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Water Resources Data South Carolina Water Year 1999

Water-Data Report SC-99-1

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

Prepared in cooperation with the
State of South Carolina
and with other agencies

CALENDAR FOR WATER YEAR 1999

1998

OCTOBER

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1999

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

Water Resources Data South Carolina Water Year 1999

By T.W. Cooney, P.A. Drewes, S.W. Ellisor, and F. Melendez

Water-Data Report SC-99-1

Prepared in cooperation with the State of South Carolina
and with other agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U. S. GEOLOGICAL SURVEY

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1999

PREFACE

This volume of the annual hydrologic data report of South Carolina is one of a series of annual reports that document hydrologic data gathered from the U. S. Geological Survey's surface-water 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 State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for South Carolina are contained in one volume.

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

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Gordon B.Crawford	Henry E. Herlong	Greg L. Murray	Carlton Wood
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REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY *(Leave blank)*	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	June 1999	Annual--Oct. 1, 1998 to Sept. 30, 1999

4. TITLE AND SUBTITLE
Water Resources Data--South Carolina, Water year 1999, Volume 1.

5. FUNDING NUMBERS

6. AUTHOR(S)
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7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
U.S. Geological Survey, Water Resources Division
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720 Gracern Road
Columbia, SC 29210-7651

8. PERFORMING ORGANIZATION REPORT NUMBER
USGS-WDR-SC-99-1

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)
U.S. Geological Survey, Water Resources Division
Stephenson Center-Suite 129
720 Gracern Road
Columbia, SC 29210-7651

10. SPONSORING / MONITORING AGENCY REPORT NUMBER
USGS-WDR-SC-99-1

11. SUPPLEMENTARY NOTES
Prepared in cooperation with the State of South Carolina and with other Federal and local agencies.

12a. DISTRIBUTION / AVAILABILITY STATEMENT
No restriction on distribution. This report may be purchased from National Technical Information Service, Springfield, VA 22161.

12b. DISTRIBUTION CODE

13. ABSTRACT *(Maximum 200 words)*
Water Resources data for the 1999 water year for South Carolina consists of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and levels of ground-water wells. This volume contains records for water discharge at 118 gaging stations, stage only at 38 gaging stations, stage and contents at 17 lakes and reservoirs, water-quality at 42 gaging stations and at one observation well, and water levels at 54 observation wells. Also included are data for 53 crest-stage partial-record stations and discharge measurement information at 6 locations. Locations of these sites are shown on figures 3, 4, 5, 6, and 7. Additional water data were collected at various sites not involved in the systematic data-collection program. 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 South Carolina.

14. SUBJECT TERMS
*South Carolina, *Hydrologic Data, *Surface Water, *Ground Water, *Water Quality, Discharge, Gaging Stations, Lakes, Reservoir, Chemical Analyses, Sediments, Water Temperature, Water Levels, and Water Analyses.

15. NUMBER OF PAGES
648

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
Unclassified			Unclassified

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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

[Letters after station names designate type of data: (d) discharge, (c) chemical, (b) biological, (m) microbiological, (s) sediment, (t) temperature, (e) elevation, gage heights, or contents]

Station Number	Station Name	Page
SOUTH ATLANTIC SLOPE BASINS		
WACCAMAW RIVER BASIN		
02110500	Waccamaw River near Longs, SC (d)	37
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Little River:		
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Pee Dee River:		
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02130900	Black Creek near Mcbee, SC (d)	77
02130910	Black Creek near Hartsville, SC (d)	79
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02131010	Pee Dee River below Pee Dee, SC (d)	83
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02132000	Lynches River at Effingham, SC (d)	95
02135000	Little Pee Dee River at Galivants Ferry, SC (d)	97
02135200	Pee Dee River at Highway 701 near Bucksport, SC (c)	99
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02136000	Black River at Kingstree, SC (d)	107
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02147020	Catawba River below Catawba, SC (d)	113
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021473426	Tools Fork Creek near Rock Hill, SC (d,c)	121
021473428	Wildcat Creek below Rock Hill, SC (d,c)	127
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02153200	Broad River near Blacksburg, SC (d)	155
02153780	Clarks Fork Creek near Smyrna, SC (d)	157
02154500	North Pacolet River at Fingerville, SC (d)	159
02154790	South Pacolet River near Campobello, SC (d)	161
02154950	Lake William C. Bowen near Fingerville, SC (e)	163
02155500	Pacolet River near Fingerville, SC (d)	164
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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

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02176603	Beaufort River at Beaufort, SC (e,c)	436
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SAVANNAH RIVER BASIN		

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

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02185145	Lake Keowee near Six Mile, SC (e)	470
02185200	Little River near Walhalla, SC (d)	471
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02196484	Savannah River near North Augusta, SC (d)	504
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02197300	Upper Three Runs near New Ellenton, SC (d)	513
021973011	H-002 at Savannah River Site, SC (d)	515
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02197340	Site No. 6 at Savannah River Site, SC (d)	537
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02197344	Four Mile Creek at Road A-12.2 at Savannah River Site, SC (d)	541
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021973515	Steel Creek above Road B at Savannah River Site, SC (d)	545
021973525	L-007 Outfall at Savannah River Site, SC (d)	547
021973565	Steel Creek at Road A at Savannah River Site, SC (d)	549
02197380	Lower Three Runs below Par Pond at Savannah River Site, SC (d)	551
02197400	Lower Three Runs near Snelling, SC (d)	553
02197415	Lower Three Runs near Martin, SC (d)	555
02197500	Savannah River at Burtons Ferry Bridge near Millhaven, GA (d)	557
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332616081462001.	Local number, AK-817.	574
332617081462001.	Local number, AK-818.	575
332616081461701.	Local number, AK-824.	576
332616081461601.	Local number, AK-825.	577
333230081290501.	Local number, AK-826.	578
333235081290801.	Local number, AK-845	579
333233081290802.	Local number, AK-846.	580
333234081290703.	Local number, AK-847.	581
333233081290704.	Local number, AK-848.	582
333232081290605.	Local number, AK-849.	583
ANDERSON COUNTY		
343714082285600.	Local number, AND-326.	584
BARNWELL COUNTY		
331037081184301.	Local number, BW-349.	585
331039081184201.	Local number, BW-350.	586
331038081184201.	Local number, BW-351.	587
331044081185301.	Local number, BW-352.	588
331043081185401.	Local number, BW-353.	589
331044081185401.	Local number, BW-354.	590
331044081185501.	Local number, BW-355.	591
331043081185601.	Local number, BW-356.	592
331914081242801.	Local number, BW-358.	593
331916081242801.	Local number, BW-359.	594
331915081242801.	Local number, BW-360.	595
331903081242702.	Local number, BW-365.	596
331901081242801.	Local number, BW-366.	597
331902081242804.	Local number, BW-367.	598
331901081242703.	Local number, BW-368.	599
BEAUFORT COUNTY		
321005080442705.	Local number, BFT-101.	600
321551080491003.	Local number, BFT-429.	601
321603080432202.	Local number, BFT-1810.	602
321358080403802.	Local number, BFT-1814.	605
BERKELEY COUNTY		
331022080021801.	Local number, BRK-431.	606
CHARLESTON COUNTY		
324729079472001.	Local number, CHN-14.	607
324741080041400.	Local number, CHN-44.	608
330247079340300.	Local number, CHN-101.	609
CHEROKEE COUNTY		
350918081263408.	Local number, CRK-74.	610
CHESTER COUNTY 477		

GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

Station Number	Station Name	Page
344000081250011.	Local number, CTR-21.	611
COLLETON COUNTY		
330256080354500.	Local number, COL-97.	612
FLORENCE COUNTY		
340806079563100.	Local number, FLO-85.	613
341144079345001.	Local number, FLO-128.	614
GEORGETOWN COUNTY		
332424079171800.	Local number, GEO-77.	615
GREENVILLE COUNTY		
345335082185800.	Local number, GRV-709.	616
350622082373608.	Local number, GRV-712.	617
HAMPTON COUNTY		
324143080505900.	Local number, HAM-83.	618
KERSHAW COUNTY		
343330080263700.	Local number, KER-263.	619
MARION COUNTY		
335143079195000.	Local number, MN-77.	620
MARLBORO COUNTY		
342935079431000.	Local number, MLB-110.	621
343715079411500.	Local number, MLB-112/134.	622
McCORMICK COUNTY		
335336082214600.	Local number, MCK-52.	623
OCONEE COUNTY		
345051083041800.	Local number, OC-233.	624
RICHLAND COUNTY		
340540081021508.	Local number, RIC-309.	625
SALUDA COUNTY		
340517081401300.	Local number, SAL-69.	626
SPARTANBURG COUNTY		
345145081502900.	Local number, SP-1581.	627
YORK COUNTY		
350150081012500.	Local number, YK-147.	628

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

The following continuous-record surface-water discharge stations (gaging stations) in South Carolina have been discontinued. Daily streamflow or stage records were collected and published for the period of record, expressed in water years, shown for each station. Those stations with an asterisk (*) after the station number are currently operated as crest-stage partial-record stations. Discontinued project stations with less than 3 years of record have not been included. Information regarding these stations may be obtained from the District Office at the address given on the back side of the title page of this report.

[Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage-only)]

Station name	Station number	Drainage area (mi^2)	Period of record
PEE DEE RIVER BASIN			
Whites Creek near Wallace, S.C. (d)	02129590	26.4	1980-95
Juniper Creek near Cheraw, S.C. (d)	02130500	64.0	1941-58
Cedar Creek at Society Hill, S.C. (d)	02130600	58.2	1971-81
Catfish Canal at Sellers, S.C. (d)	02131150	27.4	1967-92
Lynches River near Bishopville, S.C. (d)	02131500*	675	1943-71
Little Pee Dee River near Dillon, S.C. (d)	02132500*	524	1939-71
Black River near Gable, S.C. (d)	02135500	401	1951-66, 1972-92
Pocotaoliago River at Sumter, S.C. (d)	02135517	134	1993-95
Pocotaoliago River near Sumter, S.C. (d)	02135600	185	1993-95
Pocotaoliago River at Manning, S.C. (d)	02135625	306	1994-95
SANTEE RIVER BASIN			
Sugar Creek near Fort Mill, S.C. (d)	02146800	262	1974-79
Catawba River at Catawba, S.C. (d)	02147000	3,530	1968-92
Bear Creek at Lancaster, S.C. (d)	02147240	66.6	1978-82
Colonels Creek near Leesburg, S.C. (d)	02148300	38.1	1966-80
Broad River near Gaffney, S.C. (d)	02153500	1,490	1938-71, 1986-90
Black Creek near Fingerville, S.C. (d)	02155600	10.0	1967-69
Pacolet River near Clifton, S.C. (d)	02156000	320	1940-71
Lawsons Fork Creek at Spartanburg, S.C. (d)	02156300*	74.7	1966-70
North Tyger River near Fairmont, S.C. (d)	02157000	44.4	1951-88
Middle Tyger River at Lyman, S.C. (d)	02157500*	68.3	1938-67
North Tyger River near Moore, S.C. (d)	02158000	162	1934-67
Maple Creek near Duncan, S.C. (d)	021584051	10.2	1993-95
South Tyger River Below Lyman, S.C. (d)	02158410	96.3	1993-95
South Tyger River near Reidville, S.C. (d)	02158500	106	1935-67
South Tyger River near Woodruff, S.C. (d)	02159000	174	1934-71
Tyger River near Woodruff, S.C. (d)	02159500	351	1930-56
Dutchman Creek near Pauline, S.C. (d)	02159600*	8.9	1966-69
Fairforest Creek at Spartanburg, S.C. (d)	02159800	17.0	1966-70
Fairforest Creek near Union, S.C. (d)	02160000*	183	1940-71
Brushy Creek near Pelham, S.C. (d)	021603257	13.8	1996-97
Enoree River near Enoree, S.C. (d)	02160500*	307	1930-77
Hellers Creek near Pomaria, S.C. (d)	02160775	8.16	1980-94
Broad River at Richtex, S.C. (d)	02161500	4,850	1926-28, 1930-83
West Fork Little River near Salem Crossroads, S.C. (d)	02161700	25.5	1980-97
Cedar Creek near Blythewood, S.C. (d)	02162010	48.9	1966-96
Crane Creek at Columbia, S.C. (d)	02162080	66.5	1968-74
Saluda River near Pelzer, S.C. (d)	02163000	405	1930-71
Hamilton Creek near Easley, S.C. (d)	02162525	1.6	1981-86
Saluda River near Silverstreet, S.C. (d)	02167500	1,620	1927-65
Congaree Creek at Cayce, S.C. (d)	02169550	122	1960-80
Big Beaver Creek near St. Matthews, S.C. (d)	02169630	10.0	1966-93
Cedar Creek below Myers Creek near Hopkins, S.C. (d)	02169670	66.9	1981-85
Lake Marion at Buckingham Landing near Lone Star, S.C. (e)	02169850	---	1977-80
Lake Marion at Rimini, S.C. (e)	02169900	14,194	1975-78
Santee River at Ferguson, S.C. (d)	02170000	14,600	1908-41
Lakes Marion-moultrie Diverson Canal near Lone Star, S.C. (d)	02170500	---	1944-86

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS--Continued

Station name	Station number	Drainage area (mi^2)	Period of record
Minim Creek at AIW near North Santee, S.C. (e)	02171820	---	1974-75, 1976-93
COOPER RIVER BASIN			
East Branch Cooper River near Goose Creek, S.C. (e)	02172037	---	1991-95
Foster Creek at Goose Creek, S.C. (e)	021720612	---	1991-94
Cooper River at Army Depot near North Charleston, S.C. (e)	021720675	---	1993-95
WANDO RIVER BASIN			
Wando River above Cainhoy, S.C. (e)	021720694	---	1992-95
Guerin Creek above Cainhoy, S.C. (e)	021720695	---	1992-95
Wando River at Cainhoy, S.C. (e)	021720696	---	1992-95
Wando River above Mount Pleasant, S.C. (e)	021720698	---	1992-95
ASHLEY RIVER BASIN			
Ashley River at Cooke Crossroads, S.C. (e)	02172081	---	1992-95
Ashley River near North Charleston, S.C. (e)	021720869	---	1992-95
Ashley River at Charleston, S.C. (e)	02172090	---	1992-95
Wappoo Creek at James Island, S.C. (e)	02172091	---	1992-95
CHARLESTON HARBOR			
AIW at Sullivans Island, S.C. (e)	02172095	---	1992-95
Charleston Harbor at Fort Sumter near Mount Pleasant, S.C. (e)	02172100	---	1992-95
EDISTO RIVER BASIN			
McTier Creek near Monetta, S.C. (d)	02172300	15.3	1995-97
South Fork Edisto River near Montmorenci, S.C. (d)	02172500	198	1940-66
Edisto River near Branchville, S.C. (d)	02174000*	1,720	1946-96
COMBAHEE RIVER BASIN			
Combahee River near Yemassee, S.C. (d)	02176000	1,100	1951-57
BROAD RIVER BASIN			
Great Swamp near Ridgeland, S.C. (d)	02176875	48.8	1977-84
SAVANNAH RIVER BASIN			
Whitewater River at Jocassee, S.C. (d)	02184500	47.3	1951-68
Keowee River near Jocassee, S.C. (d)	02185000	148	1950-68
Lake Keowee near Six Mile, S.C. (e)	02185300	795	1989-90
Keowee River near Newry, S.C. (d)	02185500	455	1939-61
Seneca River near Anderson, S.C. (d)	02187000	1,026	1928-59
Savannah River near Iva, S.C. (d)	02187500	2,231	1950-81
Rocky River near Calhoun Falls, S.C. (d)	02188000	267	1950-66
Savannah River near Calhoun Falls, S.C. (d)	02189000	2,876	1897-98, 1899-1900, 1930-32, 1938-81
Savannah River near Clarks Hill, S.C. (d)	02195000	6,150	1940-54
Horn Creek near Colliers, S.C. (d)	02196250	13.9	1981-94
Augusta Canal at Augusta, Ga. (d)	02196500	---	1931-57, 1989-92
Tinker Creek at Road 8-11 at Savannah River Site (d)	021973005	16.3	1993-96
Mill Creek at Savannah River Site (d)	021973007	---	1995-96
McQueen Branch at Road F at Savannah River Site (d)	021973008	0.82	1990-97

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS--Continued

Station name	Station number	Drainage area (mi^2)	Period of record
Tims Branch at Road C at Savannah River Site (d)	02197309	17.5	1974-82 1985-96
X-004 at Savannah River Site (d)	02197321	---	1984-96
HP-52 Outfall at Savannah River Site (d)	021973305	---	1985-96
H-008 at Savannah River Site (d)	02197331	---	1985-96
Site No. 2 at Savannah River Site (d)	02197332	0.30	1973-90
Site No. 4 at Svannah River Site (d)	02197336	6.96	1973-92
C-001 at Savannah River Site (d)	021973405	---	1984-96
C-003 at Savannah River Site (d)	021973424	---	1984-96
C-004 at Savannah River Site (d)	021973426	---	1984-96
Four Mile Creek at Road 13 at Savannah River Site (e)	021973441	---	1994-96
K-011 at Savannah River Site (d)	02197345	---	1984-96
Indian Grave Branch at Savannah River Site (d)	021973455	2.06	1987-96
Pen Branch at road B at Savannah River Site (d)	021973471	---	1984-96
Pen Branch at Road A-17 at Savannah River Site (e)	021973482	---	1994-96
Pen Branch near Stave Island at Savannah River Site (e)	021973484	---	1994-96
P-013 at Savannah River Site (d)	02197351	---	1984-96
L-Lake above Dam at Savannah River Site (e)	02197353	---	1988-96
Steel Creek below L-Lake at Savannah River Site (d)	021973537	---	1989-96
P-007 at Savannah River Site (d)	02197354	---	1984-96
Meyers Branch at Road 9 at Savannah River Site (d)	021973561	---	1993-96
Steel Creek near Snelling (e)	02197357	---	1988-95
Par Pond at Road 8 at Savannah River Site (e)	02197361	---	1992-96
P-019 at Savannah River Site (d)	02197362	---	1984-96

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 1999 water year. Daily records of temperature, specific conductance, pH, or dissolved oxygen were collected and published for the period of record shown, expressed in water years, for each station.

Station name	Station number	Type of Record	Period of record
Waccamaw River at Pitch Landing near Conway, S.C.	02110707	Temp., S.C., pH, D.O.	1986-89
AIW at Vereens Marina at North Myrtle Beach, S.C.	02110730	S.C.	1984-91
AIW at Briarcliffe Acres at North Myrtle Beach, S.C.	02110755	Temp., pH, D.O.	1986-89
AIW at Myrtlewood Golf Course at Myrtle Beach, S.C.	02110760	Temp., pH, D.O.	1986-89
AIW at Highway 9 at Nixons Crossroads, S.C.	02110777	pH	1986-89
Waccamaw River at Bucksport, S.C.	02110802	pH	1986-89
		S.C.	1984-95
Waccamaw River at Wachesaw Landing near Murrells Inlet, S.C.	02110809	Temp., S.C., pH, D.O.	1986-89
Waccamaw River at Mt. Rena near Murrells Inlet, S.C.	02110812	Temp., S.C., pH, D.O.	1986-89
Waccamaw River at Hagley Landing near Pawleys Island, S.C.	02110815	pH	1986-89
Pee Dee River at Pee Dee, S.C.	02131000	Temp., S.C.	1978-81
Lynches River at Effingham, S.C.	02132000	Temp., S.C.	1975-81
Pee Dee River at Highway 701 near Bucksport, S.C.	02135200	pH	1986-89
Black River at Kingstree, S.C.	02136000	Temp., S.C.	1975-81
Black River near Rhems, S.C.	02136070	Temp., S.C.	1963-66
Wateree River below Camden, S.C.	02148060	Temp., D.O.	1992-95
North Tyger River near Fairmont, S.C.	02157000	Temp.	1967-72
Enoree River near Enoree, S.C.	02160500	Temp.	1967-72
Monticello Reservoir near Jenkinsville, S.C.	02160900	Temp., S.C., pH, D.O.	1978-94
Lakes Marion-Moultrie Diversion Canal near Pineville, S.C.	02170500	Temp., S.C.	1973-81
Minim Creek at AIW near North Santee, S.C.	02171820	S.C.	1979-93
South Santee River at State Pier near McClellanville, S.C.	02171905	S.C.	1987-93
West Branch Cooper River near Monks Corner, S.C.	02172017	Temp.	1976-82
West Branch Cooper River at Pimlico near Moncks Corner, S.C.	02172020	pH, D.O.	1983-93
Cooper River at Rice Mill near Kittredge, S.C.	02172030	S.C.	1981-85
Back River at Dupont Intake near Kittredge, S.C.	02172040	pH, D.O.	1981-93
Cooper River near Goose Creek, S.C.	02172050	pH	1981-93
Cooper River at Mobay near North Charleston, S.C.	02172053	pH, D.O.	1983-93
Chicken Creek at North Charleston, S.C.	021720605	Temp., S.C.	1982-86
Edisto River near Jacksonboro, S.C.	02175030	Temp.	1959-62
Keowee River near Jocassee, S.C.	02185000	Temp.	1962-68
Savannah River at Augusta, Ga.	02197000	Temp.	1974-86, 1990-93
Savannah River near Jackson, S.C.	02197320	Temp.	1972-94
Beaverdam Creek at Mouth at Savannah River Site, S.C.	021973265	Temp.	1980-94
L-Lake above Dam at Savannah River Site, S.C.	02197353	Temp.	1988-93
Steel Creek near Snelling, S.C.	02197357	Temp.	1980-94
Savannah River below Steel Creek near Millett, S.C.	02197370	Temp.	1972-93
Lower Three Runs below Par Pond at Savannah River Site, S.C.	02197380	Temp.	1984-93

INTRODUCTION

Water resources data for the 1999 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and ground-water levels. This report contains discharge records for 118 gaging stations; stage-only records for 38 gaging stations; stage and contents for 17 lakes and reservoirs; water quality for 42 gaging stations; and water levels for 54 observation wells. Also included are data for 53 crest-stage partial-record stations and discharge measurements at 6 miscellaneous sites. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous investigations of water quality. 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 South Carolina.

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 temperatures, 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 Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Arlington, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. 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 as an official Survey report 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 report is identified as "U.S. Geological Survey Water-Data Report SC-99-1." For archiving and general distribution, the reports for water years 1971-74 are also identified as water-data reports. These water-data reports are for sale, in paper copy or in microfiche, by the National Technic Information Service, U.S. Department of Commerce, Springfield, VA 22161.

COOPERATION

The U.S. Geological Survey and organizations of the State of South Carolina have had cooperative agreements for the systematic collection of water records since 1930. Organizations that supplied data are acknowledged in station descriptions. Organizations that assisted in collecting data through cooperative agreement with the Survey are:

Beaufort-Jasper Sewer and Water Authority, W. D. Moss, Jr., General Manager
City of Camden, G. F. Broom, Jr., City Manager
City of Charleston, S. W. Kinard, Manager of Commission of Public Works
City of Dillon, Glen Wagner, City Manager
City of Mount Pleasant Waterworks and Sewer Commission, H.C. Duffie, General Manager
City of Myrtle Beach, T. Leath, City Manager
City of Rock Hill
City of Spartanburg, Myles W. Whitlock, Jr., Chairman of Commissioners of Public Works
Laurens County Water and Sewer Commission, C.J. Earle, Executive Director
Oconee County Sewer Commission, R.C. Winchester, General Superintendent
South Carolina Department of Health and Environmental Control, D. Bryant, Commissioner
South Carolina Department of Natural Resources, Paul Sandifer, Executive Director
South Carolina Public Service Authority, Kenneth R. Ford, President
South Carolina Department of Transportation, D. Fanning, Executive Director
Spartanburg Sanitary Sewer District, E. D. Mitchell, Assistant Director
Waccamaw Regional Planning and Development Council, B. Schwartzkopf, Director of Planning
Western Carolina Regional Sewer Authority, Ray Orvin, Executive Director

The following Federal agencies assisted in the data collection by furnishing funds or services:

National Park Service
U.S. Forest Service
U.S. Army Corps of Engineers
U.S. Department of Energy

The following corporations aided in collecting records:

Bowater-Carolina Corporation
Brewer Gold Company
Carolina Power and Light Company
Duke Energy Corporation
International Paper Corporation
Martin-Marietta
Milliken Chemical Corporation
South Carolina Electric and Gas Company
Stone Container Corporation
Willamette Industries

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Rainfall totals and streamflows were below normal throughout South Carolina during the 1999 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was about 33 percent below normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was about 41 percent below normal and about 18 percent below normal, respectively, for the year. Below normal rainfall during the months May through August resulted in low discharges across most of the State and a severe drought was experienced.

Hurricane Floyd brushed the eastern South Carolina coast and made landfall near Cape Fear, North Carolina on September 16, 1999. Up to 18-inches of rainfall was recorded in parts of Horry County. Record flooding was documented at gaging station 02110500 (Waccamaw River near Longs, S.C.) with the peak discharge about 1.6 times higher than the 100-year flood recurrence interval discharge. Although the Waccamaw, Little Pee Dee, and Pee Dee River basins experienced varying degrees of flooding, the rest of the State remained in a severe drought through the end of the water year.

Minimum daily mean discharges were higher than or equal to the minimum daily means for the period of record at most stations. Minimum daily mean discharges for the 1999 water year and the period of record are presented for six index stations in the following table.

Station	Drainage area (square mile)	Minimum daily mean discharge 1999 water year (cubic feet per second)	Minimum daily mean discharge for period of record (cubic feet per second
Piedmont			
02154500 North Pacolet River at Fingerville	116	31	27
02162350 Middle Saluda River near Cleveland	21.0	7.4	7.4
Upper Coastal Plain			
02130900 Black Creek near McBee	108	25	17
02173000 South Fork Edisto River near Denmark	720	219	133
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	144	95
02176500 Coosawhatchie River near Hampton	203	.0	.0

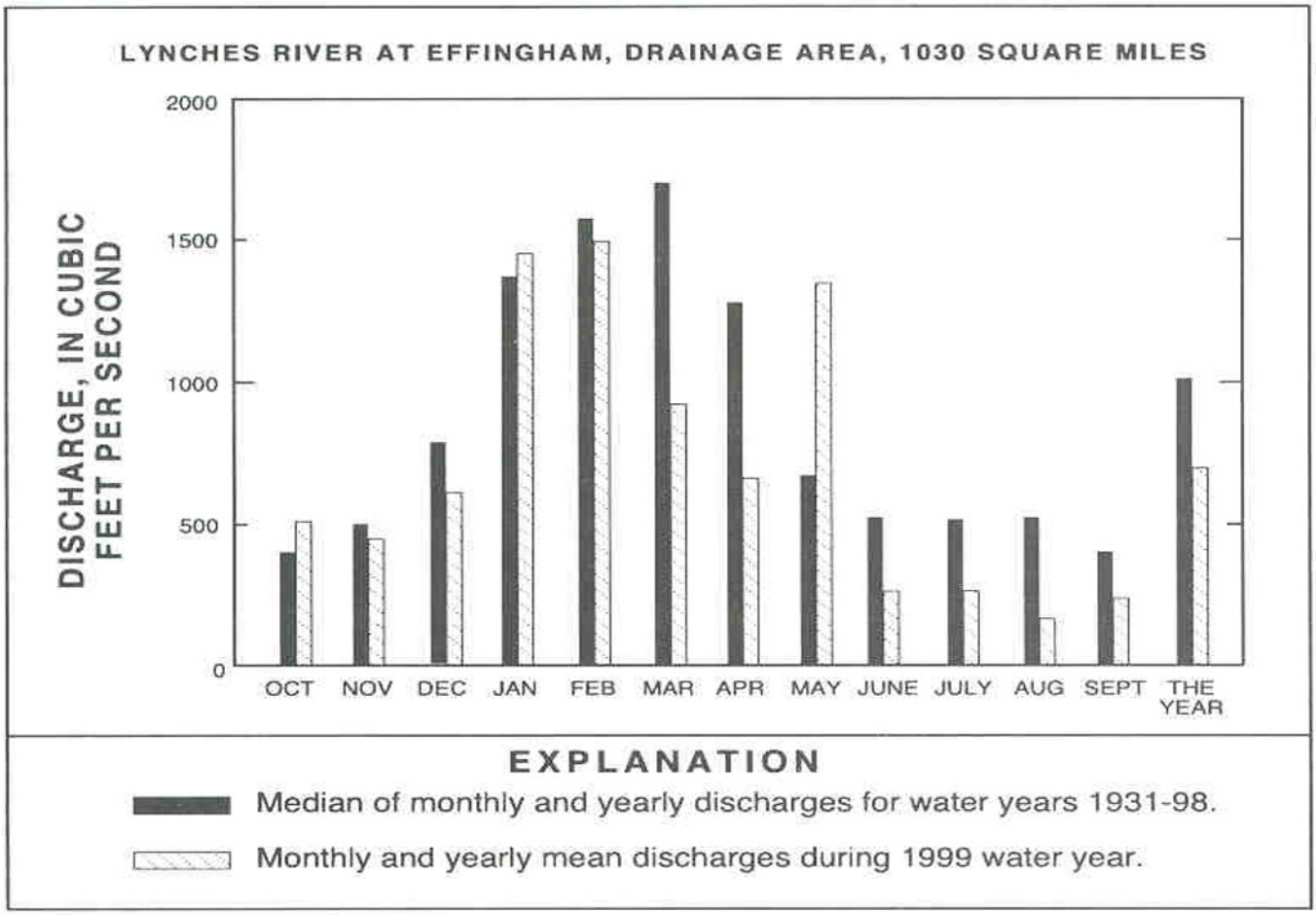
A comparison of monthly and yearly mean discharges during the 1999 water year and the median monthly and yearly mean discharges for the period of record for two of the above index stations are shown in figure 1. Monthly mean discharges for the South Fork Edisto River near Denmark station were below normal for the year. The monthly mean discharges for the Lynches River at Effingham station were substantially higher than the long-term median flow in May, well below normal in March, April, June, July, August and September, and near normal the remainder of the year.

Ground Water

Ground-water levels reflect both the climatic conditions of the region and ground-water withdrawals. In the Piedmont ground water occurs in the fault and fracture systems of the crystalline rocks and in the shallow unconsolidated material overlying the rock. Water levels in the shallow water table aquifer in the Piedmont, which is not heavily pumped, decreased slightly during the 1999 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, decreased from 30.21 feet below land surface on October 23, 1998, to 34.37 feet below land surface on September 30, 1999.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this part of the State. At Charleston, levels in well CHN-14 increased about ten feet from October 1, 1998, to February, and decreased to 70.21 feet on September 30, 1999.

HYDROLOGIC CONDITIONS



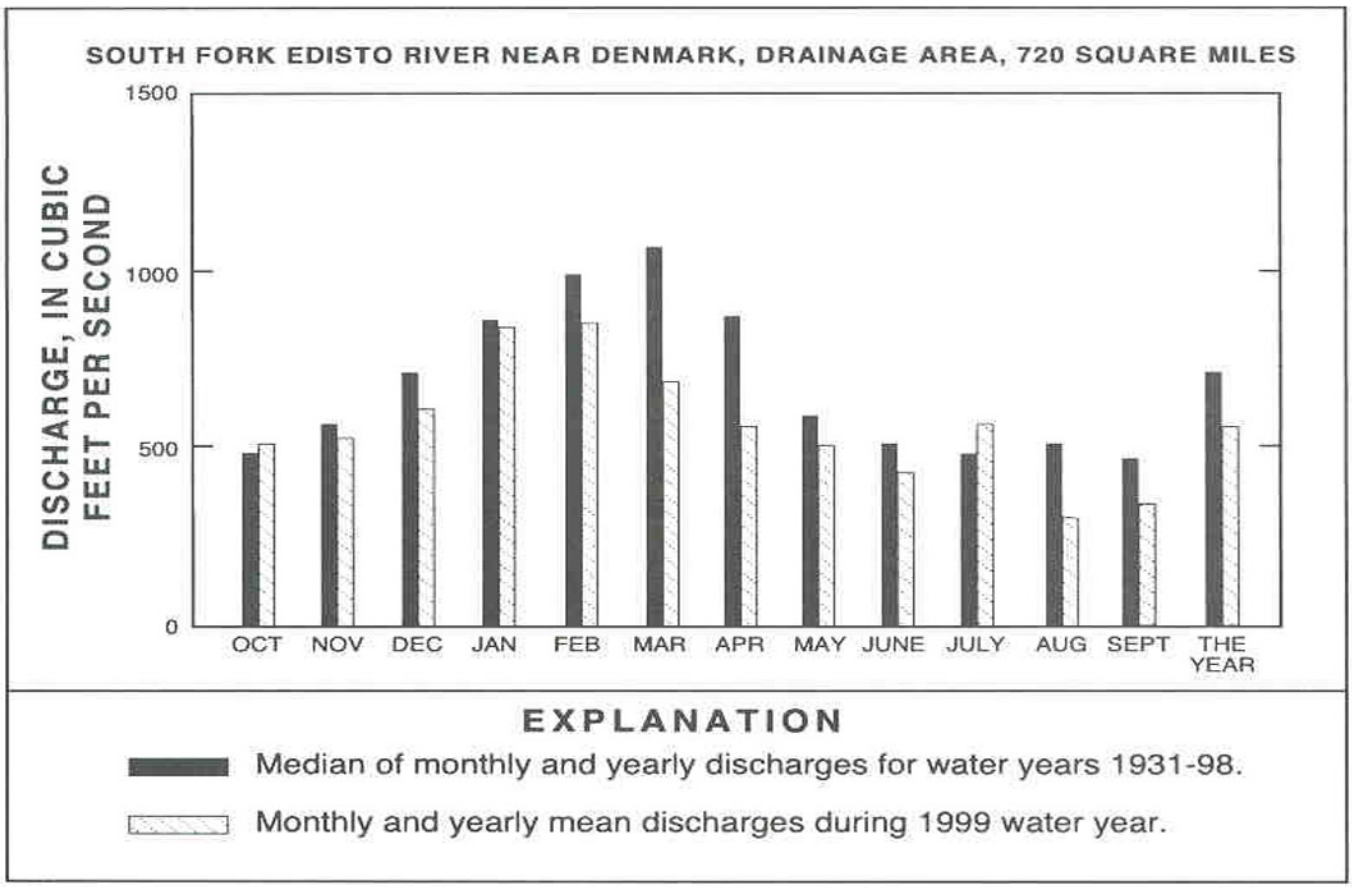


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1999 water year with the median discharges for the period of record.

NOTICE

During water year 1978, revisions were made in the terminology used to define 143 of the water-quality parameter codes that have been used by the Geological Survey in its publication of water-quality data and in its WATSTORE data system. These revisions were made to achieve consistency in terminology and to conform to a joint USGS-EPA agreement on terminology. They do not represent a change in the way the codes have been used in the past or in the association of specific code numbers with identified analytical procedures.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also table for converting English units to International System (SI) Units on the inside of the back cover.

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

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters.

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

Algae are mostly aquatic single-celled, colonial, or multicelled plants containing chlorophyll and lacking roots, stems, and leaves.

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

Annual runoff is the total quantity of water 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, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equal to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters.

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

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

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

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

Fecal coliform bacteria are bacteria that are present in the intestine 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 that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found in the intestine of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

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

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

Base flow is flow in a channel sustained by ground-water discharge in the absence of direct runoff.

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

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

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

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

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

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 is expressed in the same units as ash mass.

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

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

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

Bottom material: See “Bed material.”

Cells/volume refers to the number of plankton cells or natural units counted using a microscope and grid or counting cell. Results are generally reported as cells or units per milliliter.

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

sphere $4/3\ \pi r^3$ cone $1/3\ \pi r^3 h$ cylinder $\pi r^3 h$.

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

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

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

Colloid is any substance with particles in such a fine state of subdivision dispersed in a medium (for example, water) that they do not settle out; but not in so fine a state of subdivision that they can be said to be truly dissolved.

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

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

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

Continuous-record station is a site that meets either of the following conditions:

1. Stage or streamflow are recorded at some interval on a continuous basis. The recording interval is usually 15 minutes, but may be less or more frequent.
2. Water-quality, sediment, or other hydrologic measure-ments are recorded at least daily.

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

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

Cubic foot per second (CFS, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second, 448.8 gallons per minute, or 0.02832 cubic meters per second.

Cubic foot per second-day (CFS-DAY, Cfs-day, $[(ft^3/s)/d]$) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.9835 acre-feet, 646,317 gallons, or 2,447 cubic meters.

Daily record is a summary of streamflow, sediment, or water-quality values computed from data collected with sufficient frequency to obtain reliable estimates of daily mean values.

Daily record station is a site for which daily records of streamflow, sediment, or water-quality values are computed.

Datum, as used in this report, is an elevation above mean sea level to which all gage height readings are referenced.

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

Discharge, or flow, is the volume of water (or more broadly, volume of fluid including solid- and dissolved-phase material), that passes a given point in a given period of time.

Annual 7-day minimum is the lowest mean discharge for 7 consecutive days in a 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 discharge is the discharge at a particular instant of time.

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

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Dissolved oxygen (DO) content of water in equilibrium with air is a function of atmospheric pressure, temperature, and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved solids, with small temperature changes having the more significant offset. Photosynthesis and respiration may cause diurnal variations in dissolved-oxygen concentration in water from some streams.

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 that 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 0.4926 to reflect the change. Alternatively, alkalinity concentration (as mg/L $CaCO_3$) can be converted to carbonate concentration by multiplying by 0.60.

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

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

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

Drainage area of a site on a stream is that area, measured in a horizontal plane, that has a common outlet at the site for its surface runoff. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

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

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

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

Gage datum is the elevation of the zero point of the reference gage from which gage height is determined as compared to sea level (see "Datum"). This elevation is established by a system of levels from known benchmarks, by approximation from topographic maps, or by geographical positioning system.

Gage height (G.H.) is the water-surface elevation referenced to the 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 site on a stream, canal, lake, or reservoir where systematic observations of stage, discharge, or other hydrologic data are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

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

Ground-water level is the elevation of the water table or another potentiometric surface at a particular location.

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 the equivalent concentration of calcium carbonate ($CaCO_3$).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. *See NOAA web site:*

http://www.co-ops.nos.noaa.gov/tideglos.html

Hydrologic benchmark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a benchmark station may be used to separate effects of natural from human-induced changes in other basins that have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped benchmark basin.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the U.S. Geological Survey. Each hydrologic unit is identified by an 8-digit number.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Miscellaneous site, or miscellaneous station, is a site where streamflow, sediment, and/or water-quality data are collected once, or more often on a random or discontinuous basis.

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

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

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

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a geodetic datum derived from a general adjustment of the first order level nets of 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. *See NOAA web site: http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88*

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

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

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

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

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 area habitat, usually square meter (m^2), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

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

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

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

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

Particle size is the diameter, in millimeters (mm), of a particle determined by sieve or sedimentation methods. The sedimentation method utilizes the principle of Stokes Law to calculate sediment particle sizes. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube, Sedigraph) determine fall diameter of particles in either distilled water

(chemically dispersed) or in native water (the river water at the time and point of sampling).

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

Classification	Size (mm)	Method of analysis
Clay	0.00024 - 0.004	Sedimentation
Silt	0.004 - 0.062	Sedimentation
Sand	0.062 - 2.0	Sedimentation/sieve
Gravel	2.0 - 64.0	Sieve

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

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

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

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

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

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7 are termed “acidic,” and solutions with a pH greater than 7 are termed “basic.” Solutions with a pH of 7 are neutral. The presence and concentration of many dissolved chemical constituents found in water are, in part, influenced by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms are also influenced, in part, by the hydrogen-ion activity of water.

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

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

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 (*Cyanophyta*) are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

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.

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

Fire algae (*Pyrrhophyta*) are a group of algae that are free-swimming unicells characterized by a red pigment spot.

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

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. The zooplankton community is dominated by small crustaceans and rotifers.

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

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

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 (carbon method) by the plants.

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

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

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

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

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

mean flow will be less than the $7Q_{10}$.

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

River mile is the distance of a point on a river measured in miles from the river's mouth along the low-water channel.

River mileage is the linear distance along the meandering path of a stream channel determined in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council.

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

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 the United States and Canada, formerly called Sea Level Datum of 1929. *See*: *http://www.co-ops.nos.noaa.gov/ glossary/gloss_n.html#NGVD*

Sediment is solid material that is transported by, suspended in, or deposited from water. It originates mostly from disintegrated rocks; it also 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 or very close to the bed. In this report, bed load is considered to consist of particles in transit from the bed to an elevation equal to the top of the bed-load sampler nozzle (usually within 0.25 ft of the streambed).

Bed-load discharge (tons per day) is the quantity of sediment moving as bed load, reported as dry weight, that passes a cross section in a given time.

Suspended sediment is the sediment that 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). The entire sample is used for the analysis.

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

Suspended-sediment discharge (tons/day) is the quantity of sediment moving in suspension, reported as dry weight, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft^3/s) x 0.0027.

Suspended-sediment load is a term that refers to material in suspension. The term needs to be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It is not synonymous with either suspended-sediment discharge or concentration.

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, reported as dry weight, that passes a cross section in a given time.

Total sediment load or total load is a term that refers to the total sediment (bed load plus suspended-sediment load) that is in transport. The term needs to be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It is not synonymous with total sediment discharge.

Seven-day 10-year low flow (7Q10, $7Q_{10}$) is the minimum flow averaged over 7 consecutive days that is expected to occur on average, once in any 10-year period. The 7Q10 has a 10-percent chance of occurring in any given year.

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.

Solute is any substance that is dissolved in water.

Specific conductance is a measure of the ability of a water 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 from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

Stage: See "Gage height."

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

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

Substrate is the physical surface upon which an organism lives.

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 plexiglass strips for periphyton collection.

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

Surface area of a lake or impoundment is that area encompassed by the boundary of the lake or impoundment as shown on USGS topographic maps, or on other available maps or photographs. The computed surface areas reflect the water levels of the lakes or impoundments at the times when the information for the maps or photographs was obtained.

Surficial bed material is the top 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 a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative suspended-sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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

Suspended, total is the total amount of a given constituent in the part of a representative suspended-sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. Knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

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

Synoptic Studies are short-term investigations of specific water-quality conditions during selected seasonal or hydrologic

periods to provide improved spatial resolution for critical water-quality conditions. For the period and conditions sampled, they assess the spatial distribution of selected water-quality conditions in relation to causative factors, such as land use and contaminant sources.

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

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

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 is 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.

Tons per day (T/DAY, tons/d) is the rate representing a mass of 1 ton of a constituent in streamflow passing a cross section in 1 day. It is equivalent to 2,000 pounds per day, or 0.9072 metric tons per day.

Total is the total amount of a given constituent in a representative 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" does double duty here, indicating both that the sample consists of a suspended-sediment mixture and that the analytical method determined all of the constituent in the sample.)

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

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

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

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

Total recoverable is the amount of a given constituent that is in solution after a representative 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 are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Turbidity is a measurement of the collective optical properties of a water sample that cause light to be scattered and absorbed rather than transmitted in straight lines; the higher the intensity of scattered light, the higher the turbidity. Turbidity is expressed in nephelometric turbidity units (NTU) or Formazin turbidity units (FTU) depending on the method and equipment used.

Volatile organic compounds (VOC's) are organic compounds that can be isolated from the water phase of a sample by

purging the water sample with inert gas, such as helium, and subsequently analyzed by gas chromatography. Many VOC's are manmade chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They are often components of fuels, solvents, hydraulic fluids, paint thinners, and dry cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human health concern because many are toxic and are known or suspected human carcinogens (U.S. Environmental Protection Agency, 1996).

Water level is the water-surface elevation or stage of the free surface of a body of water above or below any datum (see "Gage height"), or the surface of water standing in a well, usually indicative of the position of the water table or other potentiometric surface.

Water table is the surface of a ground-water body at which the water is at atmospheric pressure.

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

Water year in U.S. 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, 1999, is called the "1999 water year."

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

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

Well is an excavation (pit, hole, tunnel), generally cylindrical in form and often walled in, drilled, dug, driven, bored, or jetted into the ground to such a depth as to penetrate water-yielding geologic material and allow the water to flow or to be pumped to the surface.

Wet weight refers to the weight of animal tissue or other substance including its contained water.

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

DOWNSTREAM ORDER AND STATION NUMBERS

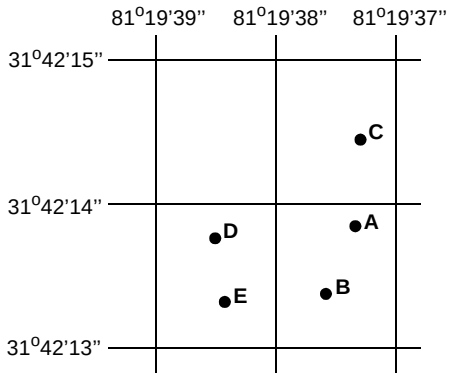
Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for 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 8 or 9-digit number for each station, such as 02175000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6 or 7-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8 or 9-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minute and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) uniquely identify the wells or other sites within a 1-second grid. See figure 2 below.



Coordinates for miscellaneous site C: 314214081193701

Coordinates for well A: 314213081193701 and miscellaneous site B: 314213081193702

Coordinates for well D: 314213081193801 and well E: 314213081193802

Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Bench-Mark Network is a network of 50 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 human activities.

National Stream-Quality Accounting Network (NASQAN) monitors the water quality of large rivers within four of the Nation's largest river basin--the Mississippi, Columbia, Colorado, and Rio Grande. The network consists of 39 stations. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the Nation 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.

The National Atmospheric Deposition Program/National Trends Network(NADP/NTN) provides continuous measurement and assessment of the chemical climate of precipitation throughout the United States. As the lead federal agency, the USGS works together with over 100 organizations to accomplish the following objectives; (1) Provide a long-term, spatial and temporal record of atmospheric deposition generated from a network of 191 precipitation chemistry monitoring sites. (2) Provide the mechanism to evaluate the effectiveness of the significant reduction of S02 emissions that began in 1995 as implementation of the Clean Air Act Amendments (CAAA) occurred. (3) Provide the scientific basis and nationwide evaluation mechanism for implementation of the Phase II CAAA emission reductions for S02 and NOx scheduled to begin in 2000.

Data from the network, as well as information about individual sites, are available through the world wide web at:

http://nadp.nrel.colostate.edu/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, representative part of the Nation's ground- and surface-water resources; provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 53 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

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

Additional information about the NAWQA Program is available through the world wide web at:

http://wwwrvares.er.usgs.gov/nawqa/nawqa_home.html

RECORDS OF STAGE AND WATER DISCHARGE

Data Collection and Computation

The data base collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs (figures 3, 4, 6). In addition, observation of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage, from a water-stage recorder that punches a tape at selected time intervals or from a data collection platform that collects and transmits data at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard textbooks, in Water-Supply Paper 2175, and the U.S. Geological Survey Techniques of Water-Resources Investigations (TWRI's), Book 3, Chapter A1 through A19 and Book 8, Chapters A2 and B2. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. 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 computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. 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 relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

At some gaging stations, acoustic velocity meter (AVM) systems are used to compute discharge. The AVM system measures the streams velocity at one or more paths in the cross section. Coefficients are developed to relate this path velocity to the mean velocity in the cross section. Because the AVM sensors are fixed in position, the adjustment coefficients generally vary with stage. Cross-sectional area curves are developed to relate stage, recorded as noted above, to cross section area. Discharge is computed by multiplying path velocity by the appropriate stage related coefficient and area.

For a lake or reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys the computed contents may be increasingly in error due to the gradual accumulation of sediment.

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 or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise, daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations and for some reservoir stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Data Presentation

Streamflow data in this 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 description.

LOCATION.--Information on locations in obtained from the most accurate maps available. The location of the gaging station 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 varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps are available.

PERIOD OF RECORD.--This indicates the period for which records have been published 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 flow at it can reasonably be considered equivalent to flow at the present station.

REVISED RECORDS.--Because of new information, published records 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 did 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 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 discharges 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 paragraph 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, and to conditions that affect natural flow at the station. In addition, information presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

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

EXTREMES OUTSIDE 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.

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 obtained the record from previously published data reports may wish to contact the District Office (address given on the back of the title page of this report) to determine if the published records were ever revised after the stations was discontinued. Of course, if the data for a discontinued station were obtained by computer retrieval, the data would be current and there would be no need to check because any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the "Remarks" and in the inclusion of a skeleton stage-capacity table when daily contents are given.

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 in the EXTREMES 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 (lined 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 year of the first occurrence 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 (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 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 previous calendar year and for 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 using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence 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 area 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 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 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 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 (AC-FT).--Indicates the depth, in acre-feet, to which the drainage area would be covered if all the runoff for the year were uniformly distributed on it.

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:

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) indicates 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.

Data collected at partial-record stations follow the information for continuous record sites. 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 tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Accuracy of field data and computed results

The accuracy of streamflow data 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 observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

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, 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.

Revised records

Previously, if a significant error in published records was discovered, a revision was published in the first report following discovery of the error. This paragraph then served to document for users all the reports in which revisions had been published for the station and the water years to which the revisions applied. However, beginning with the 1983 water year, revisions will no longer be published but appropriate changes will be made in files.

Under "Revised Records," a year listed without qualification indicates that daily, monthly, or annual discharges were revised. The qualifications (M), (m), and (P) mean that only the instantaneous maximum, the instantaneous or daily minimum, and flood peaks above the base, respectively, have been revised. For example, the notation for indicating that the 1979 water-year daily values for a particular station in South Carolina have been revised during the 1983 water year would no longer be "WRD SC-83-1: 1979," but W 1983: 1979." If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

Other data available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurements, gage-height records, and rating tables is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

RECORDS OF SURFACE-WATER QUALITY

Data Collection and Examination

Surface water samples for analyses usually are collected at or near gaging stations. The quality-of-water records are given immediately following the stage or discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, biological determination, water temperatures, sediment discharge), period of record and, extremes of pertinent data, and general remarks.

Revisions

If errors in published 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, 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. In March 1991 the National Water-Quality Laboratory discovered a bias in the turbidimetric method for sulfate analysis, indicating that values below 75 mg/L have a median positive bias of 2 mg/L above the true value for the period between 1982 and 1991. Sulfate values in this report have not been corrected for this bias.

On-site Measurements and Sample Collection

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations. Procedures for onsite measurements and for collecting, treating, and shipping samples are detailed in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. These references are listed in the PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS section of this report. These methods are consistent with ASTM standards and generally follow ISO standards.

One sample can define adequately 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.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with U.S.G.S. mini-monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured. These daily values are based upon hourly tape-punches or data collection platform transmissions beginning at 0l00 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Historical and current (1997) dissolved trace-element concentrations are reported herein for water that was collected, processed, and analyzed by using either ultraclean or other than ultraclean techniques. If ultraclean techniques were used, then those concentrations are reported in nanograms per liter. If other than ultraclean techniques were used, then those concentrations are reported in micrograms per liter and could reflect contamination introduced during some phase of the procedure.

Water temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published. Large streams have a small daily 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 discharges.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are 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 sections.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream. Methods used in the computation of sediment records are described in the TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards. In addition to the records of the quantities of suspended sediment, 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 Bench-Mark Network (see definitions), and several long-term trend stations are analyzed in the U.S. Geological Survey laboratory in Arvada, CO. All sediment samples are analyzed by the Kentucky District Sediment Laboratory. 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.

SURFACE-WATER-DISCHARGE AND SURFACE-WATER-QUALITY RECORDS

Remarks Codes

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

PRINT 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.
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).
D	Biological organism count equal to or greater than 15 percent (dominant).
&	Biological organism estimated as dominant.
V	Analyte was detected in both the environmental sample and the associated blanks.

Dissolved Trace-Element Concentrations

Note.--Traditional, dissolved trace-element concentrations have been reported at the microgram per liter (ug/L) level. Recent evidence, mostly from large rivers, indicates that actual dissolved-phase concentrations for a number of trace elements are within the range of 10's to 100's of nanograms per liter (ng/L). Data above the ug/L level should be viewed with caution. Such data may actually represent elevated environmental concentrations from natural or human causes; however, these data could reflect contamination introduced during sampling, processing, or analysis. To confidently produce dissolved trace-element data with insignificant contamination, the U.S. Geological Survey began using new trace-element protocols at some stations in water year 1994.

Change in National Trends Network Procedures

Note.--Sample handling procedures at all National Trends Network stations were changed substantially on January 11, 1994, in order to reduce contamination from the sample shipping container. The data for samples before and after that date are different and not directly comparable. A tabular summary of the differences based on special intercomparison study, is available from the NADP/NTN Coordination Office, Colorado State University, Fort Collins, CO 80523 (Telephone: 303-491-5643).

RECORDS OF GROUND-WATER LEVEL AND QUALITY

Data Collection and Computation

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 7). These wells penetrate and receive water from various aquifers and supply the most significant data on the regional ground-water conditions of the State. Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is provided for local needs (fig. 2).

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey TWRI publications referred to in the "On-site Measurements and Sample Collection" and the "Laboratory Measurements" sections in this data report. In addition, the TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. All samples were obtained by trained personnel. The wells sampled were pumped long enough to assure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Each observation well is equipped with a digital tape recorder which automatically punches the depth to water in a well hourly. The recorders are checked periodically and the depth to water verified by tape measurements. Mechanical failures or other causes will interrupt the record or cause false values to be recorded which must be corrected. The blank spaces in the hydrographs are the results of such loss of record.

The hydrographs were plotted using the measurement of the mean value for each day.

Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (led). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description.

Water levels are reported to two significant figures. The accuracy of the measurement depends on the depth to water. The error increases with greater depths so that measurements of water levels one hundred feet or greater probably are not accurate to the degree indicated. However, successive measurements of water levels in a well by means of a recorder to determine net changes in the water level are considered to be accurate.

Data Presentation

Each well record consists of three parts, the station description, the data tables of water levels observed during the current year, and a graph of the water levels for the current water year or other selected period. The description of the well is presented first through use of the descriptive headings preceding the tabular data. The comments to follow clarify information presented under the various headings of the well description.

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds); the hydrologic-unit number; the distance and direction from a geographic point of reference; and the owner's name.

AQUIFER.--This entry designates by name (if a name exists) and geologic age the aquifer(s) open to the well.

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, diameter, casing depth and/or screened interval, method of construction, use, and additional information such as casing breaks, collapsed screen, and other changes since construction.

INSTRUMENTATION.--This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on weekly, monthly, or some other frequency of measurement.

DATUM.--This entry describes both the measuring point and the land-surface elevation at the well. The measuring point is described

physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) sea level; it is reported with a precision depending on the method of determination.

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It should identify wells that also are water-quality observation wells, and may be used to acknowledge the assistance of local (non-Survey) observers.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It reports the month and year of the start of publication of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, may be noted.

EXTREMES FOR PERIOD OF RECORD.--This entry contains the highest and lowest water levels of the period of published record, with respect to land-surface datum, and the dates of their occurrence.

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum and all taped measurements of water level are listed. For wells equipped with recorders, only abbreviated tables are published; generally, only water-level lows are listed for every fifth day and at the end of the month (OEM). The highest and lowest water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with records, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of water level. Monthly minimums, maximums, and means are determined for months with five or fewer days of missing record. A hydrograph for a selected period of record follows each water-level table.

ACCESS TO USGS WATER DATA

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). These data may be accessed at

http://www.water.usgs.gov

Some water-quality and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on magnetic tape or 3-1/2 inch floppy disk. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division District Offices (see address on the back of the title page).

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.

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-Al0. *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.

3-A20. *Simulation of soluable 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 programed 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.

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.

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.

6-A6. A coupled surface-water and ground-water flow model (MODBRANCH) for simulation of stream-aquifer interaction, by Eric D. Swain and Eliezer J. Wexler. 1995. 125 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.

9-A7. *National Field Manual for the Collection of Water-Quality Data: Biological Indicators,* by D. N. Myers and F. D. Wilde: USGS--TWRI Book 9, Chapter A7. 1997. 49 pages.

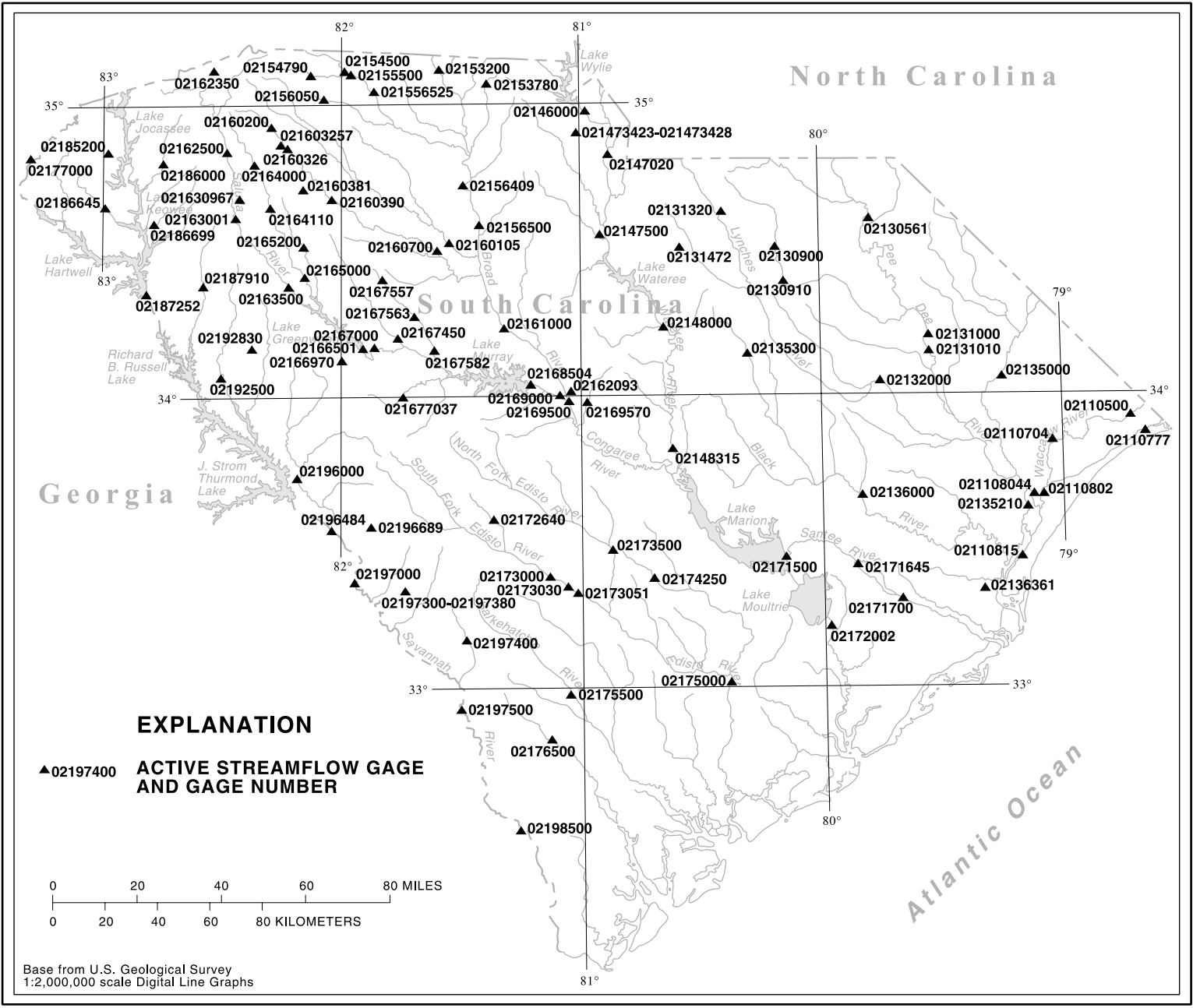


Figure 3.--Location of streamflow gaging stations.

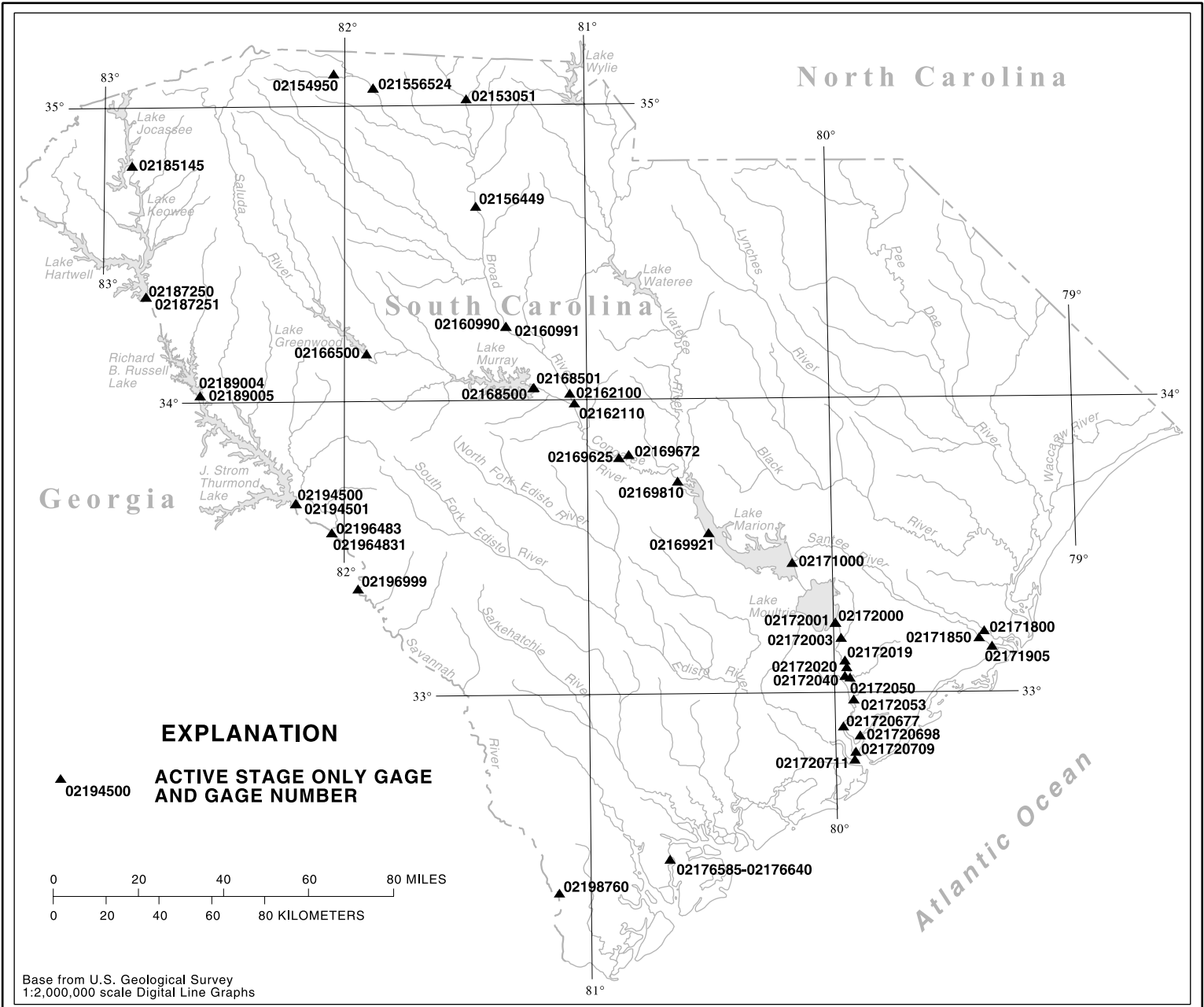


Figure 4.--Location of stage-only stations.

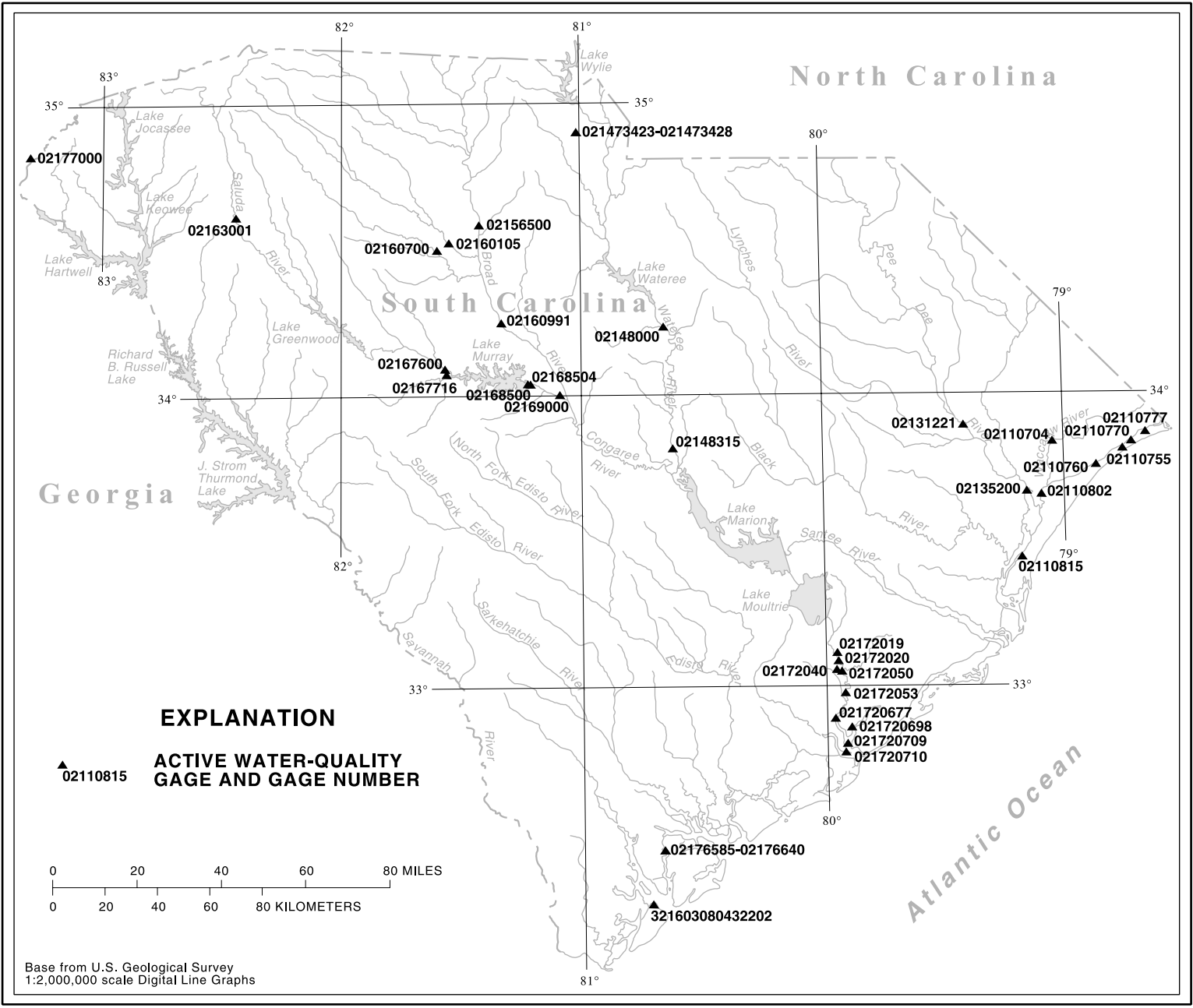


Figure 5.--Location of water-quality stations.

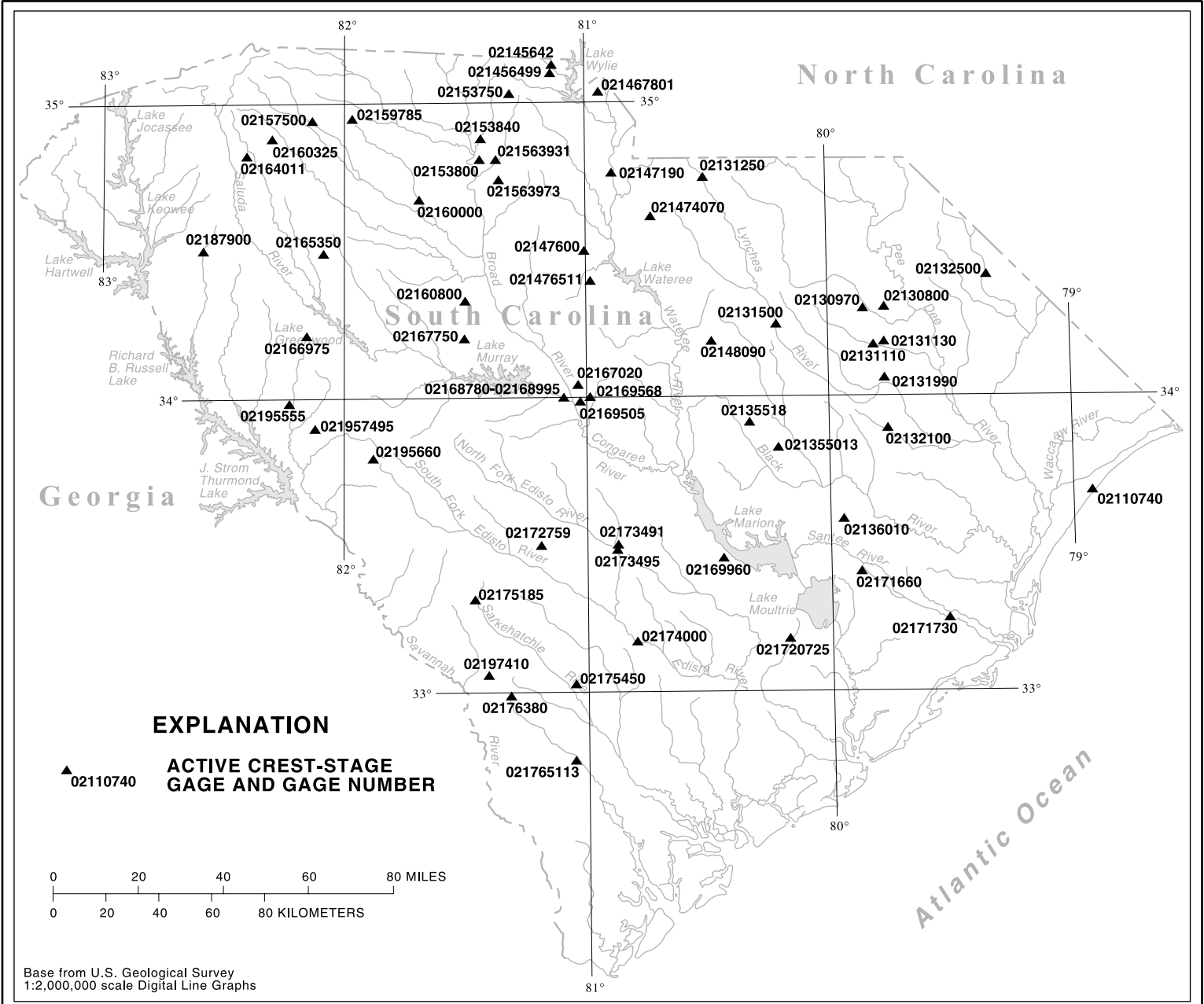


Figure 6.--Location of crest-stage stations.

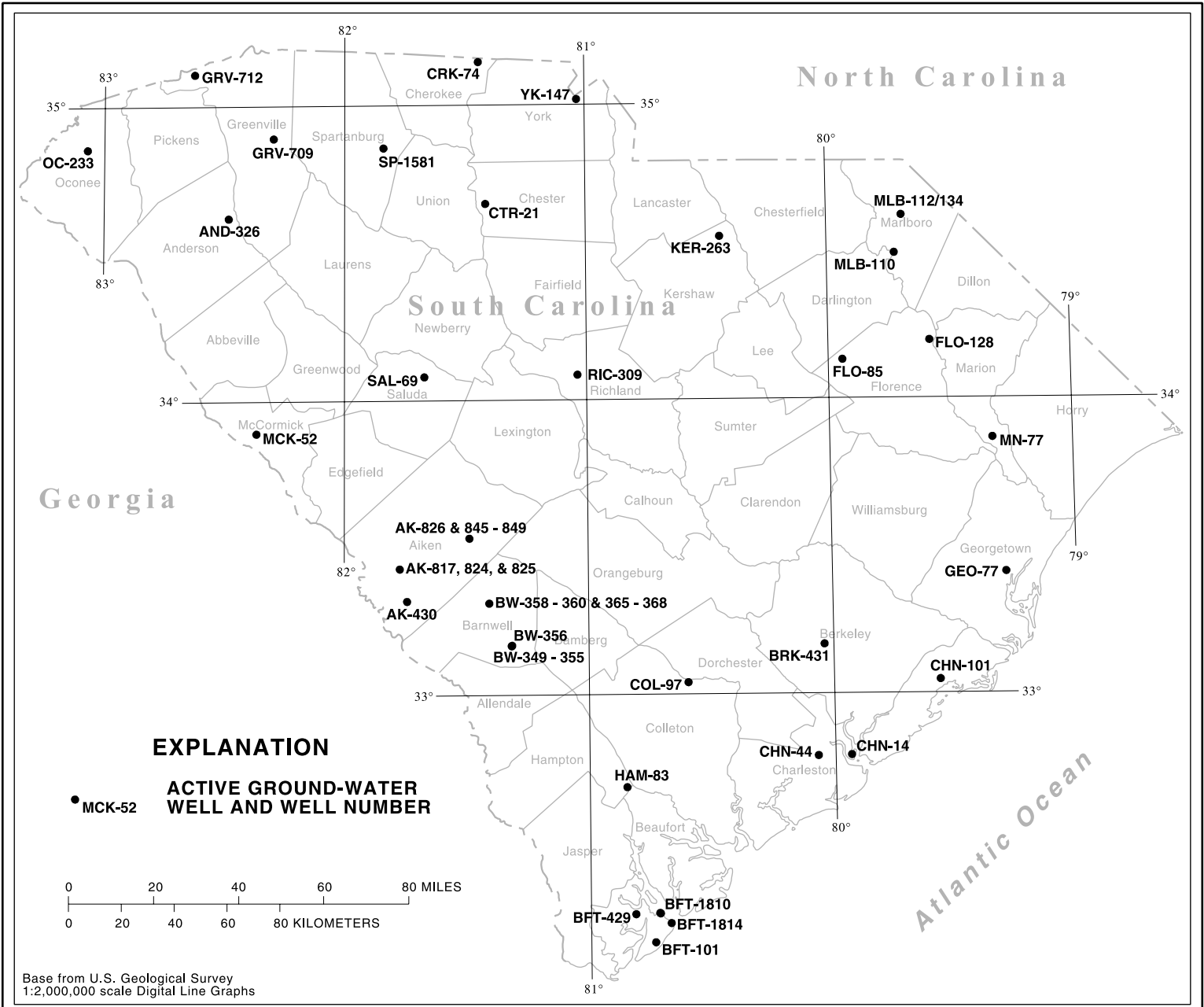


Figure 7.--Location of ground-water wells.

SURFACE WATER RECORDS

02110500 WACCAMAW RIVER NEAR LONGS, SC

LOCATION.--Lat 33°54'45'', long 78°42'55'', Horry County, Hydrologic Unit 03040206, on the upstream side of the upstream bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 mi southeast of Longs, and at mile 85.4.

DRAINAGE AREA.--1,110 mi^2, approximately.

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Data collection platform. Datum of gage is 5.28 ft above sea level (levels by Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

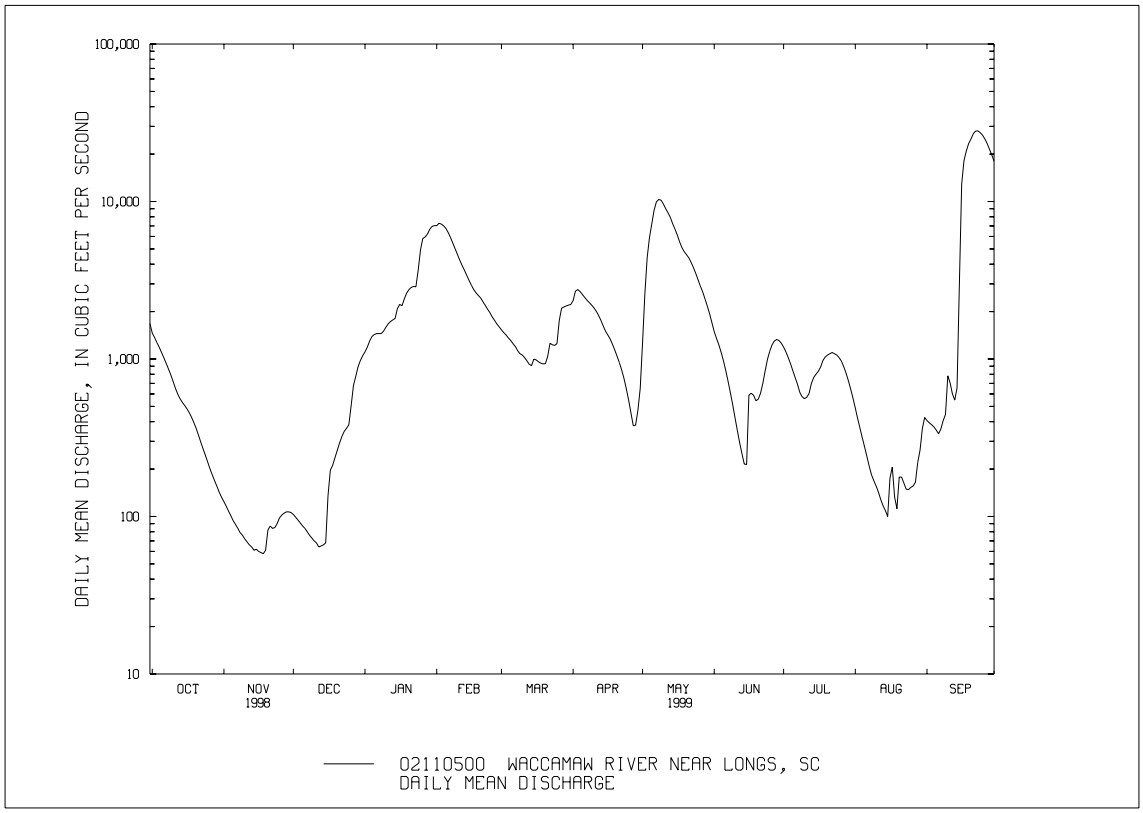
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1460	124	103	1110	7020	1530	2350	1260	1490	1190	488	407
2	1370	116	99	1190	7280	1470	2700	2580	1350	1110	420	393
3	1270	108	95	1300	7190	1420	2760	4400	1230	1020	365	383
4	1190	101	91	1390	7010	1360	2680	5900	1100	933	317	370
5	1100	94	87	1430	6740	1310	2570	7210	974	842	277	354
6	1020	89	84	1450	6340	1250	2460	8810	843	762	241	335
7	940	84	80	1450	5890	1200	2360	9950	720	691	209	359
8	865	79	76	1450	5420	1130	2280	10300	609	614	184	406
9	794	76	73	1500	4990	1080	2200	10200	512	576	169	445
10	721	72	70	1590	4600	1060	2110	9660	423	560	156	782
11	653	69	68	1670	4230	1020	2010	9010	351	571	143	706
12	599	66	64	1730	3920	974	1890	8490	294	603	128	600
13	560	64	65	1770	3660	926	1760	7940	250	698	117	548
14	531	61	66	1810	3390	908	1620	7240	215	763	109	655
15	507	62	68	2090	3150	998	1500	6700	214	800	100	2960
16	483	60	136	2220	2940	987	1420	6140	590	835	175	12900
17	456	59	197	2180	2760	960	1340	5560	606	888	206	18200
18	426	58	211	2410	2630	941	1240	5110	589	979	133	20900
19	394	61	236	2620	2530	931	1140	4810	544	1030	112	23300
20	362	82	263	2760	2440	934	1040	4600	554	1060	178	24900
21	328	87	293	2850	2310	1040	947	4390	605	1080	178	26900
22	296	84	322	2890	2190	1260	849	4110	698	1100	163	28000
23	268	85	347	2870	2070	1230	750	3810	836	1080	149	28100
24	244	90	363	3670	1970	1220	646	3500	992	1060	148	27400
25	221	98	382	4950	1850	1250	547	3190	1120	1020	153	26400
26	200	102	505	5830	1760	1760	453	2900	1230	970	156	25000
27	183	105	680	5950	1670	2100	377	2670	1300	894	165	23400
28	168	107	775	6210	1600	2140	380	2410	1330	813	220	21500
29	155	107	894	6670	---	2170	473	2170	1310	729	264	19800
30	142	106	979	6950	---	2200	649	1940	1260	645	362	18000
31	132	---	1050	7030	---	2220	---	1700	---	564	425	---
TOTAL	18038	2556	8822	90990	109550	40979	45501	168660	24139	26480	6610	354403
MEAN	582	85.2	285	2935	3912	1322	1517	5441	805	854	213	11810
MAX	1460	124	1050	7030	7280	2220	2760	10300	1490	1190	488	28100
MIN	132	58	64	1110	1600	908	377	1260	214	560	100	335
CFSM	.52	.08	.26	2.64	3.52	1.19	1.37	4.90	.72	.77	.19	10.6
IN.	.60	.09	.30	3.05	3.67	1.37	1.52	5.65	.81	.89	.22	11.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1999, BY WATER YEAR (WY)

MEAN	833	583	780	1826	2380	2550	1737	712	559	817	1096	1379
MAX	4381	2864	2780	6330	9142	7748	5072	5441	2422	6191	5643	11810
(WY)	1997	1978	1995	1993	1998	1983	1958	1999	1969	1961	1981	1999
MIN	5.13	6.20	30.1	136	260	363	194	32.1	18.3	13.2	14.5	3.70
(WY)	1984	1984	1955	1957	1989	1955	1967	1995	1952	1952	1954	1954

02110500 WACCAMAW RIVER NEAR LONGS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1950 - 1999	
ANNUAL TOTAL	777369		896728			
ANNUAL MEAN	2130		2457		1266	
HIGHEST ANNUAL MEAN					2457	1999
LOWEST ANNUAL MEAN					439	1952
HIGHEST DAILY MEAN	11000	Feb 8	28100	Sep 23	28100	Sep 23 1999
LOWEST DAILY MEAN	35	Jul 15	58	Nov 18	1.0	Oct 14 1954
ANNUAL SEVEN-DAY MINIMUM	42	Jul 11	61	Nov 13	2.0	Sep 7 1954
INSTANTANEOUS PEAK FLOW			28200	Sep 22	28200	Sep 22 1999
INSTANTANEOUS PEAK STAGE			17.94	Sep 22	17.94	Sep 22 1999
INSTANTANEOUS LOW FLOW			57	Nov 19	1.0	Oct 14 1954
ANNUAL RUNOFF (CFSM)	1.92		2.21		1.14	
ANNUAL RUNOFF (INCHES)	26.05		30.05		15.50	
10 PERCENT EXCEEDS	5830		6170		3130	
50 PERCENT EXCEEDS	787		970		704	
90 PERCENT EXCEEDS	77		101		56	



02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC

LOCATION.--Lat 33°49'47'', long 79°02'38'', Horry County, Hydrologic Unit 03040206, on right bank 1250 ft downstream of State Highway 501 Business bridge at Conway.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 5.06 ft below sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Negative daily mean discharges are computed on many days, which are caused by two complete incoming and only one complete outgoing tide cycles during the day.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

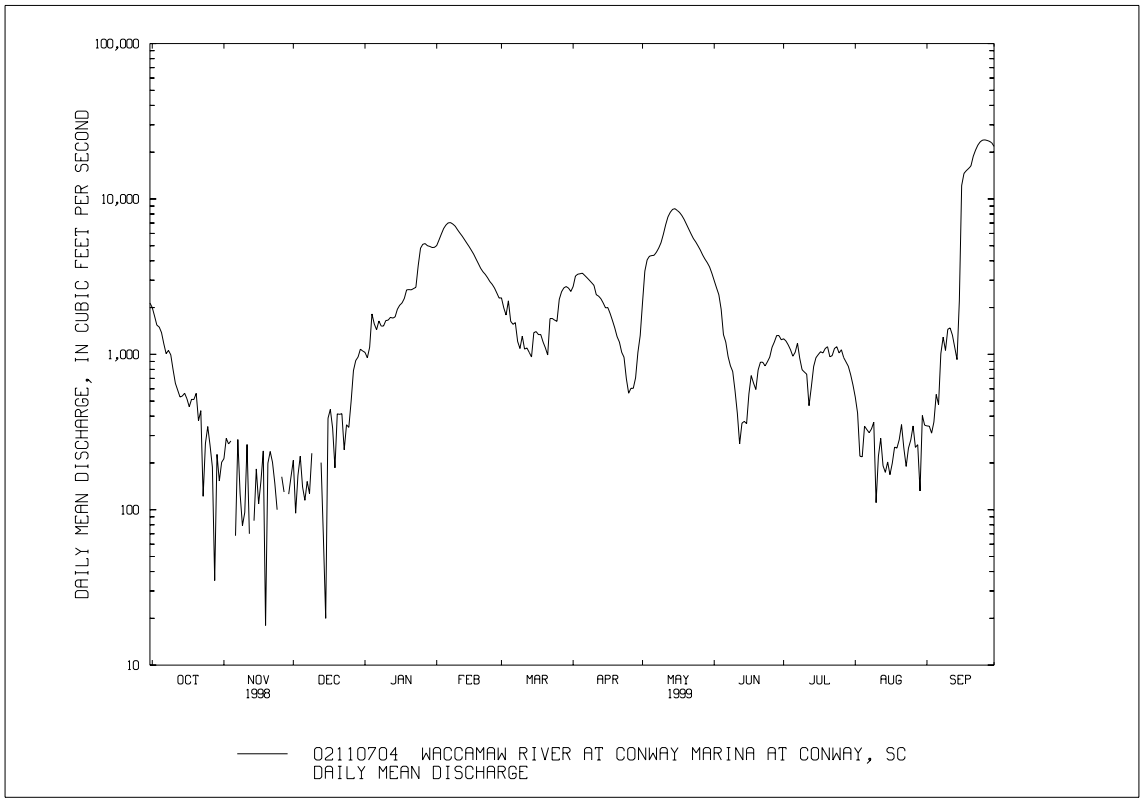
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2000	213	208	1030	5010	2310	2730	2150	2980	1260	530	346
2	1760	288	95	950	5450	1990	3190	3430	2680	1220	419	345
3	1540	265	166	1110	5940	1790	3280	4060	2420	1150	221	311
4	1500	277	221	1820	6450	2210	3300	4280	1950	1070	219	367
5	1380	-46	140	1570	6800	1630	3330	4320	1340	973	345	552
6	1170	68	115	1440	7020	1560	e3220	4340	1200	1030	328	475
7	1010	283	152	1640	7040	1600	e3110	4540	967	1180	313	1010
8	1060	126	127	1520	6890	1210	e3000	4830	844	941	331	1290
9	993	79	231	1520	6680	1090	e2890	5230	776	796	366	1060
10	798	96	-156	1650	6340	1310	2780	5920	584	769	111	1450
11	651	263	-24	1660	6040	1080	2420	6810	417	745	221	1480
12	588	70	-38	1730	5770	1100	2370	7670	265	467	288	1330
13	531	-29	201	1710	5480	1030	2280	8210	361	618	192	1110
14	539	85	67	1740	5200	961	2140	8570	370	836	174	925
15	562	183	20	1950	4940	1380	1990	8660	358	952	203	2210
16	517	109	388	2070	4670	1400	2000	8440	555	997	168	12200
17	460	153	442	2140	4410	1340	e1830	8190	730	1040	199	e14600
18	513	239	335	2290	4110	1340	e1650	7830	653	1020	253	e15200
19	512	18	186	2600	3840	1200	e1480	7380	594	1090	249	15700
20	561	199	414	2610	3580	1100	1300	6870	794	1120	282	16300
21	374	237	411	2600	3400	990	1200	6390	891	965	353	18800
22	434	202	415	2650	3270	1700	1030	5950	889	980	249	e20600
23	122	148	243	2700	3110	1700	958	5560	842	1090	190	22200
24	267	100	352	3720	2940	1660	699	5290	895	1120	249	23300
25	343	-54	339	4820	2820	1630	562	4990	959	1020	281	23900
26	259	163	499	5110	2670	2260	605	4690	1110	1070	346	24000
27	188	130	786	5160	2480	2530	604	4360	1200	952	252	23800
28	35	-8	913	5000	2300	2680	706	4100	1320	893	262	23500
29	227	126	961	4950	---	2730	1030	3890	1320	837	132	23000
30	153	163	1080	4870	---	2670	1320	3650	1240	740	404	21800
31	202	---	1050	4880	---	2540	---	3320	---	635	350	---
TOTAL	21249	4146	10339	81210	134650	51721	59004	173920	31504	29576	8480	313161
MEAN	685	138	334	2620	4809	1668	1967	5610	1050	954	274	10440
MAX	2000	288	1080	5160	7040	2730	3330	8660	2980	1260	530	24000
MIN	35	-54	-156	950	2300	961	562	2150	265	467	111	311
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1999, BY WATER YEAR (WY)												
MEAN	2279	1475	1586	3007	5109	3407	1641	1569	566	976	886	4419
MAX	5798	2916	3364	5371	12430	7663	2854	5610	1050	2025	2558	10440
(WY)	1997	1996	1995	1995	1998	1998	1998	1999	1999	1996	1996	1999
MIN	455	138	334	1094	1510	1668	430	-16.3	295	155	274	531
(WY)	1998	1999	1999	1996	1996	1999	1995	1995	1997	1998	1999	1997

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1995 - 1999	
ANNUAL TOTAL	1000198		918960			
ANNUAL MEAN	2740		2518		2224	
HIGHEST ANNUAL MEAN					2928	1998
LOWEST ANNUAL MEAN					1506	1997
HIGHEST DAILY MEAN	14800	Feb 18	24000	Sep 26	24000	Sep 26 1999
LOWEST DAILY MEAN	-156	Dec 10	-156	Dec 10	-321	Oct 20 1997
ANNUAL SEVEN-DAY MINIMUM	43	Dec 9	43	Dec 9	-73	May 16 1995
INSTANTANEOUS PEAK FLOW			24100	* Sep 25	24100	* Sep 25 1999
INSTANTANEOUS PEAK STAGE			17.64	* Sep 25	17.64	* Sep 25 1999
10 PERCENT EXCEEDS	8610		5930		5170	
50 PERCENT EXCEEDS	820		1090		1350	
90 PERCENT EXCEEDS	119		172		147	

* Also occurred Sep. 26, 27, 1999.

e Estimated



02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1991 to current year.

PERIOD OF DAILY RECORD.--

TEMPERATURE: October 1991 to current year.

DISSOLVED OXYGEN: October 1990 to current year.

INSTRUMENTATION.--Data collection platform.

REMARKS.--The water-quality probes could not be accessed during the flooding in September 1996. The minimum dissolved-oxygen concentration was measured on Sept. 16, 1996, but it may have been lower during the period of missing record.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 34.0°C, Jun. 24, 25, 1996; minimum, 3.5°C, Jan. 22-24, 1994.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 9, 1999; minimum recorded, 1.3 mg/L, Oct. 1-3 1998, minimum observed, 1.0 mg/L, Sep. 16, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 1, 2; minimum, 5.5°C, Jan. 9.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 9; minimum recorded, 1.3 mg/L, Oct. 1-3.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.5	24.5	25.0	19.5	18.5	19.0	16.5	15.5	16.0	8.5	8.0	8.0
2	25.0	24.5	25.0	19.5	18.5	19.0	16.5	15.5	16.0	8.0	8.0	8.0
3	25.0	24.0	24.5	19.5	19.0	19.0	16.5	15.5	16.0	9.0	8.0	8.5
4	24.0	23.5	24.0	19.5	18.5	19.0	16.5	16.0	16.0	9.0	8.0	8.5
5	24.0	23.0	23.5	18.5	17.5	18.0	17.0	16.0	16.0	8.0	7.5	7.5
6	23.5	23.0	23.5	17.5	16.5	17.0	17.0	16.0	16.5	7.5	6.5	7.0
7	24.0	23.5	23.5	16.5	16.0	16.0	17.5	16.5	17.0	6.5	6.0	6.5
8	24.0	23.5	24.0	16.0	15.5	15.5	18.0	16.5	17.0	6.0	6.0	6.0
9	24.0	23.5	24.0	15.5	15.5	15.5	17.5	17.0	17.5	7.0	5.5	6.5
10	24.0	23.5	23.5	16.5	15.5	16.0	17.0	16.5	16.5	7.5	6.5	7.0
11	23.5	23.0	23.0	17.0	16.5	17.0	16.5	16.0	16.0	8.0	7.0	7.5
12	23.0	22.5	23.0	17.0	17.0	17.0	16.0	15.5	15.5	7.5	7.0	7.5
13	23.0	22.5	22.5	17.0	16.5	16.5	15.5	15.0	15.5	7.5	7.5	7.5
14	22.5	22.0	22.5	16.5	16.0	16.0	15.0	14.5	15.0	8.5	7.5	7.5
15	22.5	21.5	22.0	16.5	16.0	16.0	14.5	13.0	13.5	9.5	8.0	9.0
16	22.0	21.0	21.5	16.0	16.0	16.0	13.0	12.5	13.0	10.0	9.0	9.5
17	21.5	21.0	21.0	---	---	---	13.0	12.0	12.5	10.0	9.5	9.5
18	21.5	20.5	21.0	---	---	---	12.0	11.5	12.0	10.5	10.0	10.5
19	21.5	21.0	21.0	---	---	---	12.0	11.5	11.5	11.0	10.5	11.0
20	21.5	21.0	21.5	17.0	16.0	16.5	12.5	11.5	12.0	11.0	11.0	11.0
21	21.5	21.0	21.0	16.5	16.0	16.0	13.0	12.0	12.0	11.5	11.0	11.5
22	21.0	20.0	20.5	---	---	---	13.0	12.0	12.5	12.5	11.5	12.0
23	20.0	19.0	19.5	---	---	---	12.5	12.0	12.5	14.0	12.5	13.0
24	19.0	18.5	19.0	---	---	---	12.0	11.0	11.5	15.5	14.0	15.0
25	19.0	18.5	18.5	---	---	---	11.0	10.0	10.5	15.5	14.5	15.0
26	19.0	18.0	18.5	17.0	16.5	17.0	10.0	9.5	9.5	14.5	14.0	14.0
27	18.5	18.0	18.5	16.5	16.0	16.5	9.5	8.5	9.0	14.0	13.5	13.5
28	18.5	18.0	18.5	16.5	16.0	16.0	9.0	8.5	9.0	14.5	13.5	14.0
29	19.0	18.0	18.5	16.0	15.5	16.0	8.5	8.5	8.5	14.5	14.0	14.5
30	19.0	18.0	18.5	16.0	15.5	15.5	8.5	8.0	8.5	14.5	14.0	14.0
31	19.0	18.5	18.5	---	---	---	8.0	8.0	8.0	14.0	12.5	13.5
MONTH	25.5	18.0	21.6	19.5	15.5	16.8	18.0	8.0	13.3	15.5	5.5	10.1

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	12.0	12.0	11.0	10.0	10.5	16.0	15.0	15.5	15.0	13.5	14.0
2	12.5	12.0	12.0	11.5	10.5	11.0	17.0	16.0	16.5	13.5	13.0	13.0
3	12.5	12.0	12.0	12.0	11.0	11.5	18.5	17.0	18.0	14.0	13.0	13.5
4	13.0	12.5	12.5	11.5	11.0	11.0	19.5	18.5	19.0	15.5	13.5	14.5
5	13.0	12.5	12.5	11.5	11.0	11.0	20.5	19.5	20.0	16.0	15.0	15.5
6	12.5	12.0	12.5	12.0	11.0	11.0	---	---	---	17.0	16.0	16.5
7	13.0	12.5	13.0	12.0	11.0	11.5	---	---	---	18.0	17.0	17.5
8	14.0	13.0	13.5	11.5	11.0	11.0	---	---	---	19.0	18.0	18.5
9	14.0	13.5	14.0	11.5	10.5	11.0	---	---	---	19.5	18.5	19.0
10	14.5	14.0	14.0	11.0	10.0	10.5	---	---	---	20.5	19.5	20.0
11	15.0	14.0	14.5	10.5	10.0	10.5	---	---	---	21.0	20.5	20.5
12	15.5	15.0	15.0	10.5	10.0	10.5	---	---	---	21.0	20.5	20.5
13	15.5	14.0	15.0	10.5	10.0	10.5	---	---	---	21.5	20.5	21.0
14	14.0	12.5	13.5	11.0	10.5	10.5	21.0	19.5	20.0	22.0	21.5	21.5
15	12.5	11.5	12.0	11.0	11.0	11.0	19.5	19.0	19.0	21.5	21.0	21.0
16	11.5	11.5	11.5	11.0	10.5	11.0	19.0	18.5	19.0	21.0	20.5	20.5
17	12.0	11.5	11.5	12.0	11.0	11.5	---	---	---	21.0	20.5	20.5
18	12.5	12.0	12.5	13.5	12.0	12.5	---	---	---	21.0	20.5	21.0
19	13.0	12.5	12.5	14.0	13.0	13.5	---	---	---	21.0	21.0	21.0
20	13.0	12.5	12.5	14.5	13.5	14.0	18.5	17.5	18.0	21.5	20.5	21.0
21	12.5	12.0	12.5	15.0	14.5	15.0	19.0	18.0	18.5	22.0	21.0	21.5
22	12.0	10.5	11.0	16.0	15.0	15.5	20.0	18.5	19.0	22.0	21.5	21.5
23	10.5	9.0	10.0	16.0	15.0	15.5	21.0	19.5	20.0	22.5	21.5	22.0
24	9.0	8.5	8.5	16.5	15.5	16.0	21.0	20.5	20.5	23.0	22.5	22.5
25	8.5	8.0	8.0	17.0	16.0	16.5	21.0	20.0	20.5	23.0	22.5	23.0
26	8.5	8.0	8.5	17.0	15.0	16.0	21.0	20.5	20.5	23.5	23.0	23.0
27	9.0	8.5	8.5	15.0	14.5	15.0	21.0	20.5	21.0	23.5	23.0	23.5
28	10.0	9.0	9.5	14.5	13.5	14.0	21.0	19.5	20.5	23.5	23.0	23.0
29	---	---	---	14.0	14.0	14.0	19.5	18.0	19.0	23.5	22.5	23.0
30	---	---	---	14.5	14.0	14.0	18.0	15.0	16.5	23.5	23.0	23.0
31	---	---	---	15.0	14.5	15.0	---	---	---	23.5	23.0	23.0
MONTH	15.5	8.0	12.0	17.0	10.0	12.6	21.0	15.0	19.0	23.5	13.0	20.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	23.0	23.5	26.0	25.5	25.5	32.0	31.0	31.5	26.5	26.0	26.0
2	24.0	23.0	23.5	26.0	25.5	25.5	32.0	31.0	31.5	26.5	25.5	26.0
3	24.0	23.5	23.5	26.5	25.5	26.0	31.5	31.0	31.0	26.0	25.5	26.0
4	25.0	23.5	24.5	27.5	26.0	26.5	31.0	30.5	31.0	26.0	25.5	25.5
5	25.5	24.5	25.0	28.0	27.0	27.5	31.0	30.0	30.5	26.0	25.0	25.5
6	26.0	24.5	25.5	28.0	27.0	27.5	31.0	30.0	30.5	26.0	25.5	25.5
7	26.5	25.5	26.0	28.0	27.0	27.5	31.0	30.0	30.5	26.0	25.0	25.5
8	26.5	26.0	26.5	28.0	27.5	28.0	31.0	30.5	30.5	25.5	25.0	25.5
9	27.0	26.5	27.0	29.0	27.5	28.0	31.0	30.0	30.5	26.5	25.5	26.0
10	28.0	27.0	27.5	29.5	28.0	29.0	31.0	30.0	30.5	26.5	26.0	26.0
11	28.0	27.5	27.5	29.5	28.5	29.0	31.0	30.0	30.5	26.0	25.0	25.5
12	28.5	27.0	27.5	29.0	28.0	28.5	31.0	30.0	30.5	25.5	24.5	25.0
13	28.0	27.0	27.5	28.5	27.5	28.0	31.5	30.0	30.5	25.0	24.0	24.5
14	28.0	27.0	27.5	27.5	27.0	27.0	32.0	30.5	31.0	24.5	24.0	24.5
15	28.0	27.0	27.5	27.0	26.5	27.0	31.5	30.5	31.0	24.0	21.0	23.0
16	27.5	27.0	27.0	27.0	26.5	27.0	31.5	30.5	31.0	21.0	20.5	21.0
17	27.0	26.5	26.5	27.5	26.5	27.0	31.5	30.5	31.0	---	---	---
18	26.5	26.0	26.0	27.5	27.0	27.0	31.5	30.5	31.0	---	---	---
19	26.0	24.5	25.5	28.0	27.0	27.5	31.0	30.5	31.0	---	---	---
20	24.5	23.5	24.0	28.5	27.5	28.0	31.0	30.0	30.5	---	---	---
21	23.5	23.0	23.5	29.0	28.0	28.5	31.0	30.0	30.5	---	---	---
22	23.5	22.5	23.0	29.5	28.5	29.0	31.0	30.0	30.5	---	---	---
23	24.0	22.5	23.5	29.5	29.0	29.5	31.0	30.0	30.5	---	---	---
24	24.5	23.5	24.0	30.0	29.0	29.5	30.5	29.5	30.0	21.0	20.5	21.0
25	25.0	24.0	24.5	30.0	29.5	29.5	30.0	29.0	29.5	21.0	20.5	21.0
26	25.5	24.5	25.0	30.0	29.0	30.0	30.0	29.0	29.5	21.5	21.0	21.0
27	25.5	25.0	25.5	30.5	29.5	30.0	29.5	28.5	29.0	21.5	21.5	21.5
28	25.5	25.0	25.5	30.5	30.0	30.0	30.0	28.5	29.0	21.5	21.5	21.5
29	25.5	25.0	25.5	30.5	30.0	30.0	29.5	28.0	29.0	22.0	21.5	22.0
30	25.5	25.0	25.5	30.5	30.0	30.5	28.0	27.0	27.5	22.0	22.0	22.0
31	---	---	---	31.5	30.0	30.5	27.0	26.5	27.0	---	---	---
MONTH	28.5	22.5	25.5	31.5	25.5	28.2	32.0	26.5	30.3	26.5	20.5	24.0
YEAR	32.0	5.5	19.5									

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.6	1.3	1.4	4.4	4.2	4.3	6.3	6.0	6.1	10.1	9.8	9.9
2	1.4	1.3	1.4	4.5	4.2	4.3	6.3	6.1	6.2	9.9	9.6	9.8
3	1.4	1.3	1.4	4.3	4.1	4.2	6.3	6.2	6.2	10.0	9.7	9.9
4	1.9	1.4	1.7	4.3	4.1	4.2	6.2	6.1	6.2	9.9	9.4	9.7
5	1.9	1.8	1.9	4.7	4.2	4.4	6.3	6.2	6.2	10.1	9.8	10.0
6	1.9	1.8	1.8	5.0	4.4	4.6	6.3	6.2	6.2	10.4	10.0	10.1
7	1.9	1.7	1.9	4.9	4.6	4.7	6.3	6.2	6.2	10.9	10.4	10.6
8	2.0	1.6	1.9	5.1	4.7	4.9	6.3	6.2	6.2	11.2	10.9	11.0
9	1.9	1.6	1.8	5.2	4.8	4.9	6.4	6.2	6.3	11.4	11.0	11.2
10	1.9	1.6	1.8	5.5	4.8	5.0	6.7	6.4	6.5	11.1	10.6	10.9
11	2.0	1.7	1.9	5.4	4.9	5.1	6.8	6.5	6.6	10.7	10.2	10.5
12	2.0	1.8	2.0	5.4	4.8	5.0	7.0	6.5	6.7	10.4	10.3	10.4
13	2.1	1.9	2.0	5.8	5.1	5.3	7.0	6.6	6.7	10.5	10.3	10.4
14	2.1	1.9	2.1	5.8	5.2	5.5	7.1	6.5	6.7	10.5	10.2	10.4
15	2.2	1.9	2.2	5.8	5.3	5.5	7.6	6.8	7.2	10.4	9.8	10.1
16	2.5	2.0	2.3	5.6	5.3	5.4	7.8	7.2	7.4	9.9	9.2	9.6
17	2.6	2.3	2.5	---	---	---	7.6	7.1	7.5	9.4	9.1	9.2
18	2.8	2.5	2.6	---	---	---	7.8	7.4	7.6	9.1	8.7	8.9
19	3.0	2.6	2.8	---	---	---	7.8	7.4	7.6	8.7	8.3	8.5
20	3.4	2.8	3.1	6.2	5.4	5.8	7.6	7.4	7.5	8.4	8.2	8.3
21	3.6	3.3	3.4	6.1	5.5	5.7	7.8	7.5	7.6	8.3	8.0	8.2
22	3.9	3.4	3.7	---	---	---	7.9	7.6	7.7	8.0	7.7	7.9
23	4.2	3.8	4.0	---	---	---	8.1	7.8	8.0	7.7	7.5	7.6
24	4.2	3.9	4.0	---	---	---	8.4	8.1	8.2	7.6	7.3	7.5
25	4.2	3.9	4.0	6.3	5.7	5.9	8.8	8.4	8.6	7.6	7.4	7.5
26	4.3	4.0	4.1	6.2	5.8	6.0	9.2	8.8	8.9	7.6	7.4	7.5
27	4.3	4.1	4.2	6.2	5.8	5.9	9.6	9.0	9.4	7.5	7.3	7.4
28	4.4	4.1	4.2	6.4	5.8	6.1	9.8	9.4	9.6	7.3	6.9	7.1
29	4.3	4.1	4.2	6.3	6.0	6.1	10.1	9.8	10.0	6.9	6.6	6.7
30	4.4	4.2	4.2	6.3	6.0	6.1	10.3	9.9	10.1	6.6	6.4	6.5
31	4.4	4.2	4.2	---	---	---	10.3	9.8	10.1	6.8	6.5	6.6
MONTH	4.4	1.3	2.7	6.4	4.1	5.2	10.3	6.0	7.5	11.4	6.4	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.0	6.7	6.9	8.4	7.9	8.1	6.7	6.4	6.5	7.4	6.6	6.9
2	7.0	6.9	7.0	8.4	7.7	7.9	6.4	5.9	6.1	7.6	7.3	7.5
3	6.9	6.9	6.9	8.2	7.5	7.8	5.9	5.6	5.7	7.6	7.3	7.5
4	7.1	6.8	6.9	8.1	7.5	7.7	5.6	5.2	5.4	7.3	6.7	7.0
5	6.8	6.6	6.7	7.9	7.7	7.8	---	---	---	6.8	6.3	6.5
6	6.6	6.3	6.6	8.3	7.6	7.8	---	---	---	6.3	5.7	6.0
7	6.5	6.3	6.4	8.1	7.7	7.9	---	---	---	5.7	5.2	5.5
8	6.3	6.1	6.2	8.5	7.8	8.0	---	---	---	5.2	4.7	5.0
9	6.1	6.0	6.0	8.6	7.7	8.0	---	---	---	4.7	4.1	4.4
10	6.0	5.8	5.9	8.9	7.8	8.1	---	---	---	4.1	3.5	3.7
11	5.8	5.6	5.7	8.4	7.8	8.2	---	---	---	3.5	3.3	3.4
12	5.6	5.3	5.5	8.4	8.0	8.3	---	---	---	3.3	3.1	3.2
13	5.5	5.3	5.4	8.4	7.8	8.3	---	---	---	3.1	2.9	3.0
14	5.7	5.2	5.4	8.8	8.0	8.2	4.4	4.2	4.3	3.1	2.8	2.9
15	5.7	5.5	5.6	8.4	7.7	8.1	4.6	4.3	4.5	3.1	2.8	3.0
16	6.4	5.6	5.9	8.5	7.7	8.0	4.8	4.5	4.7	2.9	2.8	2.9
17	6.4	5.1	6.0	8.8	7.7	7.9	---	---	---	3.0	2.8	2.9
18	7.0	5.8	6.2	8.7	7.7	7.9	---	---	---	2.9	2.9	2.9
19	7.2	5.5	6.3	8.0	7.6	7.8	---	---	---	3.0	2.9	3.0
20	6.9	5.5	6.3	7.9	7.3	7.6	5.3	5.0	5.2	3.0	3.0	3.0
21	6.9	6.2	6.4	7.9	7.3	7.5	5.3	5.2	5.3	3.0	3.0	3.0
22	7.4	6.4	6.6	7.5	6.9	7.4	5.3	5.1	5.2	3.1	3.0	3.0
23	7.3	6.7	6.9	7.3	6.7	7.1	5.3	5.1	5.2	3.1	3.1	3.1
24	7.9	7.0	7.4	6.8	6.7	6.8	5.2	5.0	5.1	3.1	3.0	3.1
25	8.7	7.7	7.9	7.1	6.6	6.7	5.1	4.8	5.0	3.1	3.0	3.1
26	8.3	8.1	8.2	6.7	6.5	6.6	5.0	4.8	4.9	3.1	3.0	3.1
27	8.6	7.9	8.3	6.7	6.6	6.6	5.1	4.7	4.8	3.1	2.9	3.0
28	9.0	8.1	8.3	6.8	6.6	6.7	5.2	4.7	5.0	3.1	3.0	3.0
29	---	---	---	6.8	6.7	6.8	5.4	5.0	5.1	3.2	3.1	3.1
30	---	---	---	6.8	6.7	6.7	6.6	5.4	6.1	3.3	3.1	3.2
31	---	---	---	6.7	6.5	6.6	---	---	---	3.3	3.1	3.2
MONTH	9.0	5.1	6.6	8.9	6.5	7.6	6.7	4.2	5.2	7.6	2.8	4.0

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.2	3.1	3.1	4.2	4.0	4.1	3.2	2.8	3.1	5.5	4.7	5.1
2	3.2	3.1	3.1	4.2	3.8	4.0	3.2	2.9	3.0	5.8	5.3	5.6
3	3.3	3.0	3.2	4.2	3.8	4.0	3.2	2.8	3.0	5.8	5.1	5.6
4	3.3	3.2	3.3	4.2	3.8	4.0	3.1	2.6	2.9	6.0	5.5	5.8
5	3.4	3.2	3.3	4.1	3.6	3.9	3.2	2.5	2.8	6.0	5.4	5.8
6	3.6	3.3	3.4	4.2	3.5	3.8	3.2	2.4	2.8	6.0	5.5	5.8
7	3.5	3.0	3.3	3.9	3.4	3.7	3.5	2.6	2.9	6.5	5.6	6.2
8	3.4	3.0	3.2	3.7	3.5	3.6	3.6	2.7	3.0	5.9	5.4	5.7
9	3.2	2.9	3.1	3.7	3.4	3.6	3.7	2.9	3.2	5.7	5.0	5.5
10	3.4	2.9	3.0	3.7	3.4	3.5	3.8	3.0	3.4	5.8	5.2	5.3
11	3.4	3.0	3.1	3.7	3.5	3.6	4.1	3.1	3.5	5.9	5.5	5.7
12	3.5	2.9	3.2	3.8	3.2	3.5	3.9	2.9	3.3	5.7	5.3	5.4
13	3.5	2.9	3.2	3.7	3.1	3.4	3.8	2.9	3.3	5.6	5.4	5.5
14	3.4	3.0	3.2	3.6	3.0	3.4	4.2	3.0	3.5	5.8	5.0	5.4
15	3.4	2.9	3.2	3.9	3.4	3.7	4.2	3.2	3.6	8.9	5.6	7.2
16	3.4	2.9	3.2	4.1	3.7	3.9	4.2	3.3	3.7	8.9	6.7	7.4
17	3.3	2.9	3.1	4.1	3.8	4.0	4.1	3.3	3.7	---	---	---
18	3.5	2.9	3.2	4.1	3.6	3.9	4.1	3.3	3.6	---	---	---
19	3.6	3.1	3.4	4.1	3.6	3.9	4.4	3.3	3.6	---	---	---
20	3.5	3.1	3.3	4.1	3.8	4.0	4.1	3.6	3.8	---	---	---
21	3.9	3.4	3.6	4.0	3.6	3.9	4.6	3.6	3.9	---	---	---
22	4.2	3.8	4.0	3.8	3.3	3.7	4.7	3.9	4.1	---	---	---
23	4.3	3.9	4.2	3.7	3.4	3.6	4.7	4.0	4.3	---	---	---
24	4.4	4.0	4.2	3.6	3.0	3.5	4.7	4.1	4.4	2.6	2.4	2.5
25	4.4	4.1	4.3	3.6	3.1	3.5	4.7	4.2	4.4	2.5	2.3	2.4
26	4.5	4.2	4.4	4.1	3.2	3.7	4.7	4.2	4.4	2.3	2.3	2.3
27	4.5	4.1	4.4	4.0	3.4	3.8	4.9	4.2	4.5	2.5	2.2	2.3
28	4.5	4.2	4.4	3.8	2.9	3.5	4.8	4.3	4.5	2.4	2.1	2.2
29	4.5	4.2	4.3	3.5	2.9	3.3	4.9	4.3	4.6	2.4	2.0	2.2
30	4.3	4.0	4.1	3.5	3.0	3.3	5.3	4.8	5.1	2.0	1.6	1.8
31	---	---	---	3.3	2.9	3.2	5.4	4.8	5.2	---	---	---
MONTH	4.5	2.9	3.5	4.2	2.9	3.7	5.4	2.4	3.7	8.9	1.6	4.7
YEAR	11.4	1.3	5.3									

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°47'54'', long 78°45'12'', Horry County, Hydrologic Unit 03040207, on right bank of Atlantic Intracoastal Waterway, at Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at AIW mile 354.1.

PERIOD OF RECORD.--Water years 1984 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: April 1986 to September 1989 (discontinued).

WATER TEMPERATURE: April 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: September 1986 to September 1989 (discontinued).

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sep. 22, 1989; minimum, 50 microsiemens, Sep. 15, 1996.

pH: Maximum 9.2 units, Aug. 13, 1987; minimum, 5.3 units, Sep. 26, 1986.

WATER TEMPERATURE: Maximum, 33.5°C, Jul. 31, 1988; minimum, 2.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 19, 1988; minimum, 2.2 mg/L, Sep. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 13,300 microsiemens, Aug. 10; minimum, 70 microsiemens, several day in May and Sep.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	190	120	135	1780	150	602	430	160	240	190	150	168
2	220	110	136	2050	160	834	1500	160	550	250	150	180
3	160	110	130	4830	180	1150	2760	170	838	240	150	175
4	150	110	126	4130	170	1060	2230	180	676	170	150	156
5	160	110	126	10100	190	2330	3480	180	955	170	150	158
6	240	110	148	8100	230	2110	2620	190	857	170	150	159
7	300	120	167	1380	180	552	---	---	---	170	150	158
8	220	110	141	850	160	332	---	---	---	170	150	158
9	220	110	141	570	160	265	240	190	212	170	150	158
10	230	120	148	380	160	230	590	190	294	160	150	154
11	240	120	150	210	140	177	340	190	256	170	150	155
12	150	120	138	220	130	168	310	190	228	160	140	152
13	150	110	134	280	150	195	250	180	206	170	140	154
14	140	110	127	240	150	188	270	160	203	160	140	153
15	140	110	124	220	160	179	480	160	260	170	140	153
16	140	110	124	240	160	188	---	---	---	160	150	156
17	140	110	125	280	160	197	---	---	---	170	150	158
18	140	110	126	690	160	289	---	---	---	160	140	151
19	140	110	126	530	170	242	411	148	208	160	140	149
20	140	110	127	250	160	191	185	148	169	160	140	149
21	170	120	138	190	150	174	191	156	170	160	140	148
22	150	120	140	290	150	193	200	150	176	160	140	147
23	320	130	172	210	150	177	230	160	183	150	130	141
24	160	130	146	190	150	169	---	---	---	170	130	139
25	150	120	138	440	150	217	180	160	172	150	100	121
26	150	120	136	210	150	179	180	160	170	130	100	106
27	210	120	146	190	150	173	170	160	169	120	100	109
28	370	130	181	200	160	180	180	150	166	210	100	118
29	310	130	168	190	160	179	180	160	164	170	100	115
30	390	130	193	250	160	191	180	160	164	120	100	109
31	1040	140	310	---	---	---	180	150	168	110	100	106
MONTH	1040	110	147	10100	130	444	3480	148	314	250	100	146

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	110	100	103	130	100	110	220	120	139	170	140	156
2	110	100	105	120	110	115	220	130	139	160	130	146
3	110	100	102	140	110	118	150	120	132	150	120	135
4	110	90	100	120	100	111	140	110	128	150	110	119
5	110	90	100	130	110	117	150	110	121	130	100	113
6	100	90	96	130	110	117	140	110	123	120	90	106
7	110	90	93	130	110	118	130	110	116	120	90	101
8	100	90	91	140	110	119	120	110	114	110	90	94
9	100	90	91	130	110	125	140	110	119	100	80	89
10	100	90	90	130	110	125	120	110	116	100	80	84
11	90	90	90	140	120	128	140	110	122	100	80	81
12	100	90	92	130	120	125	190	110	126	100	80	81
13	100	90	92	130	110	125	150	110	127	100	70	79
14	100	90	92	170	110	135	140	120	127	100	70	82
15	100	90	93	160	120	126	160	120	132	100	80	84
16	110	90	94	140	120	131	160	110	132	100	70	84
17	100	90	95	140	130	136	160	110	131	100	70	80
18	110	90	98	150	130	138	180	120	138	100	70	79
19	110	90	100	160	130	144	200	120	146	90	70	76
20	120	100	104	160	130	145	230	120	158	90	70	74
21	110	100	105	180	120	151	210	130	159	100	70	76
22	110	100	103	150	130	134	420	130	204	90	70	78
23	120	100	102	150	130	138	170	130	151	90	70	78
24	110	100	102	160	130	142	250	130	157	80	70	79
25	110	100	103	220	130	141	240	130	171	90	80	82
26	110	100	105	160	130	142	170	130	152	90	80	84
27	110	100	107	160	140	143	280	130	161	100	80	88
28	120	100	108	160	130	143	220	130	169	100	80	90
29	---	---	---	160	130	136	210	140	164	100	80	90
30	---	---	---	150	120	131	200	150	168	100	80	91
31	---	---	---	140	120	129	---	---	---	100	80	94
MONTH	120	90	98	220	100	130	420	110	141	170	70	93

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	90	96	570	140	226	420	140	211	1090	180	427
2	110	90	98	340	140	186	260	140	191	1410	190	587
3	110	90	102	230	140	166	630	140	257	2340	190	676
4	120	100	108	200	140	162	660	150	284	390	170	265
5	170	100	123	200	140	160	400	140	210	210	150	181
6	130	100	119	170	140	156	480	130	216	410	150	207
7	130	100	120	190	130	159	680	130	252	270	150	186
8	130	100	120	350	140	186	1170	130	337	220	160	187
9	190	100	132	990	150	313	5740	130	927	230	170	192
10	910	110	256	1470	160	390	13300	180	3000	230	170	197
11	11600	130	2160	7210	160	1140	10900	240	2760	250	170	199
12	12000	190	2850	12200	210	2680	7950	230	2040	220	170	194
13	8940	200	2240	9530	200	1670	5740	250	1640	220	160	182
14	7730	190	1430	3500	180	726	3710	220	1230	190	150	172
15	5590	160	966	1180	160	354	1230	200	620	200	120	167
16	1180	150	366	330	150	201	730	180	397	140	100	116
17	870	160	322	200	140	171	500	180	318	130	80	96
18	640	160	288	180	140	159	380	170	269	160	70	84
19	540	170	267	200	130	153	520	170	256	100	80	86
20	200	140	179	280	130	156	450	160	249	100	80	87
21	190	130	158	210	130	160	310	150	210	160	90	112
22	170	130	148	200	140	168	1740	160	450	120	80	94
23	250	130	162	190	130	160	2370	170	581	100	70	82
24	190	130	156	190	130	153	1210	160	410	90	70	75
25	190	120	148	190	130	154	780	160	318	80	70	76
26	180	120	142	230	120	157	940	160	303	80	70	71
27	190	120	139	480	130	187	1050	170	362	80	70	73
28	210	120	141	620	130	222	2660	180	538	80	70	73
29	300	130	152	620	140	239	3690	210	1290	100	80	83
30	480	140	181	530	140	216	---	---	---	90	80	81
31	---	---	---	490	140	214	---	---	---	---	---	---
MONTH	12000	90	462	12200	120	372	13300	130	694	2340	70	177
YEAR	13300	70	266									

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC

LOCATION.--Lat 33°44'26'', long 78°52'01'', Horry County, Hydrologic Unit 03040207, on East bank of the Atlantic Intracoastal Waterway, 50 ft south of Black Creek, 3.5 mi northest of Myrtle Beach and at AIW mile 361.8.

PERIOD OF RECORD.--Water years 1986 to 1989, to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1986 to September 1989, February 1994 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: February 1986 to September 1989 (discontinued).

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, Nov. 26, 1996; minimum, 32 microsiemens, Sep. 19, 20, 22, 1996.

pH: Maximum, 8.0 units, Aug. 22, 1988; minimum, 5.2 units, Sept. 22, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 21, 1986, Jul. 11, 1987; minimum, 6.0°C, Jan. 29, 1987, Dec. 18, 19, 1988.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 21, 1988; minimum, 1.1 mg/L, Sep. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 184 microsiemens, Dec. 6; minimum, 40 microsiemens, Sep. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	121	107	115	157	136	147	166	152	159	150	140	144
2	126	107	117	161	137	150	171	152	164	147	137	143
3	124	111	118	164	139	152	176	159	168	148	143	146
4	120	99	108	167	139	153	177	161	170	147	141	144
5	118	102	108	177	145	162	181	162	173	147	141	144
6	119	101	111	179	147	163	184	164	175	147	142	145
7	119	102	112	167	139	153	181	161	172	148	140	145
8	119	104	112	160	136	148	177	161	170	151	145	148
9	126	112	120	159	137	149	176	160	168	150	144	147
10	131	111	122	159	140	150	179	162	172	150	144	146
11	130	106	119	154	140	147	177	161	169	146	141	144
12	119	103	113	157	144	150	174	158	166	147	140	143
13	121	105	112	162	150	156	170	157	163	144	140	142
14	118	107	113	165	150	158	169	156	163	148	139	141
15	122	104	113	166	149	158	172	156	164	148	140	144
16	122	107	114	168	151	159	169	157	164	149	140	145
17	126	110	116	169	148	159	170	155	163	145	136	141
18	127	113	118	171	148	159	165	155	159	143	136	139
19	126	114	119	168	148	157	167	157	162	142	134	139
20	128	115	121	163	149	157	167	158	163	139	133	137
21	133	117	125	162	147	155	163	152	159	138	131	136
22	138	120	127	161	145	154	160	148	152	136	129	133
23	139	121	129	159	145	152	157	151	153	134	128	131
24	135	119	127	156	147	152	156	149	152	141	119	131
25	130	117	123	162	151	156	156	149	153	121	103	112
26	131	118	123	163	153	158	166	151	157	113	106	110
27	135	119	126	166	153	160	157	148	151	115	110	112
28	141	123	131	166	152	160	156	147	151	112	108	111
29	141	125	133	163	152	158	153	149	150	113	108	110
30	145	130	137	163	151	158	154	145	149	111	107	109
31	151	132	141	---	---	---	151	140	146	109	104	107
MONTH	151	99	120	179	136	155	184	140	161	151	103	134

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	106	101	104	107	101	104	130	90	108	160	120	128
2	113	104	110	108	102	106	120	100	106	150	100	116
3	109	104	106	110	80	97	110	100	100	130	90	102
4	110	101	104	90	80	86	110	90	96	100	90	93
5	107	101	104	90	80	90	100	90	91	100	80	92
6	103	100	101	100	80	90	100	90	92	90	80	84
7	102	98	100	90	90	90	100	80	90	90	80	81
8	101	98	99	100	90	90	100	80	90	90	80	81
9	101	96	99	100	90	94	100	90	91	90	70	80
10	99	96	98	100	90	95	100	80	90	90	70	74
11	99	94	97	100	90	95	100	90	92	80	70	73
12	98	95	97	100	90	93	100	90	91	80	70	73
13	100	96	98	100	90	93	110	90	94	80	70	71
14	98	95	97	120	90	97	100	90	94	80	70	73
15	103	94	97	110	100	103	110	90	95	80	70	72
16	98	94	96	120	100	106	110	90	93	80	70	75
17	103	94	97	110	100	106	100	90	94	70	60	64
18	100	94	97	110	100	108	100	90	95	70	60	65
19	102	96	100	110	100	105	100	90	96	70	60	65
20	105	100	103	110	90	103	110	90	99	70	60	66
21	105	100	103	130	100	108	110	90	103	70	60	64
22	104	99	101	120	100	111	120	90	106	70	60	66
23	103	99	102	120	80	109	110	90	102	70	60	65
24	105	98	101	120	100	109	110	90	103	70	60	66
25	103	98	101	130	100	110	120	100	106	70	60	65
26	103	98	101	150	120	123	110	90	103	70	60	68
27	104	99	101	130	110	119	110	90	102	70	60	68
28	106	99	102	120	100	110	140	100	115	70	60	69
29	---	---	---	110	100	105	140	120	129	70	60	68
30	---	---	---	110	100	103	150	130	138	70	60	68
31	---	---	---	110	90	100	---	---	---	80	70	74
MONTH	113	94	101	150	80	102	150	80	100	160	60	76

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	80	70	75	130	100	115	130	100	113	150	130	139
2	80	70	76	130	110	121	120	100	112	160	130	142
3	80	70	75	150	110	119	130	100	115	160	130	142
4	80	70	73	130	110	116	130	100	115	150	120	134
5	80	70	74	120	100	113	120	100	111	130	120	124
6	90	70	81	130	100	114	120	100	111	140	120	131
7	90	80	82	130	110	123	120	100	110	150	110	135
8	80	70	77	140	110	126	120	100	112	160	130	150
9	80	70	76	140	110	127	130	110	118	160	130	148
10	90	70	80	140	110	127	150	120	131	160	130	142
11	130	70	102	160	110	130	150	130	137	150	120	136
12	140	90	115	160	120	142	---	---	---	140	120	133
13	140	90	117	170	120	142	---	---	---	140	120	130
14	140	90	116	170	120	138	---	---	---	140	110	130
15	150	100	124	150	120	133	---	---	---	160	70	128
16	150	120	136	140	110	124	---	---	---	80	50	65
17	160	120	139	130	110	118	---	---	---	70	40	53
18	160	120	138	130	110	116	140	130	136	60	50	51
19	160	110	135	120	100	112	140	120	125	70	60	61
20	130	100	114	110	100	104	140	120	133	80	50	56
21	120	100	109	120	100	108	140	130	133	80	60	66
22	120	90	103	120	100	114	140	120	132	80	50	60
23	110	90	100	120	100	110	150	138	143	60	50	52
24	110	90	99	120	100	105	155	126	135	70	50	51
25	110	90	96	120	100	106	145	123	134	60	50	52
26	110	90	98	120	100	106	142	119	129	60	50	50
27	110	100	102	120	100	107	139	116	128	60	50	52
28	110	100	103	120	100	111	146	113	128	70	50	56
29	120	100	110	120	100	113	143	119	131	70	60	62
30	120	100	112	120	100	113	159	117	136	70	60	62
31	---	---	---	130	100	114	150	105	134	---	---	---
MONTH	160	70	101	170	100	118	159	100	126	160	40	96
YEAR	184	40	116									

02110770 AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°49'19'', long 78°42'57'', Horry County, Hydrologic Unit 03040207, at east bank of Atlantic Intracoastal Waterway, 1000 ft northwest of north end of runway, 9.5 mi south of junction of Little River Inlet, and at AIW mile 351.5.

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Water years 1987 to current year.

INSTRUMENTATION.--Data collection platform.

REMARKS.--Prior to Oct. 1, 1990, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens, Sep. 22, 1989; minimum, 42 microsiemens, Aug. 30, 31, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 27,900 microsiemens, Nov. 6, Aug. 10; minimum, 100 microsiemens, many days.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	620	120	196	15700	210	4650	5880	200	1350	1160	170	302
2	2800	130	469	17600	270	5810	13200	200	3440	4270	160	805
3	1500	130	371	21600	320	6690	17800	220	4420	2410	160	335
4	970	130	276	22000	290	6600	18400	230	4040	300	160	172
5	1970	100	399	27400	350	9720	20500	240	5120	310	160	175
6	3860	130	821	27900	640	8770	20000	270	4830	220	160	172
7	6770	140	1160	16200	280	3270	16600	250	3370	180	160	165
8	4860	140	764	12500	220	2220	11800	240	2110	180	160	165
9	2530	120	433	11300	220	2260	3520	230	877	180	160	166
10	3710	100	575	10200	210	2050	12600	250	3110	170	160	163
11	3830	140	569	2980	180	582	9900	240	2600	170	160	162
12	1420	150	323	3350	180	652	9190	230	2000	170	150	159
13	1320	140	310	7080	190	1550	6210	220	979	170	150	160
14	870	140	270	5300	190	1230	4350	210	1200	180	160	162
15	940	130	263	4920	190	946	11600	230	2870	250	150	168
16	1050	130	284	6090	190	1310	4920	220	872	440	150	187
17	670	100	255	6670	200	1230	8170	210	1170	260	160	174
18	670	140	241	10400	200	2180	4910	200	848	200	150	161
19	640	110	212	9460	210	1650	7480	200	1160	170	150	155
20	530	120	220	4860	200	730	1850	190	360	200	150	160
21	2000	140	412	1950	190	403	1030	190	281	220	150	160
22	1370	150	333	4330	190	750	530	180	240	180	150	155
23	6000	150	946	3110	190	524	2170	180	412	160	140	149
24	2260	160	421	1350	180	323	810	170	257	150	130	139
25	730	150	233	7580	190	1250	920	170	278	140	110	128
26	1160	150	282	3230	190	682	590	170	223	130	110	114
27	3820	150	576	1920	190	455	280	170	189	120	110	118
28	9940	160	1660	3260	190	814	280	160	186	120	120	120
29	7240	160	1150	1970	190	570	410	160	196	120	120	120
30	8680	170	1770	---	---	---	450	170	203	120	120	120
31	12000	170	2610	---	---	---	1080	170	293	120	110	114
MONTH	12000	100	607	27900	180	2410	20500	160	1600	4270	110	184

02110770 AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	110	110	110	150	110	119	140	120	131	240	160	166
2	110	110	110	360	110	151	140	120	127	170	140	151
3	110	100	106	300	110	144	140	120	132	150	130	139
4	100	100	100	170	110	117	140	120	129	140	120	127
5	100	100	100	170	110	130	130	120	124	130	110	121
6	100	100	100	180	120	132	140	110	124	120	110	113
7	100	100	100	150	120	125	130	110	114	120	100	104
8	100	100	100	150	120	130	120	110	113	110	100	102
9	100	100	100	200	120	141	120	110	118	100	100	100
10	100	100	100	210	120	136	170	110	126	100	100	100
11	100	100	100	950	130	200	410	120	155	100	100	100
12	100	100	100	300	120	151	160	120	130	100	100	100
13	100	100	100	360	120	166	410	120	174	100	100	100
14	100	100	100	1960	120	379	840	120	225	100	100	100
15	100	100	100	140	120	129	2030	130	383	100	100	100
16	110	100	100	370	130	175	1300	120	234	100	100	100
17	110	100	101	480	130	193	1940	120	282	100	100	100
18	110	100	103	430	140	190	2600	130	329	100	100	100
19	110	100	107	1590	140	317	2630	130	419	100	100	100
20	120	110	110	1590	140	276	2770	140	451	100	100	100
21	120	110	111	1620	140	310	1670	150	459	100	100	100
22	120	110	112	190	130	143	6100	150	876	100	100	100
23	110	110	110	180	140	149	1280	140	306	100	100	100
24	120	100	110	220	140	153	2480	140	468	100	100	100
25	110	100	109	190	140	150	3760	160	863	100	100	100
26	120	110	112	470	140	168	1170	150	348	100	100	100
27	130	110	114	160	140	149	3490	150	567	120	100	102
28	140	110	115	160	140	148	3240	160	751	130	100	104
29	---	---	---	150	130	142	2830	160	500	130	100	104
30	---	---	---	150	130	137	1930	170	440	180	100	109
31	---	---	---	140	130	135	---	---	---	210	100	112
MONTH	140	100	105	1960	110	170	6100	110	320	240	100	108

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	310	100	117	6980	160	927	8460	170	1430	15300	250	3850
2	310	100	124	5160	160	723	6100	180	1480	17200	310	5390
3	290	110	129	3220	160	514	11700	180	2850	19700	300	5750
4	380	110	155	1910	160	399	12500	190	3060	8050	220	1790
5	1780	120	340	960	160	307	8830	170	1540	2060	170	396
6	1260	120	255	1090	160	338	8190	160	1400	5960	170	965
7	720	120	246	1390	150	334	9440	150	1540	1340	180	332
8	870	120	288	4540	160	809	11600	150	2200	1480	180	380
9	1940	120	398	9330	160	1730	18000	160	3840	2190	190	501
10	8100	130	1540	12000	170	2260	27900	540	9710	1310	190	369
11	23900	160	6670	20400	190	4230	25700	610	9810	1290	200	409
12	27200	480	9770	27600	410	9390	23700	590	8410	1290	200	354
13	25500	410	8530	22100	370	7130	23600	560	7560	760	190	297
14	23000	300	6090	16700	240	3060	22200	480	6110	770	180	276
15	21100	250	4410	12400	190	1280	16000	340	4100	1550	170	357
16	13300	190	1700	3760	170	552	12200	270	2810	170	110	137
17	9510	190	1820	1130	170	313	9310	240	2380	150	100	112
18	9410	200	2120	750	160	249	8140	210	1900	110	100	101
19	11000	200	2070	290	150	187	8930	190	1600	100	100	100
20	690	180	262	300	140	177	8310	200	1710	120	100	102
21	490	160	227	1770	150	374	5030	190	921	120	100	106
22	780	150	263	4120	160	693	13400	200	2750	120	100	105
23	3870	150	608	1820	150	358	15700	220	3920	110	100	101
24	1820	150	403	2030	150	345	13200	220	2850	120	100	102
25	1490	140	322	2190	150	409	11100	200	2180	100	100	100
26	1330	140	275	3260	140	521	10700	190	1930	100	100	100
27	1340	130	273	7160	150	1110	11100	210	2390	100	100	100
28	2010	140	337	8950	160	1430	16300	240	3530	100	100	100
29	3960	140	524	8650	170	1560	22900	370	6800	100	100	100
30	6980	150	839	8770	170	1450	25900	280	7530	100	100	100
31	---	---	---	8770	170	1440	11900	260	2550	---	---	---
MONTH	27200	100	1700	27600	140	1440	27900	150	3640	19700	100	766
YEAR	27900	100	1090									

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

LOCATION.--Lat 33°51'05'', long 78°39'22'', Horry County, Hydrologic Unit 03040207, near east bank of the Atlantic Intracoastal Waterway, downstream side of bridge, 0.5 mi southeast of Nixons Crossroads, 5.2 mi south of junction of Little River Inlet and at AIW mile 347.3.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 11.72 ft below sea level.

REMARKS.--Records poor. Discharge records for the 1990-99 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Two auxiliary stations (02110704 and 02110802) are used in conjunction with this station for computation of discharge. Negative daily mean discharges are computed on many days, which are caused by two complete incoming and only one complete outgoing tide cycles during the day.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1310	-69	-60	504	1330	273	1520	1370	583	425	802	262
2	366	-18	-316	-174	1610	579	e1600	1400	656	458	605	662
3	1120	145	-88	1570	1640	958	e1700	1470	670	363	587	644
4	1080	26	16	773	1480	762	e1800	1540	e660	631	1050	1170
5	607	-355	-110	310	940	568	e1900	2020	e650	712	663	488
6	504	277	174	229	1070	759	e2000	2240	e640	454	497	-462
7	756	396	437	764	633	997	e2100	2130	e630	942	181	-732
8	780	315	532	474	349	1070	e2200	2340	e620	568	-7	-552
9	667	357	417	1140	512	1540	e2300	2220	e605	87	-278	-495
10	781	320	307	1220	1260	1770	e2400	1980	591	42	-247	-914
11	710	663	394	742	679	1580	e2500	1780	-284	-220	227	-263
12	1110	45	420	675	676	1700	2420	1870	192	-213	173	391
13	650	24	482	948	1100	1540	2270	1810	222	45	109	515
14	565	151	-29	784	918	1100	2920	1530	188	12	356	507
15	330	59	-69	851	-242	-215	1990	1510	3	16	343	e1000
16	242	-41	398	829	1540	1010	2810	1590	-506	140	420	e1000
17	700	44	392	1030	765	e1000	e2400	1690	-263	359	315	e1500
18	797	-21	142	1010	735	e950	e2000	1980	120	664	499	e1600
19	533	265	379	843	1070	e850	e1600	2340	662	1080	e400	e1900
20	258	281	562	829	1160	e750	1140	2180	672	655	e420	e2700
21	100	231	365	754	1040	e650	1570	2170	317	132	e450	e4900
22	261	133	845	570	1190	650	1370	2000	241	173	e470	e5200
23	253	598	250	884	1070	616	1100	1780	61	e200	e500	e6500
24	604	135	815	1070	1170	594	368	1390	349	e260	e520	e7000
25	559	115	620	1100	1020	346	44	1120	298	e320	e540	e7000
26	329	506	908	780	808	-265	969	997	309	e380	e560	e6500
27	107	397	945	695	623	1330	618	827	324	e420	e580	e6100
28	205	75	999	768	600	1390	566	957	232	482	e585	e5200
29	314	119	552	727	---	1320	438	813	103	370	e590	e5300
30	239	39	839	799	---	1520	819	741	109	350	592	e5000
31	-56	---	299	1510	---	1990	---	640	---	750	23	---
TOTAL	16781	5212	11817	25008	26746	29682	49432	50425	9654	11057	12525	69621
MEAN	541	174	381	807	955	957	1648	1627	322	357	404	2321
MAX	1310	663	999	1570	1640	1990	2920	2340	672	1080	1050	7000
MIN	-56	-355	-316	-174	-242	-265	44	640	-506	-220	-278	-914

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

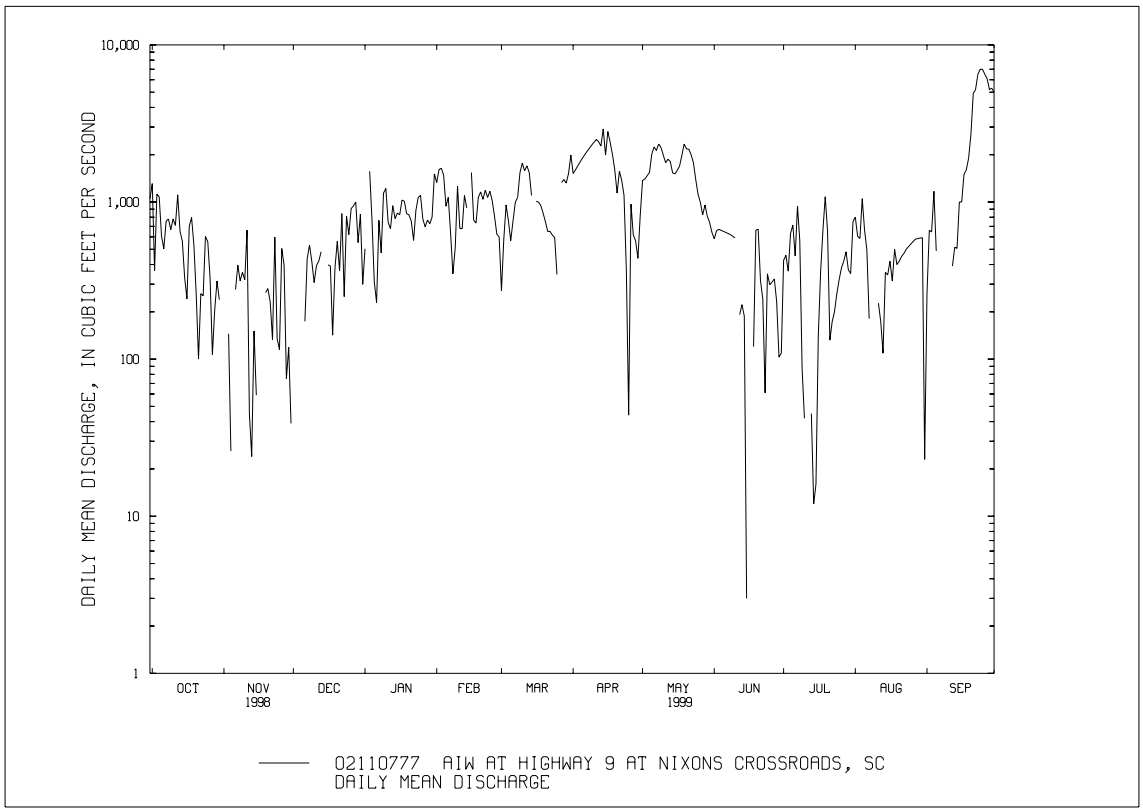
MEAN	1767	1101	1206	2031	2429	2267	1646	840	595	823	958	1635
MAX	5913	2915	3363	5361	6786	5058	3250	1627	1472	2027	2562	6815
(WY)	1997	1996	1995	1995	1998	1998	1993	1999	1992	1996	1996	1996
MIN	373	174	379	807	955	957	432	-15.0	304	196	303	329
(WY)	1998	1999	1992	1999	1999	1999	1995	1995	1997	1997	1998	1990

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR			FOR 1999 WATER YEAR			WATER YEARS 1990 - 1999		
ANNUAL TOTAL	688868			317960					
ANNUAL MEAN	1887			871			1588		
HIGHEST ANNUAL MEAN							2130		1996
LOWEST ANNUAL MEAN							871		1999
HIGHEST DAILY MEAN	9790	Feb	9	7000	* Sep	24	10000	Sep 16	1996
LOWEST DAILY MEAN	-886	Sep	3	-914	Sep	10	-914	Sep 10	1999
ANNUAL SEVEN-DAY MINIMUM	-257	Aug	4	-432	Sep	6	-432	Sep 6	1999
INSTANTANEOUS PEAK STAGE				18.20	Sep	15	18.37	Oct 8	1996
10 PERCENT EXCEEDS	5280			1930			2970		
50 PERCENT EXCEEDS	1110			630			1020		
90 PERCENT EXCEEDS	25			25			173		

* Also occurred Sep. 25.

e Estimated



02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to current year.

pH: April 1986 to September 1989 (discontinued).

WATER TEMPERATURE: April 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 59,100 microsiemens, May 4, 1995; minimum, 50 microsiemens, Feb. 10 - 12, 1996.

pH: Maximum, 8.5 units, Nov. 3, 1987; minimum, 5.0 units, Nov. 22, 1987.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 1, 1999; minimum, 2.0°C, Dec. 23 - 26, 28, 1989.

DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, 1988; minimum, 0.6 mg/L, Sep. 16, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 46,600 microsiemens, Aug. 10; minimum, 80 microsiemens, Sep. 25-30.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 1; minimum, 7.0°C, Jan. 7.

DISSOLVED OXYGEN: Maximum, 9.8 mg/L, Jan. 14, 17; minimum, 1.8 mg/L, Oct. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	15900	390	5700	32800	8220	21700	32400	1190	15000	31300	370	7690
2	25600	510	8000	36200	8480	23200	40700	1890	21600	36300	390	13200
3	25000	500	8730	39200	11300	25600	43900	3620	24300	27800	410	9580
4	22500	410	7480	38900	8040	25100	44000	2970	23800	14500	190	2480
5	24500	590	8570	41800	9220	29000	45100	2730	25900	11900	210	2290
6	30200	870	12200	41800	15600	29500	43400	5120	26100	9540	220	2180
7	33100	1640	14300	38300	3050	19900	38600	4350	22200	3110	180	934
8	30600	890	11100	34800	1370	16600	34400	2930	18000	4230	190	1200
9	25900	440	8180	31500	2330	16300	26800	2290	14700	7550	190	1620
10	24200	610	8440	27900	3380	15900	33100	6470	21100	4240	180	1060
11	23700	690	8550	21300	630	10500	31200	5100	20400	8350	180	1560
12	19600	570	7220	24800	690	10600	30900	2290	19600	4170	180	852
13	19000	630	6850	30000	1930	16900	29500	830	14000	6460	170	1240
14	17000	670	7060	28200	3420	16600	26700	690	15200	9370	190	1880
15	15900	550	6270	27600	1940	13900	33300	4480	20100	13500	210	2230
16	17700	560	6570	27300	1570	15000	28700	1620	15100	19900	200	3790
17	14400	570	6160	29300	3220	14900	31500	1010	11600	12000	290	2680
18	15700	510	5640	33100	1600	17400	31300	540	11700	10300	230	1480
19	15300	490	5020	32400	2430	16100	32700	850	12800	6510	190	1140
20	12900	350	4840	28100	1110	11400	26300	460	7310	10100	190	1920
21	20400	510	7950	21400	530	8910	22200	370	5910	10600	230	2200
22	17500	560	7240	27100	740	11200	16400	420	4360	6880	230	1650
23	25600	850	11000	26400	830	9490	30300	260	7370	3890	210	1290
24	22400	720	8670	21600	440	7640	19200	470	6330	1950	170	454
25	16400	330	5340	28900	1640	13600	19000	490	6200	210	140	174
26	18600	370	5860	24800	1180	11400	19100	340	5650	210	130	155
27	21500	610	8630	22000	900	9620	11600	300	3590	290	130	158
28	26600	1960	13200	24500	1240	12600	13500	220	2800	220	130	154
29	25100	1150	12300	23100	1090	11300	21800	220	4810	1480	130	355
30	26500	2700	14500	27400	970	12400	24100	300	4260	6430	140	755
31	30100	3240	16800	---	---	---	30700	220	7700	4100	130	590
MONTH	33100	330	8660	41800	440	15800	45100	220	13500	36300	130	2220

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3100	130	483	11000	150	2770	1140	150	384	9790	190	1160
2	340	120	149	20800	220	4500	280	140	172	1020	170	271
3	130	120	129	17100	230	3120	650	140	264	1230	150	255
4	130	110	121	11000	150	1720	470	130	202	3010	150	314
5	120	110	120	8600	210	2660	6690	140	427	3010	140	355
6	120	110	115	6900	180	1680	6730	140	1030	330	130	155
7	120	110	110	5090	160	997	680	120	194	260	120	146
8	120	110	111	6490	190	2060	1600	120	285	210	120	141
9	120	110	111	12500	300	4230	7200	130	1710	170	110	129
10	110	110	110	10200	260	2950	9060	130	2810	200	110	128
11	120	110	111	18000	380	6570	15500	260	4640	400	100	153
12	120	110	111	15700	290	4560	10200	190	2570	280	110	141
13	120	110	114	15500	290	5340	21500	210	6100	810	100	168
14	170	110	127	22900	350	9760	21400	350	6590	6000	110	667
15	530	110	169	9390	210	1930	30500	460	9540	9880	110	1180
16	790	110	223	16700	200	4930	27200	270	6080	14700	120	1530
17	1970	110	400	17700	340	5410	30200	280	7270	14700	120	1360
18	3900	120	686	17000	280	4990	30800	310	7720	7190	120	626
19	10800	120	1720	26600	330	7450	29200	380	8000	3730	110	291
20	9820	150	1510	27400	390	7030	28900	340	7340	390	100	169
21	7280	130	1070	27400	360	6540	23900	930	9420	320	100	147
22	4460	130	740	8760	170	1830	28800	480	9790	190	100	132
23	4430	130	795	7690	190	1820	19600	380	6920	200	100	130
24	8550	130	1040	8840	180	1780	24600	420	8540	350	100	157
25	8430	150	1590	10800	190	1850	26800	1650	13000	2860	110	412
26	4340	140	1260	14000	190	2410	20600	650	8840	5770	120	756
27	7240	150	1850	5270	180	1010	24700	500	8900	11700	130	1450
28	12400	150	1790	5730	170	1070	26100	1590	11700	5850	150	1060
29	---	---	---	3820	160	844	28600	610	10100	6230	130	1020
30	---	---	---	5350	160	1050	22600	1830	10500	10400	140	1330
31	---	---	---	2470	150	789	---	---	---	10100	160	1680
MONTH	12400	110	602	27400	150	3410	30800	120	5700	14700	100	568

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12800	190	2130	24200	650	9920	32500	1770	15300	37100	6350	23100
2	11600	230	2270	24200	750	9600	29100	3310	15900	38200	11700	26500
3	11600	230	2070	22700	540	7840	35700	4650	20600	40900	13200	27500
4	15200	290	3800	21500	450	6850	34700	4680	21500	34700	1560	20300
5	20500	600	7150	16800	490	5840	33700	1380	17000	26200	420	9710
6	18400	350	5780	17200	580	6480	33300	900	15700	32400	750	11900
7	13700	440	5850	19800	380	6550	35200	800	15400	23400	440	7950
8	18200	470	7240	23900	630	11200	38100	1190	17400	26400	500	7760
9	21000	490	7040	30100	830	13700	44100	1700	19600	26800	860	10100
10	29000	820	11800	34200	960	14900	46600	15500	31200	24600	670	8680
11	40500	3880	21400	40400	1310	18000	45000	13800	32300	25000	760	9610
12	41500	11700	27900	40200	11400	27100	44300	13300	31100	20600	900	9080
13	41400	8740	27600	37400	7770	25300	42000	16000	30500	19800	680	7870
14	39900	4870	24800	33600	2150	19000	41200	14000	28700	20800	560	7400
15	35700	3260	21200	28800	690	12300	37100	8100	24500	16700	270	5980
16	33200	1000	14000	28100	600	8140	35300	4520	19500	270	110	146
17	33200	1600	13900	18600	450	5700	28600	4410	17800	150	110	129
18	30500	3440	15400	14100	370	4130	28000	3540	16200	120	90	108
19	28900	2250	15300	7640	300	2650	29200	1380	15000	120	90	104
20	20600	430	6820	10200	210	2510	28200	2450	15700	130	100	109
21	13700	350	4470	18000	410	6360	25500	990	12700	140	110	123
22	13300	400	5470	20800	960	9920	31500	2750	16600	130	100	113
23	23000	630	8870	---	---	---	35900	6600	21400	120	90	99
24	19700	530	8760	---	---	---	35900	3350	20600	110	90	94
25	17700	360	6490	---	---	---	34400	1990	18300	100	80	90
26	17100	310	5340	---	---	---	35800	1720	17200	90	80	85
27	18400	270	5060	---	---	---	31900	3560	17600	100	80	89
28	19600	330	5200	32800	1170	13800	37400	6810	20500	90	80	85
29	24500	450	7170	31800	1430	15400	43900	14700	27500	110	80	94
30	28000	640	9910	32400	2280	15700	43900	4230	25200	100	80	92
31	---	---	---	32500	2200	15900	35700	4970	20000	---	---	---
MONTH	41500	190	10300	40400	210	11300	46600	800	20600	40900	80	6500
YEAR	46600	80	8280									

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.0	26.5	27.0	21.0	20.0	20.5	18.0	16.5	17.0	9.5	9.0	9.5
2	27.0	25.5	26.5	20.5	20.0	20.5	17.5	17.0	17.5	9.5	8.5	9.0
3	26.0	25.5	26.0	21.0	20.5	20.5	18.0	17.0	17.5	10.5	9.5	10.0
4	25.5	25.5	25.5	20.5	19.0	20.0	18.0	17.0	17.5	10.0	9.0	9.5
5	26.5	25.0	25.5	19.0	17.5	18.5	18.0	17.0	17.5	9.5	8.5	8.5
6	25.5	25.0	25.5	17.5	16.0	17.0	18.5	17.5	18.0	8.5	7.5	8.0
7	26.0	24.5	25.0	16.5	15.5	16.0	19.0	17.5	18.5	8.0	7.0	7.5
8	25.5	25.0	25.0	16.0	15.0	15.5	19.5	18.0	18.5	8.0	7.5	8.0
9	25.5	25.0	25.0	16.0	15.5	15.5	19.0	18.0	18.5	9.0	8.0	8.5
10	25.0	24.0	24.5	17.0	16.0	16.5	18.0	17.0	17.5	9.0	8.0	8.5
11	24.5	23.5	24.0	18.0	17.0	17.5	17.0	16.0	16.5	8.5	8.0	8.0
12	24.5	23.5	24.0	18.0	16.5	17.5	16.5	15.0	15.5	8.5	8.0	8.5
13	24.0	23.0	23.5	17.5	16.5	17.0	16.0	15.5	15.5	9.0	8.0	8.5
14	24.0	23.0	23.5	17.0	16.5	16.5	15.5	14.0	15.0	9.5	8.5	9.0
15	24.0	22.5	23.0	17.0	16.5	17.0	14.5	13.0	13.5	10.5	9.5	10.0
16	23.0	22.0	23.0	17.0	16.5	16.5	14.0	13.0	13.5	10.5	9.5	10.0
17	23.0	22.0	22.5	18.0	17.0	17.5	13.5	12.5	13.0	10.5	9.5	10.0
18	23.5	22.0	22.5	17.5	17.0	17.5	12.5	12.0	12.5	11.5	10.5	11.0
19	23.5	22.5	23.0	17.0	16.5	17.0	12.0	11.5	12.0	12.0	10.5	11.0
20	23.5	22.5	23.0	17.5	16.5	17.0	13.0	12.0	12.5	12.0	10.5	11.0
21	23.0	21.5	22.5	17.0	16.5	17.0	13.5	12.5	13.0	12.5	11.5	12.0
22	21.5	20.0	21.5	16.5	16.0	16.0	14.5	13.5	14.0	13.5	12.0	12.5
23	20.0	19.5	19.5	16.5	15.5	16.0	14.0	13.0	13.5	14.5	13.0	13.5
24	20.0	18.5	19.0	18.0	16.5	17.0	13.0	12.0	12.5	14.5	14.0	14.5
25	20.0	18.5	19.0	17.5	16.5	17.0	12.0	10.5	11.0	15.0	14.0	14.5
26	20.0	18.5	19.0	17.5	17.0	17.0	11.0	9.5	10.0	14.5	13.5	14.0
27	20.0	18.5	19.0	17.0	16.5	16.5	10.0	9.0	9.5	14.5	14.0	14.5
28	20.0	18.5	19.5	17.0	16.0	16.5	10.0	9.5	10.0	15.5	14.0	14.5
29	20.0	18.5	19.5	17.0	15.5	16.5	10.5	10.0	10.0	15.5	14.5	15.0
30	20.5	19.0	19.5	17.0	16.0	16.5	10.5	9.5	10.0	14.5	14.0	14.5
31	21.0	19.5	20.0	---	---	---	10.0	9.0	9.5	14.0	12.5	13.0
MONTH	28.0	18.5	22.8	21.0	15.0	17.2	19.5	9.0	14.2	15.5	7.0	10.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	12.0	12.0	12.0	10.5	11.5	16.5	16.0	16.5	16.5	15.0	15.5
2	13.5	12.0	12.5	12.5	11.0	11.5	18.0	16.0	17.0	15.5	14.5	15.0
3	13.0	12.5	12.5	13.0	11.5	12.0	19.0	17.0	18.0	17.0	14.5	16.0
4	14.0	12.5	13.0	12.5	10.5	11.5	20.0	18.0	19.0	18.5	16.0	17.0
5	13.5	13.0	13.0	12.5	11.0	11.5	20.5	19.0	19.5	19.0	17.5	18.0
6	14.0	12.5	13.0	13.0	11.0	12.0	20.0	19.0	19.5	19.5	18.0	18.5
7	14.0	13.0	13.5	13.5	12.0	12.5	21.0	19.5	20.0	20.5	18.5	19.5
8	15.0	13.5	14.0	12.5	11.0	12.0	21.5	20.0	21.0	21.5	19.5	20.5
9	15.0	13.5	14.5	12.0	11.0	11.5	21.5	21.0	21.0	22.0	20.0	21.0
10	15.5	14.5	15.0	11.5	11.0	11.0	22.0	20.5	21.5	22.5	21.0	21.5
11	15.5	14.5	15.0	12.0	10.5	11.0	22.5	20.5	21.5	22.5	21.5	22.0
12	16.5	15.0	15.5	12.0	10.5	11.5	23.0	21.5	22.0	22.0	21.5	22.0
13	16.0	14.0	15.5	12.0	11.0	11.5	22.5	20.0	21.5	23.5	22.0	22.5
14	14.5	13.0	14.0	12.0	11.0	12.0	21.5	19.5	21.0	24.0	22.5	23.0
15	14.0	13.0	13.5	12.0	11.5	12.0	21.0	19.0	20.0	23.0	22.0	22.0
16	13.5	12.5	13.0	13.0	11.0	12.0	21.5	19.5	20.5	22.5	21.0	21.5
17	14.0	12.0	13.0	14.0	11.5	12.5	20.0	18.0	19.5	22.5	21.5	22.0
18	14.0	13.0	13.0	14.5	13.0	13.5	20.0	18.0	19.0	23.0	21.5	22.5
19	13.5	13.0	13.0	15.0	13.5	14.5	20.5	18.0	19.0	23.0	22.0	22.0
20	13.5	12.5	13.0	15.5	14.0	14.5	21.0	18.5	19.5	23.0	21.5	22.5
21	13.0	12.5	12.5	16.5	15.0	15.0	21.5	19.5	20.0	23.5	22.0	22.5
22	12.5	11.5	12.0	16.5	15.0	15.5	22.5	20.0	21.0	24.0	22.5	23.0
23	12.0	10.5	11.0	16.5	15.0	16.0	23.0	21.0	22.0	24.5	23.0	23.5
24	10.5	10.0	10.5	17.5	15.5	16.5	23.0	21.5	22.0	24.0	23.5	24.0
25	10.5	9.5	10.0	17.5	16.5	17.0	22.0	20.5	21.5	25.0	23.5	24.0
26	10.5	9.5	10.0	17.5	15.5	16.5	22.0	21.0	21.5	25.5	24.0	24.5
27	11.0	10.0	10.5	16.0	14.5	15.5	23.0	21.5	22.0	26.0	24.5	25.0
28	11.5	10.5	11.0	16.0	14.5	15.5	22.0	20.5	21.0	26.0	25.0	25.5
29	---	---	---	16.0	15.0	15.5	20.5	18.5	19.5	26.5	25.0	25.5
30	---	---	---	17.0	15.5	16.0	18.5	16.5	17.5	27.0	25.0	26.0
31	---	---	---	17.0	15.5	16.0	---	---	---	27.5	25.5	26.5
MONTH	16.5	9.5	12.8	17.5	10.5	13.5	23.0	16.0	20.1	27.5	14.5	21.8

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	25.5	26.5	27.5	26.5	27.0	34.0	32.0	33.0	26.5	25.5	26.0
2	28.0	26.0	27.0	28.5	26.5	27.5	33.0	32.0	32.5	26.5	25.5	26.0
3	27.5	26.0	26.5	29.5	27.5	28.5	32.0	31.0	31.5	26.5	25.5	26.0
4	28.0	26.5	27.0	30.0	28.5	29.0	31.0	30.0	30.5	26.5	25.5	26.0
5	28.0	26.5	27.0	30.5	29.0	29.5	31.0	30.0	30.5	27.0	25.5	26.5
6	28.5	26.5	27.0	30.0	29.0	29.5	31.5	30.0	31.0	27.5	26.5	27.0
7	29.0	27.0	27.5	30.0	28.5	29.5	31.5	30.5	31.0	27.5	26.5	27.0
8	29.0	27.0	28.0	30.0	28.5	29.5	32.0	30.5	31.5	28.0	27.0	27.5
9	29.0	27.5	28.5	31.0	29.0	30.0	32.0	30.0	31.0	27.5	27.0	27.5
10	29.5	28.0	29.0	31.0	29.5	30.0	31.0	29.5	30.5	28.0	27.0	27.5
11	29.5	27.5	28.5	30.5	28.5	30.0	32.0	29.5	30.5	28.0	27.0	27.5
12	29.0	27.0	28.0	29.5	27.5	28.5	32.0	30.5	31.0	27.5	27.0	27.0
13	29.0	27.0	28.0	28.5	27.0	28.0	32.5	31.0	31.5	27.0	26.0	26.5
14	29.5	27.5	28.5	28.5	27.0	27.5	32.5	31.0	31.5	27.5	26.0	26.5
15	28.5	27.0	28.0	28.5	27.5	28.0	32.5	30.5	31.5	26.5	23.5	25.0
16	28.5	27.5	28.0	29.5	28.0	28.5	31.5	30.0	31.0	23.5	22.0	22.5
17	28.0	27.0	27.5	30.0	28.0	29.0	32.0	30.5	31.0	23.0	21.5	22.0
18	27.5	26.5	27.0	30.0	29.0	29.0	32.0	30.5	31.0	22.5	21.5	22.0
19	26.5	25.5	25.5	30.5	29.0	29.5	31.5	30.0	30.5	23.0	21.5	22.0
20	26.0	24.5	25.5	31.0	29.0	30.0	31.0	30.0	30.5	22.0	22.0	22.0
21	26.0	25.0	25.5	31.5	29.5	30.5	31.0	29.5	30.5	22.0	21.5	22.0
22	25.5	25.0	25.5	32.0	30.0	31.0	31.0	30.0	30.5	22.0	21.5	21.5
23	26.5	24.5	25.5	---	---	---	31.0	30.0	30.5	22.0	21.0	21.5
24	27.0	25.5	26.5	---	---	---	30.5	29.5	30.0	21.0	20.5	20.5
25	27.5	26.5	27.0	---	---	---	30.5	29.5	30.0	21.5	20.5	21.0
26	28.5	27.0	27.5	---	---	---	30.0	29.0	29.5	22.5	21.0	22.0
27	29.5	27.5	28.5	---	---	---	30.0	28.5	29.5	22.5	22.0	22.0
28	28.0	27.5	28.0	33.0	31.0	32.0	30.0	29.0	29.5	22.5	22.0	22.0
29	28.0	27.0	27.5	33.5	31.5	32.5	29.5	28.5	29.0	23.0	22.0	22.5
30	27.5	27.0	27.0	33.5	32.0	32.5	28.5	26.5	27.5	23.0	22.5	22.5
31	---	---	---	33.5	32.0	32.5	27.0	26.0	26.5	---	---	---
MONTH	29.5	24.5	27.2	33.5	26.5	29.6	34.0	26.0	30.5	28.0	20.5	24.2
YEAR	34.0	7.0	20.3									

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.9	1.8	2.6	6.1	5.1	5.8	7.2	6.6	7.0	8.8	8.5	8.6
2	3.6	2.1	3.1	6.1	5.1	5.8	7.0	6.4	6.7	9.2	8.7	9.0
3	4.1	2.3	3.5	6.1	4.8	5.6	6.6	6.3	6.5	9.2	8.9	9.1
4	4.1	3.2	3.8	6.1	4.9	5.7	6.7	6.3	6.5	9.1	8.9	9.0
5	4.6	3.4	4.0	6.5	5.4	6.1	6.6	6.2	6.5	9.2	8.9	9.0
6	5.0	3.5	4.5	6.9	5.5	6.3	6.7	6.4	6.6	9.2	8.9	9.1
7	5.1	4.0	4.7	7.0	5.7	6.5	6.7	6.4	6.6	9.3	8.9	9.1
8	5.2	3.4	4.6	7.1	5.6	6.5	6.7	6.2	6.6	9.2	8.8	9.1
9	5.2	3.8	4.8	7.1	5.5	6.4	6.8	6.2	6.6	9.1	8.9	9.0
10	5.5	4.3	5.1	6.8	5.5	6.4	6.8	6.6	6.8	9.2	8.9	9.1
11	5.5	4.1	5.1	6.6	5.6	6.3	7.1	6.7	6.9	9.1	8.9	9.1
12	5.4	4.8	5.2	7.2	5.5	6.5	7.2	6.8	7.1	9.3	9.1	9.2
13	5.5	4.4	5.2	7.2	6.3	6.9	7.2	6.9	7.1	9.6	8.9	9.3
14	5.5	4.3	5.0	7.3	6.2	6.9	7.3	6.9	7.2	9.8	9.1	9.3
15	5.0	4.2	4.7	7.3	6.1	6.9	7.6	7.2	7.4	9.5	8.9	9.3
16	5.2	4.3	4.8	7.3	5.9	6.9	7.7	7.4	7.6	9.5	9.0	9.2
17	5.2	3.9	4.9	7.4	6.2	6.9	7.8	7.5	7.6	9.8	8.8	9.3
18	5.2	4.1	5.0	7.5	6.1	7.1	7.9	7.6	7.7	9.5	9.0	9.2
19	5.2	3.9	4.9	7.7	6.9	7.3	8.0	7.9	7.9	9.3	8.1	8.9
20	5.2	4.1	4.7	7.7	6.6	7.2	8.1	7.8	8.0	9.4	8.7	8.8
21	5.1	4.0	4.8	7.7	6.4	7.1	7.9	7.6	7.8	9.0	8.2	8.6
22	5.6	4.4	5.0	7.8	6.7	7.3	7.8	7.5	7.7	8.6	8.0	8.3
23	5.8	4.6	5.3	7.8	6.9	7.5	7.9	7.5	7.7	8.4	7.9	8.2
24	5.9	4.8	5.4	7.5	7.1	7.4	7.9	7.5	7.8	8.4	7.6	8.1
25	5.9	4.2	5.4	7.5	7.2	7.3	8.1	7.8	8.0	7.9	7.3	7.7
26	5.9	4.2	5.5	7.5	7.1	7.4	8.6	8.0	8.4	7.7	6.7	7.2
27	5.9	4.7	5.6	7.4	7.2	7.3	8.5	8.4	8.4	7.1	6.4	6.8
28	6.0	5.0	5.6	7.3	7.1	7.2	8.6	8.4	8.5	7.4	6.4	6.8
29	6.2	5.2	5.9	7.2	7.0	7.1	8.6	8.3	8.4	7.1	6.2	6.7
30	6.1	5.0	5.8	7.2	6.8	7.1	8.5	8.2	8.4	7.3	6.6	7.0
31	6.2	4.9	5.8	---	---	---	8.7	8.4	8.5	8.3	7.0	7.5
MONTH	6.2	1.8	4.8	7.8	4.8	6.8	8.7	6.2	7.4	9.8	6.2	8.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.1	7.4	7.9	8.7	8.4	8.6	7.8	7.3	7.5	9.2	8.7	8.9
2	7.9	6.4	7.3	8.7	8.5	8.6	7.5	6.7	7.3	9.2	8.7	8.9
3	7.0	5.9	6.7	8.9	8.5	8.7	7.2	6.9	7.0	8.9	8.2	8.6
4	6.9	6.3	6.5	9.0	8.6	8.8	6.9	6.5	6.7	8.4	7.5	7.9
5	6.9	6.3	6.5	9.1	8.7	8.9	6.9	6.5	6.7	7.7	6.5	7.2
6	6.8	5.9	6.4	9.1	8.9	8.9	7.0	6.6	6.8	7.0	6.6	6.8
7	6.9	6.2	6.5	9.2	8.8	8.9	6.9	6.4	6.7	6.8	5.9	6.6
8	6.6	6.3	6.5	9.1	8.8	8.9	6.7	6.0	6.3	7.2	5.5	6.4
9	6.7	6.1	6.4	9.2	8.9	9.0	6.5	6.1	6.3	6.1	4.9	5.9
10	6.8	5.8	6.1	9.1	8.9	9.0	6.7	6.2	6.5	6.2	4.9	5.9
11	6.5	6.0	6.3	9.3	9.0	9.1	6.8	6.4	6.6	6.0	4.8	5.4
12	6.4	6.0	6.2	9.2	8.8	9.1	6.8	6.3	6.6	6.0	4.3	5.3
13	6.4	5.9	6.2	9.1	8.8	9.0	6.9	6.3	6.6	5.8	4.4	5.1
14	6.7	6.2	6.4	9.4	8.9	9.1	6.7	6.3	6.5	5.6	4.8	5.1
15	6.6	6.3	6.4	9.2	9.0	9.1	7.0	6.3	6.6	6.2	4.9	5.5
16	6.9	6.3	6.6	9.4	8.9	9.1	7.3	6.4	6.8	6.7	5.7	6.1
17	7.1	6.6	6.8	9.3	9.1	9.1	7.6	6.7	7.1	6.2	4.5	5.6
18	7.2	6.9	7.0	9.1	8.9	9.0	7.9	6.9	7.3	5.7	4.6	5.1
19	7.5	6.9	7.1	9.0	8.5	8.8	7.9	7.1	7.4	5.2	4.5	4.9
20	7.5	7.2	7.3	8.8	8.4	8.5	7.9	7.1	7.4	5.0	4.2	4.6
21	7.6	7.2	7.4	8.8	8.3	8.4	7.7	7.1	7.4	4.9	4.0	4.6
22	7.7	7.3	7.4	8.4	8.1	8.3	7.6	7.1	7.4	5.2	3.5	4.5
23	7.7	7.4	7.5	8.3	7.9	8.1	7.6	7.1	7.4	5.7	4.2	5.1
24	8.0	7.5	7.7	8.1	7.7	7.9	7.3	7.1	7.2	6.1	5.0	5.8
25	8.0	7.5	7.8	7.9	7.6	7.7	7.4	7.1	7.3	6.5	5.1	6.0
26	8.2	7.9	8.0	7.9	7.6	7.8	7.3	7.0	7.2	6.1	4.2	5.5
27	8.4	8.1	8.2	7.9	7.7	7.8	7.2	6.9	7.0	5.5	3.8	5.0
28	8.6	8.3	8.4	7.9	7.6	7.7	7.5	6.9	7.4	5.5	4.6	5.1
29	---	---	---	7.6	7.4	7.5	7.7	7.3	7.6	5.7	4.3	5.0
30	---	---	---	7.8	7.3	7.5	8.8	7.7	8.3	5.8	4.2	5.3
31	---	---	---	7.9	7.5	7.6	---	---	---	5.8	4.2	5.2
MONTH	8.6	5.8	7.0	9.4	7.3	8.5	8.8	6.0	7.0	9.2	3.5	5.9

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.7	4.3	5.2	4.7	3.3	4.1	4.7	2.9	3.9	6.1	4.2	5.5
2	5.7	4.8	5.2	4.5	3.3	4.1	4.8	3.3	4.2	6.6	4.8	5.6
3	5.9	4.4	5.3	4.8	3.6	4.2	4.7	3.1	4.0	6.4	5.2	5.7
4	5.9	4.4	5.2	4.6	3.6	4.2	5.0	3.3	4.3	6.6	5.4	5.8
5	6.0	4.4	5.3	4.6	3.5	4.2	5.1	4.0	4.6	6.8	5.1	5.9
6	6.2	4.2	5.2	4.6	3.2	4.1	5.0	3.9	4.4	6.5	5.3	5.8
7	6.1	4.2	5.6	4.5	3.5	4.0	5.1	3.6	4.3	6.1	5.0	5.5
8	6.2	5.0	5.8	4.7	3.7	4.3	5.0	3.6	4.2	5.9	4.4	5.2
9	5.7	4.3	5.2	4.7	3.3	4.1	4.7	3.5	4.0	5.5	4.6	5.0
10	5.3	4.6	5.1	4.6	3.3	4.0	5.1	2.8	3.9	5.7	4.4	5.1
11	5.9	4.3	5.2	4.5	3.2	3.9	4.5	3.4	4.0	5.7	4.5	5.1
12	5.9	4.8	5.4	4.3	3.3	3.8	4.4	2.9	3.9	5.7	4.8	5.3
13	5.7	5.0	5.4	4.4	3.1	3.8	4.2	2.7	3.5	5.8	4.9	5.4
14	5.8	4.6	5.3	4.3	3.1	3.8	4.3	2.7	3.6	5.9	4.6	5.4
15	5.8	4.6	5.2	4.5	3.4	4.1	4.7	3.2	4.0	7.2	5.5	6.3
16	5.2	4.3	4.7	4.5	3.8	4.2	4.8	2.8	4.1	7.6	5.1	6.7
17	4.6	3.6	4.0	4.4	3.4	4.0	4.4	3.0	3.8	5.5	4.5	5.1
18	4.5	3.3	3.8	4.4	3.3	3.9	4.4	2.7	3.7	5.0	3.8	4.4
19	5.3	3.8	4.5	4.5	3.2	3.9	4.3	2.9	4.0	4.2	3.0	3.8
20	5.6	4.4	5.1	4.4	3.0	3.8	5.1	3.4	3.9	3.8	2.3	3.4
21	5.4	4.5	5.1	4.2	3.1	3.8	4.4	3.1	3.9	4.3	2.4	3.7
22	5.4	4.8	5.1	4.2	3.4	3.8	5.2	3.6	4.2	4.5	3.0	3.8
23	5.3	4.2	5.0	---	---	---	5.6	3.4	4.3	3.8	2.5	3.1
24	5.2	4.6	4.9	---	---	---	7.3	5.0	5.9	3.4	2.2	2.8
25	5.1	4.2	4.8	---	---	---	7.4	5.3	6.1	3.0	1.9	2.6
26	5.1	3.9	4.6	---	---	---	6.8	5.2	5.9	3.1	2.0	2.6
27	4.8	3.3	4.2	---	---	---	6.4	4.5	5.4	3.4	2.0	2.9
28	4.8	3.3	4.2	4.9	3.8	4.4	6.0	4.6	5.1	3.2	1.9	2.7
29	5.0	3.3	4.3	4.9	3.5	4.1	5.3	3.8	4.8	3.3	2.2	2.8
30	4.9	3.8	4.2	4.6	3.5	4.2	6.1	4.8	5.3	3.3	2.4	2.9
31	---	---	---	4.4	2.6	3.7	6.1	4.7	5.4	---	---	---
MONTH	6.2	3.3	4.9	4.9	2.6	4.0	7.4	2.7	4.4	7.6	1.9	4.5
YEAR	9.8	1.8	6.2									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

LOCATION.--Lat 33°38'56'', long 79°05'40'', Horry County, Hydrologic Unit 03040206, on left bank across from Bucksport Plantation Marina, 1.0 mi southwest of Bucksport, 3.9 mi upstream from Bull Creek, and at mile 25.2 on AIW.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 14.36 ft below sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharge records for the 1990-94 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are considered poor. Negative flow is south towards Georgetown.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1150	553	5	-414	-278	-3280	-11	-676	-2710	-1010	-456	241
2	677	378	-45	91	754	-781	e-430	-1870	-2540	-871	-345	631
3	-184	-157	3	-1230	-163	-18	e-860	-2700	-2480	-1510	712	1210
4	-792	-655	-394	-1560	-2000	-67	e-1300	-2960	-1740	-897	220	-103
5	-838	-147	-119	-1120	-721	-132	e-1750	-3010	-858	-792	247	-1280
6	-567	-154	-208	-866	-304	-15	e-2200	-3000	-1070	-1050	234	-830
7	-570	-703	-326	-1080	-971	-1920	e-2650	-2650	-264	640	136	-1690
8	-1210	-433	-287	-462	-260	-1230	-3110	-2530	-263	-439	52	-1250
9	-1130	-365	-133	-344	-247	-807	-1750	-2510	-480	-101	-168	-1740
10	-686	255	744	-499	-844	-1190	-796	-3010	113	-158	232	-2410
11	77	-405	691	-692	-848	-658	1550	-3420	1020	-232	-47	-1040
12	572	414	722	-794	-1130	-544	287	-4660	119	68	-499	-913
13	522	681	-69	-658	-1020	-972	2150	-5970	-367	-824	-289	-966
14	16	134	629	-716	-1280	-448	999	-6460	-627	-1180	-208	-1230
15	-121	-48	1040	-1080	-1350	-771	-180	-6870	-1410	-1470	-416	-6070
16	452	236	-428	-582	-1000	-609	505	-6780	-1370	-1330	-398	-17000
17	681	-106	-401	-1350	-1150	-682	327	-6570	-1190	-1260	-161	-14300
18	-37	580	411	-1780	-1030	e-730	-1200	-6440	-318	-297	-300	-13600
19	-531	118	494	-1880	-1920	e-800	-1660	-6440	87	-911	e-330	-13800
20	-698	-110	-81	-1920	-1530	e-970	-829	-5580	-1100	-955	e-360	-13600
21	-142	-346	-6	-1980	-1410	e-1010	277	-5120	-684	-444	e-390	-13900
22	-376	188	-315	-1960	-1430	e-1060	-632	-4630	-415	-362	e-420	-15400
23	664	-324	353	-1500	-1310	-1100	-98	-4270	347	e-390	e-470	-15700
24	-156	-518	-254	-1350	-1140	-253	-593	-4030	-485	e-440	e-520	-16300
25	-533	202	300	-2970	-3100	-372	1940	-3420	-447	e-500	e-580	-16900
26	-365	-255	683	-2830	-3450	330	662	-3500	-858	e-590	e-610	-17500
27	-384	186	293	-3510	-3870	-161	920	-3270	-821	e-675	-663	-17700
28	649	242	156	-3560	-4110	100	200	-3410	-1270	-735	-198	-18300
29	-61	255	501	-2660	---	119	-580	-3290	-1180	-454	-182	-17700
30	323	606	-839	-2270	---	130	180	-3070	-964	-452	-638	-17400
31	336	---	394	-301	---	122	---	-2780	---	230	-168	---
TOTAL	-5562	302	3514	-43827	-37112	-19779	-10632	-124896	-24225	-19391	-6983	-256540
MEAN	-179	10.1	113	-1414	-1325	-638	-354	-4029	-808	-626	-225	-8551
MAX	681	681	1040	91	754	330	2150	-676	1020	640	712	1210
MIN	-1210	-703	-839	-3560	-4110	-3280	-3110	-6870	-2710	-1510	-663	-18300

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

MEAN	-938	-359	-535	-1534	-1631	-1288	-322	-257	-146	-158	-425	-2207
MAX	435	572	181	-32.1	249	339	429	403	523	1101	572	260
(WY)	1991	1991	1991	1994	1990	1990	1995	1994	1995	1998	1994	1994
MIN	-4314	-2017	-1477	-5004	-5747	-3855	-1556	-4029	-1792	-1797	-1850	-8551
(WY)	1997	1996	1995	1995	1998	1995	1996	1999	1992	1996	1996	1999

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	-346021		-545131			
ANNUAL MEAN	-948		-1494		-1172	
HIGHEST ANNUAL MEAN					-718	1997
LOWEST ANNUAL MEAN					-1494	1999
HIGHEST DAILY MEAN	3930	Aug 1	2150	Apr 13	3930	Aug 1 1998
LOWEST DAILY MEAN	-9270	Feb 19	-18300	Sep 28	-18300	Sep 28 1999
ANNUAL SEVEN-DAY MINIMUM	-8120	Feb 18	-17400	Sep 24	-17400	Sep 24 1999
INSTANTANEOUS PEAK STAGE			19.98	Sep 29	21.76	Feb 10 1998
10 PERCENT EXCEEDS	759		363		610	
50 PERCENT EXCEEDS	-380		-570		-318	
90 PERCENT EXCEEDS	-4030		-3420		-2480	

e Estimated

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1984 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to September 1995 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens, Jun. 2, 1985; minimum, 40 microsiemens, many days 1983, 1984, 1985.

pH: Maximum, 7.8 units, Sep. 1, 2, 11, 1986; minimum, 5.0 units, Aug. 16, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 5, 1987, Aug. 1, 2, 1999; minimum, 0.5°C, Dec. 26-28, 1989.

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Dec. 25, 1989; minimum, 0.0 mg/L, Sep. 12-31, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 1, 2; minimum, 6.5°C, Jan. 6, 7.

DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Jan. 15; minimum, 0.8 mg/L, Oct. 1.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	25.0	25.5	19.5	18.5	19.0	16.5	15.5	16.0	9.0	8.0	8.5
2	25.5	25.0	25.0	19.5	19.0	19.0	16.5	15.5	16.0	8.5	8.0	8.0
3	25.0	24.5	24.5	20.0	19.0	19.5	16.5	15.5	16.0	10.0	8.0	9.0
4	25.0	24.0	24.5	19.5	19.0	19.0	17.0	16.0	16.5	9.5	8.5	9.0
5	24.5	24.0	24.5	19.0	17.5	18.0	17.0	16.0	16.5	8.5	7.5	8.0
6	24.5	24.0	24.5	17.5	16.0	17.0	17.5	16.5	17.0	7.5	6.5	7.0
7	24.5	24.0	24.5	16.5	15.0	16.0	17.5	16.5	17.0	7.0	6.5	6.5
8	24.5	24.0	24.5	15.5	15.0	15.0	18.0	17.0	17.5	---	---	---
9	24.5	24.0	24.5	16.0	15.0	15.5	18.0	17.5	18.0	---	---	---
10	24.5	23.5	24.0	16.5	15.5	16.0	18.0	16.5	17.0	---	---	---
11	24.0	23.0	23.5	17.5	16.5	17.0	16.5	16.0	16.5	7.5	7.0	7.5
12	23.5	23.0	23.5	17.0	16.5	17.0	16.0	15.5	15.5	7.5	7.0	7.0
13	23.5	23.0	23.0	17.0	16.0	16.5	15.5	15.5	15.5	8.0	7.0	7.5
14	23.0	22.5	22.5	16.5	16.0	16.0	15.5	14.5	15.0	8.5	7.5	8.0
15	23.0	22.0	22.5	16.5	16.0	16.0	14.5	13.5	14.0	10.0	8.5	9.5
16	22.5	22.0	22.0	16.5	16.0	16.0	13.5	13.0	13.0	10.0	9.5	9.5
17	22.0	21.5	21.5	17.0	16.0	16.5	13.0	12.5	12.5	10.5	9.5	10.0
18	22.0	21.5	22.0	17.0	16.0	16.5	12.5	12.0	12.0	11.5	10.5	11.0
19	22.5	21.5	22.0	16.5	16.0	16.0	12.0	11.0	11.5	11.5	11.0	11.0
20	22.5	22.0	22.5	16.5	16.0	16.5	12.5	11.0	11.5	11.5	10.5	11.0
21	22.5	22.0	22.0	16.5	16.0	16.5	12.5	11.0	12.0	12.0	11.0	11.5
22	22.0	20.5	21.0	16.0	15.5	16.0	13.5	11.5	12.5	13.0	12.0	12.0
23	20.5	19.5	20.0	16.0	15.5	16.0	13.5	12.0	12.5	14.5	12.5	13.0
24	19.5	19.0	19.5	16.5	16.0	16.5	12.5	11.0	11.5	15.0	14.0	14.5
25	19.0	18.5	19.0	16.5	16.0	16.5	11.5	10.0	10.5	15.0	14.5	15.0
26	19.0	18.5	19.0	17.0	16.0	16.5	10.0	8.5	9.5	14.5	14.0	14.5
27	19.0	18.5	18.5	17.0	16.0	16.5	8.5	8.0	8.5	14.5	13.5	14.0
28	19.0	18.0	18.5	16.5	15.5	16.0	9.0	8.5	9.0	15.0	14.0	14.5
29	19.5	18.0	18.5	16.0	15.5	15.5	9.5	9.0	9.0	15.5	14.5	15.0
30	19.5	18.5	19.0	16.5	15.0	16.0	9.5	9.0	9.0	15.0	14.0	14.5
31	19.5	18.5	19.0	---	---	---	9.0	8.5	9.0	14.5	12.5	13.5
MONTH	26.0	18.0	22.1	20.0	15.0	16.7	18.0	8.0	13.5	15.5	6.5	10.7

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	11.5	12.5	12.0	10.5	11.0	16.0	15.5	15.5	17.0	15.0	16.0
2	13.0	12.0	12.5	12.5	11.0	11.5	---	---	---	15.5	14.5	15.0
3	12.5	12.0	12.5	12.5	11.5	12.0	---	---	---	15.5	14.5	15.0
4	13.5	12.5	13.0	12.0	11.0	11.5	---	---	---	16.0	14.5	15.5
5	13.0	12.5	13.0	11.5	11.0	11.5	---	---	---	17.0	16.0	16.5
6	13.0	12.0	12.5	12.0	11.0	11.5	---	---	---	18.0	17.0	17.5
7	13.5	12.5	13.0	12.5	11.5	12.0	20.5	19.5	20.0	19.0	18.0	18.5
8	14.5	13.5	14.0	12.0	11.5	11.5	21.5	20.0	20.5	20.0	19.0	19.5
9	14.5	14.0	14.5	11.5	11.0	11.0	21.5	21.0	21.5	20.5	19.5	20.0
10	15.0	14.5	14.5	11.5	11.0	11.0	22.0	21.5	21.5	21.0	20.0	20.5
11	15.0	14.5	15.0	11.5	10.5	11.0	23.0	21.5	22.0	21.5	21.0	21.0
12	16.5	15.0	15.5	11.5	10.5	11.0	23.0	22.0	22.5	21.0	21.0	21.0
13	16.0	14.5	15.5	11.5	10.5	11.0	22.0	21.5	21.5	21.5	21.0	21.0
14	14.5	12.5	13.0	11.5	10.5	11.0	21.5	20.5	20.5	22.0	21.5	21.5
15	12.5	11.0	11.5	12.0	11.0	11.5	20.5	20.0	20.0	22.0	20.5	21.0
16	12.0	10.5	11.5	12.5	11.0	11.5	20.5	20.0	20.0	21.0	20.0	20.5
17	12.5	11.5	12.0	13.5	11.5	12.5	20.0	19.0	19.5	21.0	20.5	20.5
18	14.0	12.5	13.0	---	---	---	19.0	18.0	18.5	21.5	20.5	21.0
19	13.5	13.0	13.5	---	---	---	19.0	18.0	18.5	21.5	21.0	21.5
20	13.0	12.5	13.0	---	---	---	19.5	18.0	19.0	21.5	21.0	21.5
21	12.5	11.5	12.0	---	---	---	20.0	19.0	19.5	22.0	21.5	21.5
22	11.5	10.0	10.5	---	---	---	21.0	19.5	20.0	22.5	21.5	22.0
23	10.0	8.5	9.5	---	---	---	22.0	20.0	21.0	23.5	22.0	22.5
24	9.0	8.0	8.5	---	---	---	21.5	21.0	21.5	24.0	23.0	23.5
25	9.0	8.0	8.5	---	---	---	21.5	21.0	21.0	24.0	23.0	23.5
26	10.0	9.0	9.5	---	---	---	21.5	21.0	21.0	24.0	23.0	23.5
27	10.5	9.0	10.0	15.5	14.5	15.0	22.0	21.0	21.5	24.0	23.5	24.0
28	12.0	10.0	10.5	15.5	14.5	15.0	21.5	20.5	21.0	24.0	23.5	24.0
29	---	---	---	16.0	15.0	15.5	20.5	19.0	19.5	24.0	23.0	23.5
30	---	---	---	16.0	14.5	15.5	19.0	16.5	17.5	24.5	23.0	24.0
31	---	---	---	16.0	15.0	15.5	---	---	---	24.5	23.5	24.0
MONTH	16.5	8.0	12.3	16.0	10.5	12.3	23.0	15.5	20.2	24.5	14.5	20.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.5	23.5	24.0	26.5	26.0	26.5	32.5	31.5	32.0	---	---	---
2	24.5	24.0	24.5	27.0	26.0	26.5	32.5	32.0	32.0	26.0	25.0	25.5
3	25.0	24.0	24.5	27.5	26.5	27.0	32.0	31.0	31.5	26.0	25.0	25.5
4	25.5	24.5	25.0	28.0	27.0	27.5	31.5	30.5	31.0	25.5	25.0	25.5
5	26.0	25.0	25.5	29.0	28.0	28.5	31.0	30.0	30.5	26.0	25.0	25.5
6	26.5	25.0	26.0	29.0	28.0	28.5	31.0	30.0	30.5	26.5	25.5	26.0
7	27.0	26.0	26.5	28.5	28.0	28.0	31.0	30.0	30.5	27.0	26.0	26.5
8	27.5	26.5	27.0	29.0	28.0	28.5	31.0	30.0	30.5	27.0	26.5	26.5
9	28.0	27.0	27.5	30.0	28.5	29.0	30.5	30.0	30.5	27.0	26.5	26.5
10	28.5	27.5	28.0	30.0	29.0	29.5	30.5	30.0	30.0	27.0	26.5	27.0
11	28.5	28.0	28.0	30.0	29.5	29.5	30.5	29.5	30.0	27.0	26.0	26.5
12	28.0	27.0	27.5	29.5	28.5	29.0	31.0	30.0	30.5	26.5	25.5	26.0
13	28.0	27.0	27.5	29.0	27.0	28.0	31.0	30.0	30.5	26.0	25.0	25.5
14	27.5	27.0	27.0	28.0	26.5	27.0	31.0	30.5	30.5	25.5	25.0	25.5
15	27.5	26.5	27.0	27.0	26.5	27.0	31.0	30.0	30.5	25.0	22.5	24.5
16	27.0	26.0	26.5	27.5	26.5	27.0	31.0	30.5	30.5	22.5	21.5	22.0
17	27.0	26.0	26.5	28.0	27.0	27.5	31.0	30.0	30.5	22.0	21.0	21.5
18	26.5	25.5	26.0	28.0	27.5	27.5	31.0	30.5	30.5	21.5	21.0	21.5
19	26.0	24.0	25.0	28.5	27.5	28.0	31.0	30.0	30.5	22.0	21.0	21.5
20	24.5	24.0	24.0	29.5	28.0	28.5	30.5	29.5	29.0	22.0	21.5	21.5
21	24.5	23.5	24.0	30.5	29.0	29.5	30.5	30.0	30.0	22.0	21.5	21.5
22	24.0	24.0	24.0	30.5	29.5	30.0	31.0	30.0	30.5	22.0	21.0	21.5
23	24.5	23.5	24.0	31.5	30.0	30.5	30.5	30.0	30.0	21.0	20.5	21.0
24	25.0	24.0	24.5	31.5	30.5	31.0	30.5	29.5	29.5	21.0	20.5	21.0
25	25.5	24.5	25.0	31.5	30.5	31.0	30.0	29.0	29.5	21.5	20.5	21.0
26	26.0	25.0	25.5	31.5	30.5	31.0	29.5	29.0	29.0	22.0	21.0	21.5
27	26.5	25.5	26.0	31.5	31.0	31.0	29.0	28.5	29.0	22.0	22.0	22.0
28	26.5	26.0	26.5	31.5	31.0	31.5	29.5	28.5	29.0	22.0	22.0	22.0
29	27.0	26.5	26.5	32.0	31.0	31.5	29.5	28.0	29.0	22.5	22.0	22.0
30	26.5	26.5	26.5	32.0	31.0	31.5	28.0	27.0	27.5	22.5	22.0	22.5
31	---	---	---	32.0	31.0	31.5	---	---	---	---	---	---
MONTH	28.5	23.5	25.9	32.0	26.0	29.0	32.5	27.0	30.2	27.0	20.5	23.7
YEAR	32.5	6.5	20.0									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.1	.8	.9	6.3	5.2	5.7	7.9	7.1	7.4	8.2	7.8	8.0
2	2.0	1.0	1.2	6.4	5.3	5.8	8.0	7.0	7.5	8.6	7.8	8.1
3	1.9	1.3	1.4	6.3	5.2	5.6	8.0	7.1	7.5	8.5	7.7	8.1
4	2.9	1.4	2.0	5.9	4.9	5.3	7.9	7.0	7.4	7.8	7.6	7.7
5	2.2	1.8	2.0	6.2	5.0	5.6	7.9	6.9	7.3	8.1	7.6	7.8
6	2.0	1.7	1.9	6.8	5.7	6.2	7.7	6.8	7.2	8.4	7.8	7.9
7	2.2	1.7	1.9	6.8	5.9	6.3	7.6	6.8	7.1	8.2	8.0	8.1
8	2.1	1.8	2.0	6.8	6.1	6.4	7.4	6.7	7.0	---	---	---
9	2.1	1.8	1.9	6.8	6.2	6.5	7.2	6.8	7.0	---	---	---
10	2.5	1.8	1.9	7.2	6.2	6.5	7.4	6.8	7.1	---	---	---
11	3.4	1.9	2.2	6.9	6.3	6.6	7.3	6.9	7.1	8.2	7.8	8.1
12	3.7	2.0	2.5	7.1	6.2	6.5	7.4	7.0	7.2	8.2	7.7	8.0
13	4.4	2.3	3.1	7.4	6.3	6.8	7.3	7.0	7.1	8.2	7.6	7.9
14	4.1	2.3	3.3	7.5	6.5	7.0	7.3	6.9	7.1	8.0	7.3	7.7
15	3.7	2.6	3.1	7.3	6.7	6.9	7.7	7.1	7.4	9.2	7.5	8.7
16	4.3	2.7	3.3	7.1	6.5	6.8	7.7	7.5	7.6	9.0	8.6	8.7
17	4.4	3.0	3.6	7.2	6.5	6.8	7.8	7.4	7.6	8.9	8.2	8.6
18	4.4	3.2	3.8	7.5	6.5	6.9	7.8	7.3	7.5	8.6	8.2	8.4
19	4.4	3.3	3.7	7.8	6.9	7.2	8.3	7.4	7.8	8.2	7.7	7.9
20	4.5	3.1	3.6	7.5	6.8	7.0	8.3	7.4	7.8	7.9	7.5	7.6
21	4.9	3.1	3.8	7.3	6.6	7.0	8.3	7.2	7.6	7.8	6.9	7.4
22	4.9	3.5	4.2	7.8	6.8	7.2	8.3	7.2	7.6	7.8	6.9	7.2
23	6.2	4.2	5.1	7.8	7.0	7.4	8.2	7.1	7.6	7.4	6.7	7.0
24	6.1	4.7	5.5	7.8	6.8	7.2	8.1	7.4	7.7	7.2	6.5	7.0
25	6.2	4.7	5.4	7.9	7.0	7.4	7.9	7.3	7.7	6.6	5.6	6.2
26	6.5	4.8	5.4	7.8	7.1	7.4	8.7	7.7	8.2	5.7	5.4	5.6
27	6.6	4.8	5.4	7.8	7.0	7.3	8.7	7.7	8.3	5.6	5.3	5.5
28	6.8	5.0	5.7	7.8	7.1	7.4	8.6	7.5	8.1	5.4	5.2	5.3
29	6.6	5.0	5.7	7.9	7.1	7.4	8.3	7.4	8.0	5.3	5.1	5.2
30	6.6	5.1	5.6	8.0	7.1	7.4	8.0	7.2	7.8	5.9	4.9	5.2
31	6.5	5.0	5.5	---	---	---	8.3	7.6	7.9	6.4	5.0	5.4
MONTH	6.8	.8	3.4	8.0	4.9	6.7	8.7	6.7	7.5	9.2	4.9	7.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.6	5.3	5.7	7.4	6.3	6.9	5.6	5.2	5.4	5.7	5.1	5.4
2	6.3	5.1	5.6	7.2	6.1	6.8	---	---	---	5.7	5.2	5.4
3	5.4	4.8	5.1	7.4	6.4	6.9	---	---	---	5.6	5.2	5.4
4	5.2	4.6	5.0	7.3	6.6	7.1	---	---	---	5.5	5.0	5.2
5	5.4	4.9	5.2	7.3	6.6	7.1	---	---	---	5.2	4.6	4.9
6	5.5	4.9	5.3	7.3	6.6	7.0	---	---	---	4.8	4.1	4.5
7	5.9	5.0	5.6	7.3	6.5	7.0	4.4	3.7	4.0	4.4	4.1	4.3
8	5.9	5.4	5.7	7.4	6.4	7.1	4.1	3.6	3.9	4.5	4.2	4.3
9	5.4	5.0	5.1	7.5	6.4	7.2	4.0	3.6	3.8	4.3	4.0	4.2
10	5.2	4.9	5.1	7.5	6.5	7.1	4.0	3.5	3.8	4.2	3.5	4.0
11	5.7	4.7	5.1	7.9	6.7	7.3	4.2	3.4	3.8	3.9	3.1	3.6
12	6.0	5.3	5.6	7.5	6.3	7.2	3.7	3.3	3.5	3.8	2.8	3.1
13	6.0	5.0	5.3	7.7	6.5	7.3	3.9	3.5	3.7	3.2	2.7	3.0
14	5.5	5.1	5.4	8.2	6.8	7.7	3.7	3.3	3.6	3.0	2.5	2.8
15	5.8	5.3	5.5	7.8	6.7	7.2	3.9	3.3	3.6	3.2	2.6	2.9
16	5.7	5.5	5.6	7.6	7.0	7.2	4.0	3.2	3.7	3.2	2.7	2.9
17	5.9	5.4	5.6	7.5	6.4	7.1	4.0	3.5	3.8	3.1	2.5	2.7
18	5.8	5.2	5.6	7.2	6.6	6.9	4.1	3.5	3.8	3.1	2.4	2.6
19	5.8	5.1	5.5	6.8	5.7	6.1	4.0	3.6	3.8	2.7	2.2	2.3
20	5.8	5.2	5.5	---	---	---	4.2	3.2	3.8	2.6	2.0	2.4
21	5.7	5.2	5.4	---	---	---	4.2	3.6	3.9	2.7	1.5	2.2
22	6.6	5.3	5.9	---	---	---	4.2	3.5	3.9	2.6	1.4	2.1
23	7.1	5.7	6.2	6.2	5.5	5.8	4.5	3.9	4.2	2.7	1.6	2.3
24	7.1	5.9	6.5	5.9	5.5	5.7	4.6	3.7	4.2	2.7	1.7	2.3
25	7.4	6.2	6.8	5.9	4.8	5.5	5.0	4.0	4.5	2.5	1.4	2.1
26	7.3	6.3	6.8	5.7	4.8	5.4	4.8	4.1	4.5	2.7	1.6	2.3
27	7.5	6.3	6.9	6.1	5.1	5.5	4.5	4.0	4.2	2.9	1.4	2.3
28	7.4	6.3	6.9	6.1	5.2	5.6	4.9	4.2	4.5	2.6	1.5	2.2
29	---	---	---	6.0	5.1	5.5	4.7	4.2	4.5	2.7	1.5	2.3
30	---	---	---	5.7	5.1	5.5	5.4	4.5	4.9	3.2	1.9	2.4
31	---	---	---	5.7	4.9	5.4	---	---	---	2.8	2.0	2.5
MONTH	7.5	4.6	5.7	8.2	4.8	6.6	5.6	3.2	4.1	5.7	1.4	3.3

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.7	1.9	2.5	4.4	3.3	3.9	4.1	3.0	3.4	5.2	4.0	4.4
2	2.8	1.9	2.4	4.4	3.0	3.8	3.9	3.1	3.4	5.2	4.0	4.5
3	2.8	1.8	2.3	4.6	3.5	4.0	4.9	3.2	3.7	4.8	4.0	4.4
4	2.6	1.8	2.3	4.4	3.6	4.0	4.6	3.5	4.0	4.5	4.0	4.2
5	2.8	2.0	2.4	4.3	3.6	4.0	4.3	3.2	3.6	4.2	3.8	4.0
6	2.8	2.1	2.5	4.6	3.5	4.1	4.3	3.1	3.5	4.3	3.8	4.0
7	2.9	2.3	2.5	4.5	3.6	4.2	4.0	3.1	3.4	4.1	3.8	4.0
8	2.8	2.1	2.5	4.1	3.9	4.0	3.7	3.2	3.4	3.9	3.5	3.7
9	2.7	1.8	2.4	4.2	3.8	3.9	3.6	3.3	3.4	3.8	3.4	3.6
10	2.5	2.0	2.3	4.3	3.7	3.9	3.5	3.2	3.4	3.6	3.4	3.5
11	2.9	2.1	2.4	4.6	3.7	3.9	3.5	3.2	3.4	3.7	3.2	3.5
12	3.4	2.3	3.0	4.9	3.9	4.2	3.4	3.2	3.3	3.7	3.4	3.6
13	3.4	2.7	3.0	4.9	3.9	4.3	3.4	3.1	3.2	3.7	3.5	3.6
14	3.1	2.5	2.7	4.8	3.7	4.0	3.5	3.2	3.3	3.7	3.2	3.6
15	3.2	2.3	2.7	4.5	3.8	4.0	3.6	3.3	3.5	6.9	3.6	4.9
16	2.8	2.0	2.5	4.1	3.5	3.6	3.6	3.5	3.5	6.9	4.2	5.7
17	2.6	2.1	2.4	3.6	3.3	3.4	3.6	3.3	3.5	4.5	3.2	3.8
18	2.8	2.1	2.5	3.6	3.3	3.5	3.7	3.4	3.5	3.5	2.7	3.3
19	3.2	2.3	2.8	3.8	3.4	3.5	4.3	3.5	3.8	3.3	2.6	3.0
20	3.4	2.4	2.9	3.7	3.5	3.6	4.2	3.9	4.0	2.8	2.3	2.7
21	3.2	2.3	2.9	3.9	3.4	3.5	4.2	3.8	3.9	3.1	2.7	2.9
22	3.3	2.7	3.0	4.0	3.4	3.5	4.5	3.7	3.9	2.8	2.6	2.7
23	3.5	2.6	3.0	4.0	3.3	3.4	4.6	3.8	4.0	2.7	2.5	2.6
24	3.5	2.7	3.2	4.5	3.2	3.5	4.5	3.8	4.1	2.6	2.5	2.5
25	3.6	2.8	3.2	4.1	3.4	3.6	4.1	3.8	3.9	2.6	2.4	2.5
26	3.7	2.9	3.3	3.9	3.4	3.5	4.0	3.7	3.8	2.5	2.2	2.3
27	4.0	2.9	3.4	4.0	3.3	3.5	3.8	3.7	3.7	2.4	2.3	2.3
28	3.9	3.3	3.6	4.0	3.3	3.5	3.8	3.6	3.7	2.6	2.2	2.3
29	4.2	3.2	3.7	4.4	3.1	3.5	4.8	3.5	3.9	2.3	2.0	2.2
30	4.3	2.9	3.7	4.0	3.1	3.4	5.1	4.4	4.8	2.0	1.8	1.9
31	---	---	---	4.2	3.1	3.4	4.5	4.2	4.4	---	---	---
MONTH	4.3	1.8	2.8	4.9	3.0	3.7	5.1	3.0	3.7	6.9	1.8	3.4
YEAR	9.2	.8	4.8									

021108044 BULL CREEK NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'00'', long 79°07'24'', Horry County, Hydrologic Unit 03040206, on left bank, 4.0 mi downstream of State Highway 701 bridge, near Bucksport.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Elevation of gage is 5 ft below sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharge records for the 1990-94 water years were computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH) and are considered poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2070	1950	2780	7020	11200	7120	8280	5280	3440	2880	2690	1370
2	2160	2410	2490	6280	10500	6470	e8300	6750	2720	3230	2790	1680
3	2800	2080	2510	6530	10700	6200	e8400	8100	2560	3580	2140	1680
4	3230	1680	2550	7080	10800	6640	e8500	9120	2900	3750	1660	2090
5	2870	1470	2370	6550	11000	5710	e8450	10000	3220	3170	2100	2040
6	2270	2740	2770	7060	11100	5760	e8400	11400	3410	2600	2750	2000
7	1970	3120	2980	7980	11300	5880	e8350	12200	2090	2050	2180	1820
8	2520	2660	2440	8200	11600	5290	8290	12600	2250	1660	2040	1790
9	2710	2370	2000	8490	11600	4900	7460	12600	1580	2030	1830	2490
10	2980	1650	1390	8860	11500	4780	6820	12300	1500	2580	1210	2780
11	4090	1770	1540	9000	11500	4760	6040	11800	1740	2660	1410	2810
12	4810	1320	1690	8740	11500	5460	5680	11200	2120	2390	1340	2700
13	4500	1260	2340	7490	11700	5790	4380	10800	1900	2270	1690	2340
14	3490	1660	2210	6640	11600	5630	4030	10500	1910	1980	2090	2090
15	3290	2010	1990	6640	11100	6630	4330	9480	1850	2460	2340	1090
16	3190	2000	2540	6600	10900	5760	4680	8950	1980	2900	2160	6490
17	3160	2000	3300	7010	10400	5760	4520	8570	2290	3450	1360	8150
18	3300	1610	4040	7640	9500	6260	4440	8370	2330	4140	1190	8760
19	3450	2210	4970	7810	8410	6510	4300	8520	2490	4180	1740	8450
20	2970	2980	5770	7260	7750	6740	4060	8580	3260	3330	2150	7750
21	2210	3250	6160	7250	7630	6810	2700	8550	3140	1980	2870	8200
22	2720	3040	6050	7650	7620	7440	3110	8500	2600	2130	2120	8990
23	3240	3020	5010	7890	7440	6720	3450	8320	1950	3110	1730	9110
24	4240	2730	4640	8850	7200	6250	3330	8000	2560	3510	1340	9130
25	4120	1920	4690	10100	7120	6710	3440	7110	2990	3370	1270	9290
26	3030	2510	5130	10600	7170	7050	3340	6070	3130	3400	1850	9420
27	2180	3090	5990	11000	7110	8050	2830	5270	3240	2520	2070	9310
28	1330	3570	6740	e11200	7170	8590	2620	4950	3180	1780	2150	8960
29	1530	3450	7160	e11500	---	8820	2900	4870	2840	1910	2200	8710
30	1490	3150	7680	11800	---	8720	3680	4630	2350	2290	2340	8960
31	1390	---	7380	11600	---	8210	---	4190	---	2620	1830	---
TOTAL	89310	70680	121300	258320	274120	201420	159110	267580	75520	85910	60630	160450
MEAN	2881	2356	3913	8333	9790	6497	5304	8632	2517	2771	1956	5348
MAX	4810	3570	7680	11800	11700	8820	8500	12600	3440	4180	2870	9420
MIN	1330	1260	1390	6280	7110	4760	2620	4190	1500	1660	1190	1090

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

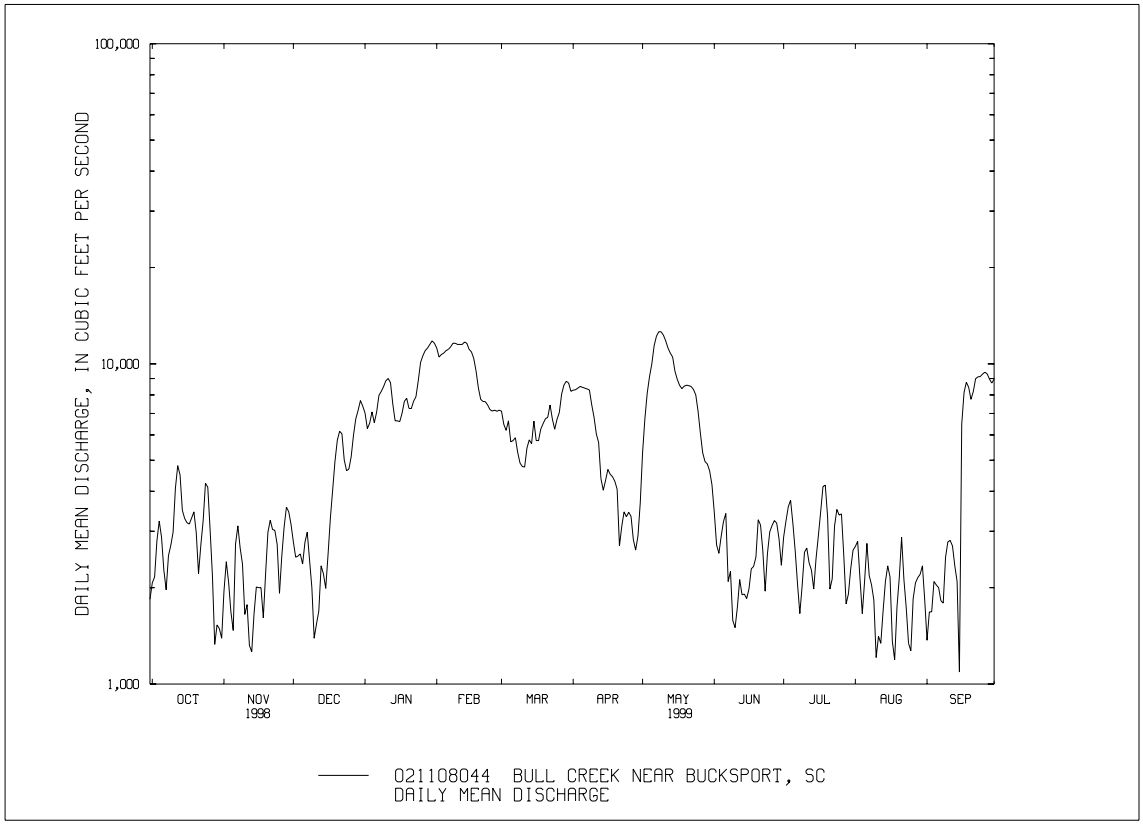
MEAN	6696	6396	7640	9482	10510	11120	9185	7463	5524	3783	5425	5104
MAX	12750	12630	12910	11400	12760	14530	17610	11250	8916	7900	10140	9002
(WY)	1990	1991	1993	1990	1993	1993	1993	1991	1992	1995	1991	1996
MIN	2881	2356	3913	7690	6207	6497	4724	2545	2517	2274	1956	2435
(WY)	1999	1999	1999	1996	1992	1999	1995	1995	1999	1990	1999	1990

021108044 BULL CREEK NEAR BUCKSPORT, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	2288450		1824350			
ANNUAL MEAN	6270		4998		7053	
HIGHEST ANNUAL MEAN					8074	1990
LOWEST ANNUAL MEAN					4998	1999
HIGHEST DAILY MEAN	13000	Jan 3	12600 **	May 8	22900	Jan 21 1993
LOWEST DAILY MEAN	1260	Nov 13	1090	Sep 15	554	Oct 10 1990
ANNUAL SEVEN-DAY MINIMUM	1670	Nov 10	1660	Aug 8	1170	May 26 1995
INSTANTANEOUS PEAK STAGE			16.73 *	Feb 2	21.18	Feb 9 1998
10 PERCENT EXCEEDS	11200		9440		11900	
50 PERCENT EXCEEDS	5440		3490		7040	
90 PERCENT EXCEEDS	2050		1810		2440	

* Also occurred Feb. 3.
** Also occurred May 9.

e Estimated



02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC

LOCATION.--Lat 33°26'10'', long 79°10'51'', Georgetown County, Hydrologic Unit 03040206, on left bank at Hagley Landing, 0.2 mi upstream of Jericho Creek, 3.2 mi west of Pawleys Island and at mile 6.9.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 14.14 ft below sea level.

REMARKS.--Records poor. Discharge records for the 1990-99 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Three auxiliary stations (02110705, 02110802, and 02135190) are used in conjunction with this station for computation of discharge. Negative daily mean discharges are computed on many days, which are caused by two complete incoming and only one outgoing tide cycles during the day.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e2500	490	2530	9270	10100	18900	10400	10000	8270	5580	5390	1830
2	-368	881	1100	3810	22500	11600	e14500	14100	8080	5560	4560	3280
3	3320	1490	1530	19500	18400	13100	e14000	17600	7860	7680	2270	2500
4	4190	1110	2650	12700	16900	9220	e13700	19300	4670	7680	5140	4390
5	1930	-643	2090	14100	17600	12100	e13000	22000	6040	7440	3750	3900
6	1330	5590	4860	8910	19000	13600	e12800	25400	8100	6330	3030	1990
7	3760	7040	6300	12600	17300	9630	e12300	26500	5170	3090	1800	2440
8	6610	5430	5540	15000	18100	8480	e11200	28700	4340	1640	1620	1730
9	6680	5470	3700	10300	17700	10900	e11000	27500	2100	1020	-374	3030
10	5650	3250	2130	10100	18500	8950	e9060	26000	e2600	2450	-2210	5570
11	7070	5700	1310	13800	17800	9320	e10500	24000	e3220	310	403	4070
12	8710	38	1140	12400	15900	10600	e10300	24300	e3370	-1200	1380	4990
13	6010	-444	4110	13000	15100	12900	e11700	24500	e2700	2570	2970	5390
14	4810	1740	-250	14200	16100	13100	e8200	22400	e2480	3900	3920	5550
15	4020	2440	187	16200	12300	13000	e6600	21300	e1700	5430	4530	6760
16	2650	1230	4740	16300	15200	12300	8040	21400	e1910	6830	4620	33800
17	3370	2500	5190	14200	18400	12700	6180	22000	e2450	7970	2820	29500
18	3960	-1470	3000	13200	16200	e12800	8120	23700	e3400	8660	4480	29900
19	5230	2610	5420	13400	15200	e12900	9610	24600	e3950	9450	e2260	29000
20	4560	4550	8870	11000	15000	e12900	8960	23000	e3660	7350	e2810	25900
21	1880	4690	8740	13800	15500	e13000	2960	23400	e4000	2770	e3900	24600
22	4210	3370	12200	14100	15300	e13000	7490	21300	e3780	e2740	e2570	29700
23	2720	6570	6310	15300	17300	e13100	7230	18900	e3200	e4580	e1770	30600
24	7280	5460	9520	12300	17100	13200	2130	17200	e3760	e4830	e1440	33800
25	8300	2260	7750	11700	16000	12500	2040	14200	4130	e4680	e1190	36700
26	5650	6600	9320	12600	18500	6890	3530	12200	4860	e4550	e1960	37700
27	4340	5820	10000	12200	18500	17900	1080	10100	4780	e3160	e2360	37200
28	2270	4530	10600	e12500	14900	12300	127	11000	4880	e2300	e2900	38000
29	3270	4130	9750	e12700	---	11000	2340	9940	3750	e2650	e3190	39100
30	994	2950	13800	13000	---	12500	2340	8860	3270	e2970	e3320	39300
31	-67	---	8840	14200	---	11100	---	8530	---	3530	2550	---
TOTAL	126839	95382	172977	398390	466400	375490	241437	603930	126480	138500	82319	552220
MEAN	4092	3179	5580	12850	16660	12110	8048	19480	4216	4468	2655	18410
MAX	8710	7040	13800	19500	22500	18900	14500	28700	8270	9450	5390	39300
MIN	-368	-1470	-250	3810	10100	6890	127	8530	1700	-1200	-2210	1730

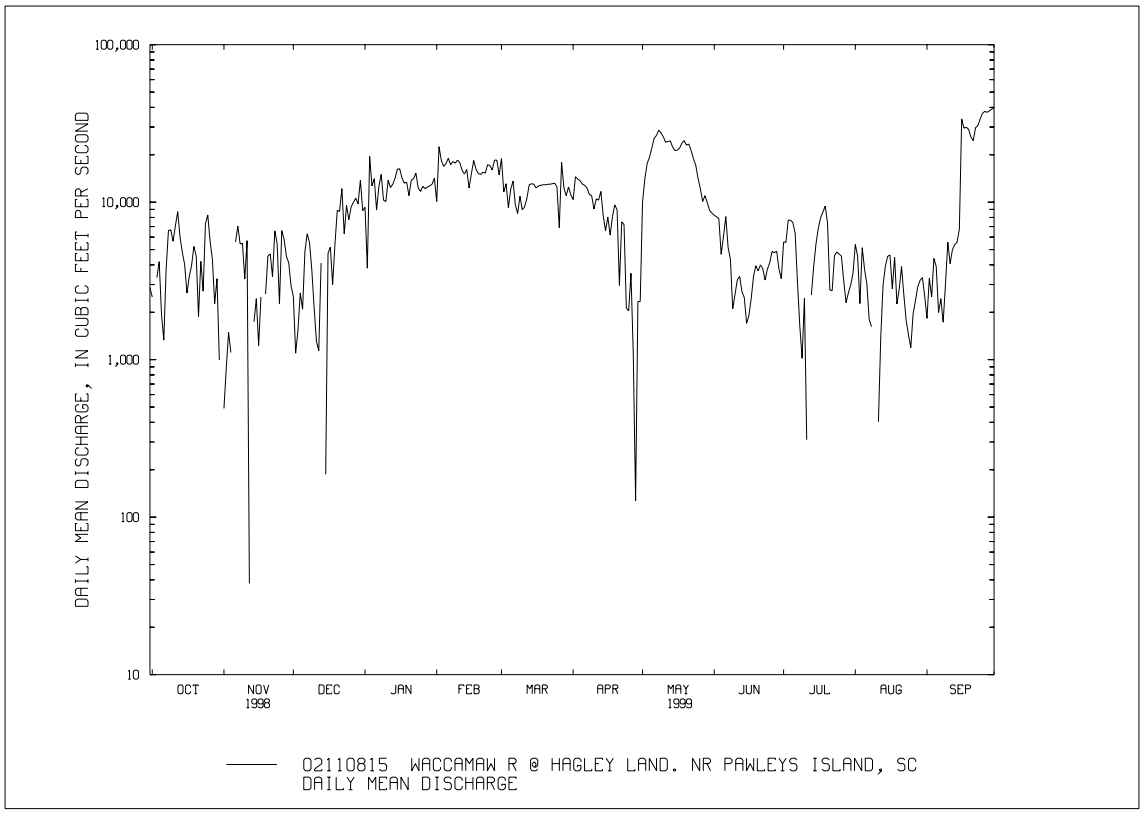
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

MEAN	11990	12200	13950	17450	22180	23310	18350	13530	9392	5173	9461	11210
MAX	26390	25100	24610	25520	38290	31750	41350	19760	17380	6674	18460	24910
(WY)	1990	1991	1993	1998	1998	1998	1993	1991	1992	1992	1991	1996
MIN	4092	3179	5580	12850	12490	12110	7194	3811	4216	2650	2655	3936
(WY)	1999	1999	1999	1999	1992	1999	1995	1995	1999	1998	1999	1990

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	5296537		3380364			
ANNUAL MEAN	14510		9261		13860	
HIGHEST ANNUAL MEAN					15830	1998
LOWEST ANNUAL MEAN					9261	1999
HIGHEST DAILY MEAN	46000	Feb 12	39300	Sep 30	62500	Jan 22 1993
LOWEST DAILY MEAN	-2300	Jul 10	-2210	Aug 10	-2300	Jul 10 1998
ANNUAL SEVEN-DAY MINIMUM	-619	Jul 6	608	Oct 30	-619	Jul 6 1998
INSTANTANEOUS PEAK STAGE			18.62	Sep 29	19.48	Dec 31 1994
10 PERCENT EXCEEDS	33300		19100		26700	
50 PERCENT EXCEEDS	8970		6830		12600	
90 PERCENT EXCEEDS	1820		1790		3380	

e Estimated



02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1986 to current year.

pH: August 1986 to September 1989 (discontinued).

WATER TEMPERATURE: August 1986 to current year.

DISSOLVED OXYGEN: August 1986 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

REMARKS.--Prior to Oct. 1, 1991, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sep. 22, 1989; minimum, 40 microsiemens, Aug. 30, 1992, Jan. 23, 1993, Feb. 2 - 3, 1993.

pH: Maximum, 8.0 units, May 26, 1988; minimum, 5.4 units, Sep. 29, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 1999; minimum, 1.0°C, Dec. 25, 26, 1989.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988, Jan. 25, 1994; minimum, 0.2 mg/L, Sep. 14, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 20,900 microsiemens, Sep. 3; minimum, 80 microsiemens, May 14-24, Sep. 26, 29-30.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1; minimum, 6.0°C, Jan. 10-12.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Jan. 10; minimum, 1.0 mg/L, Sep. 25, 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1540	120	311	9460	500	4280	810	180	284	140	140	140
2	5330	120	992	10100	480	4260	1970	180	548	150	140	141
3	3290	140	981	9550	510	3930	3480	180	746	150	140	146
4	600	130	215	6860	290	2680	2410	180	531	150	140	148
5	320	130	151	11400	250	4290	3130	170	685	150	140	146
6	2090	140	387	12700	670	5460	3580	180	769	150	140	140
7	3450	150	909	8190	270	2930	1950	170	495	140	140	140
8	1160	150	359	7770	220	2150	1060	170	342	150	140	141
9	180	150	159	7420	220	2160	260	180	201	140	130	138
10	180	150	157	7960	220	2630	6690	180	1810	130	130	130
11	200	150	158	5110	210	1510	7160	210	3780	130	130	130
12	170	150	157	5160	190	1300	10500	420	6620	130	130	130
13	250	160	167	7920	220	3670	12600	1130	5260	130	130	130
14	190	170	174	10100	510	4360	9080	310	3990	130	130	130
15	220	160	177	7690	320	3510	13100	940	6400	130	130	130
16	620	170	219	7540	260	3370	8130	400	3120	130	130	130
17	280	160	193	7190	300	2580	6850	240	1710	130	130	130
18	230	160	176	9350	230	3600	5650	210	1340	140	130	130
19	210	160	169	11200	430	4420	7540	200	1570	130	130	130
20	170	160	169	8020	330	2770	1540	190	372	130	130	130
21	190	170	173	4820	210	1000	200	180	187	130	130	130
22	250	170	180	6700	200	1780	200	180	191	130	120	127
23	4490	170	1130	7280	220	1950	200	170	184	130	120	122
24	3870	180	1200	3310	200	962	180	170	174	120	120	120
25	2640	180	632	6720	200	2350	510	170	191	120	120	120
26	3510	180	719	4770	220	1690	300	170	178	120	120	120
27	5170	180	1230	3130	190	866	170	160	169	120	110	116
28	8750	200	2940	3400	200	1150	170	170	170	110	100	110
29	6650	240	2560	2460	190	571	180	170	170	110	100	106
30	8500	290	3410	1400	190	355	170	150	165	100	100	100
31	8990	290	3400	---	---	---	150	140	146	100	100	100
MONTH	8990	120	773	12700	190	2620	13100	140	1370	150	100	128

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	100	100	100	130	130	130	120	110	112	2870	140	543
2	100	100	100	140	130	131	110	110	110	510	130	191
3	100	90	98	140	130	134	110	100	107	130	110	122
4	100	90	95	150	130	138	110	110	110	110	110	110
5	100	90	95	140	120	133	110	100	105	110	100	109
6	100	90	99	140	120	126	110	100	103	100	100	100
7	100	100	100	160	120	130	110	110	110	100	90	92
8	100	100	100	130	130	130	110	100	110	90	90	90
9	100	100	100	130	120	125	110	100	102	90	90	90
10	100	100	100	130	120	127	110	100	101	90	90	90
11	100	100	100	130	130	130	110	110	110	90	90	90
12	100	100	100	150	130	135	110	110	110	90	90	90
13	100	90	99	170	130	140	110	110	110	90	90	90
14	100	90	100	3180	130	673	110	110	110	90	80	83
15	110	100	104	300	140	153	130	110	110	80	80	80
16	110	110	110	140	140	140	140	110	112	90	80	83
17	110	110	110	140	140	140	120	110	113	90	80	83
18	110	110	110	140	130	134	120	120	120	90	80	83
19	110	100	109	130	130	130	120	120	120	90	80	90
20	110	100	101	130	130	130	120	120	120	90	80	88
21	120	100	108	130	130	130	120	120	120	90	80	86
22	130	100	111	130	120	123	120	120	120	80	80	80
23	110	110	110	120	120	120	120	120	120	80	80	80
24	120	110	111	130	120	124	130	120	128	90	80	84
25	130	120	120	130	120	123	560	130	176	90	90	90
26	130	110	117	120	120	120	250	130	176	90	90	90
27	120	110	119	130	120	124	200	130	150	90	90	90
28	130	110	122	130	110	117	200	130	137	90	90	90
29	---	---	---	110	110	110	1340	120	179	90	90	90
30	---	---	---	120	110	110	2870	130	887	90	90	90
31	---	---	---	120	110	114	---	---	---	100	90	93
MONTH	130	90	105	3180	110	146	2870	100	147	2870	80	108

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	100	100	170	160	162	7400	350	2890	16000	2750	10400
2	100	100	100	170	160	161	7040	290	2800	18000	5740	12600
3	100	100	100	170	160	166	8810	340	4920	20900	6970	13800
4	100	100	100	170	160	170	11600	1790	7150	19200	5040	12800
5	110	100	104	170	160	169	12300	730	6560	13000	1580	7350
6	1840	100	341	170	170	170	10900	410	5560	12100	980	5590
7	390	110	148	170	170	170	9830	330	4140	9960	760	4830
8	150	110	128	180	160	172	9040	370	3430	8790	590	4090
9	160	120	131	240	170	182	10200	260	2430	9530	650	3970
10	1350	130	316	250	160	183	16000	1180	6980	8600	480	3110
11	9370	150	2010	670	160	209	15300	2060	8560	8800	500	3140
12	10200	530	4030	1230	220	525	14100	2070	7760	8800	630	3970
13	9720	720	3730	2080	310	1020	14100	1980	7850	8710	470	3840
14	8570	570	3010	3860	230	899	13600	1760	7180	7180	360	3540
15	5990	410	1970	4710	180	1110	10400	1030	5640	8460	250	3860
16	1980	340	886	2070	160	551	9790	1030	5390	250	130	159
17	1450	280	707	190	150	162	8880	760	5330	140	110	117
18	1540	280	814	160	130	143	9030	670	5000	110	90	101
19	3600	510	1760	140	140	140	8510	420	4000	100	90	99
20	1840	390	878	140	140	140	7790	340	3560	110	100	105
21	580	220	400	150	140	143	6920	280	3100	110	100	101
22	670	230	423	1070	150	312	11200	410	4700	100	90	94
23	1330	290	599	2340	170	592	16200	3170	8950	100	90	93
24	1330	320	727	980	180	305	15900	3220	10100	90	90	90
25	1190	270	603	1730	170	405	14900	4720	9970	90	90	90
26	700	200	336	1640	170	352	13100	1460	7370	90	80	88
27	280	170	204	5050	170	792	12200	900	5900	100	90	90
28	180	160	164	7100	210	1740	12500	1010	5760	90	90	90
29	170	160	160	7210	270	2230	13300	2130	8320	90	80	88
30	160	160	160	7210	340	2510	15500	1480	7820	90	80	86
31	---	---	---	7160	310	2640	15600	1020	7730	---	---	---
MONTH	10200	100	838	7210	130	601	16200	260	6030	20900	80	3280
YEAR	20900	80	1350									

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.5	25.5	26.0	20.5	18.5	19.5	17.5	15.5	16.0	9.0	8.0	8.5
2	26.0	25.0	25.5	20.0	19.0	19.5	17.0	15.5	16.0	8.5	8.0	8.5
3	25.5	25.0	25.5	20.5	19.5	20.0	17.0	15.5	16.0	10.0	8.5	9.5
4	25.5	24.5	25.0	20.0	18.5	19.0	17.5	15.5	16.5	9.0	7.5	8.5
5	25.5	24.5	25.0	19.0	17.5	18.0	17.0	15.5	16.5	8.0	7.5	7.5
6	25.5	24.5	25.0	18.5	16.5	17.5	17.0	16.0	16.5	7.5	7.0	7.0
7	25.5	24.5	25.0	17.5	16.0	16.5	17.0	16.5	16.5	7.5	6.5	7.0
8	25.5	24.5	25.0	17.0	15.5	16.0	17.5	16.5	17.0	7.5	6.5	7.0
9	25.0	24.5	25.0	17.0	16.0	16.5	17.5	16.5	17.0	8.5	6.5	7.5
10	25.0	24.0	24.5	17.5	16.5	17.0	17.5	16.0	16.5	7.5	6.0	7.0
11	25.0	23.5	24.0	18.0	17.0	17.5	17.0	16.0	16.5	7.5	6.0	6.5
12	24.5	23.5	24.0	17.5	16.5	17.0	17.0	15.5	16.0	7.5	6.0	6.5
13	24.5	23.5	23.5	17.5	16.5	17.0	16.5	15.5	16.0	8.0	6.5	7.0
14	24.5	23.0	23.5	17.5	16.5	17.0	16.0	14.5	15.0	8.5	7.0	7.5
15	23.5	22.5	23.0	17.0	16.5	17.0	15.0	13.0	14.0	9.0	8.0	8.5
16	23.5	22.0	22.5	17.0	16.5	17.0	14.0	13.0	13.5	9.0	7.5	8.5
17	23.0	21.5	22.5	18.0	16.5	17.0	13.5	12.5	13.0	10.0	8.5	9.0
18	23.0	21.5	22.0	18.0	16.5	17.0	13.0	12.0	12.5	11.0	9.5	10.0
19	23.5	21.5	22.5	17.0	16.5	17.0	13.0	12.0	12.5	11.0	9.5	10.0
20	23.0	22.0	22.5	17.5	16.5	17.0	13.0	12.0	12.0	11.0	9.5	10.5
21	22.5	21.5	22.0	17.0	16.0	16.5	12.5	11.5	12.0	11.5	10.5	11.0
22	21.5	20.0	21.0	16.5	15.0	16.0	13.0	11.5	12.0	12.0	11.0	11.5
23	21.0	19.0	20.0	17.0	15.5	16.0	12.0	11.0	11.5	13.5	12.0	12.5
24	20.5	19.0	19.5	16.5	16.0	16.0	11.0	10.0	11.0	14.0	13.0	13.5
25	20.0	18.5	19.5	17.0	16.0	16.5	10.5	9.5	10.0	14.5	13.0	13.5
26	20.0	18.5	19.0	17.0	16.0	16.5	10.0	9.0	9.5	14.0	13.0	13.5
27	20.0	18.5	19.0	17.0	15.5	16.0	10.0	9.0	9.5	14.0	13.0	13.5
28	20.0	18.5	19.0	17.0	15.5	16.0	10.0	9.0	9.5	14.5	13.5	14.0
29	20.0	18.5	19.0	17.0	15.5	16.0	9.5	9.0	9.0	15.5	13.5	14.0
30	20.0	18.5	19.5	16.5	15.5	16.0	9.0	8.5	8.5	14.0	13.5	13.5
31	20.5	19.0	19.5	---	---	---	9.5	8.0	8.5	13.5	12.0	12.5
MONTH	26.5	18.5	22.5	20.5	15.0	17.0	17.5	8.0	13.4	15.5	6.0	9.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	11.0	11.5	12.0	9.0	10.5	15.5	15.0	15.0	18.5	16.0	17.0
2	12.5	11.5	12.0	12.0	9.5	11.0	17.0	15.0	16.0	17.0	15.5	16.5
3	13.0	12.0	12.0	12.0	10.5	11.0	18.0	16.5	17.0	17.0	15.5	16.0
4	13.0	12.5	12.5	12.5	9.5	11.0	19.0	17.0	18.0	16.0	15.5	16.0
5	13.0	12.0	12.5	12.0	10.5	11.0	19.0	18.5	18.5	17.0	16.0	16.5
6	13.0	11.5	12.0	13.0	11.0	12.0	19.0	18.0	18.5	18.5	16.5	17.0
7	13.5	12.0	12.5	12.5	10.5	11.5	20.5	19.0	19.5	18.5	17.0	18.0
8	14.0	12.5	13.0	11.5	10.0	11.0	21.5	19.5	20.5	21.0	18.0	19.0
9	14.0	13.0	13.5	11.0	10.5	11.0	21.0	20.0	20.5	21.0	19.0	19.5
10	14.5	13.5	13.5	11.5	10.5	11.0	21.5	20.5	21.0	20.5	19.5	20.0
11	15.0	13.5	14.0	12.0	10.5	11.0	22.0	20.5	21.5	21.0	20.0	20.5
12	16.5	14.5	15.0	12.0	10.5	11.0	22.5	21.0	22.0	21.0	20.5	20.5
13	15.5	14.0	14.5	11.5	10.0	10.5	21.5	20.5	21.0	22.0	20.5	21.0
14	14.0	12.5	13.0	12.0	10.5	11.0	21.0	20.0	20.5	22.0	21.0	21.5
15	12.5	11.0	12.0	11.5	10.5	11.0	21.5	20.0	21.0	22.5	21.0	21.5
16	12.5	10.5	11.5	11.5	9.5	10.5	21.0	20.0	20.5	22.5	20.5	21.5
17	13.0	11.0	12.0	12.5	10.5	11.5	20.0	19.0	19.5	21.5	20.5	21.0
18	13.5	12.0	12.5	14.5	11.5	12.5	20.5	18.5	19.0	22.0	21.0	21.5
19	13.0	12.5	12.5	13.5	12.0	13.0	20.5	18.5	19.0	21.5	21.0	21.5
20	13.0	11.5	12.5	14.0	12.5	13.5	20.5	18.5	19.5	22.0	21.0	21.5
21	12.5	11.0	12.0	14.5	13.5	14.0	20.5	19.0	20.0	22.0	21.0	21.5
22	11.0	9.5	10.5	15.0	13.5	14.0	21.0	19.5	20.5	23.0	21.5	22.0
23	10.5	9.0	10.0	15.0	13.5	14.5	21.5	20.0	21.0	23.5	22.0	22.5
24	10.0	8.5	9.0	16.0	14.5	15.0	21.0	20.5	20.5	23.5	22.5	23.0
25	9.5	8.5	9.0	16.0	15.5	15.5	21.0	20.0	20.5	24.5	23.0	23.5
26	10.0	8.5	9.0	15.5	15.0	15.0	21.0	20.0	20.5	25.0	22.5	24.0
27	10.0	8.5	9.0	16.0	14.5	15.0	22.0	20.5	21.0	25.0	24.0	24.5
28	11.0	9.5	10.0	16.0	14.0	15.0	21.5	20.5	21.0	25.0	23.5	24.5
29	---	---	---	15.5	14.0	14.5	20.5	19.5	20.0	25.5	24.0	24.5
30	---	---	---	15.5	14.0	15.0	20.0	17.5	18.5	25.5	24.0	25.0
31	---	---	---	15.5	14.5	15.0	---	---	---	25.5	24.0	25.0
MONTH	16.5	8.5	11.9	16.0	9.0	12.5	22.5	15.0	19.7	25.5	15.5	20.9

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.0	24.0	24.5	26.5	25.5	26.0	33.5	31.5	32.0	27.0	26.0	26.5
2	26.0	24.5	25.0	27.0	26.0	26.5	32.5	32.0	32.0	27.0	25.5	26.5
3	26.0	25.0	25.5	27.5	26.5	27.0	32.0	31.5	31.5	27.0	25.5	26.5
4	26.0	25.0	25.5	28.0	26.5	27.5	31.5	30.5	31.0	26.5	25.5	26.0
5	26.0	25.0	25.5	29.0	27.0	28.0	32.0	30.5	31.0	26.5	25.5	26.0
6	26.5	25.5	26.0	28.0	27.5	28.0	31.5	31.0	31.0	27.0	26.0	26.5
7	27.0	25.5	26.5	29.0	27.5	28.0	31.5	30.5	31.0	27.5	26.5	27.0
8	27.5	26.0	27.0	29.5	28.0	28.5	32.0	30.5	31.0	27.5	26.5	27.0
9	28.0	26.5	27.5	30.0	28.5	29.0	31.5	30.0	30.5	27.5	27.0	27.0
10	28.5	27.0	27.5	30.0	28.5	29.5	31.0	30.5	30.5	28.0	27.0	27.5
11	28.5	27.5	28.0	30.0	28.5	29.5	32.0	30.0	30.5	28.0	26.5	27.0
12	28.5	27.0	27.5	29.5	28.5	29.0	31.5	30.5	30.5	27.5	26.5	27.0
13	28.5	27.0	27.5	29.0	28.0	28.5	32.0	30.5	31.0	27.0	26.0	26.5
14	27.5	27.0	27.5	28.5	27.5	28.0	31.5	30.5	31.0	27.0	26.0	26.5
15	27.5	27.0	27.5	28.5	27.5	28.0	31.5	30.5	31.0	26.5	23.0	25.0
16	28.0	27.0	27.5	28.5	27.5	28.0	31.0	30.5	31.0	24.0	22.5	23.5
17	28.0	27.0	27.5	29.0	27.5	28.0	31.5	30.0	31.0	23.0	22.0	22.5
18	27.5	26.5	27.0	29.0	28.0	28.5	31.5	30.0	30.5	22.5	21.5	22.0
19	27.0	25.5	26.0	29.0	28.0	28.5	31.5	30.5	30.5	22.5	21.5	22.0
20	26.0	25.0	25.5	29.5	28.0	28.5	31.0	30.0	30.5	22.5	22.0	22.0
21	25.5	24.5	25.0	30.0	28.5	29.0	31.5	29.5	30.5	22.5	22.0	22.0
22	25.0	24.5	25.0	30.0	29.0	29.5	31.0	30.0	30.5	22.0	21.0	21.5
23	25.0	24.0	25.0	30.5	29.5	30.0	31.0	30.0	30.5	21.5	20.5	21.0
24	25.5	24.5	25.0	31.0	29.5	30.0	30.5	30.0	30.0	21.0	20.0	20.5
25	26.0	25.0	25.5	31.5	30.0	30.5	30.5	29.5	30.0	21.0	20.0	20.5
26	27.0	25.0	25.5	32.5	30.0	31.0	31.0	29.5	30.0	22.0	20.5	21.0
27	26.5	25.0	26.0	32.0	30.5	31.0	30.0	29.5	29.5	22.0	21.5	22.0
28	26.5	25.5	26.0	32.5	30.5	31.5	30.0	29.0	29.5	22.0	22.0	22.0
29	26.5	25.5	26.0	32.5	31.0	31.5	29.5	28.0	29.0	22.5	22.0	22.0
30	27.0	25.5	26.0	32.5	31.0	31.5	29.0	27.0	28.0	23.0	22.0	22.5
31	---	---	---	33.0	31.0	32.0	28.0	26.5	27.0	---	---	---
MONTH	28.5	24.0	26.2	33.0	25.5	29.0	33.5	26.5	30.4	28.0	20.0	24.2
YEAR	33.5	6.0	19.9									

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.5	1.3	2.1	6.2	5.9	6.0	---	---	---	9.4	9.3	9.4
2	2.9	1.8	2.4	6.1	5.8	6.0	---	---	---	9.6	9.3	9.5
3	2.7	1.8	2.3	6.1	5.8	5.9	---	---	---	9.6	9.1	9.4
4	2.8	2.0	2.4	6.2	5.7	5.9	---	---	---	9.6	9.2	9.3
5	3.0	2.0	2.4	6.6	5.9	6.3	---	---	---	9.5	9.2	9.4
6	3.4	2.1	2.8	6.8	6.2	6.4	---	---	---	9.4	9.3	9.4
7	3.6	2.5	3.0	6.6	6.3	6.4	---	---	---	10.0	9.4	9.6
8	4.0	2.1	3.2	6.6	6.4	6.5	---	---	---	10.0	9.6	9.8
9	4.0	3.6	3.8	6.8	6.4	6.5	7.9	7.5	7.7	10.2	9.9	10.0
10	4.2	3.8	4.0	6.6	6.4	6.5	8.1	7.5	7.8	10.4	10.2	10.3
11	4.2	3.9	4.0	7.0	6.6	6.8	8.0	7.5	7.7	10.3	10.0	10.1
12	4.1	3.9	4.0	7.2	6.8	7.0	7.9	7.5	7.8	10.0	9.8	9.9
13	4.4	4.0	4.2	7.1	6.8	7.0	7.7	7.5	7.6	9.9	9.1	9.6
14	5.0	4.3	4.6	6.9	6.7	6.9	8.1	7.5	7.7	9.1	9.0	9.1
15	5.4	4.6	5.0	6.9	6.7	6.8	8.5	7.8	8.1	9.1	8.9	9.0
16	5.6	5.1	5.3	6.7	6.6	6.7	8.5	8.1	8.2	8.9	8.8	8.9
17	5.7	5.3	5.5	6.8	6.5	6.6	8.6	8.1	8.2	8.8	8.5	8.7
18	5.5	5.4	5.4	7.0	6.6	6.7	8.2	7.9	8.1	8.6	8.3	8.4
19	5.6	5.3	5.4	7.2	6.8	6.9	8.2	8.0	8.0	8.5	8.2	8.4
20	5.6	5.4	5.5	6.9	6.7	6.8	8.3	8.0	8.1	8.3	8.0	8.2
21	6.3	5.4	5.7	7.1	6.6	6.8	8.5	8.2	8.4	8.2	7.9	8.0
22	6.9	5.7	6.2	7.1	6.7	6.9	8.8	8.4	8.6	8.0	7.7	7.8
23	6.5	6.1	6.4	7.0	6.7	6.9	9.0	8.8	8.9	8.1	7.5	7.8
24	6.5	6.1	6.3	6.9	6.8	6.9	9.0	8.8	8.8	8.0	7.3	7.7
25	6.3	6.0	6.2	7.0	6.7	6.9	9.3	8.9	9.1	7.5	6.9	7.2
26	6.3	6.0	6.1	7.2	6.8	7.0	9.4	8.8	9.2	7.0	6.6	6.9
27	6.4	6.0	6.1	7.2	6.9	7.0	8.9	8.7	8.8	6.7	6.3	6.5
28	6.3	5.9	6.0	7.2	6.9	7.0	8.9	8.7	8.8	7.0	6.0	6.5
29	6.4	6.0	6.1	7.1	6.8	6.9	9.1	8.8	9.0	6.5	6.0	6.1
30	6.2	6.0	6.1	7.0	6.8	6.9	9.6	9.0	9.4	6.3	5.8	6.1
31	6.4	6.0	6.1	---	---	---	9.5	9.3	9.4	6.6	6.0	6.3
MONTH	6.9	1.3	4.7	7.2	5.7	6.7	9.6	7.5	8.4	10.4	5.8	8.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.6	6.3	6.4	8.6	7.6	8.4	7.7	7.2	7.5	7.8	7.2	7.5
2	6.5	6.3	6.3	8.4	8.1	8.2	7.4	6.8	7.1	7.8	7.1	7.5
3	6.5	6.2	6.3	8.3	7.3	8.0	7.1	6.6	6.8	7.4	7.0	7.2
4	6.7	5.7	6.4	8.6	8.1	8.3	7.0	6.4	6.8	7.1	6.7	7.0
5	6.4	6.2	6.3	8.2	7.9	8.1	6.8	6.3	6.6	7.1	6.5	6.8
6	6.4	6.1	6.3	8.0	7.7	7.8	6.8	5.9	6.4	6.8	6.2	6.5
7	6.4	6.0	6.1	8.6	7.9	8.2	6.7	5.7	6.3	6.3	5.9	6.1
8	6.2	5.8	6.1	8.6	8.2	8.4	6.5	5.8	6.2	6.0	5.5	5.8
9	6.1	5.2	5.7	8.4	8.2	8.3	6.5	5.6	6.0	5.7	5.1	5.5
10	5.8	5.5	5.6	8.7	8.4	8.5	6.2	5.0	5.7	5.5	5.1	5.3
11	5.7	5.4	5.6	8.8	8.4	8.5	5.6	5.0	5.4	5.4	4.8	5.1
12	6.0	5.1	5.7	8.9	8.6	8.7	5.8	5.1	5.4	5.2	4.7	4.9
13	6.3	5.6	5.9	8.9	8.7	8.8	5.7	5.2	5.5	5.0	4.5	4.8
14	6.6	5.7	6.2	9.1	8.8	8.9	5.3	4.9	5.1	4.8	4.5	4.6
15	6.5	5.9	6.2	9.4	8.9	9.1	5.5	4.7	5.0	5.3	4.6	5.0
16	6.8	6.3	6.5	9.3	9.0	9.1	6.2	5.2	5.6	5.4	4.8	5.1
17	6.8	6.6	6.7	9.3	9.0	9.2	5.9	5.4	5.6	5.1	4.5	4.9
18	6.8	6.1	6.6	9.7	9.1	9.2	6.1	5.3	5.6	4.7	4.2	4.5
19	6.7	6.5	6.6	9.1	8.7	9.0	6.5	5.3	5.8	4.6	4.2	4.4
20	6.8	6.6	6.7	9.0	8.6	8.8	6.5	5.8	6.2	4.6	4.2	4.4
21	6.9	6.5	6.7	8.8	8.5	8.7	6.2	5.9	6.1	5.1	4.1	4.4
22	7.2	6.7	7.0	8.8	8.2	8.5	6.4	5.9	6.1	4.7	4.1	4.5
23	7.3	6.9	7.1	8.5	8.0	8.3	6.5	5.9	6.3	5.3	4.5	4.8
24	7.6	7.2	7.4	8.3	7.9	8.1	6.5	6.0	6.3	5.4	5.0	5.2
25	7.7	7.5	7.6	8.0	7.6	7.8	6.6	6.1	6.4	5.2	4.6	4.8
26	7.9	7.6	7.8	7.9	7.6	7.7	6.2	5.8	6.0	4.9	4.3	4.6
27	8.2	7.9	8.0	8.4	7.5	7.8	6.0	5.6	5.7	5.0	4.0	4.4
28	8.4	7.8	8.1	8.6	7.4	7.9	6.4	5.7	6.1	4.6	4.0	4.3
29	---	---	---	8.2	7.4	7.7	6.7	6.1	6.4	4.4	3.8	4.2
30	---	---	---	7.9	7.2	7.5	7.6	6.4	7.0	4.5	3.8	4.3
31	---	---	---	7.6	7.2	7.5	---	---	---	4.6	3.9	4.4
MONTH	8.4	5.1	6.6	9.7	7.2	8.4	7.7	4.7	6.1	7.8	3.8	5.3

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.0	4.1	4.5	5.4	4.9	5.2	---	---	---	4.5	4.1	4.3
2	5.0	4.1	4.6	5.2	4.5	4.9	---	---	---	4.7	4.1	4.4
3	5.3	4.4	4.9	4.9	4.4	4.6	---	---	---	5.1	4.1	4.5
4	4.8	4.4	4.7	4.8	4.2	4.5	---	---	---	4.7	4.2	4.5
5	4.9	4.5	4.7	4.9	4.2	4.6	---	---	---	4.7	4.1	4.3
6	4.7	4.1	4.5	4.9	4.3	4.6	4.4	3.0	3.7	4.4	3.8	4.2
7	4.3	4.0	4.2	5.1	4.2	4.7	4.0	3.1	3.6	4.3	3.9	4.1
8	4.3	3.8	4.1	5.0	4.4	4.7	4.2	3.0	3.6	4.0	3.6	3.9
9	4.5	3.9	4.2	5.1	4.4	4.8	4.7	3.5	4.1	3.8	3.1	3.6
10	4.4	3.6	4.1	5.2	3.8	4.7	4.0	2.5	3.4	4.0	2.9	3.6
11	5.2	3.6	4.3	5.3	4.1	4.6	4.5	2.4	3.4	3.9	3.1	3.6
12	5.3	4.1	4.6	5.1	3.9	4.5	4.1	2.9	3.4	4.1	3.3	3.7
13	4.9	3.9	4.3	4.8	3.7	4.1	4.1	2.8	3.2	4.4	3.4	3.9
14	4.2	3.7	3.9	4.4	3.4	3.7	4.2	2.7	3.3	4.7	3.4	4.0
15	4.4	3.6	3.9	3.9	3.3	3.6	3.9	2.8	3.2	7.0	4.3	5.6
16	4.2	3.7	3.9	3.8	3.2	3.5	3.5	2.5	3.0	7.0	4.9	6.1
17	4.3	3.6	3.9	3.9	3.3	3.6	4.0	2.7	3.2	5.2	4.2	4.8
18	5.0	3.5	4.2	3.9	3.3	3.7	4.2	2.8	3.5	4.3	3.2	3.7
19	5.0	4.1	4.4	4.2	3.4	3.8	4.4	2.9	3.7	3.7	2.5	3.3
20	4.8	4.2	4.5	4.4	3.8	4.2	4.3	3.3	3.9	3.6	2.5	3.0
21	4.8	4.0	4.4	4.3	3.7	4.0	4.8	3.5	4.1	3.6	2.8	3.2
22	4.8	4.0	4.4	4.3	3.6	3.9	4.3	3.2	3.8	4.3	2.8	3.7
23	4.7	4.1	4.3	---	---	---	4.5	3.3	3.8	3.7	1.6	2.8
24	4.6	4.1	4.3	---	---	---	4.1	3.3	3.6	2.7	1.2	2.0
25	4.6	4.0	4.3	---	---	---	3.9	3.0	3.4	2.3	1.0	1.7
26	4.9	4.3	4.5	---	---	---	3.8	3.0	3.3	2.4	1.0	1.7
27	4.8	4.2	4.5	---	---	---	4.1	3.1	3.5	2.4	1.4	2.0
28	5.3	4.1	4.8	---	---	---	3.8	2.9	3.5	2.4	1.6	2.1
29	5.7	4.7	5.1	---	---	---	4.8	2.9	3.6	2.6	1.7	2.3
30	5.7	5.1	5.3	---	---	---	5.0	4.1	4.6	3.0	2.1	2.6
31	---	---	---	---	---	---	4.7	4.2	4.4	---	---	---
MONTH	5.7	3.5	4.4	5.4	3.2	4.3	5.0	2.4	3.6	7.0	1.0	3.6
YEAR	10.4	1.0	5.9									

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC

LOCATION.--Lat 34°36'22'', long 79°47'19'', Marlboro County, Hydrologic Unit 03040201, inside the intake structure at Willamette Industries, 8.5 mi west of Bennettsville, and at mile 153.0.

DRAINAGE AREA.--7,600 mi^2, approximatley.

PERIOD OF RECORD.--November 1990 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by Willamette Industries).

REMARKS.--Records poor. Flow regulated by powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft^3/s).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3260	1170	2350	5230	10100	2920	6220	24100	1850	3150	533	1900
2	3450	1110	1430	3300	11600	4890	9530	27000	3630	2370	894	889
3	2490	2050	2230	5550	19900	3940	10800	19400	3640	2030	2480	1840
4	1360	5060	3010	18400	20400	3940	5940	14400	3350	636	2470	1300
5	1820	3060	2350	16000	17900	4510	3260	11100	3250	585	1450	481
6	2810	2640	1210	10500	15500	3570	5740	9890	1090	1120	958	1710
7	e2880	1930	1260	8510	10900	3340	5760	7260	873	2410	315	2320
8	3870	1310	1350	7990	4530	2560	5360	6320	3010	1900	e440	2570
9	10000	1400	1510	5600	3200	4910	2930	3200	2790	2080	e420	2580
10	8660	1350	1840	2580	7450	7040	2000	2290	2130	1450	e1150	1990
11	4270	2000	2390	2280	9200	6900	1380	4970	1330	533	1460	1970
12	1900	1580	2480	3980	9680	6420	1790	6000	1910	481	2000	899
13	5450	2660	1150	4780	8690	5500	3830	4410	739	2280	1530	565
14	2950	2130	1260	5320	5740	2720	2710	4520	643	2070	697	1830
15	3550	1620	2930	6370	2570	5740	2760	5550	2270	3620	504	6530
16	3660	1690	4340	7870	4070	8250	3520	4940	1790	4990	529	8750
17	3840	2780	8410	3440	5780	8210	2260	6370	1980	4380	1840	2700
18	1570	3560	8750	4490	5130	8340	1330	5540	1890	898	1740	1010
19	1150	3720	8130	9300	5990	7980	1530	5410	2240	483	2880	1050
20	3600	3190	4520	10400	7360	5610	2480	5730	639	3030	1870	767
21	5140	2730	2740	10000	4660	2760	3270	5910	680	3610	432	680
22	6550	1430	3570	8970	4970	6140	3400	5230	2830	3050	388	3130
23	3280	1640	e5460	8300	7010	10900	2930	2840	2050	3220	386	4060
24	1750	2660	e6820	14600	6370	11000	2780	3120	2130	3200	1680	2800
25	1190	4520	11000	46400	5820	9960	1340	3390	1950	520	1520	2450
26	e1130	4810	16200	47400	5690	9140	1210	3410	1830	350	1840	987
27	e1840	2900	11600	35100	5870	8930	2210	4060	754	1730	1900	815
28	1500	3250	5820	24300	4480	4660	3060	3630	1370	1650	1490	3830
29	1430	2240	6630	17800	---	3190	3360	3690	2620	1910	622	7450
30	4280	2320	5350	14100	---	6060	7800	1220	2600	1700	429	37200
31	2200	---	7250	11300	---	6630	---	1000	---	1950	2080	---
TOTAL	102830	74510	145340	380160	230560	186660	112490	215900	59858	63386	38927	107053
MEAN	3317	2484	4688	12260	8234	6021	3750	6965	1995	2045	1256	3568
MAX	10000	5060	16200	47400	20400	11000	10800	27000	3640	4990	2880	37200
MIN	1130	1110	1150	2280	2570	2560	1210	1000	639	350	315	481
CFSM	.44	.33	.62	1.61	1.08	.79	.49	.92	.26	.27	.17	.47
IN.	.50	.36	.71	1.86	1.13	.91	.55	1.06	.29	.31	.19	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1999, BY WATER YEAR (WY)

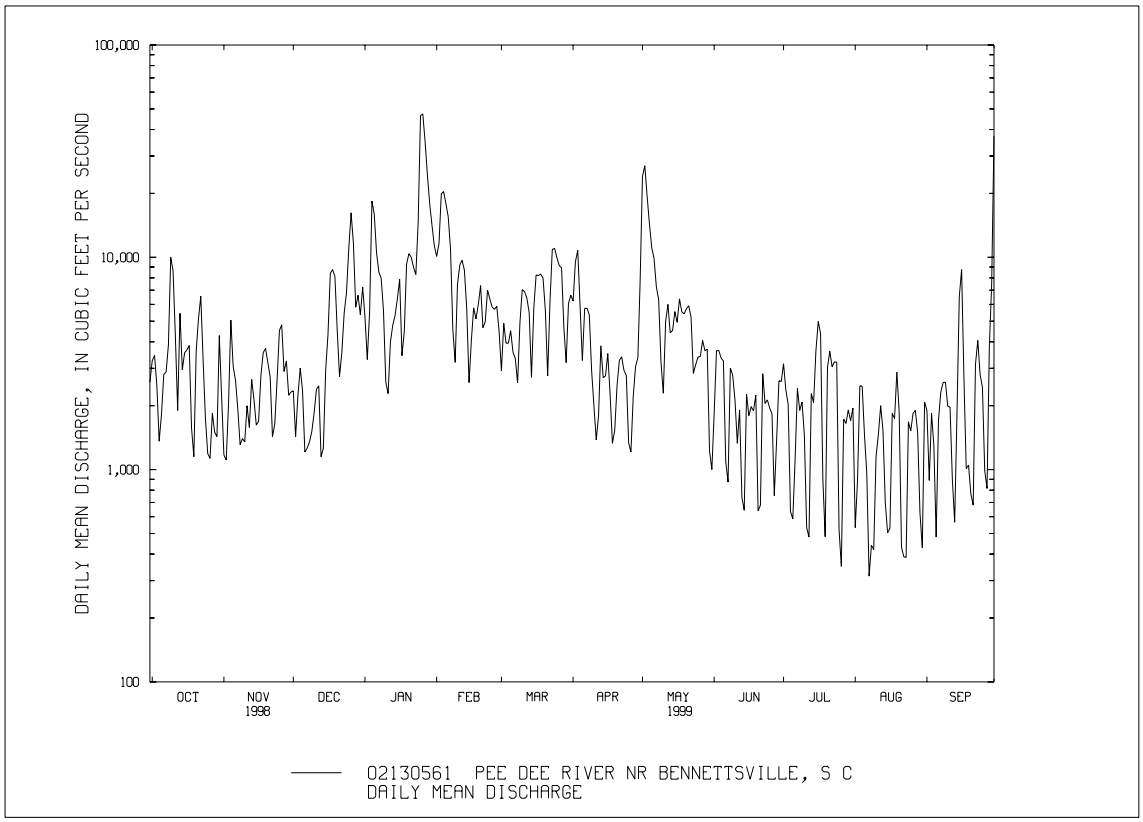
MEAN	5754	6974	7002	16050	14730	18960	14020	7911	6173	5530	5567	4646
MAX	15040	18640	11850	27660	26260	35610	24740	13350	12250	11630	11400	9718
(WY)	1996	1996	1997	1998	1998	1993	1991	1997	1992	1997	1994	1996
MIN	2202	2449	3475	5732	6597	6021	3420	4431	1995	2045	1256	2205
(WY)	1994	1992	1992	1992	1993	1999	1995	1995	1999	1999	1999	1993

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1991 - 1999	
ANNUAL TOTAL	4167612		1717674			
ANNUAL MEAN	11420		4706		9107	
HIGHEST ANNUAL MEAN					11830	1998
LOWEST ANNUAL MEAN					4706	1999
HIGHEST DAILY MEAN	61900	Mar 21	47400	Jan 26	77400	Feb 19 1995
LOWEST DAILY MEAN	656	Sep 28	315	Aug 7	315	Aug 7 1999
ANNUAL SEVEN-DAY MINIMUM	1650	Sep 19	885	Aug 5	880	Nov 24 1991
INSTANTANEOUS PEAK FLOW			52100	Jan 25	* 88200	Oct 26 1990
INSTANTANEOUS PEAK STAGE			82.79	Jan 25	* 87.51	Oct 26 1990
ANNUAL RUNOFF (CFSM)	1.50		.62		1.20	
ANNUAL RUNOFF (INCHES)	20.40		8.41		16.28	
10 PERCENT EXCEEDS	33100		9590		20200	
50 PERCENT EXCEEDS	5450		3030		5740	
90 PERCENT EXCEEDS	1430		995		1780	

* From discharge measurement made prior to gage installation.

e Estimated



02130900 BLACK CREEK NEAR MCBEE, SC

LOCATION.--Lat 34°30'50'', long 80°11'00'', Chesterfield County, Hydrologic Unit 03040201, near right bank, at downstream side of bridge on U.S. Highway 1, 0.2 mi upstream from Little Alligator Creek, 5.8 mi northeast of McBee, and at mile 59.1.

DRAINAGE AREA.--108 mi^2.

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1956-59.

GAGE.--Data collection platform. Datum of gage is 224.72 ft above sea level. Prior to December 22, 1959, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	184	103	124	147	198	151	164	440	54	77	34	28
2	194	104	122	144	244	147	185	559	55	74	38	27
3	e220	102	120	218	262	142	205	528	53	62	32	26
4	e240	119	119	254	281	144	213	334	51	53	29	26
5	e245	133	119	259	306	143	191	215	49	47	27	27
6	e240	133	119	292	249	139	153	160	48	44	27	42
7	e230	124	120	268	214	135	141	172	47	45	26	44
8	e240	120	121	199	194	131	135	183	46	46	26	40
9	e247	119	120	170	183	134	131	174	45	42	25	36
10	385	122	118	165	176	151	127	140	44	38	26	34
11	433	122	115	160	169	164	123	120	58	38	26	33
12	318	121	112	155	167	165	114	105	58	42	26	30
13	208	120	122	147	173	146	115	97	52	50	25	29
14	150	119	159	145	161	166	105	94	48	67	28	29
15	135	158	168	181	156	216	104	94	49	72	53	38
16	126	179	222	211	154	219	154	100	70	65	47	144
17	121	276	232	228	153	227	176	99	150	53	41	144
18	117	311	225	273	153	225	146	89	98	46	36	98
19	116	274	239	253	158	168	116	84	74	41	33	65
20	115	236	202	227	181	145	106	85	67	39	34	54
21	115	179	157	231	194	178	108	77	71	39	36	61
22	117	152	154	218	201	221	97	74	71	35	34	105
23	112	143	154	189	182	217	89	75	67	33	32	112
24	109	139	155	277	160	229	83	74	61	35	31	92
25	109	136	201	328	152	219	81	71	61	36	35	68
26	110	139	224	409	150	182	79	65	91	51	39	57
27	109	139	230	448	148	181	80	64	147	47	39	68
28	109	132	241	347	147	185	138	61	e183	38	38	174
29	107	127	205	249	---	173	178	59	e120	34	34	261
30	104	125	168	213	---	166	329	57	83	33	32	314
31	103	---	155	198	---	154	---	55	---	33	30	---
TOTAL	5468	4506	5042	7203	5266	5363	4166	4604	2171	1455	1019	2306
MEAN	176	150	163	232	188	173	139	149	72.4	46.9	32.9	76.9
MAX	433	311	241	448	306	229	329	559	183	77	53	314
MIN	103	102	112	144	147	131	79	55	44	33	25	26
CFSM	1.63	1.39	1.51	2.15	1.74	1.60	1.29	1.38	.67	.43	.30	.71
IN.	1.88	1.55	1.74	2.48	1.81	1.85	1.43	1.59	.75	.50	.35	.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1999, BY WATER YEAR (WY)

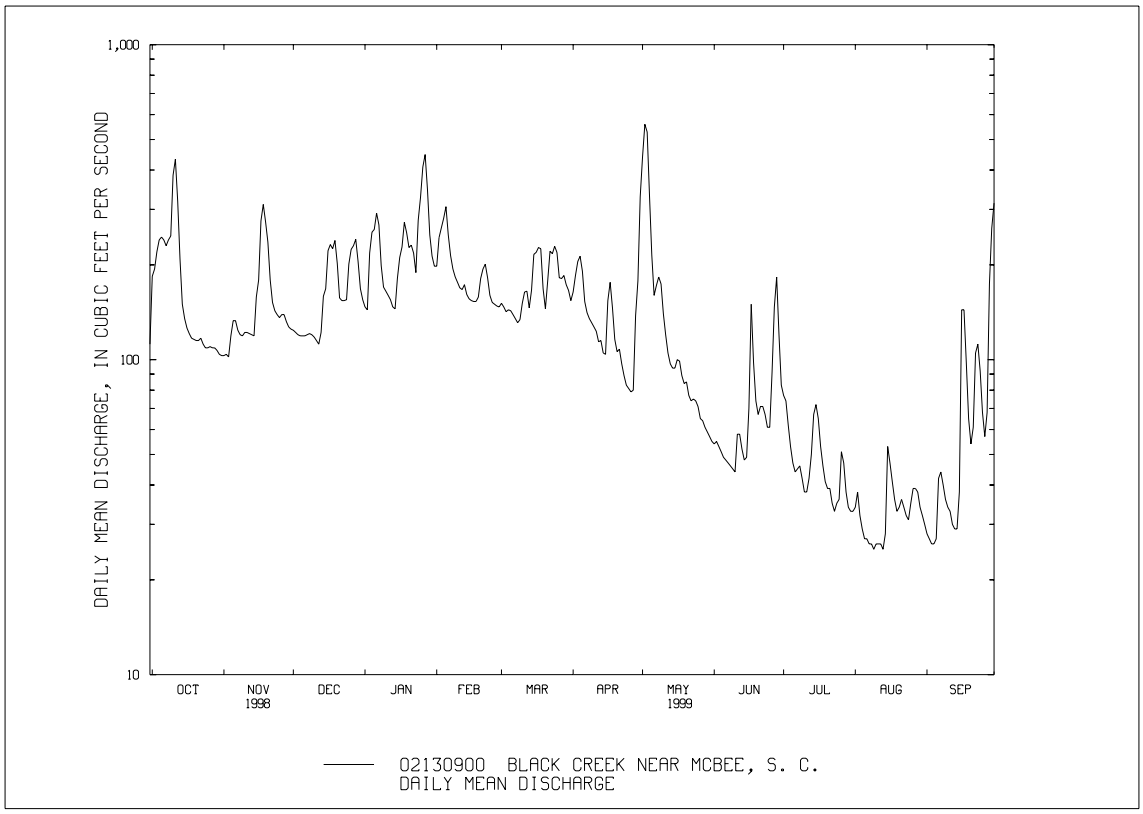
MEAN	134	140	165	214	227	243	198	136	115	111	122	101
MAX	469	230	267	483	503	460	398	276	272	357	370	245
(WY)	1991	1972	1973	1998	1998	1998	1998	1991	1969	1975	1971	1979
MIN	53.6	59.6	86.7	91.3	110	107	66.1	52.7	30.1	23.9	32.9	26.7
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1999	1968

02130900 BLACK CREEK NEAR MCBEE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1960 - 1999	
ANNUAL TOTAL	93998		48569			
ANNUAL MEAN	258		133		159	
HIGHEST ANNUAL MEAN					265	1998
LOWEST ANNUAL MEAN					91.4	1986
HIGHEST DAILY MEAN	1220	Mar 20	559	May 2	2460	Oct 13 1990
LOWEST DAILY MEAN	59	Jul 14	25	Aug 9	17 *	Jun 29 1981
ANNUAL SEVEN-DAY MINIMUM	64	Jul 9	26	Aug 7	18	Jul 30 1990
INSTANTANEOUS PEAK FLOW			625	May 2	** 4500	Oct 12 1990
INSTANTANEOUS PEAK STAGE			9.37	May 2	13.07	Oct 12 1990
ANNUAL RUNOFF (CFSM)	2.38		1.23		1.47	
ANNUAL RUNOFF (INCHES)	32.38		16.73		19.96	
10 PERCENT EXCEEDS	507		239		287	
50 PERCENT EXCEEDS	199		122		137	
90 PERCENT EXCEEDS	93		35		49	

* Also occurred Aug. 4, 5, 1990.
** From rating curve extended above 1,800 ft^3/s.

e Estimated



02130910 BLACK CREEK NEAR HARTSVILLE, SC

LOCATION.--Lat 34°23'50'', long 80°09'00'', Darlington County, Hydrologic Unit 03040201, at downstream side of bridge on State Road 23, 1,000 ft downstream from dam at H. B. Robinson Steam Electric Plant, 2.1 mi upstream from Beaverdam Creek, 4.6 mi west of Hartsville, and at mile 49.9.

DRAINAGE AREA.--173 mi^2.

PERIOD OR RECORD.--October 1960 to current year.

GAGE.--Data collection platform. Datum of gage is 177.48 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation by storage in Lake Robinson above station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	144	137	180	252	271	202	226	707	87	131	90	65
2	153	136	177	241	403	196	232	739	84	127	78	67
3	159	139	173	300	405	189	231	680	83	122	68	65
4	166	140	170	317	408	193	235	361	85	116	68	65
5	170	140	167	326	411	185	246	266	83	110	65	64
6	168	139	166	327	409	181	234	251	81	104	69	66
7	164	139	164	342	391	187	220	260	82	99	70	66
8	163	140	162	348	299	174	208	250	79	95	73	64
9	171	144	164	328	256	174	190	245	73	91	71	67
10	191	147	158	302	251	178	184	233	72	85	67	68
11	254	150	155	273	241	181	174	213	81	84	66	65
12	308	155	151	256	233	185	172	194	83	82	64	64
13	320	153	164	245	233	184	160	177	79	e82	61	63
14	299	154	178	236	220	201	149	170	83	85	63	63
15	267	169	192	258	209	230	144	157	88	90	70	79
16	239	179	232	258	206	241	146	148	86	92	68	189
17	215	219	250	267	203	e255	148	141	93	96	e66	126
18	197	259	260	293	208	e260	154	136	106	102	66	90
19	184	286	270	317	211	e265	154	134	108	e97	66	94
20	177	298	284	320	214	253	147	128	110	95	64	98
21	168	300	278	318	224	254	144	122	108	94	65	114
22	163	277	270	319	226	272	138	118	106	92	65	147
23	149	257	254	321	224	273	133	116	104	89	63	144
24	144	240	250	701	225	275	132	112	102	85	63	143
25	143	225	268	784	215	287	128	109	100	89	e65	138
26	143	220	272	721	212	294	124	107	106	92	e65	132
27	141	211	277	591	205	280	124	106	110	92	e68	136
28	138	200	288	357	203	263	140	100	123	84	69	262
29	139	189	296	235	---	254	152	96	136	73	71	512
30	138	182	289	256	---	242	531	93	137	75	68	602
31	139	---	266	260	---	228	---	90	---	84	66	---
TOTAL	5714	5724	6825	10669	7416	7036	5500	6759	2858	2934	2101	3918
MEAN	184	191	220	344	265	227	183	218	95.3	94.6	67.8	131
MAX	320	300	296	784	411	294	531	739	137	131	90	602
MIN	138	136	151	235	203	174	124	90	72	73	61	63
CFSM	1.07	1.10	1.27	1.99	1.53	1.31	1.06	1.26	.55	.55	.39	.75
IN.	1.23	1.23	1.47	2.29	1.59	1.51	1.18	1.45	.61	.63	.45	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1999, BY WATER YEAR (WY)

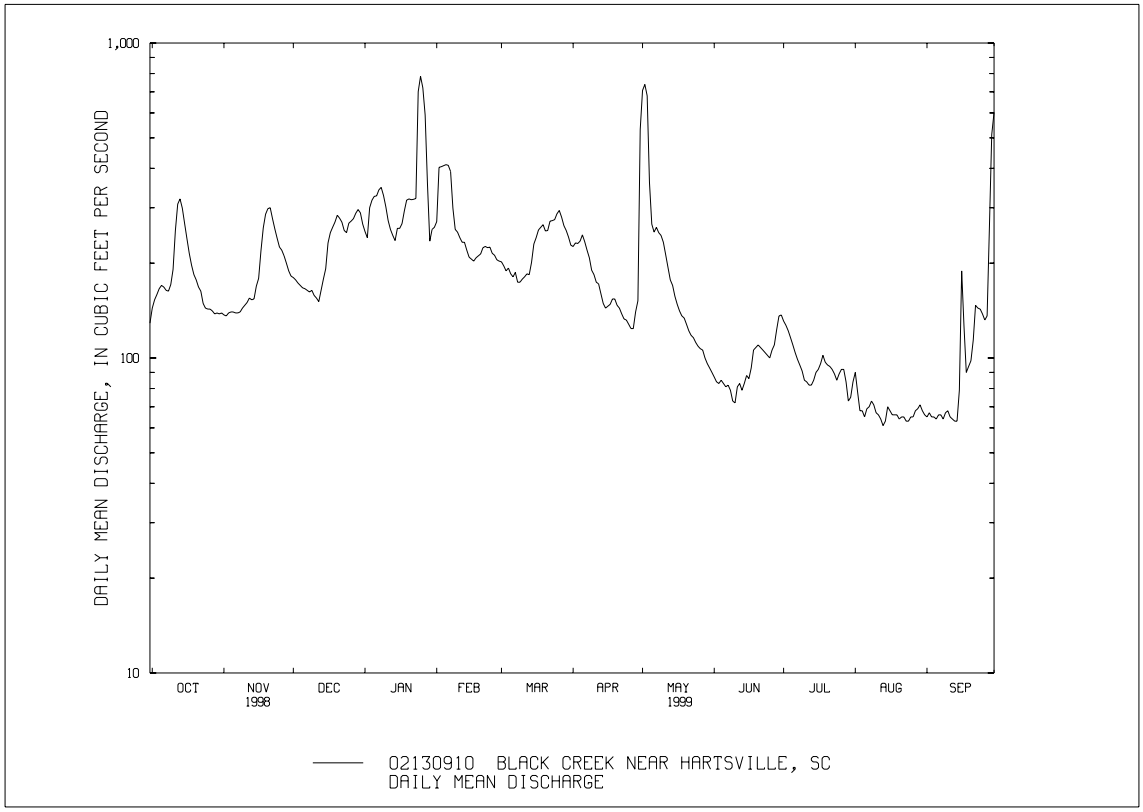
MEAN	184	197	231	298	311	335	270	197	171	164	186	157
MAX	539	299	393	641	713	649	533	364	376	447	466	336
(WY)	1991	1972	1977	1998	1998	1998	1998	1991	1973	1975	1971	1979
MIN	76.6	107	142	144	172	164	109	90.9	76.3	46.4	67.8	79.7
(WY)	1982	1982	1989	1981	1989	1985	1985	1981	1986	1986	1999	1968

02130910 BLACK CREEK NEAR HARTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1961 - 1999	
ANNUAL TOTAL	126807		67454			
ANNUAL MEAN	347		185		225	
HIGHEST ANNUAL MEAN					358	1998
LOWEST ANNUAL MEAN					141	1986
HIGHEST DAILY MEAN	1310	Jan 10	784	Jan 25	2890	Oct 13 1990
LOWEST DAILY MEAN	94	Jul 14	61	Aug 13	30	Aug 7 1990
ANNUAL SEVEN-DAY MINIMUM	99	Jul 11	64	Aug 20	33	Aug 2 1990
INSTANTANEOUS PEAK FLOW			887	Jan 24	* 4450	Oct 13 1990
INSTANTANEOUS PEAK STAGE			7.97	Jan 24	12.35	Oct 13 1990
ANNUAL RUNOFF (CFSM)	2.01		1.07		1.30	
ANNUAL RUNOFF (INCHES)	27.27		14.50		17.65	
10 PERCENT EXCEEDS	729		298		372	
50 PERCENT EXCEEDS	255		163		198	
90 PERCENT EXCEEDS	126		69		98	

* From rating curve extended above 1,100 ft^3/s.

e Estimated



02131000 PEE DEE RIVER AT PEE DEE, SC

LOCATION.--Lat 34°12'15'', long 79°32'55'', Marion County, Hydrologic Unit 03040201, at downstream side of downstream bridge on U.S. Highway 76 at Pee Dee, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, 8.2 mi downstream from Black Creek, and at mile 100.2.

DRAINAGE AREA.--8,830 mi^2, approximately.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1947, published as near Mars Bluff." Gage-height records collected at practically same site since 1923 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 24.73 ft above sea level. Prior to Oct. 1, 1947, at site 1.6 mi downstream at datum 1.27 ft lower.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft^3).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3120	2920	2860	7330	18800	5740	7420	9920	1270	3620	2670	2150
2	3390	1610	2690	6180	17300	4700	7560	15800	1850	4250	1590	2380
3	3430	1380	2110	4820	16700	5540	9380	17200	3500	3890	1490	1610
4	2790	2050	2370	7020	17200	5190	10300	17700	3800	3200	2970	2050
5	1920	4240	3250	13100	17700	5190	7980	17300	3550	1850	2960	1780
6	1890	3620	2960	13900	17700	5440	5650	16300	3250	1280	2150	1180
7	2770	2990	1840	12700	17300	4890	6460	15000	1780	1500	1590	1770
8	3090	2370	1620	11100	15800	4270	6690	13000	1190	2910	1080	2830
9	4250	1650	1610	9770	12700	3790	6280	10700	2560	2940	826	3080
10	8020	1540	1750	7450	9750	5560	4540	7300	2990	2880	743	3170
11	8010	1510	2100	4720	9880	7140	3130	4930	2490	2370	1230	2680
12	5390	1910	2700	3770	10600	7520	2340	5890	1740	1420	1790	2430
13	3150	1930	2800	4740	10900	7330	2400	6690	1970	1070	2360	1550
14	4690	2600	1890	5400	10300	6320	4100	5840	1440	2410	2160	1130
15	3830	2400	1690	6150	7940	4730	3780	5710	1020	3040	1360	2200
16	3820	1940	3380	7200	5280	6350	3650	6370	2140	4420	1050	6130
17	3970	2010	5400	7850	5540	8110	4090	6390	2610	5780	974	7810
18	3920	2940	7780	5850	6570	8760	3270	7000	3090	5330	2030	5210
19	2390	3840	8720	6160	6680	8950	2110	6630	3350	2620	2390	2830
20	1660	4140	8460	9090	7150	8740	2070	6310	3590	1370	3250	2090
21	3160	3800	6280	10400	7830	7020	3030	6410	2310	3350	2700	1750
22	5000	3230	4290	10600	6690	4970	3740	6560	1850	4400	1370	1550
23	5990	2160	4470	10100	6590	6940	4010	5770	3420	4170	943	3670
24	4170	2060	5780	10800	7560	9950	3570	4020	3420	4380	891	5010
25	2450	3080	7050	14700	7620	10900	3290	3780	3310	4250	1780	4260
26	1530	4500	10200	17900	7230	10800	2170	3840	3060	2090	2090	3600
27	1400	4960	12600	19400	6970	10500	1630	3910	2800	1180	2480	2340
28	1640	3820	11900	21300	6830	9890	2600	4350	1790	2080	2560	2010
29	1650	3550	8990	22400	---	7190	3580	4090	2040	2460	2170	4800
30	1610	2990	7810	22300	---	5450	4790	3790	3350	2690	1440	9640
31	3550	---	6770	20800	---	6700	---	2050	---	2590	1030	---
TOTAL	107650	83740	154120	335000	299110	214570	135610	250550	76530	91790	56117	94690
MEAN	3473	2791	4972	10810	10680	6922	4520	8082	2551	2961	1810	3156
MAX	8020	4960	12600	22400	18800	10900	10300	17700	3800	5780	3250	9640
MIN	1400	1380	1610	3770	5280	3790	1630	2050	1020	1070	743	1130
CFSM	.39	.32	.56	1.22	1.21	.78	.51	.92	.29	.34	.21	.36
IN.	.45	.35	.65	1.41	1.26	.90	.57	1.06	.32	.39	.24	.40

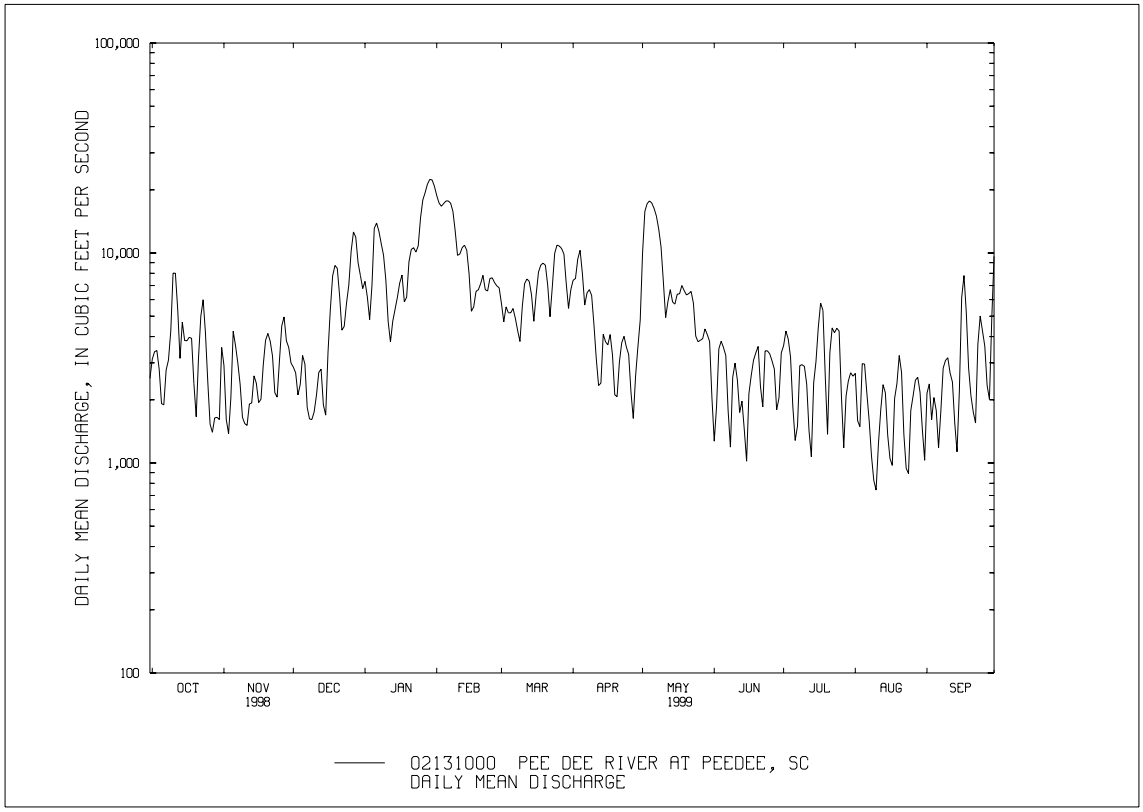
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

MEAN	6757	6787	8993	13030	15970	17630	14260	9360	7380	6567	6714	6571
MAX	29150	18760	22710	26840	44410	36910	31790	24620	17950	21520	16110	49130
(WY)	1965	1948	1949	1993	1960	1979	1984	1958	1982	1975	1970	1945
MIN	2117	2241	3213	3268	5560	5505	4055	3083	2551	2475	1810	1380
(WY)	1952	1954	1940	1956	1941	1981	1981	1981	1999	1986	1999	1954

02131000 PEE DEE RIVER AT PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1939 - 1999	
ANNUAL TOTAL	4257350		1899477			
ANNUAL MEAN	11660		5204		9930	
HIGHEST ANNUAL MEAN					16470	1960
LOWEST ANNUAL MEAN					5204	1999
HIGHEST DAILY MEAN	43100	Mar 25	22400	Jan 29	217000	Sep 22 1945
LOWEST DAILY MEAN	1180	Sep 29	743	Aug 10	720	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	1930	Nov 8	1340	Aug 6	814	Sep 27 1954
INSTANTANEOUS PEAK FLOW			22600	Jan 29	* 220000	Sep 22 1945
INSTANTANEOUS PEAK STAGE			21.50	Jan 29	** 33.30	Sep 22 1945
INSTANTANEOUS LOW FLOW			724	Aug 10	629	Jun 26 1984
ANNUAL RUNOFF (CFSM)	1.32		.59		1.12	
ANNUAL RUNOFF (INCHES)	17.94		8.00		15.28	
10 PERCENT EXCEEDS	27600		10500		20400	
50 PERCENT EXCEEDS	6570		3790		7150	
90 PERCENT EXCEEDS	2030		1610		3060	

* From rating curve extended above 76,000 ft^3/s on basis of discharge measurement of 221,000 ft^3/s at Cheraw.
** At datum then in use.



02131010 PEE DEE RIVER BELOW PEE DEE, SC

LOCATION.--Lat 34°08'41'', long 79°32'43'', Florence County, Hydrologic Unit 03040201, on right bank at Stone Container boat landing, 1.5 mi east of Oak Grove, 5.2 mi downstream of U.S. Highway 76 and 301, and at mile 95.0.

DRAINAGE AREA.--8,850 mi^2, approximately.

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

GAGE.--Data collection platform. Elevation of gage is 19 ft above mean sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft^3).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

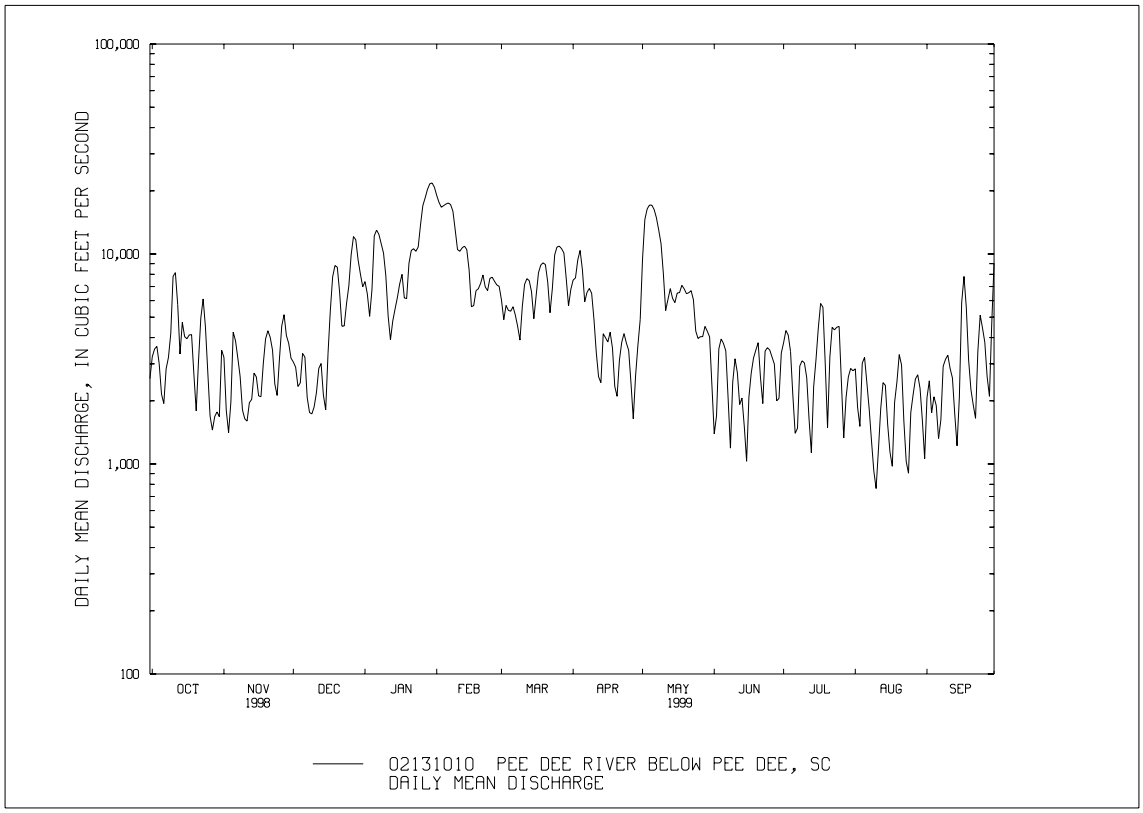
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3240	3220	3060	7390	19000	6040	7520	9460	1390	3780	2840	2070
2	3530	1800	2890	6450	17600	4870	7690	14600	1700	4320	1860	2490
3	3630	1410	2340	5050	16700	5690	9380	16400	3540	4110	1510	1750
4	3000	1970	2430	6780	17000	5390	10400	17100	3940	3430	3020	2090
5	2150	4250	3360	12200	17300	5340	8420	17100	3750	2120	3220	1900
6	1940	3860	3230	13000	17500	5610	5920	16300	3460	1400	2440	1320
7	2840	3190	2070	12400	17200	5120	6580	14900	2060	1480	1830	1620
8	3220	2610	1760	11200	16000	4520	6850	13000	1190	2930	1290	2920
9	4180	1810	1730	10100	13000	3890	6500	11200	2450	3100	929	3150
10	7830	1640	1870	7870	10500	5610	4880	8060	3170	3030	764	3300
11	8150	1600	2190	5060	10300	7170	3390	5380	2720	2580	1170	2850
12	5740	1960	2850	3900	10700	7630	2600	6080	1920	1640	1840	2570
13	3340	2030	3010	4800	10900	7470	2440	6840	2060	1130	2440	1730
14	4730	2710	2130	5480	10500	6610	4170	6140	1510	2340	2370	1220
15	4040	2600	1810	6210	8410	4920	3990	5870	1030	3130	1540	2080
16	3950	2110	3360	7210	5610	6350	3810	6520	2080	4430	1140	5870
17	4120	2090	5400	8000	5680	8140	4240	6550	2710	5810	975	7820
18	4130	3000	7780	6170	6690	8860	3560	7090	3200	5580	1970	5570
19	2670	3940	8810	6140	6830	9080	2340	6830	3490	3010	2460	3130
20	1790	4310	8660	9030	7260	8900	2100	6470	3780	1490	3320	2260
21	3090	4010	6610	10400	7950	7360	3120	6540	2580	3230	2960	1910
22	4960	3490	4530	10600	6960	5250	3800	6690	1940	4480	1600	1650
23	6110	2400	4540	10300	6700	6850	4180	6060	3450	4350	1030	3450
24	4490	2120	5810	10800	7660	9890	3770	4300	3580	4480	904	5110
25	2750	3170	7040	13800	7750	10800	3480	3960	3490	4520	1760	4450
26	1690	4550	9900	17000	7410	10900	2430	4040	3230	2450	2140	3800
27	1450	5140	12100	18500	7120	10600	1640	4040	2990	1330	2540	2610
28	1680	4090	11700	20300	7020	10100	2640	4520	2000	2070	2660	2100
29	1770	3750	9390	21600	---	7650	3680	4290	2050	2600	2290	4640
30	1680	3190	8030	21800	---	5660	4880	4030	3380	2850	1610	9030
31	3480	---	6980	20800	---	6790	---	2370	---	2780	1060	---
TOTAL	111370	88020	157370	330340	303250	219060	140400	252730	79840	95980	59482	96460
MEAN	3593	2934	5076	10660	10830	7066	4680	8153	2661	3096	1919	3215
MAX	8150	5140	12100	21800	19000	10900	10400	17100	3940	5810	3320	9030
MIN	1450	1410	1730	3900	5610	3890	1640	2370	1030	1130	764	1220
CFSM	.41	.33	.57	1.20	1.22	.80	.53	.92	.30	.35	.22	.36
IN.	.47	.37	.66	1.39	1.27	.92	.59	1.06	.34	.40	.25	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1999, BY WATER YEAR (WY)

MEAN	5545	5569	8618	14680	19090	15780	11080	11580	4795	4749	4069	3956
MAX	9073	7349	12270	22580	30550	24650	18510	13480	6217	7472	6301	5667
(WY)	1997	1998	1997	1998	1998	1998	1998	1997	1998	1997	1997	1998
MIN	3593	2934	5076	10660	10830	7066	4680	8153	2661	3096	1919	2987
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1997

02131010 PEE DEE RIVER BELOW PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1997 - 1999	
ANNUAL TOTAL	4232330		1934302			
ANNUAL MEAN	11600		5299		9075	
HIGHEST ANNUAL MEAN					12280	1998
LOWEST ANNUAL MEAN					5299	1999
HIGHEST DAILY MEAN	44100	Mar 25	21800	Jan 30	44100	Mar 25 1998
LOWEST DAILY MEAN	1410	Nov 3	764	Aug 10	764	Aug 10 1999
ANNUAL SEVEN-DAY MINIMUM	2050	Nov 9	1470	Aug 6	1470	Aug 6 1999
INSTANTANEOUS PEAK FLOW			22000	Jan 30	44300	Mar 25 1998
INSTANTANEOUS PEAK STAGE			27.85	Jan 30	30.89	Mar 25 1998
INSTANTANEOUS LOW FLOW			735	Aug 10	735	Aug 10 1999
ANNUAL RUNOFF (CFSM)	1.31		.60		1.03	
ANNUAL RUNOFF (INCHES)	17.79		8.13		13.93	
10 PERCENT EXCEEDS	27700		10600		19200	
50 PERCENT EXCEEDS	6610		3940		6190	
90 PERCENT EXCEEDS	2150		1720		2140	



02131221 PEE DEE RIVER AT POSTON, SC

LOCATION.--Lat 33°53'07'', long 79°24'38'', Florence County, Hydrologic Unit 03040201, on right bank at boat landing, 1.2 mi northeast of Poston, and at mile 66.0.

PERIOD OF RECORD.--May 1996 to current year.

PERIOD OF DAILY RECORD.--

pH: May 1996 to current year.

WATER TEMPERATURE: October 1995 to current year.

DISSOLVED OXYGEN: May 1996 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

pH: Maximum, 8.6 units, Jul. 21, 1999; minimum, 6.1 units, Jul. 28 to Aug. 3, 1997.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 3, 1996, Aug. 1, 1999; minimum, 2.5°C, Dec. 29, 1995, Jan. 11, 13, 14, 1996.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 20, 1997; minimum, 2.5 mg/L, Sep. 13, 17, 1996.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum, 8.6 units, Jul 21; minimum, 6.2 units, many days.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1; minimum, 5.5°C, Jan. 7-9.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jul. 21; minimum recorded, 3.6 mg/L, Aug. 11.

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.9	7.1	6.9	7.0	6.9	6.7	6.6	6.3	6.3	6.9	6.9
2	7.0	6.9	7.0	6.9	7.0	6.9	6.8	6.7	6.4	6.3	6.9	6.7
3	7.0	7.0	7.0	6.8	7.0	6.9	6.7	6.6	6.4	6.4	6.8	6.8
4	7.0	7.0	6.8	6.8	6.9	6.9	6.7	6.6	6.5	6.4	6.9	6.8
5	7.0	7.0	6.9	6.8	6.9	6.8	6.7	6.5	6.6	6.5	6.8	6.8
6	7.0	6.9	6.9	6.8	6.9	6.8	6.6	6.5	6.5	6.5	6.8	6.8
7	6.9	6.9	6.9	6.8	6.9	6.7	6.6	6.4	6.5	6.5	6.9	6.8
8	6.9	6.8	6.9	6.9	7.0	6.8	6.4	6.3	6.5	6.4	6.9	6.8
9	6.9	6.8	6.9	6.8	7.0	6.9	6.3	6.3	6.5	6.4	6.9	6.7
10	6.9	6.8	7.2	6.8	7.0	6.9	6.4	6.3	6.4	6.4	6.8	6.7
11	6.8	6.7	7.2	7.1	7.0	6.9	6.3	6.2	6.4	6.4	6.9	6.7
12	6.7	6.7	7.2	7.1	6.9	6.9	6.3	6.2	6.6	6.4	6.9	6.8
13	6.7	6.6	7.2	7.1	6.9	6.8	6.3	6.2	6.7	6.6	6.9	6.8
14	6.9	6.7	7.2	7.2	6.8	6.8	6.5	6.3	6.8	6.7	6.9	6.8
15	7.0	6.9	7.3	7.2	6.9	6.8	6.6	6.5	6.7	6.7	6.8	6.7
16	7.0	7.0	7.3	7.2	6.9	6.7	6.6	6.6	6.7	6.6	6.7	6.6
17	7.0	7.0	7.2	7.1	6.7	6.6	6.7	6.6	6.7	6.6	6.7	6.7
18	7.0	7.0	7.2	7.2	6.7	6.6	6.7	6.6	6.8	6.7	6.7	6.7
19	7.0	7.0	7.2	7.2	6.6	6.5	6.6	6.5	6.9	6.8	6.7	6.6
20	7.0	7.0	7.2	7.2	6.5	6.4	6.7	6.5	6.9	6.8	6.7	6.6
21	7.1	7.0	7.3	7.2	6.8	6.4	6.7	6.7	6.9	6.9	6.7	6.6
22	7.0	6.9	7.2	7.2	6.8	6.8	6.7	6.7	6.9	6.8	6.6	6.5
23	7.1	7.0	7.2	7.2	6.9	6.8	6.7	6.7	6.8	6.8	6.5	6.5
24	7.1	7.0	7.2	7.1	6.9	6.8	6.7	6.6	6.9	6.8	6.5	6.4
25	7.1	7.1	7.1	7.1	6.9	6.9	6.7	6.7	6.9	6.9	6.5	6.4
26	7.1	7.1	7.1	7.0	6.9	6.9	6.7	6.6	6.9	6.9	6.4	6.4
27	7.1	7.0	7.1	7.0	6.9	6.8	6.6	6.4	6.9	6.9	6.4	6.4
28	7.0	6.9	7.1	7.0	6.8	6.8	6.4	6.3	6.9	6.9	6.4	6.4
29	7.0	6.9	7.0	7.0	6.8	6.6	6.3	6.2	---	---	6.4	6.2
30	6.9	6.9	7.0	7.0	6.6	6.5	6.2	6.2	---	---	6.3	6.2
31	7.1	6.9	---	---	6.6	6.5	6.3	6.2	---	---	6.4	6.2
MONTH	7.1	6.6	7.3	6.8	7.0	6.4	6.8	6.2	6.9	6.3	6.9	6.2

02131221 PEE DEE RIVER AT POSTON, SC--Continued
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.5	6.4	6.6	6.6	6.7	6.7	7.1	7.0	7.7	7.1	7.6	7.4
2	6.5	6.5	6.6	6.5	6.7	6.7	7.1	7.1	7.4	7.1	7.8	7.5
3	6.5	6.5	6.6	6.4	6.9	6.7	7.1	7.1	7.5	7.2	7.8	7.4
4	6.6	6.5	6.4	6.3	7.1	6.8	7.1	7.0	7.3	7.1	7.6	7.4
5	6.5	6.3	6.4	6.2	7.0	6.8	7.1	7.0	7.2	7.0	7.6	7.4
6	6.4	6.3	6.3	6.2	6.8	6.7	7.1	7.1	7.1	7.0	7.7	7.5
7	6.3	6.3	6.3	6.2	6.8	6.7	7.1	7.0	7.3	7.0	7.6	7.4
8	6.4	6.3	6.3	6.2	6.9	6.7	7.2	7.1	7.1	7.1	7.5	7.4
9	6.4	6.4	6.3	6.2	7.3	6.8	7.3	7.1	7.3	7.1	7.6	7.3
10	6.4	6.4	6.3	6.2	---	---	7.3	7.1	7.4	7.2	7.6	7.3
11	6.4	6.3	6.2	6.2	---	---	7.1	7.1	7.4	7.2	7.4	7.3
12	6.5	6.4	6.4	6.2	---	---	7.2	7.1	7.6	7.3	7.5	7.3
13	6.5	6.5	6.5	6.4	---	---	7.1	7.0	7.8	7.5	7.7	7.4
14	6.6	6.5	6.6	6.5	---	---	7.2	7.0	7.9	7.5	7.7	7.5
15	6.6	6.5	6.6	6.6	---	---	7.2	7.1	7.8	7.4	7.5	7.3
16	6.6	6.5	6.7	6.6	---	---	7.3	7.1	8.1	7.6	7.4	7.3
17	6.6	6.6	6.7	6.5	---	---	7.2	7.1	7.6	7.3	7.3	7.1
18	6.7	6.6	6.6	6.5	---	---	7.2	7.1	8.2	7.3	7.1	7.0
19	6.7	6.6	6.7	6.6	---	---	7.3	7.1	8.2	7.7	7.0	6.8
20	6.6	6.5	6.7	6.6	---	---	8.2	7.3	7.7	7.3	6.8	6.8
21	6.6	6.5	6.7	6.6	---	---	8.6	7.6	7.4	7.2	6.8	6.8
22	6.6	6.5	6.7	6.7	6.7	6.6	8.3	7.5	7.4	7.3	6.8	6.7
23	6.6	6.6	6.8	6.7	6.8	6.7	8.2	7.4	7.4	7.3	6.8	6.7
24	6.7	6.6	6.7	6.7	6.8	6.8	7.6	7.3	7.5	7.4	6.8	6.7
25	6.8	6.7	6.7	6.6	6.9	6.8	7.5	7.3	8.1	7.5	6.8	6.6
26	6.8	6.7	6.7	6.6	6.9	6.8	7.6	7.0	7.9	7.6	6.7	6.6
27	6.7	6.6	6.7	6.6	6.9	6.9	8.2	7.2	7.7	7.4	6.7	6.6
28	6.6	6.5	6.8	6.7	7.0	6.9	8.3	7.3	7.6	7.4	6.6	6.5
29	6.7	6.6	6.8	6.7	7.0	6.9	8.0	7.3	7.4	7.3	6.6	6.5
30	6.7	6.6	6.8	6.8	7.0	7.0	7.9	7.1	7.4	7.3	6.6	6.4
31	---	---	6.8	6.7	---	---	8.1	7.3	7.7	7.4	---	---
MONTH	6.8	6.3	6.8	6.2	7.3	6.6	8.6	7.0	8.2	7.0	7.8	6.4
YEAR	8.6	6.2										

02131221 PEE DEE RIVER AT POSTON, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.5	25.5	26.0	18.5	18.0	18.5	15.0	14.5	15.0	8.0	7.5	7.5
2	26.0	25.0	25.5	19.0	18.5	18.5	15.0	14.5	15.0	7.5	7.0	7.5
3	25.5	25.0	25.0	19.5	19.0	19.5	15.0	14.5	15.0	8.0	7.0	7.5
4	25.0	24.5	24.5	19.5	18.0	19.0	15.5	14.5	15.0	8.0	7.5	8.0
5	24.5	24.0	24.5	18.0	17.0	17.5	15.5	15.0	15.0	7.5	7.0	7.0
6	25.0	24.5	24.5	17.0	16.0	16.5	15.5	15.5	15.5	7.0	6.0	6.5
7	25.0	24.5	24.5	16.0	15.0	15.5	16.0	15.5	16.0	6.0	5.5	6.0
8	24.5	24.0	24.5	15.0	14.5	14.5	17.0	16.0	16.5	5.5	5.5	5.5
9	24.5	24.0	24.5	15.0	14.5	14.5	17.5	17.0	17.0	6.0	5.5	5.5
10	24.0	23.5	24.0	16.0	14.5	15.0	17.0	15.5	16.0	6.5	6.0	6.0
11	23.5	22.5	23.0	17.0	16.0	16.5	15.5	13.5	14.5	6.0	6.0	6.0
12	23.0	22.5	22.5	16.5	15.5	16.0	14.5	14.0	14.0	6.5	6.0	6.0
13	22.5	22.0	22.5	15.5	14.5	15.0	14.0	13.5	14.0	7.0	6.5	6.5
14	22.5	22.0	22.0	14.5	14.5	14.5	13.5	12.5	13.0	7.5	7.0	7.0
15	22.5	21.5	22.0	15.0	14.5	14.5	12.5	11.0	11.5	9.0	7.5	8.0
16	22.0	21.5	21.5	15.0	15.0	15.0	11.0	10.5	10.5	9.0	8.5	8.5
17	21.5	20.5	21.0	16.0	15.0	15.5	10.5	10.5	10.5	9.0	8.5	9.0
18	21.0	20.5	21.0	16.0	15.5	15.5	10.5	9.5	10.0	9.5	9.0	9.5
19	21.0	20.5	21.0	15.5	15.0	15.5	10.0	9.5	10.0	10.0	9.5	9.5
20	21.5	21.0	21.5	15.5	15.0	15.0	10.0	9.5	10.0	10.0	10.0	10.0
21	21.5	21.0	21.0	15.5	15.0	15.5	11.0	10.0	10.5	10.5	10.0	10.5
22	21.0	19.0	20.0	15.0	14.5	14.5	12.5	11.0	11.5	10.5	10.0	10.5
23	19.0	18.5	18.5	14.5	14.0	14.5	12.0	11.5	12.0	11.5	10.5	11.0
24	18.5	18.0	18.0	15.5	14.5	15.0	11.5	11.0	11.5	12.5	11.5	12.0
25	18.0	17.5	18.0	16.0	15.0	15.5	11.0	10.0	10.5	12.5	12.0	12.0
26	18.0	17.5	18.0	15.5	15.0	15.5	10.0	8.5	9.0	12.0	11.5	12.0
27	18.5	17.5	18.0	15.0	14.0	14.5	9.0	8.5	9.0	12.0	11.5	12.0
28	18.5	17.5	18.0	15.0	14.5	14.5	9.0	9.0	9.0	12.5	12.0	12.0
29	18.5	18.0	18.0	14.5	14.0	14.0	9.0	8.5	8.5	12.5	12.0	12.5
30	18.5	18.0	18.0	14.5	14.0	14.5	8.5	8.0	8.0	12.5	12.0	12.5
31	19.0	18.5	18.5	---	---	---	8.0	8.0	8.0	12.0	11.0	11.5
MONTH	26.5	17.5	21.6	19.5	14.0	15.7	17.5	8.0	12.3	12.5	5.5	8.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	10.5	10.5	10.5	9.5	9.5	14.5	14.5	14.5	15.0	14.0	14.5
2	11.0	10.5	10.5	11.0	10.0	10.5	15.5	14.5	15.0	14.5	13.5	14.0
3	10.5	10.5	10.5	11.5	10.5	11.0	16.5	15.5	16.0	14.5	14.0	14.5
4	11.0	10.5	10.5	11.0	10.5	11.0	17.0	16.0	16.5	14.5	14.0	14.0
5	10.5	10.0	10.5	11.0	10.5	10.5	18.0	17.0	17.5	16.0	14.5	15.5
6	10.5	10.0	10.0	11.5	10.5	11.0	18.0	18.0	18.0	17.0	16.0	16.5
7	11.0	10.5	10.5	11.5	11.0	11.0	18.5	18.0	18.0	18.0	17.0	17.5
8	11.5	11.0	11.0	11.0	10.5	11.0	20.0	18.5	19.5	19.0	18.0	18.5
9	12.0	11.5	11.5	10.5	10.0	10.5	19.5	18.5	19.0	20.0	19.0	19.5
10	12.5	12.0	12.5	10.5	9.5	10.0	21.0	19.0	20.0	21.0	20.0	20.5
11	13.5	12.5	13.0	10.0	9.5	10.0	22.0	21.0	21.5	21.5	20.5	21.0
12	14.0	13.5	13.5	9.5	9.5	9.5	22.5	21.5	22.0	21.5	21.5	21.5
13	13.5	12.5	13.0	10.0	9.5	9.5	21.5	20.5	21.0	23.5	21.5	22.0
14	12.5	11.5	12.0	10.0	9.5	10.0	20.5	19.5	20.0	23.0	22.5	23.0
15	11.5	11.0	11.0	10.0	10.0	10.0	20.0	19.0	19.5	22.5	21.5	22.0
16	11.0	10.0	10.5	10.5	9.5	10.0	20.0	19.0	19.5	21.5	20.5	21.0
17	11.0	10.5	11.0	10.5	10.0	10.0	19.0	18.5	18.5	21.5	21.0	21.5
18	11.5	11.0	11.5	11.0	10.5	10.5	18.5	17.5	18.0	21.5	20.5	21.0
19	12.0	11.5	11.5	12.0	11.0	11.5	18.5	17.5	18.0	22.5	21.5	22.0
20	11.5	11.0	11.5	12.5	11.5	12.0	19.5	18.0	18.5	22.5	21.5	22.0
21	11.5	11.0	11.0	13.0	12.0	12.5	20.5	19.0	19.5	23.5	22.0	22.5
22	11.0	9.5	10.0	14.0	13.0	13.5	21.0	20.0	20.5	23.5	23.0	23.0
23	9.5	9.0	9.0	14.5	13.5	14.0	22.0	20.5	21.0	24.0	23.0	23.5
24	9.0	8.5	9.0	15.0	14.0	14.5	21.5	21.0	21.5	24.5	23.5	24.0
25	9.0	8.0	8.5	14.5	14.0	14.0	22.0	21.0	21.5	24.5	24.0	24.5
26	8.5	8.0	8.5	14.0	13.5	14.0	21.0	21.0	21.0	25.0	24.0	24.5
27	9.0	8.5	8.5	14.0	13.5	13.5	22.0	21.0	21.5	25.5	24.5	25.0
28	9.5	9.0	9.5	14.0	13.5	13.5	21.5	20.0	21.0	25.5	24.5	25.0
29	---	---	---	13.5	13.0	13.5	20.0	18.0	19.0	25.0	24.0	24.5
30	---	---	---	14.0	13.0	13.5	18.0	15.0	16.5	25.0	24.5	25.0
31	---	---	---	14.5	14.0	14.0	---	---	---	26.0	24.5	25.5
MONTH	14.0	8.0	10.7	15.0	9.5	11.6	22.5	14.5	19.1	26.0	13.5	20.9

02131221 PEE DEE RIVER AT POSTON, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.0	25.5	27.5	26.5	27.0	33.0	32.0	32.5	26.5	25.0	26.0
2	26.5	25.0	26.0	28.0	26.5	27.5	32.5	32.0	32.5	26.5	25.0	26.0
3	26.5	25.5	26.5	28.0	27.0	27.5	32.0	31.0	31.5	26.5	26.0	26.0
4	27.5	26.5	27.0	28.5	27.0	28.0	31.0	30.0	30.5	26.5	25.5	26.0
5	27.5	27.0	27.5	29.5	28.5	29.0	31.0	30.0	30.5	27.0	26.0	26.5
6	27.0	26.5	27.0	29.5	28.5	29.0	31.0	30.5	31.0	27.0	26.0	26.5
7	28.0	26.5	27.0	29.5	28.0	29.0	31.5	30.0	31.0	27.5	26.5	27.0
8	29.0	27.0	28.0	29.5	28.5	29.0	31.5	30.5	31.0	28.0	27.0	27.5
9	29.5	28.0	29.0	30.0	29.0	29.5	31.5	30.0	31.0	28.0	27.0	27.5
10	---	---	---	31.0	29.5	30.0	30.5	29.5	30.0	28.0	27.0	27.5
11	---	---	---	30.5	29.5	30.0	31.0	29.5	30.0	28.0	27.0	27.5
12	---	---	---	29.5	28.0	28.5	31.5	30.0	31.0	27.5	26.5	27.0
13	---	---	---	28.0	26.0	27.0	32.0	31.0	31.5	26.5	26.0	26.5
14	---	---	---	26.0	25.0	25.5	32.0	31.0	31.5	26.5	26.0	26.0
15	---	---	---	26.5	25.0	25.5	31.5	30.0	31.0	26.0	23.5	25.0
16	---	---	---	26.5	25.5	26.0	31.0	30.0	30.5	24.0	22.5	23.0
17	---	---	---	27.0	26.0	26.5	32.0	30.0	31.0	24.5	23.5	24.0
18	---	---	---	28.5	27.0	27.5	32.5	31.0	31.5	24.5	23.5	24.0
19	---	---	---	28.0	27.5	28.0	32.0	31.0	31.5	23.5	23.0	23.0
20	---	---	---	29.5	28.0	28.5	31.0	30.5	31.0	23.0	22.5	23.0
21	---	---	---	31.0	29.0	30.0	31.0	30.0	30.5	23.0	22.0	22.5
22	23.5	23.0	23.5	31.0	30.0	30.5	31.0	30.0	30.5	23.0	22.0	22.5
23	24.5	23.0	24.0	31.5	30.5	31.0	31.0	30.0	30.5	22.0	21.0	21.0
24	25.0	23.5	24.0	31.0	30.5	31.0	30.5	29.5	30.0	21.5	20.5	21.0
25	25.5	24.5	25.0	31.0	30.5	31.0	30.0	29.0	29.5	21.5	21.0	21.5
26	25.5	25.0	25.5	31.5	31.0	31.0	30.0	29.0	29.5	22.0	21.5	21.5
27	26.5	25.5	26.0	32.0	30.5	31.5	29.5	28.5	29.0	22.5	22.0	22.0
28	27.0	26.5	26.5	32.5	31.0	31.5	29.5	29.0	29.0	23.0	22.5	22.5
29	27.5	26.5	27.0	32.5	31.0	32.0	29.5	28.5	29.0	23.5	22.5	23.0
30	27.0	26.5	27.0	32.0	31.0	32.0	28.5	27.5	28.0	23.5	23.0	23.5
31	---	---	---	32.5	31.5	32.0	27.5	26.5	26.5	---	---	---
MONTH	29.5	23.0	26.2	32.5	25.0	29.1	33.0	26.5	30.5	28.0	20.5	24.5
YEAR	33.0	5.5	19.1									

02131221 PEE DEE RIVER AT POSTON, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.5	5.1	5.3	7.4	6.7	7.0	8.2	7.9	8.1	10.3	10.1	10.2
2	5.4	5.2	5.4	6.8	6.2	6.5	8.2	7.8	8.0	10.8	10.3	10.6
3	5.4	5.2	5.4	---	---	---	8.0	7.7	7.8	10.7	10.4	10.5
4	5.5	5.3	5.5	---	---	---	7.8	7.4	7.6	10.4	10.2	10.3
5	5.5	5.4	5.4	---	---	---	7.7	7.4	7.6	10.9	10.3	10.7
6	5.4	5.2	5.3	---	---	---	7.7	7.4	7.5	11.1	10.7	10.9
7	5.7	5.2	5.4	---	---	---	7.5	6.8	7.2	11.2	11.1	11.2
8	5.7	5.5	5.6	---	---	---	7.9	6.8	7.6	11.2	11.0	11.0
9	5.8	5.6	5.7	---	---	---	7.8	7.6	7.7	11.0	10.7	10.9
10	5.9	5.6	5.7	---	---	---	7.9	7.6	7.8	10.7	10.5	10.6
11	5.7	5.6	5.6	7.9	7.2	7.6	8.7	7.9	8.2	10.5	10.3	10.4
12	5.7	5.6	5.7	8.1	7.4	7.7	8.5	8.3	8.4	10.4	10.3	10.4
13	5.7	5.6	5.7	8.0	7.6	7.9	8.7	8.5	8.6	10.4	10.3	10.4
14	5.9	5.3	5.6	8.2	7.8	7.9	9.1	8.7	8.9	11.0	10.3	10.5
15	6.0	5.2	5.7	8.3	7.9	8.1	9.3	9.1	9.2	10.8	10.3	10.5
16	6.2	5.7	5.9	8.0	7.6	7.9	9.8	9.3	9.6	10.3	10.0	10.1
17	6.5	5.8	6.1	7.8	7.4	7.6	9.8	9.3	9.6	10.1	9.9	10.0
18	6.6	6.0	6.3	7.6	7.3	7.4	10.1	9.6	9.9	10.0	9.7	9.9
19	6.5	5.8	6.2	7.7	7.3	7.5	10.1	9.7	10.0	9.7	9.4	9.5
20	6.2	5.6	5.9	8.0	7.5	7.7	10.3	10.0	10.2	9.7	9.4	9.5
21	5.9	5.2	5.7	8.0	7.5	7.7	10.2	9.7	10.0	9.7	9.6	9.6
22	6.5	5.6	6.0	8.4	7.8	8.0	9.7	9.1	9.3	9.7	9.5	9.6
23	6.9	5.9	6.4	8.1	7.7	7.9	9.1	8.9	9.0	9.5	9.3	9.4
24	6.9	6.1	6.6	8.1	7.3	7.6	9.4	9.0	9.2	9.3	8.9	9.1
25	6.6	5.5	6.1	7.9	7.3	7.5	9.7	9.4	9.5	9.0	8.9	8.9
26	6.1	5.0	5.5	8.3	7.4	7.8	10.2	9.7	10.0	9.1	8.8	8.9
27	5.2	4.0	4.6	8.9	7.9	8.4	10.2	10.1	10.1	9.1	8.4	8.8
28	4.6	4.1	4.4	8.7	8.0	8.2	10.3	10.1	10.2	8.4	7.7	8.1
29	6.2	4.1	5.1	8.4	8.1	8.3	10.3	10.0	10.2	7.7	7.2	7.4
30	6.5	5.7	6.0	8.2	8.0	8.1	10.1	10.0	10.0	7.2	7.1	7.2
31	6.9	5.9	6.4	---	---	---	10.2	10.0	10.1	7.4	7.2	7.3
MONTH	6.9	4.0	5.7	8.9	6.2	7.7	10.3	6.8	8.9	11.2	7.1	9.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.7	7.4	7.6	10.0	9.7	9.8	8.8	8.1	8.5	8.0	7.5	7.8
2	7.9	7.7	7.8	9.7	9.4	9.5	8.8	8.2	8.6	8.3	7.7	8.0
3	8.1	7.9	8.0	9.4	9.2	9.3	8.6	8.1	8.3	8.4	7.7	7.9
4	8.6	8.1	8.3	9.4	9.2	9.3	8.6	8.0	8.2	7.9	7.5	7.7
5	8.9	8.6	8.8	9.6	9.4	9.5	8.3	7.5	7.9	7.5	7.0	7.2
6	8.9	8.7	8.8	9.6	9.5	9.6	7.7	6.8	7.2	7.0	6.5	6.7
7	8.7	8.5	8.6	9.7	9.4	9.5	7.0	6.6	6.8	6.5	6.2	6.4
8	8.5	8.2	8.4	9.7	9.5	9.6	7.0	6.5	6.7	6.2	5.9	6.1
9	8.2	7.7	8.0	9.6	9.5	9.6	7.1	6.7	6.9	5.9	5.6	5.8
10	7.7	7.3	7.5	9.6	9.6	9.6	6.9	6.2	6.6	5.6	5.3	5.5
11	7.4	7.2	7.2	10.3	9.6	10.0	6.6	5.8	6.1	5.3	4.9	5.0
12	8.2	7.4	7.8	10.3	10.1	10.2	6.2	5.7	5.9	5.4	4.9	5.1
13	8.5	8.2	8.3	10.2	10.1	10.1	6.3	5.8	6.0	5.6	5.3	5.4
14	8.8	8.5	8.7	10.3	10.1	10.2	6.3	5.9	6.1	5.9	5.5	5.7
15	8.8	8.6	8.7	10.1	9.9	9.9	6.6	6.1	6.4	5.9	5.7	5.8
16	8.7	8.6	8.6	9.9	9.7	9.8	6.7	6.3	6.5	6.0	5.7	5.8
17	8.8	8.7	8.8	10.2	9.7	10.0	7.1	6.5	6.7	5.9	5.6	5.7
18	9.3	8.8	9.0	10.1	9.9	10.0	7.4	6.6	7.0	5.9	5.7	5.8
19	9.3	9.1	9.2	10.0	9.7	9.9	7.4	6.5	6.8	6.0	5.8	5.9
20	9.2	9.0	9.1	9.8	9.4	9.7	7.1	6.4	6.6	6.2	5.8	6.0
21	9.4	9.1	9.3	9.4	9.1	9.3	6.9	6.5	6.6	6.2	6.0	6.1
22	9.6	9.4	9.5	9.1	8.7	8.9	7.0	6.6	6.8	6.4	5.8	6.1
23	9.7	9.5	9.6	8.7	8.5	8.6	7.0	6.5	6.8	6.5	6.2	6.3
24	10.0	9.7	9.8	8.9	8.5	8.7	7.2	6.6	6.8	6.3	5.9	6.1
25	10.4	10.0	10.3	9.1	8.9	9.1	7.2	6.5	7.0	6.2	6.0	6.1
26	10.3	10.1	10.2	9.0	8.6	8.8	7.2	6.8	7.0	6.2	6.0	6.1
27	10.2	10.1	10.1	8.6	8.4	8.5	7.3	6.4	6.8	6.1	5.9	6.0
28	10.1	9.8	10.0	8.6	8.4	8.5	6.8	6.5	6.7	6.5	6.0	6.2
29	---	---	---	8.7	8.5	8.6	7.2	6.6	6.9	6.5	6.2	6.4
30	---	---	---	8.6	8.4	8.5	8.2	7.1	7.6	6.6	6.4	6.5
31	---	---	---	8.7	8.2	8.4	---	---	---	6.8	6.4	6.6
MONTH	10.4	7.2	8.8	10.3	8.2	9.4	8.8	5.7	7.0	8.4	4.9	6.3

02131221 PEE DEE RIVER AT POSTON, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	6.0	6.3	8.0	6.8	7.4	9.3	7.3	8.3	7.8	6.9	7.4
2	6.4	6.0	6.1	7.5	7.0	7.2	8.5	6.2	7.4	8.8	7.1	7.9
3	7.3	6.2	6.7	7.3	6.8	7.1	9.0	6.7	7.9	8.2	6.9	7.6
4	8.2	6.8	7.3	7.3	6.7	7.1	8.2	6.3	7.3	7.2	6.4	6.7
5	6.9	6.4	6.6	7.5	6.5	7.2	7.7	6.3	7.0	7.4	6.4	6.9
6	6.8	6.4	6.6	7.3	6.3	6.8	7.9	6.1	7.1	7.7	6.6	7.1
7	7.2	6.5	6.8	7.6	6.3	6.9	8.3	5.6	6.9	7.3	6.7	7.0
8	7.7	6.5	7.0	7.5	6.3	7.0	8.8	6.7	7.7	7.0	6.0	6.4
9	9.3	6.7	7.9	8.5	6.8	7.5	8.4	6.2	7.2	8.5	6.6	7.4
10	---	---	---	8.0	6.8	7.4	6.3	3.9	4.7	7.2	6.4	6.8
11	---	---	---	7.5	6.7	6.9	4.8	3.6	4.2	7.1	6.1	6.6
12	---	---	---	7.1	6.7	6.9	5.8	4.4	4.9	7.4	6.3	6.8
13	---	---	---	7.4	6.6	6.9	7.7	5.4	6.3	7.9	6.8	7.3
14	---	---	---	7.4	6.7	7.0	8.4	5.5	6.8	7.8	6.7	7.2
15	---	---	---	7.8	6.4	7.2	8.1	5.8	6.9	7.5	6.4	6.8
16	---	---	---	7.7	6.9	7.3	8.8	6.4	7.5	7.5	6.8	7.2
17	---	---	---	7.6	6.5	7.1	9.8	6.7	8.1	6.8	6.0	6.3
18	---	---	---	7.3	6.5	6.9	9.9	6.7	8.4	6.2	6.0	6.1
19	---	---	---	7.9	6.5	7.1	8.3	6.7	7.5	6.0	5.7	5.9
20	---	---	---	10.6	7.2	8.6	8.6	5.9	7.1	5.7	5.0	5.3
21	---	---	---	11.5	8.2	9.9	6.3	5.4	5.9	5.0	4.5	4.8
22	7.9	6.8	7.4	11.1	8.4	9.8	6.7	5.6	6.1	4.5	4.4	4.5
23	7.9	7.3	7.6	10.0	6.9	8.2	7.8	6.2	6.9	4.9	4.5	4.8
24	8.1	7.5	7.7	8.4	7.1	7.8	7.7	6.5	7.0	5.2	4.9	5.1
25	7.9	7.1	7.5	8.1	6.5	7.4	8.7	6.7	7.5	5.0	4.9	4.9
26	7.7	6.8	7.2	8.1	6.6	7.4	7.8	6.6	7.3	5.0	4.9	4.9
27	7.6	6.9	7.3	9.6	7.2	8.3	7.9	5.9	7.0	5.1	4.9	5.0
28	7.9	6.9	7.3	10.0	7.5	8.8	7.7	6.1	6.5	5.1	4.9	5.0
29	7.5	6.9	7.2	9.0	7.3	8.3	6.2	5.9	6.1	5.1	5.0	5.1
30	8.0	7.0	7.3	9.3	6.7	8.0	7.0	6.0	6.5	5.5	5.0	5.2
31	---	---	---	10.5	7.7	9.1	8.2	6.7	7.4	---	---	---
MONTH	9.3	6.0	7.1	11.5	6.3	7.6	9.9	3.6	6.9	8.8	4.4	6.2
YEAR	11.5	3.6	7.6									

02131320 LITTLE FORK CREEK AT JEFFERSON, SC

LOCATION.--Lat 34°38'13'', long 80°24'23'', Chesterfield County, Hydrologic Unit 03040202, on downstream side, at center of span on State Highway 265 bridge, 0.9 mi south of intersection of State Highways 265 and 151, at Jefferson.

DRAINAGE AREA.--15.0 mi^2.

PERIOD OF RECORD.--October 1990 to current year.

GAGE.--Data collection platform. Elevation of gage is 300 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	2.3	4.0	6.0	32	9.3	25	39	1.5	1.4	.14	.37
2	3.1	2.2	4.0	7.1	56	8.9	22	21	1.5	1.3	.17	.42
3	3.5	2.4	4.0	58	34	8.9	16	14	1.6	1.2	.21	.43
4	4.4	2.7	3.9	28	29	9.2	14	9.8	1.4	1.1	.25	.44
5	3.1	2.4	3.8	19	23	8.6	13	8.4	1.3	1.0	.34	.66
6	2.4	2.3	3.9	15	19	8.7	11	10	1.4	1.0	.37	.91
7	2.3	2.2	3.9	13	18	8.5	11	13	1.2	1.0	.34	1.3
8	62	2.2	3.8	11	17	7.9	10	10	1.2	.82	.30	1.6
9	25	3.4	3.9	11	15	10	9.9	7.5	1.2	.74	.31	1.7
10	11	4.4	3.8	10	14	12	9.0	6.5	1.1	.58	.31	2.0
11	7.9	4.4	4.4	9.1	14	10	8.5	6.2	1.1	1.4	.32	1.5
12	6.9	4.2	4.3	8.1	14	8.6	7.6	6.3	1.1	1.2	.39	.48
13	6.2	3.5	5.9	7.8	14	8.3	6.5	5.7	1.0	1.5	.34	.62
14	6.1	2.4	6.3	8.0	13	21	6.2	5.1	1.0	1.5	.38	.73
15	6.8	5.1	7.8	28	12	27	7.7	5.4	1.1	1.0	.50	1.9
16	6.8	5.5	19	21	11	18	8.2	5.0	1.5	.67	.37	2.8
17	6.4	15	8.7	17	13	13	5.9	4.8	2.1	.57	.36	1.1
18	5.8	6.4	6.4	45	14	12	5.3	4.3	1.3	.50	.33	1.1
19	5.4	5.3	6.0	26	16	12	5.2	4.2	1.1	.40	.25	1.4
20	4.9	5.3	5.7	18	18	12	5.2	3.6	1.4	.31	.22	2.4
21	4.7	5.1	5.4	16	15	26	5.0	3.4	1.4	.29	.27	2.6
22	4.6	4.5	5.9	15	12	25	4.9	3.0	1.3	.25	.23	3.7
23	4.5	4.5	5.3	27	11	17	4.6	3.9	1.2	.42	.51	2.5
24	4.4	5.6	9.1	115	10	13	4.4	3.0	1.0	1.2	.75	2.7
25	4.9	5.3	25	47	9.9	12	4.1	2.4	7.7	2.2	1.5	3.2
26	5.4	4.5	17	30	9.9	15	3.5	2.3	5.7	.31	1.5	3.7
27	5.0	5.1	11	24	9.6	14	3.7	2.1	1.8	.21	1.8	7.3
28	4.7	4.3	8.7	22	10	12	6.4	1.9	1.5	.18	1.0	3.9
29	3.1	4.2	7.8	19	---	11	6.1	1.8	1.3	.16	.58	6.9
30	2.7	4.1	7.3	17	---	10	73	1.6	1.4	.15	.49	2.4
31	2.3	---	6.5	16	---	9.7	---	1.6	---	.74	.35	---
TOTAL	231.2	130.8	222.5	714.1	483.4	398.6	322.9	216.8	50.4	25.30	15.18	62.76
MEAN	7.46	4.36	7.18	23.0	17.3	12.9	10.8	6.99	1.68	.82	.49	2.09
MAX	62	15	25	115	56	27	73	39	7.7	2.2	1.8	7.3
MIN	2.3	2.2	3.8	6.0	9.6	7.9	3.5	1.6	1.0	.15	.14	.37
CFSM	.50	.29	.48	1.54	1.15	.86	.72	.47	.11	.05	.03	.14
IN.	.57	.32	.55	1.77	1.20	.99	.80	.54	.12	.06	.04	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1999, BY WATER YEAR (WY)

MEAN	21.3	14.5	16.0	30.0	28.8	33.5	23.3	13.0	8.58	7.70	6.60	5.59
MAX	114	31.7	33.8	67.7	60.2	63.9	41.8	44.8	19.9	21.7	21.4	11.8
(WY)	1991	1993	1995	1998	1998	1998	1998	1991	1991	1991	1991	1994
MIN	2.65	3.44	5.30	13.8	16.7	12.9	8.55	5.53	1.68	.82	.49	1.96
(WY)	1994	1994	1994	1992	1992	1999	1995	1994	1999	1999	1999	1997

02131320 LITTLE FORK CREEK AT JEFFERSON, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1991 - 1999	
ANNUAL TOTAL	8781.8		2873.94			
ANNUAL MEAN	24.1		7.87		17.4	
HIGHEST ANNUAL MEAN					33.6	1991
LOWEST ANNUAL MEAN					7.87	1999
HIGHEST DAILY MEAN	371	Mar 19	115	Jan 24	1400	Oct 11 1990
LOWEST DAILY MEAN	1.2	Sep 28	.14	Aug 1	.14	Aug 1 1999
ANNUAL SEVEN-DAY MINIMUM	1.6	Sep 23	.25	Jul 27	.25	Jul 27 1999
INSTANTANEOUS PEAK FLOW			183	Oct 8	* 2440	Oct 11 1990
INSTANTANEOUS PEAK STAGE			4.00	Oct 8	12.83	Oct 11 1990
ANNUAL RUNOFF (CFSM)	1.60		.52		1.16	
ANNUAL RUNOFF (INCHES)	21.78		7.13		15.73	
10 PERCENT EXCEEDS	51		18		35	
50 PERCENT EXCEEDS	6.8		4.7		11	
90 PERCENT EXCEEDS	2.7		.46		1.8	

* From rating curve extended above 1,200 ft^3/s.

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58'', long 80°34'59'', Lancaster County, Hydrologic Unit 03040202, on right side, on downstream side of bridge on State Road 184, 2.1 mi south of Kershaw, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--23.9 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Elevation of gage is 345 ft above sea level (from topographic map).

REVISED RECORDS.--WRD SC-96-1: 1981-96(M).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	8.1	9.8	14	53	19	32	87	6.2	5.7	1.1	.43
2	9.8	8.3	9.6	16	90	17	27	49	5.8	4.9	1.2	.42
3	8.0	8.6	9.7	103	55	17	22	36	5.2	4.3	1.2	.46
4	8.0	9.5	9.6	47	45	17	20	29	4.8	3.6	.92	.45
5	8.8	9.4	9.5	34	39	16	19	25	4.3	3.0	.86	.49
6	7.9	8.9	9.5	27	35	16	17	32	3.9	2.6	.86	.85
7	7.1	8.4	9.2	25	33	16	18	35	3.6	2.6	.79	.66
8	170	8.4	9.1	23	30	15	17	25	3.3	2.5	.73	.59
9	51	8.9	8.9	22	28	19	16	20	3.0	2.5	.73	.59
10	30	9.7	8.6	20	29	21	15	17	2.7	2.1	.84	.68
11	21	9.6	8.5	20	25	17	14	16	5.3	3.4	.77	.45
12	17	8.8	8.3	17	26	16	13	17	3.3	17	.76	.43
13	15	8.5	15	18	25	15	13	13	2.8	8.8	1.2	.38
14	13	8.6	15	17	23	38	14	13	2.8	10	1.3	.40
15	12	25	16	56	22	42	15	13	2.7	7.4	1.1	1.1
16	11	19	48	37	22	28	25	12	5.1	5.2	.82	2.1
17	10	94	28	33	22	23	14	11	8.3	3.8	.76	.58
18	9.6	32	19	79	26	21	12	11	6.1	3.1	.62	.54
19	9.6	21	15	46	28	21	11	12	4.0	2.5	.51	.47
20	9.6	17	14	36	30	18	11	9.4	3.7	2.0	.54	.48
21	9.5	15	13	31	25	30	10	8.7	4.5	1.8	.58	17
22	9.2	13	15	29	22	38	9.6	8.9	4.4	2.4	.52	32
23	8.5	12	13	36	20	26	9.0	9.9	6.2	2.1	.48	8.0
24	8.3	11	21	140	20	23	8.8	9.0	3.9	12	1.0	3.4
25	12	11	46	77	20	22	8.7	9.1	10	19	1.9	1.9
26	10	11	33	52	19	26	8.5	8.6	32	6.5	.64	1.5
27	9.8	10	24	42	19	23	9.1	8.3	13	3.3	.54	22
28	8.4	9.8	21	37	19	21	19	7.3	9.7	2.0	.48	45
29	7.6	9.9	19	34	---	19	21	6.3	7.9	1.6	.44	64
30	7.5	9.8	17	31	---	18	172	5.7	6.4	1.4	.38	32
31	8.0	---	15	28	---	18	---	5.7	---	1.3	.46	---
TOTAL	547.2	444.2	517.3	1227	850	676	620.7	569.9	184.9	150.4	25.03	239.35
MEAN	17.7	14.8	16.7	39.6	30.4	21.8	20.7	18.4	6.16	4.85	.81	7.98
MAX	170	94	48	140	90	42	172	87	32	19	1.9	64
MIN	7.1	8.1	8.3	14	19	15	8.5	5.7	2.7	1.3	.38	.38
CFSM	.74	.62	.70	1.66	1.27	.91	.87	.77	.26	.20	.03	.33
IN.	.85	.69	.81	1.91	1.32	1.05	.97	.89	.29	.23	.04	.37

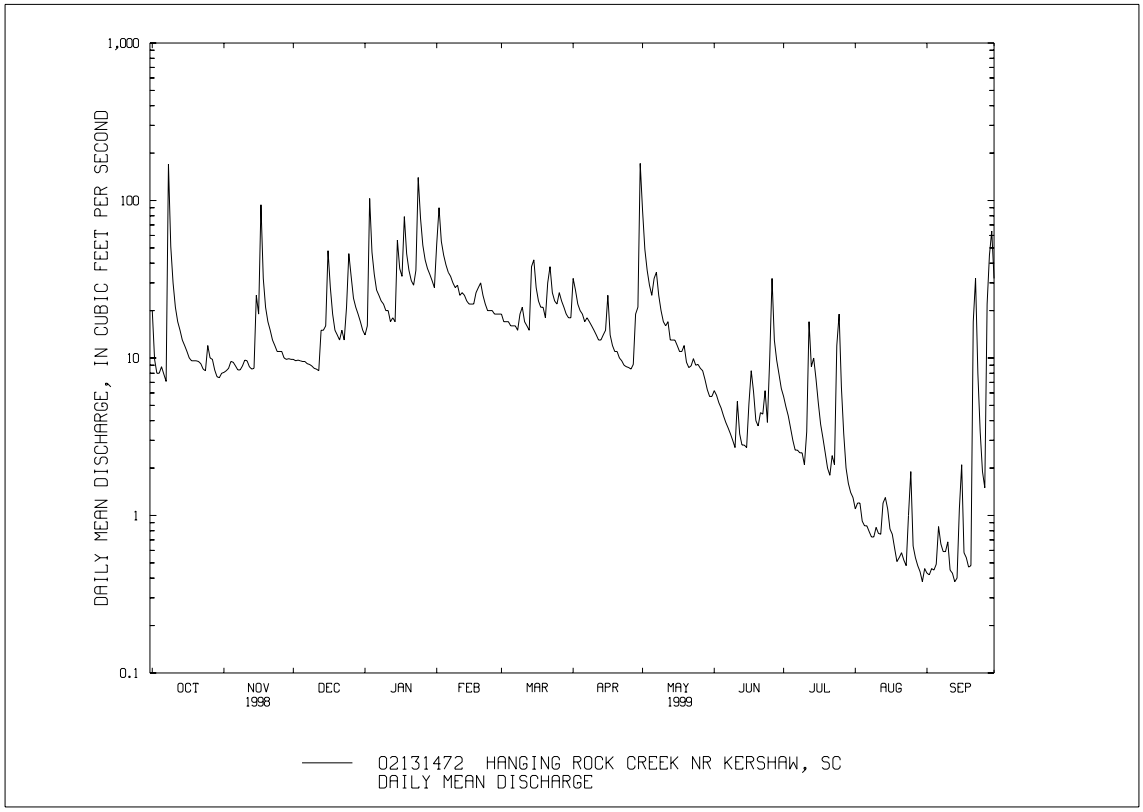
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

MEAN	20.2	21.1	28.8	43.2	47.6	51.3	35.3	20.7	12.4	11.8	16.6	12.4
MAX	114	63.4	86.3	108	107	114	77.0	67.4	29.2	39.6	77.6	44.9
(WY)	1991	1993	1995	1993	1995	1998	1998	1991	1994	1989	1991	1989
MIN	1.70	2.84	6.22	8.75	18.1	13.2	8.30	5.09	.99	.27	.81	1.94
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1999	1981

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1981 - 1999	
ANNUAL TOTAL	15787.3		6051.98			
ANNUAL MEAN	43.3		16.6		26.7	
HIGHEST ANNUAL MEAN					46.6	1991
LOWEST ANNUAL MEAN					10.2	1981
HIGHEST DAILY MEAN	698	Mar 19	172	Apr 30	1080	Oct 11 1990
LOWEST DAILY MEAN	3.0	Aug 30	.38 ***	Aug 30	.13 *	Jul 10 1986
ANNUAL SEVEN-DAY MINIMUM	3.1	Aug 27	.43	Aug 29	.19	Jul 29 1986
INSTANTANEOUS PEAK FLOW			520	Oct 8	** 3760	Oct 10 1990
INSTANTANEOUS PEAK STAGE			7.09	Oct 8	10.69	Oct 10 1990
ANNUAL RUNOFF (CFSM)	1.81		.69		1.12	
ANNUAL RUNOFF (INCHES)	24.57		9.42		15.18	
10 PERCENT EXCEEDS	87		33		52	
50 PERCENT EXCEEDS	17		11		15	
90 PERCENT EXCEEDS	5.1		.83		2.8	

* Also occurred Jul. 20, 21, 1986.
** From rating curve extended above 1,500 ft^3/s.
*** Also occurred Sep. 13



02132000 LYNCHES RIVER AT EFFINGHAM, SC

LOCATION.--Lat 34°03'05'', long 79°45'15'', Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1.0 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 mi^2, approximately.

PERIOD OF RECORD.--October 1929 to current. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 58.49 ft above sea level. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	371	371	466	1050	e2710	857	998	2510	290	529	211	201
2	393	366	454	865	e3090	826	1200	3190	282	511	192	191
3	417	362	447	837	2990	794	1090	3510	273	414	184	177
4	444	361	443	894	2640	778	932	3420	268	366	187	165
5	498	361	439	936	2270	771	887	3030	261	335	188	158
6	504	362	435	e995	2030	762	936	2670	252	303	188	154
7	445	370	431	e1080	1970	741	991	2640	246	278	185	155
8	430	385	428	e1190	1980	715	925	2950	240	261	173	154
9	512	390	424	1290	2050	698	816	2990	231	250	163	156
10	548	385	423	1390	2180	699	756	2550	225	247	160	169
11	497	384	422	1480	2130	696	703	1950	219	235	162	173
12	557	386	420	1430	1810	685	660	1500	211	225	153	164
13	664	393	423	1100	1430	689	618	1190	201	214	149	159
14	769	400	423	864	1150	737	586	938	194	209	149	159
15	877	409	431	875	1010	812	558	791	194	217	153	177
16	981	408	567	918	955	834	535	723	206	237	148	276
17	1080	407	689	888	919	829	513	673	226	265	144	252
18	971	431	758	948	899	880	504	671	239	292	150	246
19	622	490	819	1230	897	989	532	697	284	304	176	303
20	495	551	889	1470	906	1130	583	625	316	284	185	339
21	452	635	970	1500	903	1370	577	530	341	256	178	323
22	428	723	1040	1460	917	1610	523	473	364	238	164	305
23	416	775	967	1440	937	1320	483	436	345	227	158	302
24	407	757	761	e2060	989	1060	458	415	312	217	152	293
25	401	637	670	e2930	1030	1020	440	395	294	203	151	317
26	393	544	678	3130	998	1250	423	377	283	196	161	365
27	386	501	737	2930	910	1440	411	360	279	198	168	367
28	379	483	785	2610	853	1420	473	342	292	211	174	348
29	377	478	870	2410	---	1240	560	320	357	274	199	410
30	377	475	978	2300	---	1080	1260	307	455	281	209	489
31	374	---	1070	2360	---	1010	---	297	---	245	206	---
TOTAL	16465	13980	19757	46860	43553	29742	20931	43470	8180	8522	5320	7447
MEAN	531	466	637	1512	1555	959	698	1402	273	275	172	248
MAX	1080	775	1070	3130	3090	1610	1260	3510	455	529	211	489
MIN	371	361	420	837	853	685	411	297	194	196	144	154
CFSM	.52	.45	.62	1.47	1.51	.93	.68	1.36	.26	.27	.17	.24
IN.	.59	.50	.71	1.69	1.57	1.07	.76	1.57	.30	.31	.19	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

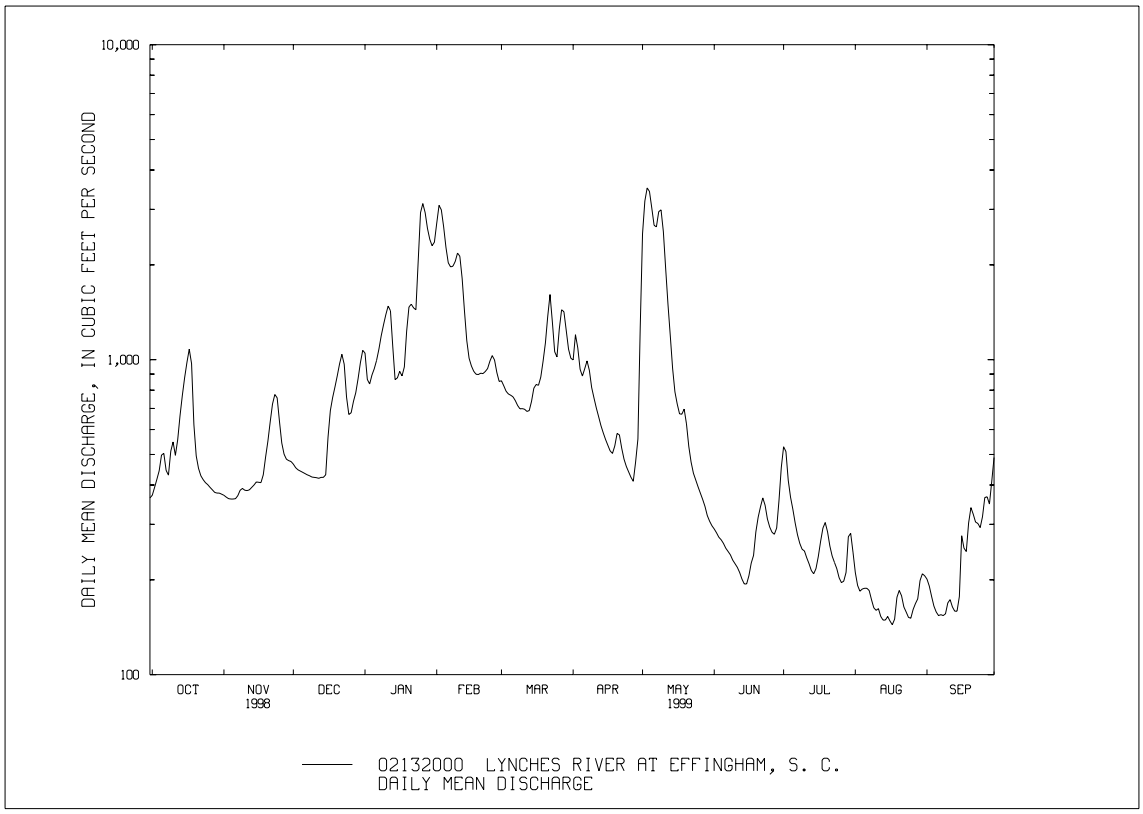
MEAN	699	701	1057	1553	1786	1962	1531	809	596	646	696	677
MAX	3932	2347	3808	4464	5246	4874	4930	2180	1934	2331	2181	6326
(WY)	1965	1948	1995	1993	1998	1983	1936	1991	1973	1975	1971	1945
MIN	163	207	276	350	495	500	453	241	194	125	158	116
(WY)	1952	1932	1934	1934	1934	1938	1985	1981	1986	1986	1954	1954

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	636965		264227			
ANNUAL MEAN	1745		724		1056	
HIGHEST ANNUAL MEAN					1856	1998
LOWEST ANNUAL MEAN					451	1934
HIGHEST DAILY MEAN	8500	Mar 25	3510	May 3	24500	Sep 22 1945
LOWEST DAILY MEAN	276	Jul 15	144	Aug 17	95	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	291	Jul 12	149	Aug 12	97	Oct 7 1954
INSTANTANEOUS PEAK FLOW			3530	* May 3	25000	Sep 22 1945
INSTANTANEOUS PEAK STAGE			12.18	* May 3	21.21	Sep 22 1945
INSTANTANEOUS LOW FLOW			143	Aug 17	94	Oct 10 1954
ANNUAL RUNOFF (CFSM)	1.69		.70		1.03	
ANNUAL RUNOFF (INCHES)	23.00		9.54		13.93	
10 PERCENT EXCEEDS	4950		1460		2270	
50 PERCENT EXCEEDS	700		473		698	
90 PERCENT EXCEEDS	363		186		263	

* Also occurred May 4.

e Estimated



02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

LOCATION.--Lat 34°03'25'', long 79°14'50'', Horry-Marion County Line, Hydrologic Unit 03040204, near left bank, on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mi downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 mi^2, approximately.

PERIOD OF RECORD.--January 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Datum of gage is 23.95 ft above sea level. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.0 ft, in September 1928, from floodmark set by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	777	479	763	2160	8570	2770	3280	2580	1540	928	1080	646
2	699	467	742	2160	8160	2710	3380	3920	1360	845	1060	621
3	637	459	719	2390	7780	2640	3410	5460	1170	779	979	614
4	613	451	698	2490	7600	2580	3440	6860	963	728	844	606
5	606	442	681	2820	7330	2500	3410	7350	789	695	679	592
6	581	439	665	3220	7070	2440	3300	7060	663	787	563	589
7	562	435	653	3430	6910	2370	3170	6780	586	834	492	539
8	555	432	640	3580	6740	2290	3020	6560	534	788	445	525
9	563	433	624	3740	6490	2240	2880	6360	494	818	409	570
10	574	434	608	3820	6190	2190	2730	6050	462	845	378	605
11	586	435	596	3790	5850	2120	2590	5640	438	921	358	611
12	608	438	583	3700	5490	2080	2420	5240	419	954	346	602
13	642	443	601	3540	5130	2030	2250	4960	405	862	337	587
14	677	453	617	3400	4790	2040	2100	5100	396	754	330	586
15	709	490	653	3380	4500	2080	1990	5590	435	652	343	814
16	727	506	1020	3300	4220	2090	1870	6070	564	605	363	2230
17	723	519	1270	3310	3970	2110	1770	6450	599	632	368	4350
18	703	528	1500	3480	3800	2120	1690	6390	567	682	356	11200
19	673	540	1700	3620	3620	2120	1610	6080	572	713	359	15600
20	649	568	1810	3810	3470	2110	1510	5690	630	706	347	18000
21	643	591	1870	4000	3370	2180	1410	5160	756	685	341	19500
22	656	607	1920	4140	3270	2310	1310	4620	967	671	351	20500
23	676	629	1930	4260	3170	2340	1240	4100	1170	644	374	20500
24	693	655	1940	4980	3050	2400	1180	3570	1230	621	408	20200
25	693	673	1950	5600	2950	2470	1160	3090	1240	638	442	19300
26	665	686	1980	7010	2870	2650	1150	2690	1220	695	487	18100
27	622	707	2000	8780	2820	2730	1140	2370	1180	786	574	17300
28	578	731	2060	9470	2790	2860	1270	2120	1120	820	678	16500
29	543	756	2120	9830	---	3000	1460	1940	1070	846	706	15900
30	514	771	2160	9840	---	3110	1840	1810	1010	904	708	15300
31	493	---	2170	9290	---	3170	---	1680	---	994	675	---
TOTAL	19640	16197	39243	142340	141970	74850	64980	149340	24549	23832	16180	243587
MEAN	634	540	1266	4592	5070	2415	2166	4817	818	769	522	8120
MAX	777	771	2170	9840	8570	3170	3440	7350	1540	994	1080	20500
MIN	493	432	583	2160	2790	2030	1140	1680	396	605	330	525
CFSM	.23	.19	.45	1.65	1.82	.87	.78	1.73	.29	.28	.19	2.91
IN.	.26	.22	.52	1.90	1.89	1.00	.87	1.99	.33	.32	.22	3.25

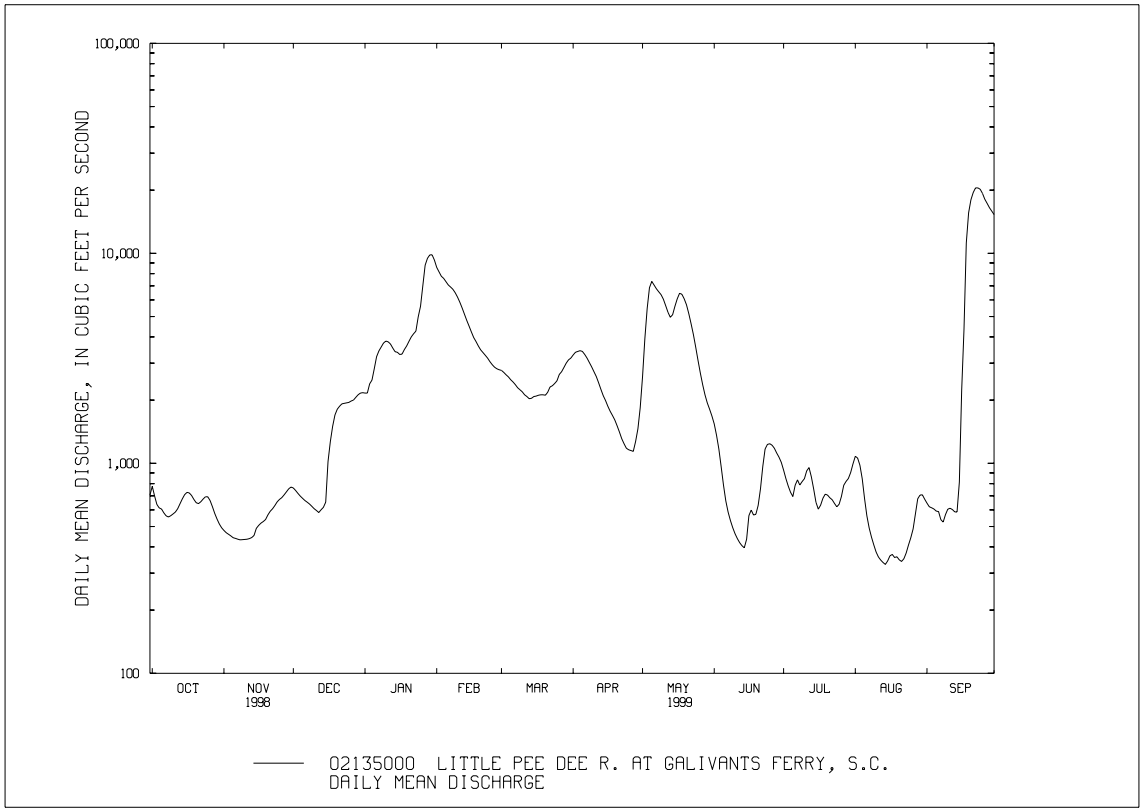
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1999, BY WATER YEAR (WY)

MEAN	1930	1816	2852	4380	5416	5857	4498	2306	1773	1869	2350	2479
MAX	14020	9623	10680	11760	15610	14710	12450	7308	7167	6650	11460	12410
(WY)	1965	1948	1949	1993	1973	1983	1973	1978	1966	1961	1974	1945
MIN	344	499	821	1082	1361	1607	962	557	432	238	281	212
(WY)	1952	1974	1952	1952	1989	1981	1981	1981	1990	1990	1954	1954

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1942 - 1999	
ANNUAL TOTAL	1562695		956708			
ANNUAL MEAN	4281		2621		3127	
HIGHEST ANNUAL MEAN					5947	1965
LOWEST ANNUAL MEAN					1371	1951
HIGHEST DAILY MEAN	21800	Feb 8	20500	* Sep 22	27500	Oct 9 1964
LOWEST DAILY MEAN	397	Jul 19	330	Aug 14	158	Oct 12 1954
ANNUAL SEVEN-DAY MINIMUM	411	Jul 18	349	Aug 12	164	Oct 8 1954
INSTANTANEOUS PEAK FLOW			20600	* Sep 22	27600	Oct 9 1964
INSTANTANEOUS PEAK STAGE			12.11	* Sep 22	13.01	Oct 9 1964
INSTANTANEOUS LOW FLOW			322	Aug 14	155	Oct 12 1954
ANNUAL RUNOFF (CFSM)	1.53		.94		1.12	
ANNUAL RUNOFF (INCHES)	20.84		12.76		15.23	
10 PERCENT EXCEEDS	12400		6260		7030	
50 PERCENT EXCEEDS	2010		1180		2110	
90 PERCENT EXCEEDS	496		465		622	

* Also occurred Sep. 23.



02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Horry County, Hydrologic Unit 03040201, on north bank of the Pee Dee River at Highway 701, 12.5 mi southwest of Myrtle Beach, 13.0 mi south of Conway, and 3.0 mi south of the mouth of Little Pee Dee River.

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to September 1994 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 310 microsiemens, Oct. 10, 23, 1986; minimum, 40 microsiemens, Mar. 10, 15, 17, 22, 1987.

pH: Maximum, 7.8 units, May 23, 1988; minimum, 5.0 units, Jul. 30, Aug. 9, 28, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 2, 1999; minimum, 0.5°C, Dec. 24 - 28, 1989.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Dec. 25, 26, 29, 30, 1989; minimum, 1.1 mg/L, Oct. 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 2; minimum, 5.5°C, Jan. 6-9.

DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Jan. 7, Feb. 26; minimum, 2.9 mg/L, Aug. 14.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.5	25.5	26.0	19.0	18.5	18.5	15.0	14.0	14.5	7.5	7.0	7.5
2	26.0	25.5	25.5	19.5	18.5	19.0	15.0	14.5	15.0	7.5	7.0	7.0
3	25.5	25.0	25.5	19.5	19.0	19.0	15.5	14.5	15.0	8.5	7.5	8.0
4	25.0	24.5	25.0	19.0	18.5	19.0	16.0	15.0	15.0	8.5	7.5	8.0
5	25.5	24.0	24.5	18.5	17.5	18.0	16.0	15.0	15.5	7.5	6.5	7.0
6	25.0	24.0	24.5	17.5	16.5	17.0	16.0	15.5	15.5	6.5	5.5	6.0
7	24.5	24.0	24.5	16.5	15.0	16.0	17.0	15.5	16.0	6.0	5.5	6.0
8	25.0	24.0	24.5	15.5	14.5	15.5	17.0	16.0	16.5	6.0	5.5	5.5
9	25.0	24.5	24.5	15.0	14.5	15.0	17.0	16.5	16.5	6.5	5.5	6.0
10	24.5	24.0	24.0	15.5	14.5	15.0	16.5	16.0	16.5	6.5	6.0	6.0
11	24.0	23.5	23.5	16.5	15.5	16.0	16.0	16.0	16.0	---	---	---
12	23.5	22.5	23.0	17.0	16.0	16.5	16.0	15.0	15.0	---	---	---
13	23.0	22.0	22.5	16.5	16.0	16.0	15.0	14.0	14.5	---	---	---
14	22.5	22.0	22.5	16.0	15.5	16.0	14.0	13.5	13.5	---	---	---
15	22.5	22.0	22.0	15.5	15.5	15.5	13.5	12.0	12.5	---	---	---
16	22.0	21.5	22.0	15.5	15.0	15.0	12.0	11.5	11.5	---	---	---
17	21.5	21.0	21.5	16.0	15.0	15.5	11.5	10.0	11.0	---	---	---
18	22.0	21.0	21.0	16.0	15.5	15.5	10.0	9.5	10.0	---	---	---
19	21.5	20.5	21.0	16.0	15.5	16.0	9.5	9.5	9.5	---	---	---
20	21.5	21.0	21.0	16.5	15.5	16.0	10.5	9.5	10.0	---	---	---
21	21.5	21.0	21.0	15.5	15.0	15.5	10.5	10.0	10.5	---	---	---
22	21.0	20.0	20.5	15.5	14.5	15.0	12.0	10.5	11.0	---	---	---
23	20.0	18.5	19.0	15.5	14.5	15.0	12.5	11.5	12.0	---	---	---
24	18.5	17.5	18.0	15.5	15.0	15.0	11.5	11.0	11.5	---	---	---
25	18.0	17.5	17.5	15.5	15.0	15.0	11.0	9.5	10.0	---	---	---
26	18.0	17.0	17.5	16.0	15.0	15.5	10.0	8.5	9.0	---	---	---
27	18.0	17.0	17.5	15.5	15.0	15.5	9.0	7.5	8.0	---	---	---
28	18.0	17.0	17.5	15.0	14.0	14.5	8.5	8.0	8.5	---	---	---
29	18.5	17.5	18.0	14.5	14.0	14.0	9.0	8.5	8.5	---	---	---
30	18.5	17.5	18.0	14.5	14.0	14.5	8.5	8.0	8.5	---	---	---
31	19.0	18.0	18.5	---	---	---	8.0	7.5	7.5	---	---	---
MONTH	26.5	17.0	21.7	19.5	14.0	16.0	17.0	7.5	12.4	8.5	5.5	6.7

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	11.0	10.0	10.5	15.5	15.0	15.5	17.0	14.0	15.5
2	---	---	---	11.0	10.5	10.5	17.0	15.5	16.0	14.0	14.0	14.0
3	---	---	---	11.5	11.0	11.5	18.0	16.5	17.0	15.0	14.0	14.5
4	---	---	---	11.5	10.5	11.0	19.0	17.5	18.5	15.5	15.0	15.0
5	---	---	---	11.0	10.5	11.0	19.5	18.5	19.0	16.0	15.5	15.5
6	---	---	---	11.5	11.0	11.0	19.5	18.5	19.0	17.0	16.0	16.5
7	---	---	---	12.0	11.0	11.5	20.0	19.0	19.5	18.0	17.0	17.5
8	---	---	---	11.5	11.0	11.0	20.5	19.5	20.0	19.0	18.0	18.5
9	---	---	---	11.0	10.0	10.5	21.0	20.5	20.5	19.5	19.0	19.5
10	---	---	---	10.0	9.5	10.0	21.5	20.5	21.0	20.5	19.5	20.0
11	---	---	---	10.0	9.5	10.0	22.0	21.0	21.5	21.0	20.5	20.5
12	15.0	14.0	14.5	10.5	10.0	10.0	22.5	22.0	22.0	21.0	20.5	20.5
13	15.0	13.5	14.0	10.0	10.0	10.0	22.5	21.0	21.5	21.5	20.5	21.0
14	13.5	12.0	12.5	10.5	10.0	10.0	21.0	19.5	20.5	22.0	21.5	22.0
15	12.0	11.5	11.5	10.5	10.5	10.5	20.0	19.0	19.5	22.0	21.0	21.5
16	11.5	10.5	11.0	10.5	10.0	10.5	19.5	19.0	19.5	21.5	20.5	21.0
17	11.5	11.0	11.0	11.5	10.5	11.0	19.5	18.5	19.0	21.0	20.5	21.0
18	12.5	11.5	12.0	12.5	11.0	12.0	18.5	18.0	18.5	21.5	21.0	21.0
19	12.5	12.0	12.5	13.0	11.5	12.5	18.5	18.0	18.0	21.5	21.0	21.5
20	12.0	12.0	12.0	13.5	12.0	13.0	19.0	18.0	18.5	22.0	21.0	21.5
21	12.0	11.0	11.5	14.0	13.0	13.5	20.0	18.5	19.0	22.5	21.5	22.0
22	11.0	10.0	10.5	14.5	13.5	14.5	21.5	19.5	20.5	23.0	22.0	22.5
23	10.0	8.5	9.5	15.0	14.0	14.5	22.0	20.5	21.5	23.5	22.5	23.0
24	8.5	8.0	8.5	16.0	15.0	15.5	22.0	21.5	22.0	24.0	23.0	23.5
25	8.5	8.0	8.5	16.0	15.5	16.0	22.0	21.0	21.5	24.0	23.5	24.0
26	9.0	8.5	8.5	15.5	14.0	15.0	21.5	21.0	21.5	24.5	23.5	24.0
27	9.0	8.5	9.0	14.5	14.0	14.0	21.5	21.0	21.5	25.0	24.0	24.5
28	10.5	9.0	9.5	14.5	13.5	14.0	21.5	20.5	21.0	25.0	24.0	24.5
29	---	---	---	14.5	14.0	14.0	20.5	19.0	20.0	25.0	24.0	24.5
30	---	---	---	14.5	14.0	14.5	19.0	17.0	18.0	25.0	24.0	24.5
31	---	---	---	15.0	14.5	14.5	---	---	---	25.0	24.5	24.5
MONTH	15.0	8.0	11.0	16.0	9.5	12.2	22.5	15.0	19.7	25.0	14.0	20.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.0	24.5	25.0	27.0	26.0	26.5	33.0	32.0	32.5	26.5	26.0	26.5
2	25.5	24.5	25.0	27.5	26.5	27.0	33.5	32.0	32.5	26.5	25.5	26.0
3	25.5	24.5	25.0	28.5	27.0	27.5	32.5	32.0	32.0	26.0	25.5	26.0
4	26.5	25.0	25.5	29.0	27.5	28.0	32.0	31.0	31.5	26.0	25.5	26.0
5	27.0	25.5	26.5	29.0	28.0	28.5	31.0	30.5	31.0	26.5	25.5	26.0
6	27.5	26.5	27.0	29.0	28.5	28.5	31.0	30.5	31.0	27.0	26.0	26.5
7	28.0	27.0	27.5	29.5	28.5	29.0	31.0	30.5	31.0	27.5	26.5	27.0
8	28.0	27.0	27.5	29.5	28.5	29.0	31.5	30.5	31.0	27.5	27.0	27.0
9	28.5	27.0	28.0	29.5	28.5	29.0	31.0	30.5	31.0	27.0	26.5	27.0
10	29.0	28.0	28.5	30.5	29.5	30.0	31.0	30.5	30.5	27.5	27.0	27.0
11	29.0	28.5	28.5	30.5	30.0	30.0	31.0	30.5	30.5	28.0	27.0	27.5
12	29.0	28.0	28.5	30.0	29.0	29.5	31.0	30.5	31.0	27.5	26.5	27.0
13	29.0	28.0	28.5	29.0	28.0	28.5	31.5	30.5	31.0	---	---	---
14	28.5	28.0	28.0	28.0	27.0	27.5	31.5	30.5	31.0	---	---	---
15	28.5	28.0	28.0	27.5	26.5	27.0	31.5	30.5	31.0	---	---	---
16	28.0	27.5	28.0	27.5	26.5	27.0	31.5	31.0	31.0	---	---	---
17	27.5	27.0	27.0	28.0	26.5	27.0	31.5	31.0	31.0	---	---	---
18	27.0	26.0	26.5	27.5	27.0	27.5	31.5	30.5	31.0	---	---	---
19	26.0	24.5	25.5	28.5	27.0	28.0	31.0	30.5	31.0	---	---	---
20	25.0	24.0	24.5	30.0	28.5	29.0	31.0	30.5	30.5	---	---	---
21	24.5	23.5	24.0	30.0	29.0	29.5	31.5	30.5	31.0	---	---	---
22	24.0	23.5	23.5	31.0	29.5	30.0	31.0	31.0	31.0	22.0	21.0	21.5
23	24.0	23.0	23.5	31.5	30.5	31.0	31.0	30.5	30.5	21.0	20.5	21.0
24	24.5	23.5	24.0	32.0	31.0	31.5	30.5	30.0	30.5	20.5	20.0	20.5
25	25.5	24.5	25.0	31.5	31.0	31.5	30.5	30.0	30.0	20.5	20.0	20.5
26	25.5	25.0	25.5	31.5	30.5	31.0	---	---	---	21.0	20.5	21.0
27	26.5	25.5	26.0	31.5	31.0	31.5	---	---	---	21.5	21.0	21.0
28	26.5	26.0	26.0	32.0	31.0	31.5	---	---	---	21.5	21.0	21.5
29	26.5	26.0	26.5	32.5	31.5	32.0	---	---	---	22.0	21.5	21.5
30	26.5	26.0	26.5	32.5	31.5	32.0	---	---	---	22.0	22.0	22.0
31	---	---	---	32.5	31.5	32.0	27.5	26.5	27.0	---	---	---
MONTH	29.0	23.0	26.3	32.5	26.0	29.3	33.5	26.5	30.9	28.0	20.0	24.3
YEAR	33.5	5.5	20.1									

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.0	4.6	4.9	6.5	6.3	6.4	8.5	8.3	8.4	9.5	9.1	9.4
2	5.4	4.6	5.1	6.6	6.3	6.4	8.5	8.2	8.4	10.1	9.5	9.6
3	5.7	4.9	5.4	6.9	6.4	6.6	8.3	8.0	8.2	9.9	9.6	9.8
4	6.1	5.2	5.7	6.6	6.3	6.5	8.4	8.0	8.2	9.9	9.4	9.5
5	6.1	5.4	5.7	6.6	6.4	6.5	8.1	7.8	7.9	10.3	9.4	9.6
6	5.8	5.2	5.5	6.7	6.4	6.6	7.9	7.7	7.8	10.4	9.8	10.1
7	5.7	5.3	5.4	---	---	---	8.2	7.8	7.9	10.7	10.3	10.4
8	5.5	5.1	5.4	---	---	---	8.0	7.7	7.9	10.6	10.3	10.5
9	5.8	5.2	5.5	---	---	---	7.9	7.5	7.7	10.5	10.2	10.4
10	6.1	5.5	5.8	---	---	---	7.6	7.3	7.5	10.6	9.8	10.1
11	6.3	5.8	6.0	---	---	---	7.4	7.2	7.3	10.0	9.2	9.8
12	6.2	5.9	6.1	---	---	---	7.4	7.2	7.3	9.6	9.0	9.3
13	6.3	5.8	6.1	---	---	---	7.9	7.4	7.6	9.7	9.1	9.4
14	6.2	5.7	6.0	---	---	---	8.3	7.9	8.1	10.5	9.0	9.9
15	6.3	5.7	6.1	---	---	---	8.6	8.2	8.4	10.5	9.7	10.1
16	6.5	6.0	6.3	---	---	---	9.0	8.6	8.7	10.2	9.7	10.0
17	6.7	6.2	6.5	---	---	---	9.1	8.8	9.0	10.2	9.6	9.9
18	6.8	6.5	6.6	---	---	---	9.3	9.0	9.1	10.0	9.6	9.8
19	6.6	6.4	6.5	---	---	---	9.6	9.0	9.2	9.9	9.1	9.6
20	6.6	6.2	6.4	---	---	---	9.5	9.3	9.4	9.4	8.8	9.2
21	6.4	6.0	6.2	---	---	---	9.5	9.1	9.3	9.6	9.0	9.3
22	6.4	5.9	6.1	---	---	---	9.3	8.4	9.0	9.6	9.2	9.4
23	6.6	5.9	6.3	---	---	---	8.6	8.1	8.3	9.4	9.2	9.3
24	7.0	6.6	6.8	---	---	---	8.6	8.0	8.2	9.4	8.9	9.2
25	7.2	6.8	7.0	8.0	7.8	7.9	9.1	8.3	8.7	9.0	8.5	8.7
26	7.3	7.0	7.1	7.9	7.5	7.7	9.6	9.1	9.4	8.5	8.2	8.3
27	7.2	7.0	7.1	7.8	7.6	7.7	10.0	9.6	9.8	8.4	8.2	8.3
28	7.1	6.9	7.0	8.3	7.8	8.0	9.9	9.8	9.9	8.3	7.7	8.0
29	6.9	6.6	6.8	8.5	8.2	8.4	9.8	9.7	9.7	7.9	7.5	7.7
30	6.6	6.4	6.5	8.4	8.2	8.3	9.8	9.4	9.6	7.5	7.3	7.5
31	6.5	6.3	6.4	---	---	---	9.8	9.3	9.4	7.7	7.4	7.5
MONTH	7.3	4.6	6.1	8.5	6.3	7.2	10.0	7.2	8.6	10.7	7.3	9.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	7.4	7.7	9.6	9.0	9.3	8.0	7.6	7.8	7.8	7.2	7.6
2	8.3	7.8	7.9	9.4	8.7	9.0	7.9	7.5	7.6	7.9	7.7	7.8
3	8.6	8.3	8.4	8.9	8.2	8.5	7.7	7.3	7.5	7.8	7.5	7.7
4	8.4	8.2	8.3	8.4	8.1	8.2	7.5	7.1	7.3	7.5	7.1	7.3
5	8.3	8.2	8.3	8.5	8.3	8.4	7.2	6.9	7.0	7.1	6.5	6.8
6	8.4	8.1	8.3	8.6	8.4	8.5	7.0	6.5	6.8	6.5	6.1	6.3
7	8.3	8.1	8.2	8.5	8.4	8.5	6.5	6.1	6.3	6.1	5.7	5.9
8	8.2	8.0	8.1	8.6	8.4	8.5	6.2	5.9	6.1	5.7	5.4	5.5
9	8.1	7.9	8.0	8.7	8.5	8.6	6.2	5.9	6.1	5.4	5.2	5.3
10	8.1	7.8	7.9	8.8	8.6	8.7	6.5	5.9	6.1	5.2	5.0	5.1
11	7.8	7.3	7.6	8.8	8.7	8.8	6.5	5.8	6.1	5.1	4.9	5.0
12	7.3	6.8	7.1	9.2	8.8	8.9	6.0	5.4	5.6	4.9	4.7	4.8
13	7.2	6.8	6.9	9.3	9.1	9.2	5.8	5.5	5.6	4.8	4.6	4.7
14	7.8	7.2	7.5	9.3	9.1	9.2	6.0	5.6	5.8	4.7	4.6	4.7
15	8.3	7.7	8.0	9.2	8.8	9.0	6.3	5.9	6.2	5.0	4.7	4.9
16	8.5	8.2	8.3	9.0	8.7	8.9	6.7	6.3	6.5	5.0	5.0	5.0
17	8.4	8.1	8.3	9.1	8.8	8.9	6.9	6.4	6.6	5.3	5.0	5.2
18	8.2	7.8	8.0	9.2	8.8	9.0	7.1	6.6	6.9	5.3	5.3	5.3
19	7.9	7.8	7.9	9.2	8.8	9.0	7.5	6.9	7.1	5.4	5.3	5.4
20	8.1	7.9	8.0	9.2	8.6	8.9	7.3	6.9	7.0	5.5	5.4	5.4
21	8.5	8.1	8.2	9.1	8.5	8.8	6.9	6.6	6.7	5.6	5.4	5.4
22	9.2	8.5	8.9	8.6	8.0	8.3	6.6	6.1	6.3	5.6	5.5	5.5
23	9.9	9.1	9.5	8.2	7.6	7.9	6.6	6.0	6.2	5.6	5.4	5.5
24	10.3	9.9	10.1	8.1	7.8	7.9	6.7	6.1	6.3	5.6	5.3	5.4
25	10.6	10.3	10.4	8.2	7.8	8.0	6.7	5.9	6.4	5.5	5.1	5.3
26	10.7	10.3	10.5	8.4	8.0	8.2	6.7	5.8	6.2	5.4	5.1	5.2
27	10.6	10.1	10.4	8.2	7.8	7.9	6.5	5.8	6.2	5.4	5.1	5.3
28	10.4	9.5	9.9	7.9	7.8	7.9	6.5	6.1	6.3	5.6	5.2	5.4
29	---	---	---	8.0	7.9	7.9	6.4	5.9	6.1	5.7	5.4	5.6
30	---	---	---	8.0	7.9	8.0	7.2	5.9	6.5	6.1	5.6	5.8
31	---	---	---	7.9	7.7	7.8	---	---	---	6.3	5.7	5.8
MONTH	10.7	6.8	8.4	9.6	7.6	8.5	8.0	5.4	6.5	7.9	4.6	5.7

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.4	5.6	5.9	5.3	4.8	5.0	7.1	5.8	6.2	5.8	5.4	5.5
2	6.0	5.6	5.7	5.5	4.8	5.2	7.7	5.9	7.0	6.6	5.3	5.9
3	5.8	5.4	5.6	5.7	5.0	5.4	6.7	5.8	6.3	6.4	5.2	5.8
4	5.6	5.3	5.4	5.5	5.1	5.3	6.6	5.7	6.1	6.4	5.2	5.8
5	6.9	5.3	5.9	5.9	5.0	5.4	6.9	5.4	6.1	6.2	5.2	5.7
6	7.6	6.0	6.6	5.6	4.9	5.4	6.3	5.3	5.8	6.5	5.5	5.9
7	7.2	5.9	6.5	5.3	4.6	5.0	5.6	4.5	5.0	5.9	4.9	5.4
8	7.2	6.0	6.6	5.1	4.6	4.9	5.7	3.8	4.8	5.2	4.6	5.0
9	6.7	5.6	6.1	5.2	4.6	4.9	5.8	4.7	5.3	5.1	4.7	4.9
10	6.2	5.7	5.9	6.2	5.0	5.7	5.3	4.6	4.9	5.2	4.7	4.9
11	7.0	5.8	6.4	6.3	5.3	5.9	4.9	4.1	4.5	---	---	---
12	7.5	5.9	6.7	6.7	5.7	6.2	4.6	3.6	4.2	---	---	---
13	8.6	6.5	7.4	5.7	5.0	5.3	4.9	3.3	4.0	---	---	---
14	7.8	6.6	7.2	5.2	4.6	5.0	3.5	2.9	3.2	---	---	---
15	6.9	6.2	6.6	5.6	4.9	5.2	6.2	3.3	4.5	---	---	---
16	6.7	5.9	6.3	6.3	5.3	5.5	6.5	5.4	5.8	---	---	---
17	6.0	5.3	5.7	5.9	5.1	5.5	6.9	5.2	6.0	---	---	---
18	5.9	5.2	5.6	5.9	5.3	5.6	7.4	5.7	6.5	---	---	---
19	6.2	5.5	5.8	5.7	5.2	5.5	6.6	5.4	6.1	---	---	---
20	6.2	5.6	5.9	6.0	5.2	5.6	6.4	5.2	5.8	---	---	---
21	6.0	5.5	5.7	6.7	5.6	6.1	6.3	5.0	5.7	---	---	---
22	5.9	5.5	5.8	7.2	5.7	6.5	6.4	5.2	5.8	4.4	4.1	4.2
23	5.8	5.4	5.6	8.1	6.5	7.2	6.5	5.6	6.1	4.1	4.0	4.1
24	5.7	5.3	5.5	9.0	6.6	7.6	6.4	5.4	6.0	4.1	4.0	4.1
25	5.9	5.3	5.6	8.0	6.6	7.2	5.9	5.1	5.5	4.2	3.9	4.2
26	5.6	5.0	5.4	7.1	6.0	6.5	---	---	---	4.3	4.1	4.2
27	5.6	5.2	5.4	7.8	5.9	6.8	---	---	---	4.2	4.0	4.1
28	5.4	5.0	5.2	7.7	6.7	7.1	---	---	---	4.1	3.9	4.0
29	5.5	4.9	5.1	7.5	6.2	6.9	---	---	---	3.9	3.9	3.9
30	5.3	4.7	5.0	7.3	5.6	6.5	---	---	---	4.1	3.9	4.0
31	---	---	---	7.1	5.5	6.4	6.1	5.2	5.5	---	---	---
MONTH	8.6	4.7	5.9	9.0	4.6	5.9	7.7	2.9	5.5	6.6	3.9	4.8
YEAR	10.7	2.9	6.9									

02135210 PEE DEE RIVER AT TOPSAW LANDING NEAR PLANTERSVILLE, SC

LOCATION.--Lat 33°36'27'', long 79°09'02'', Georgetown County, Hydrologic Unit 03040206, on right bank, 5 mi downstream from Yauhannah Lake Bridge, on Highway 701.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 5.40 ft below sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharges shown are those confined to the main channel and does not include discharges in the flood plain when bankfull capacity is exceeded. Discharge records for the 1990 -94 water years were computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH) and are considered poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1320	965	1340	5030	12800	4740	6270	4210	1920	1520	1510	678
2	1160	1170	1140	4460	13600	4360	6620	5350	1780	1490	1430	818
3	1610	1040	1190	4970	14200	4220	6470	6390	1330	1910	1080	727
4	1910	1000	1300	5040	14200	4280	6540	7140	1080	1840	919	1320
5	1570	851	1090	4540	14200	3630	6470	7840	1680	1770	1060	1260
6	1390	1690	1400	4880	13700	3720	6560	9040	1740	1430	1310	768
7	1070	1810	1710	5530	13400	3870	6640	10300	1350	1010	1120	799
8	1450	1480	1220	5720	13100	3490	6070	11500	1150	807	825	944
9	1690	1230	1120	6040	12500	3160	5490	12100	701	977	724	1490
10	1100	638	732	6440	12300	3180	5080	12000	521	1380	362	1790
11	2290	857	859	6440	11800	3050	4280	11700	458	1180	455	1870
12	3000	616	862	6100	11400	3690	4340	11000	1130	1090	542	1280
13	2700	686	1380	5070	10900	3740	e3800	10300	e1160	1330	705	1460
14	1980	841	1130	4310	10200	3650	e3200	9320	e1200	1040	891	1330
15	1910	1160	1060	4460	9370	4820	2500	8570	e1250	1140	1140	1820
16	1650	843	1610	4430	8820	3700	3420	7970	e1300	1420	1040	6550
17	1710	933	1830	4930	8180	3660	2820	7420	e1350	1880	709	6840
18	1650	639	2110	5280	7360	4200	2350	7150	e1400	2240	624	7190
19	1610	1300	2900	5300	6450	4360	2350	7150	e1450	2280	847	7200
20	1590	1570	3680	4890	6060	4580	1480	7040	e1500	1790	1020	6730
21	1110	1810	3940	5020	6000	4890	1170	6860	e1550	1120	1420	7100
22	1720	1570	4000	5360	5870	5330	1400	6650	e1600	1030	872	8210
23	1780	1610	3150	5580	5610	4570	2400	6340	e1640	1860	507	9000
24	2290	1560	3070	6860	5320	4100	1750	5950	e1690	1760	623	9910
25	2230	822	3040	7670	5080	4470	1670	5170	1730	1810	498	10800
26	1710	1420	3630	8110	5040	5110	1850	4340	1740	1740	716	11300
27	1140	1700	4270	8650	4940	5970	1360	3820	1620	1310	e956	11300
28	567	1800	5000	9360	5010	6210	1550	3550	1680	e1250	e953	11100
29	857	1800	5160	9950	---	6440	1940	3240	1380	e1190	1170	10700
30	677	1520	5660	10900	---	6380	2730	2690	1260	e1130	1620	10800
31	648	---	5190	12100	---	6150	---	2560	---	1070	1060	---
TOTAL	49089	36931	75773	193420	267410	137720	110570	224660	41340	44794	28708	153084
MEAN	1584	1231	2444	6239	9550	4443	3686	7247	1378	1445	926	5103
MAX	3000	1810	5660	12100	14200	6440	6640	12100	1920	2280	1620	11300
MIN	567	616	732	4310	4940	3050	1170	2560	458	807	362	678

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

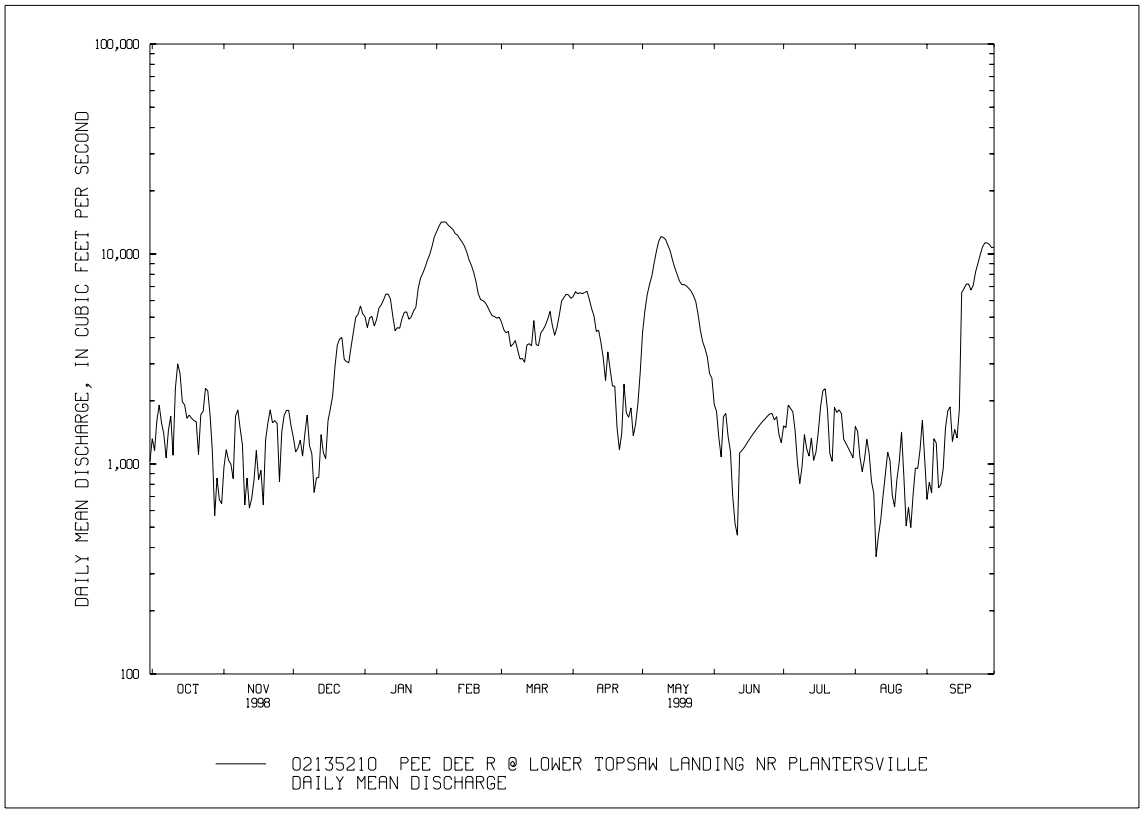
MEAN	5724	5215	6190	9068	11330	11520	8739	6101	4005	2594	4018	4319
MAX	12560	13060	10870	14640	23080	20840	23640	9470	7024	6296	7954	10030
(WY)	1990	1991	1993	1995	1998	1998	1993	1998	1992	1995	1991	1996
MIN	1584	1231	2444	5619	4753	4443	3071	1933	1378	1375	926	1507
(WY)	1999	1999	1999	1996	1992	1999	1995	1995	1999	1998	1999	1997

02135210 PEE DEE RIVER AT TOPSAW LANDING NEAR PLANTERSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	2876275		1363499			
ANNUAL MEAN	7880		3736		6437	
HIGHEST ANNUAL MEAN					8457	1998
LOWEST ANNUAL MEAN					3736	1999
HIGHEST DAILY MEAN	26200	Feb 10	14200	* Feb 3	36600	Jan 22 1993
LOWEST DAILY MEAN	448	Sep 3	362	Aug 10	335	Oct 10 1990
ANNUAL SEVEN-DAY MINIMUM	806	Nov 10	643	Aug 8	643	Aug 8 1999
INSTANTANEOUS PEAK STAGE			11.12	Sep 28	15.04	Feb 10 1998
10 PERCENT EXCEEDS	21100		8890		13000	
50 PERCENT EXCEEDS	3630		1910		5310	
90 PERCENT EXCEEDS	1080		858		1510	

* Also occurred Feb. 4, 5.

e Estimated



02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC

LOCATION.--Lat 34°09'02'', long 80°18'18'', Lee County, Hydrologic Unit 03040205, on left bank, on downstream side of bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville.

DRAINAGE AREA.--96.0 mi^2.

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Data collection platform. Datum of gage is 164.53 ft above sea level.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	21	38	65	109	70	69	319	11	33	12	18
2	34	21	38	60	139	71	85	391	10	28	9.4	14
3	27	22	38	123	153	59	86	372	9.7	23	8.3	11
4	26	23	37	158	159	55	81	254	9.1	18	7.6	9.7
5	26	24	37	153	163	50	74	176	8.5	15	7.0	9.1
6	25	24	38	139	152	48	63	138	8.0	14	6.7	14
7	26	25	38	132	133	48	55	139	7.6	14	6.3	17
8	27	25	39	122	117	46	50	145	7.2	14	6.0	15
9	27	26	39	96	99	45	46	130	6.9	13	5.7	13
10	25	31	38	79	86	58	43	118	6.5	11	5.7	12
11	24	33	37	71	79	62	40	107	6.3	10	5.7	11
12	22	33	37	65	73	60	40	75	6.1	12	5.5	10
13	21	32	40	61	72	55	35	42	6.0	16	5.5	9.5
14	21	32	58	59	65	68	30	34	5.8	26	5.9	9.0
15	20	45	74	89	65	104	31	31	5.9	26	7.5	14
16	20	63	132	113	63	107	44	28	8.1	21	7.7	62
17	19	71	162	114	61	100	34	25	31	17	7.1	94
18	19	76	171	131	60	97	30	23	24	15	6.6	89
19	19	68	163	136	62	95	28	21	16	13	6.4	61
20	19	56	149	131	80	71	26	19	16	11	7.2	46
21	19	50	129	119	84	67	25	18	18	10	7.9	58
22	19	45	96	103	85	104	23	16	17	10	7.3	75
23	19	41	75	102	83	113	22	21	14	9.2	7.2	67
24	19	40	71	194	73	105	20	43	12	9.3	7.0	45
25	20	40	105	235	65	111	19	40	12	14	8.0	32
26	20	41	124	255	61	126	20	29	66	19	11	27
27	20	41	125	244	59	120	27	22	100	20	30	35
28	20	40	121	203	59	109	65	18	74	17	39	68
29	20	39	117	166	---	105	80	15	51	13	43	126
30	20	38	103	139	---	95	186	14	41	11	38	157
31	21	---	79	118	---	76	---	12	---	12	26	---
TOTAL	711	1166	2548	3975	2559	2500	1477	2835	614.7	494.5	364.2	1228.3
MEAN	22.9	38.9	82.2	128	91.4	80.6	49.2	91.5	20.5	16.0	11.7	40.9
MAX	47	76	171	255	163	126	186	391	100	33	43	157
MIN	19	21	37	59	59	45	19	12	5.8	9.2	5.5	9.0
CFSM	.24	.40	.86	1.34	.95	.84	.51	.95	.21	.17	.12	.43
IN.	.28	.45	.99	1.54	.99	.97	.57	1.10	.24	.19	.14	.48

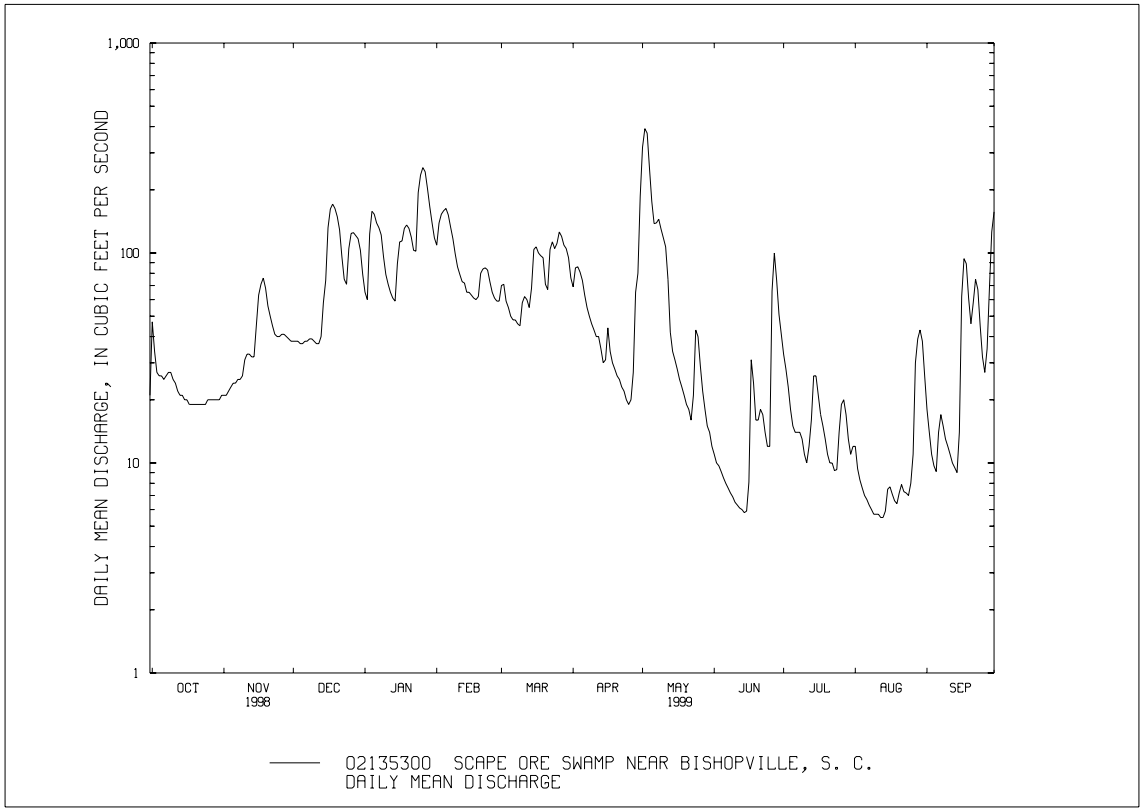
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1999, BY WATER YEAR (WY)

MEAN	84.0	94.3	124	161	164	172	128	72.9	62.6	54.3	70.8	59.9
MAX	563	176	351	332	340	309	255	159	209	182	262	270
(WY)	1991	1986	1995	1998	1998	1971	1983	1975	1973	1975	1991	1979
MIN	16.9	28.0	64.4	75.5	73.1	72.5	36.6	20.1	14.6	5.81	11.7	12.6
(WY)	1982	1982	1989	1981	1986	1985	1986	1986	1986	1986	1999	1968

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR			FOR 1999 WATER YEAR			WATER YEARS 1968 - 1999	
ANNUAL TOTAL	50613			20472.7				
ANNUAL MEAN	139			56.1			104	
HIGHEST ANNUAL MEAN							170	1991
LOWEST ANNUAL MEAN							56.1	1999
HIGHEST DAILY MEAN	782		Feb 6	391		May 2	4150	Oct 12 1990
LOWEST DAILY MEAN	14	***	Jul 9	5.5	*	Aug 12	3.5	Jul 24 1986
ANNUAL SEVEN-DAY MINIMUM	15		Jul 9	5.7		Aug 8	3.9	Jul 21 1986
INSTANTANEOUS PEAK FLOW				409	**	May 2	4500	Oct 12 1990
INSTANTANEOUS PEAK STAGE				6.69	**	May 2	11.80	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.44			.58			1.08	
ANNUAL RUNOFF (INCHES)	19.61			7.93			14.72	
10 PERCENT EXCEEDS	319			129			205	
50 PERCENT EXCEEDS	74			38			80	
90 PERCENT EXCEEDS	20			9.1			19	

* Also occurred on Aug. 13.
** Also occurred May 3.
*** Also occurred July 10, 14, 15.



02136000 BLACK RIVER AT KINGSTREE, SC

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on left bank, at upstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi^2.

PERIOD OF RECORD.--October 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--Data collection platform. Datum of gage is 25.66 ft above sea level. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	129	43	90	665	3100	812	1050	1410	113	138	26	9.3
2	121	42	91	644	2910	785	1040	2040	101	127	24	8.5
3	115	42	92	694	2610	759	1020	2790	91	113	21	8.0
4	110	40	92	756	2380	729	1000	3960	81	106	19	7.6
5	169	39	92	819	2190	704	963	4690	72	107	18	7.4
6	153	39	91	830	2130	686	903	4970	64	131	16	7.5
7	120	39	90	812	2140	666	876	5230	56	132	15	8.8
8	114	38	90	796	2120	644	861	e5080	50	122	14	10
9	110	38	90	786	2070	623	818	e4320	44	115	13	8.5
10	105	38	90	782	2000	607	763	e3570	39	110	13	7.9
11	100	38	89	792	1930	593	702	e2810	35	110	12	7.5
12	95	e39	88	807	1830	580	640	2440	33	123	11	7.2
13	89	e40	91	810	1720	571	575	2150	30	144	11	7.0
14	85	e42	96	798	1590	585	515	1870	29	166	11	7.4
15	81	e43	112	800	1460	621	466	1660	27	191	43	35
16	77	e46	185	805	1340	643	421	1470	26	210	52	110
17	74	50	227	837	1240	659	375	1300	27	222	25	129
18	71	54	267	908	1160	675	332	1140	29	216	16	177
19	69	60	316	946	1090	683	293	989	52	195	18	151
20	67	63	369	964	1040	680	259	842	80	173	20	108
21	64	64	419	954	1020	713	230	719	118	152	14	99
22	61	65	461	943	1020	778	204	627	157	129	12	109
23	59	68	496	975	1000	848	180	551	191	108	11	119
24	56	70	530	1270	974	902	161	478	208	91	10	124
25	53	71	559	1710	944	936	145	401	203	76	10	118
26	51	75	601	2230	912	1000	133	328	187	63	10	108
27	50	79	639	2850	879	1040	125	266	170	55	10	111
28	48	83	672	3260	844	1070	277	216	151	47	12	146
29	47	86	694	3370	---	1090	373	178	141	39	15	192
30	45	88	704	3300	---	1080	720	150	140	33	12	287
31	44	---	687	3260	---	1060	---	129	---	30	10	---
TOTAL	2632	1622	9210	40173	45643	23822	16420	58774	2745	3774	524	2235.6
MEAN	84.9	54.1	297	1296	1630	768	547	1896	91.5	122	16.9	74.5
MAX	169	88	704	3370	3100	1090	1050	5230	208	222	52	287
MIN	44	38	88	644	844	571	125	129	26	30	10	7.0
CFSM	.07	.04	.24	1.04	1.30	.61	.44	1.51	.07	.10	.01	.06
IN.	.08	.05	.27	1.19	1.36	.71	.49	1.75	.08	.11	.02	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

MEAN	512	473	937	1489	1970	2126	1529	595	548	492	550	599
MAX	7708	3250	5471	6499	8404	6938	5905	2144	7852	3318	3148	7258
(WY)	1965	1948	1995	1993	1973	1983	1936	1984	1973	1941	1991	1945
MIN	8.65	5.00	39.3	124	319	319	220	54.5	11.3	10.5	5.19	4.83
(WY)	1932	1932	1955	1934	1934	1938	1985	1935	1935	1986	1954	1954

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	619881		207574.6			
ANNUAL MEAN	1698		569		980	
HIGHEST ANNUAL MEAN					2438	1973
LOWEST ANNUAL MEAN					183	1934
HIGHEST DAILY MEAN	9240	Feb 7	5230	May 7	52800	Jun 14 1973
LOWEST DAILY MEAN	38	Nov 8	7.0	Sep 13	2.0	Sep 12 1954
ANNUAL SEVEN-DAY MINIMUM	38	Nov 5	7.9	Sep 8	2.6	Sep 8 1954
INSTANTANEOUS PEAK FLOW			5320	May 7	58000	Jun 14 1973
INSTANTANEOUS PEAK STAGE			12.07	May 7	19.77	Jun 14 1973
INSTANTANEOUS LOW FLOW			7.0 **	Sep 12	2.0 *	Sep 12 1954
ANNUAL RUNOFF (CFSM)	1.36		.45		.78	
ANNUAL RUNOFF (INCHES)	18.42		6.17		10.63	
10 PERCENT EXCEEDS	5360		1460		2400	
50 PERCENT EXCEEDS	406		151		474	
90 PERCENT EXCEEDS	59		18		53	

* Also occurred Sep. 13-15, Oct. 7, 8, 1954.
** Also occurred Sep. 13, 14.

e Estimated

02136361 TURKEY CREEK NEAR MARYVILLE, SC

LOCATION.--Lat 33°19'42'', long 79°20'18'', Georgetown County, Hydrologic Unit 03040207, approximately 2,500 ft upstream of Pennyroyal Road on a pedestrian bridge, 4 mi southwest of Georgetown, and at mile 2.75.

DRAINAGE AREA.--4.67 mi^2, approximately.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 5.0 ft above sea level (from topographic map).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	.81	.60	.89	3.2	1.2	12	34	.47	.54	1.8	.55
2	.76	.76	.57	.91	8.7	1.7	19	22	.48	.48	1.2	.48
3	.51	.72	.61	2.4	8.1	9.0	15	13	.53	.52	1.1	.46
4	.71	.64	.57	1.9	7.8	15	13	12	.45	.45	.96	.48
5	.80	.61	.57	1.5	7.0	12	10	12	.42	.47	.83	.48
6	1.5	.59	.61	1.2	6.1	9.9	8.3	17	.41	.88	.81	.47
7	1.5	.44	.62	1.1	5.3	8.1	7.0	15	.42	.86	.73	.47
8	.88	.37	.62	.98	4.4	6.7	6.2	11	.42	.66	.66	.44
9	1.0	.38	.59	1.2	3.8	5.7	5.1	9.1	.41	.59	.69	.45
10	.77	.39	.55	1.2	3.4	5.1	3.9	7.2	.39	.49	.64	.44
11	.62	.46	.53	1.0	3.1	4.2	2.3	5.0	.40	.52	.60	.41
12	.54	.47	.52	.95	3.0	3.3	1.4	3.7	.42	1.9	.53	.38
13	.48	.45	.70	.84	2.8	2.0	.87	3.6	.34	7.9	.63	.38
14	.45	.43	.71	.86	2.2	1.2	.73	3.2	.38	11	.56	4.2
15	.41	.46	1.5	1.4	1.7	.87	.74	2.2	.66	27	.57	26
16	.78	.48	1.8	1.2	1.6	.73	.79	1.5	.97	27	.61	89
17	.58	.49	.87	1.1	1.5	.74	.69	1.1	.87	23	.56	44
18	.42	.47	.72	1.3	1.8	.79	.53	.90	.59	20	.50	20
19	.39	.71	.77	1.1	1.7	.69	.49	.87	.43	18	.51	14
20	1.1	.73	.75	.94	1.6	.53	.57	.81	.65	18	.52	18
21	1.3	.68	.76	.84	1.4	.49	.59	.76	.57	15	.49	49
22	1.3	.61	.75	.80	1.3	.57	.53	.74	.49	13	.48	40
23	1.3	.60	.69	1.1	1.2	.59	.54	.72	.46	11	.47	31
24	.53	.60	.74	20	1.2	.53	.49	.73	.43	9.7	.47	26
25	.37	.60	1.0	13	1.1	.54	.52	.67	.39	8.4	.54	21
26	.33	.60	2.9	7.7	1.1	.49	.54	.56	.39	7.3	.55	17
27	.74	.59	2.1	5.3	1.0	.52	.93	.52	.40	6.1	.54	15
28	.77	.55	2.2	4.4	1.0	.54	12	.47	.43	5.0	.53	16
29	.71	.54	1.4	3.6	---	.93	9.7	.46	.45	4.1	.81	17
30	.87	.55	1.1	3.0	---	3.2	23	.46	.54	3.3	1.1	16
31	.86	---	1.0	2.6	---	3.9	---	.46	---	2.6	.61	---
TOTAL	24.68	16.78	29.42	86.31	88.1	101.75	157.45	181.73	14.66	245.76	21.60	469.09
MEAN	.80	.56	.95	2.78	3.15	3.28	5.25	5.86	.49	7.93	.70	15.6
MAX	1.5	.81	2.9	20	8.7	15	23	34	.97	27	1.8	89
MIN	.33	.37	.52	.80	1.0	.49	.49	.46	.34	.45	.47	.38
CFSM	.17	.12	.20	.60	.67	.70	1.12	1.26	.10	1.70	.15	3.35
IN.	.20	.13	.23	.69	.70	.81	1.25	1.45	.12	1.96	.17	3.74

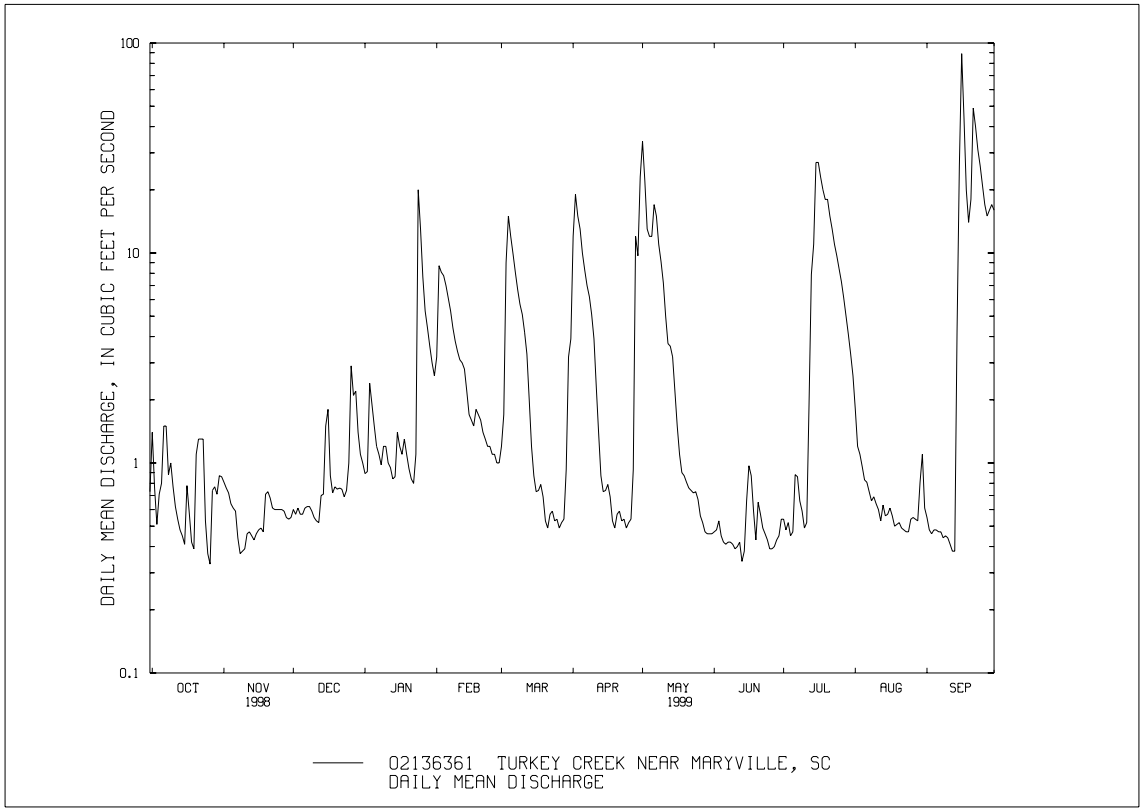
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1999, BY WATER YEAR (WY)

MEAN	5.25	3.49	5.10	8.71	10.0	5.91	2.98	1.92	4.27	4.32	33.3	21.0
MAX	9.96	7.52	14.1	30.8	37.3	12.5	5.25	5.86	15.9	7.93	187	86.6
(WY)	1997	1998	1995	1998	1998	1998	1999	1999	1997	1999	1995	1995
MIN	.80	.56	.95	2.71	2.36	3.20	.84	.14	.23	.36	.52	.72
(WY)	1999	1999	1999	1996	1996	1997	1995	1994	1998	1998	1998	1998

02136361 TURKEY CREEK NEAR MARYVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1994 - 1999	
ANNUAL TOTAL	2691.12		1437.33			
ANNUAL MEAN	7.37		3.94		8.85	
HIGHEST ANNUAL MEAN					27.8	1995
LOWEST ANNUAL MEAN					2.78	1994
HIGHEST DAILY MEAN	111	Feb 17	89	Sep 16	1350	Aug 27 1995
LOWEST DAILY MEAN	.15 ***	Jun 18	.33	Oct 26	.03	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	.16	Jun 22	.39	Jun 8	.06	May 23 1994
INSTANTANEOUS PEAK FLOW			121	Sep 16	* 1500	Aug 27 1995
INSTANTANEOUS PEAK STAGE			3.29	Sep 16	** 4.56	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.58		.84		1.90	
ANNUAL RUNOFF (INCHES)	21.44		11.45		25.76	
10 PERCENT EXCEEDS	26		12		14	
50 PERCENT EXCEEDS	.68		.81		1.7	
90 PERCENT EXCEEDS	.26		.45		.19	

* From rating curve extended above 59.5 $ft^3/2$ on basis of slope-area computation of peak discharge.
** From floodmarks.
*** Also occurred Jun. 24.



02146000 CATAWBA RIVER NEAR ROCK HILL, SC

LOCATION.--Lat 34°59'05'', long 80°58'27'', York County, Hydrologic Unit 03050103, on right bank, at downstream side of bridge on U.S. Highway 21, 3.5 mi downstream from Lake Wylie Dam, 5.0 mi northeast of Rock Hill, 7.5 mi upstream from Sugar Creek, and at mile 137.6.

DRAINAGE AREA.--3,050 mi^2, approximately.

PERIOD OF RECORD.--October 1895 to September 1902, April 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1895-1903, WSP 1333: 1942-43(M), 1953(M). WSP 1623: 1942-51 (yearly runoff).

GAGE.--Data collection platform. Datum of gage is 485.82 ft above sea level. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft^3).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	976	534	1260	1710	7280	4150	1270	3550	2170	740	1570	1140
2	663	876	2740	1440	3670	2760	1000	2640	1230	1600	2000	1230
3	586	1260	1100	1220	6070	2670	1840	2360	948	1270	1280	1020
4	749	869	1120	2620	8160	4250	1310	3140	1310	598	1630	957
5	600	933	985	7160	5050	4160	2770	1140	902	634	2450	1150
6	1100	939	746	4430	5030	1800	1270	1560	880	2110	1110	1190
7	1700	714	1100	3750	3460	1100	940	1960	2470	1210	1080	879
8	1490	802	1060	4210	6410	3430	1030	957	1960	4290	1130	1220
9	1290	987	703	1390	6470	2660	3040	1310	1170	1060	1040	1190
10	1120	939	1170	1120	7340	3680	2030	1520	1250	1500	1450	921
11	774	746	1500	3280	9000	2150	1380	2130	1170	1030	1020	893
12	610	1940	784	3020	5250	1700	882	2270	1200	924	1280	783
13	943	1190	756	5970	1670	665	2200	1310	1590	1060	1040	1140
14	897	774	1300	6360	3170	891	541	970	2450	1600	1280	1040
15	987	821	2180	6660	2980	1360	1090	1010	959	1860	943	1100
16	883	1710	1670	5150	1680	2850	1060	1130	940	1840	1520	660
17	888	1090	2470	3760	2410	2060	633	2250	636	1580	1110	825
18	564	1970	2350	4430	2620	1160	762	1290	1240	1600	1110	829
19	1320	1150	1010	4510	3450	1130	1610	1360	757	1000	1130	800
20	1170	1210	698	5360	2400	1370	1940	2670	774	2200	1110	964
21	1110	937	931	5050	3110	1460	1440	2510	750	1000	985	883
22	1180	1060	796	5180	5950	2600	1250	840	944	5300	1060	1010
23	1100	2090	1070	3010	4890	1610	537	1300	1250	4820	960	912
24	1150	1010	1790	1730	4050	2600	1050	1830	1180	1420	1320	646
25	796	1530	1980	3670	4800	1610	1490	1790	1270	1250	772	901
26	803	804	1250	8180	6460	2110	1270	1530	1620	4930	1020	923
27	557	1140	3130	6910	2730	1330	1800	1580	1070	2380	1180	929
28	660	1190	1740	6730	1930	1120	635	1910	1860	4080	855	1020
29	989	770	2270	8560	---	1370	1070	781	1980	4880	757	1030
30	1040	1350	2410	5620	---	1030	943	1070	843	2670	1380	1030
31	738	---	3730	3710	---	2290	---	1330	---	1280	1590	---
TOTAL	29433	33335	47799	135900	127490	65126	40083	52998	38773	63716	38162	29215
MEAN	949	1111	1542	4384	4553	2101	1336	1710	1292	2055	1231	974
MAX	1700	2090	3730	8560	9000	4250	3040	3550	2470	5300	2450	1230
MIN	557	534	698	1120	1670	665	537	781	636	598	757	646
CFSM	.31	.36	.51	1.44	1.49	.69	.44	.56	.42	.67	.40	.32
IN.	.36	.41	.58	1.66	1.55	.79	.49	.65	.47	.78	.47	.36

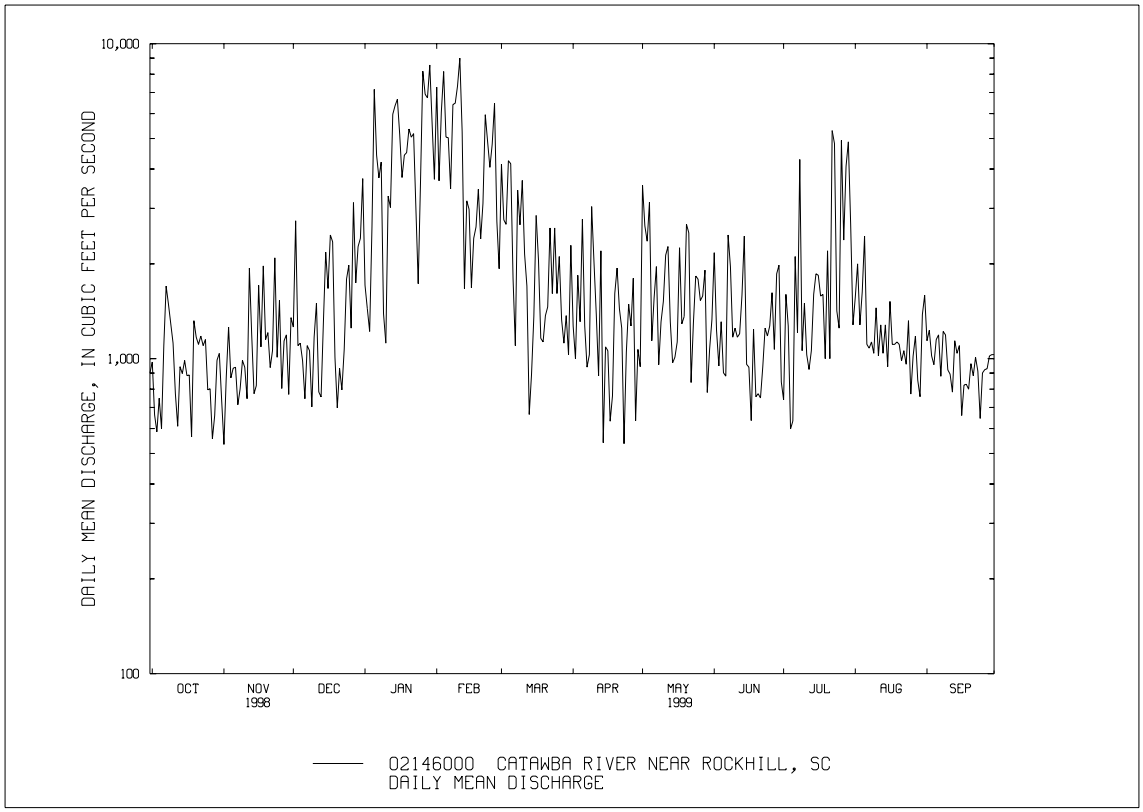
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1999, BY WATER YEAR (WY)

MEAN	3488	3596	4232	5392	6061	6300	5593	4331	3937	3299	3483	3055
MAX	10680	12400	14270	10630	14950	19510	15970	15360	10120	10340	22230	9768
(WY)	1899	1978	1902	1946	1899	1899	1901	1901	1901	1896	1901	1945
MIN	721	858	1042	1415	1371	1526	1211	910	1088	933	1010	974
(WY)	1955	1955	1956	1956	1977	1988	1985	1986	1988	1986	1988	1999

02146000 CATAWBA RIVER NEAR ROCK HILL, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1896 - 1999	
ANNUAL TOTAL	1563510		702030			
ANNUAL MEAN	4284		1923		4390	
HIGHEST ANNUAL MEAN					9635	1901
LOWEST ANNUAL MEAN					1923	1999
HIGHEST DAILY MEAN	15400	Apr 22	9000	Feb 11	127000	May 23 1901
LOWEST DAILY MEAN	534	Nov 1	534	Nov 1	227	Apr 26 1986
ANNUAL SEVEN-DAY MINIMUM	760	Oct 26	760	Oct 26	541	Oct 19 1954
INSTANTANEOUS PEAK FLOW			13500	Feb 11	* 151000	May 23 1901
INSTANTANEOUS PEAK STAGE			7.51	Feb 11	* 24.15	May 23 1901
ANNUAL RUNOFF (CFSM)	1.40		.63		1.44	
ANNUAL RUNOFF (INCHES)	19.07		8.56		19.56	
10 PERCENT EXCEEDS	10300		4230		8650	
50 PERCENT EXCEEDS	2690		1270		3590	
90 PERCENT EXCEEDS	803		778		919	

* Site and datum then in use.



02147020 CATAWBA RIVER BELOW CATAWBA, SC

LOCATION.--Lat 34°50'10'', long 80°52'47'', York County, Hydrologic Unit 03050103, on right bank, 1.5 mi downstream from Twelvemile Creek, 2.2 mi southeast of Catawba, and at mile 121.3.

DRAINAGE AREA.--3,540 mi^2, approximately.

PERIOD OF RECORD.--January 1992 to current year.

GAGE.--Data collection platform. Datum of gage is 442.0 ft above sea level (by Global Positioning Survey). June 1906 to Dec. 21, 1948, nonrecording gage at site 0.6 mi downstream at different datum. October 1967 to January 1992, recording gage at site 1.5 mi upstream at different datum and published as station 02147000.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft^3).

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum stage known since June 1906, 40.4 ft July 16, 1916, at site and datum then in use, from records furnished by the National Weather Service.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1180	741	1430	2700	6800	5190	1490	5710	e2460	1450	1930	1250
2	861	962	2990	1610	8550	3210	2270	4260	e1700	1700	2900	1050
3	724	1830	1490	4290	6250	2820	1760	3030	e918	1780	1360	1240
4	861	1420	1430	3700	8970	5970	2220	4430	1810	1300	1960	837
5	1350	1110	1230	6820	5510	4270	2840	1620	1370	960	2940	1220
6	1090	1140	991	6270	7420	3140	2070	2040	1520	1840	1440	1740
7	1380	935	1010	4530	3840	1570	1510	2780	1950	3170	1310	990
8	2940	1060	1240	3970	6720	3740	1220	1660	3100	4370	1520	1040
9	2260	1210	1340	3450	6780	2590	3480	1780	2040	2810	1030	1360
10	1050	986	1030	1270	7780	5280	2600	2010	1800	1480	1540	954
11	1290	1150	1810	3390	9510	3010	2150	2330	2680	2010	1370	1040
12	773	1110	1200	3710	6690	2550	1250	2790	1640	1160	1470	786
13	883	2400	956	5600	3210	1070	3090	2500	1770	2090	1150	959
14	1300	1020	1370	5860	3210	1170	993	1650	2820	1950	1470	936
15	1070	1370	2270	8180	4080	2690	1370	1270	2030	2030	1130	1180
16	958	1720	3210	6780	2070	3550	1390	1580	1850	2630	1430	1430
17	1160	2040	3120	3830	2350	3410	1230	2550	2250	2080	1440	1100
18	783	1460	3040	7740	3820	1290	1110	1800	1530	2100	1190	925
19	1100	2500	1530	5910	4560	1520	1410	2670	1580	1390	1380	770
20	1280	1300	943	5840	5580	1790	2920	3000	1100	1590	1080	908
21	1360	1320	941	5870	3920	2210	1720	3240	1050	2370	1700	961
22	1330	1020	1220	6850	5740	3650	1910	1750	1280	3680	1160	1520
23	1400	2560	1360	4960	5870	2650	1140	1610	1580	6090	983	936
24	1170	1200	3440	12700	4680	3300	1140	1750	1650	2920	1380	866
25	1150	1520	5260	9950	6020	1360	1620	2960	1620	1560	1450	754
26	802	1350	2150	10800	6720	2930	1700	1900	3110	4050	1190	1010
27	798	1380	3170	6390	3940	2280	2400	2400	1390	3630	1410	1180
28	801	1270	3210	7600	1990	1690	2960	2480	2610	4250	1070	1190
29	809	946	2740	9620	---	1460	1840	1570	2780	4320	824	1590
30	1210	1410	2190	6470	---	1650	4180	e1400	1560	4700	1210	2430
31	1010	---	4760	5030	---	2950	---	e1560	---	2180	1680	---
TOTAL	36133	41440	64071	181690	152580	85960	58983	74080	56548	79640	45097	34152
MEAN	1166	1381	2067	5861	5449	2773	1966	2390	1885	2569	1455	1138
MAX	2940	2560	5260	12700	9510	5970	4180	5710	3110	6090	2940	2430
MIN	724	741	941	1270	1990	1070	993	1270	918	960	824	754
CFSM	.33	.39	.58	1.66	1.54	.78	.56	.68	.53	.73	.41	.32
IN.	.38	.44	.67	1.91	1.60	.90	.62	.78	.59	.84	.47	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1999, BY WATER YEAR (WY)

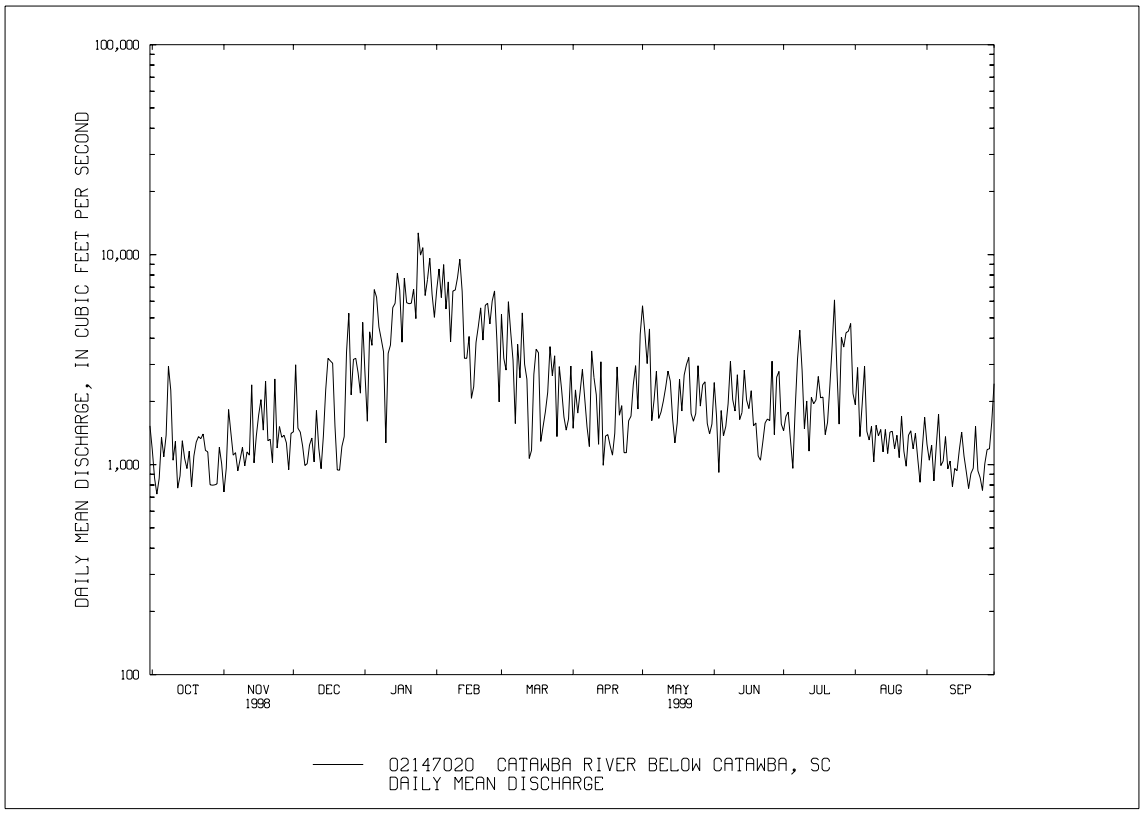
MEAN	3482	3929	5003	7926	8281	7737	5693	4003	4238	2912	3759	2346
MAX	7722	7780	8630	11270	12570	14200	10760	5978	10000	3892	8733	3883
(WY)	1996	1993	1993	1993	1998	1993	1993	1993	1992	1995	1994	1995
MIN	991	1381	2067	5861	5108	2773	1966	1691	1885	1843	1455	1138
(WY)	1994	1999	1999	1999	1992	1999	1999	1994	1999	1996	1999	1999

02147020 CATAWBA RIVER BELOW CATAWBA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1992 - 1999	
ANNUAL TOTAL	1877719		910374			
ANNUAL MEAN	5144		2494		4916	
HIGHEST ANNUAL MEAN					6874	1993
LOWEST ANNUAL MEAN					2494	1999
HIGHEST DAILY MEAN	16200	Mar 9	12700	Jan 24	35000	Mar 25 1993
LOWEST DAILY MEAN	724	Oct 3	724	Oct 3	560	Oct 12 1993
ANNUAL SEVEN-DAY MINIMUM	882	Oct 26	882	Oct 26	807	Oct 9 1993
INSTANTANEOUS PEAK FLOW			13500	Jan 24	49300	Mar 25 1993
INSTANTANEOUS PEAK STAGE			11.02	Jan 24	20.86	Mar 25 1993
INSTANTANEOUS LOW FLOW			435	Sep 25	435	* Oct 24 1996
ANNUAL RUNOFF (CFSM)	1.45		.70		1.39	
ANNUAL RUNOFF (INCHES)	19.73		9.57		18.87	
10 PERCENT EXCEEDS	11800		5540		9780	
50 PERCENT EXCEEDS	3300		1700		3960	
90 PERCENT EXCEEDS	1050		991		1180	

* Also occurred Sep. 25, 1999.

e Estimated



021473423 WILDCAT CREEK NEAR ROCK HILL, SC

LOCATION.--Lat 34°55'56'', long 81°03'51'', York County, Hydrologic Unit 03050103, at upstream side of culvert on State Highway 5, on left bank, 9.6 mi east of York, and 0.6 mi west of Rock Hill.

DRAINAGE AREA.--3.39 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 558 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.75	.67	1.3	3.2	15	3.0	3.3	4.2	.84	.66	.74	.45
2	.66	1.1	e1.4	3.5	12	2.6	2.8	2.7	.82	.64	.55	.44
3	.67	3.0	e1.0	30	6.3	3.5	2.6	2.0	.83	.62	.41	.42
4	1.7	1.5	1.0	7.0	4.8	2.9	2.3	1.6	.79	.60	.43	.41
5	.87	1.3	.99	5.2	3.7	2.6	2.1	1.6	.77	.57	.43	2.9
6	.80	1.1	.94	4.6	3.3	2.5	2.0	2.0	.75	.55	.39	.91
7	3.1	1.1	.94	4.2	3.1	2.1	1.9	1.6	.75	3.6	.33	.62
8	12	1.1	.90	4.0	2.8	1.9	1.8	1.4	.73	1.1	.33	.55
9	3.4	1.2	e.88	3.9	2.6	4.7	1.8	1.3	.73	.58	.35	8.5
10	2.3	1.2	e.81	3.6	2.6	3.9	1.7	1.2	3.0	1.2	.33	1.6
11	1.7	1.3	.80	3.4	2.4	3.0	1.6	1.1	2.4	.76	.33	.77
12	1.4	1.3	.76	3.1	2.2	2.7	1.5	1.1	1.0	.84	.32	.71
13	1.3	1.1	2.2	e3.0	2.1	2.5	1.4	1.4	.90	3.3	.32	.64
14	1.1	2.5	.95	e2.8	1.9	5.2	1.4	1.1	.86	.72	.31	.64
15	.98	4.1	3.2	e4.0	1.8	4.6	1.4	1.1	.95	.62	.31	2.0
16	.92	4.8	5.2	e3.0	1.8	3.3	1.4	1.1	2.1	.55	.32	2.0
17	.90	4.2	2.0	e11	1.8	2.8	1.3	1.0	1.5	.54	.32	.66
18	.90	2.2	1.4	e25	12	2.7	1.3	1.0	.90	.50	.30	.64
19	.90	1.8	1.2	e7.0	23	2.5	1.3	1.5	.80	.49	.29	.71
20	.86	1.6	1.1	5.6	e12	2.4	1.3	.98	.80	.48	5.0	.66
21	.80	1.6	1.1	4.4	6.9	7.7	1.3	.98	.80	.45	1.1	6.2
22	.76	1.4	2.1	3.8	5.4	4.5	1.3	.96	.80	.44	.61	3.1
23	.78	1.3	4.1	15	4.4	3.5	1.2	.96	.81	.43	.61	1.7
24	.74	1.3	25	35	3.8	3.1	1.2	.94	.79	1.2	.92	1.6
25	.72	1.3	13	10	3.5	3.3	1.2	.92	1.9	.55	.65	1.5
26	.71	1.3	6.2	7.0	3.2	3.2	1.2	1.1	.86	.43	.90	1.4
27	.69	1.3	4.7	5.9	3.0	2.8	3.1	.96	1.3	.41	.55	4.1
28	.64	1.3	4.2	4.9	3.5	2.6	4.1	.91	.88	.40	.52	3.0
29	.64	1.3	5.7	4.0	---	2.6	3.3	.87	.75	.38	.51	2.3
30	.64	1.3	4.1	3.5	---	2.4	16	.85	.69	.38	.48	2.2
31	.64	---	3.4	3.2	---	2.2	---	.85	---	.38	.45	---
TOTAL	44.97	51.57	102.57	233.8	150.9	99.3	70.1	41.28	31.80	24.37	19.41	53.33
MEAN	1.45	1.72	3.31	7.54	5.39	3.20	2.34	1.33	1.06	.79	.63	1.78
MAX	12	4.8	25	35	23	7.7	16	4.2	3.0	3.6	5.0	8.5
MIN	.64	.67	.76	2.8	1.8	1.9	1.2	.85	.69	.38	.29	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 1999, BY WATER YEAR (WY)

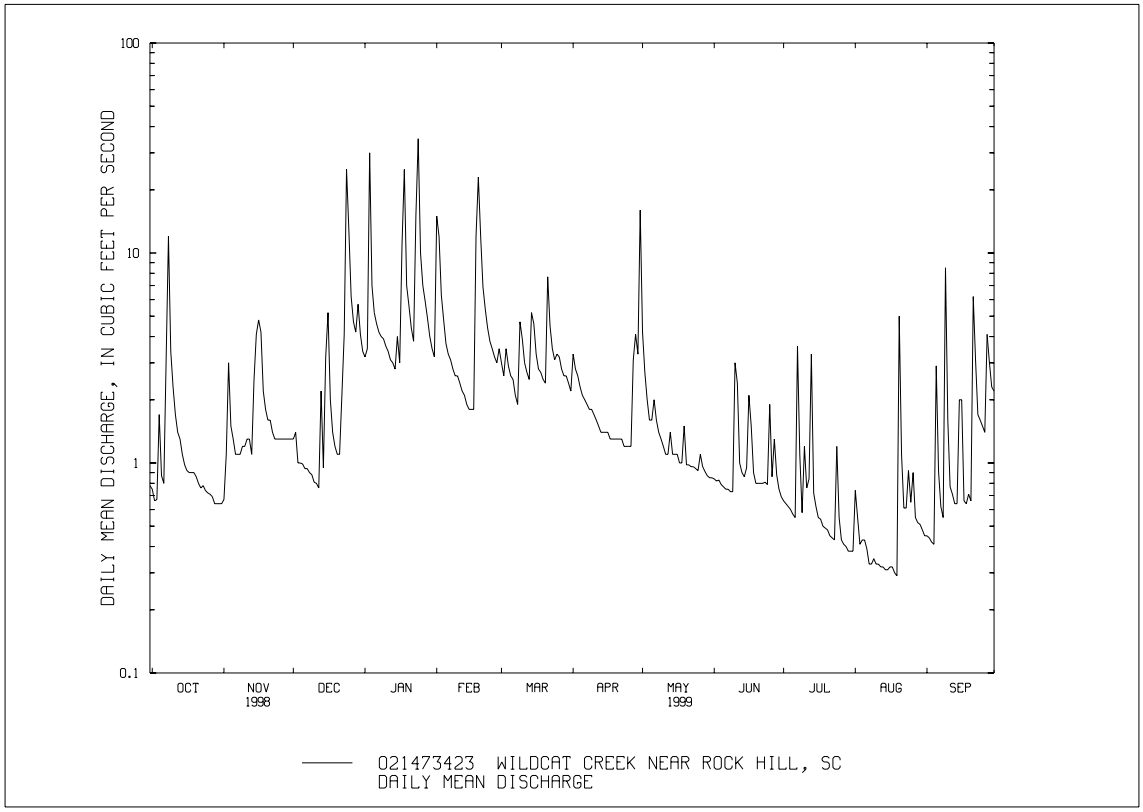
MEAN	1.45	1.72	3.31	7.54	5.39	3.20	2.34	1.33	1.06	.79	.63	1.78
MAX	1.45	1.72	3.31	7.54	5.39	3.20	2.34	1.33	1.06	.79	.63	1.78
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	1.45	1.72	3.31	7.54	5.39	3.20	2.34	1.33	1.06	.79	.63	1.78
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

021473423 WILDCAT CREEK NEAR ROCK HILL, SC--Continued

SUMMARY STATISTICS FOR 1999 WATER YEAR

ANNUAL TOTAL	923.40	
ANNUAL MEAN	2.53	
HIGHEST DAILY MEAN	35	Jan 24
LOWEST DAILY MEAN	.29	Aug 19
ANNUAL SEVEN-DAY MINIMUM	.31	Aug 13
INSTANTANEOUS PEAK FLOW	128	Jan 3
INSTANTANEOUS PEAK STAGE	4.84	Jan 3
10 PERCENT EXCEEDS	4.7	
50 PERCENT EXCEEDS	1.3	
90 PERCENT EXCEEDS	.52	

e Estimated



021473423 WILDCAT CREEK NEAR ROCKHILL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1998-September 1999 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 1998-September 1999 (discontinued).

DISSOLVED OXYGEN: August 1998-September 1999 (discontinued).

INSTRUMENTATION.--Minisonde hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.0°C, Jul. 31, Aug. 14, 18 1999; minimum, 1.5°C, Jan. 6, 1999.

DISSOLVED OXYGEN: Maximum, 14.8 mg/L, Mar. 20, 1999; minimum, 4.4 mg/L, Apr. 27, 1999.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 26.0°C, Jul. 31, Aug. 14, 18; minimum, 1.5°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 14.8 mg/L, Mar. 20; minimum, 4.4 mg/L, Apr. 27.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.0	19.5	20.5	16.5	14.0	15.0	---	---	---	8.0	4.5	6.0
2	19.5	16.5	18.0	16.0	13.5	15.0	---	---	---	6.5	3.5	5.5
3	18.0	14.5	16.5	16.0	14.0	15.5	---	---	---	7.0	3.5	5.5
4	19.5	17.5	18.5	14.5	12.5	13.5	---	---	---	6.0	4.0	5.0
5	19.5	18.5	19.0	12.5	11.0	12.0	15.0	10.5	12.5	4.5	2.5	3.5
6	19.0	18.5	18.5	11.5	10.0	11.0	16.0	12.5	14.0	5.0	1.5	3.5
7	21.0	18.0	19.0	10.5	7.5	9.0	16.5	13.0	14.5	8.5	4.5	6.0
8	20.5	19.0	20.0	11.0	8.0	9.5	17.0	14.0	15.5	9.0	6.5	7.5
9	19.0	16.5	17.5	12.5	11.0	12.0	---	---	---	10.5	7.5	8.5
10	17.0	14.5	16.0	15.5	12.5	14.0	---	---	---	8.0	4.5	6.0
11	18.0	14.5	16.5	16.0	13.5	15.5	11.5	10.0	11.0	7.5	3.0	5.0
12	18.0	15.0	16.5	13.5	11.0	12.5	10.5	10.0	10.5	---	---	---
13	18.5	15.5	17.0	12.5	11.0	11.5	10.0	9.0	9.5	---	---	---
14	18.0	15.5	17.0	13.0	12.0	12.5	11.0	8.0	10.0	---	---	---
15	17.0	14.0	15.5	14.5	12.5	13.5	8.0	6.0	7.0	---	---	---
16	16.5	13.5	15.0	15.0	12.0	13.0	10.5	7.0	8.5	---	---	---
17	17.0	13.5	15.5	16.5	13.5	15.0	9.0	6.5	7.5	---	---	---
18	17.0	13.0	15.0	13.5	11.5	12.5	8.0	4.5	6.5	---	---	---
19	18.0	14.5	16.5	14.0	10.5	12.5	10.0	6.5	8.5	---	---	---
20	18.0	16.0	17.5	16.0	14.0	15.0	12.0	8.5	10.5	11.5	7.5	9.5
21	16.0	13.5	14.5	15.0	11.0	12.5	14.0	11.0	12.0	12.0	9.0	10.5
22	13.5	11.5	13.0	11.5	8.0	10.0	15.0	10.5	13.5	14.0	10.0	12.0
23	12.5	9.5	11.0	12.5	7.5	10.0	10.5	6.5	8.0	15.5	12.5	13.5
24	13.5	9.5	11.5	---	---	---	7.0	5.5	6.5	13.5	11.0	12.5
25	14.0	10.0	12.0	13.0	11.5	12.0	8.0	7.0	7.5	12.5	9.0	10.5
26	15.0	11.0	13.0	13.5	10.5	12.0	8.0	6.0	7.0	11.5	9.0	10.0
27	15.5	12.0	13.5	12.5	8.5	10.5	8.5	5.0	6.5	12.5	8.0	10.0
28	15.5	12.0	14.0	---	---	---	9.5	6.0	7.5	13.5	9.5	11.5
29	16.5	13.0	14.5	12.5	8.5	10.5	9.0	8.0	8.5	14.5	10.5	12.0
30	16.5	13.5	15.0	---	---	---	---	---	---	12.5	11.0	12.0
31	17.0	14.5	16.0	---	---	---	---	---	---	11.0	7.5	9.0
MONTH	22.0	9.5	15.9	16.5	7.5	12.5	17.0	4.5	9.7	15.5	1.5	8.5

021473423 WILDCAT CREEK NEAR ROCKHILL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	6.5	7.5	13.0	8.0	10.0	18.5	13.0	15.5	12.0	9.5	10.5
2	10.0	8.0	9.0	13.5	6.5	9.5	21.0	12.5	16.5	13.5	10.0	12.0
3	10.5	8.5	9.5	11.0	8.0	9.5	20.5	14.0	17.0	15.0	11.0	13.0
4	13.0	9.0	10.5	11.5	5.5	8.0	23.0	16.0	18.5	16.0	11.5	13.5
5	11.5	7.0	9.0	11.5	5.0	8.0	22.5	15.0	18.0	14.5	13.0	14.0
6	13.0	7.0	9.5	15.0	7.5	10.5	16.5	14.5	15.0	15.5	14.0	14.5
7	14.0	10.0	12.0	13.0	7.5	10.0	21.0	13.5	17.0	16.5	14.0	15.5
8	14.5	10.5	12.5	9.5	5.0	7.0	20.0	14.0	17.0	19.0	14.5	16.5
9	13.5	9.0	11.0	7.5	5.0	6.0	21.0	16.5	18.5	19.0	14.5	17.0
10	15.0	11.0	12.5	11.5	6.0	8.0	21.5	16.0	18.5	19.5	16.0	17.5
11	15.5	10.0	12.5	12.0	5.5	8.5	21.5	17.0	18.5	19.0	16.0	17.5
12	16.0	10.0	13.5	12.5	5.5	8.5	19.5	14.5	17.0	18.5	17.0	17.5
13	10.0	6.0	8.0	8.0	6.0	7.0	17.5	12.0	14.5	19.0	15.5	17.5
14	9.0	4.0	6.0	7.5	6.5	7.5	15.0	11.0	13.0	18.0	15.0	16.5
15	10.0	4.0	7.0	11.0	7.5	8.5	16.0	12.5	14.0	17.0	14.0	15.5
16	11.5	5.5	8.5	13.5	5.5	9.0	17.0	13.0	14.5	18.0	14.0	16.0
17	12.5	7.5	10.0	15.0	7.0	11.0	15.5	11.5	13.0	18.5	14.5	16.5
18	13.0	10.5	11.5	17.5	9.0	13.0	14.5	9.5	12.0	18.5	16.0	17.5
19	10.5	7.5	9.0	16.0	9.5	12.5	16.0	10.5	13.0	19.5	17.5	18.5
20	---	---	---	16.0	9.5	12.5	17.0	12.0	14.5	19.0	15.5	17.0
21	10.0	6.5	9.0	13.0	10.5	12.0	17.5	12.5	15.0	19.0	15.0	17.0
22	9.0	5.0	6.5	15.0	8.5	11.0	19.0	14.0	16.5	19.5	16.0	17.5
23	7.0	5.0	5.5	16.5	8.0	12.0	19.0	14.5	17.0	20.5	17.5	19.0
24	9.5	5.0	6.5	16.0	10.5	13.0	18.5	16.0	17.5	21.0	17.5	19.5
25	9.0	5.0	7.0	15.0	11.5	13.0	17.5	15.0	16.0	19.0	15.5	17.5
26	11.0	5.0	8.0	12.0	10.0	11.0	16.0	13.5	15.0	18.0	17.0	17.5
27	12.5	7.0	9.5	15.5	9.0	11.5	17.5	15.0	16.5	19.0	16.0	17.5
28	13.5	10.0	12.0	16.5	8.0	12.0	17.5	12.5	14.5	19.0	14.5	17.0
29	---	---	---	14.5	9.5	11.5	12.5	10.0	11.5	19.5	15.5	17.5
30	---	---	---	16.5	9.5	12.5	10.0	8.5	9.0	20.0	16.5	18.0
31	---	---	---	13.0	10.5	12.0	---	---	---	20.0	16.5	18.5
MONTH	16.0	4.0	9.4	17.5	5.0	10.2	23.0	8.5	15.5	21.0	9.5	16.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.0	17.0	18.5	23.5	21.0	22.0	25.5	22.0	24.0	20.5	16.0	18.5
2	21.0	18.0	19.5	23.5	21.0	22.0	25.5	22.5	24.0	21.5	17.0	19.5
3	22.0	19.0	20.0	23.0	21.0	22.0	24.0	21.5	23.0	22.0	19.0	20.5
4	21.5	18.5	20.0	24.5	21.0	22.5	23.5	20.5	22.0	22.5	19.0	21.0
5	21.0	18.0	19.5	25.0	21.5	23.0	23.5	20.0	22.0	23.5	21.0	21.5
6	21.0	17.5	19.5	24.0	22.0	23.0	24.5	21.5	23.0	23.0	20.5	21.5
7	22.5	18.5	20.5	25.5	21.5	23.0	24.5	21.0	23.0	23.5	21.0	22.0
8	22.5	19.0	20.5	24.0	21.5	22.5	25.0	22.5	23.5	24.0	21.0	22.5
9	23.0	19.5	21.0	25.0	22.0	23.0	24.0	22.0	23.0	23.5	21.5	22.5
10	23.0	20.0	21.5	25.0	22.0	23.0	24.0	21.0	22.5	22.5	20.0	21.5
11	22.0	20.0	21.0	22.5	20.0	21.5	25.0	22.0	23.5	21.5	18.0	19.5
12	21.5	19.5	20.5	20.0	18.5	19.0	25.0	22.0	23.5	20.5	17.0	19.0
13	21.5	18.0	19.5	18.5	18.0	18.0	25.5	22.5	24.0	20.5	17.5	19.0
14	22.0	18.5	20.5	19.5	18.5	19.0	26.0	23.5	24.5	21.0	17.5	19.5
15	21.0	20.0	20.5	21.5	19.0	20.0	24.5	22.5	23.5	20.5	19.5	20.5
16	20.0	19.5	19.5	22.0	19.5	21.0	25.0	22.5	23.5	20.0	18.0	19.0
17	20.5	19.0	19.5	22.5	20.5	21.5	25.0	22.5	24.0	19.0	16.0	17.5
18	20.5	18.0	19.0	23.5	21.0	22.0	26.0	22.5	24.5	18.5	15.5	17.0
19	19.5	16.5	18.0	24.5	21.0	22.5	25.0	23.0	24.0	19.0	16.0	17.5
20	18.0	17.0	17.5	24.5	21.5	23.0	24.5	22.0	23.5	19.0	16.5	18.0
21	18.0	16.5	17.5	24.5	22.0	23.0	23.5	21.0	22.0	21.0	18.0	19.0
22	19.0	17.5	18.0	25.0	22.5	23.5	23.0	20.0	21.5	19.0	15.0	17.0
23	19.5	17.0	18.5	25.5	23.0	24.0	23.0	21.0	22.0	16.5	13.0	15.0
24	19.5	17.5	18.5	25.5	23.0	24.5	23.0	22.0	22.0	17.0	13.0	15.5
25	20.5	18.5	19.5	25.5	22.5	24.0	23.5	22.0	22.5	18.5	15.0	17.0
26	22.0	19.5	20.5	25.0	21.5	23.0	24.5	22.5	23.5	20.0	17.0	18.5
27	22.5	20.5	21.5	24.5	22.5	23.0	24.0	21.5	23.0	21.5	19.5	20.5
28	23.5	21.0	22.0	25.0	22.0	23.5	24.0	21.5	23.0	21.0	20.0	20.5
29	23.5	21.5	22.5	25.5	22.5	24.0	23.5	22.0	22.5	21.5	20.5	21.0
30	22.5	21.0	21.5	25.0	22.0	23.5	22.5	19.5	21.5	21.0	16.0	18.0
31	---	---	---	26.0	22.5	24.0	20.0	17.5	19.0	---	---	---
MONTH	23.5	16.5	19.9	26.0	18.0	22.4	26.0	17.5	22.9	24.0	13.0	19.3
YEAR	26.0	1.5	15.6									

021473423 WILDCAT CREEK NEAR ROCKHILL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.9	6.1	6.6	8.4	6.9	7.7	---	---	---	---	---	---
2	8.3	6.9	7.8	8.6	6.3	7.8	---	---	---	---	---	---
3	9.2	7.5	8.4	7.1	5.3	6.1	---	---	---	---	---	---
4	8.0	6.8	7.3	8.4	7.1	7.9	---	---	---	---	---	---
5	7.4	6.8	7.2	9.5	8.3	8.9	---	---	---	---	---	---
6	7.7	7.0	7.4	10.3	9.0	9.5	---	---	---	---	---	---
7	7.6	6.3	7.2	12.1	10.0	10.9	---	---	---	---	---	---
8	7.3	6.4	6.9	11.8	9.3	10.8	---	---	---	---	---	---
9	8.2	6.9	7.6	9.6	8.1	9.0	---	---	---	---	---	---
10	9.2	8.0	8.5	8.4	5.8	7.6	---	---	---	---	---	---
11	9.2	7.4	8.3	7.5	6.0	6.4	---	---	---	---	---	---
12	8.5	7.1	7.9	9.3	7.4	8.5	---	---	---	---	---	---
13	8.6	7.2	7.9	9.6	8.5	9.0	---	---	---	---	---	---
14	8.6	7.5	8.1	8.7	7.3	8.2	---	---	---	---	---	---
15	9.4	8.1	8.8	7.8	6.8	7.4	---	---	---	---	---	---
16	9.7	8.3	9.0	8.1	6.5	7.4	---	---	---	---	---	---
17	9.6	8.1	8.8	7.2	5.8	6.5	---	---	---	---	---	---
18	9.9	7.9	8.8	8.6	7.2	7.9	---	---	---	---	---	---
19	9.0	6.9	8.1	9.1	6.6	8.0	---	---	---	---	---	---
20	8.3	7.3	7.5	7.2	5.8	6.6	---	---	---	12.1	9.3	10.8
21	9.5	8.3	9.0	9.0	6.1	8.0	---	---	---	10.8	8.9	9.9
22	10.5	9.4	9.9	10.9	8.4	9.7	---	---	---	10.1	8.1	9.2
23	11.9	10.0	10.9	11.4	8.3	10.0	---	---	---	8.7	7.0	8.1
24	12.1	9.4	10.8	8.6	6.3	7.7	---	---	---	9.7	8.3	8.7
25	11.6	8.6	10.2	9.2	7.5	8.4	---	---	---	11.1	9.2	10.0
26	10.7	8.5	9.6	9.3	7.6	8.4	---	---	---	11.4	9.8	10.6
27	10.1	7.8	9.2	11.0	8.3	9.6	---	---	---	12.0	9.2	10.6
28	9.9	7.3	8.7	---	---	---	---	---	---	11.1	8.5	9.8
29	9.1	7.1	8.2	11.0	7.8	9.5	---	---	---	10.4	8.3	9.3
30	9.0	7.1	8.1	10.6	7.2	8.9	---	---	---	10.2	8.9	9.6
31	8.2	6.6	7.6	---	---	---	---	---	---	13.1	10.2	12.0
MONTH	12.1	6.1	8.4	12.1	5.3	8.4	---	---	---	13.1	7.0	9.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.7	12.9	13.3	11.7	10.0	10.7	11.9	7.1	8.7	8.0	7.0	7.6
2	12.9	11.1	11.9	12.1	9.8	10.9	12.6	6.6	9.1	7.9	6.8	7.4
3	12.3	11.0	11.7	11.2	9.9	10.3	12.5	6.5	8.7	7.7	6.2	6.9
4	11.9	9.5	10.8	12.4	10.4	11.2	12.1	6.0	8.5	7.3	6.2	6.7
5	13.7	10.7	12.2	12.8	10.2	11.4	12.4	6.3	8.4	6.9	5.6	6.4
6	13.8	9.9	11.8	12.2	9.2	10.6	10.6	6.7	8.5	6.2	5.7	6.0
7	11.2	9.0	10.1	12.5	9.4	10.9	11.4	6.4	8.5	6.7	5.8	6.2
8	11.1	9.3	10.1	13.6	10.6	11.9	10.9	6.3	7.9	6.8	5.2	6.2
9	12.4	9.9	11.1	11.8	10.7	11.2	9.7	5.9	7.4	6.5	5.3	5.9
10	10.9	9.4	10.0	12.2	10.0	11.0	9.4	6.0	7.2	7.8	5.7	6.6
11	12.1	9.0	10.6	12.5	9.9	11.1	8.6	5.8	7.0	7.8	6.6	7.2
12	10.5	9.4	9.9	12.6	9.9	11.1	8.8	6.5	7.4	8.1	6.7	7.2
13	12.0	10.3	11.3	12.9	10.3	11.4	9.4	6.9	8.1	7.8	5.0	6.8
14	12.8	11.3	11.9	11.1	10.1	10.5	9.6	7.6	8.5	7.6	5.7	7.0
15	12.8	10.8	11.8	11.7	9.8	10.6	8.5	6.9	7.7	8.5	7.1	7.8
16	12.6	10.4	11.5	12.4	9.3	10.8	8.8	7.2	7.9	8.2	7.0	7.7
17	12.4	9.9	11.1	12.2	8.2	10.2	9.4	7.7	8.4	8.2	7.0	7.6
18	10.5	9.9	10.3	12.2	8.0	9.6	9.9	7.9	8.9	8.3	7.0	7.5
19	11.5	10.3	10.9	12.9	8.3	10.2	9.8	6.7	8.4	7.1	5.8	6.7
20	---	---	---	14.8	7.9	10.6	8.4	6.0	7.2	7.8	6.9	7.3
21	11.9	11.0	11.3	9.2	8.0	8.6	8.3	5.6	6.8	8.0	7.1	7.5
22	12.6	11.7	12.1	10.5	8.6	9.4	7.7	5.1	6.3	8.1	6.9	7.5
23	12.8	12.2	12.5	11.0	8.1	9.5	7.2	4.8	5.8	7.9	6.6	7.2
24	12.9	11.8	12.4	11.5	7.6	9.3	7.0	4.9	5.7	7.6	6.3	6.9
25	13.0	11.6	12.4	12.1	7.5	9.1	7.3	5.5	6.1	8.1	6.6	7.2
26	13.7	11.0	12.2	12.4	7.9	9.7	7.3	5.7	6.3	7.1	6.3	6.7
27	12.3	10.0	11.2	12.8	8.2	10.1	7.0	4.4	5.8	7.7	6.2	7.0
28	11.0	9.6	10.0	13.1	7.8	10.1	6.8	5.2	6.0	8.0	6.4	7.2
29	---	---	---	13.6	8.0	10.1	8.1	6.8	7.3	7.8	6.3	7.0
30	---	---	---	13.7	7.8	10.2	8.9	7.6	8.3	7.7	6.1	6.9
31	---	---	---	12.7	7.7	9.6	---	---	---	7.7	5.9	6.9
MONTH	13.8	9.0	11.3	14.8	7.5	10.4	12.6	4.4	7.6	8.5	5.0	7.0

021473423 WILDCAT CREEK NEAR ROCKHILL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	6.4	7.0	7.7	7.1	7.3	7.5	5.7	6.8	8.6	7.2	8.0
2	9.7	6.6	7.8	7.8	7.1	7.4	7.7	5.9	6.8	8.4	6.5	7.6
3	9.2	7.5	8.3	7.7	7.0	7.3	7.9	6.5	7.0	8.2	6.7	7.4
4	9.3	7.8	8.5	7.9	6.7	7.3	8.1	6.6	7.1	8.2	6.5	7.3
5	8.9	7.8	8.5	7.8	6.7	7.1	8.2	6.5	7.2	7.4	6.5	6.9
6	9.6	8.0	8.7	7.9	6.8	7.1	8.0	6.4	7.0	6.9	6.2	6.6
7	9.1	7.9	8.4	8.1	6.6	7.2	8.1	5.9	7.0	7.0	6.3	6.6
8	9.2	7.9	8.6	7.1	6.8	7.0	8.1	6.1	6.8	7.1	6.1	6.6
9	8.8	7.5	8.2	7.2	6.7	6.9	7.7	5.8	6.6	7.2	6.4	6.8
10	10.2	7.8	8.4	7.2	5.9	6.8	8.1	6.3	6.9	7.0	6.5	6.8
11	---	---	---	7.3	6.8	7.0	7.9	6.1	6.8	7.7	6.8	7.2
12	---	---	---	7.6	7.3	7.5	7.9	6.1	6.7	8.1	7.1	7.6
13	---	---	---	8.1	7.5	8.0	7.5	6.1	6.6	8.1	7.2	7.6
14	---	---	---	8.4	7.8	8.2	7.5	6.0	6.5	8.1	6.9	7.6
15	---	---	---	8.2	7.5	7.9	7.6	6.0	6.7	7.4	6.1	7.0
16	---	---	---	8.0	7.4	7.7	7.6	6.2	6.7	7.4	6.6	7.1
17	8.6	7.3	7.9	8.0	7.3	7.6	7.6	6.1	6.7	8.3	7.3	7.7
18	8.2	7.4	7.8	8.1	7.2	7.6	8.6	6.2	7.0	8.3	6.9	7.7
19	8.4	7.6	8.0	8.5	7.0	7.6	8.4	6.5	7.3	8.1	7.1	7.6
20	8.9	7.8	8.4	8.5	6.9	7.5	7.5	6.2	7.0	8.0	5.7	7.2
21	9.6	8.0	9.0	8.5	6.4	7.3	6.4	5.7	6.0	7.5	5.8	6.7
22	9.5	8.1	8.7	8.4	6.3	7.0	6.9	5.9	6.4	7.9	7.0	7.4
23	9.8	8.0	8.9	8.4	6.2	6.9	6.8	6.4	6.7	8.6	7.4	8.0
24	9.0	7.7	8.3	8.2	5.7	6.6	7.0	6.0	6.8	8.7	7.1	7.8
25	7.9	7.4	7.6	6.6	6.0	6.3	6.7	5.8	6.3	8.0	6.9	7.4
26	8.1	7.4	7.7	7.1	6.2	6.6	6.5	5.8	6.1	7.3	6.0	6.7
27	8.0	7.1	7.5	7.3	6.3	6.8	7.1	6.3	6.7	6.8	6.1	6.3
28	7.6	7.1	7.3	7.7	6.2	6.8	7.5	6.6	7.0	6.9	6.0	6.3
29	7.6	6.7	7.2	7.8	6.2	6.7	7.4	6.4	6.9	6.2	5.7	5.9
30	7.7	6.7	7.3	7.8	5.9	6.7	7.8	6.6	7.1	7.7	5.8	6.8
31	---	---	---	8.1	6.1	6.7	8.7	7.2	7.9	---	---	---
MONTH	10.2	6.4	8.1	8.5	5.7	7.2	8.7	5.7	6.8	8.7	5.7	7.1
YEAR	14.8	4.4	8.3									

021473426 TOOLS FORK CREEK NEAR ROCK HILL, SC

LOCATION.--Lat 34°55'49'', long 81°05'09'', York County, Hydrologic Unit 03050103, at upstream side of bridge on State Highway 5, 7.2 mi east of York, and 3.0 mi west of Rock Hill.

DRAINAGE AREA.--9.60 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 558 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.0	2.2	4.5	27	5.4	4.0	9.3	1.2	1.2	.28	.14
2	1.8	2.2	2.0	4.4	35	4.8	7.2	5.5	1.1	1.0	.26	.14
3	1.6	5.1	2.2	66	11	5.7	5.9	4.1	1.0	.92	.24	.13
4	3.1	3.6	1.7	10	8.6	5.6	4.9	3.4	.92	.82	.21	.12
5	2.5	3.1	1.9	7.3	7.0	4.9	4.6	3.4	.82	.68	.21	.22
6	2.2	3.2	1.7	6.3	6.5	4.8	4.0	e3.8	.82	.62	.20	.27
7	4.1	3.0	1.9	5.9	6.0	4.4	3.8	e4.4	.78	.74	.19	.24
8	15	3.3	1.7	5.7	5.5	4.3	3.8	e3.6	.75	.87	.19	.17
9	4.3	3.2	1.7	5.6	e5.4	6.0	3.6	e3.2	.68	.61	.20	.63
10	2.8	3.4	1.8	4.9	e5.5	7.2	3.5	e2.5	1.2	1.2	.18	.43
11	2.4	3.7	1.5	4.6	5.2	7.4	3.4	e2.4	4.0	1.1	.19	.19
12	2.3	3.2	1.8	4.3	5.1	5.9	3.4	e2.3	1.4	.96	.18	.17
13	2.1	3.2	2.5	4.1	4.7	5.2	3.1	e2.3	1.2	2.5	.17	.17
14	2.0	4.1	2.4	4.1	4.7	4.7	3.0	2.3	1.0	1.2	.17	.16
15	1.6	6.7	2.9	7.6	4.7	8.4	3.2	2.4	1.3	.94	.17	.18
16	1.6	6.0	7.4	5.7	4.7	e11	3.7	2.3	3.5	.74	.17	.37
17	1.9	8.7	3.5	30	4.7	e6.0	3.7	2.2	3.4	.60	.17	.17
18	2.3	3.7	2.9	47	16	e5.8	3.0	1.9	1.7	.54	.16	.16
19	1.7	3.2	2.6	10	52	5.5	2.9	2.4	1.2	.49	.14	.16
20	1.8	2.8	2.6	7.5	24	4.8	2.9	1.9	1.2	.43	.37	.16
21	1.9	2.9	2.4	6.6	11	4.9	2.9	1.7	1.4	.41	.50	.43
22	1.6	2.5	2.4	6.1	8.0	7.0	2.7	1.7	1.3	.37	.20	.91
23	1.9	2.3	4.7	42	6.9	5.5	2.5	1.6	1.2	.33	.19	.23
24	1.6	2.3	58	105	6.5	5.2	2.4	1.5	1.1	.34	.23	.20
25	1.8	2.2	22	17	6.1	4.3	e2.3	1.5	3.4	.45	.27	.19
26	1.8	2.3	7.7	10	5.8	4.5	e2.4	1.8	3.6	.33	.22	.18
27	1.9	2.3	5.2	8.2	5.7	5.2	5.7	1.8	2.9	.30	.20	.73
28	1.9	2.2	5.3	7.4	5.9	4.2	8.2	1.5	3.3	.29	.18	1.3
29	1.7	2.3	8.9	6.8	---	4.0	5.0	1.3	1.7	.27	.16	.85
30	1.8	2.0	6.9	6.4	---	4.0	31	1.3	1.4	.26	.15	.69
31	1.9	---	5.4	5.5	---	3.9	---	1.2	---	.34	.14	---
MEAN	2.55	3.36	5.74	15.0	10.7	5.50	4.76	2.66	1.68	.70	.21	.34
MAX	15	8.7	58	105	52	11	31	9.3	4.0	2.5	.50	1.3
MIN	1.6	2.0	1.5	4.1	4.7	3.9	2.3	1.2	.68	.26	.14	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 1999, BY WATER YEAR (WY)

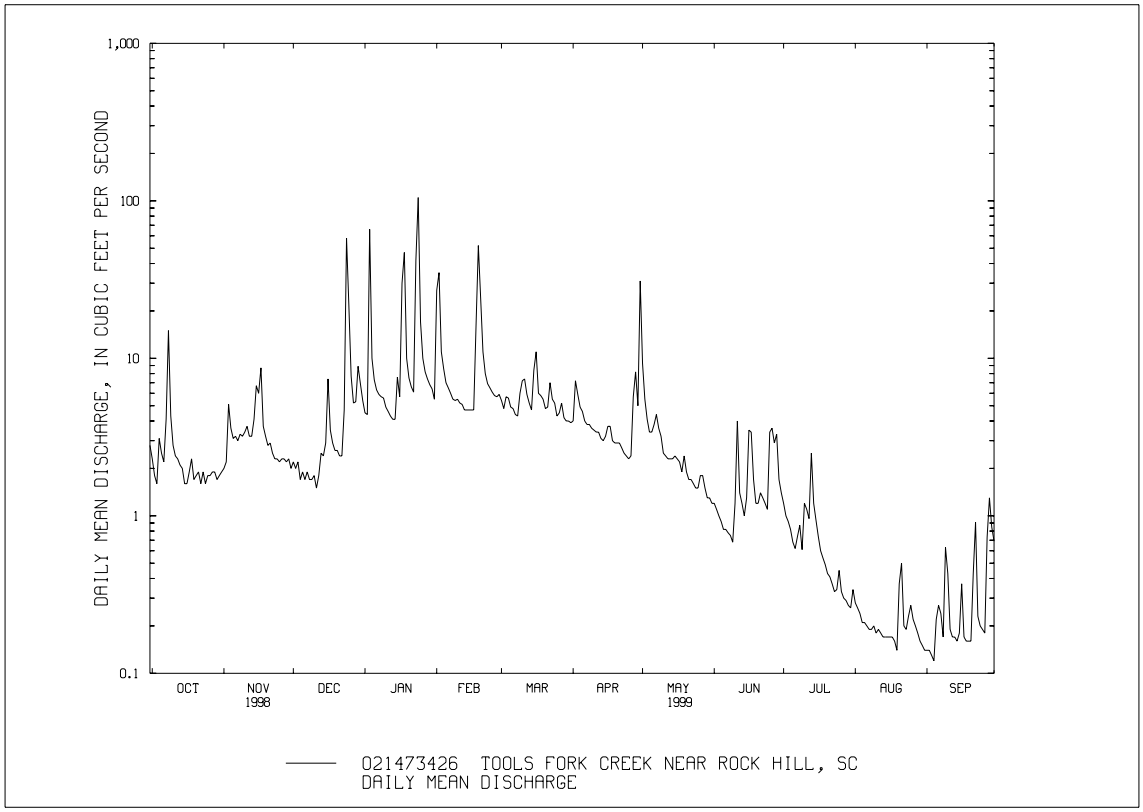
MEAN	2.55	3.36	5.74	15.0	10.7	5.50	4.76	2.66	1.68	.70	.21	.34
MAX	2.55	3.36	5.74	15.0	10.7	5.50	4.76	2.66	1.68	.70	.21	.34
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	2.55	3.36	5.74	15.0	10.7	5.50	4.76	2.66	1.68	.70	.21	.34
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

021473426 TOOLS FORK CREEK NEAR ROCK HILL, SC--Continued

SUMMARY STATISTICS FOR 1999 WATER YEAR

ANNUAL MEAN	4.41	
HIGHEST DAILY MEAN	105	Jan 24
LOWEST DAILY MEAN	.12	Sep 4
ANNUAL SEVEN-DAY MINIMUM	.14	Aug 29
INSTANTANEOUS PEAK FLOW	204	Jan 24
INSTANTANEOUS PEAK STAGE	5.81	Jan 24
10 PERCENT EXCEEDS	7.2	
50 PERCENT EXCEEDS	2.4	
90 PERCENT EXCEEDS	.20	

e Estimated



021473426 TOOLS FORK CREEK NEAR ROCKHILL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1998-September 1999 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 1998-September 1999 (discontinued).

DISSOLVED OXYGEN: August 1998-September 1999 (discontinued).

INSTRUMENTATION.--Minisonde Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 30.0°C, Aug. 13, 14, 1999; minimum, 0.5°C, Jan. 6, 1999.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 6, 1999; minimum, 4.5 mg/L, May 19-20, Sep. 29, 1999.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.0°C, Aug. 13, 14; minimum, 0.5°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 6; minimum, 4.5 mg/L, May 19-20, Sep. 29.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	20.0	21.5	16.0	12.5	14.5	13.5	10.0	11.0	6.5	3.5	5.0
2	20.0	16.5	18.0	15.5	12.5	14.0	11.5	8.0	10.0	5.5	4.0	4.5
3	18.5	14.5	17.0	15.5	13.5	14.5	13.0	8.0	10.5	6.0	3.5	5.0
4	20.0	18.0	19.0	13.5	12.0	13.0	13.0	9.0	11.0	4.5	3.0	4.0
5	21.0	19.5	20.0	12.5	10.5	11.5	13.5	9.0	11.5	3.0	1.5	2.5
6	20.0	19.0	19.5	11.5	9.0	10.5	15.5	11.5	13.5	4.0	0.5	2.5
7	21.0	19.0	20.0	10.0	6.5	8.5	16.0	12.0	14.0	6.5	3.5	5.0
8	21.5	20.0	21.0	10.0	7.0	9.0	16.5	13.5	15.0	8.0	5.0	6.5
9	20.0	17.0	18.5	12.5	10.0	11.5	16.0	11.0	14.5	9.0	6.0	7.5
10	18.0	15.0	16.5	15.5	12.0	14.0	11.0	7.5	9.5	7.0	3.5	5.0
11	18.0	14.5	16.5	16.0	12.5	15.5	11.0	9.5	10.0	5.5	2.5	4.0
12	18.0	15.0	16.5	12.5	10.0	11.5	10.0	9.5	10.0	7.5	4.5	6.0
13	18.0	15.0	16.5	12.5	10.0	11.0	9.5	9.0	9.0	8.0	4.5	6.5
14	18.0	15.0	16.5	12.5	11.0	12.0	10.0	7.5	9.0	11.0	8.0	9.5
15	16.5	13.5	15.0	14.0	12.0	13.0	7.5	5.0	6.5	11.0	7.0	9.5
16	16.5	13.0	15.0	13.5	11.5	12.5	9.5	6.5	8.0	8.0	4.5	6.5
17	16.5	13.0	15.0	15.5	13.0	14.5	8.0	6.0	7.0	8.5	4.5	6.5
18	16.5	12.5	14.5	13.0	11.0	12.0	6.5	3.5	5.5	11.0	8.5	9.5
19	18.0	14.0	16.0	13.5	10.0	12.0	9.0	5.5	7.5	9.5	6.5	8.0
20	18.5	15.5	17.5	15.5	13.5	14.5	11.0	8.0	9.5	10.5	6.5	8.5
21	15.5	12.5	14.0	14.5	10.0	11.5	13.0	10.5	11.5	10.5	8.0	9.5
22	13.5	10.5	12.0	10.5	7.5	9.0	14.0	10.0	12.5	12.5	9.0	10.5
23	12.0	8.5	10.5	12.0	7.0	9.5	10.0	6.0	7.5	14.0	11.5	12.5
24	13.0	8.5	10.5	14.5	11.5	13.0	6.5	5.5	6.0	14.0	11.0	12.5
25	13.5	9.0	11.5	12.5	10.5	11.5	7.5	6.0	6.5	12.0	8.5	10.0
26	14.5	10.0	12.5	13.0	10.0	11.5	7.5	5.5	6.5	10.5	8.0	9.5
27	15.0	11.0	13.0	11.5	7.5	9.5	7.0	4.0	5.5	11.5	7.5	9.5
28	15.0	11.0	13.5	11.5	7.5	9.5	8.0	5.0	6.5	12.5	9.0	11.0
29	16.0	12.5	14.0	11.5	7.5	9.5	8.0	7.5	7.5	13.5	9.5	11.5
30	16.0	12.5	14.5	13.0	8.5	10.5	8.0	5.5	7.0	12.5	9.5	11.5
31	17.0	13.5	15.0	---	---	---	6.5	5.0	5.5	9.5	5.0	6.5
MONTH	23.0	8.5	15.8	16.0	6.5	11.8	16.5	3.5	9.2	14.0	0.5	7.6

021473426 TOOLS FORK CREEK NEAR ROCKHILL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.0	4.5	6.0	11.5	7.0	9.0	12.5	10.0	11.5	13.5	11.0	12.5
2	9.0	7.0	8.0	11.5	5.5	8.5	17.5	12.0	14.5	16.0	11.5	13.5
3	9.5	7.5	8.5	10.0	7.0	9.0	19.5	12.0	16.0	---	---	---
4	12.0	8.0	10.0	9.5	5.0	7.0	19.5	13.5	16.5	---	---	---
5	10.5	6.0	8.5	9.5	4.0	7.0	22.0	15.5	18.5	16.0	14.0	15.5
6	11.5	6.0	8.5	12.5	6.5	9.5	21.5	15.0	18.0	---	---	---
7	13.5	9.0	11.0	11.5	7.0	9.0	16.5	14.0	15.0	---	---	---
8	13.5	8.5	11.0	8.0	4.5	6.5	21.0	13.5	16.5	---	---	---
9	---	---	---	7.5	4.5	6.0	20.0	13.5	17.0	---	---	---
10	---	---	---	6.5	4.5	5.5	21.0	16.5	18.5	---	---	---
11	14.0	9.0	11.5	10.0	5.5	7.0	21.5	16.0	18.5	---	---	---
12	15.0	9.5	12.5	10.5	4.5	7.5	22.0	17.0	19.0	---	---	---
13	9.5	5.5	7.5	11.0	4.5	7.5	20.0	14.5	17.0	---	---	---
14	7.0	3.0	5.0	7.0	5.0	6.5	18.0	11.5	14.5	17.5	14.5	16.0
15	8.5	3.0	6.0	7.0	6.0	6.5	15.0	10.5	13.0	17.0	13.5	15.0
16	9.5	4.5	7.5	---	---	---	15.5	12.5	14.0	18.0	13.5	15.5
17	11.0	6.5	9.0	---	---	---	16.5	13.0	14.5	18.5	13.5	16.0
18	12.5	10.0	11.0	---	---	---	---	---	---	18.5	15.0	17.0
19	10.0	6.5	8.5	16.0	8.5	12.0	---	---	---	19.5	16.5	18.0
20	10.5	7.0	8.5	14.5	8.5	11.5	16.5	10.0	13.0	19.0	14.5	17.0
21	9.0	6.0	8.5	14.5	8.5	11.5	18.0	12.0	15.0	21.5	14.0	17.0
22	7.5	4.0	5.5	12.0	10.0	11.5	20.0	13.5	17.0	22.0	15.0	18.0
23	6.0	4.0	5.0	13.5	7.5	10.5	20.0	14.5	17.5	23.5	16.5	20.0
24	7.5	4.0	5.5	14.5	7.0	11.0	19.5	16.5	18.0	21.5	17.5	20.0
25	8.0	4.0	5.5	15.0	9.5	12.5	---	---	---	19.5	15.0	17.5
26	9.0	4.0	6.5	14.0	10.5	12.5	---	---	---	18.0	16.5	17.5
27	11.0	6.0	8.5	11.5	9.5	11.0	18.5	15.0	17.0	19.0	15.0	17.0
28	13.0	9.5	11.0	14.5	8.0	11.0	17.5	13.0	15.0	18.5	14.0	16.5
29	---	---	---	15.0	7.0	11.0	13.0	10.5	12.0	20.0	14.5	17.0
30	---	---	---	13.5	9.0	11.0	12.0	10.0	11.0	20.0	15.5	18.0
31	---	---	---	15.5	8.5	12.0	---	---	---	20.0	16.0	18.0
MONTH	15.0	3.0	8.2	16.0	4.0	9.3	22.0	10.0	15.7	23.5	11.0	16.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.5	16.5	18.5	24.0	21.5	22.5	28.0	22.0	25.0	22.5	15.0	18.5
2	21.5	17.5	19.5	26.5	21.0	23.0	27.5	23.0	24.5	23.5	16.0	19.5
3	22.0	19.0	20.5	26.5	21.0	23.0	26.5	20.0	23.0	24.0	18.0	20.5
4	23.5	18.0	20.0	28.0	20.5	24.0	26.5	18.5	22.0	24.0	18.0	21.0
5	24.0	16.5	19.5	29.0	21.5	24.5	27.0	19.0	22.5	21.5	20.5	20.5
6	24.0	15.5	19.5	27.0	21.5	24.0	28.0	21.0	24.0	23.0	20.5	21.5
7	25.5	17.0	21.0	26.5	21.5	23.0	28.5	20.5	24.0	23.5	20.5	22.0
8	25.5	17.5	21.5	26.5	20.5	23.5	28.5	21.5	25.0	25.0	20.5	22.5
9	26.0	17.5	22.0	28.5	21.5	24.5	26.5	21.0	24.0	24.5	21.5	22.5
10	26.0	19.0	22.5	26.5	21.5	23.5	27.5	20.5	24.0	23.0	19.5	21.5
11	21.5	20.0	20.5	22.5	19.0	21.5	28.0	21.0	24.5	22.0	17.0	19.5
12	22.0	19.0	20.5	19.5	18.0	19.0	29.0	20.5	24.5	21.5	16.5	19.0
13	22.0	17.5	19.5	18.5	17.5	18.0	30.0	21.5	25.0	21.5	16.0	18.5
14	24.0	18.0	20.5	20.0	18.0	19.0	30.0	23.0	26.0	22.0	16.5	19.5
15	21.5	20.0	21.0	22.5	19.0	20.5	27.5	22.5	24.5	21.0	19.0	20.0
16	20.0	19.0	19.5	24.5	19.5	21.5	28.5	21.5	24.5	20.0	17.0	19.0
17	21.0	19.0	20.0	25.0	20.5	22.5	28.5	21.5	25.0	20.0	14.5	17.0
18	21.0	18.0	19.0	26.5	21.0	23.0	27.5	21.0	24.5	19.5	13.5	16.5
19	20.0	16.0	18.0	28.0	20.5	23.5	27.5	22.5	24.5	20.0	14.5	17.0
20	18.0	17.0	17.5	27.0	21.0	24.0	24.0	22.0	23.0	20.0	15.0	17.5
21	18.5	16.5	17.5	27.5	21.5	24.0	24.0	21.0	22.5	20.0	17.0	18.5
22	19.0	17.5	18.0	28.5	23.0	25.0	24.0	19.0	21.5	18.0	14.0	16.5
23	20.0	17.0	18.5	29.0	23.0	25.5	24.0	20.5	22.0	16.5	11.5	14.0
24	20.0	17.0	18.5	28.5	23.0	25.0	22.5	21.5	22.0	17.0	11.5	14.5
25	20.0	18.5	19.5	26.0	22.5	24.0	24.5	21.5	22.5	19.0	13.5	16.0
26	22.5	20.0	21.0	27.5	20.5	23.5	25.5	22.0	23.5	20.0	16.0	18.0
27	22.0	20.5	21.5	26.5	21.5	24.0	25.0	21.5	23.0	20.0	19.0	19.5
28	24.0	21.5	22.5	28.0	21.0	24.0	25.5	21.0	23.0	21.0	19.5	20.5
29	24.0	22.0	22.5	28.5	22.0	25.0	24.5	21.5	23.0	21.5	20.0	21.0
30	23.5	21.5	22.0	29.5	20.5	25.0	24.5	19.0	22.0	21.0	15.0	18.0
31	---	---	---	28.5	23.5	25.0	21.5	17.0	19.0	---	---	---
MONTH	26.0	15.5	20.1	29.5	17.5	23.2	30.0	17.0	23.5	25.0	11.5	19.0
YEAR	30.0	0.5	15.1									

021473426 TOOLS FORK CREEK NEAR ROCKHILL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.2	5.7	6.0	7.8	6.9	7.3	9.9	9.1	9.5	13.2	12.2	12.7
2	7.1	6.0	6.7	8.5	7.0	7.6	10.5	9.5	9.9	13.0	12.4	12.8
3	7.6	6.7	7.2	7.1	6.7	6.9	10.4	9.1	9.7	---	---	---
4	6.7	6.1	6.4	7.6	7.0	7.4	10.2	9.1	9.6	---	---	---
5	6.6	6.3	6.5	8.4	7.6	7.9	10.0	8.8	9.4	---	---	---
6	7.0	6.6	6.8	9.0	8.4	8.6	9.6	8.4	8.9	13.6	11.3	12.5
7	6.9	5.8	6.6	9.9	9.0	9.4	9.6	8.2	8.9	11.6	9.8	10.8
8	6.4	6.0	6.1	9.7	8.6	9.3	9.3	8.0	8.5	10.3	8.8	9.7
9	7.1	6.4	6.8	8.8	8.3	8.6	9.5	8.0	8.7	10.4	7.5	8.8
10	7.6	7.0	7.3	8.3	7.4	7.8	10.4	9.2	9.9	12.5	10.4	11.8
11	8.0	7.3	7.6	8.0	7.1	7.3	10.5	9.5	9.8	12.8	11.2	12.1
12	8.2	7.5	7.8	8.9	8.0	8.5	10.2	9.5	9.7	11.9	10.5	11.3
13	8.1	7.4	7.8	9.0	8.4	8.7	10.0	9.5	9.7	11.9	10.1	11.0
14	8.0	7.4	7.8	8.5	7.9	8.2	10.3	9.5	9.9	10.3	8.3	9.3
15	8.5	7.8	8.2	8.1	7.7	7.9	11.6	10.2	10.9	9.9	8.5	9.3
16	8.6	7.9	8.2	8.3	6.9	8.0	10.3	9.6	10.0	10.1	8.7	9.5
17	8.5	7.6	8.1	8.3	6.8	7.7	10.8	10.0	10.5	---	---	---
18	8.6	7.2	7.9	8.9	8.3	8.6	11.7	10.7	11.0	---	---	---
19	8.3	7.2	7.8	9.1	8.2	8.6	11.0	9.7	10.4	---	---	---
20	7.7	7.1	7.3	8.2	7.8	8.0	10.4	9.3	9.8	12.2	11.0	11.7
21	8.7	7.7	8.2	9.1	7.9	8.6	9.9	8.8	9.3	11.7	11.1	11.4
22	9.2	8.6	8.9	10.0	8.8	9.4	9.1	8.5	8.8	11.4	10.6	11.1
23	9.7	8.6	9.2	10.3	9.4	9.9	10.6	9.1	10.1	---	---	---
24	9.6	8.4	9.1	9.5	8.4	9.1	10.3	9.7	10.0	---	---	---
25	9.4	8.3	8.9	9.7	9.1	9.4	10.1	9.6	9.8	---	---	---
26	9.0	7.9	8.5	9.8	9.0	9.4	10.1	9.7	10.0	---	---	---
27	9.0	7.9	8.4	10.5	9.5	9.9	10.8	9.6	10.2	---	---	---
28	8.7	7.6	8.1	10.6	9.5	10.0	11.7	9.8	10.8	11.3	10.4	10.9
29	8.2	7.3	7.7	10.5	9.4	9.9	11.5	11.4	11.4	11.0	10.2	10.6
30	8.1	7.1	7.6	10.4	9.2	9.8	12.4	11.4	11.8	11.4	10.4	10.7
31	7.7	6.9	7.3	---	---	---	12.6	12.0	12.3	13.0	11.3	12.5
MONTH	9.7	5.7	7.6	10.6	6.7	8.6	12.6	8.0	10.0	13.6	7.5	11.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.3	11.3	12.2	11.9	11.0	11.4	11.2	8.9	9.8	---	---	---
2	11.3	10.8	11.0	12.3	10.9	11.6	10.0	8.4	9.0	---	---	---
3	11.2	10.7	11.0	11.5	11.0	11.2	10.2	8.0	9.1	---	---	---
4	11.0	10.0	10.6	12.4	11.3	11.8	10.4	7.9	8.9	---	---	---
5	11.7	10.5	11.1	12.7	11.3	12.0	10.3	7.4	8.7	---	---	---
6	11.6	9.9	10.8	12.1	10.5	11.4	10.4	7.6	8.7	---	---	---
7	10.5	9.4	10.0	12.4	10.9	11.6	10.2	7.8	8.9	---	---	---
8	11.2	9.4	10.2	13.0	11.8	12.3	10.6	7.4	8.8	---	---	---
9	---	---	---	12.4	11.7	12.0	10.4	7.3	8.5	---	---	---
10	---	---	---	12.4	11.7	12.0	9.8	6.8	8.1	---	---	---
11	9.8	8.8	9.3	12.3	11.2	11.7	9.6	6.9	7.9	---	---	---
12	9.3	8.6	8.9	12.6	11.1	11.8	9.7	7.0	8.0	---	---	---
13	10.3	9.3	10.0	12.6	11.0	11.8	9.4	7.4	8.2	---	---	---
14	11.1	10.1	10.6	12.6	11.4	12.0	9.6	7.7	8.5	5.5	5.1	5.3
15	11.0	9.6	10.3	11.8	11.3	11.6	9.8	7.9	8.7	5.7	5.1	5.4
16	10.5	9.2	9.9	---	---	---	8.7	7.5	7.9	5.7	4.9	5.3
17	9.9	8.7	9.4	---	---	---	8.5	7.6	8.0	5.5	4.7	5.1
18	8.8	8.4	8.6	---	---	---	---	---	---	5.3	4.7	5.0
19	---	---	---	10.9	9.0	9.9	---	---	---	5.0	4.5	4.8
20	---	---	---	11.1	9.3	10.1	9.1	7.8	8.5	5.2	4.5	4.9
21	---	---	---	11.3	9.1	10.1	8.4	7.1	7.9	---	---	---
22	---	---	---	9.7	9.1	9.3	8.0	6.9	7.4	---	---	---
23	---	---	---	11.0	9.3	10.0	7.8	6.7	7.3	---	---	---
24	---	---	---	11.3	9.1	10.1	7.2	6.8	7.0	---	---	---
25	---	---	---	11.1	8.8	9.8	---	---	---	7.0	5.6	6.3
26	---	---	---	11.3	8.9	9.7	---	---	---	5.9	5.5	5.7
27	12.3	11.0	11.7	10.7	9.1	9.8	---	---	---	6.1	5.3	5.7
28	11.3	10.7	11.0	11.3	9.1	10.1	---	---	---	6.5	5.5	6.1
29	---	---	---	11.4	8.9	10.1	---	---	---	6.9	5.7	6.2
30	---	---	---	11.7	9.1	10.1	---	---	---	6.9	5.8	6.4
31	---	---	---	11.6	8.9	10.1	---	---	---	6.7	6.0	6.3
MONTH	13.3	8.4	10.4	13.0	8.8	10.9	11.2	6.7	8.4	7.0	4.5	5.6

021473426 TOOLS FORK CREEK NEAR ROCKHILL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	5.8	6.2	8.1	7.3	7.6	8.3	7.0	7.7	9.1	7.3	8.2
2	6.6	5.5	6.0	8.3	6.9	7.7	8.5	7.0	7.7	8.7	6.9	7.9
3	6.3	5.2	5.8	8.4	7.0	7.7	8.8	7.3	8.1	8.4	6.6	7.5
4	6.2	4.8	5.6	8.1	6.7	7.7	8.9	7.1	8.2	8.1	6.4	7.3
5	6.7	5.3	6.1	8.1	6.7	7.6	8.6	6.9	8.0	7.5	6.6	7.1
6	7.1	5.3	6.2	8.2	7.4	7.7	8.7	7.0	7.9	7.1	5.8	6.8
7	6.8	5.0	5.8	8.4	7.0	7.8	8.4	6.8	7.7	7.2	5.8	6.7
8	7.0	5.0	5.9	8.4	7.1	7.7	8.1	6.6	7.4	7.1	6.2	6.7
9	6.8	4.9	5.9	8.4	6.8	7.7	8.0	6.9	7.5	7.1	6.3	6.7
10	6.8	5.3	6.1	8.2	6.8	7.7	8.2	6.7	7.5	7.0	6.5	6.8
11	6.8	5.6	6.2	8.8	7.5	8.2	8.1	6.8	7.4	8.0	7.0	7.4
12	6.8	5.9	6.2	8.8	8.5	8.6	8.0	6.6	7.5	8.2	7.1	7.7
13	7.6	6.1	6.9	8.8	8.5	8.7	7.8	6.4	7.2	8.3	6.8	7.6
14	7.4	5.8	6.8	8.9	8.5	8.7	7.7	6.5	7.0	8.3	5.5	7.1
15	7.0	6.2	6.7	8.7	8.0	8.5	7.9	6.7	7.3	6.3	5.6	5.9
16	7.4	6.7	7.0	8.6	7.7	8.3	7.8	6.5	7.3	6.6	5.7	6.2
17	7.2	6.0	6.6	8.4	7.6	8.1	7.7	6.5	7.2	7.5	6.3	6.9
18	7.4	6.1	6.6	8.4	7.4	8.0	7.9	6.1	7.1	8.0	6.5	7.2
19	7.9	6.9	7.5	8.3	7.1	7.9	8.0	6.1	6.9	7.8	6.1	7.0
20	8.1	7.1	7.6	8.2	7.1	7.8	7.5	5.4	6.6	7.6	5.9	6.8
21	7.9	7.2	7.5	---	---	---	6.5	5.9	6.3	6.9	5.4	6.4
22	7.8	7.2	7.5	9.3	7.0	7.9	7.4	6.3	6.8	7.4	6.4	6.8
23	8.0	7.3	7.6	9.2	6.9	7.8	7.4	6.2	6.8	8.8	7.1	7.8
24	8.6	7.3	7.8	8.6	7.2	7.7	6.8	6.0	6.5	8.9	6.7	7.7
25	7.8	7.4	7.6	8.4	7.3	7.7	6.8	5.9	6.3	7.9	6.3	7.1
26	7.6	7.1	7.4	9.2	7.2	8.2	6.8	5.8	6.3	7.1	5.8	6.5
27	7.6	6.8	7.3	8.5	7.3	7.9	7.3	6.3	6.8	6.0	5.5	5.7
28	7.5	6.9	7.2	9.0	7.0	8.0	7.5	6.2	6.8	5.8	5.0	5.5
29	7.6	7.0	7.3	8.6	7.1	7.7	7.4	6.2	6.7	5.3	4.5	5.0
30	8.0	7.3	7.5	8.6	6.7	7.7	7.5	6.2	6.8	7.0	5.3	6.2
31	---	---	---	8.1	6.7	7.4	8.7	6.9	7.8	---	---	---
MONTH	8.6	4.8	6.7	9.3	6.7	7.9	8.9	5.4	7.2	9.1	4.5	6.9
YEAR	13.6	4.5	8.4									

021473428 WILDCAT CREEK BELOW ROCK HILL, SC

LOCATION.--Lat 34°53'22'', long 81°04'11'', York County, Hydrologic Unit 03050103, at downstream side of bridge on SSR 998, and 2.5 mi southwest of Rock Hill.

DRAINAGE AREA.--29.7 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 512 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	e5.8	6.8	15	93	20	25	52	4.2	4.4	3.2	1.0
2	6.0	e6.0	7.7	13	162	18	20	22	4.0	4.0	2.6	1.1
3	5.4	15	6.6	257	56	21	16	15	4.5	3.6	1.0	1.3
4	12	9.4	6.9	56	38	21	14	12	3.9	3.2	.70	.74
5	8.3	7.2	6.9	28	29	16	13	16	3.3	3.0	.76	14
6	6.9	6.5	7.5	20	26	15	12	24	3.0	2.9	.53	5.4
7	19	6.0	7.3	19	23	14	11	18	3.1	7.7	.62	3.2
8	83	6.1	7.7	18	21	13	11	9.8	3.7	8.8	.50	1.7
9	23	6.7	7.4	17	18	31	11	8.6	3.2	4.1	.85	11
10	12	6.7	9.6	14	19	30	10	7.7	4.3	6.5	.70	8.5
11	8.7	7.2	6.9	13	16	20	9.6	7.2	28	6.5	.55	2.3
12	7.6	6.7	5.9	12	15	17	8.8	6.9	6.0	5.9	.58	1.5
13	7.2	6.9	14	12	14	16	8.0	7.4	4.6	26	.69	1.3
14	6.9	7.4	9.9	12	13	34	7.9	9.4	4.2	6.1	.66	1.1
15	6.5	26	15	33	13	40	8.7	7.1	4.9	4.2	.72	3.4
16	6.1	20	48	19	13	25	9.8	6.6	11	3.5	1.4	13
17	6.0	31	16	83	13	20	7.8	6.3	16	2.8	e1.0	1.9
18	6.1	13	10	276	88	18	7.3	7.4	5.9	3.1	2.0	1.3
19	6.5	9.5	9.1	59	144	16	7.6	12	4.6	2.4	e.91	1.1
20	6.2	8.9	8.7	34	152	15	7.6	6.7	4.5	2.3	e23	1.0
21	6.0	8.3	9.6	26	51	33	7.2	5.9	4.7	2.0	23	15
22	5.7	7.7	14	23	33	27	7.1	5.9	4.3	1.7	2.8	27
23	5.1	7.6	23	105	26	19	6.7	5.4	4.5	2.8	1.8	3.7
24	5.4	7.8	e190	455	23	17	6.6	5.2	4.2	4.5	2.3	2.2
25	5.8	8.1	136	109	21	17	6.3	5.7	8.4	6.3	3.9	1.6
26	5.8	8.2	44	47	19	18	6.3	5.4	7.8	2.0	12	1.1
27	5.8	8.4	26	34	19	15	19	5.8	5.7	1.4	2.4	14
28	5.9	8.2	20	29	21	14	46	5.1	7.1	1.3	1.5	13
29	5.8	6.7	39	25	---	14	15	4.6	5.3	1.2	1.3	6.9
30	e5.8	7.7	25	21	---	13	169	4.1	4.7	1.2	1.2	4.8
31	e5.8	---	17	18	---	13	---	4.2	---	1.2	.91	---
TOTAL	313.3	290.7	761.5	1902	1179	620	515.3	319.4	183.6	136.6	96.08	165.14
MEAN	10.1	9.69	24.6	61.4	42.1	20.0	17.2	10.3	6.12	4.41	3.10	5.50
MAX	83	31	190	455	162	40	169	52	28	26	23	27
MIN	5.1	5.8	5.9	12	13	13	6.3	4.1	3.0	1.2	.50	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 1999, BY WATER YEAR (WY)

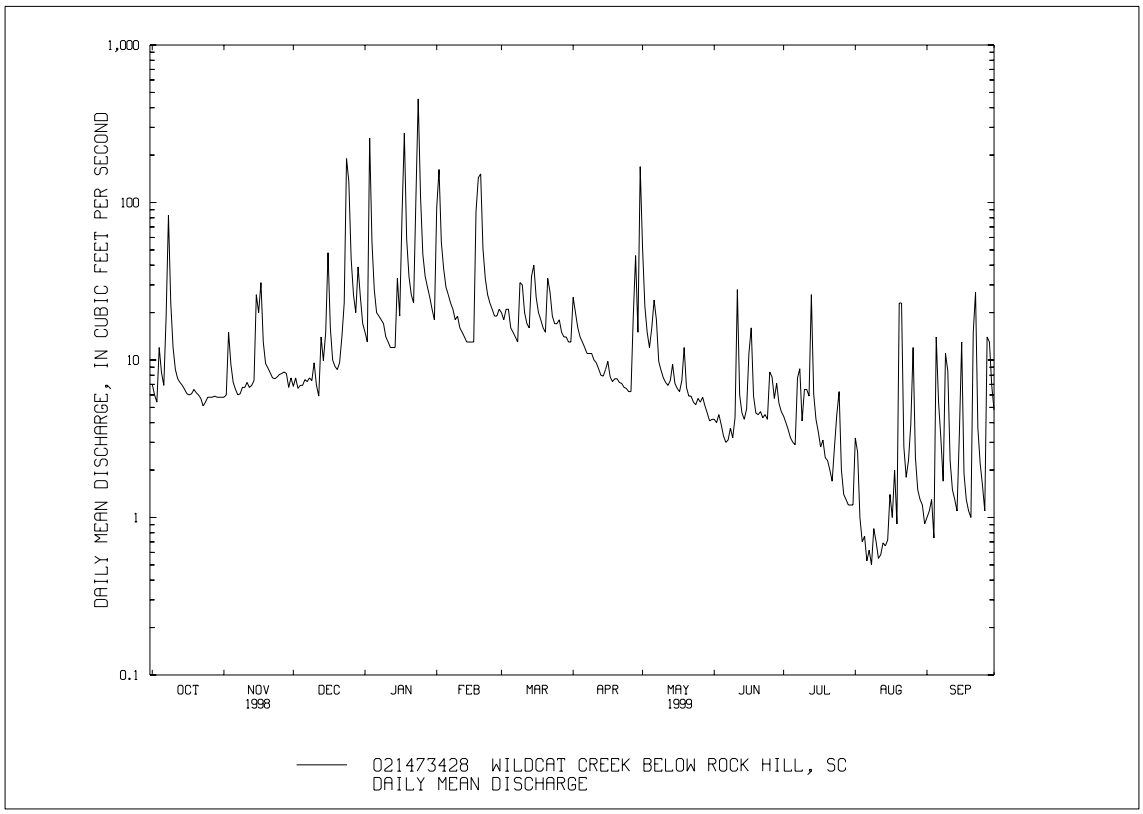
MEAN	10.1	9.69	24.6	61.4	42.1	20.0	17.2	10.3	6.12	4.41	3.10	5.50
MAX	10.1	9.69	24.6	61.4	42.1	20.0	17.2	10.3	6.12	4.41	3.10	5.50
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	10.1	9.69	24.6	61.4	42.1	20.0	17.2	10.3	6.12	4.41	3.10	5.50
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

021473428 WILDCAT CREEK BELOW ROCK HILL, SC--Continued

SUMMARY STATISTICS FOR 1999 WATER YEAR

ANNUAL TOTAL	6482.62	
ANNUAL MEAN	17.8	
HIGHEST DAILY MEAN	455	Jan 24
LOWEST DAILY MEAN	.50	Aug 8
ANNUAL SEVEN-DAY MINIMUM	.62	Aug 6
INSTANTANEOUS PEAK FLOW	632	Jan 24
INSTANTANEOUS PEAK STAGE	7.19	Jan 24
10 PERCENT EXCEEDS	29	
50 PERCENT EXCEEDS	7.7	
90 PERCENT EXCEEDS	1.6	

e Estimated



021473428 WILDCAT CREEK BELOW ROCKHILL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1998-September 1999 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 1998-September 1999 (discontinued).

DISSOLVED OXYGEN: August 1998-September 1999 (discontinued).

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.0°C, Aug. 14, 1999; minimum, 0.5°C, Jan. 6, 1999.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 15, 1999; minimum, 3.2 mg/L, Aug. 15, 20, 1999.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.0°C, Aug. 14; minimum, 0.5°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 15; minimum, 3.2 mg/L, Aug. 15, 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.5	21.5	22.0	---	---	---	11.5	10.0	11.0	5.0	4.0	4.5
2	22.0	19.0	20.5	---	---	---	11.0	9.0	10.0	5.0	4.0	4.5
3	19.0	17.5	18.5	15.0	14.5	15.0	11.0	9.0	10.0	5.0	3.5	4.5
4	20.0	19.0	19.5	14.5	13.0	13.5	11.0	10.0	10.5	5.0	3.0	4.0
5	21.0	20.0	20.5	13.0	12.0	12.0	12.0	10.0	11.0	3.0	1.5	2.0
6	20.5	20.0	20.5	12.0	10.5	11.0	13.0	11.5	12.5	2.0	0.5	1.5
7	22.0	20.0	20.5	10.5	8.5	9.5	13.5	12.5	13.0	4.0	2.0	3.0
8	22.0	21.0	21.5	9.5	8.0	9.0	15.0	13.5	14.0	5.5	4.0	4.5
9	21.0	19.0	19.5	11.0	9.5	10.5	15.0	13.0	14.5	7.0	5.5	6.0
10	19.0	17.0	18.0	14.0	11.0	12.0	13.0	10.5	11.0	7.0	4.5	5.5
11	17.5	16.5	17.0	15.0	13.5	14.5	10.5	10.0	10.5	4.5	3.0	4.0
12	17.5	16.0	17.0	13.5	11.5	12.5	10.0	9.5	10.0	6.0	4.0	5.0
13	17.5	16.5	17.0	11.5	11.0	11.0	9.5	9.0	9.5	6.5	4.5	5.5
14	17.5	16.5	17.0	12.0	11.0	11.5	9.5	8.5	9.5	9.0	6.5	7.5
15	17.0	15.5	16.0	13.0	12.0	12.5	8.5	6.5	7.0	11.0	9.0	10.0
16	16.0	14.5	15.5	14.0	12.0	12.5	8.0	7.0	7.5	9.0	6.5	7.5
17	15.5	14.5	15.5	14.5	13.5	14.0	7.5	6.0	6.5	9.0	5.5	6.5
18	15.5	14.0	15.0	14.0	12.5	13.0	6.0	4.5	5.5	10.5	8.5	9.5
19	17.0	15.0	16.0	13.0	11.0	12.0	7.5	5.0	6.0	10.0	7.5	8.5
20	17.5	16.5	17.0	14.5	13.0	13.5	9.0	7.0	8.0	9.5	7.0	8.0
21	16.5	14.5	15.5	14.5	11.5	13.0	10.5	9.0	10.0	9.5	8.5	9.0
22	14.5	12.5	13.5	11.5	9.5	10.5	13.0	10.5	12.0	11.5	9.5	10.5
23	12.5	11.0	11.5	10.5	8.0	9.5	12.0	6.5	9.0	14.5	11.5	13.0
24	11.5	10.0	11.0	12.5	10.5	11.5	---	---	---	14.0	12.5	13.5
25	12.0	10.5	11.5	12.5	11.5	11.5	6.5	6.0	6.0	12.5	9.5	10.5
26	12.5	11.0	12.0	12.0	11.0	11.5	6.0	5.5	5.5	10.5	9.0	9.5
27	13.0	11.5	12.5	11.0	9.0	10.0	5.5	4.0	5.0	10.0	8.0	9.0
28	13.5	12.0	13.0	10.5	8.5	9.5	6.5	5.0	5.5	11.5	9.0	10.0
29	14.0	13.0	13.5	10.0	8.5	9.5	7.5	6.5	7.0	12.0	10.0	11.0
30	---	---	---	11.0	9.0	10.0	7.5	6.0	7.0	12.0	11.5	11.5
31	---	---	---	---	---	---	6.0	5.0	5.5	11.5	8.0	9.5
MONTH	22.5	10.0	16.5	15.0	8.0	11.6	15.0	4.0	9.0	14.5	0.5	7.4

021473428 WILDCAT CREEK BELOW ROCKHILL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	6.5	7.0	11.5	9.0	10.0	16.5	12.5	14.0	13.0	11.0	12.0
2	8.5	7.0	7.5	10.0	7.5	9.0	17.5	14.0	16.0	14.5	12.0	13.0
3	9.0	7.5	8.5	10.0	9.0	9.5	18.5	16.0	17.5	15.5	13.0	14.5
4	11.0	8.5	9.5	9.0	6.5	7.5	20.5	17.5	19.0	17.0	14.5	15.5
5	10.0	7.5	9.0	8.0	5.5	7.0	20.5	18.0	19.0	17.0	15.5	16.5
6	10.0	7.0	8.5	10.5	7.0	8.5	19.0	16.0	17.0	17.5	16.5	17.0
7	12.0	9.5	10.5	10.5	8.5	9.5	18.5	15.0	17.0	18.5	17.0	17.5
8	12.5	11.0	12.0	8.5	6.5	7.5	19.0	16.5	18.0	19.5	17.5	18.5
9	11.5	10.0	11.0	7.0	5.5	6.0	20.0	18.0	19.0	19.0	17.0	18.0
10	12.5	11.0	12.0	7.5	5.0	6.0	20.5	18.5	19.5	19.5	17.5	18.5
11	13.0	10.5	12.0	8.5	5.5	7.0	21.5	19.0	20.0	19.5	18.0	19.0
12	14.0	12.0	13.0	8.5	6.0	7.5	20.0	18.0	18.5	19.0	18.5	19.0
13	12.0	7.5	9.5	8.0	6.5	7.0	18.0	15.5	16.5	19.0	18.0	18.5
14	7.5	5.0	6.0	6.5	6.0	6.5	16.0	14.0	14.5	19.0	16.5	18.0
15	6.5	4.0	5.5	8.0	6.5	7.0	15.5	14.0	14.5	17.0	16.0	16.5
16	8.0	5.0	6.5	9.5	6.0	7.5	16.0	14.5	15.5	17.5	16.0	17.0
17	9.5	7.0	8.0	11.0	7.5	9.5	15.0	13.5	14.0	18.5	16.5	17.5
18	12.0	9.5	11.0	13.5	9.5	11.5	14.0	12.0	13.0	19.0	17.5	18.0
19	11.0	7.5	9.0	13.5	11.0	12.0	14.5	12.0	13.5	19.5	18.0	19.0
20	9.5	6.5	8.0	13.0	10.5	12.0	16.5	13.5	15.0	19.5	18.0	18.5
21	9.0	7.5	8.5	12.5	12.0	12.5	17.0	14.5	16.0	19.0	17.5	18.5
22	7.5	5.0	6.0	12.0	9.5	11.0	18.5	16.0	17.0	19.5	18.0	19.0
23	5.5	4.0	4.5	12.5	9.5	11.0	19.0	16.5	18.0	20.5	19.0	20.0
24	6.0	4.0	5.0	14.0	11.0	12.5	19.0	18.0	18.5	21.5	20.5	21.0
25	6.0	4.5	5.0	13.5	12.5	13.0	18.0	17.5	17.5	20.5	18.5	19.0
26	7.0	4.5	6.0	13.0	10.5	12.0	17.5	16.5	17.0	19.5	18.5	19.0
27	9.5	6.0	7.5	12.0	9.5	11.0	19.0	16.5	17.5	19.0	17.5	18.5
28	12.0	9.5	10.5	13.0	9.5	11.5	18.5	14.5	16.5	18.5	17.0	18.0
29	---	---	---	12.0	10.5	11.5	14.5	12.0	13.5	19.0	17.0	18.5
30	---	---	---	13.5	10.0	12.0	12.0	10.0	10.5	20.0	18.0	19.0
31	---	---	---	13.0	11.5	12.0	---	---	---	19.5	18.5	19.0
MONTH	14.0	4.0	8.5	14.0	5.0	9.6	21.5	10.0	16.4	21.5	11.0	17.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.5	19.0	19.5	24.5	23.5	24.0	26.5	24.5	25.5	20.5	18.0	19.5
2	21.0	19.5	20.5	24.5	23.5	24.0	26.5	25.0	26.0	21.0	18.0	19.5
3	22.0	20.5	21.0	25.0	23.5	24.0	26.0	24.0	25.0	21.5	19.0	20.5
4	22.0	21.0	21.5	25.0	23.5	24.5	25.0	22.5	24.0	22.5	19.5	21.0
5	21.5	20.0	21.0	26.0	24.0	25.0	25.0	22.5	23.5	22.5	21.0	21.5
6	21.5	20.0	20.5	25.5	24.5	25.0	26.0	23.0	24.5	23.0	22.0	22.5
7	22.0	20.0	21.0	25.0	24.0	24.5	26.0	23.0	24.5	23.5	22.0	22.5
8	22.0	20.5	21.5	25.0	23.5	24.0	27.0	24.0	25.5	24.0	22.5	23.0
9	23.5	21.5	22.5	26.0	24.0	25.0	25.5	24.0	25.0	24.0	22.5	23.0
10	23.5	22.0	22.5	25.5	24.0	25.0	25.5	23.5	24.5	23.0	21.5	22.0
11	22.5	22.0	22.5	25.0	22.0	24.0	27.0	24.0	25.0	21.5	20.0	20.5
12	22.0	21.0	22.0	22.0	20.0	21.0	26.5	24.0	25.0	20.5	19.0	20.0
13	22.0	20.0	21.0	20.0	18.5	19.0	26.5	24.0	25.5	20.5	18.5	19.5
14	22.0	20.5	21.5	20.0	19.5	19.5	28.0	25.0	26.0	20.5	18.5	19.5
15	22.0	22.0	22.0	21.5	20.0	20.5	26.0	24.5	25.5	21.0	20.0	20.5
16	22.0	20.5	21.0	22.5	21.0	22.0	26.0	24.5	25.0	20.0	19.5	20.0
17	21.0	20.0	20.5	23.5	22.0	23.0	27.5	24.5	25.5	19.5	17.5	18.5
18	21.0	20.0	20.5	24.5	22.5	23.5	27.5	25.0	26.0	18.5	16.5	17.5
19	20.0	19.0	19.5	25.0	23.5	24.0	27.0	24.5	25.5	18.5	16.5	17.5
20	19.5	18.5	19.0	25.5	24.0	24.5	26.0	23.0	24.5	18.5	17.0	18.0
21	19.0	18.0	18.5	25.5	24.0	25.0	23.5	22.5	23.0	20.5	18.0	19.0
22	19.5	18.5	19.0	26.5	25.0	25.5	23.0	21.5	22.5	20.0	17.0	18.5
23	20.0	18.5	19.0	26.5	25.0	26.0	23.5	22.0	22.5	17.0	15.0	16.0
24	20.0	19.0	19.5	27.5	25.0	26.5	23.0	22.5	23.0	16.0	14.5	15.5
25	21.0	20.0	20.0	26.0	24.5	25.0	24.0	22.5	23.0	17.5	15.5	16.5
26	22.5	21.0	21.5	26.0	24.0	25.0	24.5	23.5	24.0	19.0	17.0	18.0
27	23.0	22.5	23.0	26.0	24.0	25.0	25.0	23.0	24.0	21.0	18.5	20.0
28	24.5	23.0	23.5	26.0	23.5	25.0	25.0	23.0	24.0	21.5	20.5	21.0
29	25.0	24.0	24.5	26.5	24.5	25.5	24.5	23.0	24.0	22.0	21.5	21.5
30	24.0	23.5	24.0	26.5	24.0	25.0	23.5	21.5	23.0	21.5	18.0	20.0
31	---	---	---	27.5	25.0	26.0	21.5	19.5	20.5	---	---	---
MONTH	25.0	18.0	21.1	27.5	18.5	24.0	28.0	19.5	24.4	24.0	14.5	19.8
YEAR	28.0	0.5	15.6									

021473428 WILDCAT CREEK BELOW ROCKHILL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.5	5.1	5.3	---	---	---	---	---	---	---	---	---
2	6.2	5.1	5.8	---	---	---	---	---	---	---	---	---
3	7.0	6.1	6.7	---	---	---	---	---	---	---	---	---
4	6.5	5.1	6.1	---	---	---	---	---	---	---	---	---
5	5.5	5.1	5.3	---	---	---	---	---	---	---	---	---
6	5.8	5.3	5.6	---	---	---	---	---	---	---	---	---
7	5.8	4.8	5.6	---	---	---	---	---	---	---	---	---
8	5.7	4.8	5.3	---	---	---	---	---	---	---	---	---
9	6.2	5.4	5.9	---	---	---	---	---	---	---	---	---
10	6.9	6.2	6.6	---	---	---	---	---	---	---	---	---
11	7.2	6.6	6.9	---	---	---	---	---	---	---	---	---
12	7.3	6.7	7.0	---	---	---	---	---	---	---	---	---
13	7.2	6.4	6.9	---	---	---	---	---	---	---	---	---
14	7.0	6.4	6.7	---	---	---	---	---	---	---	---	---
15	8.5	6.7	7.8	---	---	---	---	---	---	---	---	---
16	8.8	8.1	8.5	---	---	---	---	---	---	---	---	---
17	8.9	8.3	8.6	---	---	---	---	---	---	---	---	---
18	9.1	8.2	8.6	---	---	---	---	---	---	---	---	---
19	8.6	7.3	8.2	---	---	---	---	---	---	---	---	---
20	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
21	8.5	7.1	7.9	---	---	---	---	---	---	---	---	---
22	9.6	8.5	9.0	---	---	---	---	---	---	---	---	---
23	10.8	9.2	10.2	---	---	---	---	---	---	---	---	---
24	11.6	10.6	11.1	---	---	---	---	---	---	---	---	---
25	11.5	10.2	10.9	---	---	---	---	---	---	---	---	---
26	10.8	9.6	10.2	---	---	---	---	---	---	---	---	---
27	10.3	9.1	9.6	---	---	---	---	---	---	---	---	---
28	9.8	8.3	9.1	---	---	---	---	---	---	---	---	---
29	8.8	7.8	8.2	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	11.6	4.8	7.6	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.3	8.3	8.9	9.4	7.3	8.1	8.5	8.1	8.3
2	---	---	---	9.7	8.9	9.3	9.8	6.9	8.1	8.2	7.6	8.0
3	---	---	---	9.2	8.9	9.0	9.9	6.7	7.8	8.1	7.4	7.8
4	---	---	---	10.1	9.0	9.7	9.8	6.2	7.6	7.6	7.0	7.4
5	---	---	---	10.7	9.8	10.3	9.7	6.1	7.4	7.4	7.0	7.2
6	---	---	---	10.2	9.1	9.8	8.4	6.3	7.2	7.2	6.8	7.0
7	---	---	---	10.1	9.1	9.6	9.7	6.4	7.7	7.0	6.4	6.8
8	---	---	---	11.2	9.6	10.4	9.2	6.1	7.2	6.5	6.2	6.4
9	---	---	---	10.9	10.2	10.6	8.3	5.7	6.8	6.6	6.1	6.4
10	---	---	---	10.9	10.1	10.7	8.0	5.6	6.5	6.4	6.1	6.2
11	10.1	9.5	9.8	11.1	10.2	10.6	7.3	5.4	6.1	6.5	6.0	6.2
12	9.6	9.3	9.5	11.3	10.3	10.8	7.4	5.4	6.3	6.4	6.0	6.1
13	10.8	9.6	10.4	11.6	10.4	10.9	7.9	6.0	6.9	6.4	6.0	6.2
14	11.8	10.8	11.4	11.4	10.8	11.0	8.0	6.6	7.3	6.4	5.9	6.2
15	12.1	11.3	11.7	11.2	10.7	11.0	7.4	6.8	7.1	6.5	5.7	6.2
16	11.9	11.0	11.4	11.7	10.6	11.1	7.5	6.8	7.1	6.7	6.2	6.4
17	11.4	10.5	11.0	11.4	9.4	10.6	7.8	6.9	7.4	6.6	6.0	6.3
18	10.5	9.8	10.0	10.7	8.8	9.7	8.2	7.2	7.7	6.6	6.0	6.3
19	10.7	9.8	10.2	10.7	8.8	9.5	8.4	7.4	7.8	6.1	5.4	5.8
20	10.2	8.9	9.7	10.9	8.8	9.6	8.0	7.0	7.5	6.2	5.7	6.0
21	9.4	8.8	9.1	8.8	8.6	8.7	7.6	6.9	7.2	6.3	5.8	6.1
22	10.2	9.4	9.9	10.1	8.6	9.3	7.4	6.6	7.0	6.3	5.9	6.1
23	10.7	9.8	10.4	10.5	8.6	9.5	7.2	6.3	6.8	6.2	5.7	5.9
24	10.7	10.0	10.4	10.2	8.3	9.1	6.8	6.3	6.5	6.3	5.5	5.7
25	10.5	9.9	10.2	10.2	8.2	8.9	7.1	6.6	6.8	6.7	5.6	6.2
26	10.6	9.8	10.2	9.9	8.2	8.9	7.2	6.8	7.0	6.4	5.9	6.2
27	10.0	9.0	9.7	10.9	8.8	9.6	7.3	6.3	6.8	7.0	6.2	6.5
28	9.1	8.3	8.8	11.1	8.5	9.6	7.2	6.2	6.7	7.1	6.3	6.7
29	---	---	---	11.0	8.4	9.4	8.0	7.2	7.5	7.3	6.4	6.8
30	---	---	---	11.4	8.4	9.6	8.8	8.0	8.6	7.3	6.3	6.7
31	---	---	---	10.3	8.2	9.0	---	---	---	7.3	6.3	6.7
MONTH	12.1	8.3	10.2	11.7	8.2	9.8	9.9	5.4	7.2	8.5	5.4	6.5

021473428 WILDCAT CREEK BELOW ROCKHILL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.1	6.2	6.6	6.3	5.6	5.8	6.4	4.0	5.2	6.6	4.9	5.6
2	7.1	6.2	6.5	6.2	5.6	5.8	6.0	3.7	5.1	6.8	5.3	5.9
3	6.8	5.9	6.3	6.2	5.5	5.8	5.8	3.6	4.5	6.8	5.2	5.9
4	6.8	5.8	6.2	6.1	5.5	5.7	6.3	3.9	4.8	7.1	5.1	5.8
5	6.9	6.0	6.3	6.1	5.3	5.6	6.2	4.1	5.0	6.3	4.8	5.5
6	6.9	6.1	6.4	5.9	5.1	5.4	6.1	3.9	4.9	6.0	5.4	5.7
7	7.0	6.1	6.5	6.1	5.1	5.6	6.2	4.0	4.9	5.9	5.1	5.6
8	6.9	5.9	6.4	5.6	5.3	5.5	5.9	3.7	4.7	5.8	4.9	5.3
9	6.8	5.8	6.2	5.8	5.0	5.4	5.0	3.5	4.2	6.8	4.8	5.7
10	6.9	5.6	6.2	5.9	4.9	5.3	5.3	3.6	4.3	6.8	6.5	6.7
11	6.1	5.6	5.9	5.9	4.9	5.2	5.7	3.6	4.5	7.0	6.6	6.8
12	6.2	5.9	6.0	6.1	5.8	5.9	5.8	3.5	4.5	7.4	6.7	7.0
13	6.6	6.0	6.2	6.8	6.1	6.6	5.4	3.6	4.4	7.7	6.9	7.2
14	6.5	5.9	6.2	6.5	6.3	6.4	5.5	3.5	4.3	7.8	6.8	7.2
15	6.4	5.8	6.0	6.5	6.0	6.3	4.9	3.2	4.0	7.3	6.5	6.7
16	6.6	6.0	6.2	6.4	5.8	6.1	5.1	3.4	4.2	7.6	6.7	7.2
17	6.8	6.4	6.6	6.4	5.8	5.9	5.5	3.5	4.2	7.2	6.6	6.9
18	6.9	6.4	6.6	6.4	5.6	5.9	6.0	3.9	4.7	7.6	6.9	7.2
19	7.1	6.5	6.8	6.5	5.5	5.9	6.0	3.7	4.4	7.7	6.9	7.3
20	7.0	6.6	6.8	6.6	5.4	5.8	5.6	3.2	4.1	7.7	6.8	7.2
21	7.2	6.8	7.0	7.2	5.3	6.0	5.2	4.7	5.0	7.7	6.6	7.1
22	7.2	6.8	6.9	7.2	5.1	5.8	4.9	4.6	4.8	7.7	7.4	7.5
23	7.4	6.6	7.0	6.6	5.0	5.6	4.9	4.5	4.7	8.4	7.7	8.1
24	7.2	6.6	6.8	6.8	4.8	5.5	5.1	4.5	4.8	8.6	8.0	8.3
25	7.1	6.2	6.5	5.4	4.4	4.7	5.4	4.6	5.0	8.3	7.7	8.0
26	6.7	6.0	6.4	5.9	4.3	4.8	5.3	4.6	5.0	8.2	7.3	7.6
27	6.5	6.0	6.1	6.3	4.6	5.3	4.9	4.6	4.8	7.8	7.0	7.3
28	6.6	5.8	6.2	7.0	4.7	5.4	5.1	4.6	4.8	7.2	6.6	6.9
29	6.2	5.5	5.8	6.5	4.6	5.2	5.3	4.6	4.9	6.6	6.3	6.5
30	6.1	5.5	5.8	6.5	4.4	5.2	5.8	4.5	5.1	6.9	6.4	6.7
31	---	---	---	6.1	4.1	4.8	6.4	4.8	5.4	---	---	---
MONTH	7.4	5.5	6.4	7.2	4.1	5.6	6.4	3.2	4.7	8.6	4.8	6.7
YEAR	12.1	3.2	7.1									

02147500 ROCKY CREEK AT GREAT FALLS, SC

LOCATION.--Lat 34°33'45'', long 80°55'00'', Chester County, Hydrologic Unit 03050103, on left bank, 350 ft downstream from Turkey Branch, 1.0 mi west of Great Falls, and at mile 1.8.

DRAINAGE AREA.--194 mi^2.

PERIOD OF RECORD.--March 1951 to September 1981, October 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 299 ft above sea level (by barometer).

REMARKS.--Records good except for estimated daily discharge, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	31	36	73	422	68	58	599	21	51	8.2	1.9
2	33	30	36	67	1490	62	70	205	20	34	7.4	1.4
3	29	36	35	594	481	59	53	120	19	27	6.5	1.3
4	79	39	35	358	293	64	48	90	19	24	5.7	5.3
5	414	36	35	172	209	59	45	75	19	22	5.5	8.9
6	137	33	35	122	166	56	41	105	17	23	5.4	18
7	77	31	36	106	146	54	40	162	16	18	5.0	15
8	1250	31	35	95	127	50	42	92	16	24	4.8	8.2
9	765	32	35	89	111	59	55	70	15	24	4.8	5.8
10	242	34	34	81	104	96	43	59	14	17	4.7	9.3
11	133	34	33	72	96	76	38	53	15	17	4.8	21
12	95	33	33	69	89	63	30	49	16	19	4.4	8.0
13	78	33	41	65	82	57	27	48	14	24	3.7	4.6
14	68	33	50	63	75	147	26	46	13	39	4.3	3.4
15	59	55	45	187	71	358	27	45	15	28	4.1	4.6
16	53	60	206	185	69	169	29	41	19	23	4.0	13
17	49	97	140	165	68	117	25	39	33	20	4.8	12
18	46	67	80	1090	86	94	25	38	26	17	4.1	8.1
19	44	50	64	440	115	79	35	42	17	15	3.4	5.6
20	46	46	58	231	304	71	42	37	e16	13	2.9	5.1
21	45	43	54	166	174	77	43	34	e17	14	2.7	6.7
22	43	40	53	134	118	77	40	33	e17	12	3.4	98
23	40	39	51	425	93	64	40	33	15	11	3.0	42
24	39	39	86	2730	83	59	37	30	19	11	2.8	17
25	39	39	536	1120	78	57	36	26	44	20	4.6	12
26	38	39	281	399	74	59	35	25	219	19	8.2	9.6
27	e34	37	147	254	69	56	38	26	100	12	6.6	13
28	32	36	108	194	71	55	59	25	124	11	11	78
29	31	35	96	158	---	50	46	24	55	10	11	55
30	31	35	97	137	---	47	864	23	73	9.2	10	64
31	31	---	81	121	---	45	---	22	---	8.6	4.8	---
TOTAL	4135	1223	2692	10162	5364	2504	2037	2316	1043	616.8	166.6	555.8
MEAN	133	40.8	86.8	328	192	80.8	67.9	74.7	34.8	19.9	5.37	18.5
MAX	1250	97	536	2730	1490	358	864	599	219	51	11	98
MIN	29	30	33	63	68	45	25	22	13	8.6	2.7	1.3
CFSM	.69	.21	.45	1.69	.99	.42	.35	.39	.18	.10	.03	.10
IN.	.79	.23	.52	1.95	1.03	.48	.39	.44	.20	.12	.03	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1999, BY WATER YEAR (WY)

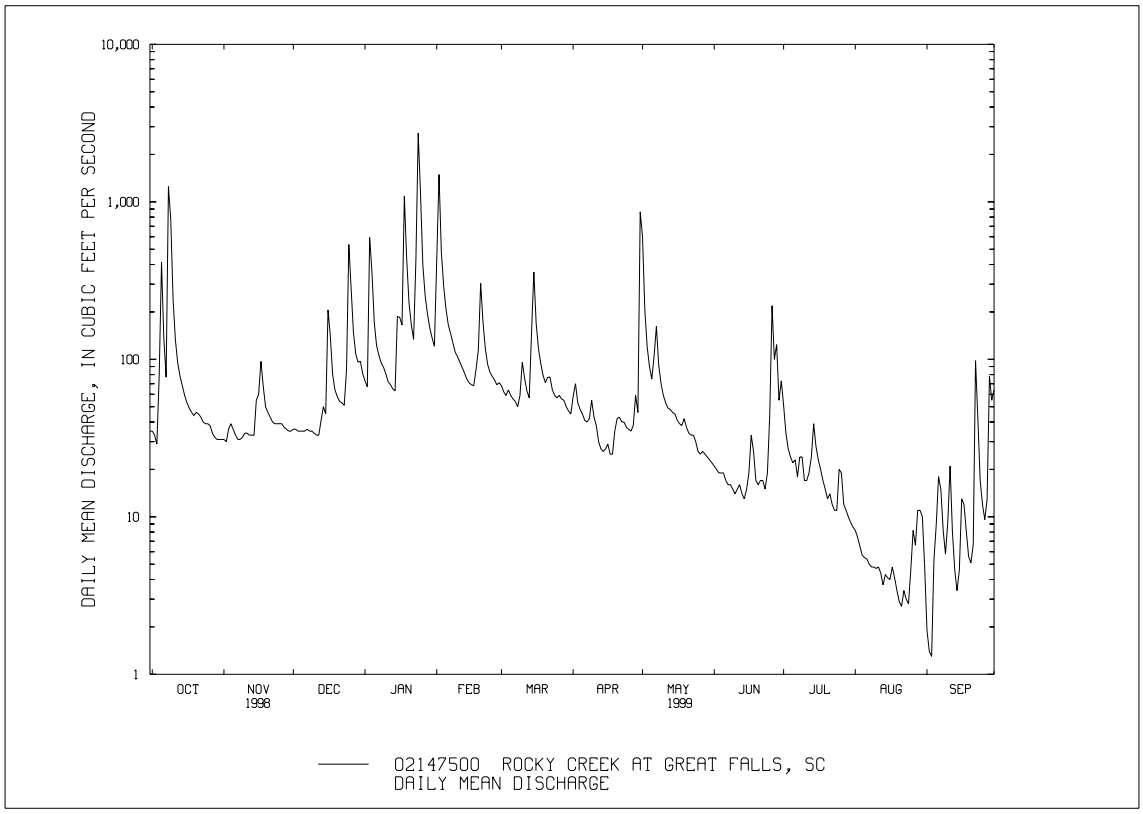
MEAN	149	109	161	340	365	401	257	113	91.1	93.2	110	99.9
MAX	1099	647	544	839	912	1160	791	347	614	679	1387	952
(WY)	1965	1958	1973	1978	1960	1980	1973	1971	1973	1959	1967	1987
MIN	2.11	10.8	30.7	49.1	91.0	49.6	50.7	34.0	17.6	13.0	4.46	.86
(WY)	1955	1955	1956	1956	1968	1955	1995	1988	1955	1953	1957	1954

02147500 ROCKY CREEK AT GREAT FALLS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1951 - 1999	
ANNUAL TOTAL	94198		32815.2			
ANNUAL MEAN	258		89.9		191	
HIGHEST ANNUAL MEAN					315	1973
LOWEST ANNUAL MEAN					84.8	1957
HIGHEST DAILY MEAN	6820	Sep 4	2730	Jan 24	21100	Aug 24 1967
LOWEST DAILY MEAN	10	Aug 30	1.3	Sep 3	.04	Oct 6 1954
ANNUAL SEVEN-DAY MINIMUM	13	Jul 10	3.2	Aug 18	.04	Oct 6 1954
INSTANTANEOUS PEAK FLOW			3120	Jan 24	31300	Aug 23 1967
INSTANTANEOUS PEAK STAGE			6.04	Jan 24	18.82	Aug 23 1967
INSTANTANEOUS LOW FLOW			1.3 **	Sep 1	.04	* Oct 6 1954
ANNUAL RUNOFF (CFSM)	1.33		.46		.99	
ANNUAL RUNOFF (INCHES)	18.06		6.29		13.40	
10 PERCENT EXCEEDS	515		165		356	
50 PERCENT EXCEEDS	64		40		67	
90 PERCENT EXCEEDS	18		7.1		17	

* Also occurred Oct. 7-13, 1954.
** Also occurred Sep. 2-4.

e Estimated



02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40'', long 80°39'15'', Kershaw County, Hydrologic Unit 03050104, in pier of downstream bridge on U.S. Highway 1, 1,500 ft downstream from Five and Twenty Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 mi west of Camden, 7.4 mi downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January to December 1903 (gage heights only), October 1904 to September 1910, October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site 1.5 mi downstream 1891-1934, at site 830 ft upstream January 1935 to September 1942, and at present site since October 1942, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 802: 1930. WSP 952: Drainage area. WSP 1082: 1934(M). WSP 1433: 1905-10. WSP 1623: 1930-51 (monthly and yearly runoff).

GAGE.--Data collection platform. Datum of gage is 118.36 ft above sea level. January 1903 to September 1910, nonrecording gage at site 1.5 mi downstream at datum 117.71 ft above mean sea level. October 1, 1929 to September 1, 1942, recording gage at site 830 ft upstream at datum 119.36 ft above sea level. October 1942 to September 30, 1997, recording gage at present site at datum 119.36 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by powerplants at Wateree Reservoir (usable capacity, 2,794,000,000 ft^3).

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft, datum 117.71 ft above mean sea level, at site 1.5 mi downstream, from records of National Weather Service, discharge, 400,000 ft^3/s, from rating curve extended above 122,000 ft^3/s, as explained in footnote below.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2330	1170	1550	3970	9750	4910	4280	8770	1660	2280	1250	1300
2	1730	1730	2040	3240	14200	5120	3200	9310	1270	1890	2410	1460
3	1480	1230	4280	3720	14000	3290	2840	6860	1820	2050	1090	1230
4	1310	1360	2780	8840	10600	4950	2980	4360	1280	1700	2210	1320
5	1680	741	1780	9980	8070	4570	3320	4770	1760	1970	2640	971
6	1880	1590	1740	6830	7580	3370	3050	3280	1630	3090	1490	1660
7	1670	1120	1660	6120	5830	2700	2650	4660	1820	2270	1780	1370
8	4640	1360	2060	5730	9060	4510	2900	3640	1910	3410	1570	1310
9	6790	1430	1790	4120	9240	4660	2920	2870	1710	2330	1230	1440
10	3640	1270	2360	1600	8300	3580	3240	2780	1510	1870	1720	1530
11	2490	1080	2520	6730	9520	4800	3100	2720	1750	1860	1240	1570
12	1970	1340	1590	7140	9130	4980	2770	2700	1440	1480	1280	1290
13	2120	1010	1420	5750	3800	2590	2770	2700	1650	2120	1850	1090
14	1740	698	1480	6750	2020	3280	2610	2970	1540	2280	1410	1580
15	1340	877	3060	8250	5130	3970	2870	2930	1520	4430	1600	1220
16	1230	2010	2980	9020	4240	3640	2680	3110	1750	2860	1890	950
17	1140	2480	4040	6050	3590	3240	2480	2790	1750	1540	1830	1090
18	1080	1990	4760	9900	1690	3580	2340	2680	1520	1940	1930	1580
19	1650	2670	1730	10300	3570	2870	2320	2670	1460	1930	1650	1240
20	1170	2520	1190	8620	6700	3220	2350	2660	1440	1810	1420	1520
21	1850	1970	1520	7620	6050	3110	2330	2670	1620	2430	1480	1460
22	955	1460	1500	7720	7090	4460	2330	2660	1460	3730	1120	1410
23	1060	1850	1520	7660	8850	4530	2310	2660	1440	4770	1690	1660
24	1020	3790	2840	14700	7900	3300	2330	2630	1410	2490	1310	738
25	1410	2020	5240	16900	7760	3560	2360	2610	1430	2020	1290	640
26	1050	1630	9140	16100	6420	3960	2090	2670	7420	3820	1350	1440
27	1290	2400	4580	14200	4520	3640	2040	2260	2750	3580	1800	1770
28	1370	1080	6100	10400	4070	2850	2180	2050	3000	3970	1590	1800
29	704	1510	3320	12300	---	2890	2230	2050	3130	4330	1140	1870
30	1130	1750	2630	8630	---	3800	4520	2030	3390	5190	1250	1750
31	1330	---	3320	9050	---	3080	---	2020	---	2260	1480	---
TOTAL	56249	49136	88520	257940	198680	117010	82390	105540	59240	83700	48990	41259
MEAN	1814	1638	2855	8321	7096	3775	2746	3405	1975	2700	1580	1375
MAX	6790	3790	9140	16900	14200	5120	4520	9310	7420	5190	2640	1870
MIN	704	698	1190	1600	1690	2590	2040	2020	1270	1480	1090	640
CFSM	.36	.32	.56	1.64	1.40	.74	.54	.67	.39	.53	.31	.27
IN.	.41	.36	.65	1.89	1.46	.86	.60	.77	.43	.61	.36	.30

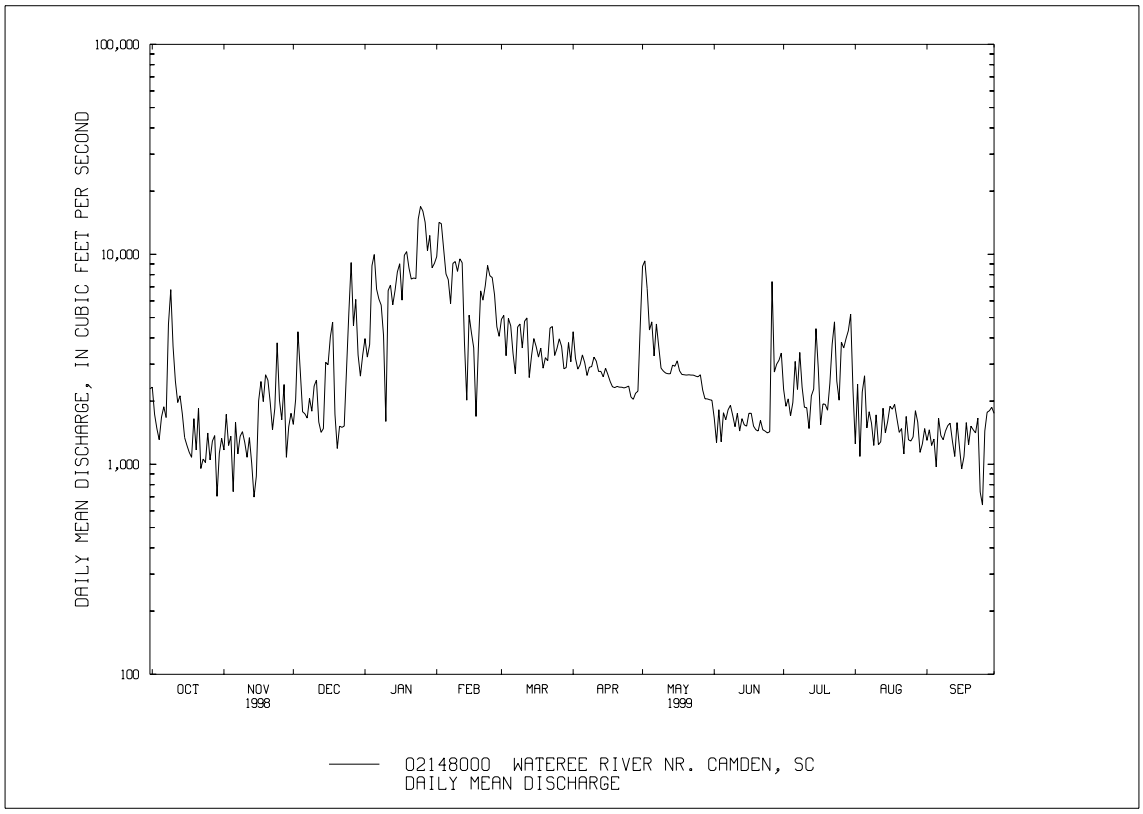
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

MEAN	4878	4979	5872	8699	9239	9649	8280	5592	4759	4236	4508	4114
MAX	19080	15370	14000	18530	23270	21700	28750	13200	12380	14980	12720	20430
(WY)	1965	1978	1984	1937	1960	1952	1936	1958	1973	1941	1967	1945
MIN	1095	992	1647	1803	2484	2941	1701	1022	997	656	1460	1033
(WY)	1955	1932	1956	1942	1977	1988	1986	1986	1988	1956	1954	1954

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	2714630		1188654			
ANNUAL MEAN	7437		3257		6219	
HIGHEST ANNUAL MEAN					9964	1960
LOWEST ANNUAL MEAN					3241	1988
HIGHEST DAILY MEAN	35300	Feb 5	16900	Jan 25	149000	Oct 3 1929
LOWEST DAILY MEAN	698	Nov 14	640	Sep 25	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	1100	Nov 9	1100	Nov 9	279	Jul 1 1959
INSTANTANEOUS PEAK FLOW			17000	** Jan 25	* 366000	Aug 26 1908
INSTANTANEOUS PEAK STAGE			16.51	** Jan 25	* 39.70	Aug 26 1908
ANNUAL RUNOFF (CFSM)	1.47		.64		1.23	
ANNUAL RUNOFF (INCHES)	19.92		8.72		16.67	
10 PERCENT EXCEEDS	17200		7250		13000	
50 PERCENT EXCEEDS	4470		2330		4960	
90 PERCENT EXCEEDS	1380		1260		1100	

* Site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft^3/s, on basis of computations, by Duke Energy Corporation, of peak flow of 382,000 ft^3/s over dam at Rocky Creek Reservior.
** Also occurred Jan. 26.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1991 to current year.

pH: November 1991 to current year.

WATER TEMPERATURE: March 1988 to September 1989, November 1991 to current year.

DISSOLVED OXYGEN: November 1991 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 272 microsiemens, Dec. 28, 1993; minimum, 45 microsiemens, Mar. 9, 1995.

pH: Maximum, 8.4 units, Apr. 12, 1992, Nov. 17, 1994; minimum, 6.2 units, Feb. 25, 26, 1993, several days 1997.

WATER TEMPERATURE: Maximum, 33.0°C, Aug 15, 1988; minimum, 4.0°C, Feb. 10-16, 1995.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 26, 1994; minimum, 1.7 mg/L, Aug. 3, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 257 microsiemens, Jan. 9; minimum, 54 microsiemens, May 1.

pH: Maximum, 8.6 units, Apr. 12; minimum, 6.6 units, Aug. 20, 21.

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 19; minimum, 5.5°C, Jan. 11.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 10; minimum, 2.7 mg/L, Jun. 15, Jul 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	126	100	118	146	121	135	149	135	144	212	195	208
2	127	108	120	146	136	143	150	139	147	215	195	210
3	130	95	116	148	126	140	156	144	151	210	58	180
4	127	106	118	148	132	142	157	140	153	221	183	207
5	129	101	119	145	128	138	159	140	153	234	211	224
6	127	80	102	145	130	142	159	147	155	245	204	230
7	90	78	84	145	123	138	167	144	157	250	191	237
8	128	87	119	146	123	138	167	149	162	256	233	247
9	128	115	125	145	129	140	165	150	158	257	222	246
10	130	122	126	144	126	137	164	150	159	239	198	229
11	130	104	118	144	118	138	167	156	164	239	207	231
12	128	86	109	145	124	139	165	137	159	237	217	232
13	128	112	121	146	122	137	164	148	157	238	227	235
14	128	111	122	141	115	134	162	120	147	236	227	234
15	126	113	122	143	97	122	167	144	162	227	188	214
16	129	104	121	147	130	140	163	110	140	217	188	208
17	131	117	125	147	133	141	163	125	145	219	210	215
18	132	106	123	148	125	139	167	138	159	215	182	202
19	133	120	128	151	135	147	176	146	163	204	175	193
20	135	112	125	153	137	148	182	156	173	204	177	197
21	138	126	132	153	119	146	201	153	178	200	176	191
22	137	107	131	154	133	144	204	182	197	195	176	190
23	137	107	131	154	132	145	204	179	195	195	177	190
24	137	122	130	151	132	143	207	185	200	192	161	174
25	137	123	131	138	127	135	204	176	195	168	160	164
26	137	115	128	138	116	134	207	194	201	160	135	150
27	139	117	130	142	119	138	219	190	207	158	129	152
28	141	121	133	143	108	127	218	204	213	151	121	145
29	137	118	130	146	123	140	219	185	210	141	124	132
30	142	118	134	149	131	142	210	168	198	125	99	116
31	142	126	137	---	---	---	210	195	206	129	118	123
MONTH	142	78	123	154	97	139	219	110	171	257	58	197

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	123	99	114	116	110	114	147	131	141	128	54	107
2	99	88	92	117	108	115	135	118	129	128	91	108
3	89	67	83	120	105	116	131	115	125	142	92	123
4	92	55	83	120	107	117	143	124	131	157	134	151
5	92	66	85	121	115	118	146	127	136	163	156	160
6	92	83	89	121	106	118	152	136	146	161	124	154
7	98	86	93	122	94	118	152	144	148	164	122	140
8	99	94	97	125	94	122	150	141	146	172	141	162
9	102	87	98	123	115	120	154	143	148	174	166	170
10	105	92	99	124	118	122	156	143	149	183	169	177
11	105	98	102	127	122	124	159	132	148	185	179	182
12	105	90	101	129	121	126	151	131	142	186	179	184
13	106	89	101	132	109	126	150	137	143	180	175	177
14	105	90	101	131	103	122	149	143	146	178	174	176
15	109	104	107	124	79	113	151	143	148	176	171	174
16	108	87	102	129	121	124	150	141	146	173	169	172
17	110	87	105	128	123	126	149	141	145	172	166	170
18	111	76	102	131	127	129	151	141	147	171	167	169
19	112	93	106	132	124	128	152	143	148	177	166	173
20	112	101	109	133	127	130	151	137	146	169	163	166
21	119	105	112	132	117	128	152	142	147	170	164	167
22	119	111	115	129	114	121	154	145	150	180	166	171
23	121	104	118	135	121	128	154	146	151	179	168	173
24	122	102	115	136	129	132	154	149	152	174	167	170
25	126	106	120	137	126	133	155	148	152	175	164	170
26	124	104	113	138	131	135	156	151	155	175	166	170
27	115	102	112	141	134	138	157	150	154	177	168	172
28	117	109	114	142	134	138	154	149	152	178	170	176
29	---	---	---	142	136	140	152	147	150	179	170	176
30	---	---	---	145	137	142	150	61	107	179	169	176
31	---	---	---	147	140	144	---	---	---	180	173	177
MONTH	126	55	103	147	79	126	159	61	144	186	54	164

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	180	170	177	169	148	162	222	195	212	212	198	208
2	180	166	176	172	146	162	220	214	218	214	208	211
3	180	174	178	171	163	168	216	203	211	214	208	211
4	188	163	175	173	156	167	217	197	211	214	206	211
5	186	162	178	176	159	172	217	203	213	214	204	211
6	186	160	178	180	165	177	215	202	210	213	204	209
7	180	170	177	182	161	178	214	206	212	213	205	212
8	185	170	178	185	170	181	214	204	212	213	205	211
9	185	176	180	188	169	182	211	200	208	215	207	213
10	193	165	176	188	177	186	210	203	207	216	205	213
11	194	170	182	190	182	188	211	199	205	215	197	210
12	196	165	184	192	149	180	212	202	210	216	192	210
13	191	172	183	192	171	187	212	204	210	216	186	211
14	201	117	172	---	---	---	213	201	209	216	193	210
15	205	132	187	---	---	---	213	201	211	216	182	208
16	202	180	187	201	182	191	212	205	210	214	179	195
17	197	158	180	205	168	191	212	200	208	215	194	202
18	193	143	173	207	197	203	216	203	211	216	180	210
19	194	155	182	209	185	203	214	203	210	216	196	210
20	189	169	182	210	201	206	213	206	211	216	201	212
21	197	166	183	212	190	205	214	207	212	216	207	212
22	194	167	182	215	198	211	213	198	209	214	156	199
23	189	160	181	226	209	218	213	206	211	216	202	210
24	190	174	183	221	214	218	215	204	211	214	190	205
25	192	168	183	219	134	204	216	206	212	214	190	205
26	---	---	---	224	194	212	214	195	206	219	184	212
27	---	---	---	227	188	219	213	207	210	218	190	211
28	---	---	---	223	181	216	208	200	206	217	139	197
29	179	163	172	223	205	219	213	188	207	216	112	193
30	169	155	166	223	209	219	214	198	207	215	146	194
31	---	---	---	224	214	220	212	202	210	---	---	---
MONTH	205	117	179	227	134	195	222	188	210	219	112	208
YEAR	257	54	163									

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.8	7.6	7.6	7.3	7.6	7.1	7.4	7.3	7.0	6.9	6.9	6.8
2	7.9	7.6	7.4	7.3	7.4	7.1	7.5	7.4	6.9	6.9	7.0	6.8
3	7.7	7.4	7.5	7.2	7.3	7.0	7.4	7.3	6.9	6.8	7.1	7.0
4	7.7	7.4	7.6	7.2	7.3	7.0	7.4	7.3	6.9	6.8	7.0	6.9
5	7.8	7.5	7.9	7.3	7.3	7.1	7.4	7.3	6.9	6.9	7.0	7.0
6	7.7	7.4	8.0	7.6	7.4	7.1	7.4	7.3	6.9	6.9	7.1	7.0
7	7.7	7.4	7.8	7.3	7.5	7.0	7.3	7.3	6.9	6.9	7.2	7.0
8	7.5	7.4	7.7	7.2	7.3	7.0	7.4	7.3	6.9	6.9	7.2	7.0
9	7.5	7.4	7.3	7.1	7.4	7.1	7.4	7.3	7.0	6.9	7.2	7.0
10	7.5	7.4	7.6	7.2	7.3	7.2	7.5	7.3	7.0	6.9	7.1	7.0
11	7.4	7.4	7.5	7.2	7.2	7.1	7.5	7.4	6.9	6.8	7.1	7.0
12	7.7	7.4	7.6	7.3	7.2	7.1	7.4	7.4	6.9	6.8	7.1	7.0
13	7.5	7.3	7.5	7.2	7.2	7.2	7.4	7.4	7.0	6.9	7.4	7.0
14	7.5	7.4	7.7	7.4	7.5	7.2	7.4	7.4	7.1	7.0	7.2	7.1
15	7.6	7.3	7.7	7.4	7.2	7.2	7.4	7.3	7.0	6.9	7.2	7.1
16	7.6	7.3	7.4	7.2	7.2	7.1	7.4	7.3	7.0	6.9	7.3	7.2
17	7.8	7.4	7.6	7.3	7.2	7.1	7.4	7.3	7.1	6.9	7.3	7.1
18	7.7	7.4	7.7	7.3	7.3	7.2	7.4	7.3	7.0	6.9	7.4	7.1
19	7.7	7.3	7.4	7.3	7.4	7.2	7.3	7.2	7.1	6.9	7.4	7.1
20	7.5	7.3	7.5	7.3	7.6	7.3	7.2	7.2	6.9	6.8	7.4	7.1
21	7.6	7.3	7.9	7.3	7.6	7.2	7.3	7.2	6.8	6.8	7.3	7.1
22	7.6	7.3	7.8	7.6	7.4	7.2	7.3	7.2	6.9	6.8	7.2	7.1
23	7.8	7.5	7.8	7.5	7.4	7.2	7.2	7.2	6.9	6.8	7.4	7.2
24	7.9	7.5	7.5	7.2	7.3	7.2	7.2	7.1	6.9	6.8	7.3	7.2
25	7.8	7.4	7.5	7.2	7.2	7.2	7.1	7.1	6.9	6.8	7.3	7.1
26	7.7	7.4	7.5	7.2	7.2	7.2	7.1	7.0	6.9	6.8	7.2	7.1
27	7.9	7.4	7.5	7.2	7.3	7.2	7.1	7.1	6.9	6.8	7.4	7.2
28	7.8	7.3	7.5	7.3	7.2	7.2	7.1	7.0	6.9	6.8	7.8	7.2
29	7.8	7.4	7.4	7.2	7.3	7.1	7.1	7.0	---	---	7.6	7.2
30	7.8	7.3	7.4	7.2	7.5	7.2	7.1	7.0	---	---	7.6	7.2
31	7.7	7.3	---	---	7.5	7.1	7.1	6.9	---	---	7.5	7.1
MONTH	7.9	7.3	8.0	7.1	7.6	7.0	7.5	6.9	7.1	6.8	7.8	6.8

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.0	7.5	7.3	7.3	6.9	7.3	7.3	7.2	7.0	7.8	7.2
2	7.6	7.0	7.5	7.4	7.2	6.9	7.5	7.3	7.2	6.8	7.7	7.2
3	7.6	7.1	7.6	7.4	7.2	6.9	7.6	7.3	7.1	6.8	7.7	7.3
4	7.5	7.1	7.7	7.5	7.7	7.0	7.6	7.2	7.1	6.9	7.6	7.2
5	7.5	7.1	7.6	7.6	7.3	6.9	7.5	7.2	7.0	6.8	7.4	7.2
6	7.3	7.1	7.8	7.6	7.2	6.9	7.3	7.1	7.1	6.8	7.7	7.2
7	8.1	7.1	7.6	7.5	7.4	6.9	7.3	7.1	7.2	6.8	7.7	7.2
8	7.8	7.1	7.8	7.5	7.5	7.0	7.3	7.1	7.1	6.8	7.8	7.2
9	7.5	7.1	7.9	7.5	7.1	7.0	7.5	7.1	7.4	6.7	7.9	7.2
10	7.6	7.1	7.8	7.5	7.3	7.0	7.4	7.0	7.1	6.8	7.6	7.2
11	7.8	7.1	7.8	7.5	7.2	6.8	7.3	7.1	7.0	6.8	7.7	7.1
12	8.6	7.1	7.7	7.5	7.2	6.8	7.2	7.0	7.2	6.7	7.4	7.2
13	8.5	7.0	7.9	7.5	7.3	6.9	7.1	6.9	6.9	6.7	7.6	7.1
14	7.5	7.0	7.7	7.5	7.4	6.9	---	---	7.2	6.7	7.9	7.1
15	7.2	6.9	7.9	7.4	7.2	6.9	---	---	7.1	6.7	7.2	7.1
16	8.1	6.8	7.9	7.5	7.2	6.9	7.2	7.0	7.0	6.7	7.8	7.2
17	8.2	6.9	7.9	7.5	7.2	6.9	7.3	7.1	7.2	6.7	7.9	7.1
18	8.4	7.0	7.9	7.5	7.5	6.9	7.4	7.0	7.1	6.7	7.5	7.1
19	8.5	7.0	7.8	7.5	7.3	6.9	7.3	7.0	7.2	6.7	7.4	7.1
20	8.1	7.1	8.2	7.5	7.1	6.9	7.2	7.0	7.0	6.6	7.4	7.1
21	8.4	7.2	7.9	7.3	7.1	6.8	7.2	6.9	6.8	6.6	7.8	7.1
22	8.3	7.3	7.7	7.3	7.1	6.9	7.1	6.9	7.1	6.7	8.2	7.2
23	8.3	7.3	7.7	7.2	7.2	6.9	7.1	6.9	7.0	6.7	7.9	7.2
24	8.0	7.4	7.6	7.2	7.2	6.9	7.1	6.9	7.2	6.8	7.5	7.2
25	8.5	7.3	7.7	7.2	7.3	6.9	7.2	7.0	7.4	7.0	7.8	7.1
26	8.1	7.5	7.3	7.1	7.3	7.0	7.1	6.9	7.3	7.2	7.5	7.0
27	8.2	7.5	8.0	7.0	7.3	7.0	7.1	6.8	7.7	7.2	7.1	7.0
28	8.0	7.5	7.6	7.0	7.4	7.2	7.1	6.9	8.0	7.3	7.1	6.9
29	7.6	7.5	7.6	7.0	7.5	7.3	7.1	6.9	7.6	7.2	7.0	6.9
30	7.6	7.3	7.6	7.0	7.4	7.3	7.1	6.9	8.1	7.4	7.4	6.8
31	---	---	7.6	7.0	---	---	7.2	6.9	8.0	7.3	---	---
MONTH	8.6	6.8	8.2	7.0	7.7	6.8	7.6	6.8	8.1	6.6	8.2	6.8
YEAR	8.6	6.6										

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	24.5	25.5	22.0	19.0	20.0	17.5	15.0	16.0	11.0	10.0	10.5
2	26.5	24.0	25.0	21.0	18.5	20.0	17.0	15.0	16.0	10.5	9.0	9.5
3	26.5	22.5	24.0	21.0	19.5	20.0	16.5	14.5	16.0	10.0	8.0	9.5
4	26.0	23.5	24.5	20.0	18.0	19.0	17.0	14.5	16.0	9.5	9.0	9.5
5	27.0	24.5	25.0	19.5	17.0	18.0	18.0	14.5	16.0	9.0	8.5	8.5
6	26.0	24.0	24.5	19.0	16.0	18.0	17.5	15.0	16.0	8.5	7.0	8.0
7	26.0	24.0	25.0	19.0	14.0	17.0	18.0	15.5	16.0	8.5	6.5	8.0
8	25.5	24.0	25.0	18.5	15.0	17.0	17.5	15.5	16.0	8.0	7.5	8.0
9	25.5	24.0	25.0	18.5	17.0	18.0	17.0	16.0	16.5	8.0	7.5	8.0
10	26.0	23.5	24.5	20.0	17.0	18.0	16.5	14.5	15.5	8.5	6.5	7.5
11	25.0	23.5	24.5	18.5	17.5	18.0	16.0	14.0	15.5	8.0	5.5	7.0
12	26.0	22.0	23.5	18.5	16.0	17.5	15.5	13.5	15.0	8.0	7.0	7.5
13	25.0	21.5	23.5	17.5	15.5	17.0	15.5	13.5	15.0	8.5	7.0	7.5
14	25.0	22.0	23.5	17.0	16.0	16.5	15.0	13.5	14.5	8.5	7.5	7.5
15	25.0	21.0	23.5	18.0	16.0	17.0	14.5	12.0	14.0	9.0	7.5	8.0
16	25.0	21.0	23.0	17.5	16.0	17.0	14.0	11.5	13.0	8.5	7.5	8.0
17	25.0	21.0	22.5	18.5	17.0	17.5	14.0	11.5	13.0	8.0	7.5	7.5
18	24.5	20.5	22.0	18.0	15.5	17.0	14.0	11.5	13.0	8.5	8.0	8.0
19	24.5	21.5	23.0	17.5	16.0	17.0	14.5	11.5	13.0	9.5	8.0	8.5
20	23.0	21.5	22.5	18.0	17.0	17.5	14.5	12.0	13.5	8.5	8.0	8.5
21	24.0	20.5	22.0	17.0	15.5	16.5	14.5	13.0	13.5	9.0	8.0	8.5
22	22.0	19.0	21.0	17.0	15.0	16.0	14.0	13.0	13.5	9.5	8.5	9.0
23	22.0	18.0	20.0	18.0	14.5	16.0	14.0	11.0	12.0	10.5	8.5	9.5
24	22.5	17.5	20.0	18.0	16.5	17.0	12.5	11.0	12.0	11.0	9.0	10.0
25	22.5	18.5	20.0	17.0	15.0	16.5	12.0	10.5	11.5	11.0	10.5	11.0
26	22.5	19.0	20.0	17.0	16.0	16.5	11.5	10.5	11.5	11.0	10.5	11.0
27	22.0	19.0	20.0	16.5	15.5	16.0	12.0	10.0	11.0	11.5	10.5	11.0
28	22.5	18.5	20.0	17.5	14.0	15.5	11.5	11.0	11.0	12.0	11.0	11.5
29	22.0	18.5	20.0	17.5	14.0	15.5	11.0	10.5	11.0	12.0	11.5	12.0
30	23.0	18.5	20.0	17.0	14.0	15.5	11.0	9.0	10.5	12.0	11.5	12.0
31	22.0	19.0	20.0	---	---	---	11.0	9.5	10.5	11.5	11.5	11.5
MONTH	27.5	17.5	22.7	22.0	14.0	17.3	18.0	9.0	13.8	12.0	5.5	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	11.0	11.0	12.5	10.0	11.0	13.5	12.5	13.0	16.5	14.0	16.0
2	11.5	11.0	11.0	12.5	10.5	11.5	16.0	13.0	14.0	17.0	15.5	16.0
3	11.5	11.0	11.5	11.5	10.5	11.0	16.0	13.5	14.5	18.5	16.0	17.0
4	12.0	11.0	11.5	11.5	10.0	11.0	16.5	13.0	14.5	20.0	17.0	18.0
5	12.0	11.0	11.5	11.5	10.0	11.0	17.0	14.0	15.0	18.5	17.5	18.0
6	12.0	11.0	11.5	14.0	10.5	11.5	14.5	13.5	14.0	19.5	17.5	18.0
7	12.5	11.0	11.5	12.0	10.5	11.5	17.5	14.0	15.5	18.5	17.0	17.5
8	12.5	11.5	12.0	11.5	9.5	10.5	17.0	14.5	15.5	20.0	17.0	18.5
9	12.5	11.5	12.0	11.0	9.0	10.5	17.0	14.5	15.5	21.0	17.0	18.5
10	12.5	11.5	12.0	12.0	9.5	10.5	18.0	15.5	16.5	20.5	17.0	18.5
11	12.0	11.5	11.5	12.0	9.5	10.5	18.5	15.5	16.5	20.0	17.0	18.5
12	12.0	11.5	11.5	12.0	9.5	10.5	20.0	15.5	17.5	19.0	17.0	18.0
13	12.5	11.0	11.5	11.0	9.0	10.0	20.0	16.5	17.5	21.0	17.5	19.0
14	12.5	9.5	11.0	10.5	9.5	10.5	18.0	16.5	17.0	20.0	18.0	18.5
15	12.5	10.5	11.5	10.5	9.5	10.0	18.5	16.5	17.0	20.5	17.5	19.0
16	13.5	10.5	11.5	12.5	9.5	10.5	20.0	16.5	18.0	21.0	18.0	19.0
17	13.5	10.5	11.5	12.5	9.5	11.0	19.5	17.0	18.0	21.0	17.5	19.0
18	13.5	12.0	12.5	12.5	10.0	11.0	20.5	16.5	18.0	21.0	17.5	19.0
19	13.0	11.0	12.0	14.0	10.5	12.0	20.5	16.5	18.0	21.0	18.0	19.5
20	13.0	11.5	12.0	12.5	10.5	11.5	21.0	17.0	18.5	22.0	18.0	19.5
21	12.5	11.5	12.0	11.5	10.5	11.0	21.5	17.5	19.0	22.0	18.0	19.5
22	12.0	11.0	11.5	13.0	10.5	12.0	21.5	17.5	19.0	21.5	18.5	19.5
23	11.5	10.5	11.0	13.5	11.0	12.0	21.5	18.0	19.5	22.5	18.5	20.0
24	11.5	9.5	11.0	13.5	10.5	12.0	20.5	18.5	19.5	22.5	19.5	20.5
25	11.0	10.0	10.5	13.0	11.5	12.0	21.0	18.0	19.0	23.0	19.5	21.0
26	11.5	10.0	10.5	12.0	11.5	11.5	20.5	18.0	19.0	22.5	20.0	21.0
27	12.5	10.0	11.0	14.0	11.0	12.0	21.5	18.5	19.5	23.5	20.0	21.5
28	12.0	10.5	11.0	15.0	11.0	12.5	19.5	18.0	18.0	23.5	19.0	21.0
29	---	---	---	14.0	12.0	13.0	18.0	17.0	17.5	24.0	19.5	21.5
30	---	---	---	15.0	12.0	13.0	17.0	14.5	16.0	24.0	19.5	21.5
31	---	---	---	13.5	12.0	12.5	---	---	---	24.0	20.0	21.5
MONTH	13.5	9.5	11.4	15.0	9.0	11.3	21.5	12.5	17.0	24.0	14.0	19.1

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	20.0	21.5	25.5	24.0	25.0	31.5	28.0	29.0	29.5	24.5	26.5
2	23.0	20.5	21.5	28.0	24.0	25.5	30.0	27.0	28.5	29.0	25.5	27.0
3	24.5	20.5	22.5	28.5	24.0	25.5	30.0	27.5	28.5	29.0	26.0	27.5
4	27.0	22.0	23.0	28.0	24.5	26.0	30.5	26.0	28.0	29.0	25.5	27.0
5	24.5	21.5	22.5	29.0	24.5	26.0	29.5	26.0	28.0	27.5	26.5	27.0
6	24.0	21.5	22.5	26.5	25.0	25.5	30.5	27.5	28.5	30.0	26.0	27.5
7	25.5	22.0	23.0	27.5	25.0	26.0	30.0	27.0	28.0	29.5	26.5	27.5
8	26.5	22.0	23.5	27.0	25.0	26.0	30.5	27.5	28.5	29.0	26.0	27.5
9	25.0	22.5	24.0	28.5	25.5	26.5	30.5	28.0	29.0	29.0	26.0	27.0
10	26.5	23.0	24.5	28.0	25.5	26.5	30.0	27.0	28.5	28.5	25.5	26.5
11	25.0	23.0	23.5	27.5	25.5	26.0	31.5	28.0	29.0	29.5	24.0	26.5
12	28.0	23.0	24.0	26.0	24.0	25.0	30.5	27.5	29.0	27.5	24.5	26.0
13	26.5	22.5	24.0	25.5	24.0	24.5	31.0	28.0	29.0	28.0	24.0	25.5
14	28.0	23.0	24.5	---	---	---	30.0	27.5	29.0	28.0	24.5	26.0
15	25.5	23.5	24.0	---	---	---	30.5	27.0	28.5	26.5	24.5	25.5
16	25.0	23.0	24.0	27.5	25.0	26.5	30.5	27.5	28.5	27.0	23.0	24.5
17	25.5	23.5	24.0	28.0	25.5	26.5	31.0	27.0	29.0	27.0	23.0	24.5
18	27.5	22.5	24.0	28.5	25.5	26.5	31.0	27.5	29.5	26.5	23.0	24.5
19	24.5	22.5	23.5	28.5	25.0	26.5	32.0	27.5	29.0	26.0	23.0	24.5
20	24.0	22.0	23.0	29.0	25.0	27.0	30.0	26.5	28.0	25.0	23.0	24.0
21	24.5	22.5	23.5	29.0	26.5	27.5	30.0	27.0	29.0	26.5	23.5	24.5
22	24.5	23.0	24.0	28.0	26.0	27.0	31.0	28.0	29.0	24.5	22.0	23.5
23	26.0	22.5	24.0	28.5	26.5	27.0	30.0	27.0	28.5	26.0	22.0	23.5
24	25.5	23.0	24.0	28.5	26.5	27.5	29.0	26.5	28.0	25.5	21.5	23.0
25	25.5	23.5	24.0	29.5	26.0	27.5	30.5	27.0	28.5	26.0	22.5	24.0
26	24.0	21.5	23.0	28.5	26.0	27.5	30.5	27.5	28.5	25.5	23.0	24.0
27	25.0	23.0	23.5	29.0	26.5	27.5	31.0	27.5	29.0	24.0	23.5	23.5
28	26.5	23.5	24.0	29.5	27.0	28.0	30.5	27.5	29.0	24.0	22.5	23.5
29	26.0	24.0	24.5	29.5	27.0	28.0	29.5	27.5	28.5	24.5	22.5	23.5
30	25.5	24.0	24.5	29.5	27.0	28.0	29.5	25.0	28.0	24.5	21.5	23.0
31	---	---	---	30.0	27.5	28.5	28.5	24.5	27.0	---	---	---
MONTH	28.0	20.0	23.5	30.0	24.0	26.6	32.0	24.5	28.6	30.0	21.5	25.3
YEAR	32.0	5.5	18.8									

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.2	4.1	5.2	7.8	6.8	7.1	11.1	6.5	7.9	11.5	9.2	9.9
2	6.5	4.1	5.2	7.3	6.6	6.9	9.7	6.3	7.4	11.5	9.7	10.1
3	6.8	3.7	5.4	7.5	6.4	6.9	7.6	6.1	6.7	12.0	10.0	10.4
4	6.7	3.5	4.8	7.9	6.4	7.0	9.8	6.4	7.4	10.4	9.8	10.1
5	6.7	3.7	4.7	8.1	5.2	7.1	10.1	6.5	7.4	10.8	10.2	10.5
6	6.5	3.5	4.7	8.2	7.3	7.7	9.8	6.1	7.3	11.8	10.5	11.0
7	6.5	3.6	4.8	8.5	7.3	7.8	10.2	5.5	7.1	12.7	10.7	11.0
8	5.8	4.0	4.6	8.5	7.1	7.7	8.6	5.5	6.4	12.0	10.9	11.2
9	5.5	4.1	4.8	7.7	7.0	7.2	9.4	5.4	7.3	12.0	10.8	11.2
10	6.5	5.2	5.7	7.6	6.9	7.2	8.5	6.9	7.8	13.5	11.6	12.2
11	6.5	5.4	5.8	7.8	6.7	7.0	8.4	6.5	7.3	13.3	10.9	11.6
12	7.0	5.5	6.4	7.6	6.9	7.1	8.8	7.0	7.6	11.9	10.9	11.3
13	7.4	5.2	5.9	8.1	6.7	7.2	9.1	7.5	8.0	11.9	11.1	11.4
14	6.6	5.4	6.1	7.8	7.0	7.4	11.2	7.6	8.7	11.6	11.0	11.3
15	7.0	5.5	6.2	7.8	6.7	7.4	9.5	7.3	7.9	11.4	11.0	11.2
16	7.1	3.8	6.2	7.2	6.6	6.8	10.9	8.0	8.9	11.7	11.0	11.3
17	7.7	6.8	7.3	7.2	6.6	6.8	9.6	7.2	8.1	11.7	11.2	11.4
18	7.9	6.7	7.2	7.4	6.6	6.9	8.9	7.4	7.9	11.4	10.9	11.1
19	7.4	6.6	6.9	7.1	6.6	6.7	10.3	7.9	8.5	11.6	10.9	11.2
20	7.3	6.4	6.8	6.9	6.2	6.5	10.3	7.9	8.7	11.7	11.1	11.3
21	7.6	6.4	6.8	7.4	6.1	6.7	10.9	7.5	8.5	11.5	11.0	11.2
22	8.0	6.6	7.2	7.4	6.7	7.1	9.8	7.3	8.1	11.4	10.8	11.1
23	8.2	7.4	7.8	7.2	6.4	6.7	11.0	8.2	8.9	11.1	10.6	10.9
24	8.2	7.4	7.8	9.3	6.2	6.8	9.6	8.0	8.4	10.8	10.1	10.4
25	7.9	7.2	7.6	10.3	6.5	7.6	9.8	8.1	8.6	10.4	10.0	10.2
26	8.1	7.2	7.6	10.8	6.9	8.0	8.8	8.1	8.3	10.2	9.9	10.0
27	8.0	7.0	7.5	9.5	6.5	7.2	9.2	8.2	8.6	10.1	9.9	10.0
28	7.8	6.9	7.3	10.3	7.3	9.0	8.6	8.2	8.3	10.2	9.9	10.0
29	7.9	7.2	7.5	10.4	6.4	7.6	9.7	8.3	8.9	9.9	9.6	9.8
30	7.8	6.9	7.4	10.4	6.7	8.0	11.9	8.8	9.6	9.7	9.0	9.4
31	7.6	6.8	7.2	---	---	---	11.2	9.0	9.6	9.6	9.1	9.4
MONTH	8.2	3.5	6.3	10.8	5.2	7.2	11.9	5.4	8.1	13.5	9.0	10.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.6	9.2	9.4	10.9	10.1	10.3	8.5	8.1	8.3	9.1	7.8	8.3
2	9.4	9.0	9.2	10.7	10.0	10.3	10.0	8.1	8.8	8.2	7.6	8.0
3	9.1	8.8	8.9	10.5	9.8	10.2	10.2	7.9	8.6	8.3	7.4	7.8
4	9.1	8.7	8.9	11.3	9.9	10.2	10.1	7.8	8.5	8.8	7.0	7.7
5	9.5	8.9	9.2	11.0	10.2	10.4	10.2	7.7	8.3	7.9	6.8	7.3
6	9.4	9.1	9.3	11.1	9.9	10.4	9.7	7.7	8.3	8.9	6.8	7.4
7	9.6	9.0	9.3	11.6	10.3	10.5	11.0	7.7	8.8	7.6	6.7	7.1
8	9.6	9.0	9.2	11.6	10.3	10.5	11.0	7.6	8.4	9.3	6.7	7.6
9	9.5	9.2	9.4	11.2	10.0	10.4	10.5	7.3	8.0	9.1	6.8	7.6
10	9.6	9.4	9.5	11.1	10.1	10.4	9.5	6.9	7.9	9.1	6.6	7.4
11	9.8	9.5	9.6	10.5	10.0	10.2	10.2	6.8	7.7	9.1	6.5	7.3
12	9.6	9.3	9.5	10.7	9.8	10.1	12.6	6.6	8.5	8.3	6.3	7.1
13	10.6	9.4	9.8	11.7	9.7	10.2	12.4	7.4	8.9	8.8	6.3	7.2
14	11.0	10.0	10.4	10.6	9.8	10.0	10.8	7.2	8.4	8.7	6.1	6.8
15	10.4	9.8	10.1	10.6	9.9	10.1	10.1	7.0	7.7	8.6	5.9	6.9
16	10.5	9.7	10.0	11.3	9.7	10.2	11.1	6.8	8.5	8.9	6.0	6.8
17	10.6	9.3	9.8	10.3	9.3	9.9	11.2	7.1	8.5	8.9	5.7	6.7
18	10.3	9.2	9.6	9.7	8.7	9.3	11.2	7.3	8.7	8.7	5.6	6.6
19	10.3	9.6	9.9	10.2	8.6	9.2	11.0	7.2	8.6	8.3	5.4	6.4
20	10.3	9.6	9.8	10.1	8.8	9.2	10.5	7.1	8.3	10.6	5.5	7.3
21	10.1	9.7	9.9	9.5	8.8	9.0	10.4	6.9	8.2	10.1	6.0	7.4
22	10.9	9.9	10.2	9.1	8.5	8.9	10.4	6.8	8.2	9.5	5.7	6.9
23	10.4	9.9	10.1	9.8	8.4	8.8	10.3	6.6	8.0	9.2	5.4	6.7
24	10.8	9.9	10.3	9.7	8.4	8.8	9.2	6.5	7.5	8.8	5.2	6.4
25	10.7	10.0	10.3	9.8	8.3	8.6	10.5	6.2	7.8	9.2	5.0	6.3
26	11.2	10.1	10.4	9.7	8.3	8.6	10.9	6.2	7.9	7.6	4.7	5.6
27	11.0	10.1	10.4	10.2	8.4	8.9	11.0	7.1	8.6	9.8	4.4	6.4
28	10.6	10.1	10.3	10.4	8.5	9.2	8.6	7.0	7.7	9.2	4.7	6.5
29	---	---	---	10.3	8.3	9.0	9.2	7.3	8.0	9.7	4.7	6.4
30	---	---	---	10.4	8.3	8.9	9.6	8.1	8.8	9.6	4.5	6.4
31	---	---	---	9.5	8.2	8.7	---	---	---	9.6	4.5	6.4
MONTH	11.2	8.7	9.7	11.7	8.2	9.7	12.6	6.2	8.3	10.6	4.4	7.0

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.1	3.5	5.4	6.5	3.9	4.7	6.0	3.9	5.3	8.1	5.8	6.6
2	8.9	3.5	4.7	7.3	4.4	5.4	7.1	3.8	4.4	8.2	5.8	6.6
3	7.9	3.5	5.5	7.2	4.0	5.5	6.4	3.9	5.2	8.1	5.8	6.6
4	9.8	4.1	6.3	7.7	3.9	5.5	7.7	3.8	5.5	7.8	5.4	6.2
5	9.4	3.4	5.2	7.3	4.1	5.3	6.5	3.3	4.1	6.7	5.3	5.9
6	9.7	3.3	4.5	6.1	3.0	4.2	7.6	3.3	5.1	7.9	5.8	6.4
7	9.4	3.7	5.4	6.1	2.7	4.3	7.9	4.2	5.0	8.3	5.2	6.0
8	8.9	4.0	5.8	6.0	2.8	3.7	7.1	3.9	4.8	7.7	4.9	6.0
9	6.7	4.1	4.6	6.8	2.8	4.6	8.3	3.5	4.6	8.1	4.8	5.6
10	8.2	3.4	5.8	6.4	3.7	5.0	7.3	3.6	4.6	7.8	4.8	5.4
11	8.2	3.0	4.4	7.1	3.8	4.9	5.1	3.8	4.5	7.3	4.8	5.8
12	9.5	3.4	4.5	6.2	3.8	4.8	7.7	3.3	3.9	8.0	5.1	5.7
13	9.9	3.7	5.2	6.5	3.9	5.2	6.4	3.2	4.0	7.7	5.0	5.8
14	9.1	3.1	4.7	---	---	---	7.5	3.7	5.1	8.1	5.0	6.0
15	8.5	2.7	4.4	---	---	---	7.5	3.5	4.8	6.8	5.0	5.5
16	7.0	4.1	5.1	6.6	4.2	5.4	6.5	3.8	4.9	8.6	6.0	6.6
17	8.5	4.1	5.4	7.3	4.6	6.2	7.5	4.1	5.2	8.6	5.7	6.5
18	9.1	4.1	5.9	8.2	4.3	5.6	6.8	3.9	5.2	8.8	5.6	6.3
19	9.6	3.5	4.9	7.6	4.5	5.6	6.8	3.0	3.9	8.3	5.3	6.0
20	6.4	3.5	4.7	7.2	4.6	5.8	6.4	3.6	4.2	7.8	5.1	5.9
21	7.3	4.6	5.3	6.9	3.8	5.6	4.5	3.6	4.1	8.1	5.3	6.0
22	8.8	4.4	5.3	6.3	3.4	4.1	7.0	3.3	4.8	8.9	5.5	6.6
23	9.2	4.8	5.7	5.0	3.3	3.8	6.3	3.7	4.9	8.6	5.8	6.5
24	8.7	4.7	5.7	5.9	3.2	4.3	6.8	3.4	4.2	7.9	5.7	6.4
25	8.2	4.6	5.5	6.6	4.4	5.6	7.0	3.2	4.6	8.9	6.0	6.7
26	6.8	4.9	5.4	6.3	3.4	4.6	5.5	4.2	5.1	8.8	5.2	6.4
27	7.5	4.5	5.7	6.6	3.0	3.6	7.4	4.2	5.6	6.9	5.1	5.7
28	6.7	4.4	5.2	6.3	3.1	3.9	7.5	4.6	5.7	7.4	5.4	5.8
29	5.9	3.8	4.7	5.7	3.1	3.9	6.9	4.2	5.6	6.6	4.9	5.6
30	5.1	4.1	4.4	5.5	3.1	4.3	8.4	5.5	6.9	8.6	4.9	5.7
31	---	---	---	5.9	3.3	4.3	8.1	5.4	6.6	---	---	---
MONTH	9.9	2.7	5.2	8.2	2.7	4.8	8.4	3.0	4.9	8.9	4.8	6.1
YEAR	13.5	2.7	7.3									

02148315 WATEREE RIVER BELOW EASTOVER, SC

LOCATION.--Lat 33°49'42'', long 80°37'14'', Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi upstream from Southern Railway bridge, 1.8 mi northeast of Wateree, 4.5 mi southeast of Eastover, and at mile 10.8.

DRAINAGE AREA.--5,590 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft^3/s only.

GAGE.--Data collection platform. Datum of gage is 77.43 ft above sea level (South Carolina Electric and Gas Company benchmark).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft^3/s). Discharge represents only that portion of the flow confined to the main channel; less than about 10,000 ft^3/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 10,000 ft^3/s are not shown for Jan. 26-30, Feb. 3-5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2610	1620	1990	3580	9180	4310	3330	e5500	2020	3720	3530	e1500
2	2430	1730	2130	3870	9390	4780	3630	e7500	1830	3090	2160	e1450
3	2340	1920	2340	3540	---	4880	3730	e8800	1720	2530	2100	1450
4	1820	1880	3210	3990	---	3910	3090	8100	1770	2310	1970	1430
5	1770	1840	3670	7080	---	4580	3000	e5500	1640	2050	1670	1360
6	1700	1760	2740	8530	9260	4420	3080	e5100	1610	2000	2360	1340
7	1890	1530	2400	7340	8190	3880	3140	e4800	1770	2420	2260	1330
8	2020	1790	2150	6190	6980	3110	2830	4630	1840	2660	1800	1480
9	3180	1730	2360	5910	8110	3620	2670	4560	1970	2920	1800	1400
10	5620	1960	2350	5010	8650	4350	2790	3760	1910	2750	1530	1460
11	4480	1830	2480	3260	8210	4110	2930	3350	1700	2400	1630	1380
12	3740	1800	2730	4800	8530	4250	3000	3120	1790	2100	1520	1520
13	2460	1740	2530	6690	8360	4720	2770	2980	1740	1860	1440	1440
14	2800	1780	2170	5780	5890	3530	2690	2940	1720	1950	1580	1350
15	2560	1650	2040	6320	3420	3500	2630	2990	1750	2300	1780	1390
16	2230	1390	2790	7590	4090	3710	2560	3190	1880	3200	1500	1500
17	1860	1940	3510	8050	4830	3830	2730	3110	1810	3750	1640	1480
18	1760	2480	4130	6780	3610	3550	2560	3160	1900	2390	1810	1280
19	1690	2650	4770	8130	2950	3490	2350	2940	1760	2050	1860	1420
20	1800	2830	3750	9030	3110	3320	2240	2830	1710	2030	1710	1480
21	1930	2910	2530	8410	5630	3090	2220	2780	1700	2070	1650	1460
22	1960	2830	2000	7710	5850	3230	2190	2760	1670	2060	1640	1580
23	2060	2140	2470	7590	6680	3920	2150	2750	1750	2940	1400	1640
24	1630	2140	2060	8210	7610	4540	2130	2730	1650	4150	1430	1720
25	1530	3190	2770	9960	7640	3700	2110	2690	1600	3660	1610	1580
26	1660	3090	4790	---	7340	3580	2120	2670	1850	2520	1410	1150
27	1740	2370	7310	---	6500	3960	2050	2650	5020	2950	1370	1070
28	1650	2580	5730	---	5320	3850	1990	2520	4280	3650	1820	1790
29	1840	2020	5580	---	---	3390	2150	2210	3590	3880	1810	2330
30	1740	1950	4280	---	---	3090	2540	2100	3630	4030	1620	2420
31	1440	---	3340	9630	---	3420	---	2060	---	4760	1440	---
TOTAL	69940	63070	99100	---	---	119620	79400	116780	62580	87150	54850	45180
MEAN	2256	2102	3197	---	---	3859	2647	3767	2086	2811	1769	1506
MAX	5620	3190	7310	---	---	4880	3730	8800	5020	4760	3530	2420
MIN	1440	1390	1990	---	---	3090	1990	2060	1600	1860	1370	1070
CFSM	.40	.38	.57	---	---	.69	.47	.67	.37	.50	.32	.27
IN.	.47	.42	.66	---	---	.80	.53	.78	.42	.58	.37	.30

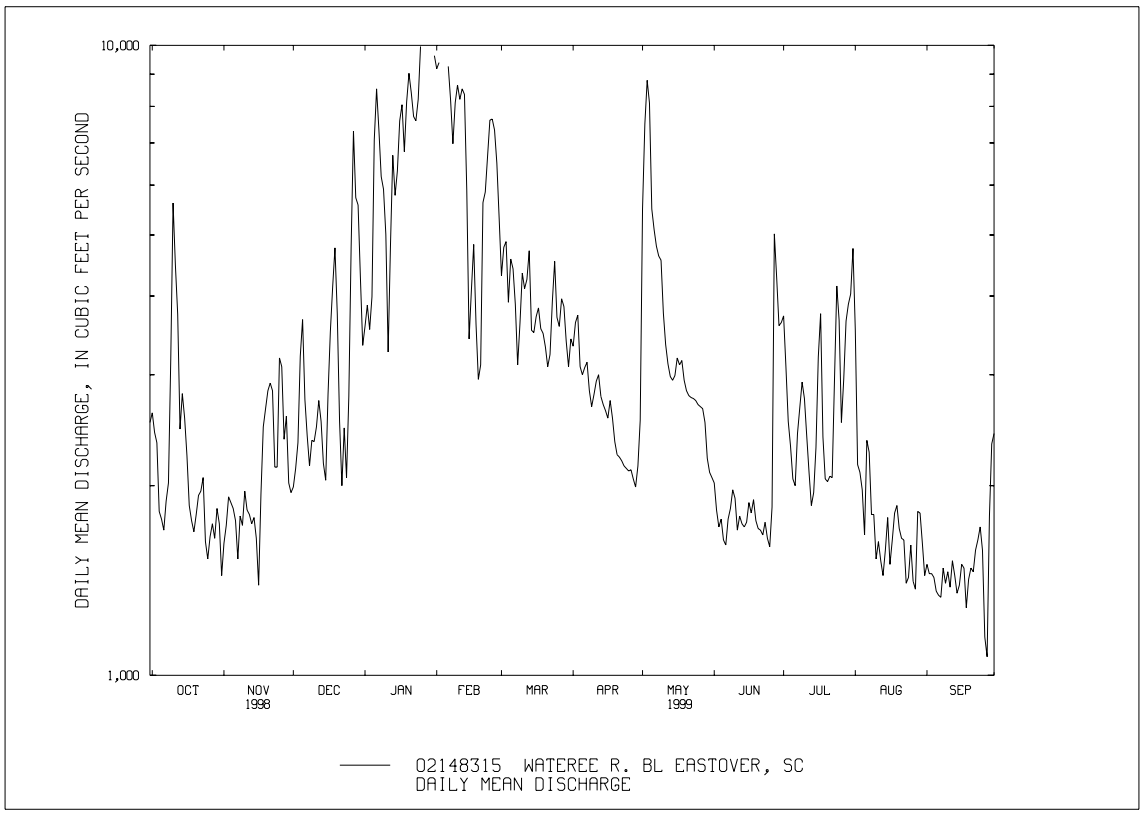
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1999, BY WATER YEAR (WY)

MEAN	3246	4078	5146	7037	6868	5612	5401	5144	5041	4273	4055	3481
MAX	7683	9274	7399	8760	9155	8476	9550	9104	9698	7239	6608	6908
(WY)	1980	1978	1997	1980	1972	1980	1980	1975	1973	1989	1974	1979
MIN	1650	1623	2885	4046	3048	3635	2344	1440	1350	1507	1627	1506
(WY)	1994	1982	1989	1989	1977	1981	1985	1986	1988	1986	1988	1999

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1968 - 1999	
LOWEST DAILY MEAN	1070	Sep 27	549	Oct 22 1986
INSTANTANEOUS PEAK FLOW	Unknown	Jan 27	Unknown	Oct 6 1989
INSTANTANEOUS PEAK STAGE	15.05	Jan 27	17.98	Oct 6 1989

e Estimated



02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: February 1971 to current year.

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: October 1970 to current year.

INSTRUMENTATION.--Hydolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 305 microsiemens, Sep. 18, 1992; minimum, 40 microsiemens, Sep. 1, 1984.

pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.2 units, Jun. 2, 1995.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 19, 20, 1986; minimum, 1.0°C, Jan. 22, 1985.

DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Jan. 22, 1977; minimum, 2.1 mg/L, Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 287 microsiemens, Sep. 15; minimum, 106 microsiemens, Mar. 17.

pH: Maximum, 8.0 units, Nov. 21, 22; minimum, 5.8 units, Feb. 6, 7.

WATER TEMPERATURE: Maximum, 31.5, Aug. 2, 13, 14; minimum, 6.5°C, Jan. 11, 12.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Jan. 12; minimum, 4.4 mg/L, Oct. 24.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	158	153	155	188	179	181	179	172	176	201	187	195
2	157	153	156	179	169	174	176	171	174	201	196	199
3	162	152	157	169	160	163	181	170	177	204	193	200
4	173	158	166	170	161	165	181	168	174	193	184	190
5	172	168	170	170	165	168	176	170	175	190	143	174
6	173	117	152	174	164	168	181	176	179	201	190	194
7	169	161	165	176	162	172	181	178	179	201	197	199
8	165	158	162	167	161	165	186	179	183	211	195	199
9	164	135	149	168	142	164	181	175	178	217	208	213
10	137	132	134	165	158	162	185	176	183	223	208	218
11	141	136	139	167	159	164	186	179	183	227	219	223
12	151	139	144	166	162	164	179	176	177	230	197	215
13	159	122	146	166	161	164	186	178	184	230	223	226
14	155	151	152	167	162	164	190	184	187	224	221	222
15	159	153	156	172	165	168	190	185	188	223	220	222
16	163	157	160	182	171	176	186	154	169	224	210	219
17	172	163	168	179	155	162	165	157	162	213	204	208
18	176	168	172	159	152	156	161	117	145	204	196	201
19	178	171	174	156	152	154	155	145	151	208	195	201
20	178	169	173	152	147	150	163	138	148	208	189	200
21	175	131	160	158	150	156	139	127	134	196	185	190
22	175	169	171	164	155	159	133	127	129	196	191	194
23	174	167	169	170	159	166	145	133	137	195	189	193
24	183	174	180	169	160	165	150	144	148	193	184	188
25	189	181	185	160	154	156	151	142	145	197	185	191
26	188	178	181	171	157	162	164	151	157	185	177	181
27	181	174	177	175	171	173	180	156	169	177	166	172
28	183	178	181	173	165	168	182	180	181	167	161	163
29	182	174	177	187	172	181	190	175	182	161	153	156
30	186	175	179	184	172	178	195	190	194	158	151	155
31	189	185	187	---	---	---	201	191	196	151	140	143
MONTH	189	117	164	188	142	166	201	117	169	230	140	195

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	146	139	141	144	142	143	153	147	151	---	---	---
2	146	139	142	142	139	141	152	145	148	---	---	---
3	142	129	135	139	129	137	152	145	149	---	---	---
4	129	121	125	144	139	143	152	140	145	139	136	138
5	121	115	118	144	140	142	145	140	142	---	---	---
6	118	116	117	144	142	143	150	144	149	---	---	---
7	121	116	118	147	141	145	155	149	152	---	---	---
8	122	120	121	150	146	148	170	155	163	169	151	163
9	126	120	122	151	143	147	171	168	170	169	149	162
10	126	122	124	146	142	144	169	165	168	169	165	167
11	126	123	125	143	142	143	169	160	165	178	169	175
12	127	125	126	143	139	140	163	158	161	187	178	183
13	127	125	126	144	140	142	166	161	164	194	187	191
14	135	126	130	148	144	146	170	163	168	198	193	195
15	144	135	140	147	145	146	172	165	170	199	193	197
16	144	128	136	147	114	136	173	168	170	198	192	194
17	138	130	133	123	106	112	169	165	167	199	194	197
18	139	135	137	115	111	113	170	166	168	197	186	195
19	147	136	141	117	114	116	170	166	168	199	195	197
20	149	126	141	147	117	127	172	168	170	202	198	201
21	132	124	129	148	143	145	172	170	171	205	201	204
22	132	128	130	146	124	140	175	171	173	205	200	203
23	133	129	132	139	119	126	176	156	173	203	201	202
24	135	133	134	136	126	131	181	176	179	205	192	200
25	134	126	133	142	121	136	183	179	181	195	167	191
26	137	133	135	144	139	141	182	178	180	195	192	193
27	138	136	137	145	141	143	184	180	182	194	193	193
28	142	138	141	145	132	143	182	179	180	212	193	198
29	---	---	---	145	143	145	180	171	175	216	202	210
30	---	---	---	146	144	146	171	158	164	203	200	202
31	---	---	---	147	145	146	---	---	---	204	201	202
MONTH	149	115	131	151	106	139	184	140	166	216	136	190

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	205	200	203	171	161	166	227	218	222	---	---	---
2	209	205	207	175	171	174	241	226	234	---	---	---
3	216	206	210	181	175	177	238	227	232	270	265	266
4	214	206	209	186	181	184	245	231	240	280	265	271
5	219	208	213	195	186	191	249	236	244	280	271	275
6	218	210	214	197	194	195	236	227	232	283	271	276
7	211	207	209	197	193	195	246	231	241	284	265	275
8	211	204	207	195	186	193	252	245	248	270	260	264
9	208	202	205	194	189	191	257	251	254	267	260	264
10	207	204	206	199	187	195	262	255	258	274	259	265
11	218	205	211	190	179	184	261	248	252	273	265	269
12	217	210	213	201	190	197	265	249	257	266	263	265
13	220	211	215	208	201	205	263	255	257	279	262	270
14	220	214	216	208	197	204	264	207	246	285	264	271
15	219	214	216	202	196	199	217	208	213	287	206	244
16	218	210	212	199	178	190	263	208	232	216	201	205
17	215	178	202	208	185	198	262	254	259	243	182	203
18	210	204	207	218	208	213	256	251	253	252	241	246
19	212	208	210	214	209	212	253	248	251	248	231	237
20	212	205	208	218	209	215	259	253	257	263	243	253
21	212	206	208	217	212	215	254	250	252	264	249	255
22	216	211	213	223	211	218	258	252	255	262	247	254
23	218	214	216	218	186	211	275	257	264	249	243	246
24	220	217	218	214	199	210	272	204	256	244	219	229
25	220	218	219	223	199	216	269	209	256	245	221	232
26	219	197	210	226	217	223	272	268	270	250	178	217
27	197	147	174	218	192	209	271	259	268	248	173	195
28	148	147	148	211	200	206	259	236	246	230	172	202
29	153	139	147	218	211	214	248	197	232	208	188	200
30	161	148	154	219	216	218	247	244	245	191	166	183
31	---	---	---	220	215	217	252	242	247	---	---	---
MONTH	220	139	203	226	161	201	275	197	248	287	166	244
YEAR	287	106	185									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.6	7.5	7.8	7.8	7.6	7.5	7.1	7.0	6.4	6.2	7.1	6.9
2	7.6	7.5	7.9	7.7	7.6	7.5	7.1	7.1	6.4	6.3	7.2	7.0
3	7.6	7.5	7.8	7.7	7.5	7.5	7.1	7.1	6.3	6.1	7.2	7.0
4	7.5	7.5	7.7	7.6	7.5	7.4	7.1	7.0	6.1	6.0	7.2	7.0
5	7.5	7.5	7.7	7.6	7.4	7.4	7.1	6.9	6.0	5.9	7.2	7.0
6	7.6	7.5	7.6	7.6	7.4	7.3	7.1	7.1	5.9	5.8	7.2	7.1
7	7.6	7.5	7.6	7.5	7.3	7.3	7.1	7.0	6.0	5.8	7.1	7.1
8	7.6	7.5	7.7	7.6	7.3	7.1	7.1	7.0	6.0	5.9	7.1	7.0
9	7.7	7.5	7.7	7.7	7.2	7.0	7.1	7.1	6.9	6.0	7.1	7.0
10	7.7	7.6	7.8	7.7	7.0	7.0	7.1	7.1	6.9	6.7	7.1	7.0
11	7.7	7.6	7.8	7.7	7.0	7.0	7.1	7.0	6.8	6.7	7.1	7.1
12	7.7	7.7	7.7	7.7	7.0	7.0	7.2	6.9	6.8	6.8	7.1	7.1
13	7.7	7.7	7.7	7.7	7.0	7.0	7.2	7.2	6.8	6.8	7.1	7.1
14	7.7	7.7	7.8	7.7	7.0	6.9	7.2	7.2	6.8	6.7	7.1	7.0
15	7.7	7.7	7.8	7.6	7.0	6.9	7.2	7.2	7.0	6.7	7.1	7.0
16	7.7	7.7	7.7	7.6	7.0	6.9	7.2	7.2	7.2	7.0	7.1	7.0
17	7.7	7.6	7.8	7.6	7.0	7.0	7.2	7.1	7.2	7.1	7.0	6.9
18	7.6	7.6	7.9	7.8	7.0	6.9	7.1	7.1	7.1	7.0	7.0	6.7
19	7.7	7.6	7.9	7.8	7.0	6.9	7.2	7.1	7.0	6.9	6.9	6.8
20	7.8	7.7	7.9	7.8	7.0	6.9	7.2	7.1	7.0	6.9	7.0	6.9
21	7.8	7.6	8.0	7.9	6.9	6.8	7.1	7.0	7.1	7.0	7.0	6.9
22	7.8	7.6	8.0	7.9	6.8	6.8	7.0	7.0	7.1	7.1	7.0	6.9
23	7.7	7.6	7.9	7.7	7.0	6.8	7.0	7.0	7.1	7.1	7.0	6.9
24	7.8	7.6	7.9	7.9	7.0	6.9	7.0	6.9	7.1	7.1	7.0	6.9
25	7.8	7.7	7.9	7.8	7.0	6.9	7.0	6.9	7.1	7.0	7.0	6.9
26	7.8	7.8	7.8	7.8	7.1	7.0	6.9	6.7	7.2	6.9	7.1	7.0
27	7.8	7.8	7.8	7.7	7.0	7.0	6.7	6.5	7.2	6.9	7.1	7.0
28	7.8	7.8	7.8	7.7	7.0	7.0	6.5	6.3	7.2	7.0	7.1	7.0
29	7.8	7.8	7.7	7.6	7.1	7.0	6.3	6.2	---	---	7.0	7.0
30	7.8	7.7	7.6	7.5	7.1	7.0	6.3	6.2	---	---	7.1	6.9
31	7.8	7.8	---	---	7.1	7.0	6.2	6.0	---	---	7.2	7.1
MONTH	7.8	7.5	8.0	7.5	7.6	6.8	7.2	6.0	7.2	5.8	7.2	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	---	---	7.2	7.2	6.9	6.9	7.3	7.2	---	---
2	7.2	7.1	---	---	7.2	7.2	7.0	6.9	7.3	7.2	---	---
3	7.2	7.1	---	---	7.2	7.1	7.0	6.9	7.2	7.2	6.7	6.6
4	7.2	7.1	---	---	7.2	7.1	7.0	6.9	7.2	7.1	6.7	6.5
5	7.2	7.2	---	---	7.2	7.1	7.1	7.0	7.1	7.0	6.7	6.6
6	7.3	7.2	---	---	7.1	7.1	7.1	7.0	7.2	7.0	6.7	6.6
7	7.3	7.2	---	---	7.2	7.1	7.1	7.1	7.2	7.1	6.6	6.5
8	---	---	7.5	7.4	7.2	7.2	7.2	7.1	7.2	7.1	---	---
9	---	---	7.5	7.4	7.2	7.2	7.2	7.2	7.1	7.1	---	---
10	---	---	7.4	7.3	7.2	7.2	7.2	7.2	7.1	7.1	---	---
11	---	---	7.4	7.3	7.2	7.2	7.2	7.2	7.2	7.0	---	---
12	---	---	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.0	---	---
13	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0	---	---
14	7.4	7.3	7.4	7.3	7.2	7.2	7.2	7.1	7.1	7.0	---	---
15	7.4	7.3	7.4	7.3	7.3	7.2	7.1	7.1	7.1	7.0	---	---
16	7.4	7.3	7.3	7.3	7.3	7.2	7.1	7.0	7.1	7.0	---	---
17	7.4	7.3	7.3	7.3	7.2	7.1	7.1	7.0	7.1	7.0	---	---
18	7.3	7.3	7.3	7.3	7.2	7.1	7.1	7.0	7.1	7.0	---	---
19	7.3	7.3	7.3	7.3	7.2	7.1	7.1	7.0	7.1	7.0	---	---
20	7.3	7.2	7.3	7.3	7.1	7.1	7.2	7.1	7.0	6.9	---	---
21	7.3	7.1	7.3	7.3	7.1	7.1	7.1	7.1	7.0	6.9	6.8	6.7
22	7.2	7.1	7.3	7.2	7.1	7.1	7.2	7.1	7.0	6.9	6.8	6.8
23	7.4	7.1	7.3	7.2	7.2	7.1	7.2	7.1	7.0	6.8	6.9	6.8
24	7.4	7.3	7.3	7.2	7.1	7.1	7.2	7.2	7.0	6.9	7.0	6.9
25	7.4	7.3	7.3	7.3	7.1	7.1	7.2	7.2	6.9	6.8	7.1	7.0
26	7.6	7.3	7.3	7.3	7.1	7.1	7.3	7.1	6.9	6.8	7.1	7.0
27	7.6	7.5	7.3	7.3	7.1	6.7	7.3	7.2	6.9	6.8	7.0	6.9
28	7.5	7.5	7.3	7.3	6.8	6.7	7.3	7.2	6.8	6.8	7.0	6.9
29	7.5	7.5	7.3	7.2	6.8	6.6	7.3	7.2	6.8	6.8	7.0	6.9
30	7.6	7.5	7.2	7.2	6.9	6.8	7.3	7.2	6.8	6.7	7.1	6.9
31	---	---	7.2	7.2	---	---	7.2	7.2	6.9	6.7	---	---
MONTH	7.6	7.1	7.5	7.2	7.3	6.6	7.3	6.9	7.3	6.7	7.1	6.5

YEAR	8.0	5.8

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	25.0	25.5	20.0	19.0	19.5	16.0	15.0	15.5	9.0	8.0	9.0
2	26.0	25.0	25.5	20.0	19.5	20.0	15.5	15.0	15.5	9.0	8.5	8.5
3	25.0	24.0	24.5	20.5	20.0	20.0	15.5	15.0	15.5	9.0	8.5	9.0
4	24.5	24.0	24.0	20.0	19.0	19.5	15.5	15.0	15.5	9.0	8.0	8.0
5	24.5	23.5	24.0	19.0	17.5	18.0	16.0	15.0	15.5	8.0	7.5	7.5
6	24.5	24.0	24.5	17.5	16.0	16.5	16.5	15.5	16.0	8.0	7.5	7.5
7	25.0	24.0	24.5	16.0	14.5	15.0	17.0	16.0	16.5	7.5	7.0	7.0
8	25.0	24.5	24.5	14.5	14.0	14.0	17.5	17.0	17.0	8.0	7.0	7.5
9	24.5	24.0	24.5	15.5	14.5	15.0	17.5	17.0	17.5	8.0	7.5	8.0
10	24.0	23.5	24.0	16.5	15.0	15.5	17.0	15.5	16.0	8.0	7.5	7.5
11	24.0	23.0	23.5	17.5	16.5	17.5	15.5	14.5	14.5	7.5	6.5	7.0
12	24.0	22.5	23.0	17.0	16.5	17.0	14.5	13.5	14.0	7.5	6.5	7.0
13	23.5	22.5	23.0	16.5	15.5	16.0	14.0	13.5	13.5	7.5	7.0	7.5
14	23.5	22.5	23.0	15.5	15.5	15.5	13.5	12.5	13.5	8.0	7.5	8.0
15	23.0	22.0	22.5	16.0	15.5	15.5	12.5	11.5	12.0	9.0	8.0	8.5
16	22.5	21.5	22.0	16.0	15.5	15.5	11.5	11.0	11.5	8.5	8.0	8.0
17	22.0	21.0	21.5	17.0	16.0	16.5	12.0	11.0	11.5	8.0	7.5	7.5
18	21.5	20.5	21.0	17.0	16.5	16.5	11.5	10.5	11.0	8.5	8.0	8.5
19	22.0	21.0	21.5	17.0	16.5	16.5	11.5	10.5	11.0	8.5	8.0	8.5
20	22.0	21.5	22.0	16.5	16.0	16.5	13.0	11.0	12.5	8.5	8.0	8.0
21	22.0	21.0	21.5	16.5	16.0	16.0	13.0	12.5	13.0	9.0	8.5	8.5
22	21.0	19.0	20.0	16.0	15.0	15.5	14.5	13.0	14.0	9.5	9.0	9.0
23	19.0	18.0	18.5	15.0	14.5	15.0	14.5	13.0	13.5	10.0	9.5	9.5
24	18.0	17.0	17.5	15.5	15.0	15.5	13.0	10.5	11.5	10.5	10.0	10.5
25	17.5	16.5	17.0	16.5	15.5	16.0	10.5	9.0	9.5	10.5	9.5	10.0
26	18.0	16.5	17.5	17.0	16.0	16.5	9.5	9.0	9.5	11.0	10.0	10.5
27	19.0	17.5	18.5	16.5	15.0	15.5	10.0	9.5	10.0	11.0	10.5	10.5
28	19.5	18.0	18.5	15.0	14.5	15.0	10.0	10.0	10.0	11.5	11.0	11.0
29	19.5	18.5	19.0	14.5	14.0	14.5	10.5	10.0	10.5	12.0	11.5	11.5
30	20.0	19.0	19.5	15.0	14.0	14.5	10.5	10.0	10.0	12.0	12.0	12.0
31	20.0	19.0	19.5	---	---	---	10.0	9.0	9.5	12.0	11.0	11.5
MONTH	26.0	16.5	21.8	20.5	14.0	16.3	17.5	9.0	13.1	12.0	6.5	8.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	10.0	10.5	12.5	11.0	11.5	15.0	14.0	14.5	---	---	---
2	11.0	10.0	10.5	12.0	11.0	11.5	16.0	14.5	15.0	---	---	---
3	11.0	11.0	11.0	12.0	11.0	11.5	16.5	15.0	16.0	---	---	---
4	11.5	11.0	11.5	11.5	10.5	11.0	18.5	16.5	17.5	18.0	17.0	17.5
5	11.5	11.5	11.5	11.0	10.0	10.5	19.0	17.5	18.5	---	---	---
6	11.5	11.0	11.0	11.5	10.0	11.0	19.0	17.5	18.0	---	---	---
7	12.0	11.0	11.5	12.0	11.0	11.5	18.5	16.5	17.5	---	---	---
8	13.0	12.0	12.5	12.0	10.5	11.0	18.5	16.5	17.5	20.5	19.0	19.5
9	12.5	12.5	12.5	11.5	9.5	10.5	19.5	18.0	18.5	20.5	19.5	20.0
10	12.5	12.0	12.5	10.0	9.5	10.0	20.0	18.5	19.5	21.5	19.5	20.5
11	13.0	12.5	12.5	11.0	9.5	10.0	20.5	19.0	19.5	22.0	20.5	21.5
12	12.5	12.5	12.5	11.5	10.0	10.5	20.5	19.0	20.0	22.0	21.0	21.5
13	12.5	11.5	12.0	11.0	10.5	10.5	19.5	18.0	19.0	21.5	20.5	21.0
14	11.5	10.5	11.0	11.0	10.0	10.5	19.0	17.5	18.0	21.5	20.5	21.0
15	10.5	9.5	10.0	11.0	10.0	10.5	18.5	17.5	18.0	21.0	20.0	20.5
16	10.5	9.5	10.0	10.5	9.5	10.0	18.0	17.0	17.5	21.5	19.5	20.5
17	12.0	10.5	11.5	11.5	10.0	11.0	18.0	17.0	17.5	22.0	20.5	21.0
18	13.0	12.0	12.5	13.5	11.0	12.0	18.0	16.5	17.5	22.5	20.5	21.5
19	13.0	12.0	12.5	14.0	12.0	13.0	18.0	17.0	17.5	22.5	21.5	22.0
20	12.5	12.0	12.0	14.0	12.5	13.0	19.0	17.5	18.5	22.5	21.0	22.0
21	12.0	11.5	11.5	14.5	13.5	14.0	20.5	18.5	19.5	23.0	21.5	22.0
22	11.5	10.5	11.0	14.5	13.0	13.5	21.5	20.0	20.5	23.0	21.5	22.5
23	10.5	10.0	10.5	13.5	12.5	13.0	22.5	21.0	21.5	23.5	22.0	23.0
24	10.0	10.0	10.0	14.5	13.0	13.5	22.5	22.0	22.0	23.5	22.5	23.0
25	10.0	10.0	10.0	15.0	13.5	14.0	22.0	21.0	21.5	24.0	22.0	23.0
26	10.5	10.0	10.5	15.0	13.0	14.0	21.5	20.5	21.0	23.5	22.5	23.0
27	11.0	10.5	10.5	13.0	12.0	12.5	21.5	20.5	21.0	24.5	22.5	23.5
28	12.0	10.5	11.5	13.0	12.0	12.5	21.0	19.5	20.5	24.0	22.5	23.5
29	---	---	---	14.0	12.5	13.5	19.5	17.5	18.5	24.5	22.5	23.5
30	---	---	---	15.0	13.0	14.0	17.5	14.5	15.5	25.0	23.5	24.0
31	---	---	---	15.0	14.0	14.5	---	---	---	25.0	24.0	24.5
MONTH	13.0	9.5	11.3	15.0	9.5	11.9	22.5	14.0	18.6	25.0	17.0	21.8

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.0	24.0	24.5	26.0	25.0	25.5	31.0	29.5	30.5	---	---	---
2	25.5	24.5	25.0	27.0	25.0	26.0	31.5	30.5	31.0	---	---	---
3	26.0	24.5	25.0	28.5	26.0	27.0	31.0	30.0	30.5	27.5	25.5	26.5
4	26.5	25.0	26.0	29.5	27.5	28.5	30.5	29.0	30.0	28.0	26.5	27.0
5	27.0	25.5	26.5	30.0	28.5	29.0	30.0	28.5	29.5	27.5	26.5	27.0
6	27.5	25.5	26.5	29.5	28.5	29.0	30.0	29.0	29.5	28.0	26.0	27.0
7	27.5	26.0	27.0	29.0	28.0	28.5	30.5	29.0	29.5	28.5	27.0	28.0
8	28.0	26.0	27.0	28.5	27.0	28.0	31.0	29.5	30.0	29.0	27.0	28.0
9	28.5	26.5	27.5	29.5	28.0	28.5	31.0	29.5	30.5	29.5	28.0	28.5
10	28.0	27.0	27.5	29.5	28.0	28.5	30.5	29.5	30.0	29.0	28.0	28.5
11	28.0	27.0	27.5	29.0	28.0	28.5	30.5	29.0	30.0	28.5	27.0	27.5
12	28.0	26.5	27.0	28.0	26.5	27.0	31.0	29.5	30.5	27.5	26.0	27.0
13	27.5	26.0	26.5	26.5	24.0	25.0	31.5	30.0	31.0	27.0	25.5	26.5
14	27.5	26.0	27.0	24.0	23.5	23.5	31.5	30.0	30.5	26.5	25.0	26.0
15	27.5	27.0	27.5	25.0	23.5	24.0	30.5	29.0	30.0	26.0	24.0	25.0
16	27.5	26.5	27.0	27.0	25.0	26.0	30.5	29.5	30.0	25.0	23.5	24.0
17	26.5	25.5	26.0	27.5	26.5	27.0	30.5	29.0	30.0	24.5	23.0	24.0
18	26.0	25.0	25.5	28.5	27.0	27.5	31.0	29.5	30.5	24.5	23.0	23.5
19	25.5	24.5	25.0	29.5	27.5	28.5	31.0	30.0	30.5	24.0	23.0	23.5
20	24.5	23.5	24.0	29.5	28.0	29.0	30.5	29.0	29.5	24.0	23.5	24.0
21	24.0	23.0	23.5	30.0	28.5	29.5	30.0	28.5	29.0	24.5	23.5	24.0
22	24.0	23.0	23.5	31.0	29.5	30.0	29.5	28.5	29.0	24.0	23.0	23.5
23	25.0	23.0	24.0	31.0	30.0	30.5	29.5	28.5	29.0	23.0	22.0	22.5
24	26.0	24.0	25.0	30.0	29.5	29.5	29.0	28.5	28.5	22.5	21.5	22.0
25	26.0	25.0	25.5	29.5	29.0	29.5	29.5	28.0	28.5	23.5	21.5	22.5
26	26.0	25.5	25.5	30.5	28.5	29.5	29.5	28.0	29.0	24.5	23.0	23.5
27	25.5	23.5	24.5	30.5	29.0	30.0	29.5	28.0	29.0	24.5	24.0	24.0
28	25.0	24.0	24.5	29.5	28.5	29.0	29.5	28.5	29.0	24.5	24.0	24.5
29	25.5	25.0	25.5	29.5	29.0	29.5	29.0	28.5	28.5	24.5	24.0	24.0
30	26.0	25.0	25.5	30.0	29.5	29.5	28.5	27.5	28.0	24.5	23.5	24.0
31	---	---	---	30.0	29.0	29.5	27.5	26.0	26.5	---	---	---
MONTH	28.5	23.0	25.8	31.0	23.5	28.1	31.5	26.0	29.6	29.5	21.5	25.2
YEAR	31.5	6.5	19.3									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	8.7	8.4	8.5	11.5	10.7	11.2
2	---	---	---	---	---	---	8.5	8.3	8.3	11.5	11.1	11.3
3	6.2	5.8	6.0	---	---	---	8.6	8.3	8.5	11.4	11.1	11.2
4	6.1	5.8	6.0	---	---	---	8.7	8.4	8.6	11.8	11.3	11.6
5	6.0	5.3	5.7	---	---	---	8.4	8.0	8.1	12.0	11.2	11.6
6	6.0	5.4	5.6	8.9	8.3	8.6	8.4	8.2	8.3	11.7	11.2	11.5
7	5.9	5.3	5.7	9.4	8.9	9.2	8.4	8.2	8.3	11.9	11.6	11.8
8	6.0	5.2	5.8	9.7	9.3	9.6	8.3	8.0	8.1	12.2	11.7	12.0
9	7.2	5.1	6.3	9.5	9.1	9.3	8.4	8.0	8.1	11.7	11.4	11.5
10	6.7	6.3	6.5	9.4	9.0	9.2	8.6	8.3	8.4	11.7	11.5	11.6
11	7.0	6.4	6.7	9.2	8.6	8.9	9.3	8.6	8.9	12.1	11.2	11.8
12	7.3	7.0	7.2	8.9	8.7	8.8	9.5	9.2	9.3	12.8	11.0	11.9
13	7.2	5.3	6.2	9.1	8.9	9.1	9.2	9.1	9.2	12.0	11.8	11.9
14	6.4	5.2	6.0	9.2	9.1	9.2	9.3	9.1	9.2	11.9	11.5	11.7
15	7.5	6.3	7.0	9.2	7.0	8.6	10.2	9.3	9.6	11.7	11.2	11.4
16	7.7	7.2	7.5	8.4	6.7	7.7	10.6	9.9	10.3	11.6	11.4	11.5
17	7.7	6.5	7.3	8.8	7.3	8.4	10.5	9.9	10.1	11.8	11.6	11.7
18	7.9	6.6	7.5	8.6	8.2	8.4	10.6	10.0	10.3	11.6	11.2	11.3
19	7.5	6.8	7.2	8.2	7.2	7.8	10.4	9.9	10.1	11.4	11.1	11.2
20	7.6	7.1	7.4	8.7	7.5	8.1	10.0	9.2	9.5	11.4	10.9	11.2
21	7.2	5.7	6.6	8.7	8.0	8.3	9.2	8.8	9.0	11.1	10.9	11.0
22	7.5	5.8	6.9	8.8	7.8	8.4	8.9	8.3	8.5	10.9	10.8	10.8
23	7.4	4.7	6.1	8.2	5.3	6.8	9.2	8.4	8.8	10.8	10.6	10.7
24	7.1	4.4	5.6	8.5	8.2	8.3	9.9	9.2	9.4	10.6	10.1	10.4
25	8.0	7.1	7.6	8.3	7.8	8.1	11.6	9.9	10.7	10.5	10.0	10.3
26	8.0	6.8	7.5	7.9	7.7	7.7	11.4	10.5	11.0	10.0	9.8	9.9
27	8.3	5.8	7.3	8.2	7.9	8.0	10.7	9.7	9.9	9.8	9.4	9.7
28	8.6	5.8	7.4	8.6	8.2	8.5	10.1	9.8	9.9	9.6	9.1	9.4
29	---	---	---	8.7	8.2	8.5	10.2	9.8	10.0	9.1	8.8	8.9
30	---	---	---	8.6	8.2	8.4	10.2	9.8	9.9	9.3	9.1	9.2
31	---	---	---	---	---	---	10.7	10.2	10.5	9.1	8.7	8.8
MONTH	8.6	4.4	6.6	9.7	5.3	8.5	11.6	8.0	9.3	12.8	8.7	11.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.8	8.8	9.5	9.8	9.2	9.5	8.1	7.5	7.8	---	---	---
2	9.8	9.6	9.7	10.0	9.5	9.8	7.7	7.2	7.4	---	---	---
3	9.7	9.4	9.6	10.0	9.8	9.9	7.4	6.6	7.2	---	---	---
4	9.4	9.0	9.2	10.2	9.7	9.9	7.0	6.4	6.8	7.4	6.8	7.2
5	9.1	8.9	9.0	10.5	9.9	10.3	6.6	6.3	6.5	---	---	---
6	9.0	8.8	8.9	10.5	9.9	10.2	7.0	6.6	6.8	---	---	---
7	9.1	8.9	9.0	10.2	9.5	9.9	7.0	6.6	6.8	---	---	---
8	9.0	8.7	8.9	9.9	9.7	9.8	7.1	6.6	6.9	7.4	7.2	7.3
9	9.6	8.9	9.3	10.6	9.7	10.2	6.7	5.1	5.9	7.3	7.0	7.2
10	9.4	9.4	9.4	10.9	10.3	10.6	6.9	5.7	6.4	7.1	7.0	7.1
11	9.5	9.4	9.5	10.9	10.2	10.5	6.9	6.3	6.6	7.0	6.9	7.0
12	9.8	9.5	9.6	10.9	10.2	10.5	7.8	6.8	7.5	6.9	6.9	6.9
13	9.9	9.7	9.8	10.7	10.3	10.5	7.7	7.4	7.5	7.0	6.8	6.9
14	9.9	9.8	9.9	10.6	9.4	10.0	7.9	7.4	7.7	6.9	6.8	6.9
15	10.2	9.9	10.1	10.3	9.4	10.0	7.7	7.3	7.5	7.0	6.9	7.0
16	11.0	10.1	10.5	10.7	9.9	10.3	7.7	7.1	7.6	7.2	7.0	7.1
17	10.8	9.9	10.2	10.9	9.6	10.3	7.3	6.9	7.1	7.1	6.9	7.0
18	9.9	9.4	9.6	10.4	8.9	9.6	7.4	7.1	7.3	7.0	6.8	6.9
19	9.8	9.4	9.6	9.0	8.6	8.8	7.4	7.1	7.3	6.8	6.6	6.7
20	9.9	9.4	9.5	9.0	8.6	8.8	7.1	6.6	6.9	6.8	6.5	6.7
21	10.3	9.9	10.1	8.7	8.3	8.5	7.6	6.6	7.0	6.9	6.6	6.7
22	10.4	10.1	10.3	8.7	8.3	8.5	7.1	6.6	6.9	6.8	6.6	6.7
23	11.0	10.4	10.7	8.8	8.3	8.6	7.5	6.3	6.9	6.7	6.4	6.6
24	11.0	10.9	10.9	8.9	8.4	8.7	7.2	7.0	7.1	6.6	6.3	6.5
25	10.9	10.4	10.7	8.5	7.8	8.2	7.1	6.9	7.0	6.6	6.5	6.5
26	10.5	10.4	10.4	8.4	7.8	8.1	7.5	7.1	7.3	6.6	6.5	6.6
27	10.5	10.3	10.4	8.8	8.4	8.7	7.3	7.2	7.3	6.6	6.5	6.5
28	10.4	9.6	10.0	9.0	8.4	8.7	7.3	7.2	7.3	6.7	6.4	6.6
29	---	---	---	8.7	8.0	8.5	7.7	7.3	7.4	6.5	6.3	6.4
30	---	---	---	8.3	7.9	8.1	8.8	7.7	8.3	6.5	6.3	6.4
31	---	---	---	8.1	7.5	8.0	---	---	---	6.4	6.3	6.4
MONTH	11.0	8.7	9.8	10.9	7.5	9.4	8.8	5.1	7.1	7.4	6.3	6.8

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.4	6.3	6.4	6.0	5.8	5.9	6.5	5.8	6.1	---	---	---
2	6.4	6.2	6.3	6.1	6.0	6.0	6.2	5.9	6.0	---	---	---
3	6.4	5.9	6.2	6.0	5.8	5.9	6.4	5.9	6.1	7.1	6.5	6.8
4	6.2	5.8	6.0	5.9	5.8	5.9	6.4	6.0	6.2	6.8	6.3	6.6
5	6.0	5.4	5.8	6.0	5.8	5.9	6.8	6.2	6.4	7.2	6.2	6.6
6	5.8	5.5	5.6	6.0	5.8	5.9	6.6	6.1	6.4	7.2	6.0	6.7
7	6.3	5.7	6.0	6.2	5.9	6.1	6.6	6.3	6.4	6.6	5.6	6.1
8	6.4	6.0	6.2	6.2	6.0	6.1	6.8	6.3	6.5	6.8	6.0	6.5
9	6.3	6.0	6.1	6.2	6.0	6.1	6.7	6.5	6.6	6.9	6.2	6.5
10	6.4	6.0	6.2	6.2	6.0	6.1	7.0	6.5	6.8	7.3	6.4	6.7
11	6.2	6.0	6.1	6.3	6.0	6.1	7.3	6.7	6.9	7.2	6.5	6.9
12	6.3	6.0	6.1	6.4	6.2	6.3	7.1	6.7	6.9	7.5	6.9	7.2
13	6.4	6.0	6.2	6.7	6.4	6.6	7.2	6.7	6.9	7.7	7.0	7.3
14	6.3	6.1	6.2	7.3	6.7	7.1	7.1	6.4	6.8	7.6	7.2	7.3
15	6.2	5.9	6.0	7.4	7.1	7.3	7.1	6.7	6.9	7.5	7.1	7.3
16	6.2	6.0	6.1	7.2	6.4	6.9	7.3	6.6	7.0	7.7	7.5	7.6
17	6.3	6.1	6.2	6.5	6.2	6.3	7.4	6.9	7.2	7.8	7.4	7.6
18	6.4	6.2	6.3	6.4	6.2	6.3	7.6	6.5	7.1	7.6	7.4	7.5
19	6.4	6.3	6.4	6.4	6.3	6.3	7.5	6.8	7.1	---	---	---
20	6.5	6.3	6.4	6.5	6.2	6.4	7.4	6.7	7.0	---	---	---
21	6.6	6.4	6.5	6.4	6.2	6.3	7.4	6.9	7.1	---	---	---
22	6.5	6.3	6.4	6.4	6.0	6.1	7.3	6.8	7.0	---	---	---
23	6.5	6.3	6.4	6.0	5.8	5.9	7.2	6.9	7.1	---	---	---
24	6.4	6.2	6.3	5.8	5.5	5.6	7.7	7.0	7.2	---	---	---
25	6.3	6.1	6.2	5.8	5.5	5.6	7.3	6.9	7.1	---	---	---
26	6.4	6.1	6.3	6.0	5.6	5.8	7.2	6.8	7.0	---	---	---
27	6.3	5.1	5.7	6.1	5.9	6.0	7.4	6.8	7.0	---	---	---
28	5.5	5.2	5.3	6.0	5.8	5.9	7.0	6.7	6.9	---	---	---
29	5.6	5.5	5.5	5.9	5.7	5.8	7.1	6.7	6.9	---	---	---
30	5.9	5.5	5.7	6.3	5.7	6.0	7.5	7.0	7.3	---	---	---
31	---	---	---	6.1	5.7	5.9	8.0	7.3	7.6	---	---	---
MONTH	6.6	5.1	6.1	7.4	5.5	6.1	8.0	5.8	6.8	7.8	5.6	6.9
YEAR	12.8	4.4	7.9									

02153051 GASTON SHOALS RESERVOIR ABOVE BLACKSBURG, SC

LOCATION.--Lat 35°08'15'', long 81°35'53'', Cherokee County, Hydrologic Unit 03050105, attached to the rail on the face of the dam, approximately 100 ft left of the stairs, 5.0 mi northwest of Blacksburg and 5.0 mi northeast of Gaffney.

DRAINAGE AREA.--1,280 mi^2, approximately.

PERIOD OF RECORD.--October 1997 to September 1999.

GAGE.--Data collection platform. Datum of gage is 600 ft above sea level (from topographic map).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed 1908. Lake capacity is unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 102.45 ft Jan. 9, 1998; minimum elevation since normal reservoir levels were first reached, 92.60 ft, Sep. 23, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 102.45 ft, Jan. 9; minimum elevation, 92.60 ft, Sep. 23.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100.09	98.06	99.92	99.70	97.05	96.57	97.16	100.82	99.77	99.15	99.79	99.50
2	99.75	97.28	100.03	99.05	97.40	95.94	96.74	100.56	99.29	99.14	98.98	99.48
3	99.35	96.78	99.51	99.44	101.02	96.84	97.18	100.32	99.75	99.84	98.86	99.77
4	99.10	97.45	99.23	99.88	102.03	100.53	97.32	100.07	99.89	99.84	99.80	98.89
5	99.09	96.91	99.52	99.68	100.02	99.94	97.03	100.07	99.93	98.42	99.46	98.72
6	99.17	96.98	99.53	99.64	98.69	99.76	96.96	99.46	99.75	98.50	99.39	98.39
7	99.81	100.06	99.54	99.41	98.09	100.03	97.37	100.00	99.86	99.94	99.23	98.29
8	99.79	100.07	99.34	102.43	97.72	102.03	97.53	99.86	98.80	99.61	100.01	98.72
9	99.29	99.97	100.05	99.09	97.25	100.77	98.56	100.00	99.93	99.33	99.77	98.89
10	99.73	99.23	99.66	97.81	97.27	98.76	97.11	99.65	99.95	99.23	98.53	99.22
11	100.06	100.03	98.99	96.88	97.44	98.00	96.94	100.01	99.44	99.60	99.92	99.09
12	99.37	99.43	100.14	97.21	97.15	97.48	97.39	99.47	99.62	98.56	99.58	99.35
13	99.16	100.01	98.64	97.61	97.18	97.18	97.32	100.12	99.63	98.99	99.16	98.63
14	99.89	100.02	99.70	97.03	97.46	97.06	97.56	100.14	99.14	99.47	99.74	98.16
15	99.92	99.74	99.59	99.00	97.18	96.96	97.68	99.86	99.33	99.52	99.81	98.98
16	99.71	99.61	99.79	100.93	99.13	97.12	98.35	99.65	99.72	99.55	99.02	99.14
17	99.89	99.34	99.76	98.84	101.36	97.34	100.83	99.95	99.64	99.47	99.62	99.04
18	99.29	99.60	99.78	97.66	99.80	97.15	98.65	99.27	99.26	99.63	98.69	99.05
19	98.98	99.87	99.41	97.35	98.77	98.29	100.74	100.05	99.11	98.88	99.73	98.57
20	99.40	98.97	99.97	97.49	98.05	97.97	100.45	99.88	99.54	99.13	99.17	99.12
21	99.97	99.50	99.86	96.45	97.62	98.11	99.20	100.02	98.90	99.60	99.01	99.58
22	99.93	99.84	100.06	97.50	97.58	97.63	99.30	99.82	99.44	99.52	99.44	99.83
23	99.86	99.63	99.70	99.88	98.40	97.17	98.22	99.51	100.15	99.55	99.27	97.59
24	99.90	99.67	100.56	98.64	97.67	97.06	98.16	99.77	98.96	100.18	98.86	98.86
25	100.16	99.87	100.20	98.03	97.16	96.70	97.20	99.19	99.88	100.13	98.83	99.04
26	100.97	99.77	99.65	97.07	97.14	96.90	98.05	99.75	99.85	99.94	99.36	99.83
27	99.78	99.82	100.04	101.91	97.82	96.90	97.85	100.30	99.61	100.16	99.36	99.21
28	97.34	99.27	99.61	100.20	97.10	97.11	96.97	99.98	99.81	99.60	99.16	99.01
29	95.44	99.98	99.38	98.65	---	96.36	99.97	100.27	98.70	99.49	99.03	99.68
30	97.28	99.58	99.91	97.78	---	96.71	100.15	99.91	99.96	99.46	98.43	99.95
31	96.78	---	98.54	97.37	---	97.01	---	99.33	---	99.59	98.36	---
MEAN	99.30	99.21	99.66	98.70	98.23	97.85	98.13	99.91	99.55	99.45	99.27	99.05
MAX	100.97	100.07	100.56	102.43	102.03	102.03	100.83	100.82	100.15	100.18	100.01	99.95
MIN	95.44	96.78	98.54	96.45	97.05	95.94	96.74	99.19	98.70	98.42	98.36	97.59

02153051 GASTON SHOALS RESERVOIR ABOVE BLACKSBURG, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99.30	99.59	100.07	100.05	100.35	100.07	100.54	99.91	99.96	99.91	99.43	99.73
2	99.05	99.51	100.10	100.11	100.56	100.16	100.19	99.90	99.97	99.18	99.02	99.68
3	99.61	99.98	99.99	100.48	99.92	100.08	99.93	99.66	99.40	99.72	99.82	99.36
4	99.58	99.86	99.99	99.99	99.45	99.82	99.94	99.78	99.99	99.69	98.73	99.85
5	99.42	99.91	99.90	100.20	100.00	99.85	99.96	99.95	99.98	99.84	98.82	98.84
6	99.70	100.02	99.81	99.98	99.46	99.86	100.07	100.09	99.62	99.57	99.56	99.38
7	99.91	99.85	99.69	99.40	100.05	99.79	99.83	100.08	99.84	99.16	99.83	99.94
8	100.27	99.29	100.02	99.65	99.22	100.09	99.75	100.00	99.93	99.86	99.41	99.80
9	99.88	99.73	100.08	99.94	100.04	100.23	99.76	99.87	99.52	99.43	99.21	99.36
10	99.13	99.98	100.00	99.89	99.92	100.12	99.47	99.78	99.32	99.87	99.35	99.28
11	99.59	100.04	99.95	99.74	99.49	99.59	99.87	100.13	99.84	99.37	99.32	99.33
12	99.36	100.09	100.12	99.64	99.99	99.96	99.47	100.03	99.77	99.84	99.34	98.77
13	99.69	99.92	99.38	99.97	99.87	100.02	99.71	100.14	99.82	100.06	99.08	98.33
14	99.52	99.55	99.80	100.13	99.68	99.56	99.95	98.89	99.63	99.78	99.57	97.72
15	99.87	100.01	99.54	100.02	100.16	100.08	100.03	99.39	99.98	99.93	99.84	95.51
16	99.37	99.06	99.47	99.92	99.98	99.75	100.22	99.89	99.97	100.07	99.39	98.50
17	99.82	100.01	99.59	99.72	99.66	99.90	100.05	99.90	99.59	99.94	98.98	99.43
18	99.57	99.75	99.74	100.16	99.67	99.99	99.82	100.11	99.59	99.30	99.10	99.02
19	99.42	99.92	100.01	99.99	100.15	99.86	99.49	100.18	99.16	99.54	99.14	99.57
20	99.99	100.07	99.63	100.01	100.36	99.89	99.97	100.05	99.28	99.65	99.20	99.00
21	99.79	99.57	99.50	99.74	99.88	100.25	99.85	99.94	99.41	99.44	100.03	99.69
22	99.64	98.77	99.65	99.41	99.27	99.63	99.64	100.10	99.81	98.42	99.81	100.05
23	99.83	98.90	99.02	100.27	100.05	99.66	99.84	99.12	99.91	98.20	99.33	99.70
24	100.02	100.01	100.15	100.33	100.19	99.74	100.04	98.91	99.81	99.05	100.05	99.47
25	99.72	99.96	99.59	100.11	99.69	99.82	99.54	99.88	100.27	99.16	99.56	99.99
26	99.61	99.94	99.65	99.79	99.04	99.65	99.62	100.01	99.40	99.02	99.08	99.48
27	99.98	99.52	99.49	100.14	100.19	99.81	100.01	99.73	99.61	98.42	98.62	99.61
28	99.92	100.18	100.12	99.72	99.96	100.08	100.04	99.75	99.22	98.19	100.02	100.04
29	99.74	99.66	98.86	99.86	---	99.99	100.07	99.81	99.34	97.81	99.49	100.08
30	99.80	99.59	100.06	99.98	---	99.78	100.39	99.40	99.93	97.48	99.08	99.49
31	100.09	---	98.90	99.34	---	99.86	---	99.27	---	99.46	99.73	---
MEAN	99.68	99.74	99.74	99.93	99.87	99.90	99.90	99.80	99.70	99.30	99.39	99.27
MAX	100.27	100.18	100.15	100.48	100.56	100.25	100.54	100.18	100.27	100.07	100.05	100.08
MIN	99.05	98.77	98.86	99.34	99.04	99.56	99.47	98.89	99.16	97.48	98.62	95.51

CAL YR 1998 MEAN 99.12 MAX 102.43 MIN 95.94
WTR YR 1999 MEAN 99.68 MAX 100.56 MIN 95.51

02153200 BROAD RIVER NEAR BLACKSBURG, SC

LOCATION.--Lat 35°07'26'', long 81°35'17'', Cherokee County, Hydrologic Unit 03050105, at upstream side of bridge on SC Highway 18, 1.2 mi upstream of Buffalo Creek, 1.2 mi downstream of Gaston Shoals Reservoir, 3.2 mi west of Blacksburg, and at mile 275.2.

DRAINAGE AREA.--1,290 mi^2.

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 550 ft above sea level (from topographic map).

REMARKS.--Records good except those above 15,000 ft3/s, which are fair, and estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1470	888	916	1100	e1730	1460	2300	3540	905	1000	654	506
2	1340	741	1000	1140	e4180	1670	3890	2470	1030	1060	640	465
3	963	990	1010	2960	3700	1960	3000	1780	1640	869	484	534
4	1110	1140	940	3460	2930	2040	2390	1580	1200	995	699	271
5	1110	970	1060	2230	2230	1860	2090	1600	1210	1120	455	575
6	1360	936	875	1940	2570	1930	2120	1760	1000	956	354	453
7	1470	1010	824	1760	1820	1670	2200	1940	840	1550	382	368
8	3150	903	942	1600	1750	1350	1980	1950	964	1410	666	603
9	2990	707	1040	1660	1840	1700	1870	1470	978	1400	551	686
10	1970	986	1260	1710	2030	1840	1910	1230	914	1150	404	606
11	1510	1160	1090	1510	1940	1770	1630	1410	918	1190	435	571
12	1270	1310	1130	1420	1830	1460	1430	1480	980	1030	413	560
13	1290	1250	1450	1300	1950	1560	1650	1300	994	1490	432	464
14	1340	1200	1510	1330	1570	1670	1630	1740	839	1350	311	394
15	1260	1230	1530	1610	1510	1480	1730	1820	877	1190	376	e344
16	1260	1230	1450	1720	1580	1760	1840	1370	1140	1130	459	e95
17	1260	1560	1240	1350	1650	1610	1890	1250	1720	1120	417	313
18	1260	1640	1050	1260	2060	1590	1410	1330	1340	1010	369	346
19	1210	1220	1100	2160	2540	1480	1300	1610	1080	825	357	198
20	e1000	1180	1060	2070	3820	1750	1500	1630	950	986	281	391
21	943	1350	976	1820	3350	2010	1390	1370	840	1000	313	199
22	760	1100	1270	1630	2570	1970	1430	1440	866	1070	570	565
23	772	830	1340	1930	2160	1810	1460	1270	920	918	580	586
24	874	813	1520	3760	2190	1790	1550	973	934	837	884	438
25	822	1080	2260	3240	1980	1740	1390	1060	1030	908	2010	310
26	744	1090	1660	2500	1900	1720	1070	1290	1870	900	1540	466
27	835	954	1450	2050	1730	1590	1410	1260	1420	901	1060	436
28	916	977	1180	2200	1630	1250	1670	1110	1370	830	771	1130
29	912	984	1940	1870	---	1220	1850	1090	1060	778	775	1620
30	747	825	1180	1790	---	1520	2250	1060	993	739	582	1280
31	925	---	1400	e1700	---	1460	---	960	---	465	407	---
MEAN	1253	1075	1247	1928	2241	1667	1841	1521	1094	1038	601	526
MAX	3150	1640	2260	3760	4180	2040	3890	3540	1870	1550	2010	1620
MIN	744	707	824	1100	1510	1220	1070	960	839	465	281	95

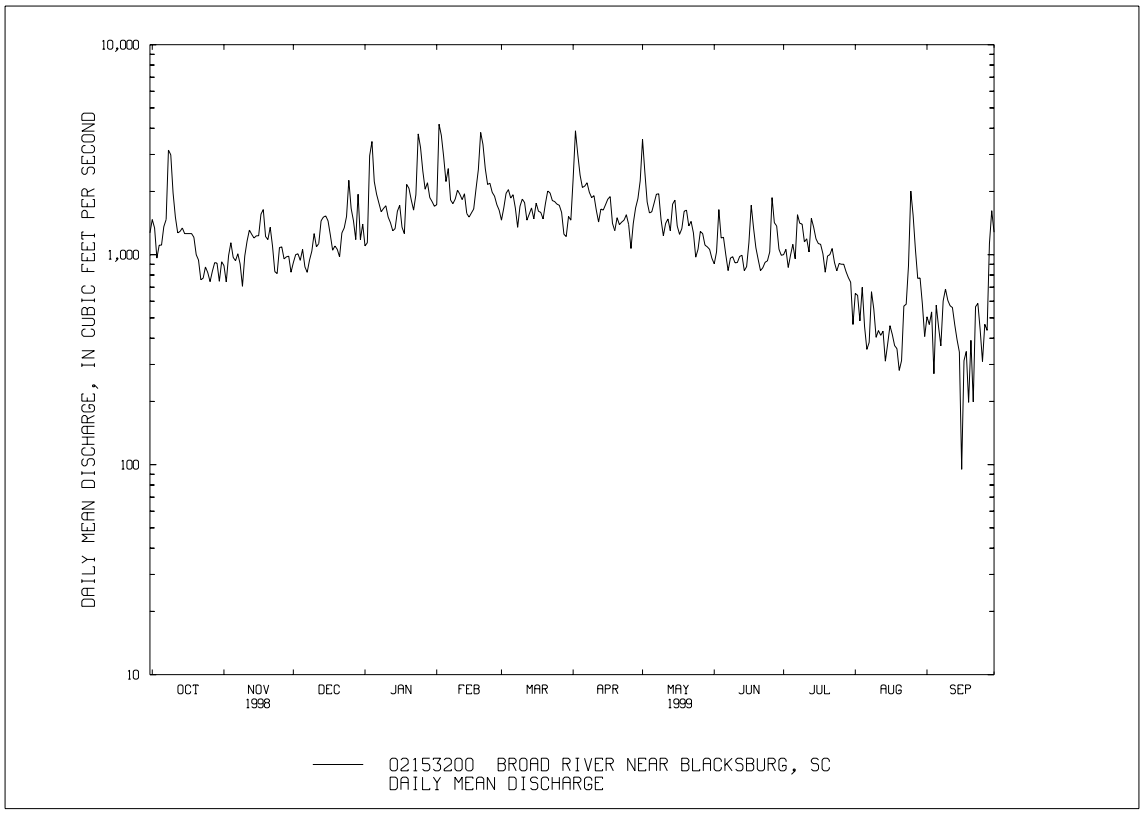
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	1346	1239	1520	3089	3458	2883	2594	2084	1433	1135	887	692
MAX	1439	1402	1793	4250	4675	4099	3347	2647	1771	1233	1174	857
(WY)	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
MIN	1253	1075	1247	1928	2241	1667	1841	1521	1094	1038	601	526
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL MEAN	2289		1331		1854	
HIGHEST ANNUAL MEAN					2378	1998
LOWEST ANNUAL MEAN					1331	1999
HIGHEST DAILY MEAN	17100	Mar 9	4180	Feb 2	17100	Mar 9 1998
LOWEST DAILY MEAN	597	Sep 15	95	Sep 16	95	Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	706	Sep 14	269	Sep 15	269	Sep 15 1999
INSTANTANEOUS PEAK FLOW			4540	Feb 2	20200	Mar 9 1998
INSTANTANEOUS PEAK STAGE			5.63	Feb 2	13.72	Mar 9 1998
10 PERCENT EXCEEDS	4230		2030		3240	
50 PERCENT EXCEEDS	1620		1260		1430	
90 PERCENT EXCEEDS	835		523		765	

e Estimated



02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45'', long 81°23'17'', York County, Hydrologic Unit 03050105, near right bank, at downstream side of bridge on State Highway 55, 3.0 mi northeast of Smyrna and 10.1 mi northwest of York.

DRAINAGE AREA.--24.1 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Elevation of gage is 565 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.7	4.5	5.7	8.3	44	14	21	30	5.9	e5.2	.84	.55
2	4.9	5.4	5.6	9.0	92	13	19	17	5.7	4.4	.78	.54
3	3.7	16	5.7	118	33	20	15	14	8.4	4.1	.74	.53
4	11	11	5.9	37	22	24	15	13	7.8	3.7	.69	.51
5	10	7.9	5.7	19	17	17	14	12	6.1	3.3	.68	.70
6	6.3	6.1	6.0	14	15	16	13	14	5.2	2.9	.68	1.2
7	5.5	5.2	6.1	12	15	15	13	15	4.7	e11	.66	.82
8	12	5.3	6.1	12	14	e14	13	14	4.4	13	.65	.71
9	8.7	5.8	6.1	12	12	e20	13	11	4.0	4.3	.64	.74
10	5.9	6.2	5.7	11	13	18	11	10	3.8	2.4	.66	1.1
11	5.0	7.1	5.7	9.6	12	16	10	9.5	14	5.7	.66	.85
12	4.6	7.1	5.5	9.6	12	15	10	9.6	8.2	4.7	.64	.71
13	4.5	6.4	17	9.2	11	14	10	11	4.9	4.7	.61	.66
14	4.6	7.7	18	9.2	11	20	10	20	3.2	3.7	.59	.64
15	4.4	16	9.4	11	10	23	12	12	7.0	3.2	.58	.63
16	4.3	12	16	9.4	10	18	12	10	21	2.8	.61	.68
17	4.3	13	11	10	11	17	10	9.5	27	2.2	.60	.77
18	4.3	9.3	7.9	28	18	16	10	15	10	2.4	.58	.67
19	4.3	7.9	7.0	17	28	15	10	21	7.2	2.0	.56	.64
20	4.3	7.9	7.1	13	48	14	10	10	6.2	1.8	.69	.61
21	4.4	7.5	7.1	12	28	19	10	8.3	6.1	1.7	1.2	.96
22	4.0	6.9	e7.1	11	21	18	9.7	7.8	6.3	1.4	.69	1.3
23	5.4	7.0	e8.4	72	18	15	9.3	8.0	6.2	1.4	.64	1.0
24	4.4	7.1	e101	145	17	15	9.1	7.1	5.8	1.4	.71	.82
25	4.3	6.6	e157	49	16	14	8.6	6.0	12	2.2	.89	.77
26	4.3	5.9	e39	24	15	14	8.4	8.1	11	1.5	.77	.78
27	4.0	5.7	e17	17	15	14	10	9.4	7.9	1.2	.69	1.7
28	3.9	5.6	e11	14	15	13	16	7.8	7.5	e1.0	.66	2.6
29	3.9	5.4	12	13	---	13	11	6.7	e6.4	.94	.64	12
30	4.6	5.6	10	13	---	13	63	6.4	e5.8	.90	.61	9.7
31	4.5	---	8.8	12	---	13	---	6.4	---	.92	.58	---
TOTAL	168.0	231.1	541.6	760.3	593	500	406.1	359.6	239.7	102.06	21.22	45.89
MEAN	5.42	7.70	17.5	24.5	21.2	16.1	13.5	11.6	7.99	3.29	.68	1.53
MAX	12	16	157	145	92	24	63	30	27	13	1.2	12
MIN	3.7	4.5	5.5	8.3	10	13	8.4	6.0	3.2	.90	.56	.51
CFSM	.22	.32	.72	1.02	.88	.67	.56	.48	.33	.14	.03	.06
IN.	.26	.36	.84	1.17	.92	.77	.63	.56	.37	.16	.03	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

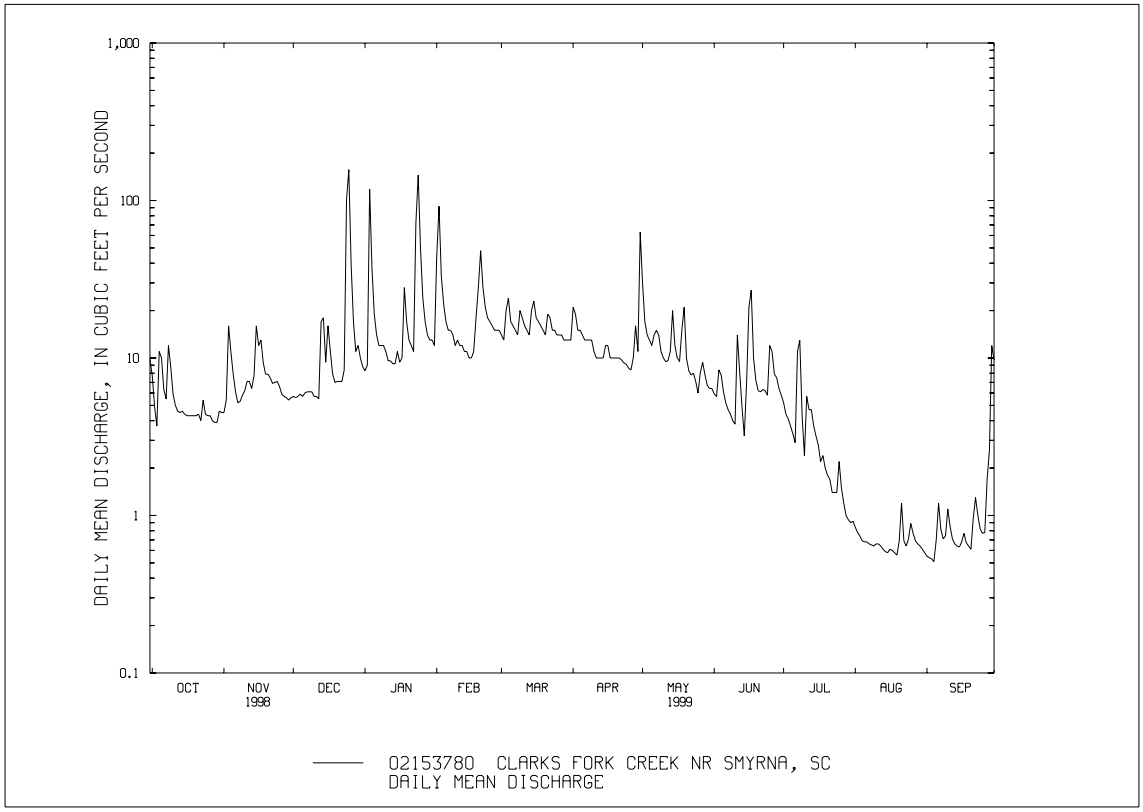
MEAN	15.5	17.9	21.4	35.8	39.9	41.8	28.7	19.1	14.4	9.01	11.9	7.17
MAX	91.8	60.1	54.9	82.5	66.8	94.5	58.7	37.1	36.8	30.7	47.8	17.5
(WY)	1991	1986	1984	1993	1984	1993	1998	1984	1992	1984	1985	1995
MIN	3.91	5.41	9.17	12.1	13.3	13.6	11.7	8.02	4.11	2.57	.68	1.53
(WY)	1984	1982	1992	1992	1986	1988	1986	1988	1988	1996	1999	1999

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1981 - 1999	
ANNUAL TOTAL	9602.0		3968.57			
ANNUAL MEAN	26.3		10.9		21.8	
HIGHEST ANNUAL MEAN					37.5	1993
LOWEST ANNUAL MEAN					10.9	1999
HIGHEST DAILY MEAN	503	Apr 9	157	Dec 25	1000	Aug 17 1985
LOWEST DAILY MEAN	2.0	Jul 19	.51	Sep 4	.10	Sep 5 1997
ANNUAL SEVEN-DAY MINIMUM	2.6	Jul 13	.57	Aug 29	.43	Sep 10 1996
INSTANTANEOUS PEAK FLOW			266	Dec 25	* 2100	Aug 27 1995
INSTANTANEOUS PEAK STAGE			6.23	Dec 25	13.77	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.09		.45		.90	
ANNUAL RUNOFF (INCHES)	14.82		6.13		12.29	
10 PERCENT EXCEEDS	48		18		36	
50 PERCENT EXCEEDS	12		7.9		13	
90 PERCENT EXCEEDS	4.3		.71		3.9	

* From rating curve extended above 1,100 ft^3/s.

e Estimated



02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

LOCATION.--Lat 35 07'15'', long 81 59'10'', Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 mi south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 mi^2 .

PERIOD OF RECORD.--April 1930 to current year. Monthly discharge only for some periods, published in WSP-1303.

GAGE.--Data collection platform. Datum of gage is 715.56 ft above sea level. From November 26, 1929 to November 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

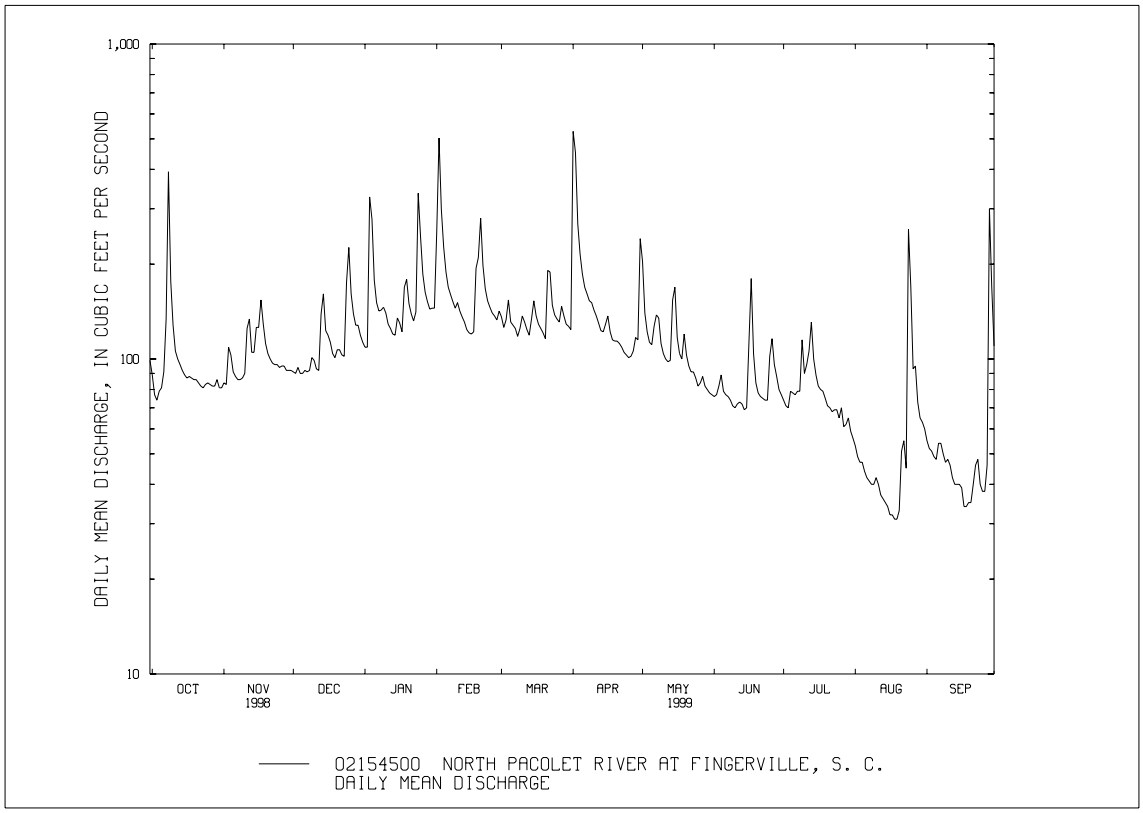
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	84	91	109	252	136	528	204	76	74	53	55
2	77	83	90	109	503	126	452	140	77	71	49	52
3	74	109	94	327	299	133	268	122	82	70	47	51
4	79	103	90	278	227	154	215	113	89	79	47	49
5	81	91	90	178	189	131	186	111	79	78	44	48
6	91	88	92	151	169	128	169	127	e77	77	42	54
7	134	86	91	142	160	125	161	138	e76	79	41	54
8	393	86	92	143	152	118	153	135	74	79	40	50
9	176	87	101	146	145	125	151	112	71	115	40	47
10	128	90	99	140	151	137	143	104	70	90	42	48
11	106	125	93	129	142	131	137	100	72	96	40	46
12	100	134	92	125	136	124	130	98	73	106	37	42
13	96	105	139	120	131	119	123	99	72	131	36	40
14	92	105	161	119	124	134	122	154	69	100	35	40
15	89	126	123	135	121	153	129	169	70	89	34	40
16	87	126	119	130	120	137	137	117	112	82	32	39
17	88	154	113	122	122	129	122	104	180	80	32	34
18	87	129	104	169	194	125	115	100	104	79	31	34
19	86	112	101	179	210	121	114	120	84	75	31	35
20	86	104	107	150	280	116	114	103	78	71	33	35
21	84	100	107	139	198	191	112	95	76	70	51	40
22	82	97	103	132	167	189	109	91	75	68	55	46
23	81	96	102	141	153	148	105	91	74	69	45	48
24	83	96	175	336	146	138	103	87	74	69	258	40
25	84	94	226	245	140	134	101	82	102	65	170	38
26	83	95	161	186	137	131	102	84	116	70	93	38
27	82	95	139	163	133	147	106	88	96	61	95	46
28	82	92	128	152	142	137	117	82	88	62	73	299
29	86	92	128	144	---	129	115	80	80	65	65	170
30	81	92	119	145	---	127	241	78	77	59	63	110
31	81	---	113	145	---	124	---	77	---	56	60	---
TOTAL	3148	3076	3583	5029	5043	4197	4880	3405	2543	2435	1814	1768
MEAN	102	103	116	162	180	135	163	110	84.8	78.5	58.5	58.9
MAX	393	154	226	336	503	191	528	204	180	131	258	299
MIN	74	83	90	109	120	116	101	77	69	56	31	34
CFSM	.88	.88	1.00	1.40	1.55	1.17	1.40	.95	.73	.68	.50	.51
IN.	1.01	.99	1.15	1.61	1.62	1.35	1.56	1.09	.82	.78	.58	.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

MEAN	176	166	203	257	274	296	265	208	178	154	168	143
MAX	795	429	459	791	621	752	763	466	439	310	490	405
(WY)	1965	1993	1962	1937	1960	1952	1936	1959	1961	1943	1940	1975
MIN	35.1	56.8	65.7	66.6	95.5	100	91.5	82.8	59.1	46.1	38.9	34.1
(WY)	1955	1932	1956	1956	1986	1955	1986	1988	1988	1986	1988	1954

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	78309		40921			
ANNUAL MEAN	215		112		208	
HIGHEST ANNUAL MEAN					340	1937
LOWEST ANNUAL MEAN					101	1988
HIGHEST DAILY MEAN	1880	Jan 8	528	Apr 1	8110	Oct 5 1964
LOWEST DAILY MEAN	72 ***	Sep 18	31 ****	Aug 18	27	Aug 27 1988
ANNUAL SEVEN-DAY MINIMUM	73	Sep 14	33	Aug 14	29	Oct 3 1954
INSTANTANEOUS PEAK FLOW			822	Apr 1	* 12500	Aug 14 1940
INSTANTANEOUS PEAK STAGE			5.89	Apr 1	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			29 **	Aug 19	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	1.85		.97		1.79	
ANNUAL RUNOFF (INCHES)	25.11		13.12		24.31	
10 PERCENT EXCEEDS	372		169		338	
50 PERCENT EXCEEDS	143		102		157	
90 PERCENT EXCEEDS	82		48		82	



02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC

LOCATION.--Lat 35°06'23'', long 83°07'47'', Spartanburg County, Hydrologic Unit 03050105, on downstream side of bridge on Alverson Road, 1.1 mi upstream of Lake William C. Bowen, and 1.3 mi southeast of Campobello.

DRAINAGE AREA.--55.4 mi^2, approximately.

PERIOD OF RECORD.--January 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 825 ft above sea level (from topographic map). Prior to November 21, 1991, at same site at datum 2.00 ft. lower.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	36	39	51	178	63	366	91	36	38	24	23
2	35	36	39	53	230	60	170	64	37	36	29	22
3	35	55	39	197	123	68	115	57	54	36	23	21
4	41	45	39	121	99	68	98	53	43	41	21	20
5	38	41	40	86	87	62	87	52	39	34	20	20
6	38	40	39	75	81	61	80	63	37	34	19	22
7	80	39	39	70	78	58	76	71	36	34	18	20
8	199	40	39	71	74	56	72	63	34	34	18	27
9	71	39	48	69	70	62	71	54	33	34	18	22
10	53	41	43	64	72	64	67	50	33	47	17	20
11	46	54	42	61	69	60	64	47	34	56	16	18
12	42	46	40	58	66	57	60	46	33	58	16	17
13	41	42	70	56	63	56	58	50	32	57	15	17
14	38	46	61	56	61	67	57	120	31	46	15	17
15	37	63	50	63	60	70	62	88	38	42	14	16
16	37	57	53	57	59	62	60	64	86	38	14	16
17	36	69	47	56	62	59	56	56	85	35	14	15
18	36	54	46	84	87	58	54	61	50	34	13	15
19	36	49	47	76	105	55	53	88	41	32	12	15
20	36	48	52	68	111	54	53	58	38	30	17	15
21	34	47	48	63	87	106	52	52	37	29	31	16
22	34	45	47	59	77	86	50	49	36	28	18	20
23	34	43	48	79	72	71	48	47	36	29	17	16
24	35	43	104	163	70	66	48	44	37	27	142	15
25	35	42	105	106	68	63	48	42	63	26	65	15
26	35	42	78	85	65	63	48	44	53	24	42	16
27	34	43	67	77	64	70	50	43	44	29	41	64
28	34	42	62	72	69	63	59	40	42	32	34	177
29	34	41	61	68	---	61	55	39	58	25	31	84
30	35	40	56	68	---	59	124	38	42	24	28	65
31	35	---	53	67	---	60	---	37	---	22	24	---
TOTAL	1396	1368	1641	2399	2407	1988	2361	1771	1298	1091	826	866
MEAN	45.0	45.6	52.9	77.4	86.0	64.1	78.7	57.1	43.3	35.2	26.6	28.9
MAX	199	69	105	197	230	106	366	120	86	58	142	177
MIN	34	36	39	51	59	54	48	37	31	22	12	15
CFSM	.81	.82	.96	1.40	1.55	1.16	1.42	1.03	.78	.64	.48	.52
IN.	.94	.92	1.10	1.61	1.62	1.33	1.59	1.19	.87	.73	.55	.58

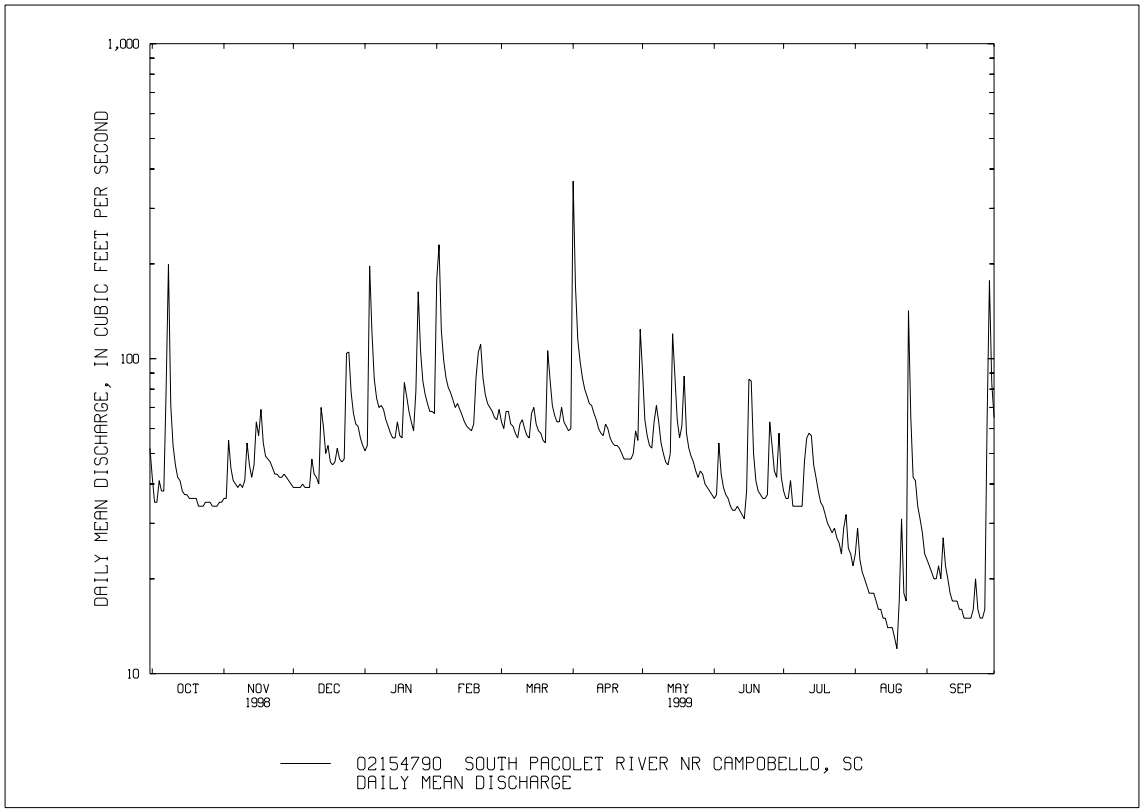
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1999, BY WATER YEAR (WY)

MEAN	93.0	92.6	96.2	150	146	151	115	98.1	78.1	71.8	84.5	58.6
MAX	153	253	184	268	248	308	189	175	116	169	219	98.8
(WY)	1996	1993	1993	1993	1990	1993	1993	1993	1992	1994	1995	1995
MIN	33.7	45.6	52.9	65.2	61.1	64.1	55.1	57.1	43.3	35.2	26.6	28.9
(WY)	1994	1999	1999	1992	1989	1999	1989	1999	1999	1999	1999	1999

02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1989 - 1999	
ANNUAL TOTAL	37521		19412			
ANNUAL MEAN	103		53.2		105	
HIGHEST ANNUAL MEAN					157	1993
LOWEST ANNUAL MEAN					53.2	1999
HIGHEST DAILY MEAN	1540	Jan 8	366	Apr 1	3500	Aug 27 1995
LOWEST DAILY MEAN	30	* Aug 5	12	Aug 19	12	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	31	Sep 13	14	Aug 13	14	Aug 13 1999
INSTANTANEOUS PEAK FLOW			669	Apr 1	5170	Aug 27 1995
INSTANTANEOUS PEAK STAGE			7.08	Apr 1	11.33	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.86		.96		1.90	
ANNUAL RUNOFF (INCHES)	25.19		13.03		25.75	
10 PERCENT EXCEEDS	161		82		166	
50 PERCENT EXCEEDS	68		48		74	
90 PERCENT EXCEEDS	34		20		39	

* Also occurred Aug. 6, 7, 28, 29, Sep. 1.



02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'45'', long 82°02'26'', Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi upstream from the dam and 2.8 mi southwest of Fingerville.

DRAINAGE AREA.--79.4 mi^2.

PERIOD OF RECORD.--October 1968 to September 1988, October 1995 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (Spartanburg Water Works benchmark).

REMARKS.--Lake is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gallons. Spillway crest is 815 ft sea level. Water used as inflow to South Pacolet River Reservior, capacity, 1,104,000,000 gallons.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 817.44 ft, Oct. 9, 1976; minimum elevation, 809.28 ft, Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 815.35 ft, Apr. 1-2; minimum elevation, 810.92 ft, Sep. 26.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814.16	814.54	813.50	812.64	813.14	814.30	815.35	815.09	814.92	814.88	813.91	812.35
2	814.13	814.57	813.48	812.78	813.36	814.32	815.22	815.05	815.02	814.77	813.83	812.29
3	814.11	814.63	813.43	813.10	813.35	814.38	815.12	815.06	815.02	814.67	813.76	812.28
4	814.16	814.64	813.30	813.16	813.27	814.41	815.06	815.06	815.00	814.65	813.69	812.20
5	814.16	814.63	813.18	813.10	813.17	814.43	815.00	815.07	814.95	814.60	813.62	812.10
6	814.16	814.62	813.07	813.00	813.07	814.44	814.94	815.05	814.91	814.56	813.54	812.10
7	814.39	814.60	812.94	812.86	813.11	814.48	814.95	815.04	814.87	814.56	813.47	812.01
8	814.72	814.60	812.87	812.76	813.12	814.48	815.00	814.97	814.84	814.56	813.40	811.96
9	814.76	814.60	812.76	812.63	813.19	814.54	815.03	814.96	814.82	814.53	813.32	811.90
10	814.78	814.62	812.73	812.49	813.25	814.58	815.04	814.96	814.76	814.61	813.25	811.83
11	814.79	814.66	812.74	812.47	813.29	814.64	815.04	814.96	814.68	814.64	813.15	811.75
12	814.79	814.66	812.77	812.52	813.33	814.70	815.00	814.98	814.62	814.69	813.04	811.69
13	814.80	814.66	812.87	812.56	813.36	814.75	815.01	815.01	814.57	814.71	812.91	811.62
14	814.78	814.74	812.82	812.61	813.38	814.88	815.03	815.10	814.57	814.71	812.77	811.54
15	814.77	814.79	812.79	812.68	813.41	814.96	815.03	815.12	814.48	814.70	812.65	811.46
16	814.76	814.77	812.74	812.72	813.44	815.02	814.99	815.10	814.48	814.70	812.54	811.36
17	814.75	814.70	812.71	812.80	813.52	815.06	814.98	815.08	814.76	814.66	812.42	811.28
18	814.74	814.60	812.72	812.86	813.62	815.08	814.98	815.13	814.81	814.64	812.30	811.21
19	814.73	814.49	812.78	812.84	813.81	815.09	814.99	815.13	814.80	814.62	812.17	811.14
20	814.72	814.39	812.81	812.82	813.92	815.09	815.01	815.10	814.80	814.62	812.20	811.08
21	814.71	814.28	812.86	812.76	813.98	815.22	815.02	815.08	814.79	814.62	812.12	811.09
22	814.66	814.18	812.81	812.70	814.03	815.16	815.02	815.06	814.79	814.60	812.01	811.05
23	814.64	814.08	812.76	812.79	814.06	815.13	815.02	815.04	814.78	814.58	811.91	811.02
24	814.63	813.96	812.93	812.93	814.11	815.11	815.02	815.01	814.78	814.54	812.36	810.98
25	814.62	813.84	812.95	812.96	814.16	815.10	815.02	815.00	814.80	814.51	812.47	810.95
26	814.61	813.73	812.90	812.96	814.19	815.10	815.03	815.01	814.86	814.41	812.56	810.93
27	814.60	813.60	812.83	812.94	814.22	815.09	815.06	815.02	814.86	814.29	812.60	811.07
28	814.59	813.54	812.76	812.92	814.28	815.08	815.07	815.00	814.88	814.20	812.58	811.44
29	814.58	813.53	812.70	812.89	---	815.08	815.09	814.99	815.05	814.13	812.54	811.58
30	814.57	813.51	812.64	812.88	---	815.08	815.20	814.97	814.99	814.06	812.47	811.62
31	814.55	---	812.64	812.83	---	815.04	---	814.95	---	813.98	812.41	---
MAX	814.80	814.79	813.50	813.16	814.28	815.22	815.35	815.13	815.05	814.88	813.91	812.35
MIN	814.11	813.51	812.64	812.47	813.07	814.30	814.94	814.95	814.48	813.98	811.91	810.93
(+)	7.08	6.58	6.19	6.27	6.94	7.32	7.40	7.28	7.30	6.79	6.08	5.73
(*)	+9.98	-25.8	-19.5	+3.99	+37.0	+19.0	+4.13	-5.99	+1.03	-25.5	-35.4	-18.0

CAL YR 1998 * -0.59 MAX 815.79 MIN 812.39
WTR YR 1999 * -4.87 MAX 815.35 MIN 810.93

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35'', long 81°57'35'', Spartanburg County, Hydrologic Unit 03050105, on right bank, 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi^2.

PERIOD OF RECORD.--December 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Basic data recorder. Datum of gage is 706.33 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. About 56 ft^3/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	100	103	135	356	161	750	355	92	87	67	e67
2	89	98	103	116	782	139	895	246	94	129	66	e64
3	86	122	106	405	447	144	511	140	99	140	72	e62
4	92	119	170	396	359	166	372	127	106	115	81	e61
5	93	107	184	289	337	143	319	124	97	88	79	e60
6	103	104	184	259	318	140	281	210	93	84	73	e65
7	137	102	184	250	271	137	202	236	91	86	77	e65
8	418	102	186	249	187	182	167	213	89	86	79	63
9	183	103	198	253	158	193	164	198	85	116	74	62
10	135	106	179	301	163	165	156	121	85	96	66	60
11	116	136	130	233	154	142	149	115	86	101	71	60
12	110	147	101	147	147	135	142	114	87	110	67	57
13	106	120	211	123	142	131	138	113	86	132	77	56
14	102	120	248	123	137	146	135	158	83	108	69	66
15	99	135	154	134	134	165	218	182	82	96	75	52
16	100	190	152	131	133	149	195	175	119	89	70	51
17	99	249	146	125	133	140	136	169	188	87	69	48
18	100	280	119	196	239	136	130	132	116	87	69	48
19	98	296	115	244	263	133	129	131	97	85	72	50
20	98	206	121	223	345	140	130	151	91	86	70	50
21	97	165	123	204	249	291	127	206	88	77	67	54
22	95	189	146	247	189	313	124	152	87	76	69	58
23	94	218	168	341	166	255	121	131	87	75	67	60
24	96	211	276	432	156	214	119	102	87	76	268	54
25	97	184	361	293	151	210	117	98	111	72	184	52
26	97	185	275	236	147	188	117	99	128	77	109	52
27	96	185	209	213	177	197	123	106	109	84	106	60
28	95	155	214	201	196	187	171	98	103	103	84	306
29	99	116	213	192	---	179	164	95	95	85	76	179
30	96	103	206	227	---	178	410	94	91	68	74	123
31	96	---	189	222	---	204	---	92	---	67	71	---
TOTAL	3522	4653	5474	7140	6636	5403	6912	4683	2952	2868	2618	2165
MEAN	114	155	177	230	237	174	230	151	98.4	92.5	84.5	72.2
MAX	418	296	361	432	782	313	895	355	188	140	268	306
MIN	86	98	101	116	133	131	117	92	82	67	66	48
CFSM	.54	.73	.83	1.09	1.12	.82	1.09	.71	.46	.44	.40	.34
IN.	.62	.82	.96	1.25	1.16	.95	1.21	.82	.52	.50	.46	.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

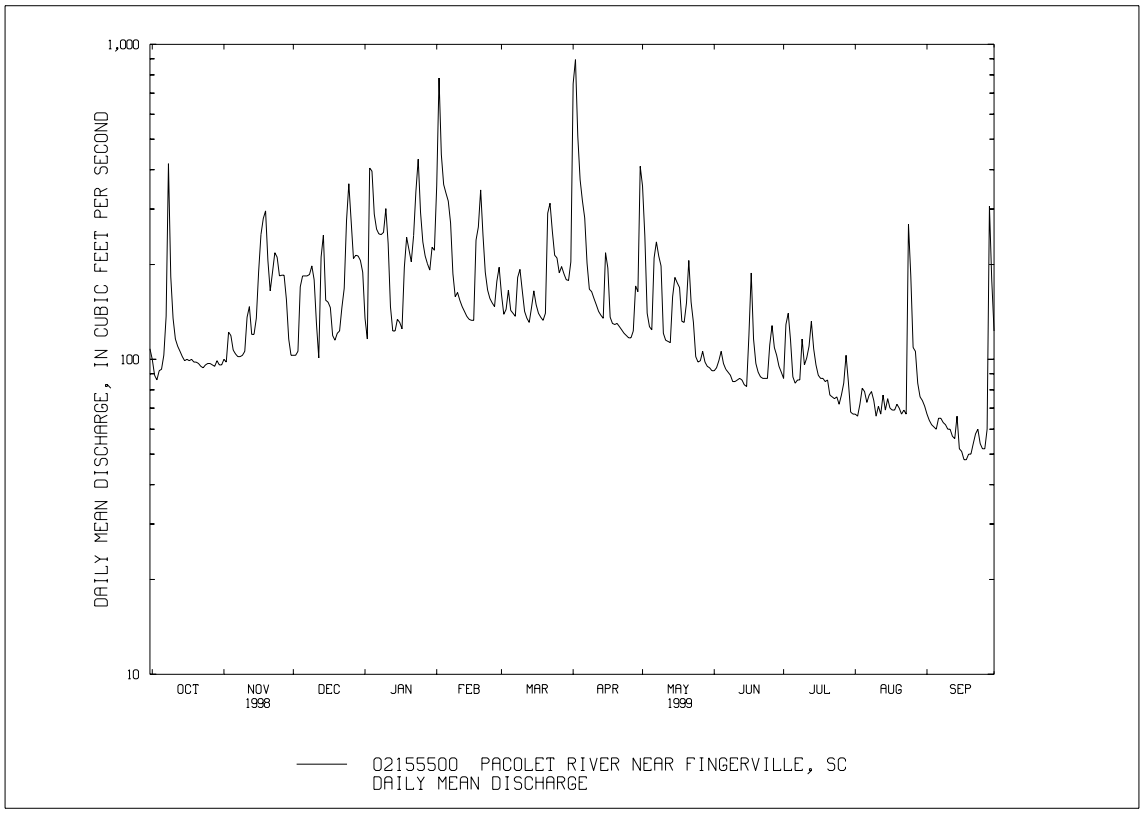
MEAN	284	271	343	412	449	488	442	340	283	245	263	224
MAX	1313	784	733	1203	940	1324	1249	816	647	486	846	763
(WY)	1965	1993	1984	1937	1990	1952	1936	1959	1961	1945	1940	1975
MIN	42.2	83.6	106	107	129	153	127	107	86.8	47.7	59.0	51.0
(WY)	1955	1982	1956	1956	1986	1988	1986	1988	1988	1986	1988	1954

02155500 PACOLET RIVER NEAR FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	120560		55026			
ANNUAL MEAN	330		151		337	
HIGHEST ANNUAL MEAN					535	1937
LOWEST ANNUAL MEAN					140	1988
HIGHEST DAILY MEAN	3590	Feb 4	895	Apr 2	13500	Aug 14 1940
LOWEST DAILY MEAN	82 ***	Sep 17	48 ***	Sep 17	32 *	Oct 6 1954
ANNUAL SEVEN-DAY MINIMUM	83	Sep 14	50	Sep 15	35	Oct 4 1954
INSTANTANEOUS PEAK FLOW			1320	Apr 1	** 22800	Aug 14 1940
INSTANTANEOUS PEAK STAGE			3.28	Apr 1	22.43	Aug 14 1940
ANNUAL RUNOFF (CFSM)	1.56		.71		1.59	
ANNUAL RUNOFF (INCHES)	21.15		9.66		21.61	
10 PERCENT EXCEEDS	621		254		570	
50 PERCENT EXCEEDS	206		124		251	
90 PERCENT EXCEEDS	96		69		115	

* Also occurred Oct. 7, 1954.
** From rating curve extended above 9,600 ft 3/s by velocity-area studies.
*** Also occurred Sep. 18.

e Estimated



021556524 LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°03'29'' (revised), long 81°51'05'', Spartanburg County, Hydrologic Unit 03050105, approximately 100 ft upstream of Lake Blalock Dam, and 3.5 mi northwest of Cowpens, and in the Lake Blalock Public Landing Area.

DRAINAGE AREA.--273 mi^2, approximately.

PERIOD OF RECORD.--February 1998 to September 1999.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 702.87 ft, Mar. 9, 1998; minimum elevation, 698.48 ft, Sep. 26, 27, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 700.89 ft, Apr. 2; minimum elevation, 698.48 ft, Sep. 26, 27.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	700.75	700.59	701.05	700.14	699.97	699.92	699.90
2	---	---	---	---	---	700.71	700.55	700.89	700.13	699.95	699.90	699.89
3	---	---	---	---	---	700.69	700.69	700.84	700.12	699.95	699.89	700.23
4	---	---	---	---	---	700.67	700.69	700.81	700.12	699.95	699.88	700.08
5	---	---	---	---	---	700.67	700.58	700.67	700.21	699.95	699.88	699.96
6	---	---	---	---	---	700.66	700.56	700.59	700.18	699.96	699.88	699.92
7	---	---	---	---	---	700.61	700.55	700.54	700.14	699.96	699.87	699.91
8	---	---	---	---	---	702.27	700.59	700.32	700.10	699.95	699.93	699.90
9	---	---	---	---	---	702.29	700.73	700.27	700.08	699.94	699.95	699.89
10	---	---	---	---	---	701.33	700.64	700.29	700.11	699.93	700.11	699.88
11	---	---	---	---	---	700.95	700.62	700.30	700.17	699.92	700.05	699.88
12	---	---	---	---	---	700.86	700.56	700.30	700.14	699.92	699.99	699.88
13	---	---	---	---	---	700.83	700.56	700.22	700.09	699.92	699.95	699.88
14	---	---	---	---	---	700.73	700.58	700.20	700.08	699.92	700.27	699.87
15	---	---	---	---	---	700.69	700.63	700.18	700.08	699.92	700.26	699.87
16	---	---	---	---	---	700.68	700.59	700.20	700.07	699.93	700.18	699.86
17	---	---	---	---	---	700.75	701.03	700.18	700.05	699.92	700.07	699.86
18	---	---	---	---	---	700.78	700.82	700.16	700.04	699.91	700.01	699.86
19	---	---	---	---	---	700.85	701.29	700.16	700.01	699.90	699.96	699.85
20	---	---	---	---	---	700.87	701.02	700.15	700.01	699.90	699.94	699.86
21	---	---	---	---	---	700.81	700.85	700.13	700.02	699.89	699.93	699.92
22	---	---	---	---	---	700.73	700.91	700.13	700.05	699.93	699.93	699.95
23	---	---	---	---	---	700.70	700.89	700.12	700.04	700.05	699.92	699.90
24	---	---	---	---	---	700.69	700.82	700.12	700.06	700.02	699.91	699.88
25	---	---	---	---	---	700.67	700.72	700.12	700.05	700.00	699.91	699.87
26	---	---	---	---	---	700.67	700.69	700.09	700.04	699.96	699.90	699.87
27	---	---	---	---	700.88	700.60	700.74	700.09	700.01	699.96	699.89	699.87
28	---	---	---	---	700.80	700.57	700.75	700.12	699.97	699.95	699.89	699.86
29	---	---	---	---	---	700.57	700.63	700.47	699.96	699.93	699.89	699.87
30	---	---	---	---	---	700.60	700.81	700.28	699.99	699.94	699.92	699.94
31	---	---	---	---	---	700.58	---	700.19	---	699.94	699.94	---
MAX	---	---	---	---	700.88	702.29	701.29	701.05	700.21	700.05	700.27	700.23
MIN	---	---	---	---	700.80	700.57	700.55	700.09	699.96	699.89	699.87	699.85

021556524 LAKE BLALOCK NEAR COWPENS, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	699.90	699.89	699.91	699.97	700.54	700.04	700.86	700.23	699.87	699.84	699.76	699.77
2	699.87	699.94	699.91	700.07	700.57	700.01	700.62	700.13	699.92	699.94	699.75	699.76
3	699.86	699.96	699.92	700.45	700.35	700.05	700.41	700.01	699.93	699.95	699.76	699.75
4	699.90	699.93	700.01	700.28	700.26	700.04	700.28	699.98	699.92	699.93	699.78	699.74
5	699.89	699.93	700.04	700.19	700.25	700.03	700.23	699.99	699.89	699.89	699.79	699.75
6	699.91	699.92	700.04	700.15	700.23	700.03	700.19	700.11	699.88	699.87	699.78	699.76
7	700.00	699.91	700.04	700.14	700.16	700.00	700.09	700.14	699.87	699.88	699.78	699.76
8	700.26	699.91	700.06	700.15	700.07	700.06	700.07	700.10	699.87	699.86	699.79	699.75
9	700.04	699.91	700.05	700.14	700.05	700.10	700.06	700.07	699.86	699.91	699.76	699.74
10	699.97	699.92	700.02	700.20	700.06	700.05	700.04	699.97	699.88	699.93	699.73	699.72
11	699.93	699.97	699.96	700.10	700.04	700.02	700.04	699.95	699.87	699.92	699.74	699.67
12	699.92	699.98	699.94	700.02	700.01	700.01	699.99	699.95	699.86	699.96	699.70	699.58
13	699.91	699.94	700.17	699.99	699.99	700.00	699.99	699.96	699.85	699.96	699.75	699.48
14	699.90	699.99	700.10	699.99	700.00	700.07	699.99	700.01	699.84	699.92	699.73	699.42
15	699.89	700.00	700.03	700.00	700.00	700.06	700.12	700.03	699.87	699.90	699.73	699.31
16	699.89	700.08	700.03	699.99	700.00	700.04	700.05	700.05	700.07	699.88	699.73	699.20
17	699.89	700.12	699.97	700.01	700.04	700.03	699.99	700.03	700.05	699.87	699.74	699.07
18	699.89	700.16	699.95	700.12	700.17	700.01	699.98	700.00	699.95	699.89	699.71	698.95
19	699.90	700.15	699.95	700.13	700.27	700.01	699.97	699.98	699.90	699.86	699.70	698.83
20	699.89	700.07	699.95	700.12	700.27	700.03	699.98	700.00	699.88	699.84	699.74	698.72
21	699.89	700.02	699.96	700.10	700.19	700.29	699.97	700.06	699.87	699.83	699.74	698.71
22	699.87	700.04	699.99	700.18	700.10	700.24	699.97	700.02	699.86	699.82	699.74	698.67
23	699.88	700.09	700.03	700.30	700.06	700.17	699.96	699.96	699.86	699.83	699.80	698.64
24	699.88	700.07	700.27	700.36	700.05	700.14	699.95	699.91	699.88	699.82	700.20	698.59
25	699.89	700.04	700.24	700.21	700.04	700.13	699.95	699.91	699.96	699.81	700.00	698.54
26	699.89	700.04	700.15	700.15	700.04	700.11	699.95	699.92	699.96	699.80	699.92	698.48
27	699.89	700.04	700.09	700.12	700.08	700.11	700.00	699.91	699.94	699.86	699.89	698.53
28	699.89	700.00	700.10	700.11	700.09	700.09	700.05	699.90	699.91	699.88	699.84	699.26
29	699.90	699.94	700.09	700.09	---	700.08	700.05	699.89	699.89	699.84	699.81	699.68
30	699.89	699.92	700.06	700.15	---	700.08	700.43	699.89	699.87	699.80	699.79	699.81
31	699.89	---	700.04	700.11	---	700.14	---	699.88	---	699.78	699.77	---
MAX	700.26	700.16	700.27	700.45	700.57	700.29	700.86	700.23	700.07	699.96	700.20	699.81
MIN	699.86	699.89	699.91	699.97	699.99	700.00	699.95	699.88	699.84	699.78	699.70	698.48

021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°02'51'' (revised), long 81°51'21'' (revised), Spartanburg County, Hydrologic Unit 03050105, on left bank, 0.75 mi downstream of Lake Blalock Dam, and 3.5 mi northwest of Cowpens, S.C.

DRAINAGE AREA.--273 mi^2.

PERIOD OF RECORD.--November 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 600 ft (revised) above sea level (from global positioning system). November 1993 to November 4, 1998, at site 0.6 mi upstream at datum 1.0 ft. higher.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	149	126	145	208	299	229	664	488	119	113	77	85
2	129	128	143	185	982	191	1200	323	120	122	71	80
3	119	160	144	471	714	206	668	222	150	163	68	75
4	143	159	170	616	500	216	477	177	138	151	80	72
5	138	148	212	433	414	198	387	171	130	134	89	71
6	139	141	221	350	393	194	341	212	123	120	86	75
7	160	136	221	323	369	188	281	280	119	118	84	76
8	390	137	224	316	296	200	223	268	115	118	86	75
9	293	140	234	318	229	238	210	243	109	124	85	68
10	200	144	231	319	222	237	205	189	108	137	71	66
11	167	162	193	347	217	199	196	158	115	141	67	84
12	155	187	156	249	208	187	190	152	114	150	64	94
13	148	170	240	195	200	181	173	151	111	162	64	92
14	144	167	330	182	184	202	173	175	104	151	66	91
15	138	197	241	192	184	232	216	208	114	135	65	89
16	135	214	211	188	183	212	258	197	157	124	67	87
17	135	279	214	182	183	200	191	204	239	118	69	85
18	133	295	174	209	258	195	173	186	179	120	64	84
19	133	345	167	294	329	183	168	177	140	117	62	82
20	133	282	169	287	432	180	171	173	125	113	65	81
21	129	222	172	269	350	312	168	208	118	102	70	75
22	125	216	176	252	272	403	164	198	114	99	71	69
23	117	236	204	386	231	339	161	178	114	97	70	68
24	121	262	320	530	217	281	158	148	117	97	284	68
25	124	232	465	484	209	261	152	130	138	93	288	67
26	125	226	379	346	203	246	152	134	164	92	171	67
27	126	222	284	293	209	237	162	138	154	97	144	67
28	124	210	268	272	243	236	200	132	144	118	125	71
29	127	177	267	257	---	225	208	126	131	119	107	76
30	126	150	258	257	---	220	391	122	120	97	95	84
31	125	---	239	296	---	228	---	121	---	83	88	---
TOTAL	4650	5870	7072	9506	8730	7056	8481	5989	3943	3725	2963	2324
MEAN	150	196	228	307	312	228	283	193	131	120	95.6	77.5
MAX	390	345	465	616	982	403	1200	488	239	163	288	94
MIN	117	126	143	182	183	180	152	121	104	83	62	66
CFSM	.55	.72	.84	1.12	1.14	.83	1.04	.71	.48	.44	.35	.28
IN.	.63	.80	.96	1.30	1.19	.96	1.16	.82	.54	.51	.40	.32

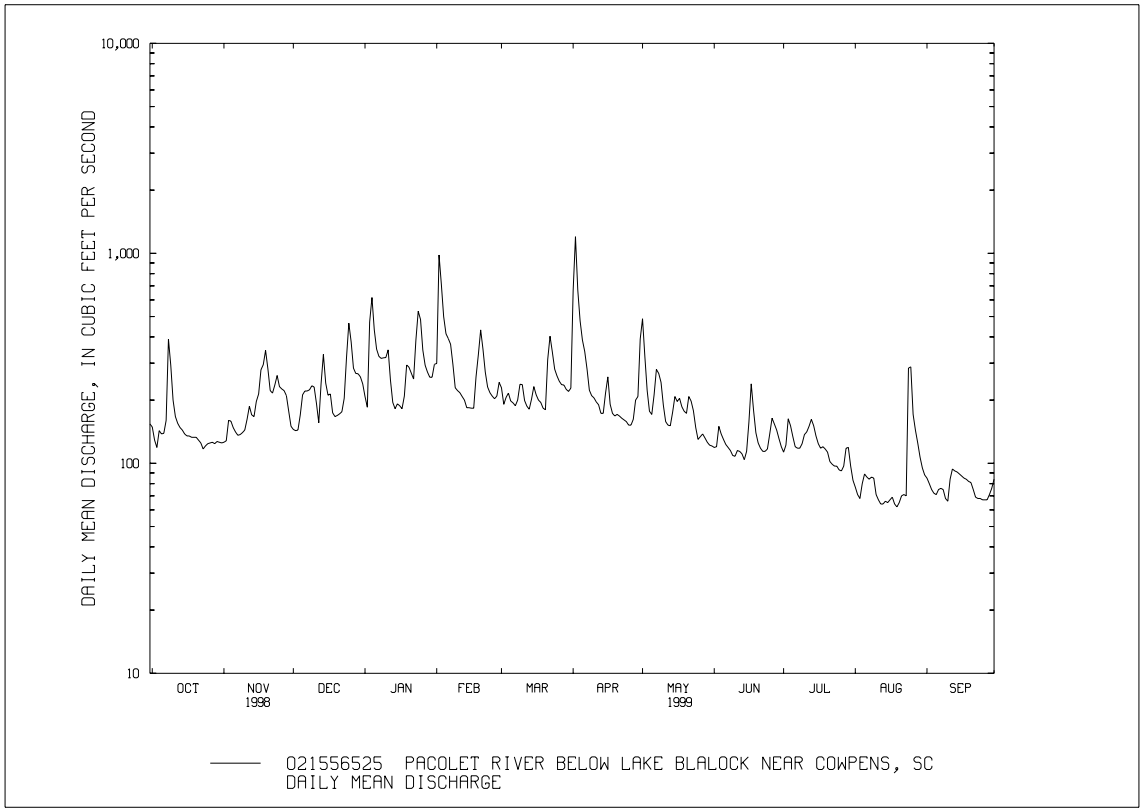
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1999, BY WATER YEAR (WY)

MEAN	342	296	380	584	614	534	404	307	261	222	427	225
MAX	652	617	549	982	975	751	523	404	363	394	991	393
(WY)	1996	1996	1995	1995	1998	1998	1998	1998	1995	1994	1995	1995
MIN	150	170	228	307	312	228	283	191	131	120	95.6	77.5
(WY)	1999	1994	1999	1999	1999	1999	1999	1994	1999	1999	1999	1999

021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1994 - 1999	
ANNUAL TOTAL	142982		70309			
ANNUAL MEAN	392		193		385	
HIGHEST ANNUAL MEAN					524	1995
LOWEST ANNUAL MEAN					193	1999
HIGHEST DAILY MEAN	4320	Mar 9	1200	Apr 2	11000	Aug 28 1995
LOWEST DAILY MEAN	117	Oct 23	62	Aug 19	51	Sep 20 1997
ANNUAL SEVEN-DAY MINIMUM	121	Sep 14	65	Aug 13	65	Aug 13 1999
INSTANTANEOUS PEAK FLOW			1450	Apr 2	* 12000	Aug 28 1995
INSTANTANEOUS PEAK STAGE			4.47	Apr 2	** 17.10	Aug 28 1995
ANNUAL RUNOFF (CFSM)	1.43		.71		1.41	
ANNUAL RUNOFF (INCHES)	19.48		9.58		19.18	
10 PERCENT EXCEEDS	678		319		593	
50 PERCENT EXCEEDS	252		169		294	
90 PERCENT EXCEEDS	129		81		138	

* On basis of computation of peak flow over dam.
** From floodmark.



02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'26'', long 82°04'03'', Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from Meadow Creek.

DRAINAGE AREA.--6.46 mi^2.

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Elevation of gage is 838 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	3.7	4.4	5.6	24	6.4	30	8.6	4.0	3.4	2.7	1.7
2	4.0	4.3	4.4	6.6	16	6.3	10	7.3	5.2	3.4	2.6	1.6
3	4.0	7.1	4.4	24	9.7	7.7	8.0	7.1	7.5	3.5	2.3	1.6
4	11	4.8	4.4	11	8.6	6.9	7.1	6.3	5.6	3.4	2.2	1.5
5	6.2	4.6	4.6	8.9	7.9	6.5	6.7	7.4	4.6	3.2	2.0	1.7
6	5.7	4.4	4.5	8.3	7.7	6.6	6.2	8.1	4.3	3.5	1.9	2.4
7	9.5	4.5	4.5	8.0	7.4	6.4	6.1	8.6	4.2	8.7	1.9	1.8
8	16	4.7	4.7	8.7	7.0	6.2	6.1	7.4	3.9	6.4	1.9	1.9
9	5.6	4.7	5.0	8.2	6.9	7.2	6.1	e5.9	3.6	4.8	1.6	1.7
10	4.7	5.0	4.6	7.7	7.4	7.0	6.0	5.7	3.5	9.6	1.5	1.7
11	4.4	6.6	4.5	7.2	6.8	6.8	5.9	5.4	3.6	7.9	1.3	1.4
12	4.2	5.1	4.6	7.1	6.5	6.5	5.4	5.4	3.5	7.7	1.2	1.5
13	4.0	5.2	12	7.0	6.3	6.3	5.6	6.2	3.3	6.3	1.3	1.4
14	3.9	6.5	6.6	7.1	6.4	9.0	5.7	6.2	3.2	5.5	1.3	.94
15	3.8	7.5	6.2	8.0	7.1	7.6	6.8	5.7	4.5	5.3	1.3	1.0
16	3.7	6.7	7.5	7.2	6.4	6.9	6.2	5.5	13	4.7	1.3	1.4
17	3.6	6.0	6.1	8.1	6.6	6.7	5.9	5.3	6.5	4.4	1.5	.94
18	3.7	5.4	5.5	11	9.6	6.5	5.9	5.9	4.6	4.2	1.3	1.1
19	3.7	5.4	5.9	8.7	13	6.4	5.8	6.4	4.2	3.8	1.1	1.2
20	3.7	5.2	6.0	8.3	9.7	6.5	5.5	5.3	4.1	3.5	3.5	1.3
21	3.7	4.8	5.8	8.1	8.3	13	5.6	4.9	3.9	3.5	2.7	1.9
22	3.7	4.7	5.4	7.9	7.9	7.9	5.4	4.7	3.9	3.4	2.3	2.7
23	3.8	4.9	5.9	13	7.7	7.2	5.3	4.7	3.9	3.2	2.3	1.9
24	4.0	4.9	19	15	7.4	7.0	5.7	4.5	4.0	3.1	15	1.6
25	3.9	5.0	10	9.6	7.2	6.7	5.6	4.3	5.6	3.2	4.6	1.6
26	3.9	5.0	7.6	8.7	7.0	6.7	5.6	5.6	4.3	2.9	3.8	1.4
27	3.8	6.2	6.7	8.2	6.6	6.8	6.3	4.8	6.0	2.8	2.8	5.3
28	3.8	6.3	6.6	7.9	6.8	6.5	6.8	4.4	5.1	3.1	2.7	8.3
29	3.9	5.1	6.4	7.7	---	6.6	7.2	5.1	4.4	2.9	2.4	9.3
30	3.8	4.9	5.8	8.2	---	6.2	19	4.4	3.7	2.8	2.0	4.8
31	3.7	---	5.7	8.0	---	6.7	---	4.1	---	2.7	1.7	---
TOTAL	152.1	159.2	195.3	279.0	239.9	217.7	223.5	181.2	141.7	136.8	78.0	68.58
MEAN	4.91	5.31	6.30	9.00	8.57	7.02	7.45	5.85	4.72	4.41	2.52	2.29
MAX	16	7.5	19	24	24	13	30	8.6	13	9.6	15	9.3
MIN	3.6	3.7	4.4	5.6	6.3	6.2	5.3	4.1	3.2	2.7	1.1	.94
CFSM	.76	.82	.98	1.39	1.33	1.09	1.15	.90	.73	.68	.39	.35
IN.	.88	.92	1.12	1.61	1.38	1.25	1.29	1.04	.82	.79	.45	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1999, BY WATER YEAR (WY)

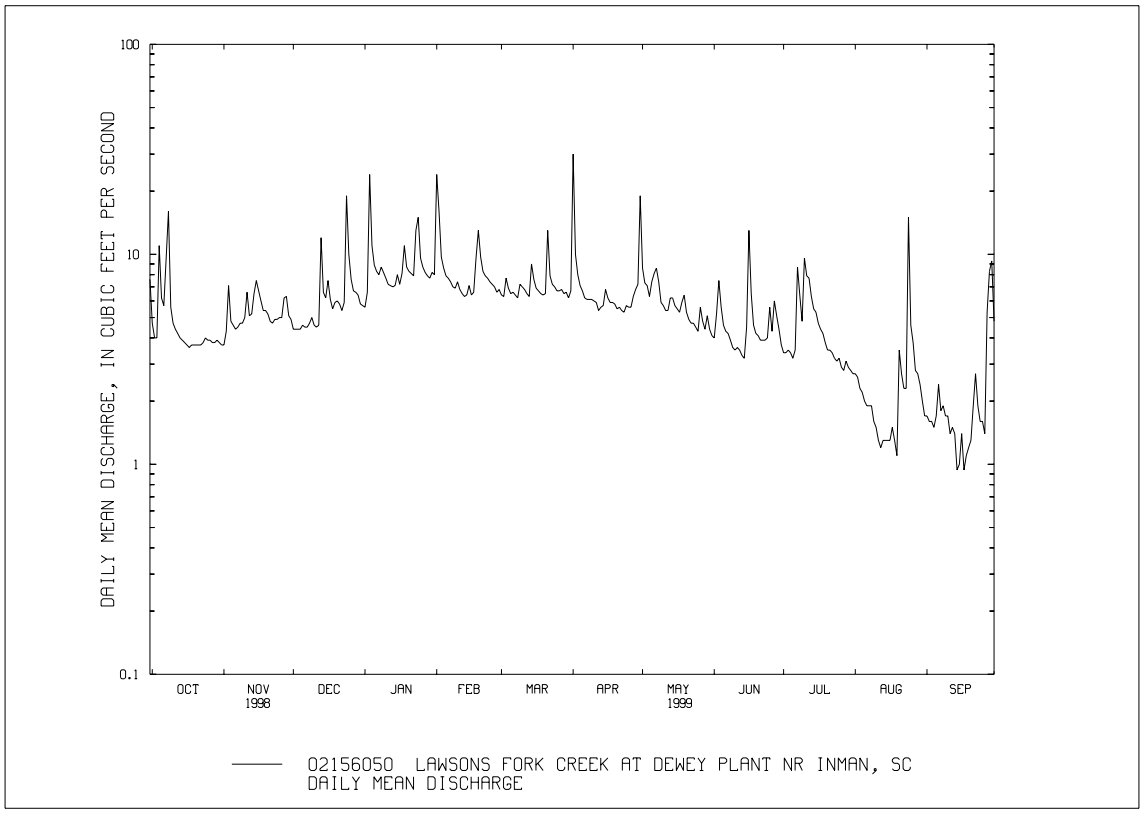
MEAN	8.05	9.06	9.80	12.4	13.2	13.8	10.2	9.44	7.76	6.16	7.46	5.21
MAX	20.5	19.3	18.2	28.3	23.8	33.7	17.0	20.3	14.2	12.3	28.0	9.13
(WY)	1993	1993	1984	1993	1990	1993	1983	1984	1989	1984	1994	1980
MIN	3.30	3.89	5.00	5.22	6.53	7.02	4.87	4.65	4.02	1.61	2.40	2.29
(WY)	1988	1982	1989	1981	1988	1999	1986	1986	1986	1986	1988	1999

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1980 - 1999	
ANNUAL TOTAL	3524.6		2072.98			
ANNUAL MEAN	9.66		5.68		9.36	
HIGHEST ANNUAL MEAN					15.2	1993
LOWEST ANNUAL MEAN					5.68	1999
HIGHEST DAILY MEAN	134	Mar 8	30	Apr 1	370	Aug 27 1995
LOWEST DAILY MEAN	2.5	Sep 1	.94 **	Sep 14	.94	Sep 14 1999
ANNUAL SEVEN-DAY MINIMUM	2.6	Aug 27	1.1	Sep 14	1.1	Sep 14 1999
INSTANTANEOUS PEAK FLOW			83	Apr 1	563	Aug 17 1994
INSTANTANEOUS PEAK STAGE			3.22	Apr 1	7.86	May 23 1980
INSTANTANEOUS LOW FLOW			.66	* Sep 17	.66	* Sep 17 1999
ANNUAL RUNOFF (CFSM)	1.49		.88		1.45	
ANNUAL RUNOFF (INCHES)	20.30		11.94		19.69	
10 PERCENT EXCEEDS	14		8.3		14	
50 PERCENT EXCEEDS	6.5		5.4		7.1	
90 PERCENT EXCEEDS	3.6		1.9		3.5	

* Also occurred on Sep. 19, 21, 1999.
** Also occurred on Sep. 17.

e Estimated



02156409 BROAD RIVER NEAR LOCKHART, SC

LOCATION.--Lat 34°43'56'', long 81°29'21'', Union County, Hydrologic Unit 03050106, on the right bank 10 ft upstream of the intake for the City of Union municipal supply, 0.9 mi upstream of Browns Creek, 4.0 mi southwest of Lockhart, 6.4 mi upstream of Neals Shoals Powerplant, and at mile 239.2.

DRAINAGE AREA.--2,720 mi^2, approximately.

PERIOD OF RECORD.--October 1992 to current year.

GAGE.--Data Collection Platform. Elevation of gage is 338 ft above sea level (from topographic map).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1610	1430	1470	2130	2870	2420	2430	5850	1370	1640	635	506
2	1430	1370	1890	2010	8100	2280	5400	5040	1430	1320	580	637
3	1370	1160	1500	5920	7810	2870	5710	3340	1930	1200	536	501
4	1640	1740	1150	7860	5320	2780	4380	2200	1880	1460	891	519
5	1640	1490	1520	5600	4010	2660	3470	2220	1480	1470	706	531
6	1210	1580	1460	3120	2970	2540	2590	1810	1390	1580	664	566
7	1480	1390	1870	3090	3130	2410	2750	2150	1500	1530	476	672
8	1870	1500	1260	2600	2390	2110	2940	2350	1050	2730	e500	583
9	3380	1530	1790	2220	2520	2300	2430	2070	1300	1820	e380	502
10	2450	1400	1740	2450	2730	2440	2290	2040	1230	1380	e200	673
11	1190	1430	1800	2560	2620	2700	2420	1610	1560	1250	565	621
12	1740	1590	1870	2230	2880	2400	2110	1570	1060	1720	426	571
13	1380	1770	1730	2190	2610	2210	2100	1710	1230	1380	470	566
14	1420	1730	2450	2230	2500	2550	2220	1800	1400	e2000	497	555
15	1230	1580	1780	1900	2370	2890	2210	1960	1510	e1410	482	531
16	1230	1790	2410	2360	2160	2520	2350	1860	1600	1440	422	570
17	1360	1490	2010	2380	2200	2510	2360	1770	1920	1560	427	531
18	1230	2020	1670	2580	2560	2470	2230	1750	2130	1490	450	436
19	1420	1630	1710	2560	3740	2350	2080	1930	1160	1700	371	407
20	1300	1590	1700	2990	6360	2400	2060	1970	1510	797	352	493
21	1580	1520	1700	2560	6050	2890	2190	1480	994	964	409	518
22	1310	1640	1900	2580	4750	3800	2060	1680	1190	1300	412	500
23	1550	1430	1910	3110	3330	2970	1880	1770	1260	1430	489	473
24	1640	1580	2800	9980	2920	2600	1810	1470	1500	1020	625	613
25	1570	1480	5810	8840	2980	2550	2120	1210	1340	1100	e1560	559
26	1320	1620	4550	5070	2720	2540	1990	1800	1500	1390	e2150	542
27	1530	1530	2790	3610	2800	2470	1780	1350	1450	1150	e1400	461
28	1310	1710	2470	2890	2340	2390	1900	1500	1740	796	e1040	496
29	1310	1600	2340	3390	---	2060	2010	1670	1600	646	e950	e1680
30	1350	1540	2470	2540	---	2430	3240	1310	1340	632	e730	e1460
31	1160	---	2150	2650	---	2240	---	1390	---	688	e342	---
TOTAL	47210	46860	65670	108200	99740	78750	77510	63630	43554	41993	20137	18273
MEAN	1523	1562	2118	3490	3562	2540	2584	2053	1452	1355	650	609
MAX	3380	2020	5810	9980	8100	3800	5710	5850	2130	2730	2150	1680
MIN	1160	1160	1150	1900	2160	2060	1780	1210	994	632	200	407
CFSM	.56	.57	.78	1.28	1.31	.93	.95	.75	.53	.50	.24	.22
IN.	.65	.64	.90	1.48	1.36	1.08	1.06	.87	.60	.57	.28	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1999, BY WATER YEAR (WY)

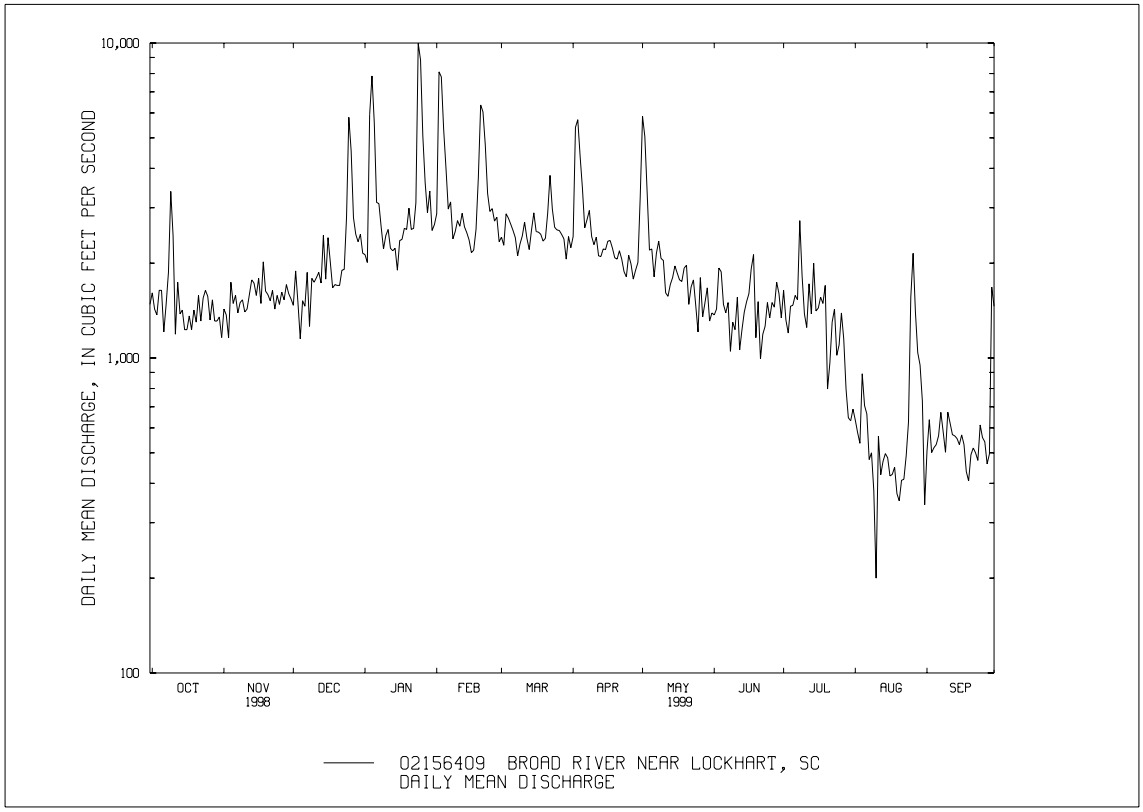
MEAN	2869	3376	3427	6327	6141	6554	4639	3346	2903	2023	2882	1867
MAX	5338	8018	5731	9537	8862	11980	7479	4899	4117	2765	6139	2930
(WY)	1993	1993	1993	1993	1998	1993	1993	1993	1995	1994	1994	1995
MIN	1523	1562	2037	3461	3562	2540	2575	2053	1452	1355	650	609
(WY)	1999	1999	1994	1994	1999	1999	1995	1999	1999	1999	1999	1999

02156409 BROAD RIVER NEAR LOCKHART, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1993 - 1999	
ANNUAL TOTAL	1432830		711527			
ANNUAL MEAN	3926		1949		3852	
HIGHEST ANNUAL MEAN					5569	1993
LOWEST ANNUAL MEAN					1949	1999
HIGHEST DAILY MEAN	35000	Mar 9	9980	Jan 24	57600	Jan 16 1995
LOWEST DAILY MEAN	833	Sep 10	200	Aug 10	200	Aug 10 1999
ANNUAL SEVEN-DAY MINIMUM	1120	Sep 10	406	Aug 16	406	Aug 16 1999
INSTANTANEOUS PEAK FLOW			11300	Jan 24	* 59300	Jan 16 1995
INSTANTANEOUS PEAK STAGE			10.89	Jan 24	25.41	Jan 16 1995
ANNUAL RUNOFF (CFSM)	1.44		.72		1.42	
ANNUAL RUNOFF (INCHES)	19.60		9.73		19.24	
10 PERCENT EXCEEDS	7860		2970		6790	
50 PERCENT EXCEEDS	2260		1700		2690	
90 PERCENT EXCEEDS	1260		563		1410	

* From rating curve extended above 27,000 ft^3/s.

e Estimated



02156449 NEAL SHOALS RESERVIOR NEAR CARLISLE, SC

LOCATION.--Lat 34°39'51'', long 81°26'57'', Union County, Hydrologic Unit 03050106, on right wingwall of Neal Shoals Reservior dam.

DRAINAGE AREA.--2,730 mi^2, approximately.

GAGE-HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is sea level (from South Carolina Electric and Gas Company benchmark).

REMARKS.--Lake is formed by granite block and concrete dam. Storage began in 1905. Capacity, 64,990,000 ft^3 below 333.9 ft (maximum normal lake elevation). Contents above 333.9 are unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 337.35 ft, Mar. 9, 1998; minimum gage height, unknown, July 7-14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 334.82 ft, Jan. 24; minimum gage height, 330.30 ft, Aug. 2-3.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	332.40	332.54	333.41	333.22	334.02	332.78	333.19	334.63	333.07	332.94	330.99	333.83
2	333.41	332.92	333.06	332.25	334.69	333.54	334.72	334.12	333.23	332.31	331.20	333.89
3	333.11	333.28	332.25	334.70	333.95	332.92	334.31	333.62	333.93	333.06	332.23	333.81
4	333.34	333.10	332.64	334.41	332.43	332.67	333.90	333.39	332.72	332.99	332.20	333.87
5	332.72	332.63	332.56	333.31	331.41	333.14	333.43	333.41	333.15	333.48	332.34	333.91
6	332.42	333.06	333.71	333.70	332.40	333.44	332.26	332.42	333.13	332.78	332.55	333.99
7	333.31	333.51	332.38	332.62	330.50	332.68	333.34	333.51	332.77	333.28	332.02	333.89
8	334.10	332.98	332.78	332.51	333.46	332.80	333.33	332.71	332.45	333.97	331.01	333.88
9	334.16	332.43	333.19	333.49	332.74	333.02	332.77	333.56	332.71	332.81	332.45	334.05
10	332.55	333.29	333.18	332.50	332.10	332.90	333.44	332.49	333.14	332.25	333.48	334.09
11	333.71	333.20	333.27	332.87	333.16	333.11	332.88	332.85	332.64	333.47	333.81	333.99
12	332.69	333.14	333.37	332.67	333.63	332.55	333.49	332.27	332.30	332.56	333.56	333.93
13	333.39	333.58	333.20	333.47	333.54	333.35	332.74	332.86	332.87	333.52	333.73	333.94
14	332.84	333.29	333.35	332.32	332.64	332.75	332.31	333.69	333.22	332.26	333.76	333.97
15	332.52	332.37	333.52	333.01	332.20	333.17	333.49	332.30	333.26	332.86	333.62	334.00
16	333.24	332.60	333.06	332.53	332.71	332.54	332.68	332.94	332.97	333.21	333.45	333.92
17	332.65	333.03	332.79	333.12	332.94	332.93	333.58	333.16	334.01	332.41	333.75	333.83
18	332.96	333.01	332.63	332.73	333.32	333.54	333.20	332.93	332.52	333.32	333.70	333.43
19	332.41	333.04	333.22	332.85	334.20	332.94	333.32	333.28	332.85	332.38	333.22	333.69
20	333.25	333.18	332.64	332.34	334.54	332.77	332.91	332.30	332.44	331.31	333.50	333.81
21	333.04	332.99	333.27	333.19	334.19	333.90	333.26	332.25	332.58	332.50	333.52	333.94
22	333.00	333.15	333.04	332.46	332.98	334.05	332.15	333.19	332.65	333.20	333.70	333.60
23	333.45	333.40	332.51	334.56	333.80	333.03	332.59	332.56	333.07	332.71	333.88	334.06
24	333.44	332.66	334.48	334.54	333.22	333.04	333.42	332.36	333.37	332.39	334.07	334.01
25	333.14	333.56	334.31	333.22	333.15	333.18	333.45	333.22	332.22	332.53	333.81	334.00
26	333.26	332.84	332.56	331.82	332.60	332.93	332.34	332.16	333.57	333.73	333.29	333.86
27	332.99	333.78	333.81	330.89	333.25	333.08	333.19	332.78	332.13	331.29	332.90	333.61
28	332.65	333.04	333.03	333.85	333.43	333.04	332.64	333.07	333.15	331.47	333.00	334.00
29	332.58	332.60	333.79	333.12	---	333.38	332.84	332.67	332.75	331.15	332.00	333.04
30	332.58	332.64	332.75	333.20	---	333.25	334.43	333.03	333.08	331.02	332.80	333.03
31	332.95	---	333.52	332.62	---	333.40	---	332.30	---	331.29	333.66	---
MAX	334.16	333.78	334.48	334.70	334.69	334.05	334.72	334.63	334.01	333.97	334.07	334.09
MIN	332.40	332.37	332.25	330.89	330.50	332.54	332.15	332.16	332.13	331.02	330.99	333.03
(+)	152.2	145.6	164.4	145.2	162.5	161.8	Unknown	138.3	155.0	116.7	167.4	153.9
(*)	-6.24	-2.55	+7.02	-7.17	+7.15	-0.26	Unknown	Unknown	+6.44	-14.3	+18.9	-5.21

CAL YR 1998 * +1.03 MAX 337.35 MIN 327.88
WTR YR 1999 * -0.48 MAX 334.72 MIN 330.50

(+) CONTENTS, IN MILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02156500 BROAD RIVER NEAR CARLISLE, SC

LOCATION.--Lat 34°35'46'', long 81°25'20'', Union County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Highway 72, 1.3 mi upstream from Sandy River, 2.0 mi downstream from Seaboard Coast Line Railroad bridge, 2.5 mi east of Carlisle, 5.0 mi downstream from Neal Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 892: 1939(M), drainage area.

GAGE.--Data collection platform. Datum of gage is 290.79 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2250	1320	1370	2250	2940	2410	2750	5820	1160	1530	886	493
2	1260	1480	1350	2170	7380	2230	4690	5200	1200	1540	834	671
3	1540	1420	1760	4970	8690	2400	5820	3510	1490	1300	561	572
4	1580	1520	1390	8260	6130	3110	4370	2440	2060	1180	366	545
5	2040	1800	1420	6070	4760	2780	3550	2120	1570	1130	643	565
6	1590	1400	1480	3940	3460	2540	3240	2530	1550	1600	671	664
7	1470	1380	1580	2930	3920	2830	2760	2290	1530	1490	705	823
8	2180	1480	1440	2830	2410	2210	2970	2900	1170	2690	795	656
9	4050	1350	1440	2660	2790	2090	2750	2450	1100	2400	407	565
10	3830	1310	1710	2920	2850	2680	2380	2250	1290	1800	166	863
11	2180	1420	1730	2460	2670	2860	2650	1690	1360	1400	586	821
12	1510	1650	1570	2310	2470	2680	2070	2070	1400	1680	555	694
13	1710	1670	1810	2190	2640	2260	2320	1820	1200	1470	517	654
14	1520	1830	2520	2230	2780	2750	2150	1810	1200	2180	569	621
15	1590	2010	2360	2140	2500	2810	2120	2440	1210	1500	561	587
16	1300	1780	2500	2300	1940	2970	2370	2200	1420	1470	505	709
17	1490	2180	2520	2570	2060	2700	2340	1810	1990	1630	474	571
18	1220	2130	2050	3240	2520	2460	2470	1800	2560	1190	519	474
19	1280	2320	1450	2800	3610	2720	1850	1750	1630	1300	469	403
20	1390	1870	1930	3530	6160	2270	1960	2620	1490	1370	398	462
21	1250	1890	1580	2900	6290	2630	1950	2100	1350	1070	444	570
22	1510	1850	1630	2820	5030	3580	2090	1610	1180	1040	433	580
23	1220	1720	2000	2860	3480	3350	1820	2090	1160	1370	462	441
24	1220	1460	2430	9930	3140	2990	1800	1690	1170	1110	667	721
25	1210	1340	5970	10200	3290	2850	2080	1290	1660	1030	1770	619
26	1450	1730	5110	5960	2580	2710	1920	1540	1900	1150	2380	592
27	1330	1580	2810	4360	2650	2660	1490	1690	2310	1240	1600	761
28	1270	1560	2640	3010	2460	2460	2340	1620	1650	1070	1160	633
29	1350	1490	2360	3400	---	2190	2430	1410	1900	1000	1120	1780
30	1440	1490	2970	2860	---	2130	3300	1470	1680	936	828	1690
31	1410	---	1940	2870	---	2460	---	1540	---	899	321	---
TOTAL	51640	49430	66820	115940	103600	81770	78800	69570	45540	43765	22372	20800
MEAN	1666	1648	2155	3740	3700	2638	2627	2244	1518	1412	722	693
MAX	4050	2320	5970	10200	8690	3580	5820	5820	2560	2690	2380	1780
MIN	1210	1310	1350	2140	1940	2090	1490	1290	1100	899	166	403
CFSM	.60	.59	.77	1.34	1.33	.95	.94	.80	.54	.51	.26	.25
IN.	.69	.66	.89	1.55	1.38	1.09	1.05	.93	.61	.58	.30	.28

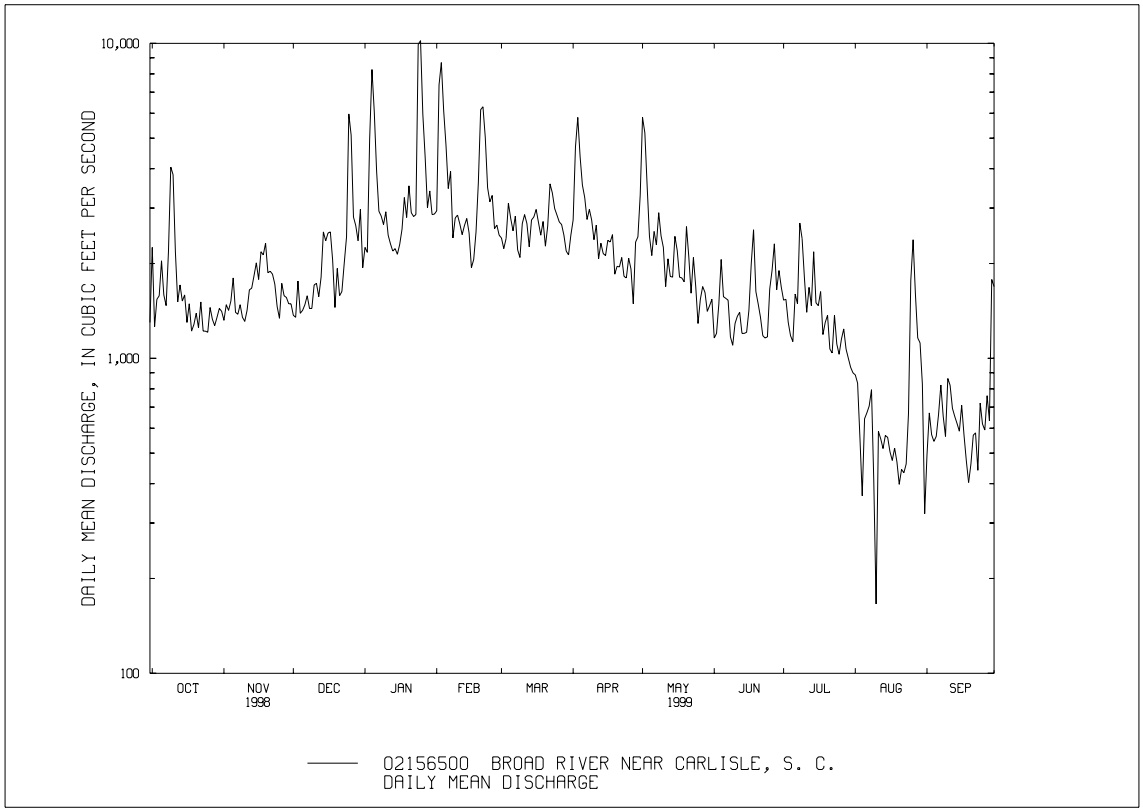
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

MEAN	3160	3097	3813	4984	5819	6276	5196	3894	3225	2786	2974	2473
MAX	14720	8651	7549	10610	13040	14920	11400	8534	6763	8092	9495	9885
(WY)	1965	1958	1946	1978	1960	1952	1958	1975	1973	1941	1949	1945
MIN	562	1087	1271	1220	1887	2399	1922	1509	1014	790	722	628
(WY)	1955	1955	1956	1956	1941	1988	1986	1941	1988	1986	1999	1954

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1939 - 1999	
ANNUAL TOTAL	1553350		750047			
ANNUAL MEAN	4256		2055		3966	
HIGHEST ANNUAL MEAN					5977	1965
LOWEST ANNUAL MEAN					1980	1988
HIGHEST DAILY MEAN	35800	Mar 10	10200	Jan 25	114000	Oct 10 1976
LOWEST DAILY MEAN	1180	Sep 12	166	Aug 10	44	Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	1290	Oct 23	457	Aug 17	457	Aug 17 1999
INSTANTANEOUS PEAK FLOW			12100	** Jan 24	* 123000	Oct 10 1976
INSTANTANEOUS PEAK STAGE			8.56	** Jan 24	31.51	Oct 10 1976
ANNUAL RUNOFF (CFSM)	1.53		.74		1.42	
ANNUAL RUNOFF (INCHES)	20.71		10.00		19.31	
10 PERCENT EXCEEDS	8120		3260		6770	
50 PERCENT EXCEEDS	2580		1780		2900	
90 PERCENT EXCEEDS	1400		650		1400	

* From rating curve extended above 66,000 ft^3/s on basis of computation of peak flow over Neal Shoals Dam.
** Also occurred Jan. 25.



02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 16 microsiemens, Mar. 18, 1990.

pH: Maximum, 9.2 units, Jun. 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992.

WATER TEMPERATURE: Maximum, 35.5°C, Jul. 13, 1992; minimum, less than 0.5°C, Dec. 24-26,1989, Jan. 20, 1994.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980, Jan. 11, 1993; minimum, 3.0 mg/L, Jul. 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Aug. 4; minimum, 64 microsiemens, Jan. 24.

pH: Maximum, 8.3 units, Sep. 2, 3; minimum, 6.0 units, Apr. 14.

WATER TEMPERATURE: Maximum, 32.5°C, Jul. 24, Aug. 1; minimum, 2.0°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 7; minimum, 3.9 mg/L, Aug. 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	149	125	137	155	140	147	126	120	124	82	77	80
2	140	134	137	142	135	139	126	116	122	90	80	84
3	146	134	141	151	138	146	116	105	110	93	67	81
4	134	124	129	151	143	146	115	106	111	73	65	68
5	128	113	121	143	132	138	121	115	118	73	66	68
6	119	113	116	148	132	143	125	121	123	71	65	67
7	133	118	126	147	143	145	131	124	128	74	69	72
8	149	124	133	144	130	136	136	131	134	81	74	79
9	154	107	129	144	134	139	134	124	130	89	81	86
10	107	92	99	153	144	149	131	125	129	94	88	91
11	101	93	96	146	136	140	140	130	135	99	92	94
12	95	86	91	141	135	137	141	132	137	99	92	95
13	95	86	91	152	138	146	132	126	128	94	89	91
14	100	90	96	144	132	139	132	126	129	95	89	92
15	109	97	104	132	126	128	129	116	123	102	92	96
16	130	109	120	132	126	129	117	106	109	109	96	102
17	132	127	129	128	120	122	111	106	109	115	79	107
18	132	128	130	122	111	113	107	104	106	100	79	94
19	136	128	132	122	111	118	106	103	104	90	87	88
20	138	132	136	118	103	111	111	104	108	104	87	96
21	139	135	138	108	101	104	122	111	117	103	91	96
22	143	135	137	114	108	111	123	114	119	95	91	92
23	147	135	139	125	114	121	117	113	115	98	88	95
24	151	144	148	126	121	125	113	108	112	88	64	71
25	145	138	144	123	118	121	108	76	86	70	68	69
26	143	136	139	121	118	120	80	75	78	71	69	70
27	156	143	150	139	121	132	81	79	80	75	70	72
28	157	147	155	139	125	133	79	75	77	81	75	77
29	150	145	148	125	116	119	84	75	78	90	80	86
30	154	144	149	122	118	120	81	74	78	90	87	89
31	163	154	157	---	---	---	85	79	81	93	87	90
MONTH	163	86	129	155	101	131	141	74	111	115	64	85

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	99	75	89	108	93	98	112	101	106	92	83	86
2	80	69	76	97	90	94	105	92	101	95	77	86
3	74	66	70	99	90	93	99	79	85	78	72	75
4	73	68	71	101	92	97	79	71	73	79	72	75
5	76	67	71	94	92	93	76	72	74	81	75	77
6	80	75	76	95	92	93	77	73	75	99	81	90
7	86	80	83	103	93	98	80	76	79	108	98	102
8	88	79	83	106	100	103	88	79	84	117	106	111
9	87	78	81	100	91	96	90	84	87	115	109	112
10	90	80	85	97	90	93	94	88	92	113	104	109
11	94	81	91	107	97	103	102	93	99	107	101	104
12	97	88	90	105	97	101	108	100	103	107	102	104
13	95	88	92	103	97	100	103	100	101	115	103	107
14	100	92	98	103	100	102	100	94	97	120	111	116
15	103	91	97	109	99	104	109	97	103	124	110	115
16	97	91	94	99	92	96	108	100	102	127	116	123
17	104	95	99	95	91	93	112	101	106	122	116	120
18	110	99	104	100	95	97	115	104	110	122	109	115
19	100	90	96	99	95	97	112	105	108	111	101	107
20	100	80	89	105	98	102	109	103	105	120	102	109
21	83	74	79	106	98	103	107	99	103	125	118	121
22	74	69	72	112	100	105	118	102	109	119	109	112
23	73	69	70	100	87	91	120	107	113	125	111	116
24	76	70	74	91	86	88	114	108	111	128	118	124
25	91	74	83	97	90	94	127	114	121	186	120	130
26	97	79	89	97	92	95	130	122	127	122	116	120
27	96	88	92	100	96	99	135	114	128	124	112	117
28	107	94	101	107	98	101	114	105	110	140	124	134
29	---	---	---	107	98	103	116	106	110	138	129	135
30	---	---	---	105	101	103	115	87	94	132	124	128
31	---	---	---	103	100	101	---	---	---	138	127	131
MONTH	110	66	86	112	86	98	135	71	101	186	72	110

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	141	137	139	135	103	116	168	161	164	151	146	148
2	141	136	139	123	103	111	170	161	165	159	138	150
3	136	132	134	124	120	122	232	162	178	165	144	158
4	147	131	139	130	121	126	334	156	225	173	160	165
5	146	131	142	146	130	135	159	151	154	170	160	166
6	131	121	123	140	128	135	175	156	164	166	159	163
7	133	121	127	143	131	137	190	175	183	180	163	172
8	137	129	132	131	111	120	201	172	180	203	177	193
9	141	133	138	115	92	104	300	173	215	213	193	205
10	136	133	134	92	86	88	327	224	299	203	183	189
11	138	132	134	99	89	95	224	183	203	204	190	196
12	144	138	142	107	96	100	208	185	201	194	180	187
13	149	144	147	113	103	108	218	206	213	196	183	191
14	151	146	149	104	101	103	235	215	222	210	193	204
15	157	146	153	110	103	108	215	198	207	208	199	203
16	157	145	151	110	106	107	203	196	199	206	194	200
17	147	140	144	113	107	111	208	194	202	223	206	214
18	148	133	144	117	111	113	286	194	228	275	212	234
19	133	121	125	123	117	120	287	227	253	275	216	248
20	126	121	123	125	122	123	253	231	244	283	202	239
21	126	123	125	124	121	122	240	230	234	275	123	220
22	142	126	133	127	123	124	230	216	222	223	148	191
23	142	127	134	149	124	133	220	214	216	242	219	229
24	136	128	133	155	145	148	219	206	215	234	199	210
25	136	129	132	154	147	152	225	206	214	265	234	257
26	133	128	131	159	152	153	230	181	204	305	238	263
27	142	123	131	172	152	163	183	169	179	249	194	224
28	147	129	141	181	172	177	169	149	160	223	203	213
29	131	126	127	178	167	173	149	126	139	225	208	217
30	135	125	131	167	162	165	179	122	131	254	219	227
31	---	---	---	162	159	161	195	147	166	---	---	---
MONTH	157	121	136	181	86	128	334	122	199	305	123	203
YEAR	334	64	126									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.1	7.9	---	---	6.9	6.5	7.3	6.7	7.1	6.8	---	---
2	7.9	7.5	---	---	6.9	6.6	7.1	6.7	6.9	6.8	---	---
3	7.8	7.4	7.0	6.8	7.0	6.8	7.0	6.7	6.9	6.9	6.8	6.6
4	7.8	7.4	7.0	6.8	7.0	6.7	7.1	6.7	6.9	6.8	6.9	6.6
5	7.7	7.4	7.1	6.8	7.1	6.9	7.2	6.9	7.0	6.9	7.0	6.7
6	7.5	7.4	7.2	7.0	7.2	7.0	7.2	6.9	7.1	7.0	6.9	6.7
7	7.9	7.5	7.3	7.0	7.2	7.1	7.1	6.9	7.1	7.0	6.9	6.7
8	7.8	7.7	7.2	7.0	7.1	7.0	6.9	6.8	7.2	7.0	7.0	6.6
9	7.8	7.7	7.2	6.8	7.3	7.0	6.9	6.7	7.3	7.2	6.8	6.6
10	7.7	7.3	7.2	6.7	7.3	7.1	7.0	6.9	7.3	6.9	7.1	6.7
11	7.7	7.0	7.3	6.8	7.2	7.1	7.3	7.0	7.2	6.9	7.1	6.7
12	---	---	7.4	7.1	7.2	7.1	7.3	7.1	7.4	7.1	7.2	6.7
13	---	---	7.1	7.0	7.1	6.9	7.4	7.3	7.4	7.2	7.0	6.8
14	---	---	7.2	6.9	7.0	6.9	7.3	6.9	7.4	7.3	6.9	6.8
15	---	---	6.9	6.5	7.0	6.9	7.0	6.7	7.5	7.3	7.0	6.8
16	---	---	6.7	6.5	7.0	6.8	6.8	6.7	7.4	7.1	7.1	6.8
17	---	---	6.6	6.5	7.1	6.8	6.8	6.7	7.2	7.0	7.2	6.8
18	---	---	7.0	6.5	7.2	7.0	7.1	6.7	7.1	6.9	7.3	6.7
19	---	---	6.8	6.5	7.2	7.0	7.1	7.0	7.2	6.9	7.1	6.7
20	---	---	6.8	6.5	7.3	7.0	7.2	7.1	7.1	6.6	7.4	6.7
21	---	---	6.9	6.8	7.4	7.1	7.2	7.2	7.0	6.7	7.0	6.6
22	---	---	7.1	6.8	7.2	7.1	7.3	7.2	7.0	6.8	7.0	6.8
23	---	---	7.1	6.9	7.3	7.0	7.2	7.0	7.1	6.7	7.1	6.7
24	---	---	7.0	6.9	7.0	6.9	7.0	6.7	7.2	6.9	7.1	6.8
25	---	---	7.0	6.6	7.1	6.8	7.1	6.9	---	---	7.0	6.8
26	---	---	6.9	6.6	6.9	6.8	7.2	7.1	---	---	7.0	6.9
27	---	---	6.9	6.6	7.0	6.9	7.2	7.1	---	---	7.3	6.9
28	---	---	6.9	6.6	7.0	6.9	7.3	7.1	---	---	7.3	6.9
29	---	---	6.8	6.6	6.9	6.8	7.3	7.2	---	---	7.2	6.9
30	---	---	6.9	6.5	7.1	6.9	7.4	7.1	---	---	7.5	6.9
31	---	---	---	---	7.2	7.0	7.2	7.1	---	---	7.1	6.9
MONTH	8.1	7.0	7.4	6.5	7.4	6.5	7.4	6.7	7.5	6.6	7.5	6.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.0	7.4	6.9	7.5	6.9	7.2	7.0	7.5	6.9	7.5	6.9
2	7.1	6.9	7.5	6.9	7.5	6.8	7.2	6.8	7.7	7.1	8.3	6.9
3	6.9	6.8	8.3	6.8	7.5	7.0	7.4	6.8	7.9	7.0	8.3	7.0
4	6.9	6.8	8.2	6.8	7.2	7.0	7.3	6.8	7.9	7.1	7.8	6.9
5	7.0	6.7	7.7	6.8	7.3	6.9	7.5	7.1	7.5	7.0	7.2	6.8
6	6.8	6.8	7.1	6.9	7.3	6.8	7.6	7.2	7.5	6.9	7.3	6.8
7	7.0	6.8	7.1	6.9	7.0	6.8	7.8	7.2	7.5	6.8	7.3	6.8
8	7.0	6.8	7.3	6.9	7.2	6.9	7.3	7.2	7.4	6.9	7.6	6.9
9	7.0	6.8	7.3	6.9	7.4	7.0	7.2	7.0	7.6	7.0	7.3	7.0
10	7.2	6.7	7.6	6.9	7.3	7.0	7.1	6.9	7.6	7.3	7.2	6.9
11	7.1	6.8	7.2	6.9	7.2	7.0	7.1	7.0	7.5	7.1	7.4	6.8
12	7.2	6.6	7.1	6.9	7.4	7.0	7.2	7.1	7.9	7.2	7.5	6.8
13	7.3	6.1	7.3	6.9	7.5	7.2	7.2	7.2	7.6	7.1	7.5	6.7
14	7.1	6.0	7.4	7.0	7.5	7.1	7.2	7.2	7.8	7.0	7.6	6.8
15	7.0	6.7	7.3	7.2	7.1	6.8	7.4	7.2	7.7	7.1	7.1	6.7
16	7.3	6.8	7.4	7.1	6.9	6.8	7.5	7.2	7.7	7.0	7.3	6.8
17	7.3	6.5	7.4	7.1	7.1	6.9	7.3	7.2	7.9	6.9	7.5	6.9
18	7.4	6.8	7.4	7.1	7.1	7.0	7.5	7.0	7.9	6.8	7.6	6.4
19	7.7	6.6	7.5	7.1	7.2	6.9	7.6	6.9	8.0	7.1	6.5	6.3
20	7.8	6.8	7.6	7.1	7.1	7.0	7.5	7.1	7.6	7.0	6.8	6.3
21	7.8	6.8	7.5	7.1	7.1	7.0	7.8	7.1	7.6	6.9	7.3	6.8
22	8.0	6.8	7.6	7.1	7.2	7.0	7.7	6.9	7.9	6.9	7.4	6.7
23	7.9	6.8	7.5	7.1	7.3	7.0	7.3	7.0	7.6	6.9	7.3	6.7
24	7.6	6.8	7.9	6.9	7.3	7.0	7.5	7.2	7.0	6.9	7.6	7.2
25	7.4	6.8	8.2	6.8	7.3	7.0	7.4	7.1	6.9	6.7	7.9	7.5
26	7.2	6.9	7.0	6.7	7.3	6.8	7.3	7.0	6.8	6.7	8.1	7.1
27	7.4	6.9	7.4	6.8	7.3	7.1	7.3	7.0	6.8	6.7	7.8	7.0
28	7.0	6.9	7.3	6.8	7.2	6.9	7.5	7.1	6.8	6.7	7.9	7.0
29	7.1	6.9	7.3	6.8	7.4	6.8	7.6	7.1	6.7	6.6	7.8	7.0
30	7.1	6.9	7.4	6.7	7.3	7.2	7.6	7.1	7.1	6.6	7.1	6.9
31	---	---	7.2	6.8	---	---	7.5	6.9	7.6	7.0	---	---
MONTH	8.0	6.0	8.3	6.7	7.5	6.8	7.8	6.8	8.0	6.6	8.3	6.3
YEAR	8.3	6.0										

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	23.5	24.5	17.0	15.5	16.5	13.0	11.0	11.5	6.5	5.5	5.5
2	24.5	22.5	23.5	17.5	16.0	17.0	12.0	10.5	11.5	5.5	5.0	5.5
3	24.0	22.5	23.5	17.0	16.5	17.0	13.0	11.0	12.0	5.0	4.5	5.0
4	23.5	22.0	23.0	16.5	15.0	16.0	12.5	11.0	11.5	4.5	3.5	4.0
5	22.5	22.0	22.5	15.5	14.0	15.0	12.5	11.0	12.0	3.5	3.0	3.0
6	22.5	22.0	22.0	14.0	13.0	14.0	14.0	12.0	12.5	3.0	2.0	2.5
7	23.0	22.0	22.5	13.5	12.0	13.0	14.0	12.0	13.0	3.5	2.5	3.0
8	23.0	22.0	22.5	12.5	12.0	12.5	14.5	13.0	14.0	4.5	3.5	4.0
9	22.5	21.5	22.0	12.0	12.0	12.0	15.0	14.0	14.5	6.0	4.5	5.5
10	21.5	20.0	20.5	13.5	12.0	13.0	14.5	13.5	14.0	6.0	5.5	5.5
11	21.0	19.5	20.0	14.5	13.0	14.0	13.5	12.5	13.0	5.5	4.5	5.0
12	21.0	18.5	20.0	14.5	13.0	13.5	12.5	11.5	12.0	6.5	5.0	5.5
13	21.0	19.0	20.0	13.5	13.0	13.5	11.5	11.0	11.5	6.0	5.5	5.5
14	21.0	19.0	20.0	13.0	12.5	12.5	11.0	10.0	10.5	7.0	6.0	6.5
15	20.5	18.5	19.5	13.5	12.5	13.0	10.0	8.5	9.5	8.0	7.0	7.5
16	20.0	18.0	19.0	13.5	13.0	13.0	9.0	8.5	8.5	8.5	7.5	8.0
17	19.5	17.5	18.5	14.5	13.5	14.0	8.5	8.0	8.0	8.0	7.0	7.5
18	19.5	17.0	18.5	14.5	13.5	14.0	8.0	7.0	7.5	8.5	7.5	8.0
19	19.5	17.5	18.5	14.0	13.5	13.5	8.5	7.0	7.5	8.5	7.5	8.0
20	19.5	18.5	19.0	14.5	13.5	14.0	8.5	7.0	8.0	8.5	7.5	8.0
21	18.5	17.5	18.0	14.5	13.0	13.5	10.0	8.5	9.0	8.5	8.0	8.0
22	18.0	16.0	17.0	13.5	12.0	13.0	10.5	9.0	10.0	9.0	8.5	9.0
23	16.5	15.0	16.0	12.5	11.5	12.0	9.5	9.0	9.5	11.0	9.0	10.0
24	16.0	14.0	15.0	13.0	11.5	12.5	9.0	8.0	8.5	12.5	11.0	12.0
25	16.0	14.0	15.0	12.5	12.0	12.0	8.0	7.0	7.0	12.5	11.0	12.0
26	16.0	13.5	15.0	13.5	12.0	12.5	7.0	6.5	6.5	11.0	10.0	10.5
27	15.5	13.5	14.5	13.0	11.5	12.0	6.5	5.5	6.0	10.0	9.0	9.5
28	16.0	14.0	15.0	12.0	10.5	11.0	6.0	5.5	6.0	10.5	9.0	10.0
29	16.5	14.5	15.5	12.0	10.0	11.0	6.5	6.0	6.5	10.5	9.5	10.5
30	17.0	15.0	16.0	12.5	10.0	11.5	6.5	6.0	6.5	11.0	10.5	11.0
31	17.5	15.5	16.5	---	---	---	6.5	5.5	6.0	11.0	9.5	10.5
MONTH	25.0	13.5	19.1	17.5	10.0	13.4	15.0	5.5	9.8	12.5	2.0	7.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.5	8.0	8.5	12.0	9.5	10.5	15.0	13.0	14.0	13.5	13.0	13.5
2	8.5	7.5	8.0	11.5	9.5	10.5	16.0	14.5	15.0	15.0	13.0	14.0
3	8.0	7.5	8.0	11.5	10.0	10.5	16.5	15.0	16.0	16.5	14.5	15.5
4	9.5	8.0	8.5	10.5	9.0	10.0	18.5	16.5	17.5	18.0	16.0	17.0
5	10.0	8.5	9.5	10.0	8.5	9.5	19.5	18.0	18.5	19.0	17.5	18.5
6	10.0	8.5	9.5	10.5	9.0	9.5	19.5	18.5	18.5	19.5	18.5	19.0
7	11.0	9.5	10.0	10.5	9.5	10.0	19.5	17.5	18.5	20.0	19.0	19.5
8	11.5	10.5	11.0	10.5	9.5	9.5	19.5	18.0	19.0	21.5	20.0	20.5
9	11.5	10.5	11.0	9.5	8.0	9.0	20.0	19.0	19.5	22.0	20.0	21.5
10	12.5	11.5	12.0	9.0	8.0	8.5	21.0	19.5	20.5	22.5	21.5	22.0
11	13.0	11.5	12.5	9.0	7.5	8.5	22.0	21.0	21.5	24.0	22.0	23.0
12	13.5	12.5	13.0	9.5	8.0	9.0	22.5	20.0	21.5	23.5	21.5	22.5
13	12.5	11.0	12.0	9.0	8.5	8.5	21.0	19.5	20.5	24.0	21.5	22.5
14	11.0	9.0	10.0	8.5	8.0	8.0	19.5	18.0	19.0	22.5	20.5	21.5
15	9.0	8.0	8.5	8.5	7.5	8.0	18.0	17.5	18.0	21.0	20.0	20.5
16	9.0	7.0	8.0	9.5	7.5	8.5	18.5	17.0	17.5	21.0	20.0	20.5
17	9.0	8.5	9.0	10.5	8.5	10.0	17.0	16.0	16.5	23.0	20.5	21.5
18	10.0	9.0	9.5	12.5	10.0	11.5	17.0	16.0	16.5	23.0	20.5	21.5
19	10.0	9.0	10.0	13.5	12.0	13.0	18.0	16.0	17.0	24.0	21.0	22.5
20	9.5	8.5	9.0	14.0	13.5	13.5	19.5	15.5	17.5	23.5	22.0	22.5
21	9.5	9.0	9.5	14.0	13.5	13.5	20.0	17.0	18.5	23.5	22.5	23.0
22	9.0	8.0	8.5	14.0	12.5	13.5	21.5	18.0	19.5	25.0	22.5	23.5
23	8.0	7.0	7.0	13.5	12.0	13.0	22.0	19.5	20.5	25.0	22.5	23.5
24	7.5	6.0	7.0	14.0	12.0	13.0	23.0	20.0	21.5	26.5	23.5	24.5
25	8.0	7.0	7.5	14.5	13.0	14.0	22.0	20.5	21.5	26.0	22.5	24.5
26	8.5	6.5	7.5	14.0	13.0	13.5	22.0	20.5	21.0	24.5	22.5	23.5
27	9.0	7.0	8.0	14.0	12.0	13.0	23.0	20.5	21.5	24.5	22.0	23.5
28	11.0	9.0	10.0	14.0	12.0	13.0	21.5	19.0	20.5	25.0	22.0	23.5
29	---	---	---	13.5	12.5	13.0	19.0	16.0	17.5	25.5	21.0	23.5
30	---	---	---	15.0	12.5	13.5	16.0	13.5	14.0	25.5	22.5	24.0
31	---	---	---	14.0	13.0	13.5	---	---	---	25.5	22.5	24.0
MONTH	13.5	6.0	9.4	15.0	7.5	11.0	23.0	13.0	18.6	26.5	13.0	21.3

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	23.0	24.5	28.5	26.0	27.5	32.5	29.5	31.0	26.5	23.5	25.0
2	25.5	24.0	24.5	29.0	26.5	27.5	32.0	30.0	31.0	27.0	24.0	25.5
3	27.0	24.5	25.5	30.0	27.0	28.5	31.5	29.5	30.5	27.0	24.0	25.5
4	27.0	25.0	26.0	30.0	27.5	29.0	30.5	27.5	29.0	26.5	24.0	25.5
5	27.5	25.5	26.0	31.0	28.0	29.5	30.5	28.0	29.5	26.0	25.0	25.5
6	27.5	24.5	26.0	31.0	29.0	30.0	31.0	28.5	30.0	27.0	24.5	26.0
7	27.5	25.0	26.5	30.5	28.5	29.5	31.0	29.0	30.0	28.0	25.5	27.0
8	28.5	25.0	27.0	30.0	28.5	29.0	31.5	28.5	30.0	28.5	25.5	27.0
9	29.0	26.0	28.0	29.5	28.0	29.0	31.0	29.0	30.0	28.5	26.5	27.5
10	29.0	27.0	28.0	29.5	27.5	28.5	31.0	28.5	29.5	28.0	26.5	27.5
11	28.0	26.5	27.0	28.0	26.5	27.5	31.5	28.5	30.0	28.5	26.0	27.0
12	27.5	26.0	27.0	26.5	24.5	25.5	31.5	28.5	30.0	27.5	25.0	26.0
13	27.5	25.0	26.5	24.5	23.0	23.5	31.5	29.0	30.5	27.0	24.0	25.5
14	28.0	25.5	27.0	23.0	22.5	23.0	31.5	29.0	30.5	27.0	24.0	25.5
15	27.5	26.5	26.5	24.5	22.5	23.5	30.5	28.5	29.5	26.0	23.5	24.5
16	26.5	25.0	25.5	26.5	23.0	25.0	30.5	28.5	30.0	25.0	23.0	24.0
17	25.5	24.5	25.0	27.0	24.5	25.5	31.5	28.5	30.0	24.5	21.5	23.0
18	25.0	24.0	24.5	28.5	25.5	27.0	32.0	29.0	30.5	24.0	21.5	23.0
19	24.5	23.0	24.0	29.0	26.5	28.0	32.0	29.5	30.5	24.5	21.5	23.0
20	23.5	22.5	23.0	29.5	27.0	28.5	30.0	28.0	29.0	23.5	22.0	23.0
21	22.5	21.5	22.0	30.5	28.0	29.5	29.5	27.0	28.5	23.5	21.0	22.5
22	23.0	22.0	22.5	31.5	28.5	30.0	30.0	27.0	28.5	23.0	21.0	22.0
23	23.5	21.5	22.5	31.5	29.5	30.5	29.0	27.0	28.0	22.5	20.0	21.5
24	24.0	22.5	23.0	32.5	29.5	31.0	28.0	27.0	27.0	22.5	20.0	21.5
25	24.5	23.0	23.5	31.5	29.0	30.5	27.5	26.5	27.0	23.0	20.0	21.5
26	25.0	23.5	24.0	31.5	29.0	30.5	27.0	26.5	26.5	23.0	21.0	22.5
27	25.0	24.0	24.5	31.5	29.5	30.5	28.5	26.5	27.5	23.0	22.0	22.5
28	27.0	25.0	26.0	31.0	29.0	30.0	28.5	27.0	27.5	23.0	22.0	22.5
29	28.0	26.0	27.0	32.0	29.0	30.5	28.0	26.5	27.5	23.5	22.5	23.0
30	28.0	26.0	27.0	31.0	29.0	30.0	28.0	25.5	27.0	23.5	21.5	22.5
31	---	---	---	32.0	29.0	30.5	26.5	24.0	25.0	---	---	---
MONTH	29.0	21.5	25.3	32.5	22.5	28.3	32.5	24.0	29.1	28.5	20.0	24.3
YEAR	32.5	2.0	18.1									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	6.6	6.8	8.9	7.9	8.2	11.3	10.3	10.7	12.4	11.8	12.1
2	7.9	6.6	7.1	9.1	7.6	8.1	11.1	10.2	10.5	12.3	11.7	12.0
3	8.0	6.8	7.3	8.3	7.5	7.8	11.3	10.3	10.7	12.7	12.0	12.2
4	7.5	7.0	7.3	7.8	7.5	7.6	10.9	10.2	10.5	13.3	12.4	12.7
5	7.5	7.0	7.3	8.7	7.6	8.1	10.9	10.1	10.4	13.3	12.9	13.0
6	7.5	7.0	7.2	9.0	8.1	8.5	11.1	10.1	10.4	13.4	12.8	13.1
7	7.8	7.1	7.4	9.8	8.4	9.1	10.5	9.7	10.1	13.5	13.0	13.2
8	7.6	7.2	7.4	9.5	8.9	9.2	9.9	9.4	9.7	13.2	12.8	12.9
9	7.8	7.3	7.5	9.8	9.1	9.4	10.1	9.2	9.6	12.8	11.8	12.2
10	8.1	7.8	8.0	10.7	9.3	9.9	10.2	9.3	9.6	12.0	11.7	11.9
11	8.3	7.9	8.1	10.0	9.2	9.6	9.9	9.2	9.5	12.3	11.7	12.0
12	8.2	8.0	8.1	10.2	8.9	9.5	10.2	9.5	9.9	12.6	11.9	12.3
13	8.7	8.0	8.3	9.7	8.8	9.2	10.2	9.8	10.0	12.4	11.8	12.1
14	9.0	8.1	8.5	9.5	9.0	9.2	10.6	9.9	10.3	12.1	11.7	11.8
15	---	---	---	9.6	9.0	9.2	10.9	10.5	10.7	11.7	11.1	11.5
16	---	---	---	9.3	8.9	9.1	11.4	10.8	11.1	11.6	10.9	11.2
17	---	---	---	9.5	8.9	9.1	11.5	11.1	11.3	11.3	10.9	11.1
18	---	---	---	9.7	8.9	9.2	11.9	11.3	11.6	11.1	10.8	11.0
19	---	---	---	9.5	9.0	9.2	12.1	11.5	11.7	11.1	10.7	10.9
20	8.6	7.6	8.0	9.7	9.1	9.3	12.2	11.6	11.8	11.3	10.8	11.1
21	8.7	7.8	8.1	9.8	9.1	9.4	12.0	11.3	11.7	11.2	10.8	10.9
22	9.1	7.8	8.4	10.0	9.3	9.6	11.5	11.0	11.2	10.9	10.6	10.7
23	9.3	8.0	8.6	10.5	9.5	10.0	11.1	10.7	10.9	10.7	10.1	10.5
24	9.5	8.2	8.7	10.7	9.8	10.2	11.3	10.7	11.0	10.4	9.5	9.9
25	9.9	8.4	9.0	10.6	10.0	10.2	11.8	11.3	11.6	10.2	9.9	10.0
26	10.2	8.7	9.3	10.7	9.9	10.2	12.0	11.5	11.8	10.2	9.9	10.0
27	9.4	8.6	8.9	10.9	9.8	10.3	12.2	11.9	12.0	10.4	10.2	10.3
28	9.9	8.5	9.0	10.6	10.0	10.3	12.5	12.0	12.1	10.5	10.2	10.3
29	9.9	8.4	9.0	11.1	10.3	10.6	12.1	11.8	12.0	10.3	10.1	10.2
30	9.8	8.2	8.8	11.4	10.4	10.8	12.0	11.7	11.9	10.1	9.9	10.0
31	9.6	8.0	8.6	---	---	---	12.0	11.5	11.8	10.1	9.9	10.0
MONTH	10.2	6.6	8.1	11.4	7.5	9.3	12.5	9.2	10.9	13.5	9.5	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.7	10.1	10.4	10.7	9.8	10.3	9.3	8.5	8.9	9.8	8.7	9.4
2	11.2	10.5	10.9	10.2	9.2	9.8	8.8	8.5	8.7	10.0	9.0	9.4
3	11.6	11.0	11.2	9.5	9.0	9.2	8.7	8.3	8.5	9.3	8.7	9.1
4	11.0	10.5	10.8	10.1	9.2	9.5	8.5	8.0	8.2	9.0	8.2	8.7
5	10.6	10.3	10.5	10.4	9.4	9.8	8.5	7.7	8.1	8.6	7.9	8.3
6	10.6	10.3	10.4	10.5	9.7	10.0	7.7	7.6	7.7	8.1	7.7	7.9
7	10.5	10.0	10.3	10.4	9.5	9.9	8.3	7.5	7.8	8.3	7.6	7.9
8	10.1	9.7	9.9	10.5	9.4	9.8	8.2	7.4	7.7	8.2	7.5	7.8
9	10.0	9.6	9.8	9.9	9.4	9.7	7.8	7.2	7.4	8.2	7.3	7.7
10	10.1	9.6	9.8	10.8	9.7	10.1	8.0	6.9	7.4	8.6	7.3	7.8
11	10.0	9.4	9.6	11.0	9.8	10.2	7.7	6.8	7.2	8.8	7.3	8.0
12	9.6	9.2	9.4	11.1	10.0	10.3	7.9	6.7	7.2	8.1	7.2	7.6
13	9.8	9.2	9.5	10.5	9.6	10.0	8.0	6.7	7.2	8.7	7.1	7.7
14	10.3	9.4	9.9	10.1	9.6	9.8	7.8	6.8	7.1	8.6	7.1	7.7
15	11.0	10.0	10.5	10.4	9.6	10.0	7.6	7.0	7.2	8.4	7.6	7.9
16	11.3	10.5	10.8	10.8	9.9	10.3	8.3	7.1	7.6	8.9	7.7	8.2
17	11.1	10.5	10.7	11.0	9.7	10.2	8.3	7.3	7.7	9.2	7.8	8.4
18	10.9	10.1	10.6	10.7	9.0	9.9	8.4	7.5	7.9	8.9	7.6	8.1
19	10.3	9.9	10.0	10.0	8.7	9.4	8.8	7.6	8.1	9.0	7.2	8.1
20	10.2	9.9	10.1	10.3	8.7	9.3	8.6	7.5	8.0	8.5	7.2	7.7
21	10.4	10.2	10.2	9.2	8.6	8.8	8.5	7.1	7.8	8.0	7.0	7.4
22	10.5	10.2	10.3	9.2	8.6	8.9	8.4	7.0	7.5	8.2	6.9	7.5
23	10.9	10.5	10.7	9.6	8.8	9.1	8.3	6.7	7.4	7.8	6.7	7.1
24	11.3	10.8	11.0	9.4	8.8	9.0	8.0	6.5	7.2	8.0	6.5	7.1
25	11.8	10.9	11.4	9.0	8.7	8.8	7.5	6.4	6.8	8.5	6.4	7.2
26	11.8	11.2	11.5	8.8	8.5	8.6	7.4	6.3	6.7	7.7	6.3	6.8
27	11.6	10.8	11.3	9.7	8.7	9.1	7.7	6.2	6.9	8.1	6.3	7.1
28	11.0	10.3	10.7	10.2	8.9	9.4	7.0	6.2	6.6	7.8	6.1	6.9
29	---	---	---	10.0	8.8	9.3	7.8	7.0	7.3	7.8	6.0	6.8
30	---	---	---	10.1	8.7	9.3	8.8	7.8	8.5	7.9	6.1	6.9
31	---	---	---	9.1	8.7	8.9	---	---	---	7.4	6.0	6.6
MONTH	11.8	9.2	10.4	11.1	8.5	9.6	9.3	6.2	7.6	10.0	6.0	7.8

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.0	6.0	6.9	7.1	6.3	6.7	6.3	5.2	5.8	8.8	6.8	7.7
2	7.7	5.9	6.7	7.6	6.4	7.0	7.3	5.2	6.1	10.7	6.6	8.3
3	7.6	5.9	6.6	7.7	6.4	7.0	7.5	4.7	6.0	10.5	6.5	8.3
4	6.8	5.8	6.2	7.9	6.4	7.1	7.5	4.2	5.6	9.3	6.3	7.8
5	6.9	5.8	6.3	8.3	6.3	7.3	7.2	5.0	5.9	7.9	6.0	6.9
6	7.1	6.0	6.5	8.2	6.4	7.1	7.4	5.0	6.0	8.4	6.1	7.0
7	6.4	5.8	6.1	8.2	6.4	7.2	7.2	5.0	5.9	8.2	6.0	6.9
8	6.9	5.8	6.3	7.4	6.2	6.7	7.2	4.9	5.8	8.5	5.8	6.9
9	7.1	5.8	6.4	6.2	5.6	6.0	8.4	4.8	6.4	8.2	5.9	6.9
10	7.1	5.8	6.4	5.9	5.6	5.7	8.4	3.9	5.8	8.5	6.7	7.5
11	6.8	5.8	6.2	6.1	5.8	5.9	7.3	4.8	5.8	9.2	7.3	7.9
12	7.0	6.0	6.5	6.4	5.9	6.2	7.7	4.6	6.1	9.5	7.1	8.1
13	7.3	6.1	6.7	6.8	6.4	6.7	7.9	5.3	6.3	9.8	7.1	8.2
14	7.3	6.2	6.7	7.1	6.8	7.0	8.0	5.2	6.4	9.9	7.3	8.5
15	6.9	6.1	6.4	7.7	7.0	7.3	7.5	5.2	6.1	8.5	7.1	7.7
16	6.4	6.0	6.2	8.0	7.0	7.4	8.1	5.4	6.6	8.8	7.0	7.8
17	7.1	6.3	6.6	7.4	6.8	7.1	8.6	5.5	6.7	10.1	7.4	8.6
18	7.2	6.6	6.9	7.9	6.7	7.3	8.3	5.1	6.5	10.4	7.8	8.9
19	8.1	7.0	7.5	8.2	6.6	7.3	8.3	5.0	6.4	10.5	7.8	8.9
20	7.7	7.1	7.4	7.9	6.5	7.2	7.4	5.1	6.0	10.1	7.7	8.6
21	8.1	7.2	7.7	8.3	6.5	7.3	8.3	5.4	6.4	9.9	7.3	8.4
22	8.2	7.3	7.7	8.6	6.4	7.4	8.6	5.3	6.6	9.8	7.4	8.4
23	8.6	7.3	7.9	7.4	6.4	6.9	8.1	5.2	6.4	10.7	7.9	9.0
24	8.5	7.3	7.9	7.9	6.3	7.0	6.2	5.3	5.7	10.5	8.0	9.0
25	7.8	7.2	7.4	7.5	6.2	6.8	6.5	4.8	5.6	10.9	8.1	9.2
26	7.7	7.1	7.3	7.1	6.1	6.5	5.6	5.1	5.3	10.4	8.0	9.0
27	7.1	6.5	6.9	6.3	5.9	6.1	6.0	5.4	5.7	8.3	7.1	7.5
28	6.8	6.3	6.5	6.7	5.8	6.1	6.2	5.5	5.9	8.3	7.2	7.7
29	7.3	6.4	6.7	6.5	5.6	6.0	6.1	5.5	5.8	7.9	7.0	7.4
30	6.9	6.5	6.7	6.1	5.5	5.7	6.6	5.4	6.0	7.4	6.9	7.2
31	---	---	---	6.1	5.4	5.7	8.4	6.0	7.1	---	---	---
MONTH	8.6	5.8	6.8	8.6	5.4	6.7	8.6	3.9	6.1	10.9	5.8	8.0
YEAR	13.5	3.9	8.6									

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07'', long 81°32'54'', Union County, Hydrologic Unit 03050107, on upstream side of bridge on State Highway 72 and 121, 0.9 mi downstream from Seaboard Coast Line Railroad, 0.8 mi southeast of Delta, and at mile 9.0.

DRAINAGE AREA.--759 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Data collection platform. Elevation of gage is 300 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	615	355	445	745	1200	756	732	2170	324	426	196	152
2	488	357	443	692	3140	742	1280	1600	309	380	191	145
3	400	390	434	1750	3570	750	1420	1030	298	341	192	137
4	492	535	433	3070	2130	828	1160	815	353	315	182	128
5	2560	546	422	2230	1520	840	971	714	435	288	173	122
6	2250	485	421	1420	1260	760	864	699	424	324	170	126
7	1020	445	420	1130	1110	730	790	748	372	615	163	135
8	1340	423	423	1000	1010	699	744	802	333	879	156	142
9	1510	422	421	945	931	707	714	795	309	909	147	137
10	1370	420	541	889	895	805	678	675	287	609	141	146
11	929	427	558	830	928	807	647	595	324	445	143	191
12	732	438	458	776	880	752	612	544	295	506	136	157
13	623	471	463	735	810	704	592	554	274	613	126	138
14	584	478	626	709	774	757	563	560	264	610	121	127
15	532	538	838	735	737	1010	568	695	256	509	115	122
16	502	660	749	746	702	1020	590	562	280	443	114	123
17	472	808	836	735	686	859	604	506	355	395	114	125
18	451	816	719	1120	835	784	565	484	584	362	110	116
19	438	647	621	1100	1220	741	545	464	545	333	107	113
20	425	581	577	944	2130	707	538	442	445	310	165	111
21	429	543	590	830	1780	720	528	443	384	314	167	118
22	421	512	601	780	1300	838	514	434	342	293	207	182
23	395	495	587	856	1080	921	502	415	330	268	184	169
24	382	481	741	2510	957	797	490	403	307	258	150	183
25	379	476	2030	2480	885	745	475	377	350	290	485	149
26	380	474	2050	1640	838	717	469	371	715	246	498	135
27	371	468	1410	1200	798	717	474	358	595	238	311	146
28	376	456	1070	1020	783	690	507	367	598	236	229	161
29	368	453	978	916	---	690	649	353	474	269	202	245
30	363	444	947	856	---	678	1390	342	443	253	186	276
31	358	---	831	846	---	660	---	331	---	215	165	---
TOTAL	21955	15044	22683	36235	34889	23931	21175	19648	11604	12492	5746	4457
MEAN	708	501	732	1169	1246	772	706	634	387	403	185	149
MAX	2560	816	2050	3070	3570	1020	1420	2170	715	909	498	276
MIN	358	355	420	692	686	660	469	331	256	215	107	111
CFSM	.93	.66	.96	1.54	1.64	1.02	.93	.84	.51	.53	.24	.20
IN.	1.08	.74	1.11	1.78	1.71	1.17	1.04	.96	.57	.61	.28	.22

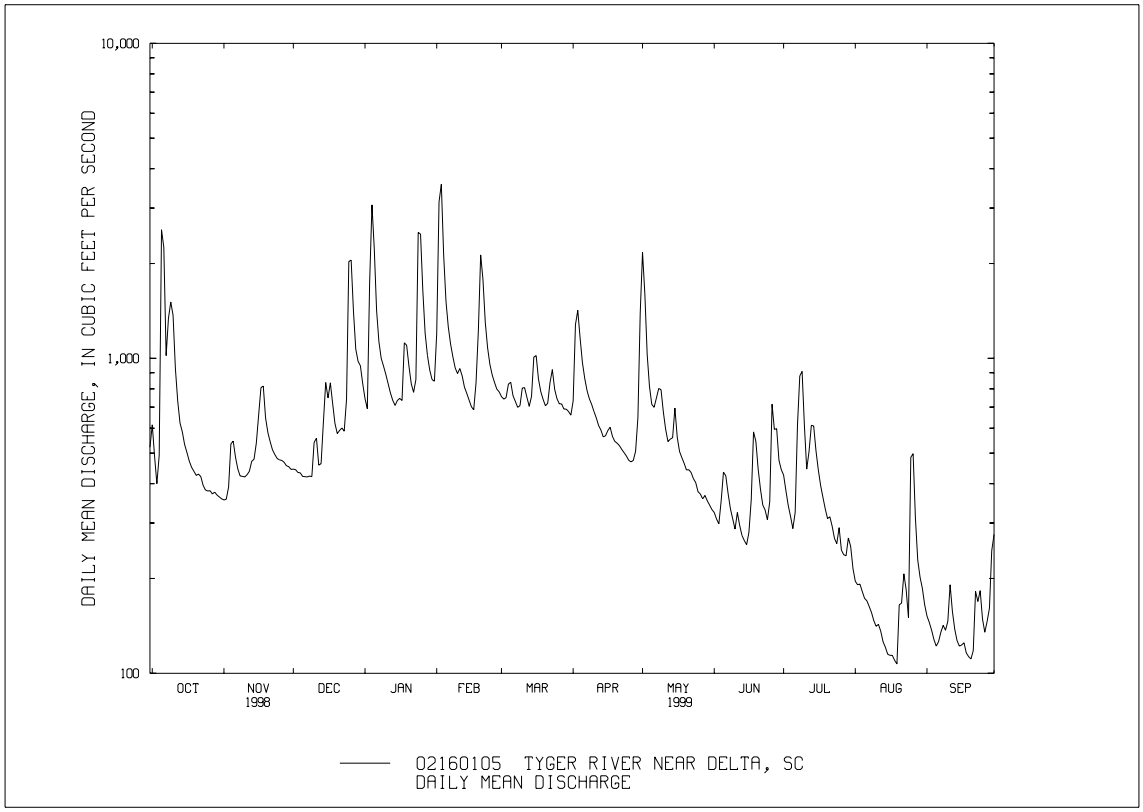
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)

MEAN	832	859	1027	1580	1562	1801	1283	989	727	598	654	496
MAX	3011	2519	2354	3020	2683	3545	2618	2363	1517	1507	2295	1342
(WY)	1991	1986	1984	1978	1979	1993	1998	1984	1975	1984	1995	1975
MIN	233	328	358	539	603	742	515	386	232	186	136	149
(WY)	1994	1982	1989	1989	1986	1985	1986	1988	1988	1986	1988	1999

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1974 - 1999	
ANNUAL TOTAL	466239		229859			
ANNUAL MEAN	1277		630		1032	
HIGHEST ANNUAL MEAN					1449	1993
LOWEST ANNUAL MEAN					538	1988
HIGHEST DAILY MEAN	* 11200	Feb 5	3570	Feb 3	26000	Oct 10 1976
LOWEST DAILY MEAN	284	Sep 20	107	Aug 19	98	Aug 28 1988
ANNUAL SEVEN-DAY MINIMUM	300	Sep 15	115	Aug 13	112	Aug 23 1988
INSTANTANEOUS PEAK FLOW			3870	Feb 3	30300	Oct 11 1976
INSTANTANEOUS PEAK STAGE			11.25	Feb 3	26.31	Oct 11 1976
INSTANTANEOUS LOW FLOW			101	Aug 20	96	Aug 28 1988
ANNUAL RUNOFF (CFSM)	1.68		.83		1.36	
ANNUAL RUNOFF (INCHES)	22.85		11.27		18.48	
10 PERCENT EXCEEDS	2540		1090		1840	
50 PERCENT EXCEEDS	766		512		726	
90 PERCENT EXCEEDS	366		159		305	

* Also occurred Mar. 10.



02160105 TYGER RIVER NEAR DELTA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 291 microsiemens, Aug. 31, 1988; minimum, 13 microsiemens, Oct. 9, 10, 1976.

pH: Maximum, 8.4 units, Mar. 28, 1999; minimum 5.6 units, Jul. 17, 1989.

WATER TEMPERATURE: Maximum, 32.0°C, Jul. 31, Aug. 1, 1999; minimum, less than 0.5°C many days, many years.

DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Dec. 2, 1979, Jan. 2, 1984; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 191 microsiemens, Sep. 21; minimum, 51 microsiemens, Aug. 21.

pH: Maximum 8.4 units, Mar. 28; minimum, 6.0 units, Aug. 20.

WATER TEMPERATURE: Maximum, 32.0°C, Jul. 31, Aug. 1; minimum, 1.0°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Dec. 28, Jan. 1; minimum 5.2 mg/L, Aug. 26, 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	99	94	96	110	105	108	98	94	95	88	83	86
2	100	96	98	111	105	109	96	93	94	88	85	87
3	102	96	99	115	106	111	99	93	96	85	61	75
4	105	84	101	117	107	113	100	95	98	63	60	61
5	84	57	61	112	106	110	102	97	100	69	63	67
6	65	56	59	107	105	106	105	99	102	73	68	71
7	76	65	72	109	105	106	104	101	102	77	73	75
8	83	59	72	109	101	105	107	102	105	80	77	79
9	71	65	69	109	100	105	106	102	104	82	80	81
10	73	70	71	109	104	106	104	98	101	85	81	83
11	75	70	73	109	103	105	98	88	90	88	83	85
12	81	73	78	110	104	107	96	91	94	87	84	86
13	88	81	85	108	99	104	101	96	99	88	85	86
14	91	87	89	108	103	105	103	98	100	88	84	86
15	94	89	91	111	101	105	101	86	92	91	85	88
16	96	91	94	110	98	105	91	85	88	92	88	90
17	99	93	96	104	94	101	94	89	91	91	82	87
18	102	93	99	100	90	95	94	90	91	88	79	83
19	106	92	100	97	91	94	95	90	92	83	80	82
20	103	96	100	98	91	95	96	93	94	84	82	83
21	104	97	102	107	93	99	95	93	94	85	83	84
22	106	97	103	102	91	97	96	93	95	87	85	87
23	104	98	101	94	91	93	96	91	94	90	73	86
24	109	101	104	98	93	95	93	89	91	73	60	66
25	106	101	102	98	95	97	90	68	76	69	62	66
26	107	101	105	98	96	97	71	68	70	73	69	71
27	105	101	103	98	95	96	73	70	72	78	73	75
28	108	101	104	99	95	97	77	72	75	84	77	80
29	108	103	105	98	93	96	80	76	78	86	82	84
30	111	103	106	98	93	95	82	79	80	85	82	83
31	112	104	110	---	---	---	85	81	83	86	83	84
MONTH	112	56	92	117	90	102	107	68	91	92	60	80

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	86	61	77	84	80	82	89	83	86	67	60	65
2	66	56	60	86	82	84	86	73	81	71	63	67
3	63	57	59	84	81	83	73	65	69	77	67	73
4	69	61	65	86	80	83	70	66	68	84	74	80
5	72	67	70	87	80	84	74	69	71	90	82	86
6	76	69	72	84	81	82	75	72	74	94	85	88
7	84	75	79	85	81	84	81	74	78	94	85	91
8	83	77	81	85	78	83	84	78	81	95	86	91
9	86	82	84	82	77	80	86	80	84	94	82	89
10	85	77	83	90	77	82	90	84	87	92	85	89
11	89	77	85	83	79	82	92	86	89	92	86	90
12	86	79	84	84	80	82	92	86	89	93	87	90
13	84	77	80	85	81	83	93	88	91	93	90	92
14	86	77	83	84	80	81	94	89	92	95	85	90
15	89	82	86	84	77	81	99	92	95	95	82	89
16	92	85	89	80	76	79	103	94	99	88	82	86
17	93	86	90	81	77	79	104	92	98	100	86	94
18	89	85	87	84	79	81	103	89	97	103	92	98
19	87	69	80	87	80	83	107	90	96	---	---	---
20	70	59	63	85	82	84	103	91	97	---	---	---
21	65	61	64	86	82	84	103	92	97	---	---	---
22	69	65	67	87	82	84	106	92	100	---	---	---
23	73	69	71	85	78	81	107	93	101	---	---	---
24	77	73	74	81	78	79	100	94	97	---	---	---
25	79	75	77	83	79	81	103	95	99	---	---	---
26	82	77	80	85	80	83	100	94	97	---	---	---
27	83	79	81	87	82	85	102	93	98	---	---	---
28	86	80	82	87	80	85	99	94	97	---	---	---
29	---	---	---	85	80	84	101	87	97	107	101	105
30	---	---	---	88	84	86	87	60	70	107	102	104
31	---	---	---	88	82	85	---	---	---	109	102	105
MONTH	93	56	77	90	76	83	107	60	89	109	60	89

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	108	102	105	100	93	97	137	126	131	147	140	144
2	109	103	107	106	97	102	133	126	129	148	140	144
3	109	102	106	108	100	105	136	125	131	149	142	146
4	111	105	108	111	103	107	140	125	133	153	144	148
5	111	91	99	115	102	108	145	128	137	152	146	149
6	96	91	94	116	97	106	150	133	141	151	148	149
7	98	91	95	107	85	95	151	136	145	152	145	150
8	103	95	99	96	73	86	152	141	146	---	---	---
9	106	99	103	82	75	79	152	139	145	---	---	---
10	111	102	106	84	78	81	160	141	151	163	143	152
11	107	101	104	90	83	87	153	144	149	157	140	149
12	112	101	108	96	85	91	160	146	152	155	142	148
13	116	107	112	86	83	84	---	---	---	150	138	144
14	118	109	114	91	85	89	---	---	---	159	141	150
15	118	112	115	92	88	89	---	---	---	160	145	152
16	115	109	113	97	89	94	162	154	157	169	149	160
17	116	108	111	103	95	100	168	153	161	175	160	167
18	110	93	105	105	98	102	173	162	168	176	158	167
19	93	84	90	107	99	103	171	164	167	178	158	169
20	88	85	87	111	102	106	171	52	146	180	166	174
21	97	86	91	111	103	107	157	51	112	191	150	174
22	102	94	98	114	103	109	170	145	159	163	139	149
23	106	94	103	117	107	112	145	131	136	168	138	155
24	110	101	106	121	107	115	140	131	135	163	146	155
25	107	102	105	117	108	112	136	82	114	158	142	150
26	102	81	88	124	111	118	105	85	96	163	149	155
27	92	87	90	130	118	124	117	91	107	150	132	140
28	93	88	90	128	119	124	132	115	126	152	139	147
29	94	89	92	131	117	124	140	129	134	148	137	141
30	97	93	95	130	116	123	139	130	135	149	124	138
31	---	---	---	134	123	129	144	135	140	---	---	---
MONTH	118	81	101	134	73	103	173	51	139	191	124	152
YEAR	191	51	100									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	7.0	7.3	7.1	7.2	7.1	7.0	6.9	7.0	6.6	7.1	7.0
2	7.2	7.1	7.3	7.1	7.2	7.1	7.0	7.0	6.7	6.6	7.1	7.0
3	7.2	7.1	7.2	7.1	7.2	7.1	7.0	6.6	6.7	6.6	7.1	7.0
4	7.2	7.0	7.2	7.1	7.3	7.1	6.7	6.6	6.8	6.6	7.3	7.0
5	7.0	6.5	7.2	7.1	7.3	7.1	6.7	6.6	6.8	6.8	7.2	7.0
6	6.7	6.5	7.2	7.1	7.3	7.1	6.8	6.7	6.9	6.8	7.2	7.0
7	6.9	6.7	7.2	7.1	7.3	7.1	6.8	6.7	6.9	6.9	7.3	7.0
8	6.9	6.7	7.2	7.1	7.3	7.2	6.9	6.8	7.0	6.9	7.3	7.0
9	6.8	6.7	7.2	7.1	7.3	7.2	6.9	6.9	7.0	7.0	7.0	6.9
10	6.9	6.8	7.2	7.1	7.2	7.1	7.0	6.9	7.0	7.0	7.2	6.9
11	7.0	6.9	7.3	7.1	7.1	7.1	7.0	6.9	7.1	7.0	7.3	7.0
12	7.0	7.0	7.3	7.1	7.2	7.1	7.0	6.9	7.1	7.0	7.4	7.0
13	7.1	7.0	7.2	7.1	7.2	7.1	7.0	6.9	7.1	7.0	7.2	7.0
14	7.2	7.1	7.2	7.1	7.2	7.1	7.0	6.9	7.1	6.9	7.0	7.0
15	7.2	7.1	7.2	7.1	7.1	7.0	7.0	7.0	7.0	6.9	7.4	7.0
16	7.2	7.1	7.1	7.0	7.1	7.0	7.1	7.0	7.0	7.0	7.5	7.0
17	7.1	7.1	7.1	7.0	7.1	7.0	7.0	6.9	7.1	7.0	7.6	7.0
18	7.2	7.1	7.1	7.0	7.1	7.0	6.9	6.9	7.1	7.0	7.8	7.0
19	7.2	7.1	7.1	7.0	7.1	7.0	7.0	6.9	7.0	6.8	7.9	7.1
20	7.2	7.1	7.2	7.0	7.1	7.1	7.0	6.9	6.8	6.8	8.1	7.1
21	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.9	6.9	6.8	7.6	7.1
22	7.2	7.1	7.2	7.1	7.1	7.1	7.1	7.0	6.9	6.8	8.1	7.1
23	7.2	7.1	7.2	7.1	7.1	7.1	7.0	6.8	7.0	6.8	8.2	7.1
24	7.2	7.1	7.2	7.1	7.1	7.0	6.8	6.7	7.0	6.9	8.0	7.1
25	7.2	7.1	7.2	7.1	7.0	6.7	6.8	6.7	7.0	6.9	7.5	7.1
26	7.2	7.1	7.2	7.1	6.8	6.7	6.8	6.8	7.0	6.9	7.4	7.1
27	7.2	7.1	7.2	7.1	6.9	6.8	6.9	6.8	7.0	6.9	7.7	7.1
28	7.2	7.1	7.2	7.1	6.9	6.8	7.0	6.9	7.1	7.0	8.4	7.1
29	7.2	7.1	7.2	7.1	6.9	6.9	7.0	6.9	---	---	8.3	7.1
30	7.2	7.1	7.2	7.1	7.0	6.9	7.0	7.0	---	---	8.3	7.1
31	7.2	7.1	---	---	7.0	6.9	7.0	7.0	---	---	7.2	7.2
MONTH	7.2	6.5	7.3	7.0	7.3	6.7	7.1	6.6	7.1	6.6	8.4	6.9

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.8	7.1	6.8	6.7	7.3	7.1	7.1	6.9	7.7	7.3	7.1	6.9
2	7.3	7.0	7.1	6.7	7.3	7.1	7.2	6.9	7.6	7.2	7.0	6.8
3	7.1	7.0	7.7	6.9	7.4	7.1	7.2	7.0	7.7	7.2	6.8	6.6
4	7.4	7.0	8.0	6.9	7.3	7.1	7.2	7.0	7.8	7.1	6.7	6.6
5	7.5	7.1	7.2	7.0	7.2	7.1	7.2	7.0	7.6	7.1	6.7	6.7
6	7.1	7.0	7.2	7.0	7.2	7.1	7.2	7.0	7.9	7.2	6.8	6.7
7	7.6	7.1	7.5	7.0	7.3	7.1	7.1	6.7	7.9	7.1	6.9	6.7
8	7.3	7.1	7.9	7.1	7.3	7.1	7.0	6.7	8.1	7.2	7.1	6.8
9	7.4	7.1	7.6	7.1	7.3	7.1	6.9	6.8	7.8	7.2	7.3	7.0
10	7.6	7.1	7.5	7.1	7.3	7.1	7.1	6.8	7.5	7.2	7.3	7.0
11	7.5	7.1	7.3	7.1	7.3	7.1	7.2	7.0	7.7	7.1	7.2	7.0
12	7.7	6.9	7.3	7.2	7.3	7.1	7.2	7.2	7.5	7.2	7.3	7.0
13	8.3	6.9	7.3	7.2	7.4	7.1	7.2	7.0	---	---	7.3	7.0
14	7.5	6.9	7.2	7.1	7.3	7.2	7.2	7.0	---	---	7.3	7.0
15	7.1	6.8	7.3	7.1	7.3	7.2	7.3	7.0	---	---	7.2	7.1
16	7.6	6.8	7.3	7.1	7.2	7.1	7.3	7.2	7.4	6.8	7.3	7.1
17	7.5	6.8	7.4	7.1	7.3	7.1	7.3	7.2	7.3	6.7	7.3	7.0
18	7.7	6.8	7.4	7.2	7.2	7.0	7.4	7.2	7.4	6.8	7.3	7.0
19	7.9	6.8	7.4	7.2	7.1	7.0	7.4	7.3	7.2	6.8	7.3	7.0
20	7.4	6.9	7.5	7.2	7.1	7.0	7.5	7.3	7.1	6.0	7.3	7.0
21	7.7	6.8	7.4	7.2	7.2	7.1	7.5	7.3	6.9	6.1	7.3	7.0
22	7.4	6.8	7.4	7.2	7.2	7.1	7.5	7.3	6.9	6.3	7.1	6.9
23	7.4	6.8	7.4	7.1	7.3	7.1	7.5	7.3	6.8	6.5	7.2	6.9
24	7.0	6.8	7.4	7.1	7.2	7.1	7.5	7.3	6.6	6.5	7.2	6.9
25	6.9	6.7	7.2	7.0	7.1	7.0	7.4	7.3	6.8	6.6	7.2	6.9
26	7.0	6.7	7.1	7.0	7.0	6.7	7.5	7.3	6.8	6.6	7.2	7.0
27	7.6	7.0	7.3	6.9	7.0	6.8	7.6	7.3	7.0	6.8	7.1	6.9
28	7.2	7.1	7.3	7.0	7.0	6.9	7.6	7.3	7.2	7.0	7.2	6.9
29	7.2	7.0	7.2	7.0	7.0	6.9	7.5	7.3	7.2	6.9	7.1	6.9
30	7.0	6.7	7.3	7.1	7.1	6.9	7.6	7.3	7.2	6.9	7.2	6.9
31	---	---	7.3	7.1	---	---	7.6	7.3	7.2	6.9	---	---
MONTH	8.3	6.7	8.0	6.7	7.4	6.7	7.6	6.7	8.1	6.0	7.3	6.6
YEAR	8.4	6.0										

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	22.5	23.0	17.0	15.0	16.0	12.5	10.5	11.5	6.0	4.5	5.5
2	23.5	21.0	22.0	16.5	15.0	16.0	12.0	10.0	11.0	5.5	4.5	5.0
3	21.0	19.0	20.0	16.5	16.0	16.5	12.5	10.0	11.5	5.0	4.5	4.5
4	21.5	20.0	20.5	16.0	14.5	15.0	12.5	11.0	11.5	4.5	3.5	4.0
5	21.0	20.5	21.0	14.5	13.5	14.0	13.0	11.0	12.0	3.5	2.0	2.5
6	21.5	21.0	21.5	13.5	12.0	13.0	14.5	12.5	13.5	2.5	1.0	2.0
7	22.0	21.0	21.5	12.0	10.0	11.0	15.0	13.0	14.0	4.5	2.0	3.0
8	22.0	21.5	21.5	11.0	9.5	10.0	15.5	14.5	15.0	6.0	4.5	5.0
9	22.0	20.0	21.0	12.0	11.0	11.5	16.0	14.0	15.5	7.5	6.0	6.5
10	20.0	19.0	19.5	14.5	12.0	13.5	14.0	11.5	12.5	7.0	5.5	6.5
11	19.5	18.0	18.5	16.0	14.5	15.5	11.5	11.0	11.5	5.5	4.0	5.0
12	19.0	17.5	18.5	15.0	13.0	13.5	11.0	10.5	10.5	6.0	4.5	5.5
13	19.0	17.5	18.5	13.0	12.0	12.0	10.5	10.0	10.0	7.0	5.0	6.0
14	19.5	17.5	18.5	13.0	12.0	12.5	11.0	9.5	10.0	9.0	7.0	8.0
15	18.5	16.5	17.5	14.0	12.5	13.0	9.5	8.0	8.5	10.0	9.0	9.5
16	18.0	16.0	17.0	14.5	13.5	13.5	8.5	7.5	8.0	9.0	7.5	8.0
17	18.0	15.5	17.0	15.5	14.0	14.5	8.5	7.5	8.0	7.5	6.5	7.0
18	17.5	15.0	16.5	15.0	13.5	14.0	7.5	6.0	6.5	9.5	7.5	8.5
19	18.5	16.0	17.0	13.5	12.5	13.0	7.5	6.0	7.0	9.0	8.0	8.5
20	19.5	18.0	18.5	15.0	13.5	14.0	9.5	7.5	8.5	9.0	7.5	8.0
21	18.0	16.0	17.0	15.0	12.5	13.5	11.5	9.5	10.5	10.0	8.5	9.0
22	16.0	14.0	15.0	12.5	10.5	11.0	12.5	11.5	12.0	11.0	9.5	10.5
23	14.0	12.0	13.0	11.0	9.0	10.5	12.0	8.5	10.0	13.0	11.0	11.5
24	13.5	11.0	12.5	13.5	11.0	12.0	8.5	7.0	7.5	14.0	13.0	13.5
25	13.5	11.0	12.5	13.0	12.0	12.5	7.0	6.5	6.5	13.0	11.0	11.5
26	14.0	12.0	13.0	13.0	11.5	12.0	6.5	6.0	6.5	11.0	10.0	10.5
27	14.5	12.5	13.5	11.5	10.0	11.0	6.0	5.0	5.5	10.5	9.0	9.5
28	15.0	13.0	14.0	11.0	9.5	10.5	6.5	5.0	5.5	11.5	9.0	10.5
29	16.0	13.5	14.5	11.0	9.0	10.0	7.0	6.5	7.0	12.0	10.5	11.5
30	16.5	14.0	15.5	11.5	9.5	10.5	7.0	6.0	6.5	12.0	12.0	12.0
31	17.5	15.0	16.0	---	---	---	6.5	5.5	6.0	12.0	9.5	10.5
MONTH	24.5	11.0	17.6	17.0	9.0	12.9	16.0	5.0	9.7	14.0	1.0	7.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.5	7.5	8.0	12.5	10.0	11.5	16.5	13.0	14.5	13.0	11.5	12.0
2	8.0	7.5	7.5	11.5	9.5	10.5	17.0	15.0	16.0	15.0	12.5	14.0
3	9.0	8.0	8.5	11.0	9.5	10.5	18.5	16.0	17.5	17.0	13.5	15.5
4	10.5	9.0	10.0	10.0	8.0	9.0	20.5	18.0	19.0	18.5	15.0	17.0
5	10.5	9.0	10.0	9.5	7.5	8.5	21.5	19.0	20.0	18.0	17.0	18.0
6	10.0	8.5	9.5	11.0	7.5	9.5	20.5	18.0	19.0	19.0	17.5	18.0
7	12.5	10.0	11.0	11.5	9.5	10.5	20.0	17.0	18.5	20.0	18.0	19.0
8	13.5	11.5	12.5	10.5	8.5	9.0	20.5	18.0	19.5	21.5	19.0	20.0
9	12.5	11.0	12.0	8.5	6.5	7.5	21.0	19.0	20.0	21.0	18.5	20.0
10	14.0	12.0	12.5	9.0	6.0	7.5	22.0	19.5	21.0	22.0	19.0	20.5
11	14.5	12.5	13.5	10.0	7.0	8.5	23.0	20.5	22.0	22.0	20.0	21.0
12	15.0	13.5	14.0	10.0	7.5	9.0	22.0	20.0	21.0	21.5	20.0	21.0
13	13.5	9.0	11.0	9.5	8.0	8.5	20.0	17.0	18.5	21.5	19.0	20.5
14	9.0	6.5	7.5	8.0	7.5	7.5	18.0	16.0	16.5	20.5	18.5	19.5
15	8.0	5.5	7.0	9.0	7.0	8.0	16.5	15.0	16.0	19.5	17.5	18.5
16	8.5	6.0	7.5	10.5	7.5	9.0	17.5	15.0	16.5	20.5	17.5	19.0
17	10.0	7.5	8.5	12.0	9.0	10.5	16.5	14.5	15.5	21.5	18.0	20.0
18	12.0	10.0	11.0	14.0	10.5	12.5	16.0	13.5	15.0	21.5	19.0	20.5
19	11.5	9.5	10.5	14.5	12.0	13.5	16.5	13.5	15.0	22.5	20.0	21.5
20	9.5	8.5	9.0	15.0	12.5	13.5	18.5	15.0	16.5	22.5	19.5	21.0
21	10.0	9.0	9.5	14.5	13.5	14.0	19.5	16.5	18.0	22.5	19.0	21.0
22	9.0	7.0	8.0	14.0	12.0	13.0	20.5	17.5	19.0	22.5	20.0	21.5
23	7.0	6.0	6.5	14.0	11.5	13.0	21.5	18.5	20.0	24.0	20.5	22.5
24	7.5	5.5	6.5	15.5	12.0	14.0	22.0	20.5	21.5	25.0	22.0	23.5
25	7.5	5.5	6.5	15.5	14.0	15.0	21.0	19.5	20.5	23.5	20.5	22.0
26	8.5	6.0	7.5	14.5	12.0	13.5	20.0	19.0	19.5	22.0	21.0	21.5
27	9.5	7.5	8.5	13.5	11.0	12.0	21.5	19.0	20.0	23.0	19.5	21.5
28	12.5	9.5	11.0	14.0	10.5	12.5	20.5	17.0	19.0	22.5	19.5	21.0
29	---	---	---	14.0	12.0	13.0	17.0	13.5	15.5	23.5	19.5	21.5
30	---	---	---	15.0	12.0	13.5	13.5	11.5	12.0	24.0	20.5	22.0
31	---	---	---	14.5	13.5	13.5	---	---	---	23.5	20.5	22.0
MONTH	15.0	5.5	9.5	15.5	6.0	11.0	23.0	11.5	18.1	25.0	11.5	19.9

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	21.0	22.5	28.0	25.5	26.5	32.0	27.0	29.5	25.0	19.5	22.5
2	24.5	21.5	23.0	28.0	25.5	27.0	31.0	27.0	29.0	25.0	21.0	23.0
3	26.0	22.5	24.5	29.0	25.5	27.5	30.0	26.5	28.0	25.0	23.0	24.0
4	26.0	23.0	24.5	29.5	25.5	27.5	29.5	24.5	27.0	25.5	22.5	24.0
5	25.5	23.0	24.0	29.5	26.5	28.0	29.5	24.5	27.0	25.0	23.5	24.0
6	25.5	22.0	24.0	29.0	25.5	27.0	30.0	25.5	27.5	26.5	23.5	25.0
7	27.0	23.0	25.0	26.5	25.5	26.0	30.0	26.0	28.0	27.0	25.0	26.0
8	27.5	23.5	25.5	26.5	25.5	26.0	31.0	26.5	29.0	29.0	25.0	27.0
9	28.0	24.0	26.0	28.0	25.5	26.5	30.0	26.5	28.5	28.0	24.5	26.0
10	27.5	24.5	26.0	28.0	26.0	27.0	29.5	26.0	27.5	27.0	23.0	25.0
11	25.5	24.0	24.5	27.0	25.0	26.0	31.0	25.5	28.0	25.5	21.5	23.5
12	26.0	23.0	24.5	25.0	21.5	23.0	31.0	26.0	28.5	25.0	20.5	23.0
13	26.5	22.5	24.5	21.5	21.0	21.0	---	---	---	24.5	19.5	22.5
14	27.0	23.0	25.0	22.0	21.0	21.5	---	---	---	25.5	19.5	22.5
15	26.0	24.5	25.0	24.5	21.5	23.0	---	---	---	23.5	21.5	22.5
16	24.5	22.0	23.0	26.5	23.0	24.5	29.5	25.5	27.5	23.5	20.0	22.0
17	24.0	21.5	22.5	26.5	24.5	25.5	30.5	25.5	28.0	22.5	17.5	20.0
18	24.0	22.0	23.0	28.0	24.5	26.5	31.0	26.0	28.5	22.0	16.5	19.5
19	23.5	21.0	22.0	29.0	25.5	27.0	31.0	25.5	28.5	22.5	17.5	20.0
20	22.5	21.0	21.5	29.5	26.0	27.5	28.5	22.0	26.0	22.0	18.5	20.5
21	21.5	20.0	21.0	29.5	26.5	28.0	27.5	21.5	24.5	22.5	19.5	21.0
22	22.5	20.5	21.5	30.5	27.0	28.5	27.0	23.5	25.5	20.5	18.0	19.5
23	23.5	20.5	22.0	31.5	27.5	29.5	27.5	24.0	25.5	19.5	15.0	17.5
24	23.0	21.5	22.5	31.0	27.5	29.0	26.0	24.0	25.0	19.5	15.0	17.5
25	24.0	22.0	23.0	30.5	26.5	28.5	25.5	23.5	24.5	21.5	16.5	19.0
26	24.0	22.5	23.5	31.0	26.5	29.0	26.5	24.0	25.0	21.5	18.0	20.0
27	25.0	23.5	24.0	30.0	26.5	28.0	28.0	24.5	26.5	21.5	20.5	21.0
28	26.5	24.0	25.5	30.0	25.5	28.0	28.5	24.5	26.5	23.0	21.0	22.0
29	27.0	25.5	26.5	30.5	26.5	28.5	27.5	25.0	26.5	23.5	22.0	22.5
30	27.5	25.5	26.5	29.5	26.0	28.0	27.0	24.0	25.5	22.0	19.0	21.0
31	---	---	---	32.0	27.0	29.0	24.5	21.0	23.0	---	---	---
MONTH	28.0	20.0	23.9	32.0	21.0	26.7	32.0	21.0	26.9	29.0	15.0	22.1
YEAR	32.0	1.0	17.1									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	6.8	7.0	9.2	8.7	8.9	10.6	10.2	10.3	12.8	12.2	12.5
2	7.6	6.9	7.3	9.1	8.6	8.9	10.7	10.2	10.4	12.4	12.4	12.4
3	8.2	7.6	7.9	8.6	8.3	8.4	10.9	10.3	10.6	12.4	12.1	12.3
4	7.9	7.4	7.7	8.8	8.3	8.5	10.9	10.5	10.7	12.5	11.9	12.3
5	7.4	6.8	7.0	9.1	8.8	9.0	11.0	10.2	10.6	12.5	12.2	12.4
6	7.2	6.9	7.1	9.7	9.0	9.4	10.4	9.8	10.1	12.4	12.2	12.3
7	7.6	7.2	7.4	10.4	9.7	10.1	10.5	9.7	10.0	12.4	12.0	12.2
8	7.7	7.0	7.4	10.6	10.1	10.4	10.2	9.7	10.0	12.3	11.5	11.9
9	7.7	7.1	7.4	10.2	9.9	10.1	10.1	9.6	9.9	11.5	10.8	11.2
10	8.2	7.7	8.1	9.9	9.2	9.6	10.9	10.1	10.6	11.3	10.8	11.1
11	8.5	8.1	8.4	9.2	8.9	9.0	11.0	10.7	10.9	11.9	11.3	11.6
12	8.6	8.3	8.5	9.9	8.9	9.5	11.3	11.0	11.1	11.6	11.3	11.5
13	8.6	8.3	8.5	10.2	9.7	10.0	11.4	11.1	11.3	11.4	11.0	11.2
14	8.6	8.3	8.4	10.0	9.6	9.9	11.4	11.1	11.2	11.0	10.3	10.8
15	8.7	8.4	8.5	9.6	9.3	9.5	11.8	11.1	11.6	10.3	10.0	10.1
16	8.9	8.5	8.7	9.6	9.2	9.5	12.0	11.6	11.8	10.6	10.1	10.4
17	8.9	8.6	8.7	9.3	9.0	9.2	11.9	11.7	11.8	11.0	10.5	10.8
18	9.0	8.6	8.8	9.6	9.0	9.4	12.4	11.7	12.2	10.6	10.0	10.3
19	9.0	8.5	8.7	10.0	9.5	9.8	12.6	12.0	12.4	10.4	10.0	10.2
20	8.5	8.3	8.5	9.5	9.0	9.3	12.1	11.5	11.9	10.6	10.2	10.3
21	8.9	8.4	8.7	9.7	9.0	9.4	11.5	10.9	11.3	10.2	9.9	10.1
22	9.4	8.9	9.2	10.4	9.7	10.1	10.9	10.6	10.7	9.9	9.6	9.8
23	10.0	9.4	9.8	10.7	10.1	10.4	11.7	10.7	11.2	9.6	8.9	9.4
24	10.3	9.8	10.0	10.1	9.5	9.9	12.2	11.7	12.0	9.1	8.8	8.9
25	10.3	9.8	10.0	9.8	9.5	9.7	12.2	12.0	12.1	9.9	9.1	9.6
26	10.1	9.7	9.9	10.0	9.6	9.8	12.3	12.1	12.2	10.4	9.9	10.2
27	10.0	9.5	9.8	10.5	9.8	10.2	12.7	12.1	12.5	10.8	10.2	10.5
28	9.8	9.3	9.6	10.8	10.2	10.5	12.8	12.4	12.6	10.3	9.8	10.1
29	9.6	9.1	9.3	10.9	10.4	10.6	12.4	12.0	12.2	9.9	9.5	9.7
30	9.4	8.8	9.1	10.8	10.3	10.6	12.4	12.0	12.2	9.7	9.5	9.6
31	9.1	8.7	8.9	---	---	---	12.6	12.2	12.4	10.3	9.6	9.9
MONTH	10.3	6.8	8.5	10.9	8.3	9.7	12.8	9.6	11.3	12.8	8.8	10.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.8	10.3	10.6	9.6	9.2	9.4	9.1	8.4	8.9	9.5	9.2	9.4
2	10.9	10.4	10.7	9.9	9.3	9.6	8.7	8.3	8.5	9.4	8.7	9.1
3	10.4	10.1	10.3	9.6	9.4	9.5	8.4	8.1	8.3	9.2	8.3	8.8
4	10.2	9.9	10.1	10.2	9.6	10.0	8.2	7.8	8.0	8.8	8.0	8.4
5	10.2	9.9	10.1	10.5	10.0	10.3	8.2	7.7	7.9	8.3	7.9	8.1
6	10.3	9.8	10.0	10.3	9.6	10.1	8.4	7.9	8.2	8.4	7.9	8.2
7	10.0	9.6	9.8	9.9	9.6	9.7	8.8	8.1	8.5	8.3	7.8	8.1
8	10.0	9.6	9.8	10.4	9.7	10.1	8.5	7.9	8.2	8.1	7.6	7.9
9	10.5	9.9	10.3	10.4	10.1	10.3	7.9	7.4	7.8	8.2	7.6	7.9
10	10.5	10.3	10.4	10.8	10.2	10.5	7.7	7.2	7.5	8.3	7.7	8.0
11	10.6	10.2	10.4	10.4	9.9	10.2	7.5	6.9	7.2	8.3	7.7	8.0
12	10.2	9.8	10.0	10.4	9.9	10.1	7.6	6.9	7.3	8.3	8.0	8.1
13	10.0	9.6	9.8	10.4	9.9	10.2	8.2	7.4	7.9	8.4	7.9	8.1
14	10.2	9.6	10.0	10.3	10.1	10.2	8.7	7.9	8.4	8.3	7.9	8.2
15	10.8	10.0	10.4	10.3	10.0	10.2	8.7	8.2	8.5	8.6	8.2	8.4
16	11.2	10.4	10.7	10.2	9.6	10.0	8.6	8.2	8.4	8.9	8.1	8.5
17	10.5	9.9	10.3	9.9	9.3	9.7	8.8	8.2	8.5	8.6	7.9	8.3
18	9.9	9.3	9.6	9.5	8.8	9.2	9.1	8.4	8.7	8.4	7.8	8.1
19	9.7	9.3	9.4	9.2	8.8	9.0	9.0	8.3	8.7	8.1	7.5	7.8
20	10.0	9.6	9.8	9.2	8.7	8.9	8.6	7.8	8.3	8.2	7.6	7.9
21	9.8	9.7	9.7	8.9	8.6	8.7	8.2	7.6	7.9	8.2	7.6	7.9
22	10.5	9.8	10.3	9.3	8.6	9.0	7.9	7.4	7.7	8.1	7.5	7.8
23	10.9	10.5	10.8	9.6	8.9	9.2	7.9	7.2	7.6	7.7	7.1	7.5
24	11.1	10.7	10.9	9.4	8.7	9.1	7.4	7.1	7.3	7.4	6.9	7.1
25	11.0	10.5	10.8	9.0	8.6	8.8	7.9	7.3	7.7	7.7	7.0	7.4
26	10.9	10.3	10.6	9.3	8.6	9.0	8.1	7.7	7.9	7.7	7.3	7.5
27	10.5	9.9	10.3	9.9	9.3	9.6	8.1	7.3	7.8	7.8	7.2	7.5
28	9.9	9.2	9.6	9.8	9.1	9.5	8.1	7.3	7.7	7.9	7.0	7.4
29	---	---	---	9.5	9.0	9.2	9.0	8.1	8.6	7.4	6.8	7.1
30	---	---	---	9.6	8.9	9.2	9.5	8.9	9.3	7.3	6.8	7.0
31	---	---	---	9.2	8.8	9.0	---	---	---	7.3	6.8	7.1
MONTH	11.2	9.2	10.2	10.8	8.6	9.6	9.5	6.9	8.1	9.5	6.8	8.0

02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.2	6.8	7.0	6.8	6.5	6.7	6.8	6.0	6.3	7.8	6.9	7.4
2	7.3	6.9	7.1	6.9	6.5	6.7	7.0	6.0	6.4	---	---	---
3	7.2	6.6	6.9	7.0	6.6	6.7	7.0	6.2	6.6	---	---	---
4	7.2	6.6	6.9	7.0	6.5	6.7	7.5	6.4	6.8	9.1	7.9	8.5
5	7.2	6.7	7.0	7.0	6.5	6.7	7.6	6.3	6.9	8.7	8.1	8.4
6	7.5	6.9	7.2	6.7	6.3	6.5	7.4	6.1	6.7	8.6	7.5	8.1
7	7.4	6.9	7.2	6.7	6.1	6.3	7.4	5.9	6.6	8.3	7.2	7.8
8	7.5	6.9	7.2	6.7	6.1	6.3	7.3	5.8	6.4	7.8	7.1	7.6
9	7.4	6.8	7.1	6.6	6.1	6.3	7.4	5.8	6.5	7.5	6.6	7.1
10	7.4	6.8	7.1	6.6	6.2	6.4	7.6	6.0	6.6	7.8	6.8	7.4
11	7.4	7.0	7.2	6.9	6.4	6.7	7.6	5.9	6.6	8.3	7.4	7.9
12	7.6	7.0	7.3	7.5	6.9	7.2	7.7	5.8	6.6	---	---	---
13	7.7	6.9	7.3	7.8	7.4	7.6	---	---	---	---	---	---
14	7.5	6.8	7.2	7.8	7.4	7.6	---	---	---	---	---	---
15	7.2	6.8	7.0	7.5	7.0	7.3	---	---	---	---	---	---
16	7.5	7.0	7.2	7.3	6.8	7.0	8.3	5.8	6.7	---	---	---
17	7.6	7.2	7.4	7.1	6.8	6.9	8.0	5.6	6.5	8.3	7.3	7.7
18	7.5	7.2	7.3	7.1	6.5	6.8	7.6	5.4	6.3	8.4	7.4	7.8
19	7.8	7.2	7.5	6.9	6.4	6.7	7.2	5.5	6.1	8.4	7.3	7.8
20	7.9	7.5	7.7	6.9	6.3	6.6	6.7	5.6	6.1	8.2	7.4	7.7
21	8.0	7.7	7.9	6.8	6.3	6.5	6.3	5.8	6.0	8.0	7.1	7.5
22	8.0	7.5	7.7	6.9	6.1	6.5	6.9	6.0	6.5	7.7	7.2	7.4
23	8.0	7.5	7.7	6.7	6.0	6.3	7.1	6.5	6.8	8.7	7.5	8.2
24	7.8	7.2	7.4	6.6	6.0	6.2	7.4	6.9	7.2	8.8	7.8	8.2
25	7.2	6.9	7.1	6.4	5.9	6.1	7.5	5.3	6.0	8.5	7.5	7.9
26	7.0	6.6	6.8	6.6	5.9	6.3	5.8	5.2	5.4	8.2	7.3	7.7
27	7.1	6.6	6.9	6.7	6.2	6.4	6.0	5.2	5.6	7.7	7.3	7.5
28	7.0	6.5	6.7	7.0	6.1	6.6	6.2	5.6	5.9	7.6	7.1	7.4
29	6.8	6.4	6.6	6.9	5.9	6.3	6.9	6.1	6.6	7.2	6.9	7.1
30	6.8	6.5	6.6	6.9	6.0	6.4	7.1	6.5	6.8	7.5	6.9	7.3
31	---	---	---	6.7	5.9	6.3	7.6	6.7	7.2	---	---	---
MONTH	8.0	6.4	7.2	7.8	5.9	6.6	8.3	5.2	6.5	9.1	6.6	7.7
YEAR	12.8	5.2	8.7									

02160200 ENOREE RIVER AT TAYLORS, SC

LOCATION.--Lat 34°55'25'', long 82°17'40'', Greenville County, Hydrologic Unit 03050108, on downstream side of bridge on county road 38, 0.6 mi downstream from Mountain Creek, at Taylors.

DRAINAGE AREA.--49.7 mi^2.

PERIOD OF RECORD.--March 1998 to current year.

GAGE.--Data collection platform. Elevation of gage is 827 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	27	36	53	196	55	382	82	26	36	e20	15
2	22	29	34	57	252	53	191	60	32	35	e19	14
3	20	60	35	226	136	61	124	52	146	34	e19	13
4	70	40	35	134	107	59	101	49	81	31	e18	12
5	37	34	35	92	91	53	89	51	48	33	e17	13
6	31	33	35	80	82	53	81	70	41	39	e16	18
7	86	32	36	81	77	52	75	98	36	48	e15	17
8	380	32	36	83	69	49	71	79	32	84	e15	13
9	99	33	41	74	61	55	66	59	30	39	e14	12
10	67	36	36	67	77	57	61	51	35	41	e13	12
11	54	58	36	61	68	54	58	47	33	69	e13	11
12	47	42	36	55	64	51	54	46	29	59	e12	10
13	43	40	102	52	62	50	50	45	26	57	11	10
14	39	43	68	51	57	67	50	50	25	44	12	11
15	36	82	51	64	53	67	56	45	26	39	12	9.8
16	34	62	54	56	51	59	54	43	99	35	11	9.2
17	33	67	45	55	52	54	48	40	99	32	11	8.0
18	33	49	42	78	78	52	46	38	50	32	11	7.8
19	32	44	44	65	123	50	46	39	41	32	9.8	8.3
20	31	42	53	57	124	50	45	38	36	30	9.8	8.8
21	29	40	48	54	90	80	43	34	33	29	11	14
22	28	39	46	52	76	76	42	34	35	49	11	18
23	30	e38	48	82	69	62	39	33	31	e30	46	12
24	31	e37	196	134	63	57	38	32	30	e28	73	10
25	29	e37	166	91	61	54	38	29	63	e27	41	9.6
26	29	37	104	76	59	56	38	33	49	e26	30	9.5
27	e28	36	82	68	56	60	48	34	39	e24	24	93
28	e28	36	73	62	60	55	77	30	95	e23	21	75
29	e27	36	72	58	---	52	58	29	51	e23	19	65
30	e28	36	62	60	---	50	124	28	42	e22	18	47
31	e27	---	56	66	---	53	---	27	---	e21	16	---
MEAN	49.5	41.9	59.5	75.6	86.2	56.6	76.4	46.0	48.0	37.1	19.0	19.5
MAX	380	82	196	226	252	80	382	98	146	84	73	93
MIN	20	27	34	51	51	49	38	27	25	21	9.8	7.8

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

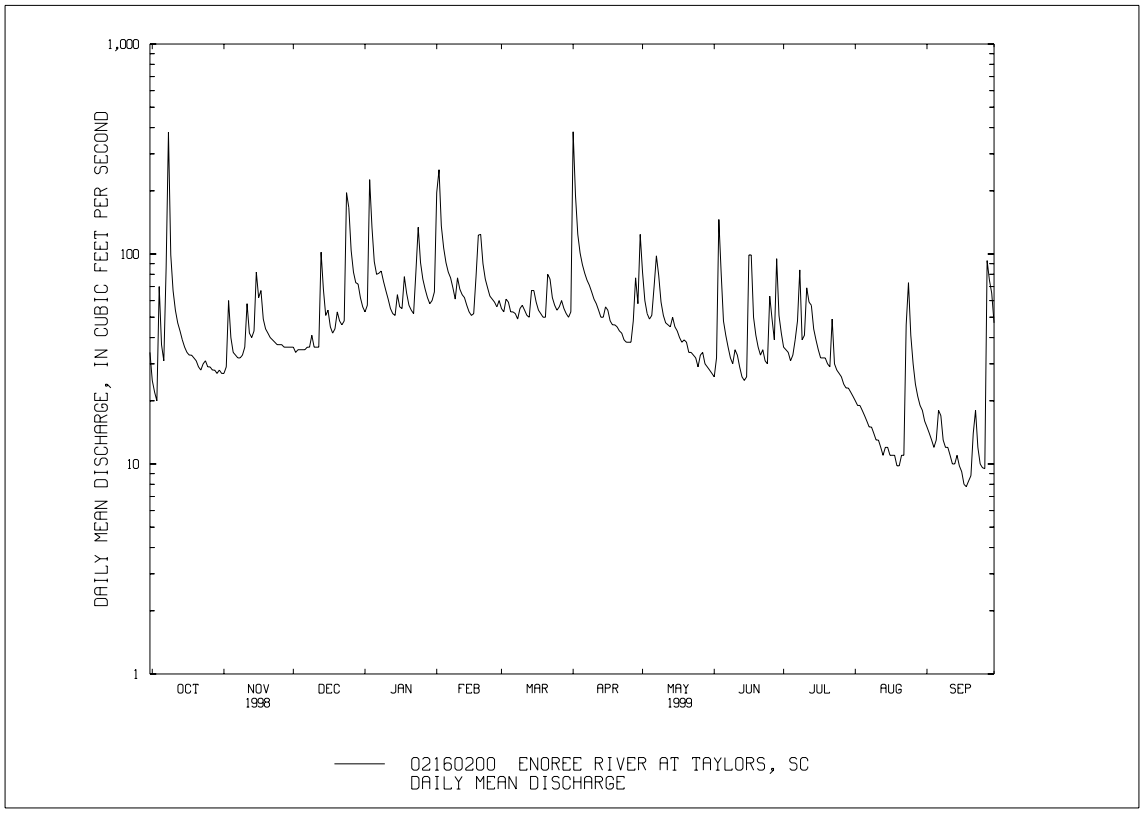
MEAN	49.5	41.9	59.5	75.6	86.2	111	123	85.1	64.7	45.9	34.3	26.1
MAX	49.5	41.9	59.5	75.6	86.2	165	170	124	81.5	54.7	49.7	32.6
(WY)	1999	1999	1999	1999	1999	1998	1998	1998	1998	1998	1998	1998
MIN	49.5	41.9	59.5	75.6	86.2	56.6	76.4	46.0	48.0	37.1	19.0	19.5
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

02160200 ENOREE RIVER AT TAYLORS, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL MEAN	51.0		51.0	
HIGHEST ANNUAL MEAN			51.0	1999
LOWEST ANNUAL MEAN			51.0	1999
HIGHEST DAILY MEAN	382	Apr 1	750	Mar 9 1998
LOWEST DAILY MEAN	7.8	Sep 18	7.8	Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	9.0	Sep 14	9.0	Sep 14 1999
INSTANTANEOUS PEAK FLOW	* 767	Oct 8	* 767	Oct 8 1998
INSTANTANEOUS PEAK STAGE	6.64	Oct 8	6.64	Oct 8 1998
10 PERCENT EXCEEDS	82		122	
50 PERCENT EXCEEDS	44		51	
90 PERCENT EXCEEDS	15		21	

* From rating curve extended above 359 ft^3/s.

e Estimated



02160326 ENOREE RIVER AT PELHAM, SC

LOCATION.--Lat 34°51'23'', long 82°13'35'', Spartanburg County, Hydrologic Unit 03050108, near left bank, on downstream side of bridge on S.C. Highway 14, 0.5 mi downstream from Brushy Creek, at Pelham, and at mile 81.2.

DRAINAGE AREA.--84.2 mi^2.

PERIOD OF RECORD.--March 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 730 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

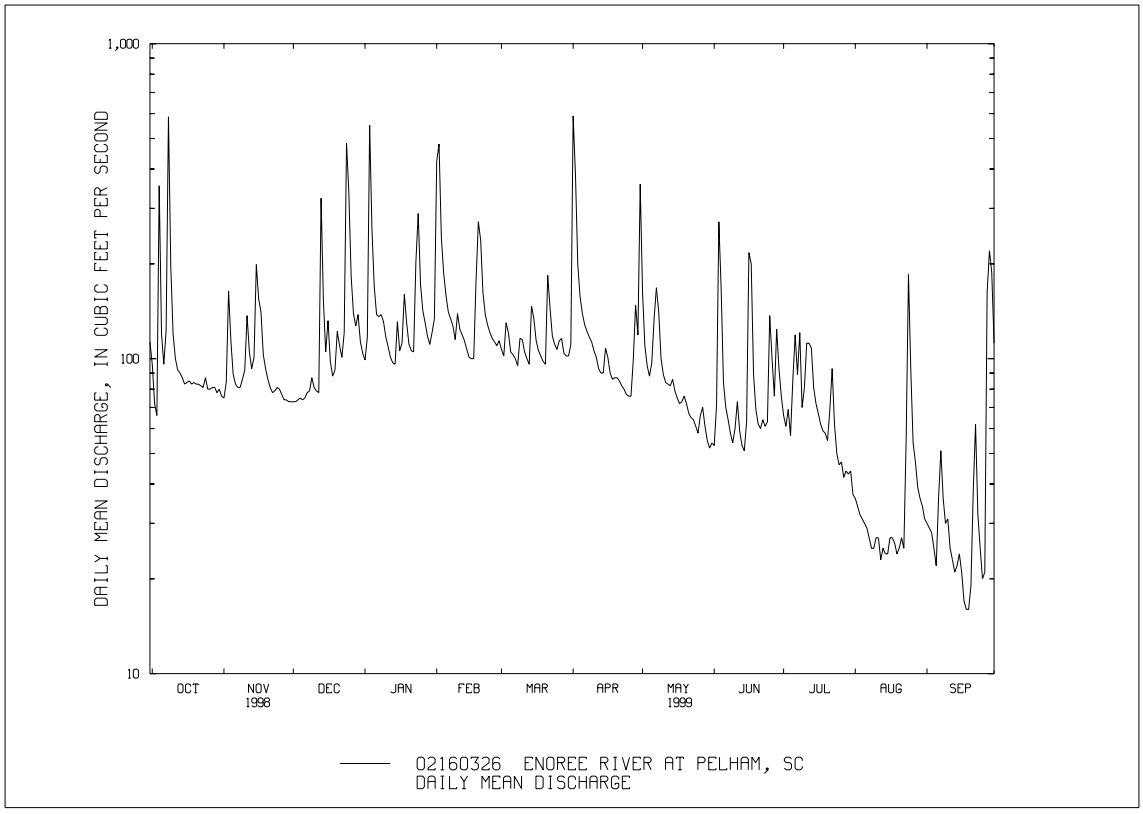
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	96	75	73	99	424	107	590	163	53	66	e36	30
2	72	84	73	117	480	102	384	110	71	61	34	29
3	66	164	74	551	244	130	199	95	272	69	32	28
4	354	114	75	256	187	121	157	88	166	57	31	25
5	120	89	74	169	159	105	139	97	84	86	30	22
6	96	83	75	138	141	103	128	134	70	119	29	36
7	123	81	78	136	134	100	122	168	64	89	27	51
8	586	81	79	138	127	95	117	141	58	121	25	36
9	197	86	87	131	115	116	113	100	54	70	25	30
10	120	92	81	117	139	115	106	89	60	81	27	31
11	100	137	79	109	124	105	101	84	73	112	27	25
12	92	105	78	101	119	100	93	83	59	112	23	23
13	90	93	323	97	114	96	90	82	53	108	25	21
14	87	101	153	96	107	147	90	86	51	81	24	22
15	83	199	105	131	101	134	108	79	63	72	24	24
16	84	155	132	106	100	114	101	75	217	67	27	21
17	85	141	98	112	100	106	90	72	200	62	27	17
18	83	103	88	160	176	102	86	73	89	59	26	16
19	84	93	92	130	272	98	87	76	69	58	24	16
20	83	86	122	111	238	96	87	72	62	55	25	19
21	83	81	110	106	162	184	85	67	60	69	27	38
22	82	78	101	105	138	145	82	65	64	93	25	62
23	81	79	121	203	128	118	80	64	61	62	56	32
24	87	81	484	289	121	111	77	61	63	50	185	25
25	80	80	338	172	116	107	76	58	137	46	92	20
26	80	77	183	142	113	114	76	66	100	47	54	21
27	81	74	139	130	110	116	99	70	76	42	47	162
28	81	74	127	118	114	104	148	61	124	44	39	220
29	78	73	138	111	---	102	119	55	93	43	36	188
30	80	73	113	121	---	102	358	52	76	44	34	112
31	76	---	104	134	---	111	---	54	---	e37	31	---
TOTAL	3590	2932	3997	4636	4603	3506	4188	2640	2742	2182	1174	1402
MEAN	116	97.7	129	150	164	113	140	85.2	91.4	70.4	37.9	46.7
MAX	586	199	484	551	480	184	590	168	272	121	185	220
MIN	66	73	73	96	100	95	76	52	51	37	23	16
CFSM	1.38	1.16	1.53	1.78	1.95	1.34	1.66	1.01	1.09	.84	.45	.56
IN.	1.59	1.30	1.77	2.05	2.03	1.55	1.85	1.17	1.21	.96	.52	.62
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1999, BY WATER YEAR (WY)												
MEAN	128	135	157	247	258	225	204	156	134	109	180	89.1
MAX	226	252	200	367	387	320	323	227	191	207	529	128
(WY)	1996	1996	1995	1998	1998	1996	1998	1993	1994	1994	1995	1996
MIN	57.0	97.7	107	150	164	113	128	85.2	91.4	70.4	37.9	46.7
(WY)	1994	1994	1994	1999	1999	1999	1995	1999	1999	1999	1999	1999

02160326 ENOREE RIVER AT PELHAM, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1993 - 1999	
ANNUAL TOTAL	70048		37592			
ANNUAL MEAN	192		103		169	
HIGHEST ANNUAL MEAN					204	1996
LOWEST ANNUAL MEAN					103	1999
HIGHEST DAILY MEAN	2170	Jan 8	590	Apr 1	8500	Aug 27 1995
LOWEST DAILY MEAN	48 ***	Aug 30	16 ****	Sep 18	16 ****	Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	50	Sep 11	19	Sep 14	19	Sep 14 1999
INSTANTANEOUS PEAK FLOW			885	Apr 1	* 11300	Aug 27 1995
INSTANTANEOUS PEAK STAGE			7.15	Apr 1	** 22.98	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.28		1.22		2.01	
ANNUAL RUNOFF (INCHES)	30.95		16.61		27.28	
10 PERCENT EXCEEDS	341		162		277	
50 PERCENT EXCEEDS	123		89		117	
90 PERCENT EXCEEDS	67		30		61	

* From rating curve extended above 3,000 ft^3/s on basis of contracted-opening and flow-over-road measurement of peak flow.
** From floodmarks.
*** Also occurred Sep. 1, 14, 15.
**** Also occurred Sep. 19, 1999.

e Estimated



02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC

LOCATION.--Lat 34°42'45'', long 82°09'42'', Laurens County, Hydrologic Unit 03050108, at Durbin Creek Treatment Plant, off State Road 418, approximately 2.5 mi northeast of Fountain Inn.

DRAINAGE AREA.--14.0 mi^2.

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Data collection platform. Elevation of gage is 640 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	e9.0	7.5	11	123	13	50	28	6.4	5.5	3.2	2.2
2	8.9	e9.5	7.1	17	56	12	21	17	6.4	4.9	3.1	2.1
3	8.9	e14	7.5	81	28	17	17	15	10	4.8	2.3	2.0
4	93	e10	7.7	26	e24	e15	15	13	8.8	4.4	2.4	1.8
5	e20	e10	7.7	18	e21	e14	14	13	7.5	4.4	2.4	1.9
6	e16	e10	7.7	15	19	13	13	15	7.3	6.0	2.2	2.4
7	19	e10	7.8	14	17	12	13	24	6.3	16	2.2	2.1
8	23	e9.0	8.0	14	15	12	13	14	5.9	12	2.1	1.9
9	14	e9.0	8.6	14	15	17	12	11	5.7	7.3	2.3	14
10	13	e9.5	7.8	12	18	e14	12	11	6.5	12	2.4	5.5
11	12	e12	7.8	12	15	13	11	11	8.2	e9.0	2.1	2.8
12	12	e11	7.7	11	14	12	11	10	6.9	e12	2.3	2.6
13	11	e11	23	11	13	12	10	9.8	6.0	8.2	2.1	2.6
14	11	e14	12	11	13	23	10	10	5.6	7.0	2.0	2.6
15	11	20	9.9	13	13	18	12	9.6	6.3	6.5	2.0	3.1
16	11	29	15	11	13	15	11	9.3	16	6.1	2.3	2.7
17	11	16	11	12	e15	14	10	9.2	12	5.4	2.4	2.3
18	11	10	9.6	14	e34	14	9.8	9.0	7.3	4.6	2.1	e2.1
19	10	9.5	9.5	12	32	13	9.8	9.1	6.1	4.3	1.9	e2.3
20	10	8.9	9.7	12	22	12	10	7.9	6.0	3.8	1.9	e2.3
21	10	8.5	9.6	11	18	17	9.7	7.3	6.0	4.7	2.2	e8.0
22	10	8.2	9.2	11	16	14	9.3	7.3	5.7	4.8	2.3	5.4
23	11	8.2	11	28	15	13	9.1	7.4	5.7	4.6	2.3	2.8
24	11	8.4	60	42	15	13	11	7.9	6.1	4.3	20	2.6
25	11	8.2	34	21	14	13	10	7.7	14	3.5	e5.7	2.7
26	11	8.1	19	17	14	13	10	8.5	9.1	3.6	e3.4	2.5
27	11	8.0	15	15	14	13	11	7.9	7.8	4.1	e3.1	9.5
28	11	7.8	15	14	14	13	11	6.8	7.4	4.0	e2.8	6.5
29	9.9	7.7	16	13	---	13	31	6.8	6.7	3.2	e2.6	4.1
30	e9.2	7.8	13	15	---	13	82	6.7	6.1	3.7	e2.6	3.4
31	e9.0	---	12	14	---	16	---	6.5	---	3.1	e2.3	---
TOTAL	450.9	322.3	406.4	542	640	436	478.7	336.7	225.8	187.8	95.0	108.8
MEAN	14.5	10.7	13.1	17.5	22.9	14.1	16.0	10.9	7.53	6.06	3.06	3.63
MAX	93	29	60	81	123	23	82	28	16	16	20	14
MIN	8.9	7.7	7.1	11	13	12	9.1	6.5	5.6	3.1	1.9	1.8
CFSM	1.04	.77	.94	1.25	1.63	1.00	1.14	.78	.54	.43	.22	.26
IN.	1.20	.86	1.08	1.44	1.70	1.16	1.27	.89	.60	.50	.25	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1999, BY WATER YEAR (WY)

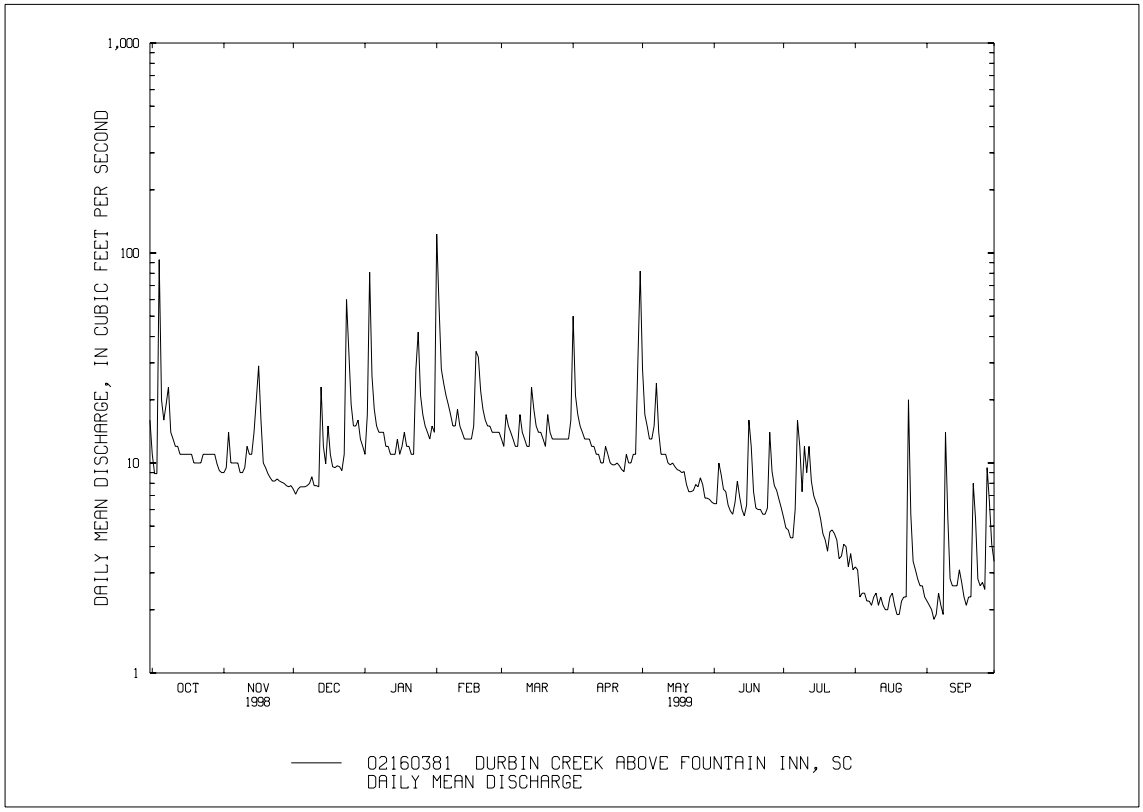
MEAN	12.6	15.1	17.4	30.1	35.8	28.2	24.0	14.6	11.9	8.62	19.6	8.47
MAX	16.1	23.5	24.8	47.3	51.4	39.3	57.2	23.9	16.0	15.7	61.5	10.4
(WY)	1998	1996	1998	1995	1998	1998	1998	1998	1998	1997	1995	1995
MIN	6.05	7.94	12.7	17.5	22.9	14.1	12.5	9.69	7.53	5.26	3.06	3.63
(WY)	1997	1997	1997	1999	1999	1999	1995	1995	1999	1995	1999	1999

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1994 - 1999	
ANNUAL TOTAL	8809.2		4230.4			
ANNUAL MEAN	24.1		11.6		18.7	
HIGHEST ANNUAL MEAN					26.2	1998
LOWEST ANNUAL MEAN					11.6	1999
HIGHEST DAILY MEAN	315	Feb 3	123	Feb 1	800	Aug 27 1995
LOWEST DAILY MEAN	4.9	Aug 6	1.8	Sep 4	1.8	Sep 4 1999
ANNUAL SEVEN-DAY MINIMUM	5.4	Aug 1	2.0	Sep 2	2.0	Sep 2 1999
INSTANTANEOUS PEAK FLOW			447	Oct 4	Unknown	Aug 27 1995
INSTANTANEOUS PEAK STAGE			6.32	Oct 4	* 14.58	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.72		.83		1.33	
ANNUAL RUNOFF (INCHES)	23.41		11.24		18.13	
10 PERCENT EXCEEDS	41		17		28	
50 PERCENT EXCEEDS	15		10		12	
90 PERCENT EXCEEDS	6.9		2.6		5.5	

* From floodmarks.

e Estimated



02160390 ENOREE RIVER NEAR WOODRUFF, SC

LOCATION.--Lat 34°41'00'', long 82°02'24'', Spartanburg County-Laurens County Line, Hydrologic Unit 03050108, on downstream side of bridge on S.C. Highway 202, 0.7 mi downstream from Durbin Creek, and 4.0 mi south of Woodruff, and at mi 58.7.

DRAINAGE AREA.--249 mi^2.

PERIOD OF RECORD.--March 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 542 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	191	148	160	240	1070	281	971	781	e135	144	e85	73
2	142	148	158	237	1870	266	932	382	e135	129	e80	72
3	126	221	158	1370	780	283	514	304	e230	127	77	67
4	880	238	157	844	547	343	407	271	424	126	72	61
5	471	172	157	484	451	280	353	253	221	114	72	58
6	253	155	156	374	399	268	322	296	168	160	71	61
7	239	152	156	333	370	267	306	365	152	229	67	87
8	472	151	157	320	347	252	292	420	e140	396	65	91
9	516	151	165	315	324	267	284	289	e135	214	65	82
10	259	159	163	295	333	321	270	247	e130	148	65	120
11	209	181	157	269	329	283	255	231	e160	198	64	82
12	189	210	155	257	307	264	242	224	e145	203	62	72
13	180	171	299	246	292	252	228	217	e130	227	60	63
14	176	167	526	242	278	301	225	211	e120	186	59	60
15	172	287	253	268	268	412	233	211	123	159	56	59
16	168	299	277	273	263	313	261	198	181	146	54	58
17	166	375	257	245	263	289	229	191	516	134	54	57
18	165	245	206	327	457	274	217	187	251	126	54	55
19	163	205	192	334	462	262	214	187	170	119	54	54
20	161	193	218	277	752	254	213	181	145	117	60	54
21	157	181	217	258	449	291	210	172	137	119	70	62
22	156	173	214	249	370	413	204	167	131	178	66	156
23	155	169	205	311	334	302	196	163	132	151	63	113
24	154	171	791	951	317	277	193	158	128	e117	172	81
25	154	171	1010	537	304	269	204	151	216	e109	279	71
26	153	168	506	393	295	267	189	149	321	e105	140	65
27	152	165	360	343	290	279	195	160	192	e100	107	75
28	151	162	306	317	286	265	303	e150	172	e96	97	342
29	150	161	337	296	---	253	292	e146	207	e93	87	238
30	149	160	293	289	---	250	1040	e142	167	e91	82	358
31	149	---	257	327	---	251	---	e138	---	94	77	---
TOTAL	6978	5709	8623	11821	12807	8849	9994	7342	5614	4655	2536	2947
MEAN	225	190	278	381	457	285	333	237	187	150	81.8	98.2
MAX	880	375	1010	1370	1870	413	1040	781	516	396	279	358
MIN	126	148	155	237	263	250	189	138	120	91	54	54
CFSM	.90	.76	1.12	1.53	1.84	1.15	1.34	.95	.75	.60	.33	.39
IN.	1.04	.85	1.29	1.77	1.91	1.32	1.49	1.10	.84	.70	.38	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1999, BY WATER YEAR (WY)

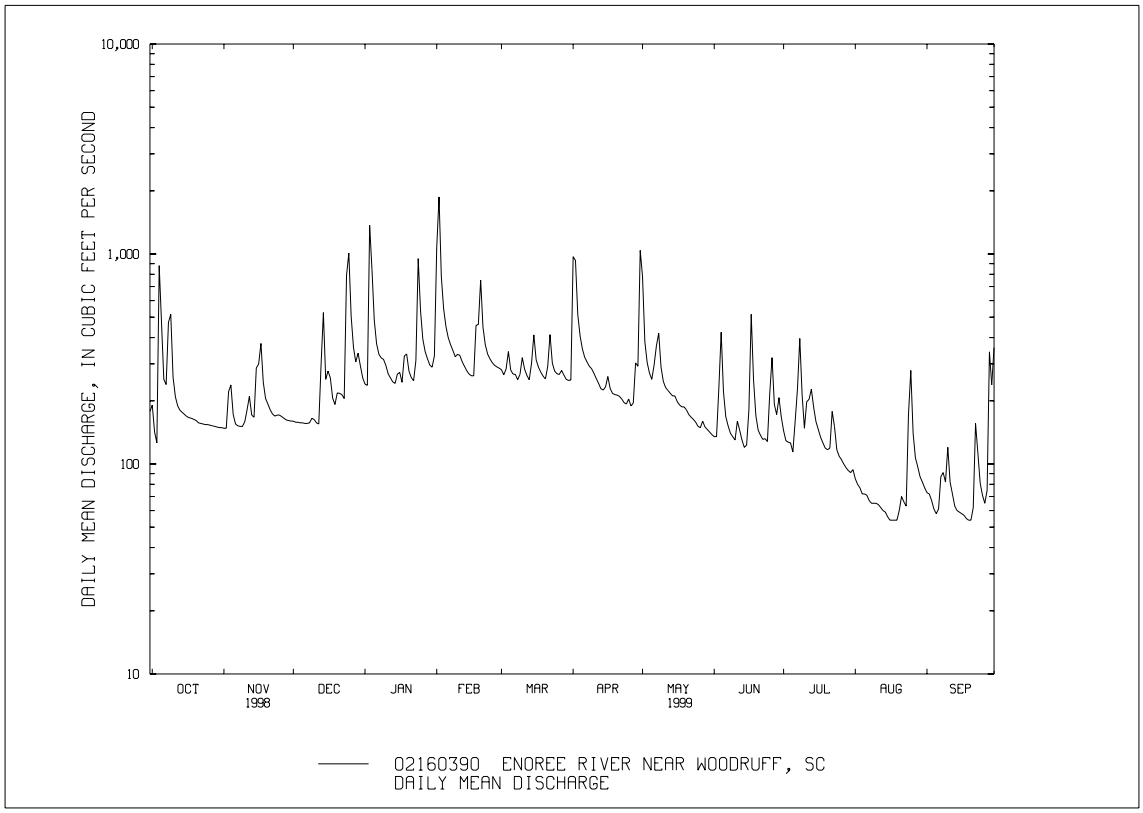
MEAN	281	335	408	585	662	689	519	363	294	237	379	219
MAX	494	728	592	862	1041	1228	1040	560	350	441	1161	369
(WY)	1996	1996	1995	1998	1998	1993	1998	1998	1997	1997	1995	1995
MIN	113	190	233	332	411	285	319	201	187	150	81.8	98.2
(WY)	1994	1999	1994	1994	1994	1999	1995	1994	1999	1999	1999	1999

02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1993 - 1999	
ANNUAL TOTAL	178168		87875			
ANNUAL MEAN	488		241		408	
HIGHEST ANNUAL MEAN					528	1998
LOWEST ANNUAL MEAN					241	1999
HIGHEST DAILY MEAN	5370	Mar 9	1870	Feb 2	20000	Aug 27 1995
LOWEST DAILY MEAN	120	Sep 20	54	*** Aug 16	54	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	123	Sep 14	56	Aug 13	56	Aug 13 1999
INSTANTANEOUS PEAK FLOW			2750	**** Feb 1	* 52200	Aug 27 1995
INSTANTANEOUS PEAK STAGE			10.60	**** Feb 1	** 29.90	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.96		.97		1.64	
ANNUAL RUNOFF (INCHES)	26.62		13.13		22.28	
10 PERCENT EXCEEDS	884		386		681	
50 PERCENT EXCEEDS	309		198		293	
90 PERCENT EXCEEDS	147		72		143	

* From rating curve extended above 5,690 ft^3/s, and on basis of cantracted-opening measurement of peak flow.
** From floodmarks.
*** Also occurred Aug. 17-19, Sep. 19, 20.
**** Also occurred Feb 2.

e Estimated



02160700 ENOREE RIVER AT WHITMIRE, SC

LOCATION.--Lat 34°30'33'', long 81°35'54'', Union County-Newberry County Line, Hydrologic Unit 03050108, on left bank, at upstream side of bridge on U.S. Highway 176, 0.4 mi downstream from Seaboard Coast Line Railroad, 0.5 mi northeast of Whitmire, and at mile 19.2.

DRAINAGE AREA.--444 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Data collection platform. Datum of gage is 300.00 ft above sea level.

REMARKS.--No estimated daily discharges. Records good.

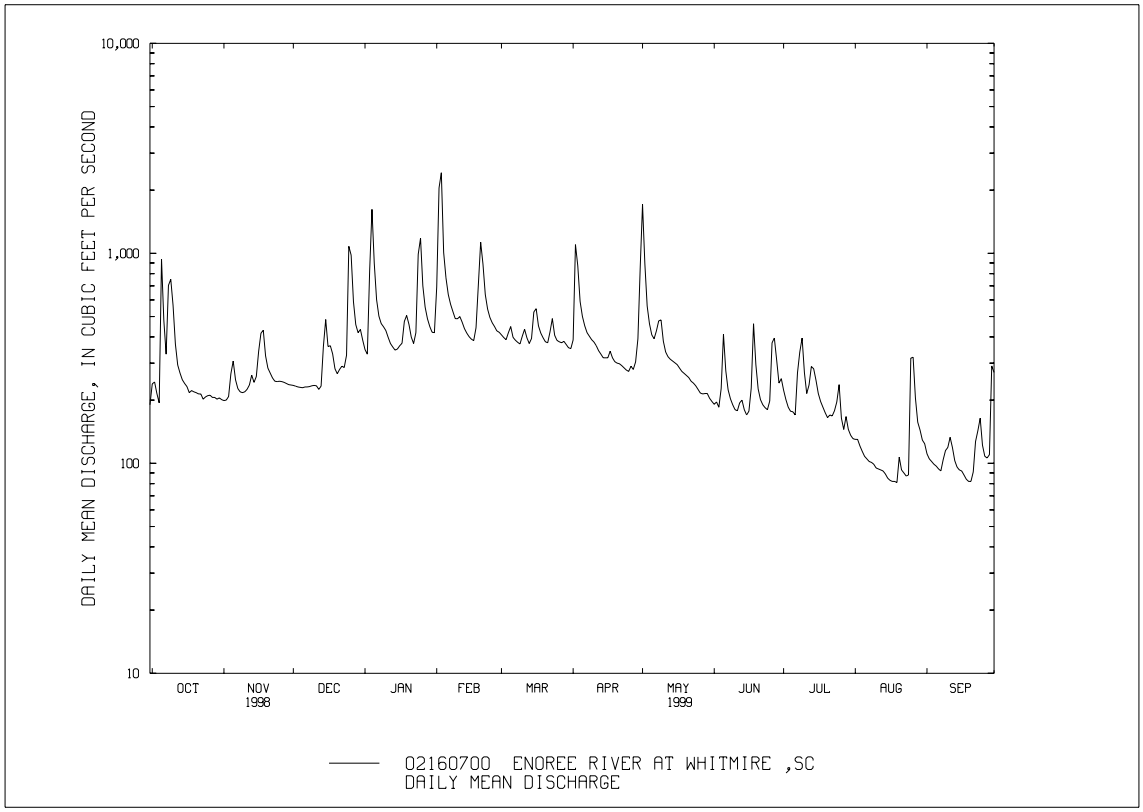
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	239	199	235	348	692	409	387	1710	191	223	130	111
2	244	200	233	331	2050	397	1100	893	196	201	130	105
3	215	208	231	826	2420	388	872	561	185	185	121	102
4	194	267	230	1620	1010	419	590	462	227	177	114	99
5	937	307	229	896	764	448	501	409	411	176	108	97
6	481	250	231	602	637	398	452	392	276	170	105	94
7	331	227	231	502	572	386	419	427	224	270	102	92
8	704	219	232	463	528	377	403	477	203	339	101	104
9	752	217	234	447	489	370	388	482	190	395	99	115
10	565	219	235	429	488	403	378	381	180	270	95	119
11	370	225	234	398	500	435	363	339	178	215	94	133
12	294	236	225	372	470	396	344	322	194	236	93	119
13	269	263	233	358	438	372	331	313	200	289	92	103
14	250	243	360	346	417	393	318	307	180	282	89	96
15	240	259	484	350	401	526	318	301	170	249	85	93
16	232	341	360	363	390	545	318	295	177	215	83	92
17	217	417	363	373	384	451	342	284	228	197	82	88
18	222	430	332	474	442	417	318	274	462	185	82	84
19	219	325	282	506	706	396	305	268	295	174	81	82
20	217	284	267	459	1130	379	300	262	226	165	107	82
21	214	269	280	399	890	375	298	256	201	170	93	91
22	214	255	290	372	637	423	292	246	190	168	90	127
23	202	246	286	419	543	489	285	241	184	178	87	143
24	207	245	327	989	495	407	278	234	180	196	88	164
25	210	246	1080	1180	467	385	274	225	198	237	317	122
26	211	245	980	701	448	379	290	216	375	164	320	108
27	206	243	588	554	427	375	280	214	395	145	205	106
28	206	240	458	488	421	381	304	215	310	167	157	110
29	202	237	419	448	---	368	392	215	241	145	144	291
30	205	236	434	421	---	355	856	204	253	136	129	271
31	201	---	386	419	---	352	---	197	---	131	124	---
TOTAL	9470	7798	10989	16853	19256	12594	12296	11622	7120	6450	3747	3543
MEAN	305	260	354	544	688	406	410	375	237	208	121	118
MAX	937	430	1080	1620	2420	545	1100	1710	462	395	320	291
MIN	194	199	225	331	384	352	274	197	170	131	81	82
CFSM	.69	.59	.80	1.22	1.55	.91	.92	.84	.53	.47	.27	.27
IN.	.79	.65	.92	1.41	1.61	1.06	1.03	.97	.60	.54	.31	.30
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)												
MEAN	450	465	580	862	892	1023	744	553	391	333	372	272
MAX	1654	1236	1537	1680	1554	2076	1705	1407	599	858	1660	714
(WY)	1977	1993	1984	1993	1990	1993	1998	1984	1975	1997	1995	1975
MIN	130	152	212	285	339	359	289	214	135	104	76.1	118
(WY)	1982	1982	1989	1989	1986	1988	1986	1988	1988	1986	1988	1999

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1974 - 1999	
ANNUAL TOTAL	261137		121738			
ANNUAL MEAN	715		334		577	
HIGHEST ANNUAL MEAN					859	1984
LOWEST ANNUAL MEAN					267	1988
HIGHEST DAILY MEAN	6530	Mar 10	2420	Feb 3	22700	Aug 29 1995
LOWEST DAILY MEAN	153	Sep 2	81	Aug 19	51	Oct 9 1981
ANNUAL SEVEN-DAY MINIMUM	164	Aug 27	85	Aug 13	57	Oct 5 1981
INSTANTANEOUS PEAK FLOW			2970	Feb 3	31200	Aug 28 1995
INSTANTANEOUS PEAK STAGE			22.62	Feb 3	37.32	Aug 28 1995
INSTANTANEOUS LOW FLOW			78	* Aug 15	50	Oct 9 1981
ANNUAL RUNOFF (CFSM)	1.61		.75		1.30	
ANNUAL RUNOFF (INCHES)	21.88		10.20		17.65	
10 PERCENT EXCEEDS	1480		527		1020	
50 PERCENT EXCEEDS	406		274		398	
90 PERCENT EXCEEDS	202		108		175	

* Also occurred Aug. 16.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens Sep. 22, 1999; minimum, 21 microsiemens, Feb. 28, 1984.

pH: Maximum, 8.2 units Apr. 11, 1988; minimum, 5.0 units Jul. 4, 1987.

WATER TEMPERATURE: Maximum, 32.5°C Jul. 19-21, 1986; minimum, 0.5°C many days, many years.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sep. 6, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens, Sep. 22; minimum, 48 microsiemens, Feb. 3.

pH: Maximum, 8.0 units, Aug. 9, 12; minimum, 6.0 units, Aug. 20.

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 1; minimum, 1.5°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 6; minimum, 5.0 mg/L, Aug. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	110	103	107	106	100	104	97	92	95	84	77	80
2	103	97	100	110	104	107	98	92	94	86	82	83
3	108	97	104	106	104	105	94	90	92	85	63	75
4	103	99	101	105	99	103	96	90	92	63	57	59
5	100	62	75	102	97	100	95	91	92	65	58	61
6	67	61	63	97	90	92	103	93	97	68	65	66
7	74	67	70	96	91	94	106	97	99	73	68	70
8	76	54	69	99	95	97	111	99	106	76	73	74
9	80	54	66	102	97	100	103	97	100	77	74	75
10	80	65	70	100	98	99	98	96	97	83	77	80
11	72	66	69	104	99	102	99	95	97	84	79	82
12	79	72	77	105	99	101	101	97	99	86	80	83
13	86	79	84	102	99	100	101	97	99	86	81	83
14	87	85	86	103	94	99	104	97	99	84	81	82
15	88	86	87	96	93	94	98	70	82	88	82	84
16	91	87	89	97	88	94	74	69	71	90	84	86
17	96	90	93	96	84	91	81	74	77	91	85	88
18	97	95	96	85	79	82	84	80	82	85	80	82
19	99	97	98	81	76	79	85	82	83	86	80	83
20	101	98	100	84	77	82	89	83	86	83	77	81
21	103	99	101	88	83	86	93	89	91	81	78	80
22	100	97	98	94	88	91	100	90	94	84	79	82
23	99	96	98	97	94	96	97	87	90	89	73	82
24	101	97	99	99	95	96	88	83	86	75	69	72
25	102	99	101	98	94	97	84	61	75	76	64	69
26	105	101	103	97	92	94	65	60	62	70	64	67
27	107	103	104	99	93	96	69	63	65	73	67	70
28	108	102	105	100	96	97	71	67	69	77	70	73
29	102	99	101	102	98	100	74	71	72	79	75	76
30	101	97	99	100	96	98	79	73	76	82	78	80
31	101	98	100	---	---	---	81	77	78	84	81	82
MONTH	110	54	91	110	76	96	111	60	87	91	57	77

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	83	64	75	87	83	84	88	82	85	70	59	64
2	65	51	57	87	83	84	---	---	---	65	59	62
3	56	48	52	85	81	83	---	---	---	77	64	70
4	63	56	59	88	81	84	---	---	---	77	70	74
5	68	63	65	85	80	82	---	---	---	80	73	76
6	71	68	70	82	78	80	70	67	69	83	75	78
7	74	70	72	84	78	81	71	69	70	85	78	81
8	75	72	74	88	80	84	73	70	72	90	81	84
9	79	73	76	86	82	84	77	73	75	90	78	83
10	82	75	79	88	82	84	80	75	79	87	78	82
11	80	75	76	84	81	82	84	79	82	86	79	82
12	80	76	78	84	80	82	88	82	86	85	80	82
13	81	78	80	85	82	84	89	83	86	86	81	83
14	82	79	81	89	82	85	87	83	85	85	82	84
15	86	81	83	83	79	81	87	82	84	87	82	85
16	88	81	86	81	76	79	89	82	85	89	85	87
17	85	81	83	78	74	76	88	84	86	94	87	91
18	84	77	80	80	75	77	94	85	89	100	90	93
19	80	71	77	84	77	79	93	86	90	94	90	92
20	74	61	64	85	82	83	93	86	89	95	89	92
21	70	63	66	86	83	85	94	88	90	97	89	93
22	71	66	68	88	84	86	93	86	90	99	94	96
23	75	71	72	88	81	85	95	87	90	99	95	97
24	75	72	73	81	76	78	96	88	92	103	96	99
25	78	74	75	82	78	80	100	88	95	104	97	101
26	78	77	78	86	80	83	102	92	97	103	97	101
27	85	78	80	88	84	86	103	91	98	99	94	97
28	85	81	82	92	85	88	100	91	95	96	93	95
29	---	---	---	89	85	87	97	88	93	101	93	97
30	---	---	---	90	83	86	89	66	78	105	97	100
31	---	---	---	87	83	85	---	---	---	106	98	102
MONTH	88	48	74	92	74	83	103	66	86	106	59	87

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	111	99	107	93	89	91	122	116	118	132	124	129
2	115	99	105	89	86	88	125	117	121	141	131	136
3	---	---	---	93	88	91	124	119	122	140	137	139
4	---	---	---	106	93	100	130	123	126	149	140	145
5	98	81	90	109	102	106	138	128	132	146	143	144
6	81	70	74	112	104	108	138	137	138	149	142	147
7	84	71	77	105	81	93	139	131	135	146	141	144
8	94	78	86	100	75	92	136	131	133	148	146	147
9	95	88	91	87	74	82	137	135	136	153	146	150
10	97	90	93	82	68	73	141	137	139	153	148	151
11	98	91	94	82	70	77	140	136	138	150	128	137
12	103	93	97	83	79	80	145	139	143	139	129	134
13	106	97	102	87	82	85	150	144	148	136	129	132
14	107	98	102	91	85	87	148	145	146	139	136	138
15	114	102	106	87	84	85	156	147	151	147	138	143
16	111	101	104	88	84	86	152	142	148	149	141	145
17	105	98	100	97	88	94	157	142	153	146	141	144
18	101	77	95	105	96	102	159	152	156	150	146	148
19	80	73	77	117	105	112	157	152	154	153	148	151
20	82	77	79	128	115	122	160	55	140	155	151	153
21	89	82	86	138	128	133	155	102	140	163	124	151
22	99	89	94	141	130	137	160	154	157	168	142	157
23	103	96	99	147	131	138	158	152	154	147	133	138
24	99	96	97	155	147	151	162	151	158	159	147	155
25	98	80	94	152	109	127	152	125	138	158	138	150
26	90	82	85	110	102	106	141	122	134	139	135	137
27	88	83	85	115	102	110	---	---	---	140	134	137
28	85	81	84	115	110	112	---	---	---	142	137	139
29	89	81	86	119	111	115	---	---	---	164	133	143
30	96	88	90	122	114	118	---	---	---	136	91	107
31	---	---	---	123	115	119	126	120	123	---	---	---
MONTH	115	70	92	155	68	104	162	55	140	168	91	142
YEAR	168	48	96									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.5	6.9	7.2	7.2	7.5	7.2	7.1	7.1	7.3	7.0	7.3	7.2
2	7.5	7.4	7.2	7.1	7.4	7.3	7.2	7.1	7.0	6.8	7.3	7.2
3	7.5	7.1	7.2	7.1	7.4	7.3	7.2	7.1	6.9	6.8	7.3	7.2
4	7.4	6.8	7.3	7.0	7.4	7.3	7.1	6.7	7.0	6.9	7.3	7.2
5	7.4	6.9	7.3	6.9	7.4	7.3	7.1	6.7	7.1	7.0	7.3	7.2
6	7.1	7.0	7.3	7.2	7.4	7.3	6.7	6.6	7.1	7.1	7.3	7.2
7	7.3	7.1	7.3	7.2	7.3	7.0	6.7	6.6	7.2	7.1	7.3	7.2
8	7.3	7.0	7.3	7.3	7.5	7.1	7.0	6.7	7.2	7.2	7.3	7.2
9	7.2	7.0	7.3	7.3	7.5	7.5	7.1	7.0	7.3	7.2	7.3	7.2
10	7.2	7.1	7.3	7.3	7.6	7.5	7.1	7.1	7.3	7.2	7.4	7.2
11	7.2	7.1	7.3	7.3	7.6	7.5	7.1	7.0	7.3	7.2	7.3	7.2
12	7.3	7.2	7.3	7.2	7.6	7.6	7.1	7.0	7.3	7.3	7.3	7.2
13	7.3	7.3	7.2	7.1	7.6	7.6	7.2	7.1	7.3	7.3	7.2	7.2
14	7.4	7.3	7.2	7.1	7.7	7.3	7.3	7.2	7.3	7.2	7.2	7.2
15	7.4	7.3	7.2	7.1	7.3	7.2	7.3	7.3	7.2	7.2	7.2	7.2
16	7.4	7.3	7.2	7.0	7.3	7.2	7.3	7.2	7.2	7.2	7.4	7.2
17	7.4	7.3	7.1	7.1	7.3	7.3	7.2	7.2	7.3	7.2	7.3	7.2
18	7.4	7.3	7.1	7.1	7.3	7.3	7.2	7.2	7.3	7.2	7.4	7.2
19	7.4	7.1	7.1	7.1	7.3	7.3	7.2	7.2	7.3	7.1	7.4	7.3
20	7.2	7.1	7.1	6.8	7.4	7.3	7.2	7.2	7.1	7.0	7.5	7.3
21	7.1	7.0	7.2	6.8	7.4	7.3	7.2	7.2	7.1	7.1	7.4	7.3
22	7.2	7.1	7.0	6.5	7.4	7.1	7.3	7.2	7.1	7.1	7.5	7.3
23	7.2	7.1	7.3	7.0	7.1	6.7	7.4	7.2	7.1	7.1	7.5	7.3
24	7.2	7.2	7.3	7.3	7.4	6.8	7.2	7.2	7.5	7.1	7.4	7.2
25	7.2	7.2	7.3	7.2	7.4	7.0	7.2	7.1	7.5	7.4	7.4	7.3
26	7.3	7.2	7.4	7.3	7.3	7.0	7.2	7.1	7.5	7.2	7.4	7.3
27	7.3	7.2	7.4	7.4	7.3	7.2	7.2	7.2	7.2	7.1	7.4	7.3
28	7.3	7.2	7.4	7.4	7.2	7.2	7.3	7.2	7.3	7.2	7.4	7.2
29	7.3	7.3	7.4	7.4	7.2	7.2	7.3	7.3	---	---	7.4	7.3
30	7.3	7.3	7.5	7.4	7.2	7.1	7.3	7.3	---	---	7.5	7.3
31	7.3	7.2	---	---	7.1	7.1	7.3	7.3	---	---	7.4	7.3
MONTH	7.5	6.8	7.5	6.5	7.7	6.7	7.4	6.6	7.5	6.8	7.5	7.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.4	7.3	7.1	6.9	7.5	7.4	7.0	6.9	7.7	7.2	7.6	7.2
2	7.3	7.0	7.1	7.0	7.4	7.1	7.0	6.9	7.4	7.1	7.5	6.9
3	7.1	7.0	7.1	7.0	7.2	7.1	7.0	6.9	7.3	6.9	7.2	7.0
4	7.2	7.1	7.2	7.1	7.2	7.1	7.0	6.9	7.2	6.9	7.1	7.0
5	7.2	7.2	7.2	7.2	7.2	7.0	7.1	7.0	7.2	6.9	7.2	7.1
6	7.2	7.2	7.2	7.2	7.1	6.9	7.1	7.0	7.6	7.0	7.2	7.1
7	7.3	7.2	7.3	7.2	7.2	7.0	7.0	6.8	7.1	6.7	7.2	7.0
8	7.4	7.2	7.3	7.2	7.3	6.8	6.9	6.8	7.7	6.8	7.2	6.9
9	7.4	7.3	7.2	7.2	7.3	6.9	6.9	6.8	8.0	7.1	7.5	6.9
10	7.4	7.3	7.3	7.2	7.1	6.8	6.9	6.8	7.9	7.0	7.5	7.1
11	7.4	7.3	7.3	7.1	6.9	6.7	6.9	6.9	7.9	7.0	7.4	7.3
12	7.4	7.3	7.3	7.2	7.2	6.3	6.9	6.9	8.0	6.9	7.5	7.4
13	7.4	7.3	7.5	7.2	6.6	6.3	7.0	6.9	7.8	6.9	7.4	7.2
14	7.4	7.3	7.7	7.5	6.7	6.3	7.0	7.0	7.7	6.9	7.4	7.0
15	7.3	7.3	7.7	7.2	6.7	6.4	7.2	7.0	7.7	6.7	7.1	6.9
16	7.4	7.3	7.3	7.2	6.5	6.4	7.3	7.2	7.6	6.7	7.4	6.8
17	7.4	7.3	7.3	7.2	6.6	6.4	7.3	7.2	7.6	6.8	7.4	7.2
18	7.4	7.2	7.4	7.2	6.6	6.4	7.4	7.2	7.8	6.8	7.4	6.7
19	7.4	7.2	7.4	7.2	6.5	6.4	7.5	7.3	7.4	6.8	6.9	6.7
20	7.3	7.3	7.4	7.3	6.6	6.5	7.5	7.2	7.5	6.0	6.9	6.7
21	7.4	7.3	7.5	7.2	6.7	6.6	7.4	7.3	6.2	6.1	7.0	6.6
22	7.4	7.3	7.3	7.2	6.8	6.7	7.5	7.3	6.5	6.2	7.4	6.7
23	7.4	7.3	7.3	7.2	6.9	6.8	7.6	7.3	6.7	6.5	7.4	6.6
24	7.4	7.4	7.4	7.2	6.9	6.8	7.4	7.2	6.9	6.7	7.3	7.1
25	7.5	7.4	7.4	7.3	6.8	6.7	7.2	7.1	7.1	6.9	7.4	7.3
26	7.4	7.4	7.3	7.3	6.8	6.6	7.4	7.2	7.2	6.9	7.4	7.2
27	7.4	7.4	7.4	7.2	6.7	6.7	7.4	7.2	7.0	7.0	7.3	7.2
28	7.4	7.3	7.4	7.0	6.8	6.7	7.3	7.1	7.1	7.0	7.3	7.2
29	7.4	7.2	7.2	7.0	6.8	6.7	7.4	7.1	7.1	7.1	7.3	7.1
30	7.2	7.0	7.6	7.0	6.9	6.8	7.5	7.2	7.3	7.1	7.2	7.0
31	---	---	7.6	7.4	---	---	7.6	7.2	7.4	7.2	---	---
MONTH	7.5	7.0	7.7	6.9	7.5	6.3	7.6	6.8	8.0	6.0	7.6	6.6
YEAR	8.0	6.0										

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	22.5	23.5	17.0	14.5	15.5	12.5	10.5	11.5	6.5	5.5	6.0
2	23.5	21.0	22.0	16.5	14.5	15.5	12.0	10.0	11.0	6.0	5.0	5.5
3	21.0	19.0	20.0	16.5	16.0	16.5	12.0	10.0	11.0	5.0	4.5	4.5
4	21.5	20.0	20.5	16.0	14.5	15.0	12.5	10.5	11.5	4.5	3.5	4.0
5	21.5	20.5	21.0	14.5	13.5	14.0	13.0	11.0	12.0	3.5	2.0	3.0
6	21.5	21.0	21.5	13.5	12.0	13.0	14.5	12.0	13.5	2.0	1.5	2.0
7	22.0	21.0	21.5	12.0	10.0	11.0	14.5	13.0	14.0	4.0	2.0	3.0
8	22.0	21.5	21.5	10.5	9.5	10.0	15.5	14.0	14.5	6.0	4.0	5.0
9	21.5	20.5	21.0	12.0	10.5	11.5	16.0	14.0	15.0	7.0	5.5	6.5
10	20.5	18.5	19.5	14.0	12.0	13.0	14.0	11.5	12.5	7.0	5.5	6.5
11	19.0	17.5	18.5	16.0	14.0	15.0	11.5	11.0	11.0	5.5	4.5	5.0
12	19.0	17.0	18.0	14.5	12.5	13.5	11.0	10.5	11.0	6.5	5.0	5.5
13	19.0	17.5	18.0	12.5	11.5	12.0	10.5	10.0	10.0	7.0	5.5	6.0
14	19.0	17.5	18.0	12.5	12.0	12.5	11.0	9.5	10.0	9.0	7.0	8.0
15	18.5	16.5	17.5	14.0	12.5	13.0	9.5	7.5	8.5	10.0	9.0	9.5
16	17.5	15.5	16.5	14.0	13.0	13.5	8.5	7.5	8.0	9.0	7.5	8.0
17	17.5	15.5	16.5	15.0	14.0	14.5	8.5	7.5	8.0	8.0	7.0	7.5
18	17.5	15.0	16.0	14.5	13.0	14.0	7.5	6.0	6.5	9.5	8.0	8.5
19	18.0	15.5	17.0	13.5	12.5	13.0	7.5	6.0	7.0	9.0	8.5	8.5
20	19.0	18.0	18.5	14.5	13.5	14.0	9.0	7.5	8.0	9.5	8.0	8.5
21	18.0	15.5	17.0	14.5	12.0	13.5	11.0	9.0	10.0	10.0	8.5	9.5
22	15.5	13.5	14.5	12.0	10.5	11.0	12.5	11.0	11.5	11.0	9.5	10.5
23	14.0	12.0	13.0	11.0	9.5	10.5	11.5	8.5	10.0	12.5	11.0	11.5
24	13.5	11.0	12.0	13.5	11.0	12.0	8.5	7.0	7.5	13.5	12.5	13.0
25	13.0	11.0	12.0	13.0	12.0	12.5	7.0	6.5	7.0	13.0	11.5	12.5
26	14.0	11.5	13.0	13.0	11.0	12.0	6.5	6.0	6.5	11.5	10.5	11.0
27	14.5	12.0	13.0	11.5	10.0	10.5	6.0	5.5	5.5	11.0	9.5	10.0
28	15.0	12.5	13.5	11.0	9.0	10.0	6.0	5.0	5.5	11.5	10.0	10.5
29	15.5	13.0	14.5	11.0	9.0	10.0	7.0	6.0	6.5	12.5	11.0	11.5
30	16.5	14.0	15.0	11.5	9.5	10.5	7.0	6.5	7.0	12.5	12.0	12.5
31	17.0	15.0	16.0	---	---	---	6.5	6.0	6.5	12.0	10.0	11.0
MONTH	24.5	11.0	17.4	17.0	9.0	12.8	16.0	5.0	9.6	13.5	1.5	7.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	8.0	8.5	12.5	10.5	11.5	16.0	13.5	14.5	12.5	12.0	12.0
2	8.0	7.5	8.0	12.0	10.0	11.0	16.0	15.5	15.5	14.5	12.5	13.5
3	9.5	8.0	8.5	11.5	10.0	11.0	17.5	16.0	16.5	16.5	14.0	15.0
4	10.5	9.5	10.0	10.5	8.5	9.5	20.0	17.5	19.0	18.0	15.5	16.5
5	10.5	10.0	10.0	9.5	8.0	9.0	21.5	19.0	20.0	18.0	17.5	18.0
6	10.5	9.5	10.0	11.0	8.5	9.5	20.5	18.5	19.5	18.5	17.5	18.0
7	12.0	10.0	11.0	12.0	10.0	11.0	20.0	17.5	19.0	20.0	18.5	19.0
8	13.5	12.0	12.5	10.5	9.0	9.5	20.5	18.5	19.5	21.0	19.0	20.0
9	12.5	12.0	12.5	9.0	7.5	8.0	21.5	19.5	20.5	21.0	19.0	20.0
10	14.0	12.0	13.0	9.0	7.0	8.0	22.5	20.0	21.0	22.0	19.5	20.5
11	15.0	13.5	14.0	10.0	8.0	9.0	23.5	21.0	22.0	22.0	20.0	21.0
12	15.5	13.5	14.5	10.5	8.0	9.0	22.5	20.0	21.0	21.5	20.5	21.0
13	13.5	9.5	11.5	9.0	8.0	8.5	20.5	18.0	19.0	21.5	19.5	20.5
14	9.5	7.5	8.5	8.5	7.5	8.0	18.5	16.5	17.0	20.5	19.0	20.0
15	8.5	6.5	7.5	9.0	7.5	8.0	17.0	15.5	16.0	20.0	18.0	19.0
16	9.0	6.5	7.5	10.0	8.0	9.0	18.0	15.5	16.5	21.0	18.0	19.0
17	9.5	8.0	8.5	12.0	9.5	10.5	17.0	15.0	16.0	22.0	18.5	20.0
18	11.5	9.5	10.5	14.0	11.0	12.5	16.5	13.5	15.0	21.5	19.5	20.5
19	11.5	10.0	11.0	15.0	12.0	13.5	17.0	13.5	15.5	22.5	20.0	21.5
20	10.0	9.0	9.5	15.0	13.0	14.0	18.5	15.0	17.0	23.0	20.0	21.5
21	10.0	9.5	10.0	14.5	14.0	14.0	19.5	16.5	18.0	23.0	19.5	21.0
22	9.5	7.5	8.5	15.0	12.5	13.5	20.5	17.5	19.0	23.0	20.0	21.5
23	7.5	6.5	7.0	14.5	12.5	13.5	21.5	18.5	20.0	24.0	21.0	22.5
24	7.5	6.0	6.5	15.0	13.0	14.0	22.5	20.5	21.0	25.0	22.5	23.5
25	7.5	6.0	7.0	15.5	14.5	15.0	21.0	20.0	20.5	23.5	21.0	22.0
26	8.5	6.5	7.5	14.5	12.5	13.5	20.0	19.0	19.5	22.5	21.0	21.5
27	9.5	7.5	8.5	13.5	11.5	12.5	21.0	19.0	20.0	23.5	20.0	21.5
28	12.0	9.5	11.0	14.0	11.0	12.5	20.5	18.0	19.5	22.5	20.0	21.5
29	---	---	---	14.0	12.5	13.5	18.0	14.5	16.0	23.5	20.0	21.5
30	---	---	---	15.0	12.0	13.5	14.5	12.0	13.0	24.0	20.5	22.5
31	---	---	---	14.0	13.5	13.5	---	---	---	23.5	21.0	22.5
MONTH	15.5	6.0	9.8	15.5	7.0	11.3	23.5	12.0	18.2	25.0	12.0	19.9

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	21.0	22.5	28.0	26.0	26.5	32.0	27.5	29.5	25.0	20.0	22.5
2	24.5	22.0	23.0	28.5	26.0	27.0	30.5	28.0	29.0	26.0	20.5	23.0
3	26.0	23.0	24.5	29.0	26.0	27.0	30.0	27.0	28.5	26.5	22.0	24.0
4	26.5	23.0	24.5	29.0	26.0	27.5	29.0	25.0	27.0	26.5	21.0	23.5
5	24.5	23.5	24.0	30.0	26.5	28.0	29.0	25.0	27.0	24.5	22.5	23.5
6	25.0	22.5	23.5	29.5	27.0	28.0	30.0	26.0	28.0	27.5	23.0	25.0
7	26.0	23.5	24.5	27.5	26.0	26.5	28.5	26.5	27.5	28.0	24.0	26.0
8	27.0	23.5	25.5	28.0	26.0	27.0	29.5	27.5	28.5	28.5	24.5	26.0
9	27.5	24.5	26.0	28.5	26.5	27.5	28.5	27.5	28.0	27.5	24.5	26.0
10	27.0	25.0	26.0	28.0	26.5	27.0	28.5	27.0	27.5	27.0	23.5	25.0
11	26.5	24.5	25.5	27.0	25.0	26.0	29.0	26.0	27.5	25.5	21.5	23.5
12	26.5	24.0	25.0	25.0	22.5	23.5	29.0	26.5	28.0	25.0	21.0	23.0
13	26.0	23.0	24.5	22.5	21.0	21.5	29.0	27.0	28.0	24.5	20.0	22.5
14	26.5	23.5	25.0	22.5	21.0	21.5	29.5	27.0	28.5	25.5	20.0	22.5
15	26.0	25.0	25.5	24.5	22.0	23.0	29.0	27.5	28.0	23.5	22.0	23.0
16	25.0	22.5	24.0	26.0	23.0	24.5	29.5	26.5	27.5	24.5	20.5	22.0
17	24.0	22.0	23.0	26.0	24.5	25.5	31.0	26.0	28.5	23.0	18.0	20.5
18	23.5	22.0	23.0	28.0	24.5	26.0	31.0	26.0	28.5	22.0	17.5	19.5
19	23.0	21.0	22.0	29.0	25.5	27.0	30.5	26.0	28.5	22.5	18.0	20.5
20	22.0	21.0	21.5	29.5	26.0	27.5	28.5	21.5	26.0	22.0	19.5	21.0
21	22.0	20.5	21.0	29.5	26.5	28.0	28.0	23.0	25.5	23.0	20.5	21.0
22	22.5	20.5	21.5	30.5	27.0	28.5	28.0	23.0	25.5	22.0	18.5	20.0
23	23.5	20.5	22.0	31.0	27.5	29.0	27.5	24.0	25.5	20.0	16.5	18.0
24	23.0	21.0	22.5	31.0	28.0	29.0	25.5	24.0	25.0	20.0	16.5	18.0
25	24.0	22.0	23.0	29.5	27.5	28.0	24.5	23.5	24.0	21.0	17.0	19.0
26	24.0	23.0	23.5	30.5	27.0	28.5	26.5	24.0	25.0	22.0	18.5	20.0
27	24.5	23.5	24.0	29.5	27.0	28.0	27.0	24.5	25.5	22.0	21.0	21.5
28	26.0	24.0	25.0	29.0	26.0	27.5	27.0	25.0	25.5	23.5	22.0	22.5
29	27.5	25.5	26.5	30.5	26.5	28.5	26.0	25.0	25.5	23.5	22.5	23.0
30	27.5	26.0	26.5	29.5	26.5	28.0	28.0	24.0	25.5	22.5	20.0	21.5
31	---	---	---	31.5	27.0	29.0	24.5	21.5	23.0	---	---	---
MONTH	27.5	20.5	24.0	31.5	21.0	26.8	32.0	21.5	26.9	28.5	16.5	22.2
YEAR	32.0	1.5	17.3									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	6.9	7.0	9.1	8.5	8.8	11.0	10.4	10.7	12.6	12.2	12.4
2	7.4	6.9	7.2	9.2	8.6	8.9	10.9	10.4	10.8	12.5	12.2	12.4
3	7.8	7.4	7.6	8.6	8.0	8.4	11.0	10.5	10.8	12.6	12.4	12.5
4	7.6	7.4	7.5	8.9	8.3	8.6	10.8	10.4	10.6	12.8	12.5	12.7
5	7.4	7.1	7.2	9.2	8.6	9.0	10.8	10.2	10.5	13.4	12.8	13.2
6	7.3	7.0	7.2	9.6	8.9	9.3	10.3	9.8	10.1	13.9	13.4	13.7
7	7.5	7.3	7.4	10.3	9.5	10.0	10.4	9.8	10.0	13.8	13.0	13.5
8	7.4	6.9	7.2	10.5	10.0	10.4	10.2	9.7	10.0	13.0	12.3	12.6
9	7.5	6.9	7.2	10.3	9.7	10.1	10.0	9.6	9.8	12.3	11.7	12.0
10	7.7	7.5	7.6	9.9	9.0	9.6	11.0	10.0	10.6	12.0	11.6	11.8
11	8.1	7.7	7.9	9.3	8.6	9.0	11.1	10.7	10.9	12.5	11.9	12.3
12	8.3	8.0	8.2	9.8	8.8	9.5	11.1	10.8	11.0	12.4	12.1	12.2
13	8.4	8.1	8.2	9.9	9.6	9.8	11.2	10.9	11.1	12.1	11.8	12.0
14	8.3	8.1	8.2	9.8	9.5	9.7	11.3	11.1	11.1	11.8	11.1	11.6
15	8.6	8.2	8.5	9.6	9.3	9.5	11.8	11.1	11.5	11.1	10.8	10.9
16	8.8	8.5	8.7	9.3	9.2	9.3	12.0	11.6	11.8	11.3	10.8	11.1
17	9.0	8.6	8.8	9.2	9.0	9.1	11.8	11.6	11.7	11.4	11.0	11.3
18	9.0	8.6	8.8	9.6	9.0	9.3	12.4	11.8	12.1	11.3	10.7	11.0
19	9.2	8.5	8.8	9.9	9.6	9.7	12.4	12.1	12.3	11.1	10.8	10.9
20	8.7	8.4	8.6	9.6	9.3	9.5	12.1	11.6	11.9	11.1	10.8	11.0
21	9.0	8.5	8.8	9.9	9.2	9.6	11.6	10.9	11.3	10.9	10.5	10.7
22	9.5	9.0	9.4	10.5	9.9	10.3	10.9	10.4	10.7	10.5	10.1	10.4
23	10.1	9.5	9.9	10.9	10.5	10.7	11.6	10.5	11.1	10.1	9.6	9.9
24	10.4	9.9	10.1	10.5	9.7	10.2	12.1	11.6	11.9	9.6	9.3	9.4
25	10.4	9.9	10.1	10.1	9.7	10.0	12.2	12.1	12.1	9.8	9.3	9.5
26	10.1	9.8	10.0	10.5	9.9	10.3	12.3	12.1	12.2	10.2	9.6	10.0
27	10.1	9.5	9.8	10.7	10.3	10.6	12.6	12.2	12.4	10.4	10.2	10.3
28	9.8	9.2	9.6	11.1	10.6	10.8	12.5	12.2	12.4	10.3	9.9	10.2
29	9.6	9.0	9.3	11.1	10.6	10.9	12.2	11.7	11.9	10.0	9.8	9.9
30	9.4	8.9	9.1	11.1	10.4	10.8	12.1	11.7	11.9	9.8	9.6	9.8
31	9.2	8.7	8.9	---	---	---	12.2	12.1	12.2	10.3	9.8	10.0
MONTH	10.4	6.9	8.5	11.1	8.0	9.7	12.6	9.6	11.3	13.9	9.3	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	10.3	10.8	9.8	9.6	9.7	9.0	8.0	8.6	9.9	9.4	9.7
2	11.1	10.8	10.9	10.1	9.7	9.9	8.1	7.8	8.0	10.2	9.2	9.8
3	10.9	10.3	10.6	9.9	9.6	9.8	8.1	7.8	7.9	10.4	9.6	10.0
4	10.4	10.0	10.2	10.6	9.9	10.3	7.8	7.5	7.6	10.2	9.4	9.8
5	10.5	10.0	10.2	10.8	10.4	10.7	7.8	7.4	7.6	9.4	8.9	9.2
6	10.5	10.3	10.4	10.7	10.1	10.5	7.7	7.4	7.6	9.2	8.8	9.0
7	10.4	9.8	10.1	10.2	10.0	10.1	8.1	7.6	7.9	9.0	8.5	8.8
8	9.8	9.6	9.7	10.7	10.0	10.4	7.8	7.5	7.6	8.8	8.1	8.6
9	9.9	9.6	9.7	10.7	10.4	10.6	7.5	6.9	7.2	8.7	8.0	8.3
10	9.7	9.5	9.6	11.0	10.5	10.8	7.2	6.8	7.0	8.2	7.7	8.0
11	9.6	9.3	9.4	10.9	10.5	10.7	6.8	6.5	6.7	8.1	7.6	7.8
12	9.3	9.1	9.2	11.0	10.5	10.7	7.0	6.4	6.7	8.1	7.6	7.8
13	10.4	9.3	9.9	10.9	10.5	10.7	7.5	6.8	7.2	8.3	7.7	7.9
14	11.2	10.4	10.9	10.8	10.4	10.6	7.9	7.3	7.7	8.3	7.8	8.1
15	11.5	11.1	11.3	10.7	10.4	10.5	8.0	7.6	7.8	8.8	8.1	8.4
16	11.3	10.6	11.0	10.6	9.9	10.4	7.8	7.6	7.7	8.8	8.0	8.4
17	10.6	10.3	10.5	9.9	9.1	9.6	8.0	7.6	7.9	8.5	7.5	8.1
18	10.3	9.7	10.0	9.2	8.3	8.9	8.4	8.0	8.2	8.0	7.6	7.8
19	9.9	9.7	9.8	9.0	8.1	8.4	8.4	7.9	8.1	8.0	7.4	7.7
20	10.3	9.8	10.2	9.1	8.1	8.4	8.1	7.4	7.9	8.1	7.4	7.7
21	10.2	10.0	10.1	8.6	8.0	8.2	7.9	7.4	7.6	8.2	7.4	7.8
22	10.9	10.1	10.6	9.6	8.2	8.9	7.7	7.2	7.5	8.2	7.3	7.8
23	11.3	10.8	11.1	9.5	8.6	9.1	7.5	6.9	7.3	7.8	7.3	7.5
24	11.4	11.2	11.3	8.9	8.4	8.6	7.2	6.7	6.9	7.6	6.9	7.3
25	11.3	11.1	11.2	8.6	8.2	8.3	7.4	6.9	7.2	7.7	6.9	7.3
26	11.3	10.8	11.1	8.7	8.2	8.5	7.6	7.1	7.3	7.9	7.2	7.5
27	10.9	10.3	10.7	9.5	8.5	9.0	7.5	7.1	7.3	8.3	7.5	7.9
28	10.3	9.6	10.0	9.4	8.7	9.0	7.7	7.0	7.2	8.1	7.1	7.6
29	---	---	---	9.1	8.7	8.9	9.0	7.7	8.3	7.4	6.8	7.1
30	---	---	---	9.3	8.7	9.0	9.8	8.9	9.3	7.3	6.8	7.0
31	---	---	---	8.8	8.7	8.8	---	---	---	7.3	6.8	7.0
MONTH	11.5	9.1	10.4	11.0	8.0	9.6	9.8	6.4	7.6	10.4	6.8	8.2

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.2	6.7	6.9	6.7	6.4	6.5	6.9	6.1	6.4	7.7	7.1	7.4
2	7.2	6.7	7.0	6.7	6.4	6.6	7.2	6.1	6.7	7.7	6.9	7.3
3	7.1	6.6	6.8	6.7	6.4	6.5	7.4	6.5	6.9	7.5	6.9	7.1
4	7.3	6.6	7.0	6.7	6.3	6.5	7.6	6.6	7.0	7.5	6.8	7.1
5	7.1	6.9	7.0	6.6	6.1	6.3	7.8	6.4	7.0	7.3	6.8	7.0
6	7.3	6.9	7.2	6.5	6.1	6.3	7.7	6.2	6.8	7.2	6.5	6.8
7	7.3	6.9	7.1	6.3	5.9	6.1	7.8	6.2	6.8	7.1	6.4	6.7
8	7.3	6.8	7.1	6.3	5.9	6.1	7.9	5.8	6.7	7.2	6.5	6.7
9	7.2	6.7	6.9	6.1	5.9	6.0	7.7	5.9	6.6	7.4	6.5	6.8
10	7.2	6.7	6.9	6.2	6.0	6.1	8.2	5.9	6.7	7.6	6.8	7.1
11	7.3	6.9	7.1	6.5	6.1	6.3	8.3	5.6	6.7	7.8	6.9	7.4
12	7.3	6.8	7.1	7.1	6.5	6.8	8.4	5.5	6.6	8.0	7.3	7.6
13	7.3	6.8	7.0	7.2	7.0	7.1	8.6	5.4	6.5	8.2	7.4	7.7
14	7.3	6.8	7.0	7.2	7.1	7.2	8.8	5.4	6.6	8.1	7.2	7.6
15	7.2	6.8	6.9	7.2	6.9	7.0	9.2	5.3	6.7	7.6	7.2	7.3
16	6.9	6.7	6.8	7.1	6.6	6.9	8.4	5.1	6.4	7.9	7.2	7.5
17	6.7	6.1	6.5	6.9	6.6	6.7	7.8	5.0	6.0	8.5	7.5	8.0
18	6.2	5.9	6.1	6.9	6.4	6.7	8.1	5.1	6.1	8.7	7.7	8.2
19	6.5	6.0	6.3	6.7	6.3	6.5	8.6	5.2	6.6	8.7	7.6	8.1
20	6.5	6.4	6.4	6.8	6.3	6.5	8.1	5.7	6.7	8.5	7.5	7.9
21	6.7	6.4	6.6	6.7	6.3	6.5	6.9	6.0	6.4	8.4	7.2	7.8
22	6.8	6.6	6.7	6.7	6.2	6.4	7.3	6.2	6.7	8.3	7.2	7.7
23	7.1	6.6	6.8	6.7	6.0	6.3	7.4	6.3	6.7	8.7	7.7	8.2
24	7.8	6.9	7.3	6.5	6.1	6.2	6.9	6.3	6.6	8.6	8.0	8.2
25	7.3	7.0	7.2	6.3	6.0	6.1	6.7	6.3	6.5	8.5	7.7	8.1
26	7.1	6.7	6.9	6.5	6.1	6.3	6.6	6.2	6.4	8.4	7.4	7.9
27	6.8	6.7	6.8	6.6	6.2	6.4	6.5	6.2	6.4	7.6	7.2	7.4
28	6.7	6.4	6.6	6.7	6.3	6.5	6.7	6.3	6.5	7.7	7.0	7.3
29	6.5	6.3	6.4	6.7	6.2	6.5	6.7	6.4	6.5	7.0	6.8	6.9
30	6.6	6.3	6.4	6.9	6.3	6.6	6.9	6.5	6.6	7.5	6.8	7.2
31	---	---	---	6.8	6.2	6.5	7.5	6.7	7.2	---	---	---
MONTH	7.8	5.9	6.8	7.2	5.9	6.5	9.2	5.0	6.6	8.7	6.4	7.5
YEAR	13.9	5.0	8.7									

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 34°15'40'', long 81°19'55'', Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi^2 (from Federal Power Commission).

PERIOD OF RECORD.--October 1984 to current year. Records prior to 1985 Water Year are in the files of the U. S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 200.00 ft above sea level, (South Carolina Electric and Gas reference mark). Prior to May 7, 1968, datum was 47.17 ft higher.

REMARKS.--Reservoir is formed by a concrete gravity dam. Project was completed in 1914. Spillway crest elevation: 257.1 ft sea level, 1,850 acres. Maximum power pool is 266 ft sea level, 4,400 acres. Reservoir water is used for cooling of nearby fossil-electric plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 266.98 ft, July 8, 1988; minimum elevation, 254.62 ft, Oct. 5, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.30 ft, Apr. 9; minimum elevation, 255.87 ft, Aug. 11.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	264.43	261.01	261.90	259.09	260.95	259.35	261.16	264.32	261.35	261.04	264.71	261.26
2	259.40	264.44	260.02	260.23	259.00	260.67	259.34	261.52	263.22	263.59	263.58	262.88
3	261.41	263.58	258.94	259.09	258.96	263.02	265.23	263.56	262.69	263.23	264.35	262.12
4	262.53	262.40	261.40	265.16	259.88	262.84	262.85	263.24	263.96	262.35	262.92	262.74
5	264.32	263.72	264.44	263.52	260.87	261.46	264.58	263.80	263.13	264.82	262.91	262.86
6	264.97	262.79	262.74	263.91	260.94	261.63	264.19	262.53	264.74	262.50	263.90	262.80
7	263.64	262.95	263.27	263.66	260.84	258.39	264.28	262.85	263.34	264.07	264.70	262.52
8	263.52	258.32	263.93	262.33	260.36	263.59	264.67	262.12	263.13	264.72	262.93	262.69
9	263.30	262.92	261.80	262.28	259.50	262.93	265.15	261.12	263.17	264.09	264.30	262.17
10	263.02	264.38	263.42	258.54	259.41	265.57	264.44	264.39	263.06	264.72	263.65	262.74
11	262.38	263.44	263.03	260.94	260.13	264.88	263.16	261.83	262.42	257.35	263.43	262.69
12	262.44	262.36	261.03	257.96	259.11	262.36	262.17	263.06	261.64	259.04	261.66	261.40
13	262.84	261.83	260.57	258.37	257.48	261.42	262.93	261.90	261.74	259.73	263.22	262.18
14	261.45	260.99	263.90	260.04	259.84	258.65	263.39	263.10	263.87	261.36	261.89	262.09
15	260.97	261.96	264.72	258.92	261.68	262.24	264.05	259.96	262.74	263.87	262.21	263.26
16	262.21	262.24	262.20	258.25	259.95	262.34	261.02	261.91	262.55	262.78	260.74	262.58
17	260.57	263.73	264.32	258.69	260.02	262.78	262.63	262.25	263.36	263.64	263.06	263.60
18	261.37	262.42	262.42	262.67	258.66	259.89	260.22	264.28	260.79	263.24	263.36	262.80
19	263.28	262.45	259.47	263.39	260.60	258.73	264.28	261.27	260.91	263.27	262.77	262.10
20	261.93	261.67	258.66	263.03	264.18	258.24	264.30	263.55	259.02	263.16	261.37	264.10
21	260.62	260.81	259.80	261.71	261.42	258.78	263.62	262.99	258.91	263.67	264.53	263.51
22	260.81	258.48	261.36	260.28	264.00	263.79	261.00	262.29	259.95	263.97	261.08	261.30
23	261.90	263.92	261.30	261.71	262.77	263.01	264.63	264.41	261.02	265.38	261.22	261.44
24	260.93	264.08	259.71	259.93	265.45	261.91	262.74	263.41	262.81	263.94	260.47	261.65
25	257.73	264.39	262.83	259.74	262.91	264.24	259.34	264.15	262.07	264.14	264.47	264.31
26	263.04	262.18	264.36	258.92	261.17	264.89	265.09	261.64	263.15	264.04	264.44	264.56
27	263.58	262.36	260.75	260.29	261.38	264.01	264.62	262.26	262.53	263.88	261.56	264.76
28	263.90	263.86	259.27	260.26	259.87	262.01	263.32	263.11	262.12	265.10	261.74	264.40
29	262.02	262.37	258.78	260.31	---	262.90	264.61	262.92	262.59	263.63	259.21	264.80
30	265.18	261.51	264.29	259.34	---	261.64	264.59	261.52	262.52	264.40	259.51	260.20
31	263.43	---	259.68	258.43	---	263.12	---	260.74	---	265.66	259.09	---
MAX	265.18	264.44	264.72	265.16	265.45	265.57	265.23	264.41	264.74	265.66	264.71	264.80
MIN	257.73	258.32	258.66	257.96	257.48	258.24	259.34	259.96	258.91	257.35	259.09	260.20
(+)	7.02	4.81	3.01	2.00	3.18	6.64	8.47	4.04	5.92	9.92	2.48	3.50
(*)	+54.9	+114	-89.8	-50.4	+65.2	+173	+94.4	-221	+97.0	+200	-371	+52.6

CAL YR 1998 * -0.76 MAX 265.34 MIN 257.73
WTR YR 1999 * -10.3 MAX 265.66 MIN 257.35

(+) CHANGE, IN BILLIONS OF GALLONS, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38'', long 81°19'50'', Fairfield County, Hydrologic Unit 03050106, in power house of dam, 0.3 mi upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi^2, approximately.

GAGE HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is sea level.

REMARKS.--Regulated by flow from Parr Shoals Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 242.98 ft, Oct. 14, 1990; minimum elevation, 219.34 ft, Jul. 14, 1996, Aug. 12, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 228.60 ft, Jan.25; minimum elevation, 219.34 ft, Aug. 12.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	221.76	220.57	221.12	221.44	221.26	221.35	222.21	221.63	221.81	222.84	222.66	222.75
2	223.08	221.56	222.50	222.86	221.27	222.04	221.92	221.64	221.77	222.93	219.57	222.70
3	221.76	221.50	221.63	223.15	221.26	222.70	221.94	219.77	221.69	222.85	219.54	221.97
4	221.76	221.55	221.67	221.41	221.19	221.29	221.87	221.25	221.47	228.05	222.75	224.54
5	221.90	221.58	221.75	221.27	220.46	220.87	221.40	221.24	221.33	227.21	222.83	225.26
6	223.02	221.66	222.54	222.44	220.66	220.78	221.41	221.28	221.33	225.65	221.77	223.30
7	223.07	222.70	222.81	221.86	220.70	221.18	221.52	221.21	221.36	223.17	221.70	222.48
8	223.01	222.58	222.81	222.80	221.73	222.41	221.38	221.26	221.33	223.62	220.36	222.26
9	223.02	222.60	222.83	222.77	220.64	221.54	221.51	221.25	221.37	222.90	222.67	222.78
10	223.01	222.72	222.82	221.93	219.57	221.29	221.79	221.26	221.52	222.86	222.68	222.76
11	222.96	222.79	222.86	222.20	220.58	221.19	222.75	221.62	222.19	223.17	222.65	222.88
12	223.88	222.07	223.08	222.41	222.00	222.19	222.23	222.10	222.16	223.12	222.64	222.84
13	223.20	222.64	222.88	222.43	221.73	221.99	222.85	222.11	222.45	223.10	221.62	222.62
14	222.84	220.61	221.22	221.82	221.65	221.74	223.06	220.86	221.89	221.94	221.66	221.78
15	221.03	220.57	220.70	222.15	221.69	221.93	224.74	221.25	222.33	223.14	220.11	222.43
16	220.70	220.57	220.62	222.52	222.00	222.32	223.18	222.69	222.92	222.82	222.62	222.74
17	220.62	220.56	220.58	222.51	219.51	221.67	222.95	221.64	222.20	222.82	222.23	222.49
18	222.48	220.57	221.46	222.56	221.65	222.05	223.77	222.54	222.90	223.13	222.27	222.73
19	223.08	222.33	222.76	222.80	222.06	222.45	222.94	221.25	222.67	224.12	222.12	223.18
20	223.02	221.20	221.89	223.14	222.42	222.75	221.28	221.18	221.23	224.61	222.82	223.20
21	221.37	220.66	220.94	222.84	222.69	222.78	221.70	221.19	221.29	224.51	222.59	223.13
22	221.73	220.67	221.21	222.81	221.17	221.99	221.47	221.21	221.32	223.96	222.21	223.15
23	221.88	221.57	221.70	221.42	220.79	221.28	222.23	221.20	221.54	224.05	222.73	222.96
24	221.70	221.50	221.63	221.45	221.22	221.30	222.78	222.05	222.30	226.37	222.58	224.67
25	221.66	221.50	221.59	221.43	221.21	221.30	222.91	222.67	222.79	228.60	224.26	225.85
26	221.63	220.52	220.86	221.67	220.62	221.25	226.68	222.81	224.71	225.10	223.36	224.23
27	220.71	220.55	220.63	221.35	221.23	221.28	226.26	223.17	224.74	223.78	222.68	223.07
28	221.33	220.55	220.89	221.34	221.23	221.29	223.17	221.24	222.23	223.22	222.76	222.97
29	221.40	221.17	221.28	222.58	221.25	221.98	222.79	220.80	221.87	223.19	222.73	222.96
30	221.61	221.19	221.39	222.74	222.15	222.55	222.95	221.98	222.43	223.48	222.78	223.14
31	221.44	221.29	221.37	---	---	---	223.12	222.69	222.87	223.19	222.75	222.95
MONTH	223.88	220.52	221.74	223.15	219.51	221.76	226.68	219.77	222.13	228.60	219.54	223.12

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	224.74	221.26	223.63	223.14	222.08	222.81	222.92	221.61	222.26	224.89	222.75	223.78
2	225.68	222.69	224.32	223.41	222.06	222.92	222.91	222.65	222.77	226.02	222.05	224.40
3	226.84	224.89	225.75	222.85	221.17	221.81	225.67	222.71	223.08	225.72	222.71	223.60
4	225.40	222.81	224.14	223.23	221.72	222.69	225.07	222.80	223.03	223.17	219.69	222.78
5	225.54	223.02	223.67	223.26	222.75	222.95	227.36	222.17	224.10	222.95	219.50	221.72
6	223.37	222.79	223.00	222.94	222.59	222.86	223.15	221.45	222.59	223.12	221.27	222.44
7	223.29	222.02	222.94	222.94	221.70	222.67	223.29	221.51	222.59	223.73	221.22	222.49
8	223.16	222.65	222.89	223.32	220.67	222.54	223.17	222.06	222.61	222.96	222.71	222.85
9	223.26	222.14	222.87	223.23	221.28	222.61	223.12	221.75	222.41	222.91	221.21	221.88
10	223.18	222.71	222.82	222.91	221.29	221.43	223.57	221.68	222.92	223.25	222.06	222.71
11	223.23	222.57	222.93	223.17	221.34	222.69	222.94	222.65	222.81	223.17	221.42	222.13
12	223.21	222.63	222.97	223.55	221.70	222.70	222.92	221.66	222.39	222.60	222.04	222.26
13	222.98	222.53	222.85	222.97	222.80	222.88	222.89	221.24	222.09	222.33	221.97	222.18
14	222.53	221.38	221.84	222.86	221.63	221.84	222.76	221.36	222.21	222.34	221.15	221.60
15	222.54	222.02	222.34	223.20	221.65	222.65	222.96	221.13	222.17	221.38	221.25	221.30
16	222.79	222.37	222.56	223.27	222.72	222.98	222.33	221.20	222.02	222.97	221.27	222.23
17	222.90	222.45	222.74	223.22	222.83	222.98	222.20	222.01	222.11	223.17	222.16	222.89
18	223.28	222.76	222.95	223.22	222.79	222.96	222.41	222.03	222.15	222.88	221.23	221.89
19	223.35	222.79	222.99	223.24	222.71	222.93	223.02	220.72	222.37	222.23	221.23	221.36
20	223.01	222.86	222.94	222.85	219.77	222.61	222.96	221.28	221.60	223.16	221.27	222.19
21	226.39	222.83	224.58	222.47	221.64	222.21	222.82	221.27	222.00	223.15	221.35	222.39
22	226.79	222.83	223.95	222.53	221.65	222.14	222.55	221.14	221.87	221.81	221.22	221.48
23	223.28	222.78	222.96	222.75	222.14	222.43	222.47	221.18	221.94	222.63	221.35	221.75
24	223.24	221.48	222.89	222.81	222.43	222.59	221.81	221.28	221.61	223.03	221.29	222.14
25	223.20	222.76	222.93	222.80	222.45	222.61	221.77	221.60	221.67	222.94	221.25	221.52
26	223.25	222.69	222.93	224.35	222.46	223.07	223.06	221.38	222.02	221.52	221.26	221.37
27	222.90	222.76	222.84	224.04	222.52	222.78	222.96	221.29	221.99	222.94	221.19	221.75
28	222.87	222.64	222.78	222.60	222.45	222.52	222.95	221.28	222.05	221.44	221.25	221.35
29	---	---	---	223.79	222.43	222.64	223.12	221.43	222.44	221.87	221.24	221.59
30	---	---	---	223.35	222.43	222.78	224.56	222.77	223.54	221.87	221.66	221.76
31	---	---	---	222.95	221.73	222.09	---	---	---	221.81	221.26	221.55
MONTH	226.84	221.26	223.18	224.35	219.77	222.59	227.36	220.72	222.38	226.02	219.50	222.17

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	221.58	221.25	221.38	222.02	221.64	221.83	222.87	220.65	221.10	221.29	220.52	220.66
2	221.49	221.26	221.37	222.99	221.23	221.72	220.83	220.68	220.76	221.31	220.53	220.76
3	221.86	221.27	221.38	221.37	220.57	221.10	220.89	220.59	220.69	220.70	219.54	220.30
4	221.43	220.71	220.93	221.36	221.17	221.26	220.72	220.32	220.63	221.07	219.97	220.31
5	221.81	220.66	221.43	221.36	220.67	221.22	220.71	220.53	220.61	221.02	219.97	220.22
6	222.62	221.23	221.61	220.73	220.36	220.64	220.72	219.38	220.39	221.03	219.97	220.23
7	222.99	221.26	221.84	222.66	220.57	221.26	220.65	219.37	220.35	221.01	219.97	220.36
8	222.64	220.75	221.58	222.88	221.37	221.91	220.63	219.36	220.33	221.77	219.97	220.40
9	222.94	220.34	221.70	223.16	221.86	222.80	220.72	220.53	220.64	221.02	219.97	220.39
10	221.45	220.70	220.93	222.99	222.68	222.82	220.70	220.59	220.64	221.01	219.96	220.28
11	220.79	220.64	220.73	222.88	222.60	222.73	220.68	219.36	220.22	221.04	219.98	220.55
12	220.74	220.67	220.70	222.72	220.54	220.66	220.66	219.34	220.11	220.98	219.98	220.50
13	221.35	220.67	221.14	222.10	220.55	221.27	221.28	219.35	220.30	221.48	219.95	220.46
14	223.22	221.25	222.41	222.45	221.17	221.84	222.21	219.36	220.25	221.03	219.49	220.42
15	223.02	219.48	221.39	222.92	221.17	221.93	222.16	219.36	220.11	221.33	220.00	220.57
16	221.55	219.46	221.15	221.39	221.20	221.30	222.10	219.36	220.08	221.04	220.00	220.31
17	221.45	221.23	221.34	221.33	221.13	221.25	222.15	219.35	219.99	221.19	220.09	220.54
18	222.49	220.95	221.89	221.33	221.18	221.26	222.22	219.35	220.21	220.97	220.08	220.35
19	222.47	221.99	222.27	223.08	219.48	221.87	222.00	219.86	220.37	220.94	220.10	220.19
20	222.15	221.60	221.86	222.87	220.72	221.44	221.07	219.91	220.03	221.36	220.10	220.22
21	221.84	221.22	221.47	221.34	221.18	221.27	220.89	219.96	220.06	221.03	220.04	220.18
22	221.41	221.21	221.32	221.38	221.19	221.27	220.83	219.96	220.05	221.04	220.03	220.33
23	221.33	220.60	220.77	221.44	220.60	221.00	220.95	219.93	220.27	221.03	220.05	220.51
24	221.78	220.61	221.06	220.65	220.54	220.60	220.96	219.93	220.27	221.89	220.03	220.34
25	221.84	220.63	221.19	222.55	220.26	220.93	221.58	219.93	220.39	220.66	220.03	220.42
26	222.97	221.64	222.56	222.90	220.58	221.61	222.94	219.97	221.51	220.62	220.52	220.57
27	223.05	222.12	222.76	222.84	221.25	221.53	223.21	219.49	222.61	222.93	220.55	221.29
28	222.78	221.29	222.49	221.42	221.22	221.32	222.78	220.49	221.42	222.89	221.22	221.68
29	222.51	221.20	221.78	221.34	220.70	220.89	221.68	220.49	220.73	222.90	221.18	221.47
30	223.08	221.70	222.26	220.89	220.69	220.77	221.44	220.50	220.97	221.40	221.19	221.29
31	---	---	---	222.91	220.63	221.16	221.32	220.55	220.95	---	---	---
MONTH	223.22	219.46	221.56	223.16	219.48	221.43	223.21	219.34	220.55	222.93	219.49	220.54
YEAR	228.60	219.34	221.92									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORDS.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 249 microsiemens, Oct. 15, 1996; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.

pH: Maximum, 8.3 units, Jul. 24, 1977; minimum, 5.0 units, Jul. 13, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, Jul. 25, 1976, Jul. 11, 16, 1977, and many days in Jul. 1986; minimum, <0.5°C, Jan. 19-21, 1977, Jan. 11, 1988, Jan. 20, 1994.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, many days in Jan. 1988; minimum, 2.6 mg/L, Aug. 12, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 172 microsiemens, Aug. 27; minimum, 71 microsiemens, Jan. 25, Feb. 4.

pH: Maximum, 8.0 units, Oct. 27, 28; minimum 5.3 units, Oct. 14.

WATER TEMPERATURE: Maximum, 31.0°C, many days in Aug.; minimum, 4.5°C, Jan. 5, 6.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 5; minimum, 2.6 mg/L, Aug. 12.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	118	106	109	112	108	110	117	112	115	99	88	91
2	128	105	113	123	110	116	117	112	114	101	88	92
3	121	107	114	128	107	115	116	113	114	105	92	98
4	117	111	113	112	108	110	118	112	116	110	79	96
5	123	109	114	118	112	115	113	110	112	105	84	94
6	114	105	110	116	111	112	113	111	111	104	86	97
7	107	100	104	116	112	114	114	111	112	101	86	95
8	104	100	102	125	113	116	114	111	112	101	93	97
9	108	102	105	131	114	124	113	111	112	100	83	93
10	112	104	106	118	112	116	118	113	116	104	89	98
11	110	103	107	117	111	113	122	114	117	104	90	97
12	104	99	102	120	111	114	121	115	118	104	97	100
13	103	99	102	121	112	114	123	117	120	100	96	98
14	104	100	102	123	112	116	128	120	124	100	96	98
15	104	101	102	126	113	117	127	113	119	102	94	97
16	104	101	102	121	113	118	118	112	114	100	95	98
17	102	99	101	117	111	113	115	112	114	103	97	100
18	104	99	102	114	112	113	114	111	113	105	98	102
19	116	104	108	114	113	114	114	107	111	101	85	92
20	111	104	107	113	111	112	109	107	108	96	85	90
21	113	104	106	114	111	112	109	105	107	93	88	89
22	112	107	109	114	109	112	109	107	108	98	90	95
23	121	104	108	112	109	110	112	109	110	101	92	95
24	110	105	107	112	109	110	114	111	112	103	78	96
25	120	108	112	112	110	111	114	110	113	96	71	77
26	123	109	116	112	110	111	112	88	103	82	74	77
27	113	108	110	114	111	113	101	84	89	79	75	77
28	117	108	111	116	113	115	98	84	89	82	76	79
29	117	107	111	117	115	116	100	82	89	91	80	83
30	116	109	113	122	115	118	101	82	89	91	82	86
31	111	108	109	---	---	---	106	89	98	94	91	93
MONTH	128	99	108	131	107	114	128	82	110	110	71	93

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	103	92	98	99	93	96	102	98	100	96	84	94
2	99	78	87	102	96	99	105	98	102	89	80	83
3	85	75	78	99	97	98	105	99	102	93	80	87
4	76	71	73	100	97	98	100	91	97	95	82	90
5	102	73	82	100	97	98	97	90	93	96	86	93
6	79	76	78	101	98	99	98	92	96	99	87	94
7	84	78	80	99	96	98	98	89	94	99	91	95
8	88	79	83	100	97	99	96	91	94	98	92	96
9	97	86	89	102	98	100	96	91	94	105	95	99
10	89	87	88	102	99	100	97	94	95	106	98	100
11	99	88	94	103	98	100	97	93	95	105	97	100
12	97	93	95	102	98	100	98	94	96	102	98	99
13	97	95	96	102	99	100	99	95	96	104	98	99
14	103	95	98	100	97	99	100	96	97	104	98	100
15	105	100	103	101	98	99	100	95	97	103	99	100
16	106	99	102	102	98	99	101	94	97	109	102	106
17	103	98	101	100	97	98	102	96	97	116	100	105
18	101	98	100	99	93	96	102	96	98	108	101	103
19	104	99	102	97	94	96	106	96	100	104	101	103
20	102	95	100	98	95	97	100	96	97	108	101	104
21	97	85	91	100	96	98	103	96	98	107	100	102
22	102	84	95	102	98	100	103	97	99	108	100	103
23	96	84	90	103	98	99	102	95	98	112	100	104
24	100	85	93	101	96	99	99	95	97	111	101	104
25	101	91	97	99	95	97	105	96	99	112	101	104
26	96	86	90	98	95	97	107	98	103	111	101	105
27	95	87	91	100	97	98	100	96	98	114	103	106
28	95	90	93	99	97	98	100	94	96	113	101	106
29	---	---	---	101	98	100	102	94	97	115	101	105
30	---	---	---	102	98	100	99	94	96	119	101	106
31	---	---	---	101	98	100	---	---	---	118	104	109
MONTH	106	71	92	103	93	99	107	89	97	119	80	100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	117	108	110	121	111	114	132	123	129
2	---	---	---	110	106	108	123	111	114	128	120	124
3	118	104	108	110	106	108	121	111	114	125	121	123
4	118	105	110	109	106	107	121	111	114	129	121	123
5	119	106	110	109	106	108	120	111	114	127	121	123
6	118	104	109	110	107	108	120	110	114	126	122	124
7	108	105	106	115	108	110	122	110	114	133	121	124
8	114	103	107	113	107	110	121	112	115	134	121	125
9	111	102	105	---	---	---	128	112	116	128	118	122
10	111	103	105	---	---	---	128	112	117	127	119	122
11	111	104	107	---	---	---	124	113	117	131	121	124
12	114	107	110	---	---	---	129	113	119	131	122	125
13	114	108	111	---	---	---	130	115	121	143	124	131
14	122	106	110	110	98	105	126	113	117	135	130	131
15	117	105	109	107	103	106	132	115	118	135	125	128
16	119	106	110	109	104	106	133	115	119	129	122	126
17	116	105	109	109	105	107	143	117	120	135	126	129
18	134	109	115	---	---	---	143	113	119	136	127	131
19	131	109	116	---	---	---	135	114	118	136	129	132
20	---	---	---	---	---	---	127	114	119	138	130	135
21	126	116	122	116	107	110	129	120	124	135	129	132
22	118	113	116	---	---	---	131	120	123	133	128	129
23	116	113	114	---	---	---	143	122	129	137	128	134
24	115	108	112	---	---	---	141	124	130	144	134	138
25	120	106	111	---	---	---	142	119	127	139	133	136
26	122	104	110	---	---	---	142	119	124	135	132	133
27	110	105	107	116	106	109	172	119	130	136	130	132
28	113	105	107	121	108	111	144	120	126	146	127	131
29	113	105	108	121	109	112	126	122	124	152	128	134
30	120	106	110	125	110	114	145	125	134	158	130	133
31	---	---	---	119	111	114	138	128	130	---	---	---
MONTH	134	102	110	125	98	109	172	110	120	158	118	129
YEAR	172	71	107									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.2	6.9	7.5	7.3	7.3	7.2	7.3	6.8	7.6	7.4	7.3	7.2
2	7.3	7.1	7.4	7.3	7.3	7.1	7.3	6.8	7.5	7.2	7.3	7.1
3	7.3	7.1	7.4	7.3	7.3	7.1	7.3	6.8	7.2	7.1	7.3	7.1
4	7.2	7.1	7.4	7.3	7.4	7.2	7.3	7.0	7.2	7.1	7.2	7.2
5	7.3	7.1	7.6	7.3	7.3	7.2	---	---	7.4	7.0	7.3	7.2
6	7.2	7.0	7.6	7.5	7.3	7.2	---	---	7.2	7.1	7.3	7.2
7	7.1	7.0	7.6	7.4	7.3	7.2	7.3	7.1	7.2	7.1	7.4	7.3
8	7.2	7.0	7.5	7.3	7.3	7.2	7.3	7.2	7.2	7.1	7.4	7.3
9	7.2	7.0	7.5	7.4	7.3	7.2	7.3	7.1	7.3	7.2	7.4	7.3
10	7.2	7.1	7.6	7.4	7.4	7.2	7.4	7.2	7.3	7.1	7.4	7.3
11	7.2	7.1	7.7	7.4	7.3	7.2	7.4	7.3	7.4	7.2	7.4	7.3
12	7.2	7.0	7.5	7.3	7.3	7.2	7.4	7.3	7.4	7.3	7.4	7.2
13	7.2	7.0	7.5	7.3	7.4	7.3	7.4	7.3	7.4	7.2	7.3	7.2
14	7.2	5.3	7.4	7.3	7.6	7.3	7.4	7.3	7.3	7.2	7.3	7.1
15	7.1	5.8	7.5	7.3	7.4	7.3	7.4	7.3	7.3	7.2	7.3	7.1
16	7.2	5.8	7.5	7.3	7.3	7.3	7.4	7.3	7.3	7.1	7.3	7.1
17	7.3	5.7	7.5	7.3	7.3	7.2	7.5	7.4	7.3	7.1	7.3	7.1
18	7.6	7.0	7.4	7.2	7.3	7.2	7.5	7.3	7.3	7.2	7.3	7.2
19	7.5	7.3	7.3	7.2	7.3	7.2	7.4	7.1	7.3	7.0	7.2	7.1
20	7.4	7.2	7.4	7.3	7.3	7.2	7.4	7.1	7.3	7.1	7.3	7.1
21	7.4	7.2	7.3	7.2	7.3	7.2	7.4	7.2	7.2	7.0	7.3	7.1
22	7.6	7.3	7.4	7.2	7.3	7.2	7.3	7.2	7.4	7.0	7.4	7.2
23	7.5	7.4	7.4	7.2	7.4	7.2	7.5	7.3	7.3	7.0	7.4	7.1
24	7.5	7.3	7.3	7.1	7.3	7.3	7.6	7.2	7.2	7.1	7.2	7.1
25	7.5	7.3	7.2	7.1	7.4	7.3	7.4	7.1	7.3	7.1	7.1	7.0
26	7.9	7.4	7.3	7.1	7.4	7.1	7.2	7.1	7.2	7.1	7.3	7.1
27	8.0	6.7	7.3	7.2	7.3	7.0	7.3	7.2	7.2	7.1	7.3	7.1
28	8.0	7.3	7.4	7.2	7.1	7.0	7.3	7.2	7.3	7.2	7.1	7.0
29	7.5	7.3	7.4	7.2	7.2	6.8	7.4	7.3	---	---	7.1	7.0
30	7.4	7.3	7.4	7.2	7.2	6.5	7.4	7.3	---	---	7.2	7.1
31	7.6	7.3	---	---	7.2	6.5	7.4	7.3	---	---	7.2	7.0
MONTH	8.0	5.3	7.7	7.1	7.6	6.5	7.6	6.8	7.6	7.0	7.4	7.0

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	7.0	7.2	7.0	7.3	7.2	7.2	7.1	7.2	7.0	7.0	6.9
2	7.1	7.0	7.0	6.9	7.3	7.1	7.4	7.1	7.2	7.0	7.3	6.9
3	7.1	7.0	7.1	6.9	7.3	7.0	7.2	7.1	7.3	7.1	7.2	7.0
4	7.1	6.9	7.1	6.9	7.3	7.1	7.3	7.1	7.3	7.0	7.4	7.1
5	7.4	6.8	7.0	6.9	7.3	7.1	7.3	7.1	7.2	6.9	7.4	7.1
6	7.3	7.0	7.1	6.9	7.3	7.1	7.2	7.1	7.1	6.8	7.3	7.1
7	7.2	7.1	7.1	6.9	7.3	7.1	7.3	7.1	7.1	6.8	7.3	7.0
8	7.2	7.0	7.1	6.9	7.3	7.1	7.4	7.1	7.2	6.9	7.3	7.1
9	7.2	7.0	7.1	6.9	7.3	7.1	7.3	7.1	7.2	6.9	7.4	7.0
10	7.2	7.0	7.2	7.0	7.2	7.1	7.2	7.0	7.2	7.0	7.5	7.2
11	7.2	7.0	7.2	7.0	7.2	7.1	---	---	7.2	6.7	7.6	7.3
12	7.2	7.0	7.2	7.0	7.4	7.1	---	---	7.3	6.9	7.6	7.3
13	7.2	7.0	7.2	7.0	7.6	7.1	---	---	7.2	6.8	7.4	7.2
14	7.2	7.0	7.1	7.0	7.4	7.1	---	---	7.2	6.8	7.6	7.3
15	7.1	7.0	7.3	7.1	7.3	7.1	7.2	7.1	7.2	6.8	7.6	7.3
16	7.2	7.1	7.2	7.1	7.3	7.1	7.2	7.1	7.2	6.9	7.7	7.5
17	7.3	7.0	7.3	7.1	7.3	7.1	7.3	7.1	7.3	6.9	7.6	7.4
18	7.3	7.1	7.3	7.1	7.2	7.1	7.3	7.2	7.2	7.0	7.6	7.4
19	7.2	7.1	7.2	7.0	7.3	7.1	7.3	7.1	7.2	6.9	7.7	7.3
20	7.2	7.1	7.3	7.1	---	---	7.1	7.0	7.2	7.0	7.4	7.3
21	7.2	7.0	7.2	7.1	7.3	7.2	---	---	7.2	7.0	7.4	7.2
22	7.2	7.0	7.2	7.1	7.2	7.1	---	---	7.3	7.1	7.5	7.2
23	7.3	7.0	7.2	7.0	7.2	7.1	---	---	7.2	7.0	7.5	7.2
24	7.1	7.0	7.2	7.0	7.2	7.1	---	---	7.1	6.9	7.6	7.2
25	7.2	7.1	7.1	6.9	7.2	7.1	7.1	6.9	7.1	6.9	7.7	7.3
26	7.1	7.0	7.2	7.0	7.3	7.0	7.6	6.9	7.2	6.9	7.5	7.2
27	7.1	6.9	7.2	7.0	7.3	7.1	7.4	7.0	7.1	6.9	7.3	7.2
28	7.1	7.0	7.3	7.1	7.2	7.0	7.3	7.0	7.1	6.8	7.3	7.1
29	7.2	7.1	7.3	7.1	7.2	7.0	7.3	7.0	7.1	6.8	7.3	7.1
30	7.2	7.1	7.3	7.1	7.2	7.0	7.3	7.0	7.3	6.8	7.4	7.2
31	---	---	7.3	7.2	---	---	7.1	7.0	7.3	6.9	---	---
MONTH	7.4	6.8	7.3	6.9	7.6	7.0	7.6	6.9	7.3	6.7	7.7	6.9
YEAR	8.0	5.3										

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	27.0	27.0	22.0	21.0	21.5	17.0	14.5	15.5	10.5	6.5	8.0
2	27.5	25.5	26.0	22.0	20.0	20.5	17.0	14.0	15.5	9.5	6.0	7.0
3	26.0	25.0	25.5	22.0	19.5	21.0	17.5	14.5	16.0	10.5	5.5	8.5
4	26.0	25.5	26.0	21.5	19.5	20.5	17.0	13.5	15.0	12.5	5.0	8.0
5	26.5	25.0	26.0	19.5	18.0	18.5	18.0	16.5	17.5	11.0	4.5	8.0
6	26.5	24.5	26.0	19.0	18.0	18.5	18.5	16.5	17.5	11.0	4.5	9.0
7	26.0	25.0	25.5	18.0	17.0	17.5	17.5	16.5	17.0	10.0	6.0	8.5
8	25.5	24.5	25.5	17.5	14.5	16.5	18.0	17.5	17.5	10.5	8.5	9.5
9	25.5	23.5	25.0	18.0	12.5	14.5	18.0	17.5	18.0	10.0	6.0	8.5
10	25.0	23.0	24.5	19.5	17.0	17.5	17.5	16.0	16.5	10.0	6.5	8.5
11	23.5	22.0	23.0	19.0	18.0	18.5	17.0	15.0	16.5	10.5	6.0	8.0
12	24.5	21.5	22.5	19.0	17.5	18.0	16.0	14.0	15.5	11.0	6.5	9.0
13	24.5	21.0	23.5	19.0	16.5	18.0	15.0	13.5	14.5	9.5	6.5	7.5
14	24.5	23.0	24.0	18.5	15.5	17.5	14.0	11.5	12.5	9.0	7.0	8.0
15	24.0	22.5	23.5	17.5	15.5	17.0	15.0	11.5	13.5	10.5	9.0	9.5
16	23.0	22.5	23.0	18.0	16.5	17.0	15.5	13.0	14.5	10.0	8.5	9.0
17	23.0	22.5	23.0	18.5	16.5	18.0	15.0	12.0	14.0	9.0	8.5	8.5
18	23.5	21.5	22.0	18.0	17.0	17.5	14.5	12.0	14.0	11.5	8.5	9.5
19	24.0	21.0	22.0	17.0	15.5	16.5	14.5	9.5	13.0	10.5	9.0	10.0
20	24.0	22.0	23.0	17.0	15.0	16.0	11.0	9.0	10.0	11.0	9.0	10.0
21	23.5	21.0	22.0	17.5	14.5	16.5	12.0	9.5	10.5	11.0	9.0	10.0
22	22.0	20.0	20.5	16.5	14.5	16.0	14.0	12.0	13.0	11.0	9.0	10.0
23	22.0	18.0	20.5	18.5	13.0	15.5	13.0	11.0	12.5	12.0	9.0	11.0
24	21.5	19.5	20.5	18.5	16.0	17.5	12.5	9.5	12.0	12.5	11.0	12.0
25	21.0	18.0	19.5	18.0	17.0	17.5	9.5	8.0	8.5	13.0	11.0	12.0
26	21.5	17.5	19.5	18.0	17.0	17.5	12.0	7.5	8.5	12.0	10.5	11.0
27	21.5	20.0	21.0	17.0	16.0	16.5	12.0	7.5	9.0	11.5	10.0	10.5
28	21.5	19.5	21.0	16.0	15.0	15.5	9.0	7.0	8.0	11.5	10.5	11.0
29	21.5	20.0	20.5	16.0	14.5	15.0	10.5	7.0	8.5	11.5	11.0	11.5
30	22.0	20.0	20.5	15.5	13.0	14.0	11.5	7.0	8.5	11.5	11.5	11.5
31	23.0	21.5	22.0	---	---	---	11.5	8.0	10.0	11.5	10.5	11.0
MONTH	27.5	17.5	23.0	22.0	12.5	17.4	18.5	7.0	13.3	13.0	4.5	9.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	9.5	11.0	12.0	9.5	10.5	16.5	14.0	14.5	16.5	14.5	16.0
2	11.0	8.5	9.5	13.0	10.5	11.5	17.0	14.0	15.5	15.5	14.0	14.5
3	10.0	8.0	9.0	12.0	10.5	11.5	18.0	16.0	17.0	17.5	15.5	16.0
4	10.0	9.0	9.5	11.5	10.0	10.5	18.0	14.5	16.5	18.5	16.5	17.5
5	12.0	9.5	10.5	12.0	10.0	11.0	17.5	16.5	17.5	18.5	17.0	17.5
6	11.0	9.5	10.0	12.0	10.0	11.0	18.0	15.5	17.0	19.0	17.0	18.0
7	11.5	10.0	11.0	12.0	10.5	11.0	19.5	15.5	17.0	19.0	17.0	18.0
8	12.5	11.0	12.0	12.5	10.0	11.5	20.5	16.0	17.5	21.0	17.5	19.0
9	13.0	12.0	12.5	12.0	10.5	11.5	20.0	16.0	17.5	21.5	17.5	19.0
10	13.0	12.0	12.5	11.5	10.5	11.0	20.0	15.5	17.5	22.0	18.5	20.0
11	14.5	12.5	13.5	11.5	10.5	11.0	21.5	16.5	18.5	22.0	19.0	20.5
12	15.0	13.0	14.0	11.5	10.0	11.0	21.0	16.0	17.5	22.0	19.0	20.5
13	13.5	11.5	13.0	11.5	10.0	10.5	19.5	16.5	18.0	22.0	19.0	20.5
14	12.0	10.5	11.0	11.0	8.5	10.5	18.5	17.0	18.0	22.0	19.0	20.5
15	12.0	10.0	11.0	11.5	8.0	9.5	18.0	17.0	17.5	21.0	19.0	20.0
16	12.5	10.5	12.0	12.5	9.0	10.5	18.5	16.5	17.0	22.0	19.0	20.5
17	12.0	9.5	10.5	12.0	10.0	11.0	17.5	16.5	17.0	22.5	17.5	20.5
18	11.0	10.0	10.5	13.5	10.5	12.0	18.5	16.0	16.5	22.5	20.0	21.0
19	11.0	10.5	11.0	14.0	12.0	13.0	18.0	16.5	17.0	22.5	20.5	21.5
20	12.0	10.5	11.0	14.5	13.0	13.5	18.5	16.5	17.5	23.0	21.5	22.0
21	11.0	9.5	10.0	15.0	13.5	14.0	19.5	17.0	18.0	23.0	20.0	21.5
22	13.0	8.5	11.5	15.0	13.5	14.0	20.0	17.5	18.5	23.0	20.5	21.5
23	11.0	8.5	10.0	14.0	13.0	13.5	20.5	17.5	18.5	23.5	20.5	21.5
24	11.5	8.0	10.0	15.5	13.0	14.0	20.5	18.0	19.0	23.5	20.5	21.5
25	11.5	10.0	10.5	15.0	12.5	14.0	21.0	19.0	19.5	23.5	19.0	20.5
26	10.5	8.0	9.0	14.0	13.5	13.5	21.0	19.5	20.5	22.5	20.5	21.0
27	11.0	8.0	9.5	14.0	13.5	13.5	21.0	19.0	19.5	23.5	21.5	22.5
28	11.0	9.5	10.0	14.5	13.5	14.0	19.5	18.0	19.0	23.5	21.5	22.5
29	---	---	---	14.5	13.5	14.0	18.0	17.5	17.5	23.5	22.0	22.5
30	---	---	---	15.0	13.5	14.0	17.5	16.0	16.5	24.5	22.0	23.0
31	---	---	---	15.0	14.0	14.5	---	---	---	24.5	22.5	23.5
MONTH	15.0	8.0	10.9	15.5	8.0	12.1	21.5	14.0	17.6	24.5	14.0	20.1

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.5	22.5	23.0	28.0	26.0	26.5	31.0	29.0	30.0	27.5	25.5	26.5
2	24.5	22.0	23.0	27.5	26.0	26.5	31.0	29.5	30.0	28.0	26.0	27.5
3	24.5	22.5	23.0	28.5	26.0	27.0	30.0	29.0	29.5	28.5	27.0	27.5
4	26.0	23.0	24.5	29.0	27.0	27.5	30.0	29.0	29.5	28.0	26.5	27.5
5	26.0	24.0	24.5	29.5	27.5	28.0	29.5	29.0	29.0	28.0	27.0	27.5
6	26.0	23.5	24.5	29.0	27.5	28.0	30.0	28.5	29.0	28.0	26.5	27.5
7	27.0	23.5	24.5	29.5	27.5	28.0	30.0	29.0	29.5	28.5	27.5	28.0
8	27.0	24.0	25.0	28.5	27.5	28.0	30.0	28.5	29.5	29.0	28.0	28.5
9	26.5	24.0	25.0	29.5	27.0	28.5	30.0	29.0	29.5	28.5	28.0	28.0
10	26.5	24.0	25.0	---	---	---	30.0	29.0	29.5	28.0	27.5	28.0
11	26.5	24.5	25.5	---	---	---	30.5	29.0	29.5	28.5	27.0	28.0
12	27.0	25.5	26.5	---	---	---	31.0	29.5	30.0	28.0	27.0	27.5
13	28.5	26.0	26.5	---	---	---	31.0	30.0	30.5	27.5	26.5	27.0
14	27.5	25.5	26.0	---	---	---	31.0	29.5	30.0	27.5	26.5	27.0
15	26.5	25.0	25.5	27.0	25.0	26.0	30.0	29.0	29.5	27.0	25.0	26.0
16	26.0	25.0	25.5	27.0	26.0	26.5	31.0	29.5	30.0	25.0	24.0	24.5
17	25.5	24.5	25.0	27.0	26.5	27.0	31.0	29.5	30.0	25.0	24.0	24.5
18	26.0	24.5	25.0	27.5	27.0	27.0	31.0	30.0	30.5	25.5	24.5	25.0
19	25.5	24.0	25.0	29.0	27.0	27.5	31.0	30.0	30.5	25.5	24.5	25.0
20	---	---	---	---	---	---	30.0	29.0	29.5	25.0	25.0	25.0
21	23.5	22.5	23.0	---	---	---	29.5	28.5	29.0	25.5	25.0	25.5
22	24.0	22.5	23.0	---	---	---	30.0	29.0	29.5	25.5	24.0	24.5
23	25.0	23.5	24.5	---	---	---	29.5	29.0	29.5	24.5	23.0	23.5
24	25.5	24.5	25.0	---	---	---	29.0	28.5	29.0	24.5	22.5	23.5
25	25.5	24.5	25.0	29.0	28.0	28.5	29.0	28.0	28.5	25.0	23.5	24.0
26	25.5	24.5	25.0	30.5	28.5	29.0	30.0	28.5	29.0	25.0	24.0	24.5
27	26.0	25.0	25.5	29.5	27.5	28.5	30.0	28.5	29.0	25.0	24.5	25.0
28	27.0	24.5	25.5	30.0	28.0	29.0	29.5	28.5	29.0	25.0	24.5	25.0
29	26.5	25.0	26.0	30.5	28.5	29.0	30.0	29.0	29.5	25.5	25.0	25.0
30	27.0	25.0	26.0	30.0	28.0	29.0	29.0	27.5	28.0	25.5	24.0	24.5
31	---	---	---	30.0	28.5	29.5	27.5	26.0	26.5	---	---	---
MONTH	28.5	22.0	24.9	30.5	25.0	27.8	31.0	26.0	29.4	29.0	22.5	26.0
YEAR	31.0	4.5	19.1									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.8	3.4	4.4	---	---	---	9.6	8.1	8.6	12.3	9.9	11.1
2	5.5	4.4	4.9	---	---	---	9.6	7.9	8.6	12.5	10.7	11.6
3	5.8	4.3	5.0	---	---	---	9.8	8.0	8.7	12.1	10.0	11.2
4	5.9	4.1	4.9	---	---	---	9.8	8.2	9.1	12.8	9.7	11.2
5	5.1	3.8	4.4	---	---	---	8.5	7.8	8.2	12.9	8.4	10.1
6	5.3	3.4	4.4	---	---	---	8.6	7.8	8.1	12.7	8.1	10.0
7	4.4	3.0	3.8	---	---	---	9.0	7.9	8.3	11.3	9.7	10.5
8	4.3	3.1	3.7	---	---	---	8.7	7.8	8.1	11.1	9.8	10.3
9	4.6	3.1	3.7	---	---	---	8.9	7.8	8.2	12.0	10.1	10.9
10	5.3	3.1	4.1	---	---	---	9.1	8.1	8.6	11.7	9.8	10.6
11	5.2	3.6	4.4	7.9	7.3	7.5	8.9	8.1	8.6	12.0	9.9	11.0
12	6.9	3.4	5.3	7.7	7.0	7.3	8.9	8.0	8.4	11.8	9.9	10.8
13	6.8	5.4	6.2	7.7	7.1	7.3	9.3	8.3	8.9	11.9	10.4	11.3
14	7.2	5.4	6.2	---	---	---	10.4	8.7	9.4	11.7	10.9	11.4
15	8.0	6.1	7.0	---	---	---	9.9	8.2	9.0	11.5	10.3	11.0
16	7.8	6.9	7.4	---	---	---	9.1	8.3	8.7	11.3	10.2	10.8
17	8.4	6.8	7.6	---	---	---	9.9	8.1	8.9	11.3	10.4	11.0
18	8.2	6.9	7.6	---	---	---	9.8	8.1	8.8	11.2	10.1	10.7
19	7.8	5.9	7.2	---	---	---	11.1	8.2	9.3	10.7	9.9	10.4
20	7.7	5.4	6.4	---	---	---	10.7	9.5	10.0	10.5	9.7	10.2
21	7.4	5.7	6.6	---	---	---	11.3	9.4	10.5	10.7	9.9	10.4
22	8.2	5.3	6.7	---	---	---	10.5	9.3	9.9	10.7	10.1	10.3
23	8.2	6.9	7.5	8.9	7.7	8.4	10.8	9.0	9.7	10.4	9.9	10.1
24	7.4	5.7	6.3	8.7	7.5	8.0	10.7	9.3	9.7	10.2	9.5	9.9
25	---	---	---	8.3	7.5	7.8	11.2	10.3	10.7	9.9	9.3	9.6
26	---	---	---	8.4	7.6	8.0	11.5	9.8	10.7	9.9	9.5	9.7
27	---	---	---	8.8	7.8	8.3	11.3	9.3	10.6	10.2	9.7	10.0
28	---	---	---	9.1	8.5	8.8	11.6	10.1	11.0	10.3	9.8	10.1
29	---	---	---	9.4	8.4	8.9	12.0	9.5	10.7	10.2	9.7	10.0
30	---	---	---	9.8	8.4	9.2	12.0	9.4	11.0	10.0	9.8	9.9
31	---	---	---	---	---	---	11.5	9.5	10.4	10.1	9.8	9.9
MONTH	8.4	3.0	5.7	9.8	7.0	8.1	12.0	7.8	9.3	12.9	8.1	10.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.4	8.9	9.9	10.6	9.6	10.1	9.0	8.6	8.8	8.1	7.5	7.8
2	10.9	9.1	10.1	10.2	9.0	9.6	8.9	7.8	8.5	8.8	7.9	8.5
3	11.4	9.1	10.3	9.6	9.0	9.3	8.8	8.1	8.5	8.4	7.7	8.0
4	10.7	9.6	10.3	9.6	9.0	9.3	9.0	8.2	8.6	8.7	8.0	8.3
5	10.5	9.6	10.1	9.8	9.0	9.5	---	---	---	8.3	7.9	8.2
6	10.4	9.9	10.2	10.3	9.6	9.9	---	---	---	8.3	7.8	8.0
7	10.3	9.7	10.1	10.5	9.6	10.2	8.9	7.7	8.3	8.2	7.8	8.0
8	10.2	9.6	9.9	10.3	9.6	10.0	8.9	8.3	8.7	8.4	7.8	8.1
9	9.8	9.3	9.6	10.3	9.4	9.7	8.9	7.6	8.5	8.2	7.6	7.9
10	9.7	9.3	9.6	10.2	9.5	9.9	8.8	8.0	8.4	8.6	7.7	8.0
11	9.7	9.2	9.5	10.5	9.4	9.9	8.8	7.5	8.4	8.4	7.6	8.0
12	9.7	9.1	9.4	10.5	9.5	10.1	8.7	7.5	8.3	8.4	7.6	7.9
13	9.7	8.9	9.3	10.9	9.8	10.5	8.7	7.9	8.4	8.3	7.5	7.8
14	10.0	9.2	9.6	10.5	9.3	9.9	8.9	7.5	8.4	7.7	7.2	7.4
15	10.2	9.1	9.7	10.5	9.2	9.9	8.6	8.1	8.3	8.2	7.4	7.9
16	10.2	9.1	9.5	10.7	9.5	10.0	8.7	8.2	8.4	8.0	7.3	7.6
17	10.6	9.1	10.1	10.5	9.5	10.0	9.0	8.3	8.5	8.0	7.4	7.7
18	10.5	9.6	10.2	10.7	9.5	10.1	8.8	8.2	8.5	7.9	7.3	7.6
19	10.4	9.8	10.1	10.3	9.4	9.9	8.8	7.8	8.3	7.8	7.1	7.4
20	10.2	9.4	9.9	9.9	8.7	9.5	8.1	7.4	7.8	7.7	7.1	7.4
21	10.6	9.3	9.9	9.5	9.0	9.3	8.8	7.5	8.3	7.7	7.2	7.5
22	10.7	9.1	9.9	9.9	8.6	9.1	9.0	8.2	8.6	7.4	6.9	7.1
23	10.5	9.1	9.8	10.0	8.8	9.2	8.7	7.7	8.4	7.2	6.7	6.9
24	10.7	9.3	9.9	9.0	8.6	8.9	8.4	6.5	7.8	7.6	6.7	7.0
25	10.3	9.3	9.7	8.7	8.3	8.5	8.6	7.7	8.1	7.2	5.6	6.5
26	11.0	9.4	10.3	9.0	8.5	8.8	8.1	7.1	7.6	7.0	5.7	6.5
27	10.8	9.8	10.4	9.0	8.3	8.7	7.9	6.5	7.2	7.3	6.3	6.7
28	10.9	9.8	10.5	8.9	8.2	8.5	7.4	6.5	7.1	7.3	6.4	6.8
29	---	---	---	9.0	8.6	8.9	7.4	6.9	7.2	7.5	6.5	7.0
30	---	---	---	9.2	8.8	9.0	8.1	7.0	7.7	7.5	6.9	7.2
31	---	---	---	9.2	8.7	9.0	---	---	---	7.6	6.8	7.3
MONTH	11.4	8.9	9.9	10.9	8.2	9.5	9.0	6.5	8.2	8.8	5.6	7.5

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	6.8	7.1	7.1	6.3	6.7	6.1	5.3	5.5	7.4	6.5	6.9
2	7.4	6.5	7.0	7.6	6.5	6.9	6.2	5.0	5.5	7.1	6.2	6.5
3	7.3	6.2	6.8	7.1	6.4	6.8	5.9	5.0	5.4	7.3	6.1	6.7
4	7.1	6.3	6.7	7.2	6.4	6.9	6.1	5.0	5.5	8.0	6.5	7.0
5	7.0	6.2	6.7	7.6	6.5	7.0	5.6	4.5	5.1	7.6	6.5	6.9
6	7.0	6.4	6.6	7.0	6.3	6.7	5.4	3.9	4.6	7.5	6.0	6.6
7	7.5	6.4	6.7	7.5	6.4	7.0	5.3	3.4	4.6	6.8	5.8	6.2
8	7.3	6.1	6.7	7.4	6.1	6.9	5.7	3.6	4.8	6.8	5.5	6.1
9	7.2	6.3	6.7	7.4	5.7	6.5	5.7	4.6	5.0	6.0	5.5	5.7
10	6.7	6.0	6.3	7.0	5.7	6.3	5.7	4.7	5.2	6.9	5.6	6.0
11	6.7	6.0	6.3	6.1	4.9	5.6	5.6	3.2	4.5	7.3	5.8	6.4
12	7.1	6.0	6.5	---	---	---	6.7	2.6	4.7	7.5	5.9	6.6
13	7.9	6.1	6.7	---	---	---	6.0	2.7	4.7	6.7	5.7	6.2
14	7.2	6.1	6.5	---	---	---	5.3	2.7	4.0	7.4	5.7	6.3
15	6.6	5.9	6.2	7.4	6.5	6.9	5.8	3.5	4.6	7.0	6.0	6.5
16	6.4	5.7	6.0	7.4	6.1	6.8	6.3	4.7	5.3	7.4	6.6	7.0
17	6.3	5.8	6.1	7.5	6.7	7.0	6.6	4.4	5.3	7.4	6.5	6.9
18	6.9	6.2	6.5	8.0	6.3	7.1	5.6	4.8	5.1	7.3	6.2	6.6
19	7.5	6.4	6.9	7.7	6.2	7.1	5.9	4.6	5.2	7.7	6.1	6.6
20	---	---	---	---	---	---	6.0	5.2	5.6	6.5	6.0	6.3
21	7.7	7.1	7.4	---	---	---	6.3	5.4	5.8	6.5	5.9	6.1
22	7.5	7.1	7.3	---	---	---	6.5	5.4	5.7	7.3	6.0	6.6
23	7.6	7.0	7.3	---	---	---	6.5	5.1	5.6	7.3	6.2	6.7
24	7.5	6.6	7.1	---	---	---	5.7	4.8	5.2	7.7	6.1	6.5
25	7.6	6.4	6.8	---	---	---	5.9	4.8	5.2	7.8	6.5	6.9
26	7.6	6.6	7.1	---	---	---	6.7	5.0	5.6	7.2	5.8	6.7
27	7.5	6.6	7.0	6.5	4.9	5.5	5.8	4.3	5.3	6.4	5.8	6.1
28	7.4	6.1	6.6	6.1	5.1	5.5	6.6	4.7	5.5	5.9	5.4	5.6
29	7.1	6.3	6.7	---	---	---	7.2	5.7	6.4	5.9	5.4	5.6
30	7.0	6.2	6.6	---	---	---	7.5	6.1	6.9	6.4	5.7	6.0
31	---	---	---	5.8	4.9	5.4	7.3	6.6	7.1	---	---	---
MONTH	7.9	5.7	6.7	8.0	4.9	6.6	7.5	2.6	5.3	8.0	5.4	6.4
YEAR	12.9	2.6	7.9									

02161000 BROAD RIVER AT ALSTON, SC

LOCATION.--Lat 34°14'35'', long 81°19'11'', Fairfield County, Hydrologic Unit 03050106, on left bank at Southern Railway Alston-Peak trestle, 1.2 mi downstream from Parr Shoals Dam, and at mile 200.2.

DRAINAGE AREA.--4,790 mi^2.

PERIOD OF RECORD.--October 1896 to December 1907, October 1980 to current year.

REVISED RECORDS.--WRD SC-82-1: 1982(M).

GAGE.--Data collection platform. Datum of gage is 211.91 ft above sea level. Oct. 1, 1896 to Dec. 31, 1907, nonrecording gage at same site at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Records for the 1897-1908 water years are poor. Regulation at low and medium flow by powerplants above station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1630	1730	2600	4510	8500	4690	3410	9910	1840	2450	1790	1130
2	3990	2960	2490	4540	13200	4980	4530	12700	1850	2480	1050	1200
3	2300	4590	2410	3180	20800	2790	5590	8720	1860	1460	1030	819
4	2350	1820	2050	12700	13400	4410	6090	4850	1340	1610	1010	802
5	2470	1300	1840	15800	10100	5060	11100	2840	1950	1580	995	729
6	4000	1140	1830	7320	5980	4850	4200	4080	2210	973	847	737
7	4670	1580	1870	4000	5450	4520	4290	4020	2730	1750	831	840
8	4670	3620	1830	3500	4920	4230	4200	4670	2310	2610	813	962
9	4690	2400	1880	4570	5060	4380	3770	2810	2580	4510	1030	869
10	4670	1930	2090	4530	4700	2190	5010	4330	1370	4550	1040	775
11	4780	1700	3260	4810	5020	4430	4670	3300	1090	4330	731	965
12	5760	3180	3150	4730	5130	4510	3770	3360	1070	1150	687	962
13	4890	2820	3750	4370	4840	4870	3220	3220	1510	1730	797	994
14	2160	2360	e2860	2530	2710	2870	3310	2320	3700	2580	1050	854
15	1100	2670	e3780	3800	3630	4350	3330	1790	2300	2840	895	1060
16	1060	3440	4960	4500	4150	5130	2920	3340	1630	2090	863	820
17	1030	2500	3360	4060	4510	5130	3100	4760	1770	1740	773	988
18	2190	2960	4910	4550	5050	5070	3180	2810	2650	1660	835	838
19	4520	3730	4450	6850	5180	4980	3750	1950	3410	2830	970	703
20	3010	4440	1760	6720	5050	4300	2310	3280	2590	2090	586	723
21	1380	4550	1810	6060	12100	3470	3060	3900	1970	1690	613	697
22	1670	3220	1830	6240	10100	3200	2730	2040	1700	1690	590	779
23	2420	1800	2130	5300	5060	3810	2930	2460	1140	1430	768	1010
24	2310	1830	3410	14800	4920	4210	2260	3180	1480	954	774	839
25	2240	1830	4620	e20400	4980	4260	2350	2190	1620	1430	927	860
26	1390	1750	12400	13300	5010	6540	2960	1870	4210	2380	2450	1010
27	1060	1770	13300	6380	4780	5570	3110	2580	4490	2240	4400	1950
28	1310	1780	3610	5090	4570	4050	3060	1840	e3700	1730	2290	2480
29	1780	2890	2820	5080	---	4350	3840	2150	2460	1230	1270	2110
30	1830	4030	3770	5810	---	4650	7500	2410	3410	1030	1390	1770
31	1770	---	4850	5200	---	3190	---	2140	---	1560	1450	---
TOTAL	85100	78320	111680	205230	188900	135040	119550	115820	67940	64377	35545	31275
MEAN	2745	2611	3603	6620	6746	4356	3985	3736	2265	2077	1147	1042
MAX	5760	4590	13300	20400	20800	6540	11100	12700	4490	4550	4400	2480
MIN	1030	1140	1760	2530	2710	2190	2260	1790	1070	954	586	697
CFSM	.57	.55	.75	1.38	1.41	.91	.83	.78	.47	.43	.24	.22
IN.	.66	.61	.87	1.59	1.47	1.05	.93	.90	.53	.50	.28	.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 1999, BY WATER YEAR (WY)

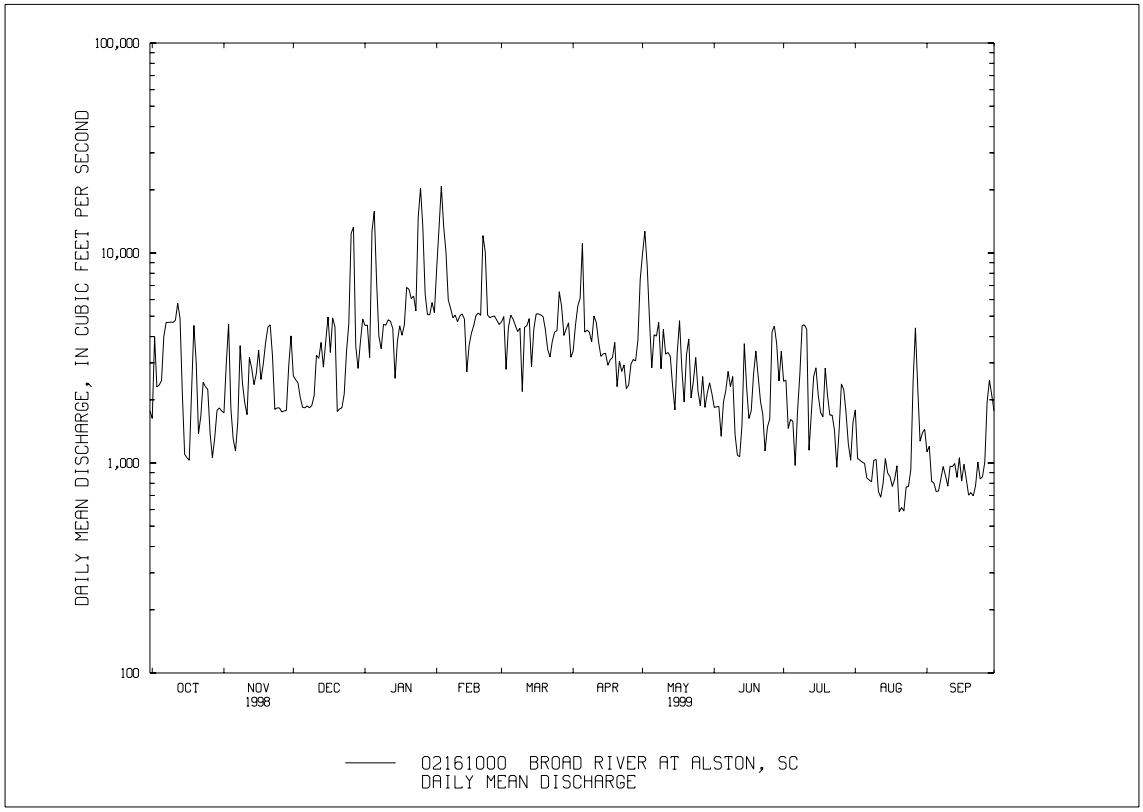
MEAN	4443	4672	7006	8581	10950	11050	8491	5691	5612	3965	5886	3885
MAX	17360	14500	15680	18770	22650	25610	20430	13880	20820	9319	27730	17100
(WY)	1991	1993	1908	1906	1903	1903	1901	1901	1903	1905	1901	1901
MIN	1615	1805	2431	3040	3443	3685	2864	2572	1599	1218	1072	1042
(WY)	1905	1982	1989	1981	1898	1981	1986	1988	1988	1986	1988	1999

02161000 BROAD RIVER AT ALSTON, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1897 - 1999	
ANNUAL TOTAL	2731100		1238777			
ANNUAL MEAN	7482		3394		6643	
HIGHEST ANNUAL MEAN					11750	1903
LOWEST ANNUAL MEAN					3100	1988
HIGHEST DAILY MEAN	59900	Feb 5	20800	Feb 3	130000	Jun 7 1903
LOWEST DAILY MEAN	1030	Oct 17	586	Aug 20	235	Jul 15 1904
ANNUAL SEVEN-DAY MINIMUM	1550	Oct 26	734	Aug 17	734	Aug 17 1999
INSTANTANEOUS PEAK FLOW			29800	Jan 25	* 140000	Jun 7 1903
INSTANTANEOUS PEAK STAGE			13.08	Jan 25	* 29.02	Jun 7 1903
ANNUAL RUNOFF (CFSM)	1.56		.71		1.39	
ANNUAL RUNOFF (INCHES)	21.21		9.62		18.84	
10 PERCENT EXCEEDS	16400		5150		12800	
50 PERCENT EXCEEDS	4440		2810		4410	
90 PERCENT EXCEEDS	1830		968		1830	

* At datum then in use and from rating curve extended above 72,000 ft^3/s.

e Estimated



02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC

LOCATION.--Lat 34°01'38'', long 81°02'31'', Richland County, Hydrologic Unit 03050106, on left bank, 15 ft upstream from culvert opening at North Main Street in Columbia.

DRAINAGE AREA.--5.67 mi^2.

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Datum of gage is 199.10 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, and those below 3.0 ft^3/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	1.9	3.7	2.8	76	3.8	24	e35	2.5	e5.8	e2.8	2.2
2	2.4	2.0	3.7	7.5	12	3.7	5.1	e18	2.4	e5.9	e2.6	2.1
3	2.3	3.5	3.8	49	7.2	3.8	4.4	e8.4	5.0	e4.8	e2.2	2.2
4	2.5	2.0	3.7	4.1	8.0	3.7	4.2	e4.8	2.5	e5.0	e2.3	2.1
5	2.4	1.9	3.8	3.7	5.2	3.7	4.0	e10	2.4	e6.8	e2.3	6.7
6	2.3	1.9	3.8	3.5	4.7	3.7	4.1	e16	2.4	e5.3	e2.8	2.8
7	6.0	1.9	3.8	3.0	4.4	3.5	4.1	e18	2.4	e3.9	e2.3	1.9
8	3.0	1.9	4.0	2.8	4.3	3.4	4.3	e9.5	2.4	e4.4	e2.4	1.8
9	2.2	2.5	3.9	2.8	4.1	10	3.9	e7.5	2.4	e5.7	e2.3	2.0
10	2.1	2.3	3.7	2.8	4.0	3.6	3.7	e5.7	2.4	e6.8	e2.3	1.9
11	2.1	2.3	3.7	2.8	4.0	3.3	3.6	e5.2	2.4	e33	e2.3	1.8
12	2.1	2.2	3.6	2.8	4.8	3.2	3.4	e6.0	2.4	e27	e2.2	1.8
13	2.1	2.4	16	2.8	3.9	3.1	3.4	e12	2.4	e8.4	e2.9	1.7
14	2.0	4.9	2.6	7.6	3.7	55	3.4	e13	3.1	e9.2	e3.8	1.6
15	2.0	16	51	19	3.8	6.3	18	e5.3	10	e6.0	e4.0	30
16	2.0	12	22	3.1	3.9	4.5	3.6	e5.4	e12	e6.4	e13	3.9
17	1.9	3.1	3.4	30	4.1	4.2	3.0	e4.7	e13	e4.7	e3.9	1.6
18	1.9	2.7	2.9	7.2	10	4.0	2.9	e4.6	e7.4	e4.5	e2.0	1.6
19	2.0	2.8	2.8	3.8	18	3.8	2.9	e4.5	e5.8	e4.4	e2.1	1.6
20	2.0	3.0	2.8	3.5	4.4	3.7	3.0	e4.0	e4.5	e4.3	e2.5	21
21	2.0	3.1	2.8	3.8	4.4	30	3.0	e5.3	e4.2	e3.7	e2.3	5.1
22	2.0	3.1	3.4	3.7	3.7	4.7	2.8	e6.0	e3.8	e3.6	e2.0	2.0
23	2.0	3.1	2.8	70	3.6	4.2	2.8	e4.0	e3.6	e5.1	e1.9	1.7
24	1.9	3.2	28	60	4.8	4.0	2.9	e3.7	e7.2	e8.6	e2.0	1.7
25	1.9	3.5	19	8.4	3.8	13	2.8	e3.2	e120	e7.7	2.1	1.7
26	1.9	3.4	5.2	6.1	3.8	14	2.8	2.6	e85	e3.7	100	2.6
27	1.9	3.2	3.5	5.4	3.8	4.7	e25	2.5	e14	e3.5	3.3	33
28	2.0	3.3	3.5	5.1	4.2	4.3	e26	2.5	e14	e3.2	2.7	24
29	1.9	3.4	3.6	5.0	---	4.2	e19	2.4	e8.6	e3.2	2.5	45
30	1.9	3.5	3.4	4.7	---	4.1	e112	2.4	e7.5	e3.5	2.2	2.8
31	1.9	---	3.1	4.5	---	5.7	---	2.4	---	e3.0	2.2	---
TOTAL	69.4	106.0	227.0	341.3	222.6	226.9	308.1	234.6	357.7	211.1	186.2	211.9
MEAN	2.24	3.53	7.32	11.0	7.95	7.32	10.3	7.57	11.9	6.81	6.01	7.06
MAX	6.0	16	51	70	76	55	112	35	120	33	100	45
MIN	1.9	1.9	2.6	2.8	3.6	3.1	2.8	2.4	2.4	3.0	1.9	1.6
CFSM	.39	.62	1.29	1.94	1.40	1.29	1.81	1.33	2.10	1.20	1.06	1.25
IN.	.46	.70	1.49	2.24	1.46	1.49	2.02	1.54	2.35	1.38	1.22	1.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1999, BY WATER YEAR (WY)

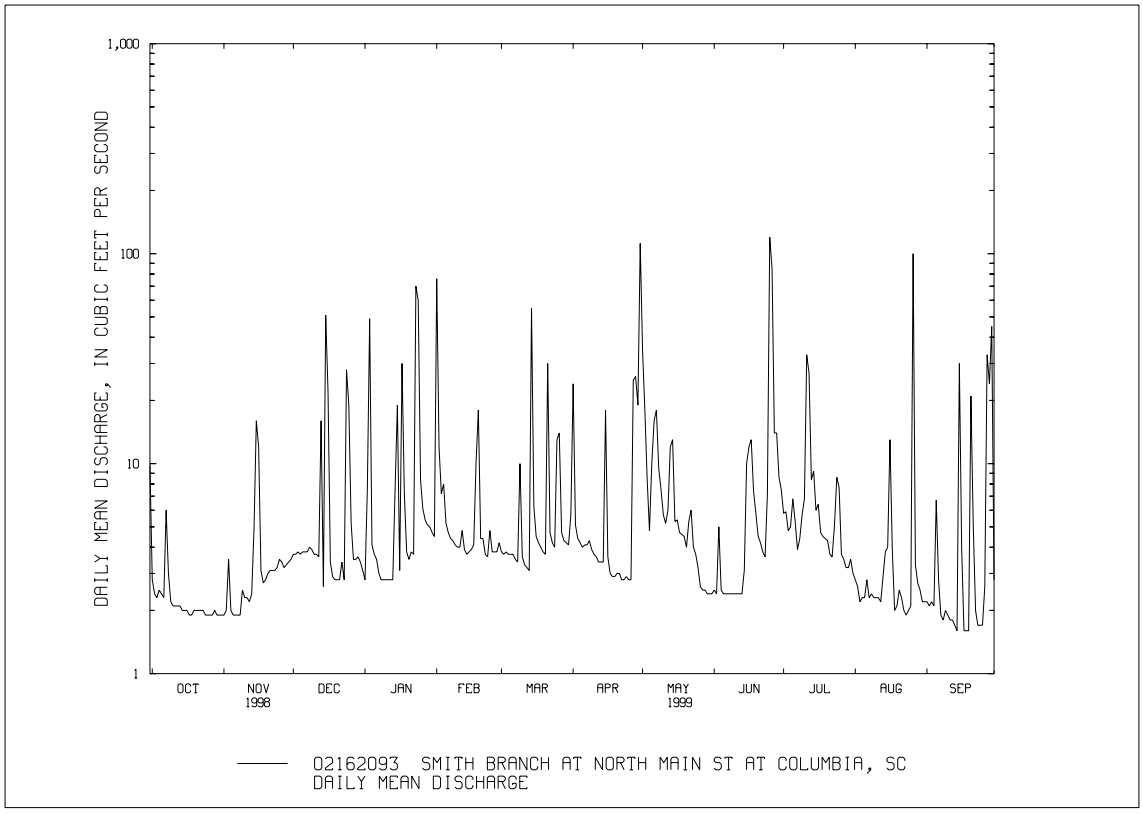
MEAN	7.58	7.17	8.77	12.8	12.1	13.8	9.78	6.89	9.61	10.3	9.39	7.93
MAX	25.7	16.0	25.5	27.6	24.4	29.9	28.0	21.0	34.3	31.3	24.5	19.1
(WY)	1991	1987	1977	1987	1998	1980	1998	1991	1995	1991	1986	1997
MIN	1.80	2.29	2.62	2.79	3.64	3.58	1.94	3.26	2.11	3.17	1.46	1.31
(WY)	1979	1985	1989	1986	1986	1985	1986	1977	1990	1993	1983	1985

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1977 - 1999	
ANNUAL TOTAL	4701.6		2702.8			
ANNUAL MEAN	12.9		7.40		9.81	
HIGHEST ANNUAL MEAN					14.8	1991
LOWEST ANNUAL MEAN					6.44	1990
HIGHEST DAILY MEAN	250	Apr 18	120	Jun 25	335	Jun 11 1995
LOWEST DAILY MEAN	1.4 **	Aug 2	1.6 ***	Sep 14	.82	Jun 18 1986
ANNUAL SEVEN-DAY MINIMUM	1.7	Jul 8	1.8	Sep 8	.92	Jun 17 1986
INSTANTANEOUS PEAK FLOW			1330	Aug 26	2120	Jun 11 1995
INSTANTANEOUS PEAK STAGE			8.31	Aug 26	11.69	Jun 11 1995
INSTANTANEOUS LOW FLOW			1.1	Sep 16	.46	* Aug 1 1980
ANNUAL RUNOFF (CFSM)	2.27		1.31		1.73	
ANNUAL RUNOFF (INCHES)	30.85		17.73		23.52	
10 PERCENT EXCEEDS	22		14		19	
50 PERCENT EXCEEDS	4.0		3.7		3.8	
90 PERCENT EXCEEDS	2.0		2.0		1.8	

* Also occurred Aug. 2, 4, 5, 11-14, 1980.
** Also occurred Aug. 4.
*** Also occurred Sep. 17-19.

e Estimated



02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

LOCATION.--Lat 34°02'00'', long 81°04'09'', Richland County, Hydrologic Unit 03050106, at Diversion Dam, 1.7 mi above confluence of Broad and Saluda Rivers, 3.0 mi northwest of Columbia, and at mile 177.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year. Records for October 1981 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above sea level. Prior to Oct. 1, 1987, at datum 43.02 ft higher.

REMARKS.--Flow is regulated by Parr Shoals Reservoir (see sta. 02160990) and by gates at this station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 62.66 ft, Oct. 15, 1990; minimum gage height, 46.97 ft, Sep. 22, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 57.06 ft, Jan. 25; minimum gage height, 46.97 ft, Sep. 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	52.00	52.77	53.42	54.12	53.45	---	---	---	52.47	---	---
2	52.83	52.19	52.29	53.39	55.28	53.56	---	---	---	52.13	---	---
3	52.81	53.64	52.64	53.14	56.27	52.93	---	---	---	---	---	---
4	52.36	52.56	52.04	54.61	55.71	---	---	53.90	---	---	---	---
5	52.53	---	51.98	55.53	54.79	---	---	52.37	---	52.11	---	---
6	53.24	---	51.98	55.16	54.13	---	---	53.07	---	---	---	---
7	53.64	---	51.82	53.54	53.97	---	---	53.04	---	---	---	---
8	53.86	---	51.88	53.01	53.74	---	---	53.54	---	---	---	---
9	53.81	53.09	51.75	53.47	53.65	---	---	52.74	---	53.36	---	---
10	53.66	51.77	51.88	53.46	53.50	---	---	52.82	---	53.65	---	---
11	53.64	---	52.50	53.48	53.58	---	---	52.79	---	53.48	---	---
12	53.65	---	52.93	53.51	53.63	---	---	52.33	---	---	---	---
13	53.90	52.67	52.91	53.48	53.59	---	---	52.81	---	---	---	---
14	53.20	52.13	53.33	52.69	52.43	---	---	52.26	---	---	---	---
15	51.46	52.33	52.07	52.92	53.12	---	---	51.64	---	52.18	---	51.08
16	51.79	52.96	54.02	53.67	53.31	---	---	52.08	---	---	---	51.37
17	---	53.10	53.48	53.40	53.01	---	---	53.53	---	51.74	---	51.10
18	---	52.20	53.63	53.76	53.55	---	---	52.70	---	52.08	---	51.79
19	53.65	53.32	53.79	54.16	53.62	---	---	52.39	52.74	52.34	---	51.55
20	53.50	53.50	52.52	54.28	53.68	---	---	51.78	52.95	52.35	---	50.94
21	---	53.63	52.17	53.72	54.21	---	---	53.08	53.43	52.05	---	51.26
22	---	53.50	52.23	54.10	54.97	---	---	52.45	52.08	51.93	---	49.50
23	52.42	51.58	51.89	53.71	53.56	---	---	52.80	51.93	52.09	---	50.11
24	52.16	51.45	53.02	55.48	53.57	---	---	52.28	---	---	---	51.62
25	52.32	51.53	53.55	56.45	53.49	---	---	52.68	---	---	---	51.81
26	51.96	51.54	54.31	55.70	53.62	---	---	51.80	54.31	---	---	---
27	---	---	55.72	54.53	53.53	---	---	51.55	53.81	---	53.58	---
28	---	---	53.55	53.74	53.49	---	---	52.60	53.45	---	52.98	---
29	---	---	52.94	53.73	---	---	---	51.99	52.43	---	---	---
30	52.12	53.49	52.93	53.75	---	---	---	52.31	53.43	---	---	---
31	52.20	---	53.57	53.83	---	---	---	---	---	---	---	---
MEAN	52.90	52.58	52.84	53.96	53.90	53.31	---	52.57	53.06	52.43	53.28	51.10
MAX	53.90	53.64	55.72	56.45	56.27	53.56	---	53.90	54.31	53.65	53.58	51.81
MIN	51.46	51.45	51.75	52.69	52.43	52.93	---	51.55	51.93	51.74	52.98	49.50

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC

LOCATION.--Lat 33°59'59'', long 81°03'00'', Richland County, Hydrologic Unit 03050110, on right bank of the diversion canal, approximately 300 ft above Gervais Street Bridge, at South Carolina Electric and Gas hydroelectric power plant on the left bank of Congaree River.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1985 to current year. Records for May 1975 to September 1985 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above sea level.

REMARKS.--Stage regulated by South Carolina Electric and Gas hydroelectric plant operations.

EXTREMES FOR PERIOD OF RECORD.-- Maximum gage height, 54.79 ft, Feb. 25, 1994; minimum gage height, 45.17 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.25 ft, Jul. 9; minimum gage height, 45.36 ft, Sep. 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.37	51.60	51.51	51.03	52.08	51.75	51.41	52.44	51.80	51.50	51.79	---
2	51.57	51.75	51.66	50.97	52.80	51.90	51.90	52.14	51.60	51.44	51.08	---
3	51.56	51.82	51.94	51.61	52.81	51.59	51.88	51.93	51.74	51.67	51.21	---
4	51.28	51.68	51.29	51.80	51.99	51.71	52.43	51.84	51.70	51.68	51.20	---
5	51.71	51.48	51.67	52.38	52.10	51.94	52.53	51.25	52.09	51.87	51.04	---
6	51.82	51.45	51.65	52.07	51.51	51.85	51.69	51.81	51.95	51.34	50.80	---
7	51.17	51.21	51.46	51.26	51.31	51.85	51.73	51.51	51.78	50.89	51.86	---
8	51.22	51.88	51.52	51.50	51.52	51.56	51.68	51.88	51.71	51.73	51.20	---
9	51.05	51.86	51.40	51.17	51.99	51.64	51.54	51.58	51.75	52.02	51.54	---
10	50.78	51.51	51.49	51.14	51.77	51.23	52.08	51.63	51.52	52.02	51.60	---
11	50.75	51.27	51.85	51.15	51.88	52.21	51.82	51.25	50.93	51.56	51.12	---
12	50.75	51.37	51.57	51.19	51.96	51.83	51.63	51.29	51.06	48.92	50.84	---
13	51.22	51.55	51.72	51.14	51.91	51.83	51.48	51.73	51.29	51.50	50.91	---
14	51.54	51.32	51.60	51.59	51.23	51.69	51.27	51.32	52.36	51.76	---	---
15	51.21	51.68	51.51	51.65	52.18	51.88	51.52	51.19	52.33	51.48	---	50.96
16	51.54	51.81	52.51	51.74	51.72	52.16	51.67	51.39	51.33	51.51	---	51.23
17	51.27	51.93	52.12	51.01	51.14	51.79	51.58	51.97	51.44	51.49	---	51.02
18	51.27	51.26	52.29	51.58	51.70	51.73	51.40	51.61	51.48	51.83	51.23	51.66
19	51.78	51.95	52.48	51.54	51.88	51.58	51.65	51.81	51.35	51.87	---	51.50
20	51.52	51.90	51.60	51.36	52.02	51.71	51.39	51.17	52.38	51.56	---	50.84
21	51.24	52.12	51.91	51.30	52.53	51.56	51.89	51.86	53.00	51.62	---	51.17
22	50.85	51.86	51.81	52.25	53.06	52.05	51.40	51.68	51.81	51.72	---	48.45
23	51.59	51.10	51.37	51.91	51.64	52.17	51.75	52.44	51.63	51.88	---	50.27
24	51.14	51.03	52.15	52.55	51.87	52.25	51.37	51.65	51.19	51.02	---	51.47
25	51.34	51.11	51.80	51.89	51.57	51.23	51.62	51.90	51.70	51.22	---	51.75
26	51.37	51.11	52.17	51.46	51.96	51.37	50.95	51.40	52.94	51.65	---	50.94
27	51.09	50.83	53.16	51.80	51.83	52.33	51.53	50.90	51.99	51.69	52.49	51.75
28	50.70	50.68	51.67	51.75	51.79	51.60	51.75	52.15	51.49	51.30	52.09	51.37
29	51.44	50.86	51.72	51.72	---	51.48	51.47	51.64	51.40	51.25	---	51.83
30	51.73	52.10	51.55	51.74	---	51.84	52.37	51.78	52.37	50.97	---	51.87
31	51.85	---	51.25	51.80	---	51.14	---	51.46	---	51.22	---	---
MAX	51.85	52.12	53.16	52.55	53.06	52.33	52.53	52.44	53.00	52.02	52.49	51.87
MIN	50.70	50.68	51.25	50.97	51.14	51.14	50.95	50.90	50.93	48.92	50.80	48.45

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12'', long 82132'16'', Greenville County, Hydrologic Unit 03050109, on right bank, downstream side of bridge at State Road 41, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Elevation of gage is 1,078 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	16	18	26	152	45	253	44	24	25	14	10
2	15	17	18	41	130	42	116	40	24	24	13	9.8
3	15	27	18	120	95	51	88	38	30	24	12	9.4
4	16	19	18	59	80	49	77	36	25	23	12	9.0
5	18	18	18	44	69	47	69	40	24	22	12	9.2
6	17	17	18	39	64	47	64	62	23	22	11	9.8
7	70	16	18	38	61	45	61	65	22	21	11	9.3
8	83	17	21	40	56	43	60	58	21	21	11	8.7
9	27	18	29	39	53	47	58	48	19	20	11	8.4
10	22	22	20	34	59	47	55	43	20	23	11	8.1
11	20	107	19	32	52	45	53	40	20	25	10	7.4
12	19	31	19	31	50	43	50	39	19	29	9.9	7.4
13	18	24	49	30	46	52	48	39	18	25	9.6	7.5
14	17	25	32	33	44	66	48	37	18	22	9.4	7.6
15	17	32	26	54	54	48	55	35	23	21	8.9	7.6
16	17	34	24	39	62	43	49	34	40	20	9.3	7.4
17	17	36	23	38	68	41	46	33	29	19	9.2	7.6
18	17	28	21	69	87	41	44	33	21	19	8.6	8.2
19	17	25	25	53	87	42	43	32	20	18	8.3	8.6
20	16	24	27	46	78	41	44	30	19	19	9.6	8.7
21	16	22	24	42	66	56	42	30	19	20	9.8	9.4
22	16	21	24	39	58	46	40	29	19	19	8.5	11
23	16	21	26	94	50	43	39	29	20	17	8.6	8.6
24	16	20	58	227	48	43	39	28	32	16	63	8.6
25	16	20	54	101	46	42	38	27	90	17	21	8.4
26	16	19	39	77	44	45	39	29	42	15	15	8.4
27	16	19	33	66	43	49	40	28	42	16	16	27
28	16	19	31	59	58	45	40	26	40	17	12	48
29	16	18	31	53	---	43	39	25	31	15	12	18
30	16	18	28	56	---	42	67	24	27	14	11	14
31	16	---	27	55	---	52	---	24	---	14	10	---
TOTAL	652	750	836	1774	1860	1431	1804	1125	821	622	397.7	331.1
MEAN	21.0	25.0	27.0	57.2	66.4	46.2	60.1	36.3	27.4	20.1	12.8	11.0
MAX	83	107	58	227	152	66	253	65	90	29	63	48
MIN	15	16	18	26	43	41	38	24	18	14	8.3	7.4
CFSM	1.00	1.19	1.28	2.73	3.16	2.20	2.86	1.73	1.30	.96	.61	.53
IN.	1.15	1.33	1.48	3.14	3.29	2.53	3.20	1.99	1.45	1.10	.70	.59

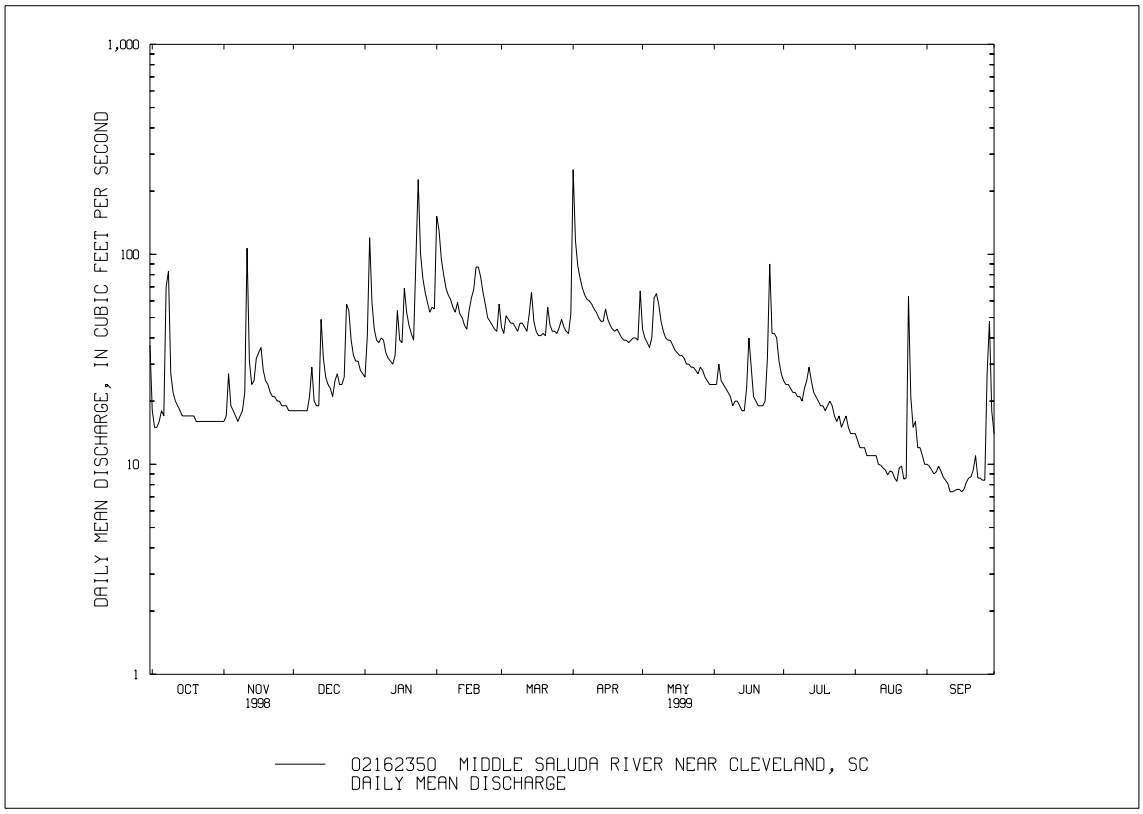
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

MEAN	38.9	47.7	64.7	76.8	82.2	87.8	79.1	65.5	55.1	41.3	44.8	33.0
MAX	94.3	154	129	160	158	180	136	122	106	88.5	143	72.5
(WY)	1990	1993	1984	1998	1990	1990	1993	1984	1992	1989	1994	1994
MIN	13.3	13.6	25.1	19.6	37.4	32.8	34.8	27.3	21.3	18.9	12.8	11.0
(WY)	1994	1982	1989	1981	1989	1988	1986	1986	1988	1981	1999	1999

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1981 - 1999	
ANNUAL TOTAL	26280		12403.8			
ANNUAL MEAN	72.0		34.0		60.2	
HIGHEST ANNUAL MEAN					90.7	1993
LOWEST ANNUAL MEAN					28.3	1981
HIGHEST DAILY MEAN	722	Jan 8	253	Apr 1	1160	Aug 17 1994
LOWEST DAILY MEAN	14 ***	Sep 13	7.4 ****	Sep 11	7.4 ****	Sep 11 1999
ANNUAL SEVEN-DAY MINIMUM	14	Sep 13	7.5	Sep 11	7.5	Sep 11 1999
INSTANTANEOUS PEAK FLOW			520	Apr 1	* 5190	Jun 11 1986
INSTANTANEOUS PEAK STAGE			4.54	Apr 1	11.21	Jun 11 1986
INSTANTANEOUS LOW FLOW			6.9	** Sep 10	6.9	** Sep 10 1999
ANNUAL RUNOFF (CFSM)	3.43		1.62		2.87	
ANNUAL RUNOFF (INCHES)	46.55		21.97		38.93	
10 PERCENT EXCEEDS	148		60		107	
50 PERCENT EXCEEDS	44		26		46	
90 PERCENT EXCEEDS	17		10		19	

* From rating curve extended above 610 ft^3/s, and on basis of contracted-opening measurement of peak flow.
** Also occurred Sep. 11-13, 16, 17.
*** Also occurred Sep. 14-19, 27, 28.
**** Also occurred Sep. 12, 16, 1999.



02162500 SALUDA RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°50'32'', long 82°28'51'', Pickens County, Hydrologic Unit 03050109, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of city hall in Greenville, and at mile 132.0.

DRAINAGE AREA.--295 mi^2.

PERIOD OF RECORD.--January 1942 to September 1978, October 1978 to January 1990 (crest-stage partial record), February 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 797.48 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. About 68 ft^3/s per day is diverted above station for city of Greenville water supply during the water year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930, supplemented by North Saluda Reservoir in 1961. Sewage effluent dicharged into the Reedy River below station near Greenville.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	358	237	238	264	642	483	1210	359	231	262	179	113
2	346	214	223	285	1510	474	1610	360	176	235	179	110
3	296	238	190	885	1030	412	951	330	264	253	164	107
4	287	290	189	838	691	346	801	298	346	294	136	103
5	284	238	244	468	590	481	630	266	242	275	173	100
6	276	234	273	385	523	424	548	336	224	268	149	107
7	279	230	173	374	509	346	531	596	224	241	118	109
8	954	239	201	422	499	429	515	535	224	241	166	100
9	688	239	228	321	502	445	500	504	224	241	159	97
10	346	241	318	430	499	342	489	380	188	224	80	93
11	220	258	253	309	465	342	401	276	170	404	80	87
12	331	470	219	294	435	480	397	340	194	415	82	82
13	244	278	299	321	464	442	432	368	220	441	83	79
14	274	231	348	302	395	342	355	305	219	345	84	79
15	270	415	338	407	304	478	355	295	172	269	85	82
16	235	320	266	343	441	428	431	292	286	272	85	74
17	263	441	299	398	393	445	402	318	500	245	85	67
18	239	301	238	384	645	395	353	333	308	224	74	65
19	260	394	238	503	765	337	354	286	229	224	67	67
20	264	243	285	439	836	337	355	249	225	224	67	70
21	657	253	291	395	683	474	321	249	191	197	68	78
22	470	252	279	308	574	459	273	247	173	264	67	84
23	251	252	281	431	526	439	308	246	183	240	79	83
24	155	260	563	1010	525	415	e430	242	225	217	216	80
25	161	243	670	950	409	314	e400	245	414	213	393	77
26	270	238	523	646	427	455	e350	244	619	213	230	76
27	171	235	354	417	440	440	327	241	308	188	137	101
28	37	231	432	471	456	306	455	241	408	152	144	341
29	36	236	319	484	---	447	440	241	427	163	141	337
30	37	239	328	387	---	444	529	241	324	199	133	244
31	162	---	307	448	---	428	---	237	---	228	120	---
TOTAL	9121	8190	9407	14319	16178	12829	15453	9700	8138	7871	4023	3292
MEAN	294	273	303	462	578	414	515	313	271	254	130	110
MAX	954	470	670	1010	1510	483	1610	596	619	441	393	341
MIN	36	214	173	264	304	306	273	237	170	152	67	65
CFSM	1.00	.93	1.03	1.57	1.96	1.40	1.75	1.06	.92	.86	.44	.37
IN.	1.15	1.03	1.19	1.81	2.04	1.62	1.95	1.22	1.03	.99	.51	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1999, BY WATER YEAR (WY)

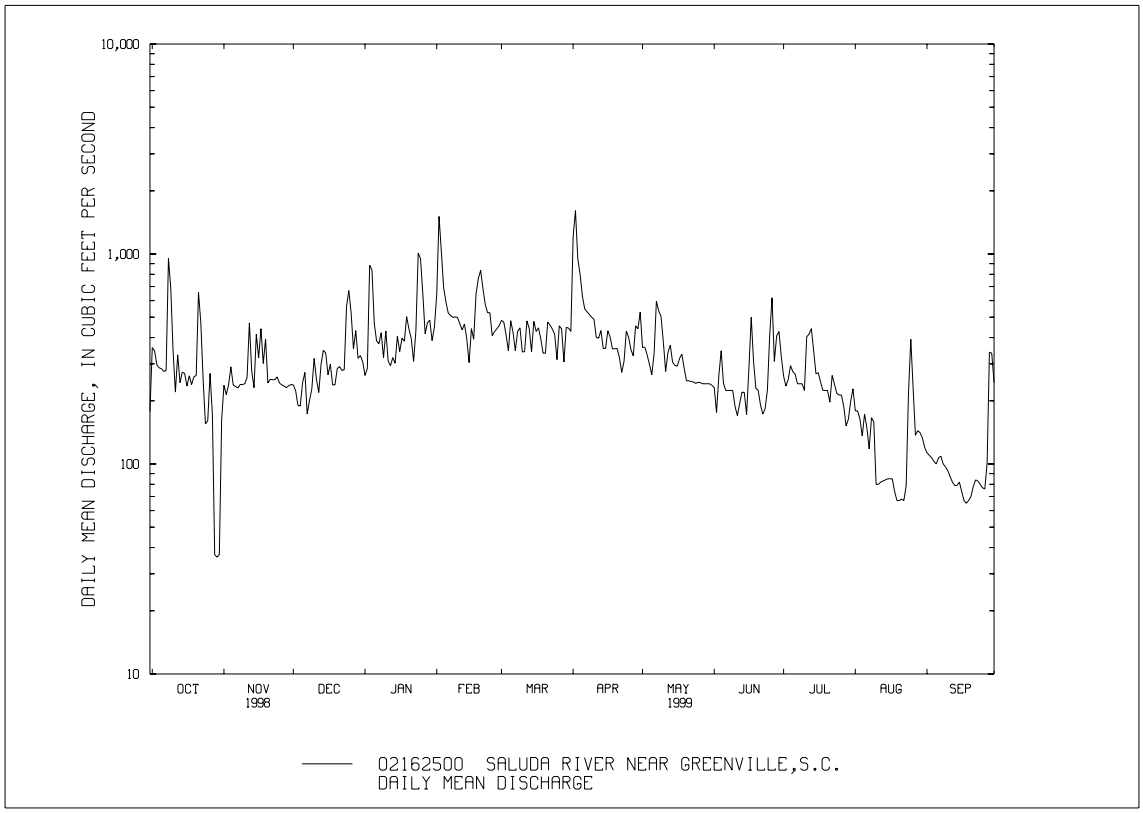
MEAN	472	504	637	789	855	961	897	719	597	484	469	417
MAX	1631	1246	1445	1875	1478	1807	1562	1506	1208	1435	1272	1241
(WY)	1965	1993	1962	1946	1946	1990	1962	1973	1961	1949	1994	1949
MIN	89.8	169	189	158	445	387	405	313	252	206	130	110
(WY)	1955	1955	1956	1956	1959	1955	1967	1999	1956	1970	1999	1999

02162500 SALUDA RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1942 - 1999	
ANNUAL TOTAL	253302		118521			
ANNUAL MEAN	694		325		649	
HIGHEST ANNUAL MEAN					965	1949
LOWEST ANNUAL MEAN					325	1999
HIGHEST DAILY MEAN	6300	Jan 9	1610	Apr 2	8580	Oct 7 1949
LOWEST DAILY MEAN	36	Oct 29	36	Oct 29	36	Oct 29 1998
ANNUAL SEVEN-DAY MINIMUM	124	Oct 24	72	Sep 15	72	Sep 15 1999
INSTANTANEOUS PEAK FLOW			2140	Apr 1	* 11000	Oct 7 1949
INSTANTANEOUS PEAK STAGE			5.38	Apr 1	19.38	Oct 7 1949
INSTANTANEOUS LOW FLOW			27	** Dec 7	11	Apr 18 1996
ANNUAL RUNOFF (CFSM)	2.35		1.10		2.20	
ANNUAL RUNOFF (INCHES)	31.94		14.95		29.90	
10 PERCENT EXCEEDS	1270		511		1140	
50 PERCENT EXCEEDS	470		286		525	
90 PERCENT EXCEEDS	226		100		256	

* From rating curve extended above 7,500 ft^3/s on basis of cumputation of peak flow over dam at Saluda Lake.
** Also occurred Dec. 8.

e Estimated



02162700 MIDDLE BRANCH NEAR EASLEY, SC

LOCATION.--Lat 34°47'16'', long 82°32'04'', Anderson County, Hydrologic Unit 03050109, on downstream side of bridge on S.C. Highway 94, 0.5 mi upstream of Horn Creek, and 4.5 mi southeast of Easley.

DRAINAGE AREA.--6.54 mi^2.

PERIOD OF RECORD.--May 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 856 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	6.5	3.6	1.6	1.5
2	---	---	---	---	---	---	---	---	13	3.5	1.4	1.5
3	---	---	---	---	---	---	---	---	6.9	3.4	1.2	8.7
4	---	---	---	---	---	---	---	---	7.7	7.7	.88	4.1
5	---	---	---	---	---	---	---	---	17	6.5	.96	2.5
6	---	---	---	---	---	---	---	---	8.6	4.5	1.1	3.6
7	---	---	---	---	---	---	---	---	7.1	4.0	1.2	2.2
8	---	---	---	---	---	---	---	---	6.6	3.7	3.5	2.9
9	---	---	---	---	---	---	---	---	9.0	3.5	3.9	2.5
10	---	---	---	---	---	---	---	---	14	3.1	2.7	2.3
11	---	---	---	---	---	---	---	---	9.8	3.1	2.1	1.8
12	---	---	---	---	---	---	---	---	7.4	3.4	2.0	1.4
13	---	---	---	---	---	---	---	---	6.5	3.2	2.2	1.4
14	---	---	---	---	---	---	---	---	5.9	3.1	2.8	1.5
15	---	---	---	---	---	---	---	---	5.8	2.9	8.0	1.6
16	---	---	---	---	---	---	---	---	7.3	2.8	7.1	1.9
17	---	---	---	---	---	---	---	---	6.0	3.5	3.6	1.5
18	---	---	---	---	---	---	---	7.0	5.3	3.6	2.6	1.6
19	---	---	---	---	---	---	---	6.6	15	3.1	2.3	2.7
20	---	---	---	---	---	---	---	6.3	7.9	2.6	2.3	2.7
21	---	---	---	---	---	---	---	6.3	6.6	3.0	2.2	11
22	---	---	---	---	---	---	---	6.4	7.0	2.8	1.9	4.3
23	---	---	---	---	---	---	---	6.4	6.0	2.9	1.8	3.1
24	---	---	---	---	---	---	---	6.4	4.9	1.8	1.8	2.9
25	---	---	---	---	---	---	---	6.5	4.9	3.3	1.6	3.0
26	---	---	---	---	---	---	---	5.6	4.2	2.2	1.4	2.7
27	---	---	---	---	---	---	---	12	4.0	1.9	1.5	2.7
28	---	---	---	---	---	---	---	10	4.1	1.6	1.5	3.0
29	---	---	---	---	---	---	---	8.5	4.3	1.4	1.5	5.7
30	---	---	---	---	---	---	---	8.2	4.0	1.5	1.6	8.3
31	---	---	---	---	---	---	---	7.4	---	1.6	1.6	---
MEAN	---	---	---	---	---	---	---	7.40	7.44	3.19	2.32	3.22
MAX	---	---	---	---	---	---	---	12	17	7.7	8.0	11
MIN	---	---	---	---	---	---	---	5.6	4.0	1.4	.88	1.4

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

MEAN	---	---	---	---	---	---	---	---	7.44	3.19	2.32	3.22
MAX	---	---	---	---	---	---	---	---	7.44	3.19	2.32	3.22
(WY)	---	---	---	---	---	---	---	---	1998	1998	1998	1998
MIN	---	---	---	---	---	---	---	---	7.44	3.19	2.32	3.22
(WY)	---	---	---	---	---	---	---	---	1998	1998	1998	1998

SUMMARY STATISTICS FOR 1998 WATER YEAR

HIGHEST DAILY MEAN	17	Jun	5
LOWEST DAILY MEAN	.88	Aug	4
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug	1
10 PERCENT EXCEEDS	8.2		
50 PERCENT EXCEEDS	3.3		
90 PERCENT EXCEEDS	1.5		

02162700 MIDDLE BRANCH NEAR EASLEY, SC--Continued
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	3.2	4.0	5.9	e75	6.7	e140	9.1	2.9	4.1	2.3	1.3
2	2.9	3.4	3.9	e9.0	36	5.9	18	6.5	4.7	3.9	2.1	1.4
3	2.9	6.6	4.0	e33	17	11	11	5.9	8.8	3.7	2.0	1.2
4	e27	3.6	3.7	12	13	7.3	9.3	5.0	4.2	3.1	1.6	1.1
5	5.9	3.7	3.9	8.7	10	6.3	7.9	8.4	4.5	e13	1.3	1.2
6	4.6	3.9	4.1	8.7	9.4	6.9	7.1	19	3.8	7.7	1.3	1.4
7	e17	4.0	4.1	8.1	9.0	6.3	6.7	26	3.2	4.5	1.2	1.3
8	e62	4.1	5.1	8.3	8.5	5.8	6.1	10	3.3	4.2	1.2	1.1
9	7.4	6.4	5.0	9.1	7.8	8.6	6.2	7.1	2.8	3.2	1.3	1.3
10	5.5	5.1	3.8	7.5	10	7.9	5.3	5.7	6.2	5.8	1.3	1.6
11	4.9	9.2	3.6	7.3	8.2	6.7	5.0	5.9	4.8	5.4	1.3	1.3
12	4.1	4.2	3.5	6.9	8.0	5.9	4.0	6.2	2.9	10	1.2	1.1
13	3.9	3.8	23	6.5	7.7	5.9	3.8	5.8	2.9	5.8	1.2	1.1
14	4.0	7.9	6.2	6.8	7.2	15	4.1	5.4	3.1	4.5	1.2	1.2
15	3.6	10	4.6	13	7.0	8.6	6.7	4.8	3.9	3.5	1.3	1.1
16	3.8	11	5.5	7.2	6.6	6.9	5.0	4.2	30	3.2	1.5	.97
17	3.6	6.4	4.1	8.9	6.9	6.4	4.1	4.0	7.9	3.2	1.3	.85
18	3.7	4.6	3.8	12	13	5.7	4.1	4.1	5.0	3.0	1.1	1.0
19	3.8	4.3	6.1	8.3	29	5.2	4.2	3.9	4.5	2.5	.99	1.1
20	3.9	4.6	6.0	7.5	14	5.0	4.5	3.5	4.4	3.8	1.2	1.3
21	3.9	4.7	6.6	7.3	10	14	4.2	3.5	3.4	4.4	1.4	6.2
22	4.2	4.4	6.6	7.1	8.9	7.8	4.0	3.7	3.2	3.9	1.2	3.4
23	4.0	4.6	12	26	8.3	6.4	3.6	4.0	3.3	2.5	1.3	1.8
24	4.2	4.5	e32	27	7.9	6.0	3.7	3.3	4.7	2.3	11	1.5
25	4.2	4.6	19	12	7.7	6.3	3.8	2.9	27	2.1	3.6	1.1
26	3.9	4.5	10	9.8	7.3	10	4.9	3.7	9.1	1.8	2.6	1.5
27	3.4	4.5	7.6	9.1	7.0	8.2	14	3.4	8.7	2.0	2.4	17
28	3.3	4.2	9.7	8.2	8.2	6.6	8.7	3.1	13	2.1	2.1	7.9
29	3.3	4.1	8.9	7.7	---	6.4	19	3.3	4.8	2.8	1.6	6.0
30	3.0	4.1	6.7	10	---	6.0	35	3.0	4.3	2.7	1.6	4.2
31	3.0	---	6.1	14	---	11	---	2.8	---	2.0	1.4	---
MEAN	7.05	5.14	7.52	10.7	13.2	7.51	12.1	6.04	6.51	4.09	1.87	2.48
MAX	62	11	32	33	75	15	140	26	30	13	11	17
MIN	2.9	3.2	3.5	5.9	6.6	5.0	3.6	2.8	2.8	1.8	.99	.85

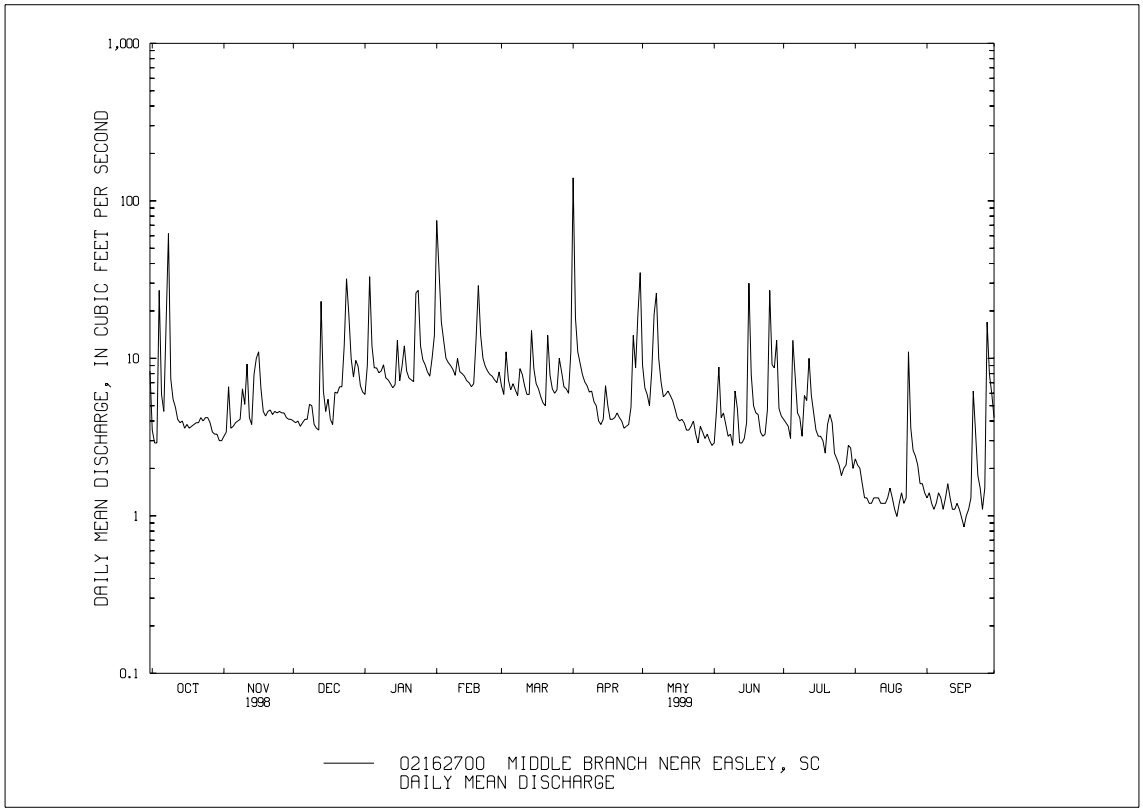
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 1999, BY WATER YEAR (WY)

MEAN	7.05	5.14	7.52	10.7	13.2	7.51	12.1	6.04	6.51	4.09	1.87	2.48
MAX	7.05	5.14	7.52	10.7	13.2	7.51	12.1	6.04	6.51	4.09	1.87	2.48
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	7.05	5.14	7.52	10.7	13.2	7.51	12.1	6.04	6.51	4.09	1.87	2.48
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

02162700 MIDDLE BRANCH NEAR EASLEY, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR	
ANNUAL MEAN	6.97	
HIGHEST DAILY MEAN	140	Apr 1
LOWEST DAILY MEAN	.85	Sep 17
ANNUAL SEVEN-DAY MINIMUM	1.0	Sep 12
INSTANTANEOUS PEAK FLOW	Unknown	Apr 1
INSTANTANEOUS PEAK STAGE	2.54	Apr 1
10 PERCENT EXCEEDS	11	
50 PERCENT EXCEEDS	4.6	
90 PERCENT EXCEEDS	1.4	

e Estimated



02163001 SALUDA RIVER NEAR WILLIAMSTON, SC

LOCATION.--Lat 34°36'47'', long 82°26'34'', Greenville County, Hydrologic Unit 03050109, 1600 ft downstream of Pelzer Mills dam, and approximately 2 mi east of Williamston.

DRAINAGE AREA.--414 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 656 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	297	325	307	408	894	486	1500	573	228	272	227	191
2	302	333	337	431	1700	443	2530	478	194	237	110	194
3	278	354	213	1000	1250	446	1390	441	234	252	166	197
4	534	378	387	1260	832	361	1100	352	342	269	142	200
5	381	373	302	628	599	375	757	343	326	325	50	203
6	303	342	414	411	537	508	663	412	259	436	164	184
7	333	324	354	300	517	395	596	564	251	321	195	171
8	1090	349	276	367	488	404	553	661	186	370	127	175
9	950	358	418	478	486	594	594	546	247	230	143	204
10	581	360	360	348	537	484	541	480	202	232	101	194
11	279	374	434	374	491	435	508	300	236	290	63	147
12	432	468	337	285	421	448	380	362	204	437	56	142
13	721	487	483	382	446	629	491	394	294	331	81	63
14	354	319	554	358	432	475	406	328	219	407	87	91
15	347	496	463	373	338	494	400	378	228	346	106	102
16	155	576	390	485	356	665	402	394	306	292	106	137
17	320	453	410	340	457	541	500	274	531	295	90	133
18	344	521	403	501	438	626	380	343	342	263	129	130
19	344	441	360	433	851	502	382	328	199	245	129	129
20	347	434	398	480	812	497	378	263	261	241	129	130
21	445	336	435	450	705	546	388	269	234	254	73	97
22	636	388	422	376	517	688	361	274	145	262	98	126
23	356	291	404	413	411	476	345	264	237	293	110	128
24	294	281	794	929	420	568	276	186	262	221	180	135
25	278	367	1120	1110	396	454	342	266	362	229	253	139
26	353	359	734	831	315	413	396	273	634	246	157	138
27	318	359	601	452	466	747	343	337	443	226	74	119
28	275	353	510	440	378	504	469	253	303	145	145	208
29	231	353	543	556	---	580	506	320	460	58	155	445
30	228	332	451	474	---	525	877	386	334	190	142	201
31	223	---	412	434	---	695	---	372	---	262	158	---
TOTAL	12329	11484	14026	16107	16490	16004	18754	11414	8703	8477	3946	4853
MEAN	398	383	452	520	589	516	625	368	290	273	127	162
MAX	1090	576	1120	1260	1700	747	2530	661	634	437	253	445
MIN	155	281	213	285	315	361	276	186	145	58	50	63
CFSM	.96	.92	1.09	1.26	1.42	1.25	1.51	.89	.70	.66	.31	.39
IN.	1.11	1.03	1.26	1.45	1.48	1.44	1.69	1.03	.78	.76	.35	.44

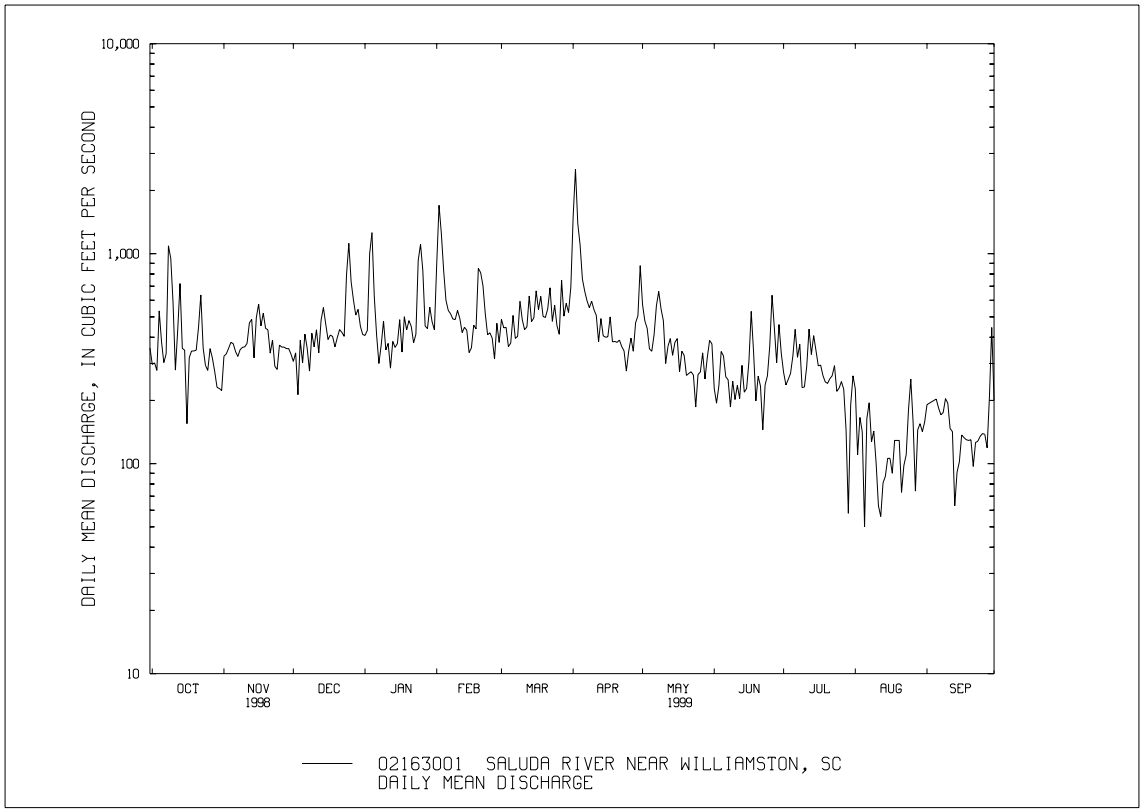
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1999, BY WATER YEAR (WY)

MEAN	700	673	693	1170	1245	1265	1116	849	626	430	566	461
MAX	1156	1324	877	1833	1916	1729	1772	1299	761	548	1464	874
(WY)	1996	1996	1997	1998	1998	1998	1998	1998	1997	1997	1995	1995
MIN	398	383	452	520	589	516	625	368	290	273	127	162
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1995 - 1999	
ANNUAL TOTAL	351715		142587			
ANNUAL MEAN	964		391		782	
HIGHEST ANNUAL MEAN					1026	1998
LOWEST ANNUAL MEAN					391	1999
HIGHEST DAILY MEAN	7410	Jan 9	2530	Apr 2	12000	Aug 28 1995
LOWEST DAILY MEAN	112	Aug 31	50	Aug 5	50	Aug 5 1999
ANNUAL SEVEN-DAY MINIMUM	253	Sep 12	84	Aug 11	84	Aug 11 1999
INSTANTANEOUS PEAK FLOW			3040	Apr 2	Unknown	Aug 27 1995
INSTANTANEOUS PEAK STAGE			9.70	Oct 13	* 21.40	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.33		.94		1.89	
ANNUAL RUNOFF (INCHES)	31.60		12.81		25.67	
10 PERCENT EXCEEDS	1810		600		1420	
50 PERCENT EXCEEDS	581		358		552	
90 PERCENT EXCEEDS	303		142		302	

* From floodmarks.



02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1995 to current year.

PERIOD OF DAILY RECORD.--May 1995 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.0°C, many days in Jul., Aug.; minimum, 3.0°C, Dec. 28-30, 1995, Jan. 12, 13, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, many days in Jul., Aug; minimum, 4.5°C, Jan. 6, 7.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	23.0	23.5	16.0	16.0	16.0	12.0	11.0	11.5	7.5	7.0	7.5
2	23.0	22.5	23.0	16.5	16.0	16.0	11.5	11.0	11.5	7.5	6.5	7.0
3	22.5	21.5	22.0	16.5	16.0	16.0	12.0	11.5	12.0	6.5	6.0	6.5
4	22.0	21.5	22.0	16.5	15.5	16.0	12.0	11.5	12.0	6.0	5.5	6.0
5	22.0	21.5	21.5	15.5	15.0	15.0	12.5	12.0	12.0	6.0	5.0	5.0
6	22.0	21.5	22.0	15.0	14.0	14.5	13.0	12.0	12.5	5.0	4.5	4.5
7	22.0	21.5	21.5	14.0	13.5	14.0	13.5	12.5	13.0	5.0	4.5	4.5
8	21.5	21.5	21.5	13.5	13.0	13.0	14.5	13.5	14.0	6.0	5.0	5.5
9	21.5	20.5	21.0	13.0	12.5	12.5	14.0	13.5	14.0	7.0	6.0	6.5
10	20.5	19.5	20.0	13.0	12.5	12.5	14.0	13.5	13.5	7.0	6.5	6.5
11	20.5	19.0	19.5	13.5	12.5	13.0	13.5	12.5	13.0	6.5	6.0	6.0
12	19.5	19.0	19.5	13.5	13.0	13.5	12.5	11.5	12.0	6.0	5.5	6.0
13	20.0	19.0	19.5	13.5	12.5	13.0	11.5	11.0	11.5	6.5	6.0	6.0
14	20.0	19.5	19.5	12.5	12.5	12.5	11.0	11.0	11.0	7.5	6.0	6.5
15	19.5	19.5	19.5	13.0	12.5	12.5	11.0	10.5	10.5	8.5	7.0	7.5
16	19.5	18.5	19.0	13.5	12.5	13.0	11.0	10.0	10.5	8.0	7.0	7.5
17	19.0	18.5	18.5	14.0	13.5	13.5	10.5	9.5	10.0	7.0	6.5	7.0
18	19.0	18.5	18.5	13.5	13.5	13.5	9.5	9.5	9.5	7.0	6.0	6.5
19	18.5	18.5	18.5	13.5	13.5	13.5	9.5	9.0	9.5	8.0	6.5	7.5
20	18.5	18.5	18.5	13.5	13.0	13.5	9.5	9.0	9.0	8.5	7.5	8.0
21	19.0	18.5	18.5	13.5	13.0	13.0	10.0	9.0	9.5	8.0	7.5	8.0
22	18.5	18.0	18.0	13.0	12.5	12.5	11.0	10.0	10.5	9.0	7.5	8.5
23	18.0	17.0	17.5	12.5	12.0	12.0	11.0	10.5	11.0	10.5	9.0	9.5
24	17.5	16.5	17.0	12.5	12.0	12.0	10.5	8.5	9.5	11.5	10.5	11.5
25	16.5	16.0	16.5	12.5	12.0	12.0	8.5	8.0	8.0	11.0	10.0	10.5
26	16.5	15.5	16.0	12.5	12.0	12.0	8.5	8.0	8.5	11.0	10.0	10.5
27	16.0	15.5	16.0	12.5	12.0	12.0	8.5	8.0	8.0	11.0	10.0	10.5
28	16.0	15.5	15.5	12.0	11.5	12.0	8.0	7.5	7.5	11.5	10.5	11.0
29	16.0	15.5	15.5	11.5	11.0	11.5	7.5	7.5	7.5	11.5	10.5	11.0
30	16.0	15.5	15.5	11.5	11.0	11.5	7.5	7.5	7.5	11.5	11.0	11.5
31	16.0	15.5	16.0	---	---	---	8.0	7.5	7.5	11.0	10.0	10.5
MONTH	24.5	15.5	19.0	16.5	11.0	13.2	14.5	7.5	10.6	11.5	4.5	7.8

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.5	8.5	10.5	9.0	9.5	14.0	13.0	13.5	14.0	13.0	13.5
2	9.5	7.5	8.0	10.5	9.5	10.0	14.0	13.5	14.0	16.0	14.0	15.0
3	9.5	8.5	8.5	10.5	9.5	10.0	15.5	14.0	15.0	17.0	15.0	16.0
4	9.5	8.5	9.0	10.5	9.0	10.0	17.5	15.5	16.5	18.0	16.5	17.0
5	9.5	9.0	9.0	10.0	9.0	9.5	18.5	16.5	17.5	18.0	17.5	17.5
6	9.5	9.0	9.0	10.0	8.5	9.5	18.5	17.0	18.0	18.0	17.5	18.0
7	10.5	9.0	10.0	11.0	9.5	10.0	18.5	17.5	18.0	18.5	18.0	18.0
8	11.5	10.0	11.0	10.0	9.5	10.0	19.0	18.0	18.5	19.0	18.0	18.5
9	12.0	11.0	11.5	9.5	8.0	9.0	19.5	18.5	19.0	20.0	19.0	19.5
10	11.5	11.0	11.5	8.5	7.5	8.0	20.0	18.5	19.5	21.0	19.5	20.0
11	13.0	11.5	12.5	9.0	8.0	8.5	21.5	19.5	20.5	21.5	20.0	20.5
12	13.5	12.0	13.0	10.0	8.0	9.0	23.0	19.5	20.5	22.0	20.5	21.0
13	12.0	10.5	11.5	9.5	8.5	9.0	21.5	19.0	20.0	21.5	20.5	21.0
14	10.5	9.0	9.5	8.5	7.5	8.0	19.5	18.5	19.0	21.0	20.0	20.5
15	9.5	8.0	9.0	8.5	7.0	8.0	18.5	17.5	18.0	21.0	19.5	20.0
16	9.5	8.0	9.0	9.5	8.0	9.0	17.5	16.5	17.0	21.5	20.0	20.5
17	9.5	9.0	9.0	11.0	9.5	10.0	17.0	16.0	16.5	22.0	20.0	21.0
18	10.0	9.0	9.5	12.5	10.0	11.0	17.0	15.5	16.0	21.5	21.0	21.5
19	10.5	9.0	10.0	12.5	11.0	11.5	16.5	15.0	16.0	22.5	21.0	22.0
20	9.0	8.5	9.0	13.0	11.5	12.0	17.0	15.5	16.5	22.5	21.0	22.0
21	9.5	9.0	9.0	13.5	12.5	13.0	18.0	16.5	17.0	23.0	21.5	22.0
22	9.0	8.0	8.0	13.0	12.0	13.0	18.5	17.5	18.0	23.0	22.0	22.5
23	8.0	7.0	7.5	13.5	12.5	13.0	20.0	18.5	19.0	24.0	22.5	23.0
24	8.0	7.0	7.5	14.5	12.5	13.5	21.0	19.5	20.0	24.5	22.5	23.5
25	7.5	7.0	7.5	14.5	13.0	14.0	20.5	20.0	20.0	24.0	23.0	23.5
26	8.5	7.0	7.5	14.0	12.5	13.0	20.0	19.5	20.0	23.0	22.5	23.0
27	8.5	7.5	8.0	13.0	12.0	12.5	20.0	19.0	19.5	23.5	22.0	23.0
28	10.0	8.0	9.0	14.0	12.0	12.5	20.0	18.5	19.0	23.0	22.0	22.5
29	---	---	---	14.0	12.5	13.0	18.5	15.5	17.5	23.0	22.0	22.5
30	---	---	---	14.0	12.5	13.5	16.0	13.5	14.5	23.0	22.5	22.5
31	---	---	---	14.0	13.0	13.5	---	---	---	23.5	23.0	23.0
MONTH	13.5	7.0	9.4	14.5	7.0	10.8	23.0	13.0	17.8	24.5	13.0	20.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	23.0	23.5	28.0	26.0	26.5	30.5	29.0	29.5	27.0	25.0	26.0
2	24.0	23.5	23.5	27.5	27.0	27.0	31.0	29.5	30.0	27.5	25.0	26.0
3	25.5	23.5	24.5	28.0	27.0	27.5	30.5	29.5	30.0	27.5	25.0	26.0
4	26.0	24.5	25.0	29.0	27.0	28.0	30.5	29.0	29.5	27.5	24.5	26.0
5	26.0	24.5	25.0	28.5	27.5	28.0	30.5	28.5	29.5	26.0	25.0	25.5
6	25.5	24.5	25.0	28.0	27.0	27.5	30.0	28.5	29.0	27.0	25.0	25.5
7	26.0	24.5	25.5	27.5	26.5	27.0	29.5	28.5	29.0	27.0	25.0	26.0
8	27.0	25.0	26.0	27.0	25.5	26.5	30.0	28.0	29.0	27.0	25.5	26.0
9	26.5	25.5	26.0	27.5	25.5	26.5	30.0	28.0	28.5	27.5	26.0	26.0
10	27.0	26.0	26.0	28.0	27.0	27.0	30.5	28.5	29.0	27.5	25.0	26.0
11	27.0	26.0	26.5	28.0	27.0	27.5	30.5	28.0	29.0	26.5	24.5	25.0
12	27.5	25.5	26.0	27.0	24.5	25.5	31.0	28.0	29.0	26.5	24.0	25.0
13	26.5	25.0	26.0	24.5	23.5	24.0	30.0	28.5	29.0	26.5	24.0	25.0
14	26.0	25.5	26.0	24.0	23.0	23.5	31.0	28.0	29.0	26.5	24.0	25.0
15	26.5	25.5	26.0	25.0	23.0	24.0	30.5	28.5	29.0	25.0	24.0	25.0
16	26.0	24.5	25.0	25.5	24.0	24.5	30.5	28.0	29.0	26.0	23.0	24.0
17	24.5	23.5	24.0	25.5	25.0	25.0	30.5	28.5	29.5	25.0	22.5	23.5
18	24.0	22.5	23.5	26.5	25.5	26.0	31.0	28.5	29.5	24.5	22.0	23.0
19	24.5	22.5	23.5	28.0	25.5	26.5	31.0	28.5	29.5	24.5	22.0	23.0
20	24.0	23.5	23.5	28.0	26.5	27.0	30.0	28.0	28.5	23.5	22.0	22.5
21	24.5	23.0	23.5	29.0	27.0	27.5	30.0	27.5	28.5	24.0	22.0	22.5
22	24.0	23.5	23.5	29.0	27.5	28.0	29.5	27.0	28.0	23.5	21.5	22.5
23	24.5	23.5	24.0	29.0	28.0	28.5	29.0	27.0	28.0	23.0	21.0	21.5
24	24.0	23.5	24.0	29.5	28.0	28.5	27.5	27.0	27.5	23.5	20.5	21.5
25	24.5	23.5	24.0	30.0	28.5	29.0	27.5	26.5	27.0	23.0	20.5	21.5
26	24.0	23.5	24.0	30.0	28.5	29.0	27.0	26.0	26.5	23.0	21.0	22.0
27	24.5	24.0	24.0	30.0	28.5	29.0	28.0	26.0	27.0	22.5	21.5	21.5
28	26.0	24.5	25.0	30.0	28.5	29.0	29.0	26.5	27.5	22.5	21.5	22.0
29	26.5	25.5	26.0	31.0	28.5	29.0	28.5	27.0	27.5	23.0	22.0	22.5
30	27.5	25.5	26.5	30.5	28.5	29.5	28.5	26.5	27.5	23.5	22.5	23.0
31	---	---	---	30.0	29.0	29.5	27.5	25.5	26.5	---	---	---
MONTH	27.5	22.5	24.8	31.0	23.0	27.1	31.0	25.5	28.6	27.5	20.5	24.0
YEAR	31.0	4.5	17.8									

021630967 GROVE CREEK NEAR PIEDMONT, SC

LOCATION.--Lat 34°40'51'', long 82°25'41'', Greenville County, Hydrologic Unit 03050109, on left downstream bank behind Grove Creek Wastewater Treatment Plant, 10.0 mi south of Greenville and 4.0 mi southeast of Piedmont.

DRAINAGE AREA.--19.1 mi^2.

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Data collection platform. Elevation of gage is 738 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	11	11	16	208	16	149	38	6.4	6.2	6.6	4.0
2	9.2	11	11	18	100	15	41	22	7.1	5.8	7.5	4.6
3	8.7	23	12	170	39	19	28	18	16	5.6	5.5	3.8
4	97	13	11	44	31	17	23	16	9.2	5.4	5.2	3.4
5	24	12	11	28	24	15	20	17	8.1	14	5.1	3.4
6	18	12	11	23	21	16	18	23	7.0	16	4.9	4.3
7	18	11	11	22	20	17	18	33	6.9	72	4.5	4.0
8	25	11	12	21	20	15	18	20	6.0	85	4.4	3.4
9	15	12	14	20	19	19	18	16	5.4	17	4.5	6.0
10	13	13	11	18	28	18	16	14	23	16	4.6	7.5
11	12	17	11	17	20	16	16	13	19	14	4.5	4.0
12	12	13	11	17	19	15	15	14	7.7	18	4.3	3.6
13	12	12	55	16	17	15	14	13	7.5	17	4.0	3.4
14	11	13	25	16	16	23	14	12	6.0	12	3.8	3.3
15	11	27	17	20	16	20	16	12	6.6	11	3.5	3.2
16	11	32	20	16	16	16	15	11	35	10	3.8	2.9
17	11	27	15	17	16	16	13	12	19	9.6	3.7	2.6
18	11	17	14	23	33	15	13	10	8.8	9.1	3.3	2.5
19	11	15	14	18	68	15	13	9.7	6.9	8.8	3.2	2.6
20	12	14	16	17	41	14	13	9.2	6.5	13	3.6	2.9
21	11	13	15	17	27	25	13	9.0	6.5	13	3.6	7.3
22	10	13	14	16	22	19	12	8.8	8.4	8.9	3.2	12
23	10	13	17	52	20	16	12	8.6	6.7	8.0	17	4.4
24	10	14	125	61	19	16	11	9.1	6.7	7.2	34	3.7
25	10	12	54	29	19	15	12	7.7	20	6.9	9.3	3.6
26	11	12	29	23	18	18	12	8.1	21	6.6	6.4	3.5
27	10	12	22	21	17	18	16	8.1	9.4	6.7	5.5	21
28	10	11	21	20	18	15	22	7.6	11	8.2	4.9	23
29	10	11	27	19	---	15	30	7.2	7.4	6.9	4.7	47
30	10	11	19	20	---	15	117	6.9	6.5	6.7	4.5	16
31	11	---	17	23	---	22	---	6.7	---	5.9	4.0	---
TOTAL	467.9	438	673	858	932	526	748	420.7	321.7	450.5	187.6	216.9
MEAN	15.1	14.6	21.7	27.7	33.3	17.0	24.9	13.6	10.7	14.5	6.05	7.23
MAX	97	32	125	170	208	25	149	38	35	85	34	47
MIN	8.7	11	11	16	16	14	11	6.7	5.4	5.4	3.2	2.5
CFSM	.79	.76	1.14	1.45	1.74	.89	1.30	.71	.56	.76	.32	.38
IN.	.91	.85	1.31	1.67	1.81	1.02	1.46	.82	.63	.88	.36	.42

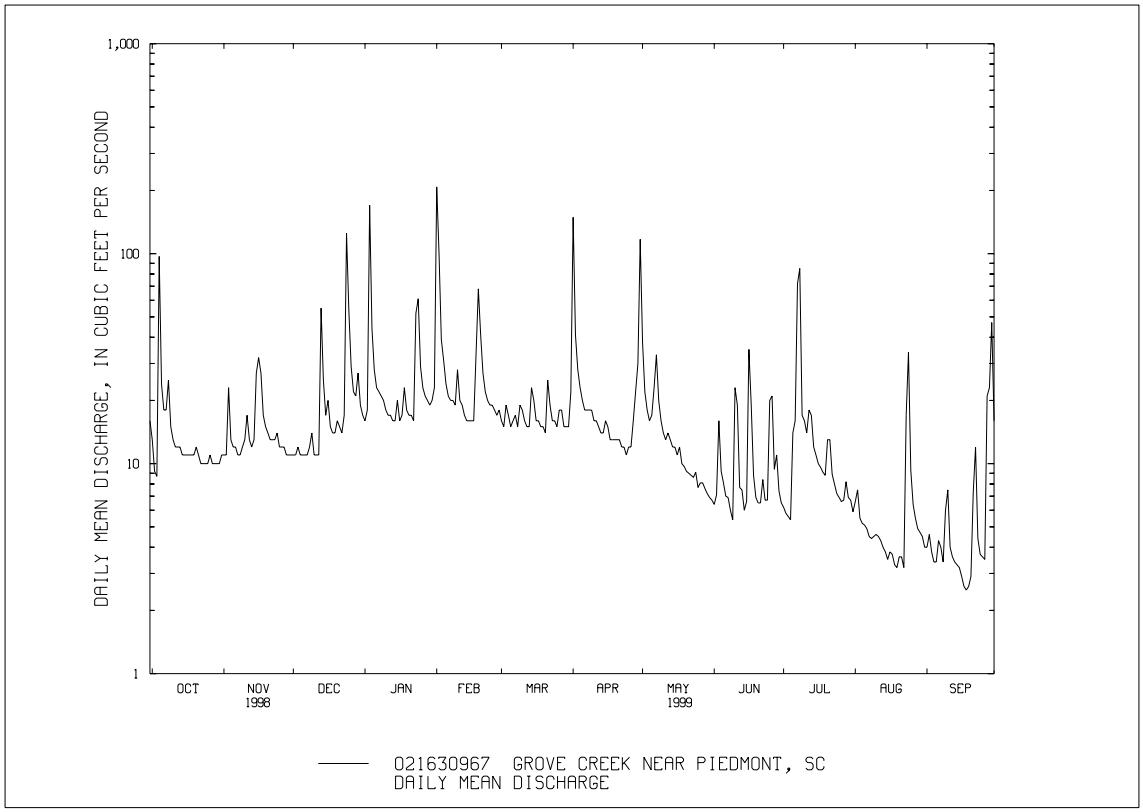
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1999, BY WATER YEAR (WY)

MEAN	18.4	21.8	25.6	46.0	48.3	40.8	35.2	23.5	17.9	14.4	24.2	13.4
MAX	26.6	34.7	31.6	61.6	64.7	61.7	77.5	38.7	28.7	22.9	72.8	21.9
(WY)	1998	1996	1998	1998	1998	1996	1998	1998	1997	1997	1995	1994
MIN	10.7	14.6	18.4	27.7	33.3	17.0	16.6	10.8	10.7	6.90	6.05	7.23
(WY)	1997	1999	1996	1999	1999	1999	1995	1995	1999	1995	1999	1999

021630967 GROVE CREEK NEAR PIEDMONT, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1994 - 1999	
ANNUAL TOTAL	12308.6		6240.3			
ANNUAL MEAN	33.7		17.1		27.2	
HIGHEST ANNUAL MEAN					36.7	1998
LOWEST ANNUAL MEAN					17.1	1999
HIGHEST DAILY MEAN	563	Jan 8	208	Feb 1	1000	Aug 27 1995
LOWEST DAILY MEAN	7.6	Sep 2	2.5	Sep 18	2.5	Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	7.9	Aug 27	2.9	Sep 14	2.9	Sep 14 1999
INSTANTANEOUS PEAK FLOW			394	Feb 1	Unknown	Aug 27 1995
INSTANTANEOUS PEAK STAGE			7.25	Feb 1	* 15.17	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.76		.89		1.42	
ANNUAL RUNOFF (INCHES)	23.95		12.14		19.30	
10 PERCENT EXCEEDS	57		26		41	
50 PERCENT EXCEEDS	20		13		16	
90 PERCENT EXCEEDS	10		4.5		7.7	

* From floodmarks.



02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'30'', long 82°13'25'', Greenwood County, Hydrologic Unit 03050109, on downstream side of US Hwy 25 bridge, 1.4 mi southeast of Ware Shoals, 1.8 mi downstream from Ware Shoals Dam, 5.7 mi upstream from Turkey Creek, and at mile 84.4.

DRAINAGE AREA.--580 mi^2.

PERIOD OF RECORD.--March 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Elevation of gage is 447 ft above sea level (by barometer). Prior to October 1, 1997, at site 0.7 mi downstream at datum 1.0 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	443	133	388	663	1510	786	1370	1350	278	434	232	182
2	433	304	387	e475	3000	636	2810	757	280	488	230	163
3	347	557	308	e800	2300	703	1970	703	354	261	218	157
4	591	354	314	e1950	1660	612	1410	627	444	364	299	91
5	880	341	354	1420	1220	482	1170	588	503	254	193	138
6	589	462	e325	738	741	741	915	598	283	644	233	138
7	249	487	e375	753	872	761	907	690	285	606	190	127
8	843	194	e400	792	842	553	888	864	298	580	177	131
9	1500	503	488	593	822	742	771	833	379	547	172	137
10	783	420	386	671	989	724	695	893	281	435	155	147
11	750	260	480	548	785	540	841	578	278	270	121	166
12	197	555	342	630	777	561	564	522	383	578	104	166
13	613	592	446	488	695	579	792	456	280	623	94	167
14	575	517	772	633	579	847	518	694	284	544	104	161
15	324	420	608	e500	813	792	590	497	262	669	100	126
16	307	871	701	761	556	713	567	488	408	442	98	148
17	141	806	328	588	498	582	550	300	708	287	96	109
18	369	540	522	845	754	802	882	479	543	287	98	93
19	309	532	411	599	1180	718	460	495	520	288	99	80
20	366	543	413	743	1440	538	500	507	387	373	104	85
21	543	484	418	708	1280	433	569	454	328	266	97	81
22	549	377	596	652	1010	756	600	293	258	461	98	105
23	690	495	571	685	851	823	517	297	262	254	94	110
24	382	421	677	1290	893	729	476	458	396	271	115	119
25	158	390	1630	1600	785	567	319	442	361	278	758	126
26	296	350	1350	1360	732	626	524	279	589	406	497	122
27	458	396	957	964	586	730	611	284	1050	265	237	153
28	315	359	494	744	636	573	562	517	508	261	207	316
29	278	364	689	684	---	660	850	365	244	251	223	677
30	131	422	563	911	---	554	1330	416	676	231	209	761
31	121	---	694	798	---	609	---	281	---	225	204	---
TOTAL	14530	13449	17387	25586	28806	20472	25528	17005	12110	12143	5856	5282
MEAN	469	448	561	825	1029	660	851	549	404	392	189	176
MAX	1500	871	1630	1950	3000	847	2810	1350	1050	669	758	761
MIN	121	133	308	475	498	433	319	279	244	225	94	80
CFSM	.81	.77	.97	1.42	1.77	1.14	1.46	.94	.69	.67	.33	.30
IN.	.93	.86	1.11	1.64	1.84	1.31	1.63	1.09	.78	.78	.37	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

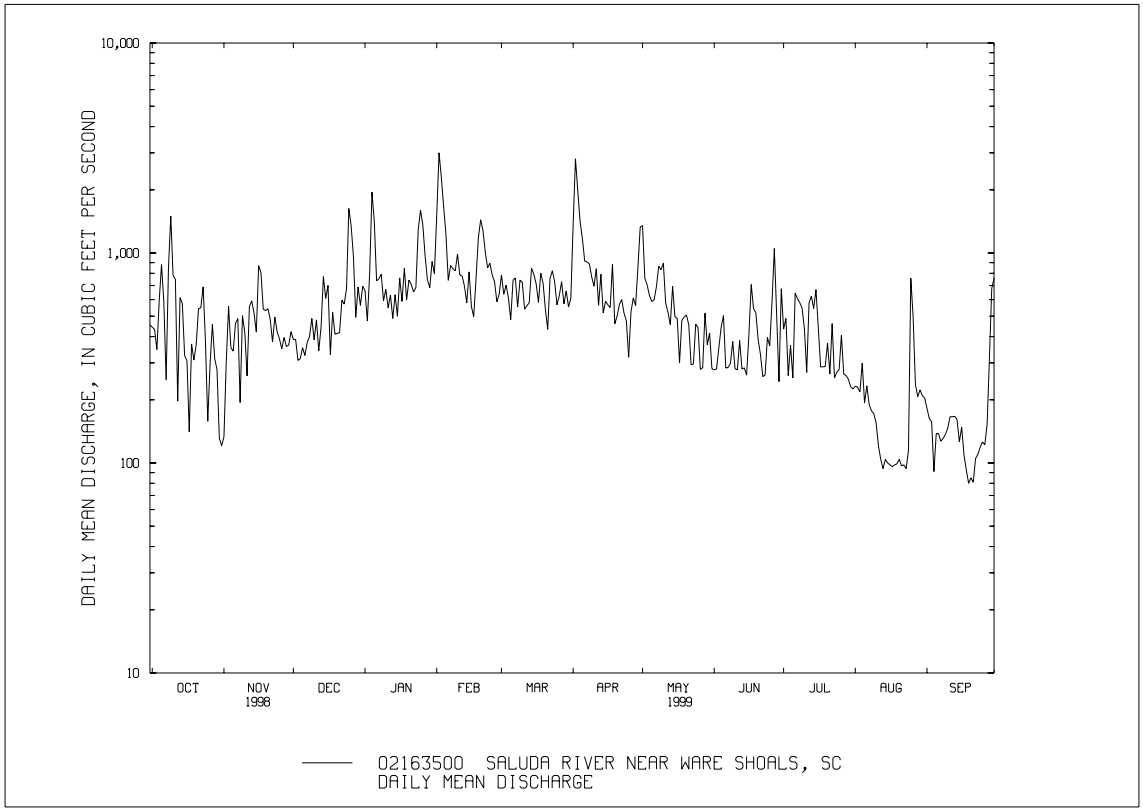
MEAN	673	762	979	1245	1381	1568	1396	1079	869	734	742	605
MAX	2623	2041	2603	2929	2430	3864	3005	2092	1775	1906	1995	1861
(WY)	1965	1949	1962	1946	1990	1952	1964	1973	1979	1949	1995	1949
MIN	149	261	323	310	528	519	473	387	215	151	189	142
(WY)	1955	1982	1956	1956	1989	1988	1986	1988	1988	1986	1999	1981

02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1939 - 1999	
ANNUAL TOTAL	449038		198154			
ANNUAL MEAN	1230		543		1001	
HIGHEST ANNUAL MEAN					1569	1949
LOWEST ANNUAL MEAN					438	1988
HIGHEST DAILY MEAN	8490	Mar 9	3000	Feb 2	16100	Aug 27 1995
LOWEST DAILY MEAN	121	Oct 31	80	Sep 19	11	* Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	247	Oct 26	95	Sep 17	61	Jul 28 1986
INSTANTANEOUS PEAK FLOW			3500	Feb 2	20900	Aug 27 1995
INSTANTANEOUS PEAK STAGE			8.27	Feb 2	22.95	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.12		.93		1.72	
ANNUAL RUNOFF (INCHES)	28.75		12.69		23.42	
10 PERCENT EXCEEDS	2390		875		1800	
50 PERCENT EXCEEDS	783		497		753	
90 PERCENT EXCEEDS	336		148		334	

* Also occurred Oct. 19, 1941.

e Estimated



02164000 REEDY RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°48'00'', long 82°21'55'', Greenville County, Hydrologic Unit 03050109, on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mi upstream from Brushy Creek, 2.5 mi upstream from dam at Conestee, 3.9 mi southeast of City Hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 mi^2.

PERIOD OF RECORD.--November 1941 to September 1971, June 1987 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.-Data collection platform. Elevation of gage is 800 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	18	25	49	306	39	525	69	17	28	15	12
2	23	19	25	202	187	36	139	44	32	29	14	11
3	19	69	24	220	90	71	83	37	146	29	14	12
4	265	26	24	95	72	45	67	33	39	28	14	11
5	45	24	24	65	59	37	60	51	27	26	11	e10
6	33	21	25	53	53	40	54	83	23	e200	12	e13
7	128	19	26	49	50	36	51	123	21	e140	11	e12
8	428	19	29	51	48	35	48	62	19	e95	11	11
9	68	27	32	53	45	57	46	43	18	31	12	11
10	39	30	27	45	47	46	43	36	e20	46	e11	10
11	31	72	25	42	43	38	41	32	e50	40	10	8.4
12	29	31	25	41	41	36	40	35	26	55	12	7.8
13	27	26	207	38	39	35	38	32	21	35	12	11
14	27	49	57	40	37	82	37	33	19	27	19	11
15	26	95	39	76	36	51	55	30	22	27	16	12
16	25	83	58	45	37	41	40	28	187	24	12	9.0
17	27	52	36	56	41	38	36	27	85	22	16	6.7
18	21	33	33	80	93	36	35	28	37	21	9.0	7.0
19	20	30	52	52	166	35	35	27	29	21	5.3	6.1
20	21	28	55	45	93	34	35	25	27	20	9.6	6.6
21	19	27	52	41	61	121	34	24	26	98	13	22
22	26	26	43	41	51	62	33	24	25	73	11	23
23	19	26	73	142	48	46	31	23	26	29	125	9.6
24	18	25	340	138	44	41	31	22	29	23	126	6.7
25	18	28	146	70	42	41	31	20	159	21	30	5.9
26	18	26	78	53	39	62	33	29	43	22	20	6.1
27	18	23	60	48	38	53	e45	25	40	34	19	175
28	18	23	68	43	46	42	e115	20	56	21	15	184
29	18	24	65	42	---	41	90	19	34	28	18	111
30	18	24	50	57	---	37	233	17	30	21	17	38
31	18	---	46	61	---	68	---	17	---	16	14	---
TOTAL	1543	1023	1869	2133	1952	1482	2184	1118	1333	1330	653.9	779.9
MEAN	49.8	34.1	60.3	68.8	69.7	47.8	72.8	36.1	44.4	42.9	21.1	26.0
MAX	428	95	340	220	306	121	525	123	187	200	126	184
MIN	18	18	24	38	36	34	31	17	17	16	5.3	5.9
CFSM	1.02	.70	1.24	1.42	1.43	.98	1.50	.74	.91	.88	.43	.53
IN.	1.18	.78	1.43	1.63	1.49	1.13	1.67	.86	1.02	1.02	.50	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1999, BY WATER YEAR (WY)

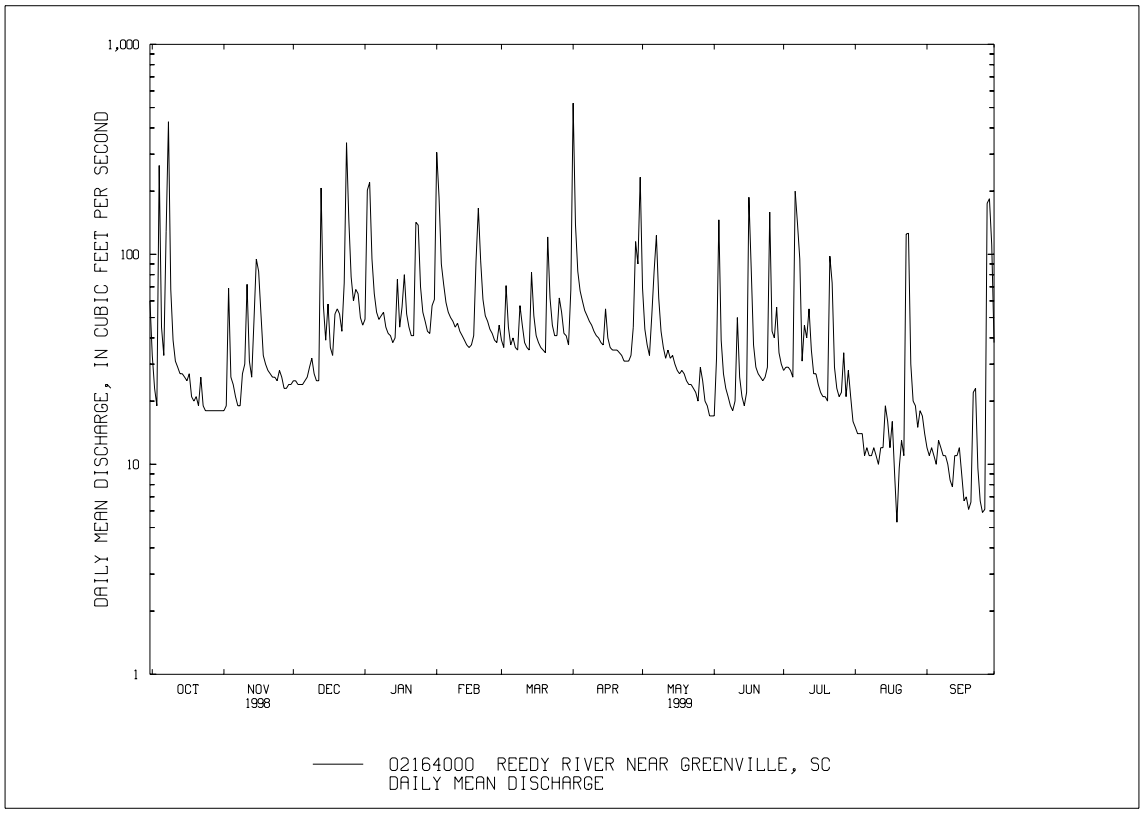
MEAN	61.0	63.8	79.0	101	119	130	110	76.1	64.6	61.3	61.9	54.7
MAX	255	204	233	216	234	350	290	167	140	140	227	155
(WY)	1950	1949	1962	1946	1961	1952	1964	1991	1968	1968	1995	1949
MIN	13.4	23.9	29.2	28.0	54.9	47.8	50.2	27.2	20.5	25.3	17.5	14.1
(WY)	1955	1955	1956	1956	1988	1999	1942	1988	1988	1954	1954	1954

02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1942 - 1999	
ANNUAL TOTAL	34023		17400.8			
ANNUAL MEAN	93.2		47.7		82.3	
HIGHEST ANNUAL MEAN					118	1949
LOWEST ANNUAL MEAN					43.1	1988
HIGHEST DAILY MEAN	1690	Jan 8	525	Apr 1	4120	Aug 27 1995
LOWEST DAILY MEAN	15 **	Sep 18	5.3	Aug 19	5.3	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	16	Sep 14	8.3	Sep 14	8.3	Sep 14 1999
INSTANTANEOUS PEAK FLOW			1180	Apr 1	* 5400	Aug 27 1995
INSTANTANEOUS PEAK STAGE			4.70	Apr 1	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW			3.3	Aug 5	3.3	Aug 5 1999
ANNUAL RUNOFF (CFSM)	1.92		.98		1.69	
ANNUAL RUNOFF (INCHES)	26.04		13.32		23.02	
10 PERCENT EXCEEDS	178		90		139	
50 PERCENT EXCEEDS	57		33		52	
90 PERCENT EXCEEDS	20		12		26	

* From rating curve extended above 3,000 ft^3/s.
** Also occurred on Sep. 19, 20.

e Estimated



02164110 REEDY RIVER ABOVE FORK SHOALS, SC

LOCATION.--Lat 34°39'09'', long 82°17'52'', Greenville County, Hydrologic Unit 03050109, at State Road 418 bridge, 0.66 mi southwest of intersection of Road 418 and Road 146, and 2.2 mi north of Fork Shoals and at mile 36.1.

DRAINAGE AREA.--104 mi^2.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 645 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	148	85	96	146	869	157	1060	342	109	139	110	101
2	100	86	99	148	840	155	476	193	110	134	102	98
3	91	178	101	995	361	191	258	166	264	128	99	96
4	801	116	100	391	279	198	212	159	200	122	99	94
5	258	98	98	246	222	160	190	152	140	128	99	92
6	166	96	97	201	202	163	178	237	134	572	97	101
7	144	91	98	185	191	165	178	326	129	265	94	100
8	740	91	100	181	184	159	175	241	123	488	91	101
9	246	92	111	179	177	171	170	169	119	185	91	121
10	145	107	105	167	192	188	163	155	124	177	93	115
11	131	165	108	156	171	161	155	152	160	197	94	102
12	118	122	110	159	168	156	148	151	128	183	93	97
13	111	103	470	154	166	152	143	149	123	192	92	92
14	106	100	251	155	149	199	142	147	122	146	93	94
15	103	290	140	209	148	203	151	143	130	137	94	104
16	100	226	168	169	151	167	155	139	289	134	94	93
17	98	244	133	154	152	161	138	135	390	128	100	91
18	96	130	121	240	298	159	135	132	167	125	98	88
19	94	116	117	190	412	154	133	133	135	123	92	85
20	96	113	170	168	380	150	138	130	128	124	89	84
21	94	107	148	161	220	234	137	126	127	123	91	106
22	92	103	136	161	189	242	133	126	128	294	89	138
23	92	102	140	336	175	171	131	125	128	142	88	105
24	91	104	876	563	170	162	132	123	127	127	450	102
25	89	104	519	263	165	159	133	120	254	127	184	100
26	87	107	244	209	161	162	131	121	324	123	128	98
27	86	98	186	188	155	193	132	124	151	121	116	202
28	87	97	166	178	160	162	286	122	200	122	110	375
29	88	96	228	168	---	158	212	119	157	128	108	608
30	88	95	167	172	---	158	840	116	145	132	107	327
31	88	---	154	217	---	175	---	113	---	117	104	---
TOTAL	4874	3662	5757	7209	7107	5345	6765	4886	4965	5383	3489	4110
MEAN	157	122	186	233	254	172	226	158	166	174	113	137
MAX	801	290	876	995	869	242	1060	342	390	572	450	608
MIN	86	85	96	146	148	150	131	113	109	117	88	84
CFSM	1.51	1.17	1.79	2.24	2.44	1.66	2.17	1.52	1.59	1.67	1.08	1.32
IN.	1.74	1.31	2.06	2.58	2.54	1.91	2.42	1.75	1.78	1.93	1.25	1.47

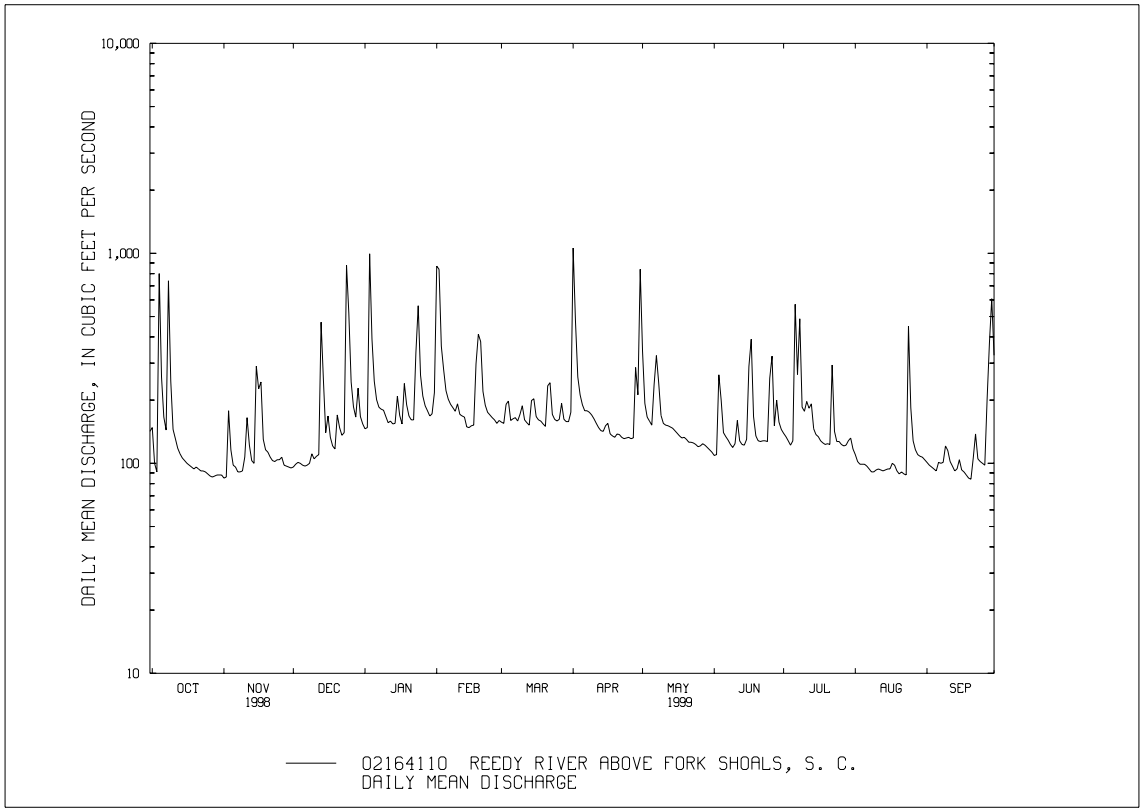
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1999, BY WATER YEAR (WY)

MEAN	175	177	202	311	336	299	264	192	200	164	235	147
MAX	271	311	247	464	530	408	546	318	275	247	501	187
(WY)	1996	1996	1995	1998	1998	1998	1998	1998	1994	1994	1995	1994
MIN	89.9	122	153	204	236	172	176	132	143	101	105	121
(WY)	1994	1999	1994	1994	1994	1999	1995	1994	1996	1995	1997	1997

02164110 REEDY RIVER ABOVE FORK SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1994 - 1999	
ANNUAL TOTAL	100995		63552			
ANNUAL MEAN	277		174		225	
HIGHEST ANNUAL MEAN					295	1998
LOWEST ANNUAL MEAN					174	1999
HIGHEST DAILY MEAN	2910	Feb 4	1060	Apr 1	6260	Aug 27 1995
LOWEST DAILY MEAN	85	Sep 20	84	Sep 20	64	Oct 2 1995
ANNUAL SEVEN-DAY MINIMUM	87	Oct 27	87	Oct 27	72	Sep 27 1995
INSTANTANEOUS PEAK FLOW			1850	Apr 1	8200	Aug 27 1995
INSTANTANEOUS PEAK STAGE			11.37	Apr 1	21.77	Aug 27 1995
INSTANTANEOUS LOW FLOW			81	* Nov 1	63	Oct 1 1995
ANNUAL RUNOFF (CFSM)	2.66		1.67		2.16	
ANNUAL RUNOFF (INCHES)	36.13		22.73		29.35	
10 PERCENT EXCEEDS	521		260		350	
50 PERCENT EXCEEDS	187		139		156	
90 PERCENT EXCEEDS	96		94		96	

* Also occurred Sep. 19, 20.



02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'10'', Laurens County, Hydrologic Unit 03050109, on downstream side of State Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 mi^2.

PERIOD OF RECORD.--April 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area.

GAGE.--Data collection platform. Datum of gage is 453.86 ft above sea level. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e120	200	228	252	550	301	311	1240	70	189	63	80
2	200	172	196	257	1660	294	1270	538	127	122	118	83
3	199	214	160	569	1180	281	617	330	143	127	131	130
4	198	257	225	1190	735	280	390	228	224	185	63	147
5	658	262	251	595	510	293	262	222	202	126	64	76
6	383	256	196	491	471	327	256	218	135	185	65	80
7	270	232	184	398	416	294	250	337	132	386	66	151
8	266	210	221	328	356	262	220	374	188	316	68	145
9	801	210	208	325	331	276	204	340	136	426	70	65
10	382	180	207	296	329	294	205	254	67	263	72	72
11	174	200	191	262	479	292	212	204	128	137	78	78
12	196	258	180	262	443	285	181	200	189	200	88	81
13	226	252	254	259	290	263	212	195	186	202	93	82
14	184	251	477	256	300	281	208	201	166	137	98	84
15	107	254	453	257	294	377	206	201	160	114	99	155
16	150	354	319	284	268	375	203	196	189	164	100	153
17	198	526	264	310	269	308	203	191	309	163	101	77
18	198	469	221	322	306	277	203	133	280	163	102	79
19	197	307	199	316	525	242	203	80	204	149	104	80
20	197	262	205	304	762	239	201	120	192	147	107	82
21	205	225	274	289	667	262	201	183	123	98	106	86
22	198	199	271	272	480	282	192	175	65	130	106	89
23	236	239	236	420	343	421	188	179	122	165	118	92
24	205	217	372	615	340	371	190	187	189	188	155	95
25	175	187	997	733	337	245	189	189	191	132	490	97
26	146	208	726	535	322	206	188	159	278	117	306	100
27	221	208	532	358	301	213	192	78	277	168	176	163
28	185	208	377	312	299	221	200	130	206	129	96	152
29	136	196	289	307	---	215	320	188	141	63	97	419
30	184	202	287	307	---	207	616	187	143	128	126	568
31	265	---	289	280	---	242	---	129	---	126	89	---
TOTAL	7460	7415	9489	11961	13563	8726	8493	7586	5162	5345	3615	3841
MEAN	241	247	306	386	484	281	283	245	172	172	117	128
MAX	801	526	997	1190	1660	421	1270	1240	309	426	490	568
MIN	107	172	160	252	268	206	181	78	65	63	63	65
CFSM	1.02	1.05	1.30	1.63	2.05	1.19	1.20	1.04	.73	.73	.49	.54
IN.	1.18	1.17	1.50	1.89	2.14	1.38	1.34	1.20	.81	.84	.57	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

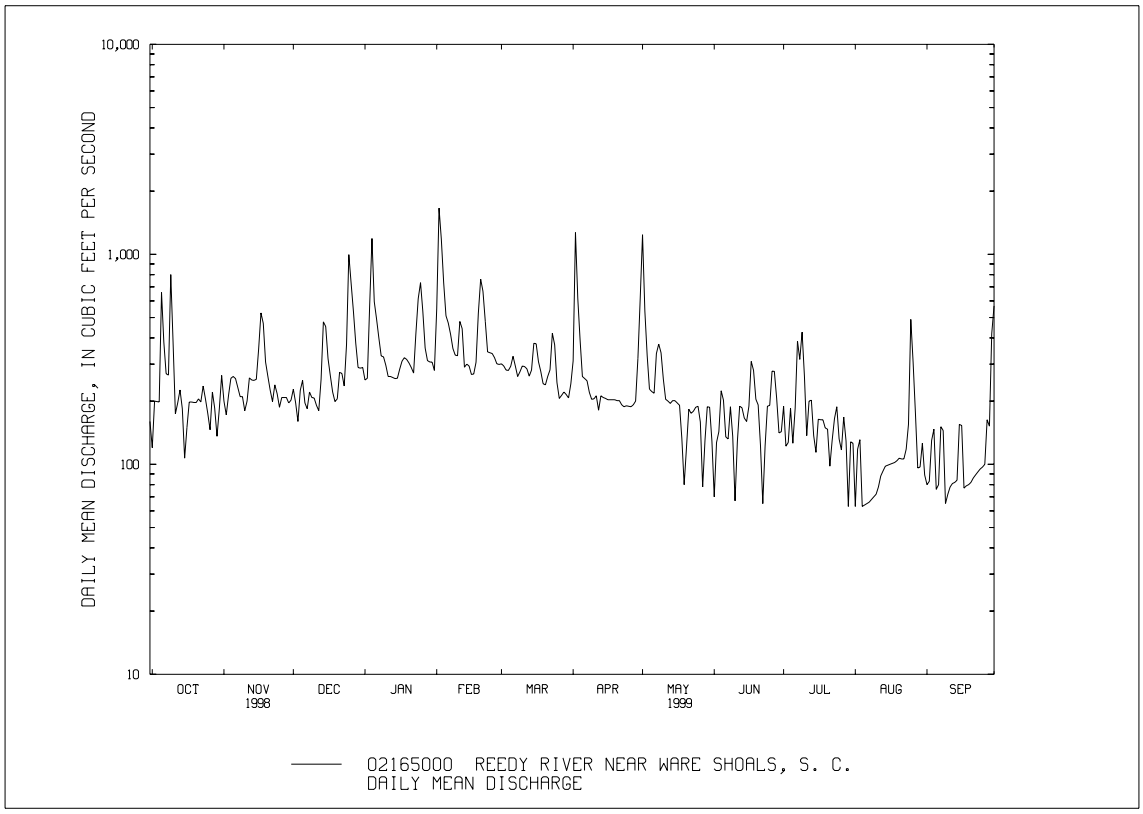
MEAN	248	279	342	467	530	600	483	350	279	244	256	209
MAX	837	746	851	1002	983	1324	1249	825	728	652	824	692
(WY)	1965	1949	1962	1943	1998	1952	1964	1979	1972	1968	1995	1975
MIN	40.7	83.4	109	118	144	217	183	100	96.9	71.7	61.2	45.6
(WY)	1955	1942	1956	1956	1941	1955	1986	1941	1988	1986	1954	1954

02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1939 - 1999	
ANNUAL TOTAL	186043		92656			
ANNUAL MEAN	510		254		357	
HIGHEST ANNUAL MEAN					570	1998
LOWEST ANNUAL MEAN					171	1941
HIGHEST DAILY MEAN	4650	Mar 9	1660	Feb 2	8800	Mar 7 1963
LOWEST DAILY MEAN	68	Sep 10	63 **	Jul 29	4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	123	Sep 9	67	Aug 4	20	Oct 15 1951
INSTANTANEOUS PEAK FLOW			1900	Feb 2	* 11000	Sep 14 1973
INSTANTANEOUS PEAK STAGE			8.26	Feb 2	18.71	Aug 28 1995
INSTANTANEOUS LOW FLOW			60	Sep 1	2.7	Jul 6 1967
ANNUAL RUNOFF (CFSM)	2.16		1.08		1.51	
ANNUAL RUNOFF (INCHES)	29.33		14.61		20.55	
10 PERCENT EXCEEDS	994		423		634	
50 PERCENT EXCEEDS	320		206		263	
90 PERCENT EXCEEDS	162		96		96	

* At site and datum then in use.
** Also occurred Aug. 1, 4.

e Estimated



02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

LOCATION.--Lat 34°31'12'', long 82°09'26'', Laurens County, Hydrologic Unit 03050109, at left bank, 125 ft upstream from U.S. Highway 76, 2.5 mi upstream from North Rabon Creek and 7.0 mi southwest of Gray Court.

DRAINAGE AREA.--29.5 mi^2.

PERIOD OF RECORD.--January 1967 to September 1981, May 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 547.37 ft above sea level. Prior to May 1990, at datum 1.00 ft higher.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	12	15	21	105	27	56	138	12	12	7.0	5.2
2	14	12	15	21	221	25	75	64	12	12	6.3	4.9
3	13	16	15	106	103	29	49	41	13	11	5.8	4.7
4	22	17	15	92	63	30	38	33	23	11	5.2	4.4
5	57	16	15	51	48	28	33	29	20	10	4.9	4.4
6	32	15	15	36	40	27	30	32	16	11	4.7	4.6
7	27	14	15	30	36	26	28	34	14	11	4.4	4.6
8	34	14	15	28	33	25	32	38	13	16	4.2	4.4
9	25	14	16	27	30	27	35	31	12	16	4.0	5.2
10	19	14	16	25	38	30	29	26	12	14	4.0	5.9
11	17	14	15	23	39	29	27	23	13	14	3.9	8.1
12	16	14	15	22	34	27	25	22	12	15	3.7	7.0
13	14	14	17	21	30	25	23	22	12	16	3.6	5.8
14	14	15	23	21	28	34	22	21	11	15	3.5	5.3
15	13	21	22	22	26	43	23	20	11	14	3.4	4.8
16	13	24	24	22	25	38	23	19	16	13	3.3	4.2
17	13	32	22	22	25	33	22	18	19	12	3.2	3.8
18	13	27	20	26	44	30	21	18	18	11	3.2	3.7
19	13	21	18	27	58	28	21	18	15	10	3.1	3.6
20	12	19	18	25	65	27	21	17	13	10	3.5	3.6
21	13	17	17	23	50	28	20	16	12	9.8	4.9	4.3
22	12	16	17	22	40	30	20	16	12	9.3	4.4	5.9
23	12	15	18	27	34	28	19	15	12	8.6	3.9	6.3
24	12	15	34	81	32	27	19	15	12	8.3	9.1	5.9
25	12	15	88	69	30	26	20	14	21	7.5	35	5.5
26	12	15	53	44	29	27	20	14	23	6.9	21	5.3
27	12	15	35	35	28	27	20	14	20	6.5	13	5.7
28	12	15	28	31	28	25	23	13	18	6.2	9.8	8.3
29	12	14	27	28	---	24	28	13	15	7.1	7.8	11
30	12	14	26	27	---	24	137	13	14	8.9	6.6	10
31	12	---	23	28	---	26	---	12	---	7.6	5.7	---
TOTAL	530	496	712	1083	1362	880	959	819	446	340.7	206.1	166.4
MEAN	17.1	16.5	23.0	34.9	48.6	28.4	32.0	26.4	14.9	11.0	6.65	5.55
MAX	57	32	88	106	221	43	137	138	23	16	35	11
MIN	12	12	15	21	25	24	19	12	11	6.2	3.1	3.6
CFSM	.58	.56	.78	1.18	1.65	.96	1.08	.90	.50	.37	.23	.19
IN.	.67	.63	.90	1.37	1.72	1.11	1.21	1.03	.56	.43	.26	.21

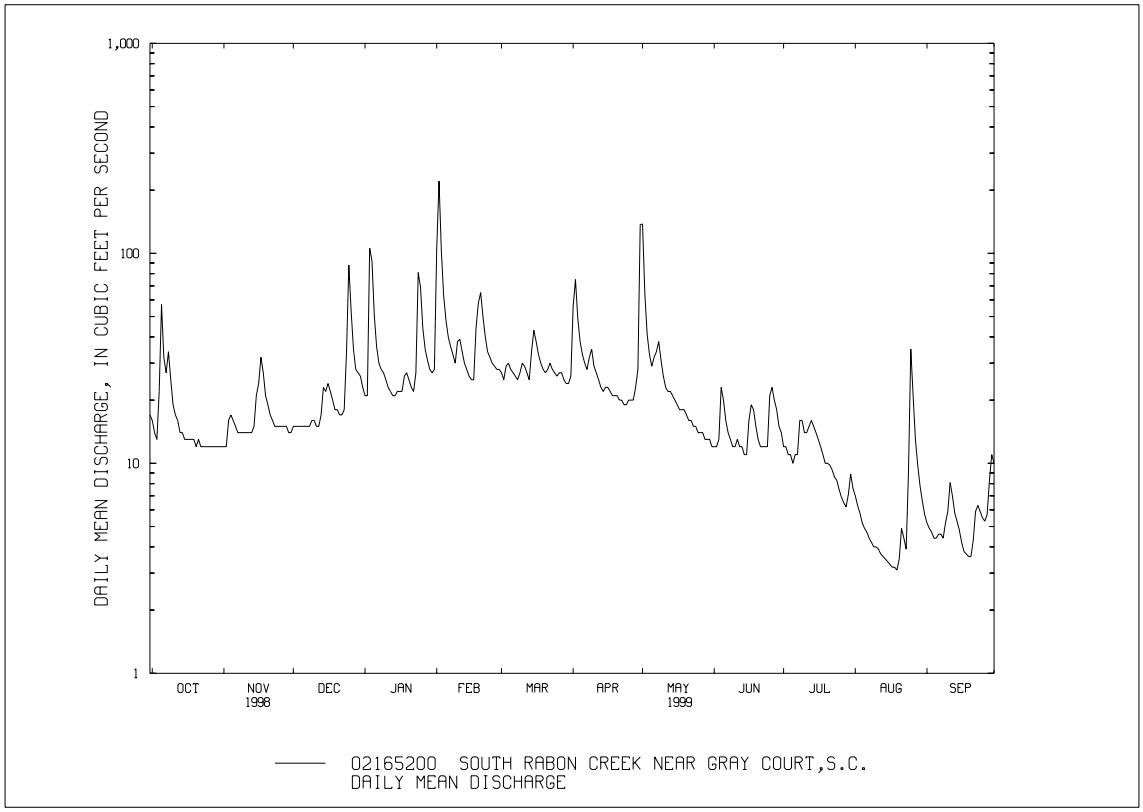
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1999, BY WATER YEAR (WY)

MEAN	26.0	32.0	39.5	60.4	55.9	67.0	51.7	39.7	30.3	23.1	23.5	21.2
MAX	62.9	79.0	99.2	99.5	103	137	146	77.8	70.2	66.8	100	121
(WY)	1977	1993	1973	1972	1998	1975	1998	1975	1972	1997	1995	1973
MIN	10.5	12.4	16.9	18.8	32.9	28.4	24.5	16.9	11.8	10.1	6.65	5.55
(WY)	1979	1979	1979	1981	1978	1999	1981	1981	1970	1992	1999	1999

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1967 - 1999	
ANNUAL TOTAL	18955		8000.2			
ANNUAL MEAN	51.9		21.9		39.4	
HIGHEST ANNUAL MEAN					62.2	1973
LOWEST ANNUAL MEAN					21.6	1981
HIGHEST DAILY MEAN	873	Apr 17	221	Feb 2	2520	Sep 14 1973
LOWEST DAILY MEAN	10	** Sep 1	3.1	Aug 19	3.1	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	11	Aug 27	3.3	Aug 14	3.3	Aug 14 1999
INSTANTANEOUS PEAK FLOW			289	Feb 2	* 4100	Sep 14 1973
INSTANTANEOUS PEAK STAGE			2.69	Feb 2	* 9.86	Sep 14 1973
ANNUAL RUNOFF (CFSM)	1.76		.74		1.34	
ANNUAL RUNOFF (INCHES)	23.90		10.09		18.16	
10 PERCENT EXCEEDS	100		35		61	
50 PERCENT EXCEEDS	29		17		27	
90 PERCENT EXCEEDS	13		5.3		12	

* At datum then in use.
** Also occurred Sep. 2.



02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC

LOCATION.--Lat 34°10'08'', long 81°54'30'', Newberry County, Hydrologic Unit 03050109, at upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi^2.

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft^3 between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) sea level. Dead storage is about 3,500,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft sea level. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir levels were first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 439.35 ft, Jul. 13, 15; minimum elevation, 434.54 ft, Jan. 30, 31.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	436.99	436.87	437.08	436.92	434.86	436.40	438.19	439.05	438.76	439.01	438.76	437.69
2	436.98	436.87	437.09	436.96	435.30	436.40	438.47	438.92	438.72	439.02	438.68	437.67
3	436.98	436.93	437.07	436.97	435.43	436.45	438.52	439.03	438.79	438.98	438.62	437.65
4	437.04	436.94	437.07	437.03	435.22	436.44	438.47	439.06	438.79	438.97	438.56	437.61
5	437.16	436.97	437.10	436.84	434.87	436.45	438.44	439.06	438.83	438.96	438.48	437.57
6	437.07	437.00	437.05	436.58	434.78	436.59	438.47	439.05	438.81	439.04	438.42	437.56
7	437.02	437.04	437.09	436.36	434.94	436.66	438.52	439.04	438.79	439.06	438.34	437.52
8	437.11	436.99	437.13	436.22	434.97	436.72	438.65	439.08	438.79	439.07	438.29	437.51
9	437.17	437.05	437.15	436.20	434.99	436.86	438.69	439.09	438.78	439.11	438.22	437.55
10	437.03	437.03	437.12	436.15	435.04	436.90	438.66	439.10	438.75	439.15	438.17	437.51
11	436.98	437.06	437.13	436.05	435.12	436.98	438.77	439.03	438.71	439.17	438.12	437.49
12	436.92	437.09	437.11	435.99	435.17	437.06	438.82	439.03	438.71	439.28	438.07	437.45
13	436.96	437.15	437.13	435.91	435.16	437.09	438.89	439.06	438.69	439.28	438.02	437.43
14	437.05	437.15	437.15	435.90	435.19	437.17	438.89	439.08	438.71	439.30	438.00	437.38
15	437.02	437.09	437.15	435.78	435.32	437.19	439.05	439.02	438.74	439.35	437.94	437.30
16	436.99	437.18	437.14	435.74	435.38	437.33	439.00	439.04	438.89	439.34	437.90	437.24
17	436.95	437.13	437.09	435.60	435.47	437.42	439.01	439.01	438.97	439.30	437.88	437.19
18	436.96	437.06	437.08	435.37	435.66	437.48	439.04	439.01	439.03	439.26	437.86	437.15
19	436.96	437.07	437.13	435.32	435.81	437.49	438.98	439.02	439.05	439.25	437.75	437.10
20	436.96	437.16	437.13	435.35	435.94	437.55	438.99	439.02	439.07	439.14	437.77	437.13
21	437.01	437.16	437.05	435.30	435.98	437.67	439.01	438.98	439.05	439.03	437.76	437.11
22	437.03	437.15	437.09	435.05	435.85	437.70	439.03	438.96	439.00	439.01	437.71	437.08
23	437.09	437.18	437.17	435.07	435.79	437.75	439.05	438.93	438.98	438.98	437.67	437.04
24	437.10	437.13	437.14	435.15	435.85	437.80	439.04	438.95	438.99	438.98	437.70	437.01
25	437.05	437.04	437.26	435.13	435.97	437.86	439.04	438.93	439.01	438.99	437.91	437.00
26	437.03	437.04	437.26	435.02	436.10	437.88	439.05	438.92	439.11	438.99	437.95	436.99
27	437.06	437.06	437.16	434.76	436.16	437.85	439.11	438.85	439.07	438.97	437.92	437.03
28	437.07	437.05	437.03	434.67	436.26	437.89	439.09	438.85	438.92	438.89	437.87	437.09
29	437.00	437.05	437.12	434.55	---	437.96	439.21	438.86	438.92	438.91	437.83	437.26
30	436.93	437.06	437.06	434.58	---	438.07	439.19	438.83	438.99	438.85	437.75	437.32
31	436.91	---	436.97	434.55	---	438.11	---	438.80	---	438.81	437.73	---
MAX	437.17	437.18	437.26	437.03	436.26	438.11	439.21	439.10	439.11	439.35	438.76	437.69
MIN	436.91	436.87	436.97	434.55	434.78	436.40	438.19	438.80	438.69	438.81	437.67	436.99
(+)	6.23	6.30	6.26	5.18	5.94	6.77	7.27	7.09	7.18	7.09	6.60	6.41
(*)	-18.7	+27.0	-14.9	-403	+314	+310	+193	-67.2	+347	-33.6	-183	-73.3

CAL YR 1998 * -8.88 MAX 439.93 MIN 436.10
WTR YR 1999 * +4.12 MAX 439.35 MIN 434.55

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS, SC

LOCATION.--Lat 34°10'10'', long 81°54'10'', Newberry County, Hydrologic Unit 03050109, on left wingwall at downstream side of gated spillway, 200 ft below dam, on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE.--1,170 mi^2.

PERIOD OF RECORD.--October 1996 to current year. Gage-height records only are available for the period of May 1977 to September 1996.

GAGE.--Data collection platform. Datum of gage is 370 ft above sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	826	508	603	1260	2980	610	1790	3790	548	536	570	285
2	574	513	625	1270	4660	959	2630	2430	549	562	570	285
3	550	520	626	2170	4110	1150	2530	809	550	549	568	284
4	544	498	613	2850	3930	1170	2450	936	532	548	565	283
5	912	481	617	3120	3880	764	1840	1230	521	541	565	282
6	1580	530	607	2790	1910	587	1310	1280	518	528	564	280
7	864	539	589	2240	1060	707	1230	1310	516	1200	564	280
8	1300	544	585	1940	1230	603	766	1300	516	871	535	279
9	1860	529	583	1290	1300	831	1090	1310	516	826	488	279
10	2020	522	834	1310	1250	931	1240	1270	514	517	462	278
11	1240	530	606	1310	1200	617	794	1250	514	514	462	278
12	722	549	607	1300	1200	620	626	962	513	527	345	277
13	540	570	836	1290	1280	766	665	581	513	1120	284	276
14	541	1110	1090	1020	872	1710	830	995	513	612	285	418
15	543	1110	1380	e1640	633	1590	631	953	514	597	283	631
16	545	1160	1150	1330	787	719	879	601	569	593	282	286
17	525	1900	984	2060	622	687	633	707	598	588	280	287
18	511	1470	780	2500	624	1080	1060	695	546	587	282	287
19	507	886	561	1340	1640	1120	986	563	526	494	280	277
20	503	575	548	1140	2150	648	837	619	518	1050	283	265
21	515	578	1110	1360	2110	597	748	776	517	910	283	271
22	520	610	852	2090	2290	959	730	624	515	694	282	273
23	529	612	637	1750	1730	1160	737	581	515	530	281	272
24	547	1070	1680	2290	1080	1170	596	689	515	526	279	273
25	563	945	2270	2750	764	808	605	606	517	515	395	272
26	536	615	2340	2680	611	1030	807	588	522	512	501	271
27	521	630	2250	2690	749	1280	582	678	1860	511	587	271
28	519	636	1810	1710	610	840	1030	576	1600	705	504	273
29	655	617	658	1720	---	610	1200	557	537	572	502	275
30	642	592	1270	1360	---	383	2980	656	545	574	453	860
31	516	---	1560	1390	---	953	---	550	---	572	261	---
MEAN	751	732	1008	1837	1688	892	1161	983	608	645	414	314
MAX	2020	1900	2340	3120	4660	1710	2980	3790	1860	1200	587	860
MIN	503	481	548	1020	610	383	582	550	513	494	261	265
MED	545	585	780	1710	1240	831	858	707	518	572	453	278

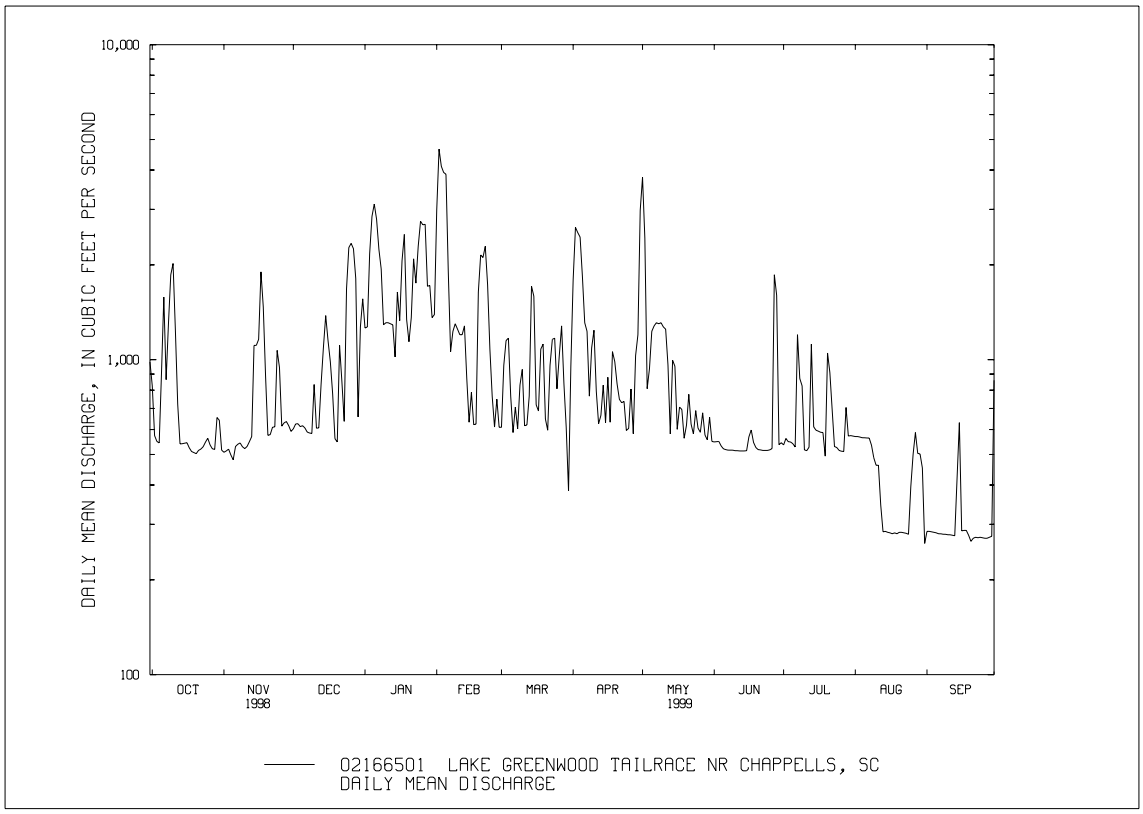
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1999, BY WATER YEAR (WY)

MEAN	1008	1084	1700	2789	3191	2676	2659	1972	1203	924	658	735
MAX	1175	1544	2139	3948	5071	3898	4972	3070	1512	1410	799	1055
(WY)	1998	1998	1998	1998	1998	1998	1998	1998	1997	1997	1997	1998
MIN	751	732	1008	1837	1688	892	1161	983	608	645	414	314
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1997 - 1999	
ANNUAL MEAN	2269		915		1708	
HIGHEST ANNUAL MEAN					2468	1998
LOWEST ANNUAL MEAN					915	1999
HIGHEST DAILY MEAN	15700	Feb 5	4660	Feb 2	15700	Feb 5 1998
LOWEST DAILY MEAN	300	Aug 31	261	Aug 31	261	Aug 31 1999
ANNUAL SEVEN-DAY MINIMUM	431	Aug 26	271	Sep 20	271	Sep 20 1999
INSTANTANEOUS PEAK FLOW			4910	Feb 2	Unknown	Aug 28 1995
INSTANTANEOUS PEAK STAGE			14.40	Feb 2	32.89	Aug 28 1995
10 PERCENT EXCEEDS	4650		1820		4340	
50 PERCENT EXCEEDS	1320		619		1080	
90 PERCENT EXCEEDS	508		285		489	

e Estimated



02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

LOCATION.--Lat 34°07'57'', long 81°59'48'', Greenwood County, Hydrologic Unit 03050109, near left bank, at downstream side of bridge on State Road 288, 3.3 mi southeast of Ninety-Six and 10.1 mi southeast of Greenwood.

DRAINAGE AREA.--17.4 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Elevation of gage is 425 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.78	.38	3.3	3.1	327	5.7	41	24	1.2	1.3	.55	.16
2	.61	.41	3.2	3.5	155	5.1	23	7.4	1.1	1.0	.31	.13
3	.46	.49	3.2	32	24	6.6	12	4.3	1.1	.90	.22	.12
4	.43	.65	3.4	8.5	17	8.1	8.5	3.5	1.1	.77	.18	.11
5	.60	.70	3.8	5.6	13	6.1	6.7	3.1	1.0	.69	.14	.10
6	.44	.80	3.8	4.9	10	6.1	5.6	16	.84	1.3	.13	.11
7	.56	.70	3.7	4.2	8.9	5.7	5.4	17	.80	2.3	.12	.11
8	14	.75	3.7	3.8	7.8	5.3	4.9	5.9	.75	1.1	.12	.12
9	2.3	1.1	4.1	3.8	6.5	6.6	4.9	3.6	.75	.90	.13	.12
10	1.1	1.3	3.7	3.7	6.1	8.5	4.6	3.0	.67	.64	.11	.13
11	.73	1.6	3.3	3.1	5.6	6.5	4.2	2.6	.74	.90	.10	.11
12	.60	1.6	3.2	2.9	5.4	5.7	3.5	2.4	.94	2.0	.10	.11
13	.50	1.8	3.7	2.9	5.1	5.4	3.2	2.4	.74	4.1	.10	.12
14	.47	2.1	4.8	2.8	4.7	62	3.0	2.6	.68	2.2	.10	.12
15	.42	3.9	3.6	6.5	4.7	38	3.2	2.9	.93	1.4	.10	.12
16	.40	3.5	5.3	5.1	4.7	22	3.7	2.5	35	1.1	.10	.13
17	.37	4.8	4.7	7.4	4.8	15	3.3	2.3	35	1.0	.10	.13
18	.35	2.6	3.9	18	8.9	12	3.1	2.1	3.6	.87	.10	.12
19	.36	1.9	3.7	7.0	16	9.0	3.4	2.1	1.9	.80	.10	.12
20	.37	2.2	3.8	5.1	16	7.9	3.2	2.0	1.5	.86	.10	.14
21	.35	2.9	3.8	4.2	9.7	8.4	3.0	1.8	1.5	.61	.10	.15
22	.31	3.1	4.5	3.8	7.5	8.3	2.8	1.7	1.4	.59	.11	.17
23	.23	3.3	4.3	6.2	6.4	6.4	2.6	1.7	1.3	.46	.10	.18
24	.24	3.4	4.9	39	6.1	6.0	2.6	2.1	1.3	.64	.17	.20
25	.24	3.5	8.1	12	5.7	6.6	2.4	1.8	1.3	.80	1.3	.22
26	.26	3.5	5.7	6.8	5.5	11	2.4	1.6	1.3	.58	4.7	.20
27	.26	3.6	4.6	5.1	5.1	9.3	2.5	1.5	1.5	.47	.92	.28
28	.26	3.5	3.9	4.4	5.5	7.4	2.8	1.5	1.7	.35	.41	.84
29	.25	3.3	3.8	4.0	---	6.6	5.1	1.3	1.9	.63	.27	.86
30	.26	3.3	3.5	4.9	---	6.0	19	1.2	1.7	1.3	.28	1.1
31	.28	---	3.3	7.0	---	9.2	---	1.2	---	.77	.22	---
TOTAL	28.79	66.68	126.3	231.3	702.7	332.5	195.6	129.1	105.24	33.33	11.59	6.63
MEAN	.93	2.22	4.07	7.46	25.1	10.7	6.52	4.16	3.51	1.08	.37	.22
MAX	14	4.8	8.1	39	327	62	41	24	35	4.1	4.7	1.1
MIN	.23	.38	3.2	2.8	4.7	5.1	2.4	1.2	.67	.35	.10	.10
CFSM	.05	.13	.23	.43	1.44	.62	.37	.24	.20	.06	.02	.01
IN.	.06	.14	.27	.49	1.50	.71	.42	.28	.22	.07	.02	.01

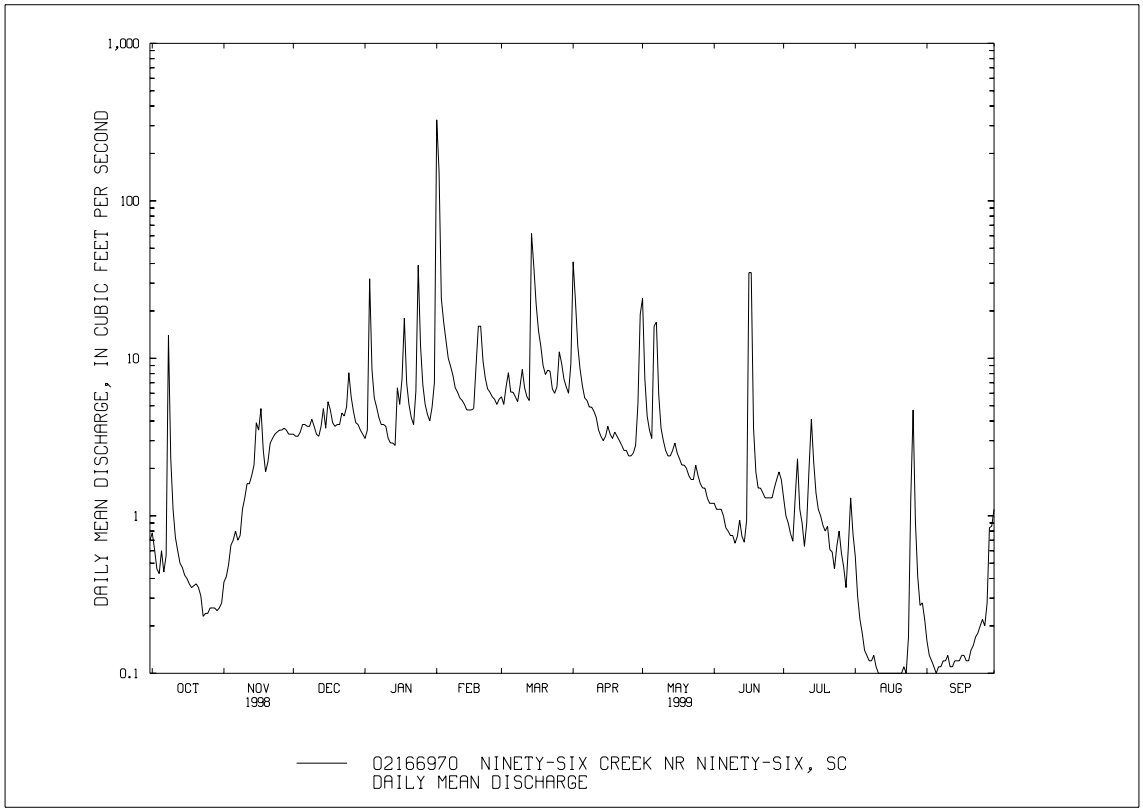
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

MEAN	8.24	13.4	21.2	35.2	46.4	36.0	16.5	8.17	6.61	4.13	4.30	2.02
MAX	50.5	65.4	50.6	86.5	92.8	90.3	46.1	35.9	51.4	28.4	33.8	9.50
(WY)	1991	1986	1984	1982	1983	1993	1998	1984	1994	1989	1994	1998
MIN	.10	.92	2.54	3.07	8.85	5.85	3.72	1.90	.92	.15	.21	.22
(WY)	1988	1988	1989	1981	1986	1985	1985	1981	1988	1993	1993	1999

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1981 - 1999	
ANNUAL TOTAL	7564.57		1969.76			
ANNUAL MEAN	20.7		5.40		16.7	
HIGHEST ANNUAL MEAN					26.9	1993
LOWEST ANNUAL MEAN					4.52	1988
HIGHEST DAILY MEAN	647	Feb 4	327	Feb 1	810	Jan 4 1982
LOWEST DAILY MEAN	.18	Sep 1	.10 **	Aug 11	.05	Oct 19 1987
ANNUAL SEVEN-DAY MINIMUM	.25	Oct 23	.10	Aug 11	.07	Oct 4 1987
INSTANTANEOUS PEAK FLOW			694	Feb 1	1020	Feb 3 1996
INSTANTANEOUS PEAK STAGE			9.13	Feb 1	* 15.35	Jun 29 1994
ANNUAL RUNOFF (CFSM)	1.19		.31		.96	
ANNUAL RUNOFF (INCHES)	16.17		4.21		13.05	
10 PERCENT EXCEEDS	27		8.5		22	
50 PERCENT EXCEEDS	4.0		2.5		4.0	
90 PERCENT EXCEEDS	.57		.14		.53	

* From floodmarks.
** Also occurred Aug. 12-21, 23, Sep. 5.



02167000 SALUDA RIVER AT CHAPPELLS, SC

LOCATION.--Lat 34°10'40'', long 81°51'40'', Newberry County, Hydrologic Unit 03050109, on left bank, on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi^2.

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected since 1905 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 362.89 ft above sea level. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Greenwood (see sta. 02166500).

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	940	548	644	1230	3050	684	1630	4030	558	566	576	301
2	617	548	667	1240	5410	918	2650	2840	559	581	573	299
3	589	569	672	2110	4490	1160	2460	969	560	556	570	299
4	581	560	657	2740	4070	1200	2340	844	553	568	569	297
5	805	508	661	3130	3960	918	1900	1140	539	553	567	295
6	1510	580	649	2920	2450	664	1260	1230	534	541	567	292
7	989	588	635	2090	1020	766	1180	1300	530	970	566	291
8	1400	600	637	2090	1220	682	855	1260	528	1010	545	288
9	1560	585	633	1290	1270	817	958	1250	527	795	501	291
10	2130	574	857	1300	1250	1060	1160	1210	526	529	455	292
11	1230	576	658	1300	1150	708	882	1170	526	523	456	291
12	858	610	656	1290	1140	691	663	1030	525	546	388	289
13	582	613	874	1280	1240	806	698	620	523	1070	297	286
14	581	970	982	1130	1010	1590	823	900	522	688	293	408
15	584	1210	1350	1470	700	1990	682	1030	528	640	294	611
16	585	1070	1270	1340	811	871	861	638	689	620	292	333
17	568	1850	942	1860	693	789	686	735	760	611	291	306
18	546	1480	923	2580	697	1010	929	717	614	605	291	306
19	544	1050	627	1680	1440	1180	1040	597	559	525	290	299
20	535	639	608	1060	2170	736	741	638	542	994	293	289
21	549	632	984	1360	2090	667	843	769	535	875	294	285
22	556	661	1010	1880	2170	890	739	642	532	709	298	296
23	566	666	688	1870	1910	1110	757	604	530	548	295	293
24	581	950	1350	2310	1120	1100	634	684	529	545	310	292
25	605	1050	2090	2840	907	908	639	627	533	530	391	291
26	582	667	2170	2680	691	935	826	605	544	526	545	289
27	559	679	2060	2660	814	1240	623	683	1410	522	576	296
28	558	687	1880	1900	684	956	924	591	1860	678	545	298
29	627	671	733	1670	---	673	1180	576	560	578	514	303
30	734	636	1110	1370	---	459	2670	654	577	585	505	699
31	557	---	1500	1390	---	869	---	561	---	581	279	---
TOTAL	24208	23027	31177	57060	49627	29047	34233	31144	18812	20168	13226	9705
MEAN	781	768	1006	1841	1772	937	1141	1005	627	651	427	324
MAX	2130	1850	2170	3130	5410	1990	2670	4030	1860	1070	576	699
MIN	535	508	608	1060	684	459	623	561	522	522	279	285
CFSM	.57	.56	.74	1.35	1.30	.69	.84	.74	.46	.48	.31	.24
IN.	.66	.63	.85	1.56	1.36	.79	.94	.85	.51	.55	.36	.27

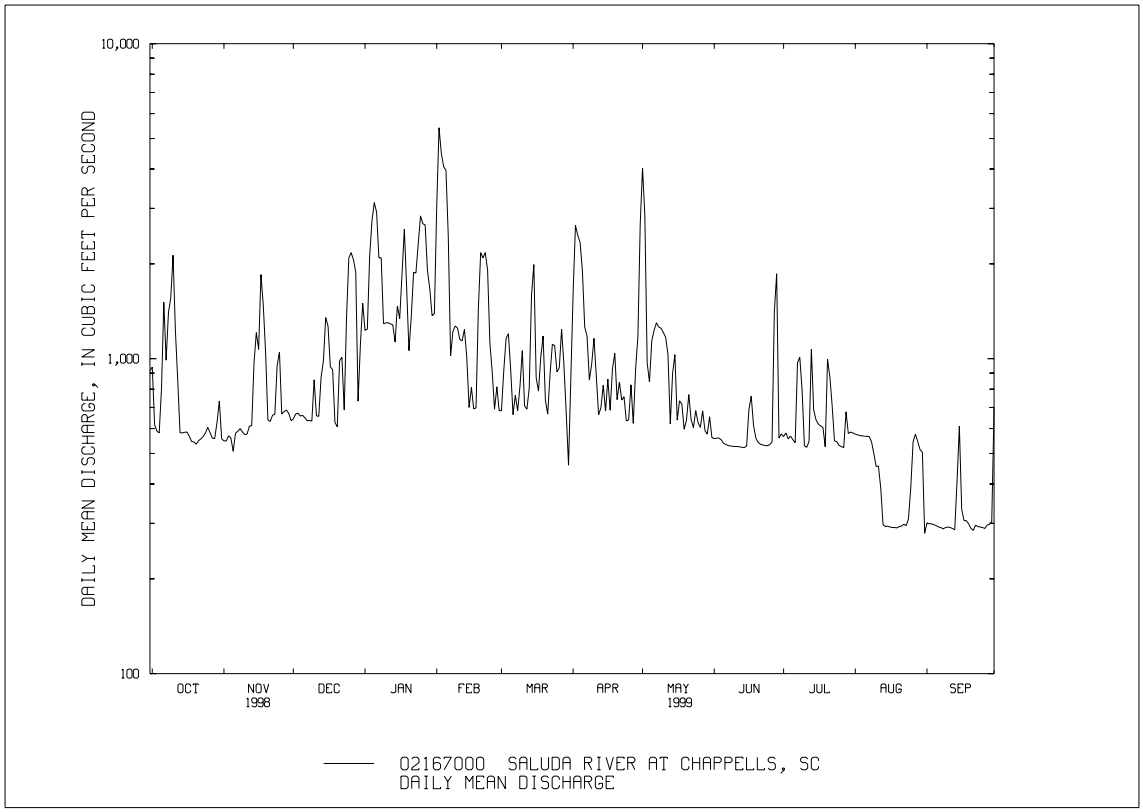
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 1999, BY WATER YEAR (WY)

MEAN	1486	1428	1900	2614	2695	2974	2581	1807	1486	1248	1406	1298
MAX	8243	3417	5486	8844	5564	9236	10480	3970	3576	2855	9626	6709
(WY)	1930	1958	1933	1936	1960	1929	1936	1929	1965	1943	1928	1929
MIN	243	265	536	679	866	475	646	218	58.2	52.8	337	324
(WY)	1955	1954	1956	1956	1941	1988	1986	1940	1940	1940	1988	1999

02167000 SALUDA RIVER AT CHAPPELLS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1927 - 1999	
ANNUAL TOTAL	854537		341434			
ANNUAL MEAN	2341		935		1907	
HIGHEST ANNUAL MEAN					3110	1929
LOWEST ANNUAL MEAN					732	1988
HIGHEST DAILY MEAN	19000	Feb 5	5410	Feb 2	56700	Oct 3 1929
LOWEST DAILY MEAN	340	Aug 31	279	Aug 31	8.0	Oct 29 1939
ANNUAL SEVEN-DAY MINIMUM	506	Aug 26	290	Sep 7	23	Jun 29 1940
INSTANTANEOUS PEAK FLOW			5850	Feb 1	* 63700	Oct 2 1929
INSTANTANEOUS PEAK STAGE			11.60	Feb 1	* 32.50	Oct 2 1929
ANNUAL RUNOFF (CFSM)	1.72		.69		1.40	
ANNUAL RUNOFF (INCHES)	23.37		9.34		19.05	
10 PERCENT EXCEEDS	4810		1870		3850	
50 PERCENT EXCEEDS	1330		678		1400	
90 PERCENT EXCEEDS	576		305		506	

* Present datum, from rating curve extended above 27,000 ft^3/s on basis of velocity-area studies.



02167450 LITTLE RIVER NEAR SILVERSTREET, SC

LOCATION.--Lat 34°12'34'', long 81°45'48'', Newberry County, Hydrologic Unit 03050109, near center span on downstream side of bridge on US Highway 34, 3.4 mi downstream from Mud Lick Creek, 2.8 mi upstream from mouth, 2.9 mi west of Silverstreet.

DRAINAGE AREA.--230 mi^2, approximately.

PERIOD OF RECORD.--March 1990 to current year. Occasional low-flow measurements, water years 1953-77.

GAGE.--Data collection platform. Elevation of gage is 360 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	47	68	87	393	119	198	881	58	49	40	20
2	65	49	68	85	1100	112	215	660	46	45	34	19
3	53	55	68	283	798	113	151	258	45	42	29	18
4	50	63	68	399	345	133	128	182	45	40	27	17
5	51	69	68	198	249	122	116	152	45	37	25	16
6	53	61	68	143	200	113	107	153	43	37	24	16
7	55	59	68	126	178	113	103	183	42	157	24	17
8	107	58	68	119	163	107	101	158	41	108	22	16
9	136	61	67	114	148	109	109	129	38	72	21	16
10	83	64	65	107	140	137	116	113	37	50	20	20
11	66	68	63	99	135	129	100	103	35	45	20	21
12	60	65	63	95	128	116	91	97	36	59	20	19
13	57	64	67	92	122	111	84	93	36	134	18	16
14	54	64	89	90	115	171	81	92	34	162	17	15
15	52	85	82	100	111	321	83	93	35	84	17	14
16	51	110	95	111	110	209	105	90	71	65	17	13
17	50	136	123	105	109	163	92	84	81	55	17	13
18	50	170	94	255	134	144	80	80	76	49	16	12
19	50	100	82	235	203	131	77	76	51	46	15	12
20	49	85	76	159	348	122	75	75	44	42	14	13
21	49	79	77	131	260	124	74	71	42	39	15	18
22	48	74	76	118	183	137	73	67	42	44	22	24
23	46	72	76	181	156	120	70	68	42	41	22	27
24	46	72	99	504	143	112	67	65	41	36	47	24
25	48	72	219	426	139	110	79	61	43	59	94	19
26	49	72	207	231	132	119	131	57	73	90	70	18
27	49	71	134	175	125	117	99	56	96	50	54	21
28	48	68	108	152	122	110	94	55	86	48	37	34
29	46	68	103	136	---	104	141	52	74	43	29	36
30	47	68	106	127	---	101	407	52	56	44	25	37
31	48	---	94	126	---	102	---	52	---	50	23	---
TOTAL	1790	2249	2809	5309	6489	4051	3447	4408	1534	1922	875	581
MEAN	57.7	75.0	90.6	171	232	131	115	142	51.1	62.0	28.2	19.4
MAX	136	170	219	504	1100	321	407	881	96	162	94	37
MIN	46	47	63	85	109	101	67	52	34	36	14	12
CFSM	.25	.33	.39	.74	1.01	.57	.50	.62	.22	.27	.12	.08
IN.	.29	.36	.45	.86	1.05	.66	.56	.71	.25	.31	.14	.09

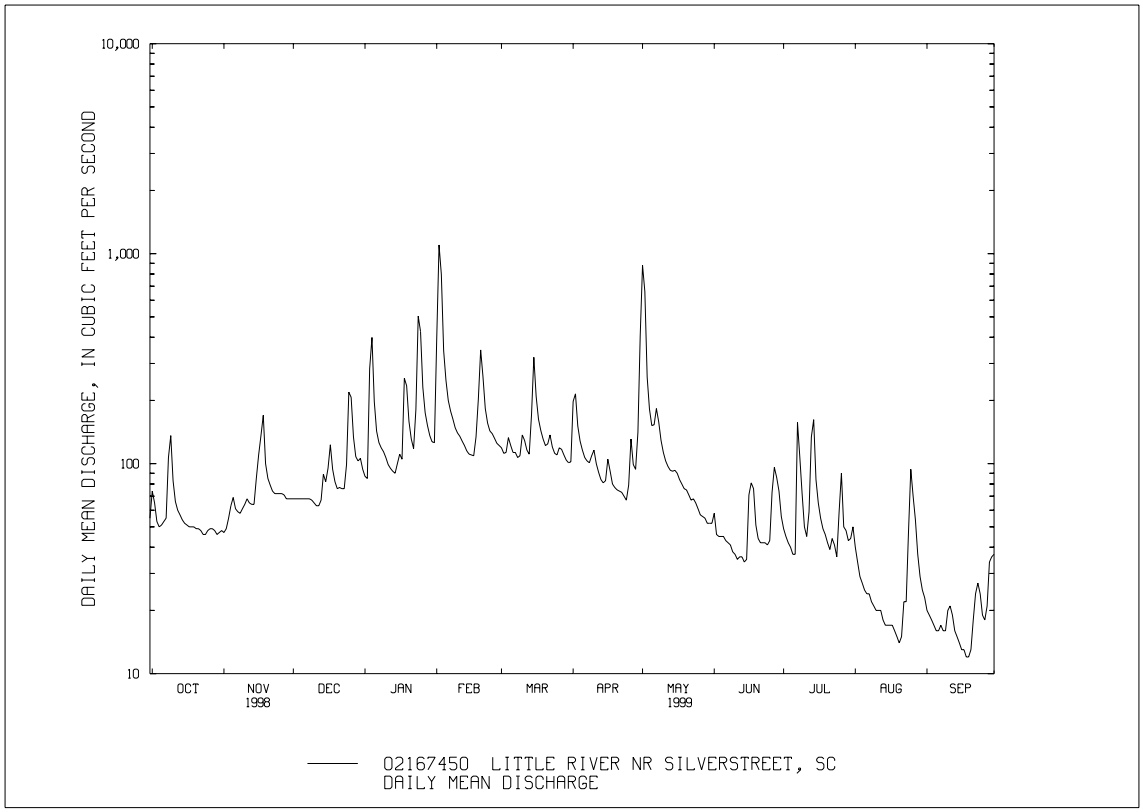
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

MEAN	140	198	227	358	459	449	243	163	146	74.2	116	60.5
MAX	369	572	592	658	714	906	678	316	619	157	359	112
(WY)	1991	1993	1995	1993	1995	1993	1998	1991	1994	1997	1994	1994
MIN	42.0	59.2	75.5	88.1	204	131	115	68.1	51.1	40.2	28.2	19.4
(WY)	1992	1992	1992	1992	1992	1999	1999	1994	1999	1993	1999	1999

02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	96273		35464			
ANNUAL MEAN	264		97.2		222	
HIGHEST ANNUAL MEAN					304	1993
LOWEST ANNUAL MEAN					97.2	1999
HIGHEST DAILY MEAN	4980	Feb 5	1100	Feb 2	5600	Feb 3 1996
LOWEST DAILY MEAN	35	Aug 7	12	* Sep 18	11	Aug 21 1990
ANNUAL SEVEN-DAY MINIMUM	39	Aug 27	13	Sep 14	13	Sep 14 1999
INSTANTANEOUS PEAK FLOW			1210	Feb 2	8400	Jun 5 1994
INSTANTANEOUS PEAK STAGE			9.47	Feb 2	15.60	Jun 5 1994
ANNUAL RUNOFF (CFSM)	1.15		.42		.96	
ANNUAL RUNOFF (INCHES)	15.57		5.74		13.10	
10 PERCENT EXCEEDS	444		163		363	
50 PERCENT EXCEEDS	103		72		109	
90 PERCENT EXCEEDS	49		21		40	

* Also occurred Sep. 19.



02167557 BUSH RIVER AT JOANNA, SC

LOCATION.--Lat 34°24'28'', long 81°49'35'', Laurens County, Hydrologic Unit 03050108, downstream side of bridge on State Highway 66, 1.0 mi west of Joanna.

DRAINAGE AREA.--11.1 mi^2.

PERIOD OF RECORD.--June 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 530 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, and those below 20 ft^3/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	4.2	3.3	2.6	106	7.9	19	76	2.5	6.0	1.7	1.4
2	3.8	4.5	2.9	4.2	97	7.0	12	25	2.4	6.6	1.4	1.5
3	3.1	6.9	3.1	67	28	9.8	9.4	13	2.4	5.0	1.7	1.5
4	2.9	8.0	3.5	15	16	15	11	9.2	2.5	3.5	1.0	1.4
5	2.8	6.9	3.3	7.7	11	8.4	13	7.8	2.5	3.0	1.0	1.3
6	2.9	6.0	3.6	6.3	8.2	7.9	13	16	2.3	4.4	.88	1.4
7	3.1	5.3	3.5	4.5	7.6	7.4	14	23	2.2	33	.91	1.3
8	8.1	5.0	3.9	4.1	6.5	6.4	17	9.6	2.1	11	1.2	1.5
9	5.3	4.7	3.8	4.1	6.4	11	18	6.1	2.8	6.4	1.5	1.6
10	3.3	6.2	3.7	3.6	5.4	15	17	5.1	2.8	4.6	1.0	1.6
11	2.8	7.6	3.6	3.2	5.1	9.1	13	4.5	4.1	4.6	.90	1.6
12	2.6	8.3	3.6	3.1	4.8	7.1	12	4.1	2.7	11	.72	1.5
13	2.5	8.7	5.0	3.3	4.5	6.4	12	4.7	2.3	65	.86	1.4
14	2.5	9.4	6.0	4.1	4.2	30	12	4.8	4.5	18	.63	1.4
15	2.5	16	4.5	7.9	4.0	28	19	4.9	2.9	5.8	.63	1.8
16	2.3	14	17	5.8	4.0	15	23	4.7	4.1	4.3	.69	e2.3
17	1.9	28	6.8	5.9	4.1	12	20	4.5	8.8	4.0	.68	e1.9
18	2.2	8.3	3.5	27	25	8.1	19	3.9	7.0	3.6	.63	1.8
19	2.1	4.5	2.8	11	36	7.0	17	3.9	4.4	2.9	.61	1.7
20	2.5	3.9	2.6	6.6	39	6.8	18	3.5	3.4	2.4	1.0	1.8
21	2.8	3.3	2.7	5.1	19	9.8	17	3.2	3.1	2.4	.98	2.2
22	3.1	2.9	2.8	4.7	13	10	16	3.1	3.9	2.1	1.2	2.7
23	2.8	3.7	3.8	12	10	7.3	14	3.4	2.7	2.1	1.5	2.8
24	2.7	3.3	18	64	9.6	6.5	14	3.5	2.6	2.1	2.0	2.5
25	2.9	2.9	28	22	11	7.1	19	3.3	4.9	2.9	3.0	2.4
26	3.5	3.2	8.0	10	8.4	9.0	18	3.5	16	3.0	23	2.4
27	3.8	2.8	4.1	7.2	7.8	8.4	19	3.3	18	2.2	3.5	3.3
28	3.6	2.9	3.4	6.6	7.8	7.2	30	3.2	18	3.3	1.7	4.1
29	4.0	3.2	4.8	5.6	---	6.8	30	3.1	8.8	3.7	1.3	4.6
30	4.0	4.3	4.4	5.3	---	7.2	127	3.0	5.8	2.6	1.4	4.2
31	4.1	---	3.0	6.8	---	8.9	---	2.8	---	2.0	1.5	---
TOTAL	100.7	198.9	173.0	346.3	509.4	313.5	612.4	269.7	152.5	233.5	60.72	62.9
MEAN	3.25	6.63	5.58	11.2	18.2	10.1	20.4	8.70	5.08	7.53	1.96	2.10
MAX	8.1	28	28	67	106	30	127	76	18	65	23	4.6
MIN	1.9	2.8	2.6	2.6	4.0	6.4	9.4	2.8	2.1	2.0	.61	1.3
CFSM	.29	.60	.50	1.01	1.64	.91	1.84	.78	.46	.68	.18	.19
IN.	.34	.67	.58	1.16	1.71	1.05	2.05	.90	.51	.78	.20	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1999, BY WATER YEAR (WY)

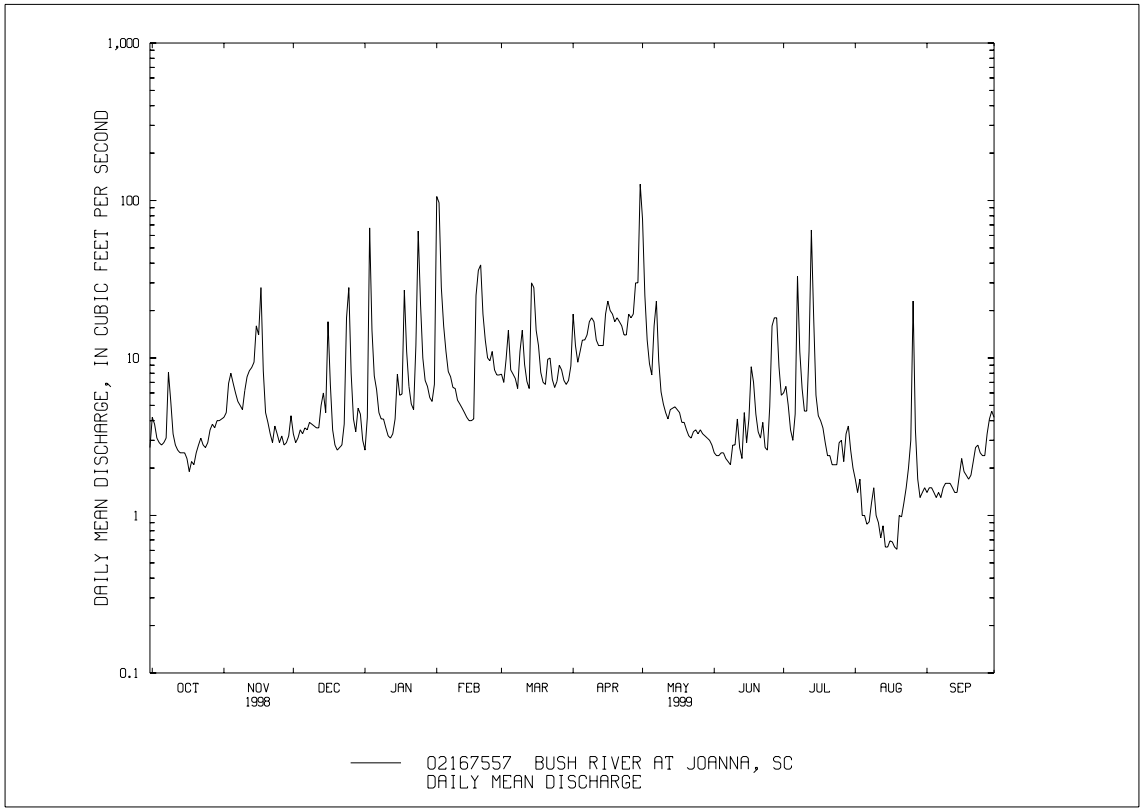
MEAN	13.3	15.4	14.9	26.3	34.9	29.4	31.6	12.0	7.17	5.87	6.46	7.89
MAX	22.8	31.2	28.0	43.0	50.1	44.7	60.1	14.2	9.73	9.09	12.6	13.3
(WY)	1997	1996	1998	1998	1998	1998	1998	1998	1996	1997	1995	1996
MIN	3.25	6.63	5.58	11.2	18.2	10.1	20.4	8.70	5.08	3.60	1.96	2.10
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1995	1999	1999

02167557 BUSH RIVER AT JOANNA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1995 - 1999	
ANNUAL TOTAL	7622.4		3033.52			
ANNUAL MEAN	20.9		8.31		16.9	
HIGHEST ANNUAL MEAN					23.8	1998
LOWEST ANNUAL MEAN					8.31	1999
HIGHEST DAILY MEAN	424	Mar 9	127	Apr 30	424	Mar 9 1998
LOWEST DAILY MEAN	1.9 *	Aug 28	.61	Aug 19	.61	Aug 19 1999
ANNUAL SEVEN-DAY MINIMUM	2.0	Aug 24	.68	Aug 13	.68	Aug 13 1999
INSTANTANEOUS PEAK FLOW			245	Feb 1	1160	Feb 2 1996
INSTANTANEOUS PEAK STAGE			5.86	Feb 1	8.09	Feb 2 1996
ANNUAL RUNOFF (CFSM)	1.88		.75		1.52	
ANNUAL RUNOFF (INCHES)	25.55		10.17		20.68	
10 PERCENT EXCEEDS	33		18		27	
50 PERCENT EXCEEDS	5.4		4.2		7.7	
90 PERCENT EXCEEDS	2.8		1.6		2.9	

* Also occurred Aug. 29, 30.

e Estimated



02167563 BUSH RIVER AT NEWBERRY, SC

LOCATION.--Lat 34°14'31'', long 81°38'49'', Newberry County, Hydrologic Unit 03050109, upstream side of bridge on State Highway 34, about 1.75 mi west of Newberry.

DRAINAGE AREA.--62.2 mi^2.

PERIOD OF RECORD.--March 1999 to September 1999.

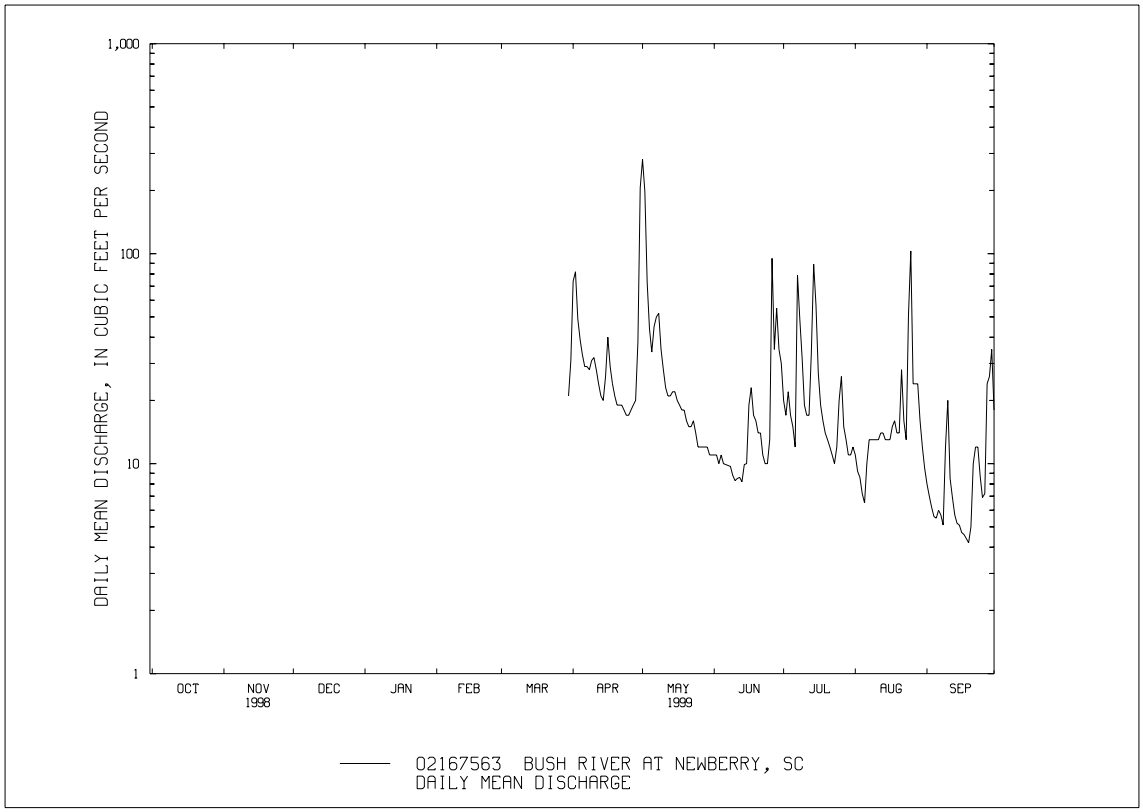
GAGE.--Data collection platform. Elevation of gage is 375 ft above sea level (from topographic map).

REMARKS.--Records good except those below 10 ft^3/s, which are fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	74	281	11	20	11	8.0
2	---	---	---	---	---	---	82	198	11	17	9.2	7.0
3	---	---	---	---	---	---	49	73	10	22	8.6	6.2
4	---	---	---	---	---	---	39	44	11	17	7.2	5.6
5	---	---	---	---	---	---	33	34	10	15	6.5	5.5
6	---	---	---	---	---	---	29	45	9.9	12	10	6.0
7	---	---	---	---	---	---	29	50	9.8	79	13	5.7
8	---	---	---	---	---	---	28	52	9.7	49	13	5.1
9	---	---	---	---	---	---	31	35	8.8	32	13	12
10	---	---	---	---	---	---	32	28	8.3	19	13	20
11	---	---	---	---	---	---	28	23	8.5	17	13	8.5
12	---	---	---	---	---	---	24	21	8.6	17	14	6.9
13	---	---	---	---	---	---	21	21	8.2	34	14	5.7
14	---	---	---	---	---	---	20	22	9.9	89	13	5.2
15	---	---	---	---	---	---	26	22	10	57	13	5.1
16	---	---	---	---	---	---	40	20	19	27	13	4.7
17	---	---	---	---	---	---	29	19	23	19	15	4.6
18	---	---	---	---	---	---	24	18	17	16	16	4.4
19	---	---	---	---	---	---	21	18	16	14	14	4.2
20	---	---	---	---	---	---	19	16	14	13	14	5.0
21	---	---	---	---	---	---	19	15	14	12	28	10
22	---	---	---	---	---	---	19	15	11	11	16	12
23	---	---	---	---	---	---	18	16	10	10	13	12
24	---	---	---	---	---	---	17	14	10	12	51	8.7
25	---	---	---	---	---	---	17	12	13	20	103	6.9
26	---	---	---	---	---	---	18	12	95	26	24	7.2
27	---	---	---	---	---	---	19	12	35	15	24	24
28	---	---	---	---	---	---	20	12	55	13	24	26
29	---	---	---	---	---	---	38	12	35	11	16	35
30	---	---	---	---	---	21	206	11	30	11	12	18
31	---	---	---	---	---	31	---	11	---	12	9.5	---
MEAN	---	---	---	---	---	---	35.6	38.1	18.1	23.8	18.2	9.84
MAX	---	---	---	---	---	---	206	281	95	89	103	35
MIN	---	---	---	---	---	---	17	11	8.2	10	6.5	4.2

02167563 BUSH RIVER AT NEWBERRY, SC--Continued



02167582 BUSH RIVER NEAR PROSPERITY, SC

LOCATION.--Lat 34°10'07'', long 81°36'38'', Newberry County, Hydrologic Unit 03050109, at downstream side near center of bridge on County Road 244, 5.2 mi southwest of Prosperity, and 7.2 mi south of the center of Newberry, SC.

DRAINAGE AREA.--115 mi^2.

PERIOD OF RECORD.--February 1990 to current year.

GAGE.--Data collection platform. Elevation of gage is 360 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	37	30	41	635	59	83	440	18	35	15	15
2	40	36	30	38	890	57	121	269	19	31	13	14
3	30	45	31	125	436	60	79	111	18	32	13	13
4	28	52	31	121	224	68	65	71	19	27	12	12
5	28	53	32	94	134	63	57	58	19	21	11	11
6	28	53	31	60	103	61	53	127	16	17	11	11
7	29	54	32	52	90	56	52	109	16	81	11	11
8	236	55	34	50	83	52	52	82	17	57	9.0	12
9	72	54	33	49	75	62	54	61	16	48	8.5	11
10	48	57	32	45	72	70	55	50	14	29	9.5	40
11	39	56	32	41	70	67	51	44	14	22	9.0	18
12	34	57	31	41	70	62	45	40	15	25	9.1	12
13	33	55	38	39	63	56	42	40	13	43	10	11
14	30	57	45	39	58	203	40	46	14	88	8.9	12
15	29	68	42	75	57	232	42	41	20	84	7.2	11
16	28	51	95	58	58	125	72	37	70	42	8.1	9.5
17	28	80	66	356	58	89	51	35	60	29	11	8.2
18	28	61	56	524	91	77	44	34	31	23	12	9.6
19	26	59	45	148	115	70	40	33	26	20	8.9	9.4
20	30	45	39	98	147	65	39	32	22	19	8.2	9.7
21	29	39	36	76	123	72	37	29	22	17	46	26
22	31	34	38	67	86	69	37	28	20	15	16	29
23	33	33	38	197	73	65	35	29	18	15	11	23
24	33	32	49	732	70	61	34	26	17	18	61	19
25	33	32	135	359	66	59	33	24	22	32	174	15
26	33	34	101	167	65	70	33	23	203	37	50	12
27	35	32	69	104	63	64	37	24	53	25	32	59
28	35	30	53	87	61	60	44	22	76	19	44	80
29	36	29	47	78	---	57	58	22	55	17	29	93
30	36	30	45	72	---	56	368	21	52	17	22	44
31	37	---	44	70	---	56	---	19	---	17	18	---
TOTAL	1250	1410	1460	4103	4136	2343	1853	2027	995	1002	708.4	660.4
MEAN	40.3	47.0	47.1	132	148	75.6	61.8	65.4	33.2	32.3	22.9	22.0
MAX	236	80	135	732	890	232	368	440	203	88	174	93
MIN	26	29	30	38	57	52	33	19	13	15	7.2	8.2
CFSM	.35	.41	.41	1.15	1.28	.66	.54	.57	.29	.28	.20	.19
IN.	.40	.46	.47	1.33	1.34	.76	.60	.66	.32	.32	.23	.21

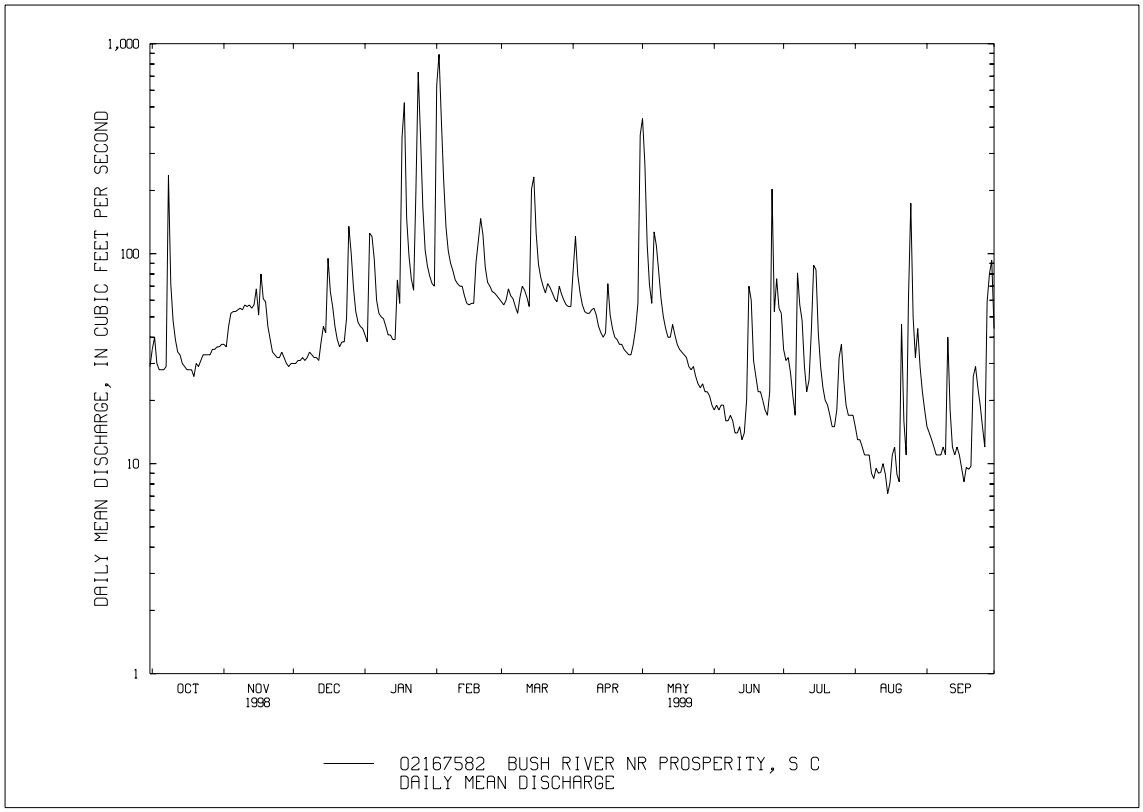
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

MEAN	106	103	112	226	252	233	116	71.9	80.7	41.6	61.1	46.2
MAX	294	338	300	407	405	480	284	131	284	76.5	190	114
(WY)	1991	1993	1995	1995	1998	1993	1998	1991	1994	1997	1994	1998
MIN	24.7	30.3	44.5	50.8	121	75.6	56.3	35.4	28.4	20.9	22.9	22.0
(WY)	1992	1992	1992	1992	1992	1999	1995	1994	1993	1990	1999	1999

02167582 BUSH RIVER NEAR PROSPERITY, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	52870		21947.8			
ANNUAL MEAN	145		60.1		123	
HIGHEST ANNUAL MEAN					178	1993
LOWEST ANNUAL MEAN					60.1	1999
HIGHEST DAILY MEAN	2910	Feb 5	890	Feb 2	4330	Jan 15 1995
LOWEST DAILY MEAN	15	* Aug 30	7.2	Aug 15	7.2	Aug 15 1999
ANNUAL SEVEN-DAY MINIMUM	17	Aug 26	8.8	Aug 10	8.8	Aug 10 1999
INSTANTANEOUS PEAK FLOW			1500	Feb 1	5570	Jan 15 1995
INSTANTANEOUS PEAK STAGE			9.42	Feb 1	16.06	Jan 15 1995
ANNUAL RUNOFF (CFSM)	1.26		.52		1.07	
ANNUAL RUNOFF (INCHES)	17.10		7.10		14.55	
10 PERCENT EXCEEDS	291		94		223	
50 PERCENT EXCEEDS	57		40		52	
90 PERCENT EXCEEDS	25		13		21	

* Also occurred Aug. 31.



02167600 SALUDA RIVER NEAR PROSPERITY, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 34°05'57'', long 81°34'07'', Saluda County, Hydrologic Unit Code 03050109, at Hwy 391 Bridge, 3.9 miles north of Hwy 378 Traffic Circle, 17.9 miles east of Saluda, 3.3 miles north of confluence of Little Saluda River, and 14.5 miles south of Prosperity.

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: February 1993 to current year.

DISSOLVED OXYGEN: February 1993 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 35.5 C, Jun. 26-29, 1998; minimum, 3.5°C, Feb. 5, 6, 1996.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Aug. 26, 1994; minimum, 0.0 mg/L, Jul. 8, 9, 23, Aug. 29-31, 1993, Jul. 1-3, 12, 13, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 33.5 C, Aug. 1; minimum, 6.5°C, Jan. 5, 6.

DISSOLVED OXYGEN: Maximum, 14.7 mg/L, May 12; minimum, 3.3 mg/L, Jul. 13.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.0	26.5	27.0	21.0	19.5	20.5	16.0	14.5	15.0	9.0	8.5	9.0
2	27.0	25.5	26.0	21.0	20.0	20.5	16.5	14.5	15.5	9.0	8.0	8.5
3	26.5	25.0	26.0	21.0	20.0	20.5	16.0	15.0	15.5	8.0	7.5	8.0
4	27.0	25.5	26.0	20.5	18.5	19.5	16.0	14.5	15.0	7.5	7.0	7.5
5	27.5	26.0	26.5	19.0	18.0	18.5	15.5	14.5	15.5	7.0	6.5	7.0
6	26.5	25.5	26.0	18.0	16.5	17.5	17.0	15.0	16.0	7.0	6.5	7.0
7	26.0	25.0	25.5	17.0	15.5	16.0	17.0	15.5	16.0	8.0	7.0	7.5
8	26.0	23.5	25.0	17.0	15.5	16.5	17.0	16.5	16.5	8.5	7.5	8.0
9	26.5	24.5	25.5	16.5	16.0	16.0	17.0	16.5	17.0	8.5	8.0	8.5
10	27.0	24.0	25.0	17.0	15.0	16.0	16.5	15.5	16.0	8.5	8.0	8.0
11	26.0	24.0	25.0	18.5	16.0	17.0	15.5	15.0	15.5	8.5	7.5	8.0
12	26.5	24.0	25.0	17.5	16.0	16.5	15.0	14.0	14.5	8.0	7.0	7.5
13	26.0	24.5	25.0	17.0	16.0	16.5	14.0	13.0	13.5	9.0	7.5	8.0
14	26.0	23.5	25.0	16.5	16.0	16.5	13.0	12.5	12.5	10.0	8.5	8.5
15	26.0	24.0	24.5	18.0	14.5	16.5	12.5	11.0	11.5	10.0	9.0	9.5
16	24.5	23.0	24.0	16.5	15.0	16.0	12.0	10.5	11.0	10.5	9.5	10.0
17	24.5	22.5	23.0	17.5	15.5	16.5	11.0	10.5	11.0	9.5	8.5	9.0
18	24.0	23.0	23.5	17.5	15.5	16.5	10.5	10.5	10.5	9.5	8.5	9.0
19	24.0	22.0	23.0	17.5	16.5	17.0	11.5	10.5	10.5	10.0	8.0	8.5
20	23.5	22.5	23.0	17.5	15.5	16.5	12.5	10.5	11.5	10.0	7.5	8.5
21	22.5	21.5	22.0	---	---	---	13.0	11.0	12.0	10.5	9.5	10.0
22	22.0	20.5	21.0	---	---	---	14.0	11.5	13.5	10.0	8.5	9.5
23	20.5	19.5	20.0	---	---	---	13.5	12.0	12.5	11.0	10.0	10.5
24	21.0	18.5	20.0	---	---	---	12.0	11.0	11.5	12.5	11.0	11.5
25	20.5	19.0	19.5	16.5	15.0	15.5	11.0	9.5	10.0	12.5	10.5	11.5
26	21.5	18.5	19.5	16.0	14.5	15.5	10.0	9.5	9.5	11.0	10.5	11.0
27	21.5	19.5	20.5	16.0	14.5	15.5	10.0	9.5	9.5	11.5	10.0	10.5
28	22.5	19.5	21.0	16.5	14.5	15.0	10.5	9.5	10.0	11.5	10.0	10.5
29	21.5	19.0	20.5	16.0	14.0	15.0	10.0	10.0	10.0	13.0	10.5	11.5
30	21.5	19.5	20.0	16.0	14.0	15.0	10.0	9.5	9.5	11.5	11.0	11.5
31	21.5	20.0	20.5	---	---	---	9.5	9.0	9.0	11.5	10.5	11.0
MONTH	28.0	18.5	23.4	21.0	14.0	16.9	17.0	9.0	12.8	13.0	6.5	9.2

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	8.5	9.5	12.0	10.5	11.0	18.0	16.5	17.0	---	---	---
2	8.5	8.0	8.0	13.5	11.0	11.5	19.5	17.5	18.0	---	---	---
3	9.0	8.5	8.5	12.0	11.5	11.5	19.5	17.5	18.5	---	---	---
4	10.5	9.0	10.0	12.0	11.0	11.5	21.5	18.5	20.0	18.0	17.0	17.5
5	12.0	10.5	11.0	12.0	11.0	11.5	21.5	19.5	20.0	20.0	17.5	18.5
6	11.5	10.5	10.5	12.5	11.0	11.5	20.5	19.5	20.0	20.0	19.0	19.5
7	12.0	10.5	11.0	12.5	11.5	12.0	22.5	19.5	20.5	21.0	19.0	20.0
8	15.0	11.5	12.5	12.0	11.0	11.5	23.0	19.5	20.5	22.0	20.0	21.0
9	14.5	12.0	13.0	11.0	10.5	11.0	22.0	19.0	21.0	22.0	19.5	20.5
10	14.5	12.5	13.5	11.5	10.0	10.5	22.0	21.0	21.0	23.5	21.0	22.0
11	15.0	13.0	14.0	12.0	10.5	11.0	23.5	21.0	22.5	23.5	21.5	23.0
12	15.5	13.5	14.5	13.5	10.5	11.0	23.0	21.0	22.0	24.0	23.0	23.0
13	14.0	13.0	13.5	11.5	10.5	10.5	22.5	20.0	21.5	24.5	23.0	23.5
14	13.0	12.0	12.5	10.5	10.0	10.5	21.5	21.0	21.0	24.0	22.5	23.0
15	13.0	11.5	12.0	10.5	10.0	10.0	21.0	20.0	20.5	23.5	21.5	22.5
16	13.0	11.0	11.5	12.0	9.5	10.0	20.5	20.0	20.0	24.0	22.0	23.0
17	13.0	11.0	11.5	14.0	10.0	12.0	20.0	19.0	19.5	24.5	22.5	23.0
18	13.5	11.0	12.0	15.0	13.0	14.0	21.0	18.5	19.0	24.0	23.0	23.5
19	13.0	11.5	12.0	15.5	14.0	14.5	20.0	19.0	19.5	25.0	23.5	24.0
20	12.5	11.0	12.0	16.5	15.0	15.5	21.0	19.0	20.0	25.0	23.5	24.0
21	12.0	11.0	11.5	16.5	15.5	16.0	---	---	---	25.0	24.0	24.5
22	11.0	10.5	10.5	17.5	15.5	16.5	---	---	---	25.0	23.5	24.5
23	10.5	9.5	10.0	17.0	16.0	16.5	---	---	---	25.5	24.0	24.5
24	10.0	9.5	9.5	18.5	16.5	17.5	---	---	---	25.5	23.5	24.5
25	10.0	9.0	9.5	18.0	17.5	18.0	---	---	---	24.0	23.0	23.5
26	11.0	9.0	10.0	18.0	16.5	17.0	---	---	---	24.5	23.0	23.5
27	11.0	10.0	10.5	17.5	16.0	16.5	---	---	---	25.0	23.0	23.5
28	11.5	9.5	10.5	17.5	16.0	16.5	---	---	---	24.5	23.5	24.0
29	---	---	---	17.0	16.5	16.5	---	---	---	25.0	24.0	24.5
30	---	---	---	17.0	16.0	16.5	---	---	---	26.0	24.5	25.0
31	---	---	---	16.5	16.0	16.5	---	---	---	26.0	25.0	25.5
MONTH	15.5	8.0	11.2	18.5	9.5	13.4	23.5	16.5	20.1	26.0	17.0	22.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.0	25.5	28.0	26.5	27.0	33.5	31.0	32.0	29.0	27.5	28.0
2	26.0	25.5	25.5	28.5	26.5	27.5	32.5	31.0	31.5	28.5	27.0	28.0
3	27.0	25.0	26.0	29.0	26.5	27.5	32.0	31.0	31.0	28.5	27.5	28.0
4	29.0	26.0	27.5	30.0	26.0	27.5	31.5	30.5	31.0	28.0	27.0	27.5
5	27.0	26.5	26.5	31.5	28.5	30.0	31.5	30.0	30.5	27.5	27.0	27.0
6	27.5	26.0	27.0	31.0	29.5	30.5	32.0	30.0	30.5	29.0	26.5	27.5
7	29.0	26.5	27.5	30.5	29.0	29.5	31.5	30.5	31.0	29.5	28.0	28.5
8	29.5	27.5	28.5	31.5	29.0	30.0	31.5	30.5	31.0	30.0	28.0	28.5
9	30.0	28.0	29.0	31.5	29.5	30.5	31.5	30.0	30.5	29.5	28.0	28.5
10	29.0	28.5	28.5	31.0	29.5	30.0	31.5	30.0	30.5	29.0	28.0	28.5
11	28.5	28.0	28.0	29.5	28.5	29.0	32.0	30.0	31.0	29.0	27.5	28.5
12	28.5	27.5	28.0	28.5	27.5	28.0	32.5	30.0	31.0	28.5	27.5	28.0
13	29.5	27.5	28.5	27.5	26.5	27.0	32.0	30.5	31.5	28.5	27.0	28.0
14	30.0	28.0	28.5	27.0	26.0	26.5	32.0	31.0	31.5	28.0	27.0	27.5
15	29.0	28.0	28.5	28.0	26.0	27.0	31.5	30.5	31.0	27.5	26.0	27.0
16	28.5	27.5	28.0	28.5	26.5	27.5	32.0	30.5	31.0	26.0	25.0	25.5
17	28.0	27.0	27.5	29.0	27.0	28.0	33.0	30.0	31.0	26.0	25.0	25.5
18	27.5	26.5	27.0	29.5	28.0	28.5	32.5	30.5	31.5	25.5	24.5	25.0
19	27.0	26.0	26.5	30.5	28.5	29.0	33.0	30.5	31.5	25.5	24.5	25.0
20	26.0	25.5	25.5	31.5	28.5	29.5	31.0	30.0	30.5	25.0	24.5	24.5
21	25.5	25.0	25.0	31.5	29.5	30.0	31.0	29.5	30.0	25.5	24.0	24.5
22	25.5	24.5	25.0	32.0	30.0	31.0	30.5	29.5	30.0	25.0	23.5	24.0
23	26.5	24.5	25.5	32.5	30.0	31.0	29.5	29.0	29.5	24.5	23.5	24.0
24	26.0	25.5	25.5	32.5	31.0	31.5	29.0	28.5	29.0	25.0	23.0	24.0
25	26.5	25.5	25.5	32.5	30.0	31.0	30.0	28.5	28.5	25.0	23.5	24.0
26	27.0	26.0	26.0	32.5	30.5	31.5	30.0	28.5	29.0	25.0	24.0	24.5
27	27.0	26.0	26.5	32.0	30.5	31.0	31.0	29.0	30.0	24.5	24.5	24.5
28	28.0	26.0	27.0	32.5	30.0	31.0	30.5	29.5	30.0	25.0	24.5	24.5
29	27.5	26.5	27.0	32.0	30.5	31.0	30.0	29.5	29.5	26.0	24.5	25.0
30	27.5	26.0	26.5	32.5	30.0	31.0	30.0	28.5	29.0	25.5	24.0	24.5
31	---	---	---	33.0	30.5	31.5	29.0	28.0	28.5	---	---	---
MONTH	30.0	24.5	26.9	33.0	26.0	29.4	33.5	28.0	30.5	30.0	23.0	26.3
YEAR	33.5	6.5	20.3									

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.3	8.0	9.6	11.7	10.0	10.8	9.8	8.5	9.2	9.5	7.5	8.8
2	10.0	8.0	8.8	11.9	9.3	10.8	10.3	8.7	9.4	10.0	8.6	9.3
3	9.3	7.0	8.0	11.8	10.1	10.8	10.8	9.2	9.8	10.2	8.6	9.6
4	9.4	7.3	8.1	11.7	8.9	9.9	10.6	8.6	9.3	10.2	8.8	9.7
5	9.7	7.3	8.4	9.6	6.3	8.5	10.0	8.6	9.2	10.2	9.2	9.8
6	9.0	7.2	7.7	8.7	7.4	8.0	10.4	8.6	9.3	10.3	9.7	10.0
7	8.9	6.8	7.5	9.1	6.7	7.7	10.1	8.9	9.5	10.1	8.4	9.7
8	9.5	6.3	7.6	9.9	6.9	8.3	10.1	9.2	9.6	10.2	9.1	9.8
9	9.3	5.8	7.4	9.6	7.2	8.5	10.0	9.0	9.4	10.3	8.6	9.6
10	9.4	5.7	7.0	10.5	8.0	9.1	9.4	8.7	9.0	10.4	8.0	9.2
11	9.6	5.0	7.1	10.4	8.5	9.3	8.9	8.4	8.7	10.3	8.4	9.1
12	11.9	6.5	8.7	10.1	7.5	8.6	8.9	8.2	8.6	10.1	8.4	9.3
13	11.8	7.9	9.8	9.3	7.2	8.3	9.0	8.3	8.6	10.1	9.5	9.9
14	13.2	9.3	11.0	9.7	7.0	8.1	9.3	8.3	8.9	10.2	8.8	9.7
15	12.5	9.9	11.1	9.1	7.4	8.2	9.4	8.7	9.0	10.1	7.4	9.4
16	11.0	8.8	9.8	9.6	7.5	8.2	9.5	8.8	9.1	9.8	8.0	8.8
17	10.6	8.4	9.4	9.4	7.7	8.6	9.4	8.7	9.1	9.6	7.7	8.6
18	10.9	8.2	9.4	9.1	7.9	8.5	9.0	8.5	8.8	9.8	8.9	9.4
19	11.5	8.9	10.1	9.3	7.9	8.2	9.2	8.6	8.8	9.6	8.4	9.1
20	10.4	9.1	9.7	9.2	7.9	8.5	9.5	8.6	9.0	10.0	7.4	8.8
21	10.1	8.5	9.2	9.1	7.5	8.3	9.5	8.7	9.1	10.0	8.4	8.9
22	9.6	8.2	8.9	8.1	7.1	7.6	9.6	8.7	9.0	9.3	7.9	8.8
23	10.7	8.3	9.2	10.0	7.3	8.5	9.2	8.4	8.8	9.6	8.1	9.0
24	11.0	7.7	9.5	9.9	8.2	9.0	9.0	8.6	8.8	9.7	8.1	8.8
25	12.1	8.9	10.4	9.4	7.8	8.4	9.6	8.9	9.3	9.2	7.8	8.4
26	11.3	9.7	10.4	8.8	7.6	8.3	9.6	9.2	9.5	9.4	8.0	9.0
27	11.1	9.7	10.4	8.5	7.6	8.1	9.5	9.1	9.3	10.1	8.8	9.5
28	11.5	9.9	10.5	9.6	7.5	8.2	9.7	8.2	9.2	10.2	8.4	9.4
29	11.5	9.1	10.4	9.8	7.2	8.3	9.2	7.7	8.5	9.8	8.5	9.1
30	11.5	9.6	10.6	10.2	7.8	8.7	9.4	6.6	8.2	9.6	8.5	9.0
31	11.8	10.0	10.7	---	---	---	9.5	7.4	8.4	10.2	8.5	9.2
MONTH	13.2	5.0	9.2	11.9	6.3	8.7	10.8	6.6	9.0	10.4	7.4	9.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.7	9.6	10.3	---	---	---	11.6	9.7	10.4	---	---	---
2	10.8	10.4	10.6	---	---	---	11.3	9.4	10.4	---	---	---
3	10.6	10.3	10.4	10.8	10.3	10.6	11.2	8.9	9.8	---	---	---
4	10.4	9.3	10.0	10.7	9.7	10.2	12.1	8.9	10.6	8.5	7.8	8.1
5	9.8	9.0	9.3	11.2	9.4	10.2	12.1	9.0	10.0	11.1	8.3	9.5
6	10.2	7.8	9.3	11.5	10.0	10.6	10.1	8.9	9.7	11.7	8.7	10.4
7	9.9	7.8	9.1	11.5	10.3	11.0	13.5	8.9	10.4	10.8	8.7	9.5
8	9.7	8.7	9.3	11.1	10.2	10.6	13.4	8.0	10.3	12.5	9.1	10.9
9	10.2	8.2	9.2	11.1	9.9	10.5	12.2	7.3	10.5	13.1	7.4	9.9
10	9.3	8.2	8.8	11.4	9.9	10.6	11.5	8.8	10.1	13.7	10.0	11.5
11	9.6	8.2	8.8	11.8	9.7	10.6	12.7	9.3	11.0	14.5	10.8	13.1
12	---	---	---	11.7	10.2	10.9	11.2	7.9	10.1	14.7	11.7	12.7
13	---	---	---	11.5	10.6	11.1	11.7	7.5	9.6	13.6	10.3	12.2
14	---	---	---	11.3	10.3	10.8	10.8	9.5	10.1	11.9	7.6	10.4
15	---	---	---	11.1	9.6	10.5	10.1	7.7	8.8	9.6	7.3	8.2
16	---	---	---	11.1	9.4	10.0	9.1	7.5	8.3	9.7	7.4	8.2
17	---	---	---	11.1	9.6	10.4	9.3	7.6	8.3	9.9	7.6	8.8
18	---	---	---	10.7	10.0	10.4	10.8	7.5	8.9	10.5	8.7	9.3
19	---	---	---	11.2	9.9	10.3	10.9	8.4	9.6	10.1	8.8	9.4
20	---	---	---	11.4	10.0	10.7	11.4	9.4	10.4	10.4	8.6	9.6
21	---	---	---	12.0	10.2	11.1	---	---	---	10.7	8.7	9.9
22	---	---	---	11.8	10.6	11.1	---	---	---	11.3	9.4	10.4
23	---	---	---	11.4	10.3	11.0	---	---	---	11.2	9.3	10.2
24	---	---	---	12.2	10.5	11.3	---	---	---	10.0	6.6	8.8
25	---	---	---	11.9	10.5	11.1	---	---	---	8.1	6.2	6.9
26	---	---	---	10.9	9.0	10.0	---	---	---	9.6	6.0	7.1
27	---	---	---	10.5	9.2	9.6	---	---	---	9.4	6.9	8.0
28	---	---	---	10.3	9.1	9.6	---	---	---	10.7	7.5	9.1
29	---	---	---	10.7	9.2	9.8	---	---	---	10.3	8.4	9.2
30	---	---	---	10.6	9.5	9.9	---	---	---	10.8	8.6	9.3
31	---	---	---	11.0	9.6	10.1	---	---	---	9.4	8.3	8.8
MONTH	10.8	7.8	9.6	12.2	9.0	10.5	13.5	7.3	9.9	14.7	6.0	9.6

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.4	8.8	9.5	12.2	8.1	9.9	11.1	8.3	9.6	9.2	6.0	7.3
2	10.6	8.3	9.1	12.7	7.5	9.7	10.2	8.8	9.5	8.2	5.7	7.2
3	10.4	8.1	9.5	11.9	8.4	9.6	10.9	8.0	9.0	8.9	6.3	7.4
4	11.8	9.1	10.2	10.2	7.3	8.7	11.7	7.2	9.1	7.7	5.4	6.7
5	10.3	9.1	9.7	10.9	7.3	9.2	11.5	7.9	9.7	7.2	5.3	6.2
6	10.7	8.8	9.6	9.9	7.2	8.4	11.8	7.8	9.6	8.0	4.8	6.1
7	12.9	8.6	10.4	10.0	6.5	8.0	11.6	8.6	9.6	---	---	---
8	12.2	9.7	11.0	9.8	6.2	7.9	11.2	7.6	9.0	---	---	---
9	12.3	10.1	10.9	7.9	6.9	7.2	9.0	6.4	7.2	---	---	---
10	10.5	8.6	9.6	7.1	5.8	6.6	---	---	---	---	---	---
11	8.8	7.9	8.3	6.5	4.4	5.4	---	---	---	---	---	---
12	9.1	7.1	8.1	4.8	3.8	4.3	---	---	---	---	---	---
13	10.2	6.7	8.5	4.8	3.3	4.1	---	---	---	---	---	---
14	11.1	8.2	9.5	6.2	3.7	4.9	---	---	---	---	---	---
15	11.1	8.4	9.7	8.7	5.0	6.6	---	---	---	7.4	6.0	6.5
16	9.9	7.6	8.8	9.1	6.0	7.7	---	---	---	6.8	5.7	6.2
17	10.4	7.2	8.5	9.3	7.8	8.6	---	---	---	8.2	5.7	6.7
18	9.7	7.1	8.8	11.1	8.6	9.4	12.1	8.1	9.8	8.2	6.2	7.2
19	10.0	7.5	8.5	10.8	8.4	9.4	12.4	8.0	9.8	8.3	6.7	7.5
20	8.4	7.2	7.7	11.0	8.5	9.7	9.1	5.2	7.0	7.9	6.8	7.3
21	9.0	6.6	7.7	11.0	8.8	9.8	10.4	4.9	7.4	9.2	6.3	7.1
22	10.1	7.3	8.6	10.6	8.6	9.4	9.3	5.8	7.3	8.6	6.4	7.3
23	13.0	7.1	10.2	10.8	8.5	9.6	7.8	5.4	6.4	9.4	6.4	7.8
24	11.7	9.7	10.6	10.5	8.1	9.5	5.8	4.6	5.2	9.4	6.9	8.1
25	10.6	7.8	9.1	10.7	8.3	9.4	8.3	4.0	5.4	9.1	7.4	8.2
26	10.3	6.8	8.6	10.6	8.9	9.7	10.9	3.8	7.5	8.4	7.5	8.0
27	9.8	7.1	8.6	10.5	9.1	9.8	11.1	7.4	9.1	7.7	6.8	7.4
28	10.2	7.2	8.4	10.7	8.8	9.8	9.1	5.3	6.8	8.4	6.3	7.2
29	9.9	7.3	8.6	10.3	9.0	9.6	---	---	---	9.5	6.8	8.0
30	11.1	7.1	8.9	10.7	8.4	9.5	---	---	---	9.2	6.7	7.9
31	---	---	---	10.5	8.4	9.6	---	---	---	---	---	---
MONTH	13.0	6.6	9.2	12.7	3.3	8.4	12.4	3.8	8.2	9.5	4.8	7.2
YEAR	14.7	3.3	9.1									

021677037 LITTLE SALUDA RIVER AT SALUDA, SC

LOCATION.--Lat 34°00'29'', long 81°44'30'', Saluda County, Hydrologic Unit 03050109, on downstream side of bridge on US Highway 378, 2.0 mi east of Saluda.

DRAINAGE AREA.--90.0 mi^2.

PERIOD OF RECORD.--May 1992 to current year.

GAGE.--Data collection platform. Elevation of gage is 370 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, and those less than 30 ft^3/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	.58	11	17	1280	19	38	195	1.3	20	.58	1.8
2	4.4	.73	9.1	18	1210	18	39	42	2.6	30	.54	1.9
3	4.1	.79	8.8	51	155	16	26	24	4.4	15	.63	1.7
4	4.1	.79	12	30	95	23	19	16	8.0	2.8	.89	1.3
5	3.8	.45	13	13	77	22	15	12	11	1.2	.81	1.7
6	3.8	.31	13	5.1	51	18	11	199	13	.74	.75	2.1
7	4.5	.23	13	2.3	42	17	6.5	172	12	.62	.86	2.6
8	214	.20	13	4.3	37	16	6.3	37	14	.45	.85	2.0
9	28	.19	14	3.4	33	17	5.2	22	16	.23	.86	1.7
10	5.8	.30	15	3.8	31	33	12	14	15	.15	1.1	1.3
11	.54	.33	9.8	9.1	29	29	6.9	4.8	13	69	.73	.58
12	.16	.26	9.9	11	27	22	2.1	1.3	e16	227	.88	.68
13	.09	.34	23	6.7	26	19	1.0	e1.3	16	48	1.0	.48
14	.05	.45	29	9.7	27	685	.59	1.6	16	34	1.1	.74
15	.06	8.2	20	23	22	306	2.5	27	11	17	1.1	.77
16	.07	2.3	21	33	23	87	5.9	9.6	20	8.3	1.3	.69
17	.15	18	21	267	21	49	8.5	1.4	32	3.1	1.8	.72
18	.21	20	18	574	25	35	8.2	.73	25	1.1	1.5	.61
19	.24	15	14	61	39	28	7.9	.39	18	.80	.24	.57
20	.26	8.4	11	30	83	23	5.2	.31	12	.58	.13	.81
21	.32	3.2	11	20	36	24	7.2	.41	7.5	.43	.12	3.1
22	.37	2.9	17	13	26	44	7.9	.49	5.6	.39	.21	.62
23	.32	2.9	15	304	21	27	10	.79	2.8	.55	8.2	.55
24	.33	4.5	20	781	19	21	12	1.4	1.6	5.1	13	.62
25	.50	4.9	29	134	20	20	16	3.0	6.8	64	33	.62
26	.47	5.1	32	50	17	59	16	6.0	3.1	17	347	.53
27	.51	5.4	22	32	16	50	18	8.7	8.9	3.9	31	13
28	.58	8.2	17	24	18	32	24	7.3	13	.71	12	32
29	.49	6.6	13	20	---	24	33	6.6	43	.52	2.7	32
30	.56	10	12	44	---	20	168	6.3	57	.50	1.3	16
31	.50	---	14	75	---	19	---	3.6	---	.58	1.1	---
TOTAL	283.38	131.55	500.6	2669.4	3506	1822	538.89	826.02	425.6	573.75	467.28	123.79
MEAN	9.14	4.39	16.1	86.1	125	58.8	18.0	26.6	14.2	18.5	15.1	4.13
MAX	214	20	32	781	1280	685	168	199	57	227	347	32
MIN	.05	.19	8.8	2.3	16	16	.59	.31	1.3	.15	.12	.48
CFSM	.10	.05	.18	.96	1.39	.65	.20	.30	.16	.21	.17	.05
IN.	.12	.05	.21	1.10	1.45	.75	.22	.34	.18	.24	.19	.05

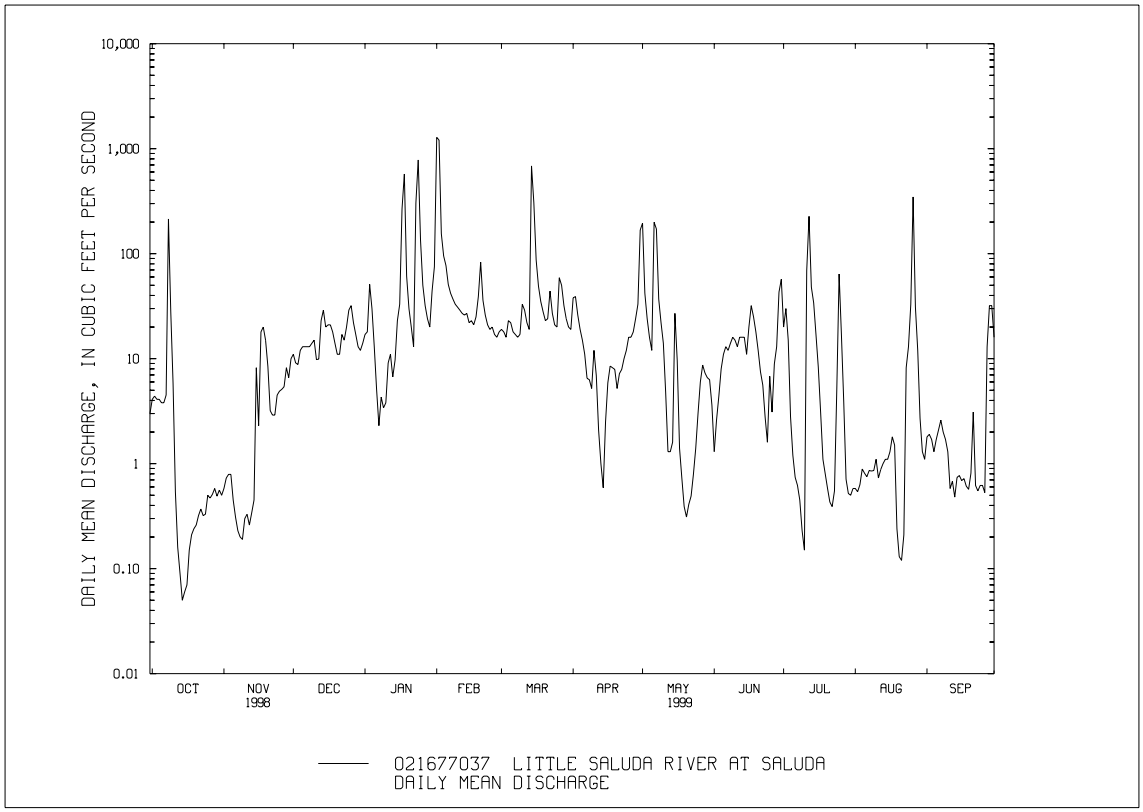
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1999, BY WATER YEAR (WY)

MEAN	45.0	81.6	119	211	251	212	63.6	37.9	47.8	30.9	42.3	24.3
MAX	85.0	271	363	422	491	454	160	113	209	132	235	94.3
(WY)	1993	1993	1995	1993	1995	1993	1998	1998	1994	1997	1994	1998
MIN	9.14	4.38	16.1	86.1	125	58.8	15.8	7.90	2.04	1.34	.48	2.51
(WY)	1999	1999	1999	1999	1999	1999	1995	1993	1993	1993	1993	1992

021677037 LITTLE SALUDA RIVER AT SALUDA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1992 - 1999	
ANNUAL TOTAL	40440.14		11868.26			
ANNUAL MEAN	111		32.5		97.2	
HIGHEST ANNUAL MEAN					145	1993
LOWEST ANNUAL MEAN					32.5	1999
HIGHEST DAILY MEAN	3980	Mar 9	1280	Feb 1	4720	Dec 23 1994
LOWEST DAILY MEAN	.05	Oct 14	.05	Oct 14	.05	Oct 14 1998
ANNUAL SEVEN-DAY MINIMUM	.11	Oct 12	.11	Oct 12	.11	Oct 12 1998
INSTANTANEOUS PEAK FLOW			3330	Feb 2	6340	Dec 23 1994
INSTANTANEOUS PEAK STAGE			16.86	Feb 2	18.28	Dec 23 1994
ANNUAL RUNOFF (CFSM)	1.23		.36		1.08	
ANNUAL RUNOFF (INCHES)	16.72		4.91		14.68	
10 PERCENT EXCEEDS	162		42		151	
50 PERCENT EXCEEDS	14		9.6		15	
90 PERCENT EXCEEDS	.75		.48		1.3	

e Estimated



02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 34°04'46'', long 81°33'43'', Saluda County, Hydrologic Unit Code 03050109, at center of Hwy 391 Bridge, 2.3 mi north of Hwy 378 Traffic Circle, 16.3 mi east of Saluda, and 15.9 mi south of Prosperity.

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (TOP, MIDDLE, BOTTOM): February 1993 to current year.

DISSOLVED OXYGEN (TOP, MIDDLE, BOTTOM): February 1993 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (TOP): Maximum, 34.5°C, Jun. 29, 1998, Aug. 1, 18, 19, 1999; minimum, 4.0°C, Jan. 20-22, 1994.

WATER TEMPERATURE (MIDDLE): Maximum, 32.5°C, Aug. 8, 1999; minimum, 3.5°C, Jan. 20-22, 1994.

WATER TEMPERATURE (BOTTOM): Maximum, 30.5°C, Aug. 27-30, 1993, Jul. 24, 1997, on several days during Aug. 1999; minimum, 4.0°C, Jan. 20-22, 1994.

DISSOLVED OXYGEN (TOP): Maximum, 17.2 mg/L, May 12, 1998; minimum, 0.0 mg/L, Oct. 2, 4, 5, 1994, on many days during 1993-99.

DISSOLVED OXYGEN (MIDDLE): Maximum, 13.1 mg/L, Jan 11, 1999; minimum, 0.0 mg/L, on many days during 1993-99.

DISSOLVED OXYGEN (BOTTOM): Maximum, 11.9 mg/L, May 1, 1999; minimum, 0.0 mg/L, on many days during 1993-99.

EXTREMES FOR CURRENT WATER YEAR.--

WATER TEMPERATURE (TOP): Maximum, 34.5°C, Aug. 1, 18, 19; minimum 6.5°C, Jan. 6, 7.

WATER TEMPERATURE (MIDDLE): Maximum, 32.5°C, Aug. 8; minimum, 6.5°C, Jan. 6, 7.

WATER TEMPERATURE (BOTTOM): Maximum, 30.5°C on several days during August; minimum, 7.0°C, Jan. 5-8.

DISSOLVED OXYGEN (TOP): Maximum, 13.7 mg/L, Jan. 14; minimum, 3.9 mg/L, Jun. 30, Aug. 24, 25.

DISSOLVED OXYGEN (MIDDLE): Maximum, 13.1 mg/L, Jan. 11; minimum, 0.0 mg/L on many days during May to July.

DISSOLVED OXYGEN (BOTTOM): Maximum, 11.9 mg/L, May 1; minimum, 0.0 mg/L on many days dur October to December and May to September.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

						TOP					
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	26.5	26.5	21.5	21.0	21.0	17.5	15.5	16.5	10.0	9.0	9.5
2	26.5	25.5	26.0	21.5	21.0	21.0	17.5	15.5	16.0	9.5	8.0	8.5
3	26.5	25.5	25.5	22.0	21.0	21.5	17.0	16.0	16.5	8.5	8.0	8.0
4	26.0	25.5	25.5	21.5	20.0	20.5	17.5	15.5	16.0	8.0	7.5	7.5
5	26.5	25.5	26.0	20.0	19.0	19.5	17.0	16.0	16.5	7.5	7.0	7.0
6	26.0	25.5	25.5	19.0	18.5	19.0	18.0	16.0	17.0	7.0	6.5	6.5
7	25.5	25.0	25.0	18.5	18.0	18.0	17.5	16.5	17.0	7.5	6.5	7.0
8	26.0	25.0	25.0	18.0	17.5	17.5	18.0	17.0	17.5	8.0	7.0	7.0
9	25.5	24.5	25.0	17.5	17.5	17.5	17.5	17.0	17.5	7.5	7.0	7.5
10	25.5	24.0	24.5	18.5	17.5	17.5	17.0	16.5	16.5	8.0	7.0	7.5
11	25.0	24.0	24.0	18.0	17.5	17.5	16.5	16.0	16.0	8.0	7.0	7.5
12	25.0	23.5	24.0	18.0	17.0	17.5	16.0	15.0	15.5	8.0	7.0	7.5
13	25.0	23.5	24.0	17.0	17.0	17.0	15.0	14.5	14.5	8.5	7.5	8.0
14	25.0	23.5	24.0	17.0	16.5	16.5	14.5	14.0	14.0	9.5	8.0	8.5
15	24.5	23.5	23.5	17.0	16.5	17.0	14.0	12.5	13.0	9.0	8.0	9.0
16	24.0	23.5	23.5	17.0	16.5	17.0	13.0	12.5	12.5	10.0	8.5	9.0
17	24.0	23.0	23.5	18.5	16.5	17.5	12.5	11.5	12.0	9.0	8.5	9.0
18	24.0	23.0	23.0	17.5	16.5	17.0	12.5	11.0	11.5	10.0	9.0	9.5
19	24.5	23.0	23.5	17.0	16.5	16.5	12.0	11.0	11.5	10.5	9.5	10.0
20	23.5	23.0	23.5	17.0	16.5	17.0	12.5	11.5	12.0	11.0	9.5	10.0
21	23.0	22.5	22.5	17.0	16.5	16.5	14.5	12.5	13.5	11.5	10.0	10.5
22	22.5	21.5	22.0	16.5	16.0	16.0	14.0	13.5	13.5	11.5	10.5	10.5
23	21.5	20.5	21.0	17.0	15.5	16.0	13.5	12.0	12.5	12.0	10.5	11.5
24	21.0	20.5	20.5	17.5	16.0	16.5	12.0	11.0	11.5	13.5	11.5	12.5
25	21.0	20.0	20.5	16.5	16.0	16.5	11.0	10.5	11.0	14.0	13.0	13.5
26	21.5	20.0	20.5	17.0	16.0	16.5	10.5	10.0	10.0	13.5	12.5	13.0
27	21.0	20.0	20.5	17.0	15.5	16.0	11.0	10.0	10.0	14.0	13.0	13.5
28	21.5	20.5	21.0	17.5	15.5	16.0	10.5	9.5	10.0	14.0	13.0	13.5
29	21.0	20.0	20.5	17.0	15.5	16.0	10.5	9.5	10.0	14.5	13.0	13.5
30	21.5	20.5	21.0	17.0	15.5	16.0	9.5	9.5	9.5	14.5	13.0	13.5
31	21.5	20.5	21.0	---	---	---	9.5	9.0	9.5	13.0	11.5	12.5
MONTH	27.5	20.0	23.3	22.0	15.5	17.5	18.0	9.0	13.6	14.5	6.5	9.7

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	10.5	11.5	12.0	11.0	11.5	17.0	15.5	16.0	18.5	18.0	18.5
2	10.5	9.0	9.5	11.5	11.0	11.5	16.5	16.0	16.0	19.0	17.5	18.5
3	10.5	9.0	9.5	12.0	11.0	11.5	17.0	15.5	16.5	18.5	17.5	18.0
4	10.5	9.0	10.0	12.0	10.5	11.0	21.5	16.5	19.0	18.5	17.5	18.0
5	10.5	10.0	10.0	11.5	11.0	11.0	20.0	15.5	18.0	19.0	17.5	18.0
6	11.0	10.0	10.5	12.5	11.0	11.5	20.5	17.0	19.0	20.5	17.0	18.5
7	11.5	10.5	11.0	12.5	11.5	12.0	20.5	19.0	19.5	20.0	18.5	19.5
8	12.5	11.0	11.5	12.0	11.5	11.5	21.0	19.0	19.5	22.0	19.5	20.5
9	12.0	11.5	11.5	11.5	11.0	11.5	21.5	19.0	21.0	22.0	20.5	21.0
10	13.0	11.5	12.0	12.0	11.0	11.0	21.0	19.5	20.0	21.0	18.5	20.0
11	13.5	11.5	12.0	13.0	11.0	11.5	23.0	20.0	21.5	22.0	19.0	20.5
12	15.0	12.0	13.5	11.5	11.0	11.5	22.0	19.5	21.0	23.5	20.5	22.5
13	13.5	12.0	12.5	12.0	11.0	11.5	20.5	19.0	20.0	25.0	22.0	23.5
14	12.0	11.5	12.0	11.5	11.0	11.0	20.0	19.0	19.5	23.5	22.0	23.0
15	13.0	11.5	12.0	11.5	11.0	11.0	20.0	19.0	19.5	22.5	22.0	22.5
16	13.0	11.5	12.0	13.5	11.0	11.5	19.5	19.0	19.0	23.5	22.0	22.5
17	13.0	12.0	12.0	12.5	11.0	11.5	19.0	18.0	18.5	23.5	22.5	23.0
18	13.5	12.0	12.5	13.0	11.0	12.0	19.0	17.5	18.0	24.0	22.5	23.5
19	13.0	12.0	12.5	13.0	11.5	12.0	19.5	17.5	18.0	24.5	23.0	23.5
20	14.0	12.0	12.5	14.0	12.0	12.5	19.5	17.5	18.5	24.5	23.5	24.0
21	12.5	11.5	12.0	14.0	12.0	13.5	19.5	17.5	18.5	25.0	23.5	24.0
22	12.0	11.5	11.5	15.5	13.5	14.0	21.5	18.5	19.5	26.0	23.5	24.5
23	11.5	11.0	11.0	16.5	13.5	14.5	22.5	19.0	20.0	26.0	23.5	25.0
24	11.0	10.5	10.5	16.5	14.0	15.5	22.0	17.0	20.0	25.5	23.5	24.5
25	11.0	10.0	10.5	16.5	14.0	15.5	22.0	20.0	21.0	24.5	23.5	24.0
26	10.5	10.5	10.5	15.5	13.0	14.5	21.5	21.5	21.5	24.0	23.0	24.0
27	12.0	10.5	11.0	15.5	14.0	14.5	22.0	21.0	21.5	24.0	23.0	23.5
28	11.5	10.5	11.0	16.5	14.0	15.0	22.5	21.0	22.0	24.0	23.0	23.5
29	---	---	---	16.0	14.5	15.0	21.5	20.0	21.0	24.5	23.5	24.0
30	---	---	---	15.5	14.5	15.0	20.0	18.5	19.5	25.0	23.5	24.5
31	---	---	---	15.5	15.0	15.5	---	---	---	26.0	25.0	25.5
MONTH	15.0	9.0	11.4	16.5	10.5	12.7	23.0	15.5	19.4	26.0	17.0	22.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	25.0	26.5	29.0	27.0	28.0	34.5	31.5	33.0	29.0	27.5	28.0
2	27.5	26.0	26.5	29.0	27.5	28.0	33.0	31.5	32.0	29.0	27.0	28.0
3	28.5	26.0	27.0	29.5	28.0	28.5	33.0	31.0	32.0	28.5	27.5	28.0
4	28.0	26.5	27.0	30.5	29.0	29.5	33.0	31.5	32.0	28.5	27.0	27.5
5	28.0	27.0	27.5	32.0	30.0	31.0	33.0	31.5	32.0	27.5	27.0	27.5
6	28.5	27.0	27.5	---	---	---	33.5	31.5	32.5	29.0	27.0	28.0
7	29.0	27.5	28.0	---	---	---	33.0	32.0	32.5	29.0	27.5	28.0
8	29.5	28.0	28.5	---	---	---	33.0	32.0	32.5	29.0	28.0	28.5
9	30.5	28.5	29.5	---	---	---	32.5	31.5	32.0	30.0	28.0	29.0
10	30.0	29.0	29.5	---	---	---	32.5	31.0	32.0	29.0	27.5	28.5
11	30.0	28.5	29.0	---	---	---	34.0	31.5	32.0	29.5	27.5	28.0
12	29.0	28.0	28.5	---	---	---	33.0	32.0	32.0	28.5	27.5	28.0
13	30.5	28.0	29.0	---	---	---	33.5	32.0	32.5	28.5	27.5	28.0
14	30.5	28.5	29.5	---	---	---	33.5	32.0	32.5	28.5	27.0	27.5
15	30.0	29.0	29.5	---	---	---	32.5	31.5	32.0	27.5	26.0	27.0
16	29.0	28.0	28.5	27.5	26.5	27.0	33.0	31.5	32.0	26.0	25.5	26.0
17	28.5	27.5	28.0	28.5	27.5	28.0	34.0	31.5	32.5	26.0	25.0	25.5
18	28.0	27.0	27.5	30.0	27.5	28.5	34.5	31.5	33.0	26.5	25.0	25.5
19	28.0	26.5	27.0	30.5	28.0	29.0	34.5	31.5	32.5	26.0	25.0	25.5
20	27.0	26.0	26.5	31.5	28.0	29.5	31.5	31.0	31.0	25.5	24.5	25.0
21	26.0	25.5	26.0	31.5	29.5	30.5	32.0	30.5	31.0	26.0	24.5	25.0
22	26.5	25.5	26.0	32.0	30.0	31.0	31.5	30.0	30.5	24.5	24.0	24.5
23	27.0	25.5	26.0	33.5	31.0	32.0	30.5	30.0	30.0	24.5	23.5	24.0
24	27.0	26.0	26.5	33.0	30.0	32.5	30.0	29.0	29.5	25.0	23.5	24.0
25	27.0	26.0	26.5	32.0	30.5	31.5	30.5	29.0	29.5	24.5	23.5	24.0
26	27.5	26.0	26.5	33.5	31.5	32.5	30.5	28.5	29.5	25.5	24.0	24.5
27	27.5	26.5	27.0	33.5	31.5	32.0	32.0	29.0	30.0	25.0	24.5	24.5
28	28.0	26.5	27.0	34.0	31.0	32.0	31.0	29.5	30.0	25.0	24.5	24.5
29	28.0	27.0	27.5	33.0	31.5	32.0	30.0	29.5	29.5	25.5	24.5	25.0
30	29.0	27.0	28.0	33.0	31.0	32.0	29.5	28.5	29.0	25.0	24.0	24.5
31	---	---	---	33.5	31.0	32.0	28.5	28.0	28.0	---	---	---
MONTH	30.5	25.0	27.6	34.0	26.5	30.3	34.5	28.0	31.3	30.0	23.5	26.4
YEAR	34.5	6.5	20.2									

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.5	26.0	26.5	20.5	19.5	20.0	15.5	15.5	15.5	9.5	9.0	9.5
2	26.5	26.0	26.0	20.5	20.0	20.0	15.5	15.5	15.5	9.5	8.5	9.0
3	26.0	25.5	25.5	21.5	20.0	20.5	16.5	15.5	16.0	8.5	8.0	8.5
4	26.0	25.5	25.5	21.0	20.0	20.5	16.0	15.5	16.0	8.0	7.5	7.5
5	26.0	25.0	25.5	20.0	19.0	19.5	16.5	16.0	16.0	7.5	7.0	7.0
6	25.5	25.5	25.5	19.0	18.5	18.5	17.0	16.0	16.5	7.0	6.5	7.0
7	25.5	25.0	25.0	18.5	17.5	18.0	17.0	16.5	16.5	7.5	6.5	7.0
8	25.5	25.0	25.0	17.5	17.0	17.5	17.5	16.5	17.0	7.5	7.0	7.0
9	25.0	24.5	25.0	17.5	17.0	17.0	17.5	17.0	17.0	7.5	7.0	7.5
10	25.0	24.0	24.5	18.0	17.0	17.5	17.0	16.5	16.5	8.0	7.0	7.5
11	24.0	24.0	24.0	18.0	17.5	17.5	16.5	16.0	16.0	8.0	7.0	7.5
12	24.0	23.5	23.5	17.5	17.0	17.0	16.0	15.0	15.5	8.0	7.5	7.5
13	24.0	23.5	23.5	17.0	17.0	17.0	15.0	14.5	14.5	8.5	7.5	8.0
14	24.0	23.5	23.5	17.0	16.5	16.5	14.5	14.0	14.0	9.5	8.0	8.5
15	23.5	23.0	23.5	17.0	16.5	16.5	14.0	13.0	13.5	9.0	8.0	9.0
16	23.5	23.0	23.0	17.0	16.5	16.5	13.0	12.5	12.5	9.5	8.5	9.0
17	23.0	23.0	23.0	17.5	16.5	17.0	12.5	12.0	12.0	9.0	9.0	9.0
18	23.0	22.5	23.0	17.0	16.5	16.5	12.0	11.5	11.5	10.0	9.0	9.5
19	23.0	22.5	23.0	17.0	16.5	16.5	11.5	11.0	11.5	10.0	9.5	9.5
20	23.5	23.0	23.0	17.0	16.5	17.0	11.5	11.5	11.5	11.0	9.5	10.0
21	23.0	22.5	22.5	17.0	16.5	16.5	13.0	11.5	11.5	11.5	10.0	10.5
22	22.5	21.5	22.0	16.5	16.0	16.0	14.0	12.0	13.5	11.5	10.0	10.5
23	21.5	20.5	21.0	16.0	15.5	16.0	13.5	12.0	12.5	11.5	10.0	11.0
24	20.5	20.0	20.5	16.5	15.5	16.0	12.0	11.5	11.5	13.5	11.0	12.5
25	20.0	20.0	20.0	16.0	15.5	16.0	11.5	10.5	11.0	14.0	12.5	13.5
26	20.0	19.5	20.0	16.5	16.0	16.0	10.5	10.0	10.5	13.5	12.5	13.0
27	20.0	19.0	19.5	16.0	15.5	15.5	10.0	10.0	10.0	14.0	12.5	13.0
28	20.5	19.0	19.5	15.5	15.5	15.5	10.5	10.0	10.0	14.0	12.5	13.0
29	20.0	19.5	19.5	16.0	15.5	15.5	10.5	10.0	10.0	14.0	12.0	13.0
30	20.0	19.5	19.5	16.0	15.5	15.5	10.0	9.5	9.5	13.5	12.5	13.0
31	20.0	19.5	19.5	---	---	---	9.5	9.0	9.5	13.0	11.5	12.5
MONTH	26.5	19.0	22.9	21.5	15.5	17.2	17.5	9.0	13.4	14.0	6.5	9.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	10.5	11.5	11.5	11.0	11.5	16.0	15.0	15.5	17.5	17.0	17.0
2	10.5	9.0	9.5	11.5	11.0	11.0	16.0	15.5	16.0	17.5	16.0	16.5
3	9.5	9.0	9.0	12.0	11.0	11.5	16.0	15.5	15.5	16.5	15.5	16.0
4	10.5	9.0	10.0	12.0	11.0	11.0	17.5	15.5	16.5	16.5	16.0	16.0
5	10.0	10.0	10.0	11.5	11.0	11.0	17.5	15.5	16.5	17.0	16.0	16.5
6	10.5	10.0	10.0	12.5	11.0	11.5	19.0	16.5	18.0	18.0	15.5	16.5
7	11.5	10.5	11.0	12.5	12.0	12.0	19.0	18.5	19.0	18.5	16.5	17.0
8	11.5	11.0	11.0	12.0	12.0	12.0	19.0	18.0	18.5	18.0	17.0	17.5
9	11.5	11.0	11.0	12.0	11.5	11.5	21.0	17.5	18.0	17.5	17.0	17.5
10	11.5	11.0	11.5	12.0	11.0	11.5	20.5	16.5	18.5	17.5	17.0	17.0
11	12.0	11.5	11.5	12.5	11.0	11.5	22.0	17.5	19.0	18.5	17.5	18.0
12	14.0	11.5	12.5	12.0	11.5	11.5	21.5	15.5	17.5	19.5	18.0	18.5
13	13.0	12.0	12.5	12.5	11.5	12.0	19.5	15.5	18.0	21.5	19.0	20.5
14	12.0	11.5	11.5	12.0	11.5	11.5	19.0	16.5	17.5	20.0	18.5	19.0
15	12.5	11.5	11.5	12.0	11.5	11.5	20.0	17.5	19.0	21.5	18.5	20.0
16	12.5	11.5	11.5	12.0	11.5	11.5	19.5	18.5	19.0	22.0	21.0	21.5
17	12.5	11.5	12.0	12.0	10.0	11.5	18.5	16.5	18.0	22.0	21.5	21.5
18	13.0	12.0	12.0	12.5	10.0	11.0	18.5	16.0	17.0	22.5	21.5	22.0
19	13.0	12.0	12.0	12.0	11.0	11.5	18.0	15.0	16.5	22.0	21.5	22.0
20	12.0	12.0	12.0	12.5	11.0	11.5	19.5	14.5	16.5	22.5	21.0	22.0
21	12.0	11.5	12.0	14.0	11.5	12.5	18.0	14.0	16.0	22.0	21.0	21.5
22	12.0	11.5	11.5	14.0	12.5	13.0	17.5	16.5	17.0	22.0	20.5	21.0
23	11.5	11.0	11.0	14.0	13.0	13.5	20.0	16.0	17.0	21.0	20.0	20.5
24	11.0	10.5	10.5	16.0	13.0	14.0	19.0	14.5	16.5	20.5	17.5	19.0
25	10.5	10.0	10.5	15.5	12.5	13.5	20.5	17.0	18.5	18.5	17.0	18.0
26	10.5	10.0	10.5	15.5	12.0	14.0	20.5	19.5	20.0	18.5	17.0	17.5
27	11.5	10.5	10.5	15.0	14.0	14.0	20.5	19.5	20.0	20.0	18.0	18.5
28	11.5	10.0	11.0	16.0	14.0	14.5	21.0	19.0	20.0	21.0	19.5	20.5
29	---	---	---	15.5	14.0	14.5	20.5	19.0	19.5	22.5	21.0	21.5
30	---	---	---	15.0	14.0	14.5	19.0	17.5	18.0	22.5	21.5	22.0
31	---	---	---	15.5	14.5	15.0	---	---	---	24.0	22.0	23.0
MONTH	14.0	9.0	11.1	16.0	10.0	12.3	22.0	14.0	17.8	24.0	15.5	19.2

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	22.5	23.0	25.5	24.0	25.0	29.0	27.0	27.5	27.5	27.0	27.5
2	25.5	23.0	24.0	25.5	24.5	25.0	29.0	27.5	28.5	27.5	27.0	27.0
3	25.0	23.0	24.0	25.5	25.0	25.0	31.0	29.0	30.0	28.0	27.0	27.5
4	24.5	23.0	23.5	26.0	25.0	25.5	32.0	31.0	31.5	28.0	27.0	27.5
5	25.0	23.5	24.0	26.5	25.0	26.0	31.5	31.0	31.5	27.5	27.0	27.5
6	25.5	24.5	25.0	---	---	---	31.5	31.0	31.0	27.0	27.0	27.0
7	26.5	25.0	25.5	---	---	---	31.0	31.0	31.0	27.0	27.0	27.0
8	26.0	24.5	25.5	---	---	---	32.5	31.0	31.5	27.5	27.0	27.0
9	24.5	24.0	24.5	---	---	---	32.0	30.0	30.5	28.0	27.0	27.5
10	25.5	24.0	24.5	---	---	---	31.0	30.0	31.0	28.0	27.0	27.5
11	26.5	25.0	25.5	---	---	---	31.0	30.5	31.0	27.5	27.5	27.5
12	27.5	26.0	27.0	---	---	---	31.0	30.5	30.5	27.5	27.0	27.5
13	27.5	27.0	27.5	---	---	---	31.5	30.5	31.0	27.5	27.0	27.0
14	27.5	26.5	27.0	---	---	---	32.0	30.5	31.0	28.0	27.0	27.5
15	27.5	26.0	27.0	---	---	---	32.0	31.0	31.5	27.5	26.5	27.0
16	28.5	27.0	27.5	26.0	25.5	26.0	31.5	31.0	31.0	26.5	26.0	26.0
17	27.5	27.0	27.5	26.0	25.5	26.0	31.5	31.0	31.0	26.0	25.0	25.5
18	27.5	27.0	27.0	26.0	25.5	25.5	31.5	31.0	31.0	25.5	25.0	25.0
19	27.5	26.5	27.0	26.0	25.5	26.0	31.5	30.5	31.0	25.5	25.0	25.0
20	26.5	26.0	26.0	26.0	25.5	26.0	31.5	30.5	31.0	25.0	25.0	25.0
21	26.0	25.5	25.5	26.0	25.5	26.0	30.5	30.0	30.5	25.0	24.5	24.5
22	25.5	25.0	25.5	26.5	26.0	26.0	30.5	30.0	30.0	24.5	24.0	24.5
23	25.5	25.0	25.5	26.5	26.0	26.5	30.5	29.5	30.0	24.0	23.5	24.0
24	25.5	25.0	25.0	27.0	26.0	26.5	29.5	29.0	29.5	24.0	23.5	23.5
25	25.5	25.0	25.0	26.5	26.0	26.5	29.0	28.5	29.0	23.5	23.5	23.5
26	25.5	25.0	25.0	27.0	26.0	26.5	29.5	28.5	29.0	25.0	23.5	23.5
27	25.5	25.0	25.0	27.0	26.5	27.0	29.0	28.5	28.5	24.5	23.5	24.0
28	26.0	25.0	25.5	27.5	26.5	27.0	29.0	28.0	28.5	24.5	24.0	24.0
29	27.0	24.5	25.5	28.0	26.5	27.5	29.0	28.0	28.5	25.0	24.0	24.5
30	26.0	24.0	25.0	27.5	27.0	27.5	28.5	28.0	28.5	25.0	24.0	24.5
31	---	---	---	28.0	27.0	27.5	28.5	27.5	28.0	---	---	---
MONTH	28.5	22.5	25.5	28.0	24.0	26.2	32.5	27.0	30.1	28.0	23.5	25.9
YEAR	32.5	6.5	19.1									

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	26.0	26.0	19.5	19.5	19.5	15.5	15.0	15.5	9.5	9.0	9.5
2	26.0	26.0	26.0	20.0	19.5	19.5	15.5	15.0	15.5	9.5	8.5	9.0
3	26.0	25.5	25.5	20.5	19.5	20.0	15.5	15.0	15.0	8.5	8.5	8.5
4	25.5	25.5	25.5	20.5	20.0	20.0	15.5	15.0	15.0	8.5	7.5	8.0
5	25.5	25.0	25.5	20.0	19.0	19.5	16.0	15.0	15.5	7.5	7.0	7.5
6	25.5	25.0	25.0	19.0	18.5	18.5	16.0	15.0	15.5	7.5	7.0	7.0
7	25.5	25.0	25.5	18.5	17.5	18.0	16.0	15.5	15.5	7.5	7.0	7.0
8	25.5	25.0	25.0	17.5	17.0	17.5	16.5	15.5	15.5	7.5	7.0	7.5
9	25.0	24.5	25.0	17.5	17.0	17.0	17.0	16.0	16.5	8.0	7.5	7.5
10	24.5	24.0	24.5	17.5	16.5	17.0	16.5	16.0	16.5	8.0	7.5	7.5
11	24.0	24.0	24.0	18.0	17.5	17.5	16.5	16.0	16.0	8.0	7.5	7.5
12	24.0	23.5	23.5	17.5	17.0	17.0	16.0	15.0	15.5	8.0	7.5	7.5
13	23.5	23.5	23.5	17.0	16.5	17.0	15.0	14.5	15.0	8.0	8.0	8.0
14	23.5	23.5	23.5	17.0	16.5	16.5	14.5	14.0	14.0	8.0	8.0	8.0
15	23.5	23.0	23.0	16.5	16.5	16.5	14.0	13.0	13.5	9.0	8.0	8.5
16	23.0	23.0	23.0	16.5	16.5	16.5	13.0	12.0	12.5	9.0	8.5	9.0
17	23.0	22.5	23.0	17.0	16.5	16.5	12.0	12.0	12.0	9.0	9.0	9.0
18	23.0	22.5	22.5	16.5	16.0	16.5	12.0	11.0	11.5	10.0	9.0	9.5
19	23.0	22.5	22.5	16.5	16.5	16.5	11.5	11.0	11.0	10.0	9.5	9.5
20	22.5	22.5	22.5	17.0	16.5	16.5	11.0	10.5	11.0	10.5	9.5	10.0
21	22.5	22.0	22.5	16.5	16.0	16.5	11.0	10.0	10.5	10.0	9.5	10.0
22	22.5	21.5	22.0	16.0	15.5	16.0	11.5	10.0	10.5	10.0	10.0	10.0
23	21.5	20.5	20.5	16.0	15.5	15.5	12.5	11.0	11.5	11.5	10.0	10.5
24	20.5	20.0	20.0	16.0	15.5	15.5	12.0	11.5	11.5	13.5	11.0	12.5
25	20.0	19.5	20.0	16.0	15.5	16.0	11.5	10.5	11.0	13.5	12.5	13.0
26	19.5	19.5	19.5	16.0	15.5	16.0	10.5	10.0	10.5	13.0	12.5	12.5
27	20.0	19.0	19.5	16.0	15.5	15.5	10.0	9.5	10.0	12.5	11.5	12.0
28	19.5	19.0	19.5	15.5	15.5	15.5	10.0	9.5	9.5	12.0	11.5	11.5
29	20.0	19.5	19.5	15.5	15.5	15.5	10.0	9.5	9.5	12.0	11.0	11.5
30	19.5	19.5	19.5	15.5	15.0	15.5	10.0	9.5	10.0	12.5	11.0	11.5
31	19.5	19.0	19.5	---	---	---	9.5	9.5	9.5	12.5	11.5	12.0
MONTH	26.0	19.0	22.8	20.5	15.0	17.0	17.0	9.5	13.0	13.5	7.0	9.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	10.0	11.0	10.5	10.0	10.0	14.0	13.0	13.5	17.5	16.5	17.0
2	10.5	8.5	9.0	10.5	10.0	10.0	14.0	13.5	13.5	16.5	14.0	15.0
3	9.0	8.5	9.0	10.5	10.0	10.0	14.0	13.5	14.0	14.5	14.0	14.5
4	10.0	9.0	9.5	10.0	9.5	10.0	15.0	13.5	14.0	14.5	14.0	14.0
5	9.5	9.0	9.0	10.0	9.5	10.0	15.0	14.0	14.5	15.0	14.0	14.5
6	9.5	9.0	9.0	11.0	10.0	10.0	15.0	14.5	15.0	16.0	14.0	15.0
7	10.5	9.0	9.5	10.5	10.5	10.5	15.0	14.5	15.0	15.5	15.0	15.0
8	10.5	10.0	10.0	10.5	10.5	10.5	15.0	14.5	14.5	15.5	15.0	15.0
9	10.0	10.0	10.0	10.5	10.0	10.5	15.5	14.5	15.0	15.5	15.0	15.5
10	10.0	10.0	10.0	10.0	9.5	10.0	15.0	13.5	14.0	16.0	15.5	15.5
11	10.5	10.0	10.0	10.0	9.5	10.0	14.5	13.5	14.0	16.5	15.5	16.0
12	12.5	10.0	11.0	10.0	9.5	10.0	14.0	13.0	13.5	16.5	16.0	16.5
13	12.0	11.0	11.5	10.5	10.0	10.0	13.0	12.5	13.0	16.5	16.0	16.5
14	11.0	10.5	10.5	10.0	10.0	10.0	13.0	12.5	12.5	17.0	16.0	16.5
15	10.5	10.5	10.5	10.0	10.0	10.0	14.5	13.0	13.5	17.0	16.5	17.0
16	10.5	10.5	10.5	10.0	9.0	9.5	15.0	13.5	14.5	17.5	17.0	17.0
17	11.0	10.5	10.5	10.0	9.0	9.5	14.0	13.0	13.5	18.0	17.0	17.5
18	11.5	10.5	11.0	10.5	10.0	10.5	13.5	13.0	13.0	18.5	17.5	18.0
19	11.5	10.5	11.0	10.5	10.0	10.0	13.0	12.5	13.0	18.5	17.5	18.0
20	11.0	10.5	11.0	10.5	10.0	10.0	13.0	12.5	13.0	18.0	17.0	17.5
21	11.0	10.5	10.5	11.5	10.0	10.5	13.0	13.0	13.0	18.0	17.0	17.5
22	10.5	10.0	10.5	11.0	10.5	10.5	13.0	13.0	13.0	20.0	16.5	18.0
23	10.0	10.0	10.0	11.0	10.5	11.0	14.0	13.0	13.5	19.5	17.5	18.5
24	10.0	9.5	9.5	11.5	10.5	11.0	15.0	13.0	14.0	19.0	17.0	18.0
25	9.5	9.0	9.0	11.5	11.0	11.0	15.0	14.0	14.5	17.0	16.0	16.5
26	9.5	9.0	9.0	13.0	11.5	12.0	15.0	14.5	14.5	16.0	15.5	16.0
27	9.5	9.0	9.0	13.0	12.0	12.5	16.0	15.0	15.5	16.5	15.5	16.0
28	10.5	9.0	9.5	13.0	12.0	12.5	18.5	15.5	17.0	18.0	16.5	17.5
29	---	---	---	13.0	12.0	12.5	19.0	17.0	18.0	19.5	17.5	18.0
30	---	---	---	13.5	12.5	13.0	19.0	17.5	18.0	---	---	---
31	---	---	---	14.0	12.5	13.5	---	---	---	---	---	---
MONTH	12.5	8.5	10.0	14.0	9.0	10.7	19.0	12.5	14.2	20.0	14.0	16.5

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	24.0	21.5	23.0	26.5	26.0	26.0	25.0	24.5	25.0
2	21.5	20.5	21.0	24.5	23.0	24.0	27.0	26.0	26.5	25.0	24.5	25.0
3	21.5	20.0	20.5	25.0	24.5	24.5	29.0	26.5	28.0	25.0	24.5	25.0
4	20.0	19.5	20.0	25.0	24.0	24.5	30.0	28.0	29.0	25.5	24.5	25.0
5	23.0	19.5	21.0	25.5	24.0	24.5	30.5	29.0	30.0	25.5	25.0	25.0
6	23.5	22.0	22.5	---	---	---	29.5	28.5	29.0	25.0	24.0	24.5
7	23.5	23.0	23.0	---	---	---	29.0	28.5	29.0	25.0	24.0	25.0
8	23.5	21.0	22.5	---	---	---	30.5	28.5	29.0	25.5	25.0	25.0
9	22.0	19.5	20.5	---	---	---	29.0	27.5	28.0	26.0	25.0	25.5
10	21.5	19.5	20.5	---	---	---	29.5	27.0	28.0	26.0	25.5	25.5
11	25.5	21.0	23.5	---	---	---	29.0	28.0	28.5	26.0	25.5	26.0
12	26.0	24.5	25.0	---	---	---	29.0	28.5	28.5	26.5	26.0	26.0
13	25.5	24.5	25.0	---	---	---	30.0	28.5	29.0	27.0	26.0	26.5
14	24.5	21.5	22.5	---	---	---	30.5	29.0	29.5	27.0	26.5	27.0
15	23.0	21.5	22.5	---	---	---	30.0	29.0	29.5	27.0	26.5	27.0
16	26.0	23.0	24.0	25.0	24.5	24.5	30.5	30.0	30.0	26.5	25.5	26.0
17	26.0	24.5	25.5	25.0	24.0	24.5	30.5	29.5	30.0	25.5	25.0	25.0
18	26.0	23.0	24.5	24.5	23.5	24.5	30.5	29.0	29.5	25.0	24.5	25.0
19	28.0	26.0	27.5	25.0	24.0	24.5	30.0	29.0	29.5	24.5	24.0	24.5
20	28.0	27.0	27.5	25.0	24.0	24.5	30.0	29.5	30.0	24.5	24.0	24.0
21	27.5	26.5	27.0	25.0	24.5	25.0	30.0	29.0	29.5	24.5	24.0	24.5
22	26.5	26.5	26.5	25.5	25.0	25.0	29.5	29.0	29.0	24.5	24.0	24.0
23	26.5	26.0	26.5	25.5	25.0	25.5	29.0	28.5	29.0	24.0	23.0	23.5
24	26.5	25.5	26.0	26.0	24.5	25.5	28.5	28.0	28.5	23.5	23.0	23.0
25	26.0	25.0	26.0	26.0	25.0	25.5	28.0	27.5	28.0	23.0	22.5	23.0
26	26.0	25.0	25.5	26.0	25.0	25.5	28.0	27.5	27.5	23.0	22.5	22.5
27	25.5	25.0	25.5	25.5	25.0	25.5	27.5	26.0	26.5	23.0	22.5	22.5
28	26.0	24.5	25.5	25.5	25.5	25.5	26.5	25.5	26.0	23.0	22.5	22.5
29	25.0	23.0	24.5	26.5	25.5	25.5	26.5	25.5	26.0	23.0	22.5	22.5
30	24.0	21.5	22.5	26.0	25.5	25.5	26.5	25.5	26.0	23.0	22.5	23.0
31	---	---	---	26.0	25.5	26.0	26.5	24.5	25.5	---	---	---
MONTH	28.0	19.5	23.9	26.5	21.5	24.9	30.5	24.5	28.3	27.0	22.5	24.6
YEAR	30.5	7.0	17.8									

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.7	7.6	9.3	11.4	9.8	10.5	10.8	8.2	9.5	10.1	9.2	9.5
2	9.1	4.7	6.9	11.3	9.7	10.4	10.9	8.8	9.8	9.9	9.4	9.7
3	10.0	5.2	7.2	11.4	8.1	9.9	10.7	8.5	9.9	10.8	9.7	10.1
4	10.5	6.1	8.1	10.1	6.7	8.5	10.5	6.9	8.8	11.3	10.4	10.8
5	11.1	7.1	9.0	8.1	6.4	7.3	10.0	8.1	8.9	12.0	10.7	11.2
6	8.6	5.9	7.4	8.2	6.9	7.4	10.3	7.7	8.7	12.2	11.0	11.3
7	7.7	5.2	6.2	8.9	6.9	7.8	9.1	7.6	8.3	12.5	10.8	11.6
8	9.6	5.1	6.7	9.5	7.4	8.2	---	---	---	12.5	11.2	11.7
9	9.4	5.3	7.0	8.2	7.5	7.8	---	---	---	12.2	11.2	11.7
10	9.7	5.5	7.5	9.0	7.4	8.1	---	---	---	12.2	11.1	11.6
11	10.5	4.9	7.3	8.8	7.3	8.0	---	---	---	13.2	11.7	12.3
12	11.1	5.1	8.5	9.8	7.2	8.1	---	---	---	13.0	11.5	12.3
13	10.7	7.0	9.1	9.3	7.4	8.2	---	---	---	13.0	11.4	12.2
14	10.7	6.7	8.9	8.0	7.1	7.5	---	---	---	13.7	11.0	12.5
15	11.0	7.1	9.3	8.8	6.9	7.6	---	---	---	12.4	11.0	11.8
16	11.3	7.8	9.2	8.5	6.3	7.9	---	---	---	13.2	11.2	12.1
17	10.2	7.2	8.8	9.6	6.3	8.1	---	---	---	12.3	11.2	11.7
18	10.2	6.7	8.7	8.9	7.2	7.9	---	---	---	11.9	10.9	11.3
19	11.1	7.5	9.3	8.7	6.6	7.7	---	---	---	11.0	9.9	10.4
20	9.5	7.8	8.8	9.2	6.8	8.1	---	---	---	11.2	9.8	10.5
21	8.3	6.3	7.1	8.8	6.2	7.3	---	---	---	11.0	9.5	9.9
22	8.1	5.6	6.8	9.5	6.2	7.7	11.0	8.9	9.5	10.6	8.8	9.6
23	10.0	6.3	7.8	10.6	7.3	8.7	9.5	8.2	8.8	10.5	8.2	9.4
24	10.4	6.8	8.5	11.2	8.5	9.7	8.6	8.0	8.3	8.6	6.6	7.2
25	10.6	7.1	8.8	10.6	8.3	9.7	8.9	8.0	8.4	7.5	6.8	7.1
26	11.5	8.1	9.6	10.6	6.8	8.7	9.5	8.3	8.6	6.9	6.0	6.6
27	10.9	9.3	10.0	10.1	5.8	8.1	9.5	8.4	8.7	7.1	6.0	6.4
28	11.2	9.3	10.3	9.9	6.7	8.3	9.4	8.1	8.9	6.8	6.0	6.4
29	11.1	8.1	9.5	10.3	7.4	8.9	9.0	8.3	8.7	7.3	5.3	6.0
30	11.8	9.4	10.4	10.4	7.5	8.9	9.7	8.5	9.1	7.3	6.0	7.0
31	11.7	9.6	10.6	---	---	---	9.8	8.9	9.3	7.7	6.1	7.0
MONTH	11.8	4.7	8.5	11.4	5.8	8.4	11.0	6.9	9.0	13.7	5.3	10.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.1	7.0	7.4	8.9	8.2	8.5	11.4	10.3	10.8	10.1	9.6	9.8
2	9.2	7.8	8.9	8.6	8.1	8.3	11.3	10.2	10.8	10.7	9.8	10.1
3	9.5	8.5	9.0	9.4	8.2	8.9	11.0	9.7	10.3	10.6	9.7	10.1
4	9.1	8.1	8.8	9.6	8.9	9.2	11.8	10.4	11.0	11.1	8.8	10.2
5	8.7	7.8	8.3	9.5	8.7	9.1	10.9	7.7	9.7	10.8	8.3	9.4
6	8.4	7.6	8.1	10.0	8.8	9.5	10.5	8.5	9.6	11.8	6.4	8.8
7	8.2	7.7	8.0	10.2	9.3	9.7	11.0	9.3	9.6	11.0	8.5	9.7
8	8.3	7.3	7.7	10.2	9.3	9.5	9.7	8.5	9.2	11.3	8.9	10.1
9	8.2	7.2	7.4	10.0	9.2	9.4	9.7	8.3	8.9	10.8	9.6	10.3
10	9.2	6.5	7.5	10.5	9.2	9.6	8.5	7.6	8.0	11.0	6.5	8.7
11	10.0	6.6	7.8	11.0	9.3	9.8	9.5	7.5	8.5	10.6	6.8	8.9
12	11.2	6.9	9.3	10.1	9.0	9.6	10.2	7.7	9.0	11.0	7.1	9.8
13	9.0	7.9	8.2	10.8	8.9	9.9	9.5	8.1	8.7	11.5	8.6	10.4
14	8.3	7.6	8.0	10.4	9.5	9.6	10.3	7.4	8.7	10.4	7.4	9.3
15	9.2	7.8	8.1	10.6	9.7	10.1	9.3	7.9	8.8	9.4	7.9	8.6
16	9.2	7.8	8.2	12.0	9.4	10.2	9.6	8.3	8.9	10.0	8.1	9.0
17	8.9	7.6	8.2	11.0	9.5	10.0	9.5	8.4	9.0	9.4	7.6	8.6
18	9.7	7.4	8.1	10.6	9.4	10.1	11.0	9.0	9.9	9.6	7.3	8.3
19	9.1	6.5	7.8	10.5	9.6	10.1	11.1	9.5	10.2	9.4	6.7	8.0
20	9.5	7.0	7.7	12.0	9.6	10.4	10.9	9.4	10.1	9.7	6.7	8.1
21	7.9	6.5	7.4	11.7	9.3	10.9	10.6	9.4	10.2	8.9	6.7	7.9
22	8.0	7.0	7.5	12.7	10.7	11.3	11.0	10.0	10.3	9.4	4.8	7.6
23	7.5	7.1	7.3	13.5	10.9	12.0	10.7	9.9	10.2	9.0	4.8	7.6
24	7.7	7.2	7.4	12.9	11.3	12.0	10.5	8.6	9.9	8.7	5.4	7.3
25	8.1	7.4	7.7	12.6	9.8	11.5	10.4	9.2	9.8	8.8	7.1	7.9
26	7.9	7.1	7.5	11.7	7.5	10.3	10.4	9.8	10.0	8.7	6.8	7.8
27	9.1	7.1	8.1	11.2	9.6	10.2	10.9	10.1	10.4	9.3	7.4	8.4
28	8.6	8.0	8.4	12.7	9.7	11.0	11.0	9.8	10.5	9.7	4.8	8.2
29	---	---	---	12.7	9.8	11.1	10.6	9.8	10.1	9.8	8.0	8.7
30	---	---	---	11.9	9.1	10.7	9.9	9.6	9.8	9.4	7.2	8.6
31	---	---	---	11.3	9.3	10.6	---	---	---	10.1	8.7	9.5
MONTH	11.2	6.5	8.0	13.5	7.5	10.1	11.8	7.4	9.7	11.8	4.8	8.9

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.7	8.4	9.1	6.4	4.0	5.1	11.0	8.3	9.8	9.0	5.9	7.3
2	9.7	8.3	9.0	5.9	4.3	5.0	10.0	7.8	8.7	9.5	5.9	7.9
3	10.6	8.4	9.3	7.3	4.2	5.9	8.3	6.5	7.4	9.2	7.2	8.2
4	10.6	8.7	9.7	6.8	5.5	6.1	8.6	6.0	7.2	8.5	6.4	7.5
5	10.5	8.9	9.7	5.7	4.9	5.2	---	---	---	8.4	6.1	6.9
6	10.7	8.8	9.6	---	---	---	---	---	---	8.7	5.3	7.2
7	11.0	8.9	9.9	---	---	---	---	---	---	10.4	6.9	8.2
8	12.0	9.4	10.6	---	---	---	---	---	---	10.2	7.8	9.0
9	11.8	9.8	10.6	---	---	---	---	---	---	10.3	7.4	8.8
10	10.6	9.2	10.0	---	---	---	---	---	---	9.8	6.8	8.1
11	9.6	7.7	8.9	---	---	---	---	---	---	10.1	7.5	8.5
12	9.1	7.5	8.2	---	---	---	---	---	---	9.8	6.6	8.2
13	9.2	7.6	8.5	---	---	---	---	---	---	9.4	6.9	8.0
14	10.2	7.9	9.0	---	---	---	---	---	---	8.0	5.7	6.9
15	9.8	8.2	8.8	---	---	---	---	---	---	6.9	4.9	5.6
16	8.9	5.9	7.4	10.5	6.0	7.9	---	---	---	7.3	4.9	5.9
17	8.6	4.8	6.9	11.3	9.3	10.1	---	---	---	8.1	4.9	6.4
18	8.4	6.0	7.2	11.6	9.2	10.3	9.9	6.7	8.4	9.4	6.2	7.6
19	7.9	5.7	7.0	11.5	9.1	10.3	10.0	7.4	8.7	9.4	6.6	7.7
20	6.9	5.6	6.2	10.8	7.8	9.5	8.2	4.5	6.7	7.7	4.6	7.0
21	7.9	5.7	6.6	11.1	8.4	9.7	8.7	4.0	6.1	8.3	5.3	6.2
22	9.6	6.3	7.7	11.5	9.0	10.1	9.2	4.6	7.0	7.9	5.2	6.4
23	9.9	7.1	8.4	11.6	8.8	10.0	8.3	5.4	6.8	9.1	5.7	7.2
24	10.7	8.2	9.4	11.5	8.8	10.1	6.7	3.9	5.2	9.2	6.5	7.6
25	10.3	7.3	8.7	11.7	8.3	10.2	10.1	3.9	6.7	9.4	6.4	8.3
26	9.0	5.7	7.8	12.0	9.7	10.7	10.5	4.8	7.6	10.2	7.3	8.5
27	8.3	6.4	7.3	11.8	9.6	10.7	12.2	6.3	9.1	8.2	6.9	7.4
28	7.3	5.7	6.5	11.7	9.7	10.7	11.0	7.9	9.4	8.1	6.1	6.8
29	6.1	4.7	5.3	11.8	9.1	10.4	9.3	7.9	8.5	8.7	6.3	7.4
30	6.2	3.9	4.7	11.9	8.3	10.1	9.0	6.4	7.5	8.3	6.3	7.2
31	---	---	---	12.0	8.8	10.2	8.2	6.0	7.0	---	---	---
MONTH	12.0	3.9	8.3	12.0	4.0	9.0	12.2	3.9	7.7	10.4	4.6	7.5
YEAR	13.7	3.9	8.8									

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.1	2.9	5.5	8.6	4.9	6.5	9.4	6.3	7.9	9.6	8.5	9.0
2	7.9	4.9	6.2	10.4	5.8	7.4	9.3	6.4	7.7	9.8	9.0	9.3
3	7.5	5.4	6.0	10.8	6.5	8.8	10.6	6.9	8.1	10.8	9.4	10.1
4	8.4	5.3	6.4	9.6	6.2	8.2	10.4	7.2	8.3	11.5	10.3	10.8
5	9.0	5.0	6.6	8.3	6.5	7.3	10.2	8.0	9.0	12.1	10.3	11.0
6	8.3	4.7	7.4	8.2	6.9	7.4	10.7	7.9	8.9	11.8	10.5	11.1
7	7.3	6.0	6.5	8.8	6.9	7.6	10.2	7.9	8.9	12.3	10.7	11.3
8	8.3	5.9	7.0	8.5	6.9	7.5	10.0	8.1	9.1	12.0	10.9	11.3
9	9.5	6.6	7.3	8.2	6.9	7.6	8.9	7.1	8.0	12.1	10.9	11.4
10	8.5	6.9	7.7	9.1	5.5	7.6	8.7	6.9	7.7	12.2	10.7	11.3
11	7.8	6.3	7.2	9.0	7.3	8.1	7.9	6.7	7.3	13.1	11.1	11.8
12	8.7	6.2	7.3	8.3	7.2	7.7	7.5	6.4	6.9	12.5	11.1	11.9
13	7.4	2.9	5.5	8.8	7.2	7.8	7.3	6.4	6.9	12.3	10.6	11.4
14	7.8	3.9	5.9	7.7	6.8	7.3	8.1	6.7	7.3	12.9	10.3	11.4
15	7.9	5.1	6.6	7.8	6.2	6.9	7.7	7.1	7.3	11.8	10.3	11.2
16	8.0	5.6	6.6	7.8	5.7	7.0	8.9	7.1	7.9	12.6	10.3	11.2
17	8.1	5.7	6.8	8.3	5.6	7.0	8.2	7.6	8.0	11.5	10.4	11.1
18	8.1	5.8	6.6	7.9	5.3	6.5	7.8	6.9	7.4	11.5	10.2	10.8
19	7.9	4.3	6.3	7.4	6.0	6.6	8.1	7.0	7.5	10.3	8.8	9.7
20	8.9	5.4	7.2	8.6	6.2	7.2	8.0	6.8	7.4	10.7	8.8	9.7
21	7.6	5.3	6.4	7.4	5.8	6.6	9.7	6.7	7.6	10.6	8.3	9.2
22	7.6	5.6	6.5	8.3	5.7	6.6	9.9	7.7	9.1	9.5	7.9	8.7
23	8.1	6.1	6.8	7.8	6.5	7.2	9.5	8.0	8.8	9.8	7.6	8.4
24	7.4	5.6	6.4	9.1	6.1	7.3	8.6	7.8	8.3	8.0	6.5	7.0
25	7.3	5.9	6.5	9.0	6.0	7.5	8.8	7.8	8.3	7.0	6.5	6.8
26	7.4	5.2	6.4	9.9	6.8	7.9	8.7	8.0	8.4	6.5	5.5	6.1
27	8.0	5.0	6.4	8.8	5.5	7.3	9.0	8.1	8.3	6.4	5.4	5.9
28	10.8	5.2	6.8	8.1	5.5	6.7	9.0	8.1	8.6	7.0	5.6	6.2
29	9.4	5.9	7.7	9.3	6.0	7.4	9.0	8.1	8.5	6.8	5.1	6.1
30	8.8	6.3	7.2	9.8	7.0	8.2	9.4	8.4	8.9	7.1	5.8	6.5
31	8.2	5.2	6.8	---	---	---	9.5	8.4	9.0	7.4	5.9	6.7
MONTH	10.8	2.9	6.7	10.8	4.9	7.4	10.7	6.3	8.1	13.1	5.1	9.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	6.8	7.1	7.9	7.1	7.4	10.5	7.2	9.6	8.1	7.4	7.7
2	8.8	7.5	8.5	7.4	6.7	7.0	10.1	8.2	9.6	9.0	6.0	7.6
3	8.8	7.9	8.4	7.7	6.7	7.3	9.4	7.9	8.6	7.4	6.3	7.0
4	9.1	7.7	8.4	8.0	7.3	7.7	9.9	8.1	9.0	6.9	5.4	6.2
5	8.5	7.5	8.0	7.7	7.3	7.5	9.6	5.7	7.5	7.3	5.2	6.1
6	8.3	7.3	7.7	8.1	7.1	7.6	8.8	5.8	7.6	7.9	4.5	5.8
7	7.9	7.3	7.7	8.3	7.6	7.8	9.5	8.4	9.2	7.9	4.4	5.5
8	7.6	6.8	7.4	8.4	7.5	7.8	9.1	7.2	8.2	6.7	4.5	5.6
9	7.1	6.4	6.8	8.3	7.8	8.0	9.2	5.7	7.2	5.0	4.0	4.5
10	7.0	5.9	6.5	8.5	7.7	7.9	8.2	5.1	6.4	4.7	4.1	4.3
11	6.5	5.6	6.1	9.0	7.7	8.0	9.3	5.2	6.8	4.9	2.7	4.2
12	10.1	5.7	7.1	8.7	7.5	8.0	8.9	4.5	5.8	5.7	1.5	3.6
13	8.2	7.0	7.6	9.3	7.5	8.4	7.0	4.1	5.4	7.3	1.9	4.9
14	7.6	6.8	7.2	9.3	8.3	8.8	5.7	3.4	4.5	4.6	2.3	3.2
15	8.0	6.9	7.3	9.4	8.7	8.9	9.9	3.3	7.2	6.5	0.8	3.4
16	8.2	6.8	7.4	9.4	8.4	8.9	9.3	8.0	8.7	7.8	4.9	6.3
17	7.8	6.7	7.2	10.2	8.4	8.9	9.5	7.2	8.7	6.6	4.2	5.6
18	7.9	6.4	7.1	10.2	8.5	9.3	10.8	7.4	8.6	7.4	3.7	5.1
19	8.0	5.8	6.8	9.7	8.7	9.1	10.7	6.5	8.4	5.6	2.3	4.0
20	7.3	5.9	6.6	10.1	8.0	8.8	11.3	7.2	8.9	4.3	1.0	2.8
21	7.3	5.9	6.6	11.0	8.1	9.5	9.9	6.5	8.0	3.1	0.7	1.9
22	7.5	6.2	6.8	10.7	8.9	9.9	10.0	7.8	8.9	2.2	0.4	1.3
23	6.8	6.1	6.5	11.2	9.5	10.4	10.5	7.9	8.7	3.0	1.1	1.8
24	7.0	6.3	6.6	12.2	9.2	10.1	9.1	5.7	7.5	6.5	0.9	2.0
25	7.2	6.4	6.8	11.1	6.2	8.5	9.4	5.2	7.3	7.0	0.2	1.3
26	7.0	5.9	6.5	10.0	5.4	8.1	9.3	8.0	8.7	1.5	0.5	0.8
27	8.0	6.1	6.8	9.5	8.3	8.8	9.5	7.3	8.6	0.8	0.0	0.2
28	7.8	6.7	7.4	11.3	8.4	9.4	9.9	5.9	8.2	2.0	0.0	0.6
29	---	---	---	10.8	7.6	9.1	9.3	7.6	8.3	3.4	0.0	1.4
30	---	---	---	9.5	7.4	8.5	8.2	7.5	7.9	3.3	0.2	2.0
31	---	---	---	10.7	7.2	8.8	---	---	---	5.8	0.3	2.8
MONTH	10.1	5.6	7.2	12.2	5.4	8.5	11.3	3.3	7.9	9.0	0.0	3.9

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OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.3	1.3	3.0	2.3	0.0	0.7	---	---	---	---	---	---
2	7.5	1.4	5.3	1.1	0.0	0.3	---	---	---	---	---	---
3	---	---	---	1.0	0.0	0.2	---	---	---	---	---	---
4	---	---	---	0.1	0.0	0.0	---	---	---	---	---	---
5	---	---	---	1.5	0.0	0.3	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	7.4	0.8	3.4	2.4	0.0	1.1	---	---	---	---	---	---
17	6.1	4.3	5.0	1.8	0.0	0.4	---	---	---	---	---	---
18	7.0	3.9	5.0	0.5	0.0	0.1	---	---	---	---	---	---
19	6.3	3.3	4.8	1.3	0.0	0.2	---	---	---	---	---	---
20	4.8	2.9	3.7	2.3	0.0	0.8	---	---	---	---	---	---
21	3.9	2.6	3.3	0.7	0.0	0.2	---	---	---	---	---	---
22	3.6	2.5	3.1	2.1	0.0	0.4	---	---	---	---	---	---
23	4.3	2.3	3.4	1.5	0.0	0.4	---	---	---	---	---	---
24	3.1	1.3	2.3	2.8	0.0	0.8	---	---	---	---	---	---
25	2.5	0.9	1.7	0.7	0.0	0.2	---	---	---	---	---	---
26	2.1	0.1	1.0	2.0	0.0	0.3	---	---	---	---	---	---
27	2.9	0.2	1.0	1.2	0.0	0.2	---	---	---	---	---	---
28	3.2	1.0	1.8	---	---	---	---	---	---	---	---	---
29	4.8	0.9	1.8	---	---	---	---	---	---	---	---	---
30	1.1	0.0	0.5	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	7.5	0.0	2.9	2.8	0.0	0.4	---	---	---	---	---	---
YEAR	13.1	0.0	6.7									

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	0.0	0.0	0.0	2.8	0.6	1.5	5.7	2.4	4.0	---	---	---
2	7.0	0.0	3.2	1.7	0.2	1.0	4.5	2.9	3.6	---	---	---
3	10.1	4.6	7.2	1.8	0.0	0.8	4.9	2.2	3.7	---	---	---
4	6.6	3.9	5.2	1.8	0.1	0.9	3.5	0.9	2.4	---	---	---
5	4.2	1.8	2.9	---	---	---	2.8	0.6	1.9	---	---	---
6	5.8	0.7	2.6	---	---	---	2.7	0.5	1.5	---	---	---
7	7.9	0.8	4.3	---	---	---	2.6	0.4	1.3	---	---	---
8	9.3	4.7	8.0	---	---	---	4.3	0.0	1.6	---	---	---
9	9.8	8.1	8.9	---	---	---	8.3	2.5	5.1	---	---	---
10	9.9	7.3	8.9	---	---	---	---	---	---	---	---	---
11	9.1	2.8	5.5	---	---	---	---	---	---	---	---	---
12	5.3	0.1	1.9	---	---	---	---	---	---	---	---	---
13	1.3	0.0	0.4	---	---	---	---	---	---	11.5	9.9	10.7
14	1.1	0.0	0.2	---	---	---	---	---	---	10.4	9.2	9.9
15	7.3	0.0	2.4	---	---	---	---	---	---	11.3	9.2	10.4
16	8.6	0.0	3.3	---	---	---	---	---	---	10.8	9.1	9.9
17	9.8	0.4	5.3	---	---	---	---	---	---	10.9	9.5	10.1
18	9.1	2.4	5.6	---	---	---	---	---	---	11.1	9.4	10.3
19	6.5	1.2	4.3	---	---	---	---	---	---	9.9	8.3	9.1
20	3.5	0.0	1.9	---	---	---	---	---	---	9.2	6.1	8.2
21	7.9	0.5	3.0	---	---	---	---	---	---	8.5	6.8	7.8
22	---	---	---	---	---	---	6.8	5.5	6.1	7.7	6.3	7.2
23	---	---	---	---	---	---	9.4	5.4	6.9	8.1	5.8	6.8
24	---	---	---	---	---	---	9.3	7.7	8.5	6.9	5.8	6.2
25	---	---	---	5.4	3.2	4.3	10.0	8.4	9.4	6.3	4.9	5.7
26	---	---	---	5.2	2.8	3.7	10.3	9.4	9.9	5.4	3.5	4.7
27	---	---	---	5.6	1.8	2.9	---	---	---	6.7	2.9	5.1
28	2.9	1.7	2.1	6.4	3.4	4.9	---	---	---	7.4	5.3	6.6
29	2.7	0.9	1.5	6.8	3.2	5.2	---	---	---	8.1	6.3	7.4
30	1.8	0.2	0.9	6.5	4.5	5.7	---	---	---	8.1	4.0	5.5
31	1.9	0.3	1.1	---	---	---	---	---	---	7.2	4.0	6.0
MONTH	10.1	0.0	3.6	6.8	0.0	3.1	10.3	0.0	4.7	11.5	2.9	7.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	6.5	6.9	9.3	8.7	9.0	6.7	3.0	4.5	11.9	10.4	11.2
2	9.6	7.6	9.0	9.1	8.3	8.7	5.7	2.9	3.7	10.6	9.9	10.4
3	9.1	8.0	8.7	9.6	8.3	9.0	4.3	3.1	3.6	10.1	7.5	9.1
4	9.0	7.8	8.3	9.5	8.9	9.2	6.9	2.5	3.6	7.7	5.8	7.1
5	8.2	6.9	7.6	9.5	8.6	8.9	7.1	2.7	4.0	5.8	3.7	5.1
6	8.0	6.0	7.3	---	---	---	4.8	2.6	3.8	7.7	3.1	4.5
7	8.1	6.6	7.3	---	---	---	3.1	2.1	2.4	6.6	3.1	4.5
8	7.7	6.7	7.2	---	---	---	2.2	1.4	1.8	4.3	3.1	3.6
9	7.0	6.1	6.6	---	---	---	5.7	1.2	3.1	3.9	2.2	3.0
10	7.2	4.6	6.1	---	---	---	6.4	5.3	5.9	4.5	1.3	2.5
11	6.5	4.6	5.8	---	---	---	5.6	5.0	5.4	2.6	0.6	1.2
12	9.1	5.0	6.9	---	---	---	5.9	5.0	5.5	1.4	0.3	0.7
13	8.7	7.6	8.2	---	---	---	6.2	5.6	5.9	0.3	0.3	0.3
14	8.5	7.6	8.0	---	---	---	6.0	5.0	5.5	0.4	0.3	0.3
15	8.4	7.4	7.9	---	---	---	5.0	3.2	3.9	0.3	0.3	0.3
16	8.4	7.2	8.0	---	---	---	6.5	3.4	4.8	0.3	0.3	0.3
17	8.4	7.0	7.8	---	---	---	7.3	6.1	6.5	0.3	0.3	0.3
18	8.2	6.6	7.4	11.2	8.2	9.7	7.7	7.1	7.4	0.3	0.2	0.2
19	8.4	5.6	6.7	10.1	6.8	8.6	7.9	7.3	7.7	0.2	0.2	0.2
20	8.1	6.3	7.1	7.6	5.9	7.1	8.2	7.7	7.9	0.2	0.2	0.2
21	8.0	5.7	7.1	8.5	5.9	6.7	8.1	7.4	7.7	0.2	0.2	0.2
22	8.2	7.4	7.7	7.1	5.2	6.1	7.5	6.8	7.2	1.2	0.2	0.2
23	8.0	7.4	7.7	6.3	4.2	5.1	7.2	6.3	6.7	1.1	0.2	0.3
24	8.1	7.5	7.8	6.5	3.6	4.7	8.1	5.4	6.4	0.7	0.1	0.3
25	9.4	7.6	8.4	6.0	4.2	5.1	6.1	3.4	4.5	0.8	0.1	0.4
26	8.6	7.6	8.0	6.2	3.5	5.1	3.4	1.3	2.5	0.1	0.1	0.1
27	9.1	7.6	8.2	6.2	2.9	4.3	1.8	1.0	1.3	0.1	0.1	0.1
28	9.6	8.2	9.0	6.2	3.0	4.1	5.9	0.8	2.4	0.1	0.1	0.1
29	---	---	---	5.8	2.3	3.4	10.6	1.0	4.4	0.1	0.0	0.1
30	---	---	---	6.7	2.1	4.1	11.6	10.1	11.0	0.0	0.0	0.0
31	---	---	---	5.4	2.6	4.4	---	---	---	0.0	0.0	0.0
MONTH	9.6	4.6	7.6	11.2	2.1	6.5	11.6	0.8	5.0	11.9	0.0	2.2

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OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.3
5	0.2	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.3	0.3	0.0	0.0
6	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	---	---	---	3.4	0.0	0.2	0.1	0.0	0.0
9	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.3	0.1	0.1
10	0.0	0.0	0.0	---	---	---	2.3	0.0	0.1	0.3	0.2	0.3
11	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.4	0.3	0.4
12	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	0.8	0.4	0.5
13	0.5	0.0	0.0	---	---	---	0.0	0.0	0.0	1.1	0.1	0.6
14	0.0	0.0	0.0	---	---	---	1.9	0.0	0.1	5.8	0.1	2.1
15	0.0	0.0	0.0	---	---	---	0.0	0.0	0.0	5.5	0.0	3.4
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	4.7	5.2
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	4.8	5.5
18	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	6.2	4.5	5.0
19	3.3	0.0	0.4	0.0	0.0	0.0	---	---	---	6.3	2.4	3.2
20	6.8	0.0	5.0	0.0	0.0	0.0	---	---	---	6.3	2.3	3.5
21	7.1	5.7	6.5	0.0	0.0	0.0	---	---	---	6.5	1.0	3.8
22	6.4	2.1	4.3	0.0	0.0	0.0	---	---	---	8.4	5.7	7.3
23	4.1	0.0	1.7	0.0	0.0	0.0	---	---	---	8.9	6.9	8.3
24	1.1	0.0	0.3	0.0	0.0	0.0	---	---	---	10.4	6.8	8.3
25	0.6	0.0	0.1	0.0	0.0	0.0	---	---	---	7.5	3.3	5.6
26	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	5.9	1.9	3.1
27	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	3.6	0.3	1.7
28	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	2.0	0.1	0.5
29	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	1.3	0.0	0.2
30	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	1.8	0.1	0.2
31	---	---	---	0.0	0.0	0.0	---	---	---	---	---	---
MONTH	7.1	0.0	0.6	0.0	0.0	0.0	3.4	0.0	0.0	10.4	0.0	2.3
YEAR	11.9	0.0	3.6									

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi^2, approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Data collection platform. Datum of gage is 0.64 ft below sea level. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 68,210,000,000 ft^3 between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 15,590,000,000 ft^3. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates at 362 ft; gage height of other spillway crest, 340 ft with top of gates at 365 ft. Water is used for generation of power. Prior to October 1, 1997, capacity computations were determined using the capacity curve prepared by Lexington Power Company.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started, 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 357.89 ft, Jul. 15; minimum gage height, 349.96 ft, Jan. 13.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.48	352.71	351.07	349.99	352.67	354.29	354.83	356.32	357.08	357.64	355.41	354.94
2	354.33	352.60	351.01	350.20	353.17	354.28	354.95	356.44	357.08	357.73	355.34	354.88
3	354.29	352.51	350.93	350.14	353.42	354.34	355.08	356.57	357.07	357.69	355.31	354.86
4	354.27	352.40	350.93	350.22	353.64	354.17	355.17	356.61	357.06	357.72	355.26	354.78
5	354.19	352.29	350.90	350.17	353.82	354.10	355.22	356.68	357.04	357.72	355.24	354.75
6	354.14	352.18	350.88	350.08	353.84	354.07	355.28	356.83	357.01	357.60	355.25	354.74
7	354.08	352.07	350.87	350.06	353.81	354.06	355.31	356.86	357.02	357.64	355.22	354.72
8	354.13	351.97	350.87	350.06	353.85	354.04	355.32	356.96	357.02	357.68	355.20	354.70
9	354.11	351.90	350.85	350.09	353.90	354.12	355.31	357.00	356.97	357.67	355.18	354.69
10	354.11	351.82	350.85	350.05	353.95	354.04	355.28	357.07	356.97	357.66	355.18	354.61
11	354.10	351.73	350.81	350.02	353.96	354.01	355.33	357.10	356.95	357.72	355.17	354.58
12	354.03	351.62	350.83	350.00	353.99	353.93	355.29	357.15	356.91	357.72	355.13	354.58
13	353.97	351.51	350.79	350.02	354.02	353.83	355.31	357.16	356.93	357.80	355.08	354.51
14	353.91	351.52	350.73	350.00	354.05	354.13	355.28	357.15	356.95	357.85	355.07	354.50
15	353.82	351.62	350.58	350.09	353.96	354.31	355.37	357.18	356.94	357.82	355.06	354.57
16	353.74	351.63	350.60	350.11	353.97	354.33	355.29	357.19	357.07	357.77	355.00	354.54
17	353.65	351.68	350.55	350.33	354.01	354.37	355.29	357.22	357.09	357.64	355.02	354.50
18	353.61	351.64	350.47	350.62	354.08	354.38	355.26	357.25	357.06	357.56	354.95	354.48
19	353.56	351.69	350.41	350.74	354.20	354.37	355.32	357.18	357.05	357.49	354.92	354.45
20	353.49	351.65	350.25	350.75	354.26	354.37	355.33	357.16	357.04	357.36	354.97	354.45
21	353.45	351.63	350.21	350.81	354.33	354.48	355.34	357.17	357.05	357.27	354.90	354.46
22	353.37	351.57	350.11	350.87	354.32	354.50	355.35	357.21	357.05	357.16	354.87	354.35
23	353.34	351.43	350.10	351.13	354.42	354.49	355.37	357.21	357.03	356.82	354.84	354.32
24	353.24	351.31	350.15	351.51	354.36	354.49	355.36	357.16	357.09	356.69	354.94	354.30
25	353.13	351.28	350.18	351.67	354.27	354.53	355.35	357.13	357.29	356.63	354.92	354.28
26	353.08	351.20	350.21	351.76	354.28	354.57	355.37	357.11	357.37	356.39	355.08	354.26
27	353.02	351.12	350.22	351.86	354.28	354.64	355.48	357.11	357.44	356.20	355.07	354.36
28	352.95	351.08	350.22	351.95	354.34	354.64	355.53	357.12	357.52	356.04	355.07	354.35
29	352.84	351.05	350.22	351.99	---	354.68	355.64	357.11	357.54	355.88	355.09	354.32
30	352.80	351.07	350.12	352.09	---	354.68	356.05	357.11	357.62	355.66	355.00	354.29
31	352.75	---	350.04	352.14	---	354.75	---	357.05	---	355.54	354.96	---
MAX	354.48	352.71	351.07	352.14	354.42	354.75	356.05	357.25	357.62	357.85	355.41	354.94
MIN	352.75	351.05	350.04	349.99	352.67	353.83	354.83	356.32	356.91	355.54	354.84	354.26
(+)	52.24	49.09	47.22	51.05	55.35	56.15	58.83	61.04	62.29	57.76	56.56	55.25
(*)	-1307	-1215	-698	+1430	+1777	+299	+1034	+825	+482	-1691	-448	-505

CAL YR 1998 * -264 MAX 358.45 MIN 350.04
WTR YR 1999 * -15.5 MAX 357.85 MIN 349.99

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--October 1992 to current year.

WATER TEMPERATURE (Top): October 1992 to current year.

WATER TEMPERATURE (Bottom): October 1992 to current year.

DISSOLVED OXYGEN (Top): October 1992 to current year.

DISSOLVED OXYGEN (Bottom): October 1992 to currrent year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (Top): Maximum, 34.5°C, Aug. 1, 1999; minimum, 7.5°C, Jan. 27, 28, Feb. 1, 3, 1994, Feb. 17, 18, 1995, Feb. 3, 9, 17, 1996.

WATER TEMPERATURE (Bottom): Maximum, 25.0°C on several days during Sep. 1993, Sep. 23, 1996; minimum, 7.5°C on many days during Jan. and Feb. 1994, Feb. and Mar. 1996.

DISSOLVED OXYGEN (Top): Maximum, 14.0 mg/L, Mar. 16, 1995; minimum, 0.0 mg/L, Aug. 26, 1995, on several days during Oct. 1996, Oct. 23-25, 1997.

DISSOLVED OXYGEN (Bottom): Maximum, 13.0 mg/L, Mar. 5, 1998; minimum, 0.0 mg/L on many days during 1993-99.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 34.5°C, Aug. 1; minimum, 10.5°C on several days during January and February.

WATER TEMPERATURE (Bottom): Maximum, 24.5°C, Oct. 6; minimum, 10.0°C, Jan. 31.

DISSOLVED OXYGEN (Top): Maximum, 11.3 mg/L, Jan. 29; minimum 0.5 mg/L, Nov. 6, 7.

DISSOLVED OXYGEN (Bottom): Maximum, 10.9 mg/L, Mar. 3, 4, 5; minimum, 0.0 mg/L on many days during October.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

						TOP						
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	26.0	26.5	22.5	21.5	22.0	19.0	18.5	18.5	14.5	13.5	14.0
2	26.5	25.5	26.0	22.1	21.5	21.8	18.5	18.5	18.5	14.0	13.0	13.5
3	26.0	25.5	25.5	21.9	21.5	21.7	18.5	18.0	18.5	14.0	13.0	13.5
4	26.0	25.5	25.5	21.6	21.0	21.3	18.5	18.0	18.5	14.0	13.0	13.5
5	25.5	25.0	25.5	21.0	20.5	21.0	18.5	18.0	18.5	13.5	12.5	13.0
6	25.0	25.0	25.0	20.5	20.5	20.5	18.5	18.0	18.0	13.0	12.0	12.5
7	25.5	25.0	25.0	20.5	20.0	20.5	18.5	18.0	18.0	12.5	12.0	12.5
8	25.5	25.0	25.0	20.0	20.0	20.0	18.5	18.0	18.0	12.0	11.5	11.5
9	25.5	25.0	25.0	20.0	20.0	20.0	18.5	18.0	18.0	11.5	11.5	11.5
10	25.5	24.5	25.0	20.0	20.0	20.0	18.0	18.0	18.0	12.0	11.5	11.5
11	25.5	24.5	25.0	20.5	20.0	20.0	18.0	18.0	18.0	12.0	11.0	11.5
12	25.0	24.5	25.0	20.0	20.0	20.0	18.0	17.5	18.0	12.0	11.5	11.5
13	25.5	24.0	25.0	20.0	19.5	20.0	18.0	17.5	17.5	12.0	11.5	11.5
14	25.0	24.5	24.5	20.0	19.5	20.0	18.0	17.0	17.5	12.0	11.0	11.5
15	25.0	24.0	24.5	20.0	19.5	20.0	17.5	16.5	17.5	12.0	11.0	11.5
16	24.5	24.0	24.0	20.0	19.5	20.0	17.5	16.5	17.0	11.5	11.0	11.5
17	24.0	23.5	24.0	20.0	19.5	20.0	17.5	16.5	17.0	11.0	10.5	11.0
18	24.5	23.5	24.0	20.0	19.5	19.5	17.0	16.0	16.5	11.5	10.5	11.0
19	24.5	24.0	24.0	19.5	19.0	19.5	16.5	16.0	16.0	11.5	11.0	11.0
20	24.0	23.5	24.0	19.5	19.0	19.5	16.0	15.5	16.0	12.0	11.0	11.0
21	23.5	23.5	23.5	19.5	19.0	19.5	16.0	15.5	16.0	12.5	11.0	11.5
22	23.5	23.0	23.0	19.5	19.0	19.5	16.0	15.5	15.5	12.0	11.0	11.5
23	23.0	22.5	22.5	19.0	19.0	19.0	15.5	15.0	15.5	12.0	11.0	11.5
24	22.5	22.0	22.5	19.5	19.0	19.0	15.5	15.0	15.5	12.5	10.5	11.5
25	22.5	22.0	22.0	19.0	18.5	19.0	15.5	15.0	15.0	12.5	11.0	11.5
26	22.5	22.0	22.0	19.0	18.5	19.0	15.0	14.5	15.0	12.0	11.0	11.5
27	23.0	22.0	22.5	19.0	18.0	18.5	15.0	14.5	14.5	12.5	11.5	12.0
28	22.5	21.5	22.0	18.5	18.0	18.5	14.5	14.5	14.5	12.5	11.5	12.0
29	22.5	22.0	22.0	18.5	18.0	18.5	14.5	14.0	14.5	13.5	12.0	12.5
30	23.0	21.5	22.5	18.5	18.0	18.5	15.0	14.0	14.5	12.0	11.0	11.0
31	23.0	22.0	22.5	---	---	---	14.5	13.5	14.0	11.0	10.5	10.5
MONTH	27.5	21.5	24.0	22.5	18.0	19.9	19.0	13.5	16.7	14.5	10.5	11.8

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	10.5	10.5	12.0	11.5	11.5	14.0	11.5	12.5	15.0	15.0	15.0
2	11.0	10.5	11.0	11.5	11.5	11.5	16.0	13.0	14.5	15.5	14.5	15.0
3	11.0	11.0	11.0	12.0	11.5	12.0	16.0	12.5	14.0	18.0	15.0	16.0
4	11.5	11.0	11.0	12.0	11.0	11.5	18.0	13.5	16.0	18.5	16.5	17.0
5	11.5	11.0	11.0	12.0	11.0	11.5	16.5	14.5	15.5	18.0	17.5	18.0
6	11.5	11.0	11.0	12.0	11.0	11.5	14.5	12.5	14.0	18.0	18.0	18.0
7	12.0	11.0	11.5	12.0	11.0	11.5	18.0	14.0	15.5	19.5	17.5	18.5
8	11.5	11.5	11.5	12.0	11.0	11.5	18.5	17.0	17.5	20.5	18.5	19.0
9	12.0	11.5	11.5	12.0	11.0	11.5	18.5	18.0	18.0	20.5	19.5	20.0
10	12.5	11.5	11.5	11.5	11.0	11.5	19.0	18.0	18.0	20.5	19.0	19.5
11	13.5	11.5	12.0	12.0	11.0	11.5	19.5	17.5	18.5	20.5	18.5	19.5
12	13.5	11.5	12.5	12.0	11.0	11.5	19.5	18.0	18.5	19.5	17.5	18.5
13	12.5	11.5	12.0	11.5	11.0	11.5	19.0	17.5	18.5	21.0	19.0	20.0
14	12.0	11.5	11.5	11.5	11.0	11.5	19.0	18.5	18.5	21.0	19.5	20.5
15	11.5	11.0	11.5	11.5	11.0	11.5	18.5	17.5	18.0	21.0	19.0	20.0
16	12.5	11.5	11.5	11.5	11.0	11.5	18.0	17.0	17.0	20.5	20.0	20.0
17	12.5	11.5	12.0	12.0	11.0	11.5	17.0	16.5	16.5	20.5	19.0	20.0
18	12.0	11.5	11.5	13.0	11.5	12.0	17.0	16.0	16.5	22.5	20.0	21.5
19	11.5	11.5	11.5	14.0	11.5	12.5	17.0	16.0	16.5	23.0	20.5	22.0
20	12.0	11.5	11.5	14.0	11.5	13.0	18.0	16.5	17.0	24.0	21.5	23.0
21	11.5	11.5	11.5	13.5	11.0	12.0	19.5	16.5	17.5	24.5	23.5	23.5
22	11.5	11.0	11.0	13.0	12.0	12.5	20.5	17.5	19.0	25.0	23.5	24.0
23	12.0	11.5	11.5	13.5	11.5	12.5	20.5	18.5	19.5	25.0	23.5	24.5
24	12.0	11.0	11.5	15.5	13.0	13.5	20.5	17.0	19.0	24.5	24.0	24.5
25	11.5	11.0	11.5	14.5	13.5	14.0	18.5	17.5	18.0	24.5	23.5	24.0
26	11.5	11.0	11.5	13.5	11.0	12.0	18.5	18.0	18.5	24.5	23.5	24.0
27	12.0	11.0	11.5	13.0	11.0	11.5	20.0	18.5	19.5	25.0	23.5	24.0
28	12.0	11.5	11.5	13.5	11.5	13.0	20.0	15.5	17.5	24.5	23.5	24.0
29	---	---	---	14.0	13.0	13.5	16.5	15.5	15.5	25.5	24.0	24.5
30	---	---	---	14.0	12.5	13.5	15.5	14.5	15.0	24.5	24.0	24.5
31	---	---	---	13.5	11.5	13.0	---	---	---	25.0	24.0	24.5
MONTH	13.5	10.5	11.4	15.5	11.0	12.1	20.5	11.5	17.0	25.5	14.5	20.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	24.0	24.5	28.0	26.5	27.0	34.5	32.5	33.5	27.0	26.5	27.0
2	25.5	24.0	24.5	29.0	26.5	27.5	33.5	31.5	32.5	27.5	26.5	27.0
3	25.5	24.0	24.5	29.0	27.0	27.5	31.5	30.5	31.0	27.5	26.5	27.0
4	26.5	25.0	26.0	29.5	27.5	28.5	31.0	30.0	30.5	26.5	26.5	26.5
5	25.5	24.0	25.0	30.0	28.0	29.0	31.0	30.0	30.5	26.5	26.5	26.5
6	26.0	24.0	25.0	30.0	29.0	29.0	31.5	30.0	30.5	27.5	26.5	27.0
7	28.0	25.0	26.5	30.0	28.5	29.5	31.5	30.0	31.0	28.5	26.5	27.5
8	28.0	25.5	27.0	30.5	29.0	30.0	31.5	30.5	31.0	29.5	27.5	28.0
9	28.0	26.5	27.5	30.5	29.5	30.0	32.0	30.5	31.0	28.5	27.0	28.0
10	28.0	26.5	27.0	30.0	29.5	29.5	31.0	30.0	30.5	27.5	27.0	27.0
11	27.0	22.5	25.5	30.5	29.0	29.5	32.0	30.0	31.0	27.5	26.5	27.0
12	26.0	22.5	25.0	29.0	28.0	28.5	32.0	30.0	31.5	27.5	27.0	27.0
13	27.5	25.5	26.5	28.0	27.0	27.5	32.5	31.0	31.5	27.0	26.0	26.5
14	28.0	26.0	27.0	27.0	26.5	26.5	32.0	31.0	31.0	26.5	26.0	26.0
15	27.5	26.5	26.5	28.5	26.5	27.0	32.0	30.0	31.0	26.0	25.0	25.5
16	27.0	26.0	26.5	28.5	27.0	27.5	31.5	30.0	30.5	25.0	25.0	25.0
17	26.5	26.0	26.0	28.5	27.5	28.0	31.5	30.0	30.5	25.5	24.5	25.0
18	26.0	25.5	26.0	29.5	27.5	28.5	31.5	30.0	31.0	25.0	24.5	24.5
19	25.5	21.5	23.5	29.5	28.0	28.5	32.0	30.0	30.5	24.5	24.5	24.5
20	23.5	21.5	23.5	31.0	28.0	29.5	---	---	---	24.5	24.0	24.5
21	23.5	23.0	23.5	31.5	29.5	30.5	---	---	---	24.5	24.0	24.5
22	23.5	23.0	23.0	32.0	30.0	31.0	---	---	---	24.0	23.5	23.5
23	25.0	23.0	24.0	33.0	31.0	31.5	---	---	---	24.0	23.0	23.5
24	26.0	24.5	25.0	32.5	31.5	32.0	---	---	---	24.5	23.0	23.5
25	---	---	---	32.5	31.0	31.5	---	---	---	24.5	23.5	24.0
26	---	---	---	33.0	31.5	32.0	---	---	---	24.0	23.5	23.5
27	---	---	---	32.5	31.5	32.0	---	---	---	23.5	23.5	23.5
28	27.0	25.5	26.0	33.0	31.0	32.0	---	---	---	23.5	23.5	23.5
29	27.0	26.0	26.5	33.0	31.5	32.0	---	---	---	24.5	23.5	24.0
30	27.5	26.0	26.5	32.5	31.5	32.0	---	---	---	24.0	23.0	23.5
31	---	---	---	33.5	31.5	32.5	---	---	---	---	---	---
MONTH	28.0	21.5	25.5	33.5	26.5	29.6	34.5	30.0	31.1	29.5	23.0	25.5
YEAR	34.5	10.5	20.1									

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	BOTTOM MAX	BOTTOM MIN	BOTTOM MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.0	19.5	20.0	21.0	20.5	21.0	18.0	17.5	18.0	13.5	13.5	13.5
2	20.0	18.5	19.5	21.0	20.0	20.5	17.5	17.5	17.5	13.5	13.0	13.5
3	20.0	19.5	20.0	---	---	---	18.0	16.0	17.0	13.5	13.0	13.0
4	20.5	19.5	20.0	---	---	---	17.5	17.5	17.5	13.0	12.5	13.0
5	24.0	20.0	20.5	21.0	20.5	20.5	17.5	17.5	17.5	12.5	12.5	12.5
6	24.5	20.0	21.5	20.5	20.5	20.5	17.5	17.5	17.5	13.0	12.0	12.5
7	24.0	20.0	21.5	20.5	20.0	20.5	17.5	17.5	17.5	12.0	12.0	12.0
8	24.0	20.0	21.5	20.0	20.0	20.0	17.5	17.5	17.5	12.0	11.5	12.0
9	23.0	20.0	21.0	20.0	19.5	20.0	17.5	17.5	17.5	12.0	11.5	12.0
10	20.5	20.0	20.5	20.0	19.5	19.5	17.5	17.0	17.5	12.0	11.5	11.5
11	21.0	20.0	20.5	20.0	19.5	20.0	17.5	17.5	17.5	11.5	11.5	11.5
12	21.0	20.5	20.5	20.0	19.5	19.5	17.5	17.0	17.5	11.5	11.5	11.5
13	20.5	20.5	20.5	19.5	19.5	19.5	17.0	17.0	17.0	11.5	11.5	11.5
14	21.0	20.5	20.5	19.5	19.0	19.5	17.0	17.0	17.0	11.5	11.0	11.0
15	21.0	20.0	20.5	19.5	19.0	19.5	17.0	16.5	17.0	11.5	11.0	11.5
16	20.5	20.0	20.5	19.5	19.0	19.0	16.5	16.5	16.5	11.0	11.0	11.0
17	20.5	20.0	20.0	19.0	19.0	19.0	16.5	16.0	16.5	11.0	11.0	11.0
18	20.5	20.0	20.5	19.0	19.0	19.0	16.0	16.0	16.0	12.0	11.0	11.5
19	21.0	20.0	20.5	19.0	19.0	19.0	16.0	15.5	15.5	11.5	11.0	11.5
20	21.0	20.0	20.5	19.0	19.0	19.0	15.5	15.5	15.5	11.0	11.0	11.0
21	20.5	20.0	20.5	19.0	18.5	19.0	15.5	15.0	15.0	11.0	11.0	11.0
22	21.5	20.5	20.5	18.5	18.5	18.5	15.5	15.0	15.0	11.0	11.0	11.0
23	20.5	20.5	20.5	18.5	18.5	18.5	15.0	15.0	15.0	11.5	10.5	11.0
24	21.5	20.5	21.0	18.5	18.5	18.5	15.0	15.0	15.0	11.5	10.5	11.0
25	21.5	20.5	21.5	18.5	18.0	18.5	15.0	14.5	14.5	11.5	11.0	11.0
26	21.5	20.5	21.0	18.5	17.5	18.0	14.5	14.5	14.5	11.5	10.5	11.0
27	21.5	20.5	21.0	18.0	18.0	18.0	14.5	14.0	14.0	11.0	11.0	11.0
28	21.5	21.0	21.0	18.0	17.0	18.0	14.0	14.0	14.0	11.5	10.5	11.0
29	21.5	21.0	21.5	18.0	17.5	18.0	14.0	14.0	14.0	11.0	10.5	11.0
30	21.5	21.0	21.0	18.0	18.0	18.0	14.5	14.0	14.0	11.0	10.5	10.5
31	21.5	21.0	21.0	---	---	---	14.0	13.5	13.5	11.0	10.0	10.5
MONTH	24.5	18.5	20.7	21.0	17.0	19.2	18.0	13.5	16.1	13.5	10.0	11.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	10.5	10.5	12.0	11.5	11.5	11.0	10.5	11.0	13.5	12.0	13.0
2	11.0	10.5	11.0	11.5	11.0	11.5	11.0	10.5	10.5	13.0	11.5	12.5
3	11.0	11.0	11.0	12.0	11.5	11.5	11.0	10.5	10.5	13.5	12.0	13.0
4	11.5	11.0	11.0	12.0	11.5	11.5	11.0	10.5	10.5	14.0	12.0	13.0
5	11.0	11.0	11.0	11.5	11.0	11.5	11.5	10.5	11.0	14.0	12.5	13.5
6	11.5	11.0	11.0	11.5	11.0	11.5	11.5	10.5	11.0	14.5	13.5	14.0
7	12.0	11.0	11.5	11.5	11.0	11.0	11.0	10.5	11.0	14.0	13.0	13.5
8	12.0	11.0	11.5	11.0	11.0	11.0	11.5	10.5	11.0	14.0	13.0	13.5
9	11.5	11.0	11.0	11.0	11.0	11.0	11.0	10.5	11.0	13.5	12.5	13.5
10	11.5	11.0	11.0	11.5	11.0	11.0	11.5	10.5	11.0	14.0	12.5	13.5
11	11.5	11.0	11.0	11.5	11.0	11.0	11.0	11.0	11.0	14.0	13.0	13.5
12	12.5	11.0	11.5	11.0	11.0	11.0	12.0	11.0	11.5	14.0	13.0	13.5
13	12.5	11.5	12.0	11.0	11.0	11.0	11.5	11.0	11.0	14.0	13.0	13.5
14	12.0	11.5	11.5	11.0	11.0	11.0	11.5	11.0	11.0	14.0	13.0	13.5
15	11.5	11.5	11.5	11.0	11.0	11.0	11.5	11.0	11.0	14.0	12.5	13.5
16	11.5	11.5	11.5	11.0	11.0	11.0	15.0	11.0	13.0	14.0	13.5	13.5
17	11.5	11.5	11.5	11.0	11.0	11.0	15.5	12.5	13.5	14.0	13.5	13.5
18	11.5	11.5	11.5	11.0	11.0	11.0	14.5	12.0	13.0	14.0	13.5	14.0
19	11.5	11.5	11.5	11.0	11.0	11.0	13.5	11.5	12.5	14.0	13.5	13.5
20	11.5	11.5	11.5	11.0	11.0	11.0	12.5	11.5	12.0	14.0	13.5	13.5
21	11.5	11.5	11.5	11.0	11.0	11.0	12.5	11.0	11.5	14.0	13.5	14.0
22	11.5	11.5	11.5	11.0	11.0	11.0	12.5	11.0	11.5	14.5	13.5	14.0
23	12.0	11.5	11.5	11.0	11.0	11.0	12.5	11.0	12.0	14.5	13.5	14.0
24	11.5	11.5	11.5	11.0	10.5	11.0	12.5	11.0	12.0	14.5	13.5	14.0
25	11.5	11.0	11.5	11.0	11.0	11.0	12.0	11.5	11.5	14.5	14.0	14.0
26	11.5	11.0	11.0	11.0	10.5	11.0	13.0	11.5	12.0	14.0	14.0	14.0
27	11.0	11.0	11.0	11.0	10.5	11.0	13.0	11.5	12.0	14.5	14.0	14.0
28	12.0	11.0	11.5	11.0	11.0	11.0	12.5	11.0	11.5	14.5	14.0	14.0
29	---	---	---	11.0	10.5	11.0	12.5	11.5	12.0	14.5	14.0	14.0
30	---	---	---	11.0	10.5	11.0	13.5	11.5	12.5	14.5	13.5	14.0
31	---	---	---	11.0	10.5	11.0	---	---	---	14.5	13.5	14.0
MONTH	12.5	10.5	11.3	12.0	10.5	11.1	15.5	10.5	11.6	14.5	11.5	13.6

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

				BOTTOM								
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.5	14.0	14.0	15.0	15.0	15.0	16.0	15.5	15.5	17.0	16.5	16.5
2	14.5	14.0	14.5	15.5	15.0	15.0	16.0	15.5	15.5	17.0	16.0	16.5
3	14.5	14.0	14.5	15.0	15.0	15.0	16.0	15.5	15.5	16.5	16.5	16.5
4	14.5	14.0	14.5	15.0	15.0	15.0	16.0	15.5	16.0	17.0	16.5	16.5
5	14.5	14.0	14.5	15.5	15.0	15.0	16.0	15.5	15.5	17.0	16.5	16.5
6	15.0	14.5	14.5	15.0	15.0	15.0	16.0	15.5	15.5	17.0	16.5	16.5
7	15.0	14.5	14.5	15.5	15.0	15.0	16.0	15.5	16.0	16.5	16.5	16.5
8	15.0	14.5	14.5	15.5	15.0	15.0	16.5	15.5	16.0	17.0	16.5	16.5
9	15.0	14.0	14.5	15.5	15.0	15.0	16.0	15.5	16.0	17.0	16.5	17.0
10	14.5	14.5	14.5	15.5	15.0	15.0	16.0	15.5	16.0	17.0	16.5	17.0
11	15.0	14.5	14.5	15.5	15.0	15.0	16.0	16.0	16.0	17.0	16.5	17.0
12	15.0	14.5	15.0	15.5	15.0	15.0	16.5	16.0	16.0	17.0	16.5	17.0
13	15.0	14.5	14.5	15.5	15.0	15.0	16.5	16.0	16.0	17.0	16.5	17.0
14	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.0	17.0	17.0	17.0
15	15.0	14.5	14.5	15.5	15.0	15.0	16.5	16.0	16.0	17.5	17.0	17.0
16	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.0	17.5	16.5	17.0
17	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.0	17.5	17.0	17.0
18	15.0	14.5	14.5	15.5	15.0	15.5	16.5	16.0	16.0	17.5	17.0	17.0
19	15.0	14.5	14.5	15.5	15.0	15.0	16.5	16.0	16.0	17.0	16.5	17.0
20	15.0	14.5	15.0	15.5	15.0	15.0	---	---	---	17.0	17.0	17.0
21	15.0	14.5	15.0	15.5	15.0	15.5	---	---	---	17.5	17.0	17.0
22	15.0	14.5	15.0	15.5	15.0	15.0	---	---	---	17.5	17.0	17.0
23	15.0	14.5	15.0	15.5	15.0	15.0	---	---	---	17.5	17.0	17.0
24	15.0	14.5	15.0	15.5	15.0	15.0	---	---	---	17.5	17.0	17.0
25	---	---	---	15.5	15.0	15.5	---	---	---	17.0	17.0	17.0
26	---	---	---	15.5	15.0	15.5	---	---	---	17.0	17.0	17.0
27	---	---	---	15.5	15.0	15.5	---	---	---	17.0	17.0	17.0
28	15.0	15.0	15.0	16.0	15.5	15.5	---	---	---	17.0	17.0	17.0
29	15.0	15.0	15.0	16.0	15.0	15.5	---	---	---	17.5	17.0	17.0
30	15.0	15.0	15.0	16.0	15.0	15.5	---	---	---	17.5	17.0	17.5
31	---	---	---	16.0	15.5	15.5	---	---	---	---	---	---
MONTH	15.0	14.0	14.7	16.0	15.0	15.2	16.5	15.5	15.9	17.5	16.0	16.9
YEAR	24.5	10.0	14.8									

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.6	6.3	7.1	8.0	6.9	7.4	6.9	6.5	6.6	9.2	8.8	9.0
2	6.9	5.1	5.9	7.8	6.8	7.5	6.8	6.5	6.7	9.4	8.8	9.1
3	6.2	5.0	5.5	7.9	6.3	7.5	6.8	6.3	6.5	9.6	9.1	9.4
4	6.5	5.4	6.0	7.2	6.5	6.7	6.5	6.1	6.3	10.0	9.4	9.7
5	6.2	5.6	5.9	6.5	4.9	5.9	7.0	6.1	6.3	10.2	9.5	9.9
6	5.7	5.2	5.5	5.1	0.5	2.5	6.2	6.0	6.1	10.3	9.7	10.0
7	6.5	5.0	5.7	4.5	0.5	1.3	6.3	5.8	6.0	10.4	9.8	10.1
8	7.2	5.8	6.6	1.9	0.7	1.4	6.2	5.8	6.0	10.0	9.6	9.8
9	7.1	5.8	6.4	1.8	0.7	1.4	6.4	5.8	6.0	10.4	9.6	10.0
10	6.6	5.4	6.0	2.5	1.0	1.6	5.9	5.7	5.8	10.5	9.6	9.9
11	6.6	5.6	6.1	2.8	0.9	2.0	5.9	5.4	5.6	10.5	9.6	10.1
12	7.4	5.6	6.6	3.6	1.6	2.7	5.6	5.3	5.4	11.0	9.6	10.1
13	6.9	5.6	6.3	3.8	1.9	2.7	5.7	5.3	5.5	10.4	9.5	10.0
14	7.3	6.6	6.8	4.3	3.1	3.6	6.2	5.3	5.8	10.1	9.5	9.9
15	7.1	6.1	6.5	5.4	3.3	4.3	6.9	5.3	6.1	10.8	9.6	10.0
16	6.7	6.0	6.3	5.9	5.1	5.4	7.5	6.6	7.1	10.1	9.4	9.7
17	6.5	5.6	6.0	6.2	5.5	6.0	8.0	7.5	7.8	9.9	9.4	9.6
18	6.5	5.7	6.0	6.7	5.5	6.3	8.0	7.8	7.9	10.2	9.5	9.9
19	7.1	6.3	6.7	6.7	6.5	6.6	8.3	7.9	8.1	10.0	9.3	9.7
20	7.1	6.2	6.8	6.7	6.4	6.5	8.4	8.2	8.2	10.7	9.2	9.7
21	6.6	5.8	6.2	6.5	6.2	6.4	8.4	8.2	8.3	10.9	9.4	10.2
22	6.5	5.9	6.2	6.6	6.2	6.4	8.4	8.2	8.3	10.4	9.1	9.7
23	6.4	5.7	6.1	6.6	6.2	6.4	8.4	8.3	8.3	10.5	9.5	10.0
24	6.7	5.7	6.1	6.7	6.4	6.6	8.5	8.3	8.4	10.9	9.3	10.2
25	6.8	5.9	6.3	6.8	6.4	6.6	8.4	8.2	8.3	10.8	9.1	10.1
26	7.1	6.1	6.6	7.0	6.6	6.8	8.4	8.1	8.3	10.4	9.0	9.8
27	7.2	6.1	6.7	7.0	6.7	6.9	8.6	8.2	8.4	11.0	10.0	10.5
28	7.5	6.4	7.0	7.0	6.7	6.8	8.8	8.5	8.6	10.9	9.4	10.6
29	7.7	7.1	7.5	7.1	6.8	6.9	8.8	8.6	8.7	11.3	10.5	11.0
30	8.1	6.7	7.5	7.0	6.6	6.8	9.1	8.6	8.9	10.6	8.9	9.5
31	8.2	7.6	8.0	---	---	---	9.3	8.7	9.0	9.4	9.0	9.2
MONTH	8.2	5.0	6.4	8.0	0.5	5.2	9.3	5.3	7.2	11.3	8.8	9.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.7	9.1	9.3	10.6	10.2	10.5	10.2	9.2	9.7	8.5	8.2	8.4
2	9.9	9.3	9.6	10.8	9.6	10.2	10.2	9.5	9.9	8.7	8.1	8.4
3	9.9	9.4	9.7	10.3	9.6	10.0	10.5	9.3	10.0	8.8	8.1	8.5
4	10.7	9.6	10.0	10.3	10.0	10.2	10.5	9.2	10.2	9.2	8.5	8.8
5	10.2	9.4	9.8	10.1	9.7	9.9	10.3	9.7	10.0	9.0	8.5	8.7
6	10.3	9.5	9.8	10.1	9.7	9.9	9.9	9.2	9.6	9.2	8.6	8.8
7	10.7	9.4	10.0	10.1	9.7	9.9	10.2	9.6	9.8	9.2	8.3	8.9
8	10.6	9.6	9.9	10.0	9.5	9.7	9.9	9.5	9.7	9.6	8.8	9.2
9	10.2	9.5	9.7	9.9	9.4	9.6	9.8	9.4	9.6	9.8	8.9	9.3
10	10.8	9.4	9.9	10.0	9.5	9.8	9.7	9.1	9.4	9.3	8.7	9.0
11	10.5	9.4	9.8	9.9	9.5	9.7	9.7	8.8	9.3	9.2	8.5	8.9
12	11.0	9.7	10.5	10.0	9.6	9.8	9.4	8.8	9.1	8.7	8.0	8.4
13	10.4	9.9	10.1	9.9	9.5	9.7	9.2	8.4	8.9	8.9	8.1	8.6
14	10.2	9.8	9.9	9.9	9.4	9.7	9.2	8.8	9.0	9.2	8.2	8.6
15	10.1	9.8	9.9	9.9	9.6	9.8	9.1	8.7	8.9	8.8	8.2	8.4
16	10.7	9.7	10.0	9.9	9.6	9.7	9.0	8.6	8.8	9.0	8.2	8.6
17	10.8	9.8	10.1	9.9	9.5	9.7	9.0	8.6	8.8	8.9	8.0	8.5
18	10.4	9.6	9.9	10.1	9.6	9.8	8.9	8.6	8.8	9.0	8.4	8.7
19	10.1	9.7	9.9	10.3	9.5	9.8	9.0	8.6	8.8	9.6	8.6	9.0
20	10.1	9.7	9.9	10.3	9.5	10.0	9.0	8.4	8.7	9.2	8.2	8.8
21	10.0	9.6	9.8	10.3	9.4	9.8	8.9	8.2	8.6	9.1	8.2	8.7
22	10.2	9.6	9.9	10.3	9.8	10.0	9.1	8.6	8.8	9.2	8.6	8.8
23	10.1	9.6	9.8	10.6	9.7	10.2	9.2	8.7	8.9	8.8	8.4	8.6
24	10.1	9.7	9.9	10.6	10.2	10.4	9.0	8.3	8.7	8.7	8.1	8.4
25	10.2	9.9	10.1	10.5	10.0	10.3	8.8	8.3	8.5	8.6	8.0	8.3
26	10.2	9.9	10.1	10.0	9.2	9.7	8.9	8.3	8.5	8.4	7.7	8.2
27	10.4	9.9	10.1	10.2	9.2	9.6	9.2	8.5	8.8	8.5	7.5	8.1
28	10.7	10.3	10.5	10.4	9.6	10.0	8.9	7.7	8.3	9.2	7.5	8.6
29	---	---	---	10.6	10.1	10.3	8.3	7.7	8.0	9.5	8.6	9.0
30	---	---	---	10.4	9.7	10.2	8.4	7.8	8.1	9.4	8.4	9.0
31	---	---	---	10.4	9.3	10.0	---	---	---	9.2	8.5	8.9
MONTH	11.0	9.1	9.9	10.8	9.2	9.9	10.5	7.7	9.1	9.8	7.5	8.7

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.0	8.0	8.5	8.1	6.9	7.5	7.5	7.0	7.2	---	---	---
2	9.2	8.5	8.8	8.2	7.0	7.6	7.5	7.1	7.3	---	---	---
3	9.1	8.3	8.8	8.1	7.2	7.8	---	---	---	---	---	---
4	9.0	8.1	8.6	8.3	7.3	7.8	---	---	---	---	---	---
5	9.0	8.1	8.6	7.9	7.1	7.6	7.3	6.9	7.1	---	---	---
6	9.0	7.9	8.5	7.8	7.0	7.5	7.5	6.9	7.2	---	---	---
7	8.7	7.9	8.4	7.9	7.1	7.5	7.4	6.8	7.1	---	---	---
8	8.8	7.9	8.4	8.0	7.3	7.6	7.3	6.7	7.1	---	---	---
9	8.2	7.8	8.0	8.0	7.3	7.7	7.2	6.8	7.0	---	---	---
10	8.4	7.4	8.0	7.9	7.4	7.7	7.2	6.8	7.0	---	---	---
11	8.0	6.6	7.7	7.8	7.2	7.4	7.2	6.7	7.0	---	---	---
12	8.3	6.6	7.8	7.5	7.0	7.2	7.2	6.8	7.0	---	---	---
13	8.5	7.7	8.1	7.5	7.0	7.3	7.1	6.7	6.9	---	---	---
14	8.9	7.9	8.4	7.7	6.7	7.3	7.2	6.8	7.0	---	---	---
15	8.6	7.6	8.0	8.0	7.1	7.5	7.3	7.0	7.2	---	---	---
16	8.3	7.3	7.8	8.3	7.3	7.8	7.4	7.0	7.2	---	---	---
17	8.5	7.4	7.9	8.3	7.6	8.0	---	---	---	---	---	---
18	8.3	7.5	7.9	8.3	7.5	7.9	---	---	---	---	---	---
19	8.1	5.3	6.9	8.1	7.6	7.8	---	---	---	---	---	---
20	7.7	5.7	7.1	8.1	7.6	7.8	---	---	---	---	---	---
21	8.1	7.2	7.6	7.9	7.5	7.7	---	---	---	---	---	---
22	8.2	7.1	7.7	7.9	7.5	7.7	---	---	---	---	---	---
23	8.3	7.0	7.7	7.8	7.4	7.6	---	---	---	---	---	---
24	8.5	7.7	8.1	7.8	7.4	7.6	---	---	---	---	---	---
25	---	---	---	7.7	7.3	7.5	---	---	---	---	---	---
26	---	---	---	7.7	7.2	7.4	---	---	---	---	---	---
27	---	---	---	7.6	7.2	7.5	---	---	---	---	---	---
28	8.2	7.7	7.9	7.6	7.2	7.4	---	---	---	---	---	---
29	8.0	7.4	7.8	7.6	7.2	7.4	---	---	---	---	---	---
30	7.8	7.2	7.5	7.6	7.2	7.3	---	---	---	---	---	---
31	---	---	---	7.5	7.1	7.3	---	---	---	---	---	---
MONTH	9.2	5.3	8.0	8.3	6.7	7.6	7.5	6.7	7.1	---	---	---
YEAR	11.3	0.5	8.1									

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	BOTTOM MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	0.0	0.0	0.0	4.7	3.6	4.3	5.7	5.5	5.6	7.6	7.5	7.6
2	0.0	0.0	0.0	4.6	1.3	2.9	5.8	5.6	5.7	7.8	7.5	7.7
3	0.0	0.0	0.0	4.8	0.7	2.7	5.7	5.4	5.6	8.0	7.7	7.8
4	0.0	0.0	0.0	3.8	1.2	2.5	5.6	5.1	5.4	8.2	8.0	8.0
5	2.2	0.0	0.3	3.5	0.8	1.8	5.5	5.1	5.3	8.3	8.1	8.2
6	2.5	0.0	0.7	3.2	1.2	2.2	5.4	4.9	5.1	8.4	8.1	8.3
7	2.7	0.0	0.9	4.1	1.1	3.0	5.4	5.0	5.2	8.4	8.2	8.4
8	3.0	0.0	0.9	4.5	1.5	3.5	5.5	5.0	5.3	8.5	8.4	8.4
9	2.6	0.0	0.5	3.9	3.1	3.5	5.5	5.1	5.3	8.6	8.4	8.5
10	0.0	0.0	0.0	4.5	3.1	4.0	5.2	5.0	5.1	8.7	8.5	8.6
11	0.3	0.0	0.0	5.1	4.1	4.6	5.2	4.9	5.1	8.8	8.6	8.7
12	0.3	0.0	0.1	5.3	3.1	4.2	5.1	4.7	5.0	8.9	8.7	8.8
13	0.2	0.0	0.1	4.8	3.0	4.2	5.1	4.9	5.0	9.0	8.8	8.9
14	0.9	0.0	0.3	4.7	3.1	4.1	5.7	4.9	5.4	9.0	8.8	8.9
15	0.3	0.0	0.1	5.2	3.3	4.5	6.0	4.7	5.5	9.2	8.8	8.9
16	0.8	0.0	0.2	5.3	4.2	4.9	6.0	5.7	6.0	9.0	8.8	8.9
17	0.0	0.0	0.0	5.1	3.8	4.7	6.3	6.0	6.2	9.1	8.9	8.9
18	0.0	0.0	0.0	5.5	3.8	5.0	6.4	6.2	6.3	9.3	8.8	9.0
19	0.0	0.0	0.0	5.6	5.3	5.5	6.6	6.4	6.5	9.3	9.0	9.2
20	0.2	0.0	0.0	5.5	5.1	5.3	6.7	6.6	6.6	9.1	8.9	9.1
21	0.0	0.0	0.0	5.4	5.0	5.3	6.8	6.6	6.7	9.2	8.8	9.1
22	0.3	0.0	0.0	5.6	5.2	5.4	6.8	6.6	6.7	9.2	8.9	9.1
23	0.0	0.0	0.0	5.5	5.2	5.3	7.0	6.8	6.9	9.2	8.6	9.0
24	4.8	0.0	2.5	5.5	5.1	5.4	7.0	6.9	7.0	9.0	8.6	8.9
25	5.5	0.0	3.1	5.6	5.0	5.4	7.0	6.7	6.9	9.1	8.9	9.0
26	4.2	0.1	2.6	5.5	5.2	5.4	7.1	6.8	7.0	9.1	8.8	9.0
27	3.3	0.0	0.8	5.6	4.8	5.3	7.3	6.9	7.2	9.2	8.8	8.9
28	6.0	0.0	2.1	5.7	5.5	5.6	7.3	7.1	7.3	9.2	8.9	9.0
29	6.1	3.0	4.3	5.8	5.5	5.7	7.4	7.2	7.3	9.3	8.9	9.1
30	4.2	2.4	3.4	5.7	5.5	5.6	7.6	7.2	7.4	9.3	9.1	9.2
31	4.5	3.4	4.0	---	---	---	7.6	7.4	7.5	9.3	9.1	9.2
MONTH	6.1	0.0	0.9	5.8	0.7	4.4	7.6	4.7	6.1	9.3	7.5	8.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.4	9.2	9.3	10.7	10.5	10.6	10.4	10.2	10.3	8.3	8.1	8.2
2	9.6	9.3	9.5	10.7	10.5	10.6	10.4	10.1	10.2	8.1	7.7	7.9
3	9.8	9.4	9.6	10.9	10.5	10.7	10.2	10.1	10.2	8.0	7.4	7.7
4	10.0	9.7	9.8	10.9	10.7	10.8	10.3	10.0	10.2	7.5	6.9	7.2
5	9.9	9.4	9.7	10.8	10.6	10.7	10.2	10.0	10.1	7.2	6.7	6.9
6	9.9	9.4	9.7	10.9	10.6	10.7	10.2	10.0	10.1	7.0	6.6	6.9
7	10.3	9.7	10.0	10.7	10.6	10.6	10.1	9.9	10.0	7.1	6.7	6.9
8	10.3	9.8	10.0	10.7	10.6	10.7	10.2	9.9	10.0	8.0	6.5	6.8
9	9.9	9.8	9.9	10.7	10.6	10.6	10.1	9.9	10.0	8.1	6.7	7.0
10	9.9	9.8	9.8	10.8	10.6	10.7	10.1	9.8	9.9	8.2	6.7	7.0
11	10.0	9.8	9.9	10.7	10.5	10.6	10.0	9.8	9.9	7.4	6.7	6.9
12	10.2	9.8	10.0	10.8	10.6	10.7	10.1	9.8	9.8	7.0	6.8	6.9
13	10.2	9.9	10.1	10.8	10.6	10.7	10.0	9.7	9.8	7.2	6.8	6.9
14	10.1	9.9	10.0	10.8	10.6	10.7	9.8	9.6	9.7	7.3	6.8	7.0
15	10.2	10.0	10.1	10.8	10.6	10.7	9.9	9.5	9.6	7.6	6.8	6.9
16	10.1	10.0	10.0	10.8	10.7	10.8	9.7	9.4	9.5	7.1	6.8	6.9
17	10.1	10.0	10.0	10.8	10.6	10.7	9.7	9.4	9.6	9.0	6.8	7.0
18	10.2	10.0	10.1	10.8	10.6	10.7	9.7	9.3	9.5	7.3	6.8	7.0
19	10.2	10.0	10.1	10.7	10.6	10.7	9.7	9.3	9.5	7.4	6.8	7.0
20	10.2	10.1	10.2	10.7	10.5	10.6	9.6	9.1	9.4	7.7	6.8	7.0
21	10.2	10.0	10.1	10.7	10.5	10.6	10.6	9.0	9.3	7.8	6.9	7.0
22	10.3	10.1	10.2	10.6	10.4	10.5	10.8	9.0	9.5	8.8	6.8	7.1
23	10.4	10.1	10.2	10.6	10.4	10.5	9.3	8.9	9.1	7.2	6.9	7.1
24	10.3	10.1	10.3	10.6	10.3	10.5	9.4	8.9	9.1	7.3	7.0	7.2
25	10.5	10.3	10.4	10.5	10.2	10.3	9.1	8.9	9.0	7.5	7.0	7.2
26	10.4	10.3	10.4	10.4	10.2	10.3	9.1	8.7	8.9	7.5	7.0	7.3
27	10.4	10.3	10.4	10.5	10.3	10.4	9.0	8.7	8.8	7.5	7.1	7.3
28	10.7	10.3	10.5	10.6	10.3	10.4	8.8	8.4	8.7	7.7	7.2	7.3
29	---	---	---	10.5	10.3	10.4	8.7	8.2	8.5	8.2	7.2	7.4
30	---	---	---	10.4	10.3	10.4	8.5	8.2	8.4	7.6	7.2	7.4
31	---	---	---	10.4	10.3	10.3	---	---	---	8.4	7.3	7.5
MONTH	10.7	9.2	10.0	10.9	10.2	10.6	10.8	8.2	9.6	9.0	6.5	7.2

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	BOTTOM MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	7.3	7.4	6.8	6.5	6.6	3.4	3.0	3.2	3.1	1.9	2.2
2	9.0	7.4	7.6	7.7	6.4	6.7	3.8	2.7	3.0	3.9	2.1	2.3
3	8.1	7.4	7.6	8.1	6.6	6.9	4.1	2.7	3.8	2.7	2.1	2.3
4	7.7	7.0	7.3	6.9	6.5	6.7	5.7	3.7	4.2	2.4	2.2	2.3
5	7.5	6.9	7.2	7.0	6.6	6.8	3.9	3.6	3.8	2.2	2.0	2.1
6	7.6	6.9	7.1	6.9	6.6	6.7	4.4	3.4	3.6	2.2	1.9	2.1
7	8.9	6.8	7.1	8.3	6.6	6.8	5.1	3.6	4.1	2.1	1.9	2.0
8	8.9	6.7	7.0	6.9	6.7	6.8	5.4	3.5	3.9	2.7	1.8	2.0
9	7.1	6.7	6.9	6.9	6.3	6.6	5.2	3.4	3.7	4.4	1.8	2.1
10	7.1	6.7	6.9	6.4	6.3	6.3	5.9	3.4	3.7	2.1	1.7	1.9
11	7.2	6.6	6.8	6.4	6.1	6.2	6.0	3.3	3.7	5.9	1.6	2.0
12	6.9	6.5	6.8	7.6	6.0	6.2	3.7	3.2	3.5	3.4	1.5	1.9
13	7.4	6.3	6.7	7.5	5.9	6.3	3.8	3.2	3.4	2.8	1.4	1.8
14	7.3	6.5	6.7	6.2	5.9	6.0	3.5	3.1	3.4	5.1	1.3	1.8
15	6.9	6.3	6.5	6.7	5.9	6.1	3.6	2.9	3.3	1.7	0.9	1.4
16	6.4	6.0	6.2	7.2	5.9	6.1	3.9	3.1	3.5	1.6	0.9	1.4
17	6.4	6.0	6.2	6.1	5.8	6.0	3.8	3.1	3.4	1.7	1.4	1.6
18	6.5	6.2	6.4	6.1	5.8	5.9	3.8	3.0	3.2	1.8	1.3	1.4
19	6.6	6.1	6.3	6.1	5.8	5.9	3.3	3.0	3.2	2.8	1.3	1.5
20	6.4	6.1	6.3	6.1	5.6	5.9	---	---	---	5.4	1.3	1.8
21	6.4	6.2	6.3	7.3	5.5	5.8	---	---	---	2.2	1.0	1.3
22	6.5	6.2	6.3	7.4	5.2	6.4	---	---	---	3.0	0.9	1.2
23	6.5	6.2	6.4	5.4	4.9	5.2	---	---	---	1.1	0.9	1.0
24	7.1	6.1	6.4	5.9	4.6	4.9	---	---	---	1.2	0.8	1.0
25	---	---	---	5.6	4.5	4.7	---	---	---	2.1	0.7	.9
26	---	---	---	4.7	4.3	4.5	---	---	---	3.7	0.7	1.2
27	---	---	---	6.4	4.1	4.7	---	---	---	0.9	0.8	0.9
28	---	---	---	5.1	4.0	4.2	---	---	---	1.0	0.6	0.8
29	6.7	6.5	6.6	4.1	3.8	3.9	---	---	---	1.1	0.7	0.8
30	6.8	6.5	6.6	4.1	3.5	3.8	---	---	---	4.0	0.5	1.0
31	---	---	---	3.7	3.2	3.4	---	---	---	---	---	---
MONTH	9.0	6.0	6.8	8.3	3.2	5.8	6.0	2.7	3.6	5.9	0.5	1.6
YEAR	10.9	0.0	6.3									

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'12'', long 81°13'01'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.2 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--2,420 mi^2, approximately.

PERIOD OF RECORD.--October 1986 to current year. Data prior to October 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Elevation of gage is 170 ft above sea level (from topographic map).

REMARKS.--Regulated by hydro-electric generation from Lake Murray Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 85.86 ft, Feb. 22, 1990; minimum gage height, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.94 ft, Jul. 23; minimum gage height, 71.24 ft, Sep. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	77.17	73.30	74.89	75.97	73.29	74.70	75.09	73.01	73.76	76.23	72.96	74.13
2	82.62	73.14	76.05	81.22	74.62	77.40	75.68	73.08	74.01	75.51	72.57	73.74
3	76.82	73.10	73.57	77.86	74.34	75.92	75.96	73.11	74.05	75.55	72.91	73.56
4	76.81	73.15	74.49	76.81	73.64	75.22	74.85	73.03	73.37	79.86	72.89	75.36
5	77.18	72.56	75.36	77.27	73.92	75.19	76.56	73.14	73.97	81.43	74.16	75.78
6	76.96	73.00	75.23	76.43	73.96	75.18	75.08	73.08	73.49	82.71	73.15	77.13
7	77.78	72.51	75.31	77.46	73.89	76.06	73.11	73.08	73.10	75.55	72.95	73.78
8	79.14	72.86	75.15	77.32	74.29	75.80	74.16	73.08	73.20	77.02	73.04	74.28
9	75.52	72.79	74.00	75.84	73.94	74.99	73.10	73.01	73.06	76.57	72.96	73.95
10	76.83	73.04	74.43	76.44	74.06	75.25	74.03	72.75	72.98	76.83	73.30	75.03
11	76.34	72.71	74.16	76.65	75.20	75.94	75.59	72.75	73.18	78.75	73.13	75.05
12	77.12	72.90	74.62	75.88	74.48	75.35	74.67	73.15	73.54	76.66	73.38	74.42
13	75.84	71.93	73.91	77.08	74.29	75.59	76.01	73.55	74.77	75.12	72.65	73.81
14	76.48	73.19	74.37	78.08	73.80	75.45	77.25	73.17	75.22	75.57	73.37	74.21
15	75.58	73.25	74.28	73.80	73.10	73.24	82.71	74.05	78.57	74.30	72.74	73.06
16	75.42	73.18	73.71	76.20	73.10	74.23	76.74	72.96	74.26	73.07	73.01	73.05
17	76.28	73.18	74.17	76.02	73.86	74.61	76.66	73.07	74.76	73.03	72.77	72.82
18	75.22	72.93	73.77	76.68	72.77	74.16	77.25	73.27	74.85	72.84	72.66	72.71
19	75.24	73.22	74.31	73.42	72.75	72.82	75.85	72.98	74.27	72.66	72.65	72.65
20	76.87	72.61	74.38	76.04	73.24	74.27	76.64	74.38	75.67	75.54	72.65	73.39
21	75.86	72.74	73.48	76.06	73.02	74.38	76.98	74.18	75.46	73.54	72.33	72.40
22	76.05	72.52	73.57	76.72	73.20	74.61	78.07	73.82	75.40	72.46	72.36	72.42
23	75.39	72.92	73.58	78.27	75.02	76.53	75.86	73.06	74.15	74.84	72.25	72.74
24	76.84	73.48	75.06	77.58	73.74	75.47	74.05	73.22	73.46	76.32	73.52	74.86
25	76.76	73.87	75.33	77.33	73.44	75.03	77.40	73.31	74.40	75.53	73.50	74.13
26	76.04	73.24	74.30	75.67	73.07	74.15	77.23	73.52	74.71	75.87	72.99	73.72
27	76.57	73.30	74.45	75.93	73.04	73.76	77.29	73.49	75.18	73.18	72.99	73.03
28	76.37	73.80	75.08	75.84	73.10	74.29	76.35	73.31	74.62	73.05	73.02	73.04
29	76.76	73.89	75.51	76.00	73.19	74.22	76.29	73.34	74.01	73.03	73.02	73.02
30	76.65	72.62	74.44	75.12	72.77	74.13	76.13	73.05	74.39	73.03	72.93	72.98
31	76.42	73.53	74.92	---	---	---	78.97	73.06	75.17	72.94	72.92	72.93
MONTH	82.62	71.93	74.51	81.22	72.75	74.93	82.71	72.75	74.36	82.71	72.25	73.78

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	76.61	72.91	74.32	76.88	72.64	73.70	72.73	72.68	72.72	71.81	71.78	71.79
2	75.10	72.88	73.40	78.16	72.52	73.40	75.23	72.38	72.81	71.79	71.78	71.78
3	75.95	72.87	73.55	78.36	72.97	73.64	75.16	72.22	72.42	71.78	71.77	71.78
4	73.97	72.92	73.09	82.12	74.22	76.56	72.96	72.67	72.85	71.79	71.77	71.78
5	74.98	72.92	73.20	76.20	73.44	74.57	72.69	72.67	72.68	71.78	71.77	71.77
6	81.14	73.08	75.34	76.20	71.58	73.91	72.68	72.67	72.68	71.79	71.73	71.77
7	81.20	72.60	74.18	75.05	72.41	72.98	72.68	72.67	72.68	71.78	71.77	71.77
8	72.63	72.59	72.61	75.21	72.41	73.01	77.87	72.20	73.28	72.44	71.77	72.19
9	73.04	72.62	72.85	72.83	72.79	72.80	76.69	73.30	73.80	72.41	71.76	71.97
10	75.26	72.48	72.85	78.76	72.78	73.60	75.47	72.57	73.77	71.77	71.76	71.76
11	74.92	72.57	73.43	77.96	72.46	73.53	72.57	71.90	72.09	71.77	71.75	71.76
12	75.26	73.01	73.66	78.81	72.46	74.96	72.18	71.89	71.93	72.11	71.38	71.74
13	73.75	72.94	73.13	77.36	73.64	74.98	72.39	72.18	72.33	72.47	71.86	72.28
14	74.50	72.94	73.15	76.63	72.82	73.81	72.39	72.10	72.38	72.25	72.24	72.25
15	73.74	73.48	73.59	76.75	72.66	73.50	77.40	71.80	72.52	72.24	71.54	72.14
16	73.59	72.94	73.26	74.82	72.08	72.62	77.05	71.94	73.29	72.06	71.99	72.05
17	72.94	72.93	72.93	72.61	72.45	72.59	72.72	72.31	72.66	72.00	71.99	71.99
18	74.33	71.76	72.60	75.37	72.56	73.22	72.31	72.25	72.26	72.60	71.99	72.18
19	74.93	71.75	73.54	72.79	72.77	72.78	72.26	72.21	72.25	72.59	72.58	72.58
20	74.07	72.13	72.65	72.80	72.78	72.79	72.26	72.24	72.25	72.60	72.58	72.58
21	73.65	72.03	72.27	72.81	72.78	72.79	72.25	72.23	72.24	72.59	72.58	72.59
22	82.22	72.03	74.14	72.79	72.49	72.78	72.23	72.22	72.23	72.59	72.58	72.59
23	77.00	72.64	74.07	75.50	72.56	73.73	72.23	72.22	72.22	76.36	72.58	72.95
24	79.13	73.87	75.36	73.41	72.61	72.86	72.23	72.22	72.23	77.09	72.21	73.02
25	78.06	72.95	74.55	72.61	72.59	72.60	72.24	72.22	72.23	79.64	72.35	73.10
26	75.06	72.72	73.15	72.61	72.60	72.60	72.23	72.23	72.23	73.12	72.34	72.53
27	74.17	72.42	72.87	72.61	72.59	72.60	75.16	71.99	72.44	72.36	72.34	72.35
28	75.25	72.26	72.88	72.61	72.60	72.60	71.99	71.56	71.60	72.36	72.34	72.35
29	---	---	---	72.60	72.59	72.60	71.61	71.57	71.59	72.36	72.35	72.35
30	---	---	---	72.61	72.57	72.60	71.84	71.61	71.75	72.36	72.35	72.36
31	---	---	---	72.71	72.57	72.67	---	---	---	72.36	72.35	72.36
MONTH	82.22	71.75	73.45	82.12	71.58	73.33	77.87	71.56	72.48	79.64	71.38	72.21

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	72.36	71.92	72.26	71.96	71.95	71.95	83.00	73.11	75.42	---	---	---
2	72.11	72.08	72.10	71.98	71.95	71.97	76.85	72.29	73.33	72.03	71.99	72.01
3	72.11	72.10	72.10	71.98	71.96	71.97	73.51	72.29	72.52	80.50	71.56	73.80
4	75.36	72.08	72.27	71.98	71.97	71.98	76.07	72.26	73.11	71.56	71.44	71.45
5	79.30	72.08	72.61	76.38	71.98	73.04	72.26	72.00	72.14	77.22	71.44	73.39
6	72.38	72.13	72.26	77.21	72.31	74.05	72.17	72.12	72.14	72.62	71.74	72.11
7	72.17	72.13	72.14	73.32	72.23	72.37	72.18	72.14	72.16	75.83	71.50	72.65
8	72.15	72.13	72.14	72.23	72.17	72.19	72.21	72.17	72.19	73.06	72.04	72.56
9	76.50	72.12	72.59	72.24	72.21	72.22	72.39	72.19	72.21	75.01	72.05	72.88
10	72.40	72.13	72.16	72.26	72.23	72.25	72.25	72.21	72.23	73.90	72.11	72.64
11	72.17	72.13	72.14	74.76	71.53	72.29	---	---	---	72.72	72.04	72.46
12	72.17	72.13	72.14	75.08	71.53	72.31	---	---	---	72.77	72.07	72.56
13	72.15	72.12	72.14	74.40	71.95	72.54	---	---	---	72.83	71.55	72.45
14	72.16	72.14	72.15	72.24	71.62	71.84	---	---	---	72.87	71.53	71.92
15	72.17	72.14	72.15	76.57	71.60	73.73	---	---	---	72.89	71.71	72.59
16	72.24	72.15	72.16	78.82	72.62	74.36	---	---	---	72.21	71.55	72.01
17	72.17	72.14	72.15	78.18	72.31	75.38	---	---	---	72.62	72.15	72.46
18	72.17	72.14	72.15	77.83	73.31	75.04	---	---	---	72.76	71.95	72.54
19	72.17	72.15	72.16	80.30	72.63	74.64	---	---	---	72.63	71.92	72.36
20	72.17	72.15	72.16	80.43	72.50	75.47	---	---	---	72.68	71.91	72.41
21	72.17	72.16	72.16	78.68	72.66	74.69	---	---	---	72.84	71.94	72.45
22	72.27	72.16	72.24	81.85	73.37	75.68	---	---	---	72.84	72.06	72.47
23	72.27	72.26	72.27	84.94	73.65	78.87	---	---	---	72.71	71.86	72.37
24	72.28	72.26	72.27	81.41	74.18	76.31	---	---	---	72.74	71.98	72.52
25	72.52	72.27	72.32	81.37	72.00	74.04	---	---	---	72.71	72.43	72.61
26	72.48	72.28	72.32	82.57	73.64	76.01	---	---	---	72.61	72.59	72.60
27	72.29	72.28	72.28	84.02	74.17	77.52	---	---	---	72.60	71.48	72.10
28	75.67	71.99	72.47	79.16	73.19	75.94	---	---	---	78.74	71.47	72.74
29	71.99	71.94	71.95	83.43	73.18	76.25	---	---	---	82.27	72.51	73.92
30	71.96	71.95	71.95	82.96	73.24	76.88	---	---	---	74.37	71.24	71.97
31	---	---	---	81.13	72.46	74.88	---	---	---	---	---	---
MONTH	79.30	71.92	72.21	84.94	71.53	74.15	83.00	72.00	72.75	82.27	71.24	72.52
YEAR	84.94	71.24	73.44									

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi^2, approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 170 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see station 02168500). City of Columbia diverted about 42 ft^3/s above station for municipal supply.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2330	1950	1300	1720	1960	1340	673	302	460	345	3500	349
2	3640	4920	1600	1380	1080	1200	745	299	418	349	1290	2060
3	e1270	3200	1570	1210	1250	1420	588	297	420	350	564	217
4	e2260	2600	1080	3200	878	4530	739	298	525	351	1000	1530
5	e2920	2560	1550	3700	990	2060	655	297	809	1040	407	363
6	e2710	2460	1100	4780	2970	1650	655	298	478	1740	397	732
7	2940	3510	857	1430	2040	903	655	297	436	501	402	575
8	2940	2840	944	1850	618	1010	1290	455	435	425	407	672
9	1810	2380	838	1560	742	819	1540	371	701	432	412	725
10	2200	2500	820	2470	777	1550	1490	294	439	437	415	539
11	1950	2700	1050	2490	1200	1420	446	294	434	546	518	567
12	2300	2490	1210	1910	1270	2850	362	288	433	514	643	536
13	1700	2630	2130	1420	889	2480	509	463	434	590	637	464
14	2120	2190	2570	1730	936	1430	526	451	434	315	419	532
15	1980	825	6540	836	1190	1220	811	415	437	1700	365	425
16	1420	1670	1740	842	956	685	1160	380	442	2170	368	448
17	1860	1840	2210	724	744	606	642	363	438	3070	589	565
18	1400	1480	2260	671	634	1040	454	442	437	2620	867	529
19	1820	696	1830	640	1300	703	452	607	439	2470	551	503
20	1830	1590	2970	1120	656	706	451	608	439	3530	833	543
21	1160	1710	2790	521	478	708	447	609	441	2500	935	539
22	1230	2000	2770	539	2250	705	442	607	451	3550	525	550
23	1180	3780	1710	764	1670	1370	441	842	455	8090	684	507
24	2440	2680	1100	2270	2980	752	443	925	455	4270	360	574
25	2600	2340	1950	1630	2080	614	446	1080	475	2030	497	600
26	e1740	1610	2100	1350	933	615	444	573	477	4100	2000	596
27	e1870	1380	2590	831	768	613	e578	484	459	5980	441	380
28	2350	1690	2070	833	794	611	e252	485	605	3780	343	1310
29	2750	1690	1550	825	---	610	251	486	344	4350	347	1890
30	1760	1590	1940	803	---	611	294	487	344	5160	345	441
31	2220	---	2760	777	---	651	---	488	---	2770	347	---
TOTAL	64700	67501	59499	46826	35033	37482	18881	14585	13994	70075	21408	20261
MEAN	2087	2250	1919	1511	1251	1209	629	470	466	2260	691	675
MAX	3640	4920	6540	4780	2980	4530	1540	1080	809	8090	3500	2060
MIN	1160	696	820	521	478	606	251	288	344	315	343	217
CFSM	.86	.93	.79	.62	.52	.50	.26	.19	.19	.93	.29	.28
IN.	.99	1.04	.91	.72	.54	.58	.29	.22	.22	1.08	.33	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1999, BY WATER YEAR (WY)

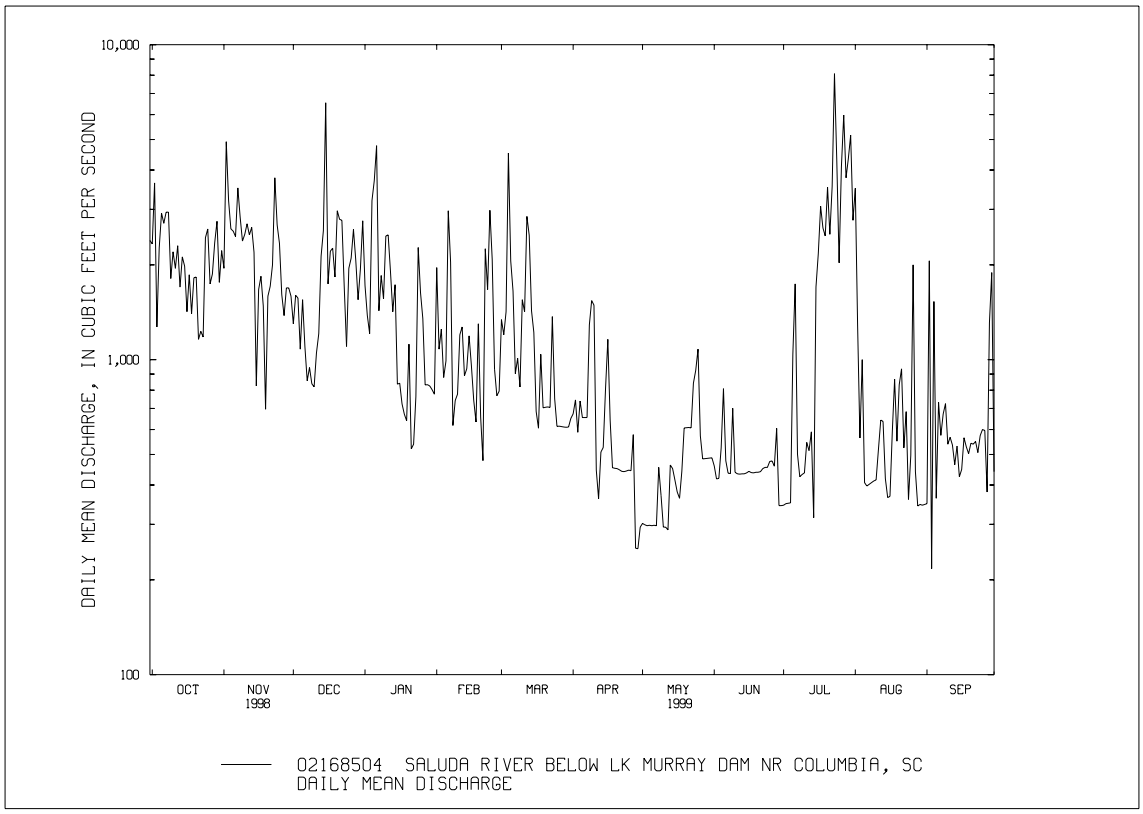
MEAN	2633	2403	2552	3250	4189	4297	2590	1885	2030	2425	2768	3131
MAX	5467	4579	5773	8890	8396	7437	6595	4617	3190	4067	5805	7837
(WY)	1991	1993	1993	1993	1998	1993	1998	1998	1994	1989	1994	1996
MIN	1378	912	370	396	718	1209	497	470	466	1176	691	675
(WY)	1994	1997	1991	1989	1989	1999	1995	1999	1999	1998	1999	1999

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1989 - 1999	
ANNUAL TOTAL	1395798		470245			
ANNUAL MEAN	3824		1288		2839	
HIGHEST ANNUAL MEAN					4097	1993
LOWEST ANNUAL MEAN					1288	1999
HIGHEST DAILY MEAN	17700	Feb 7	8090	Jul 23	21800	Jan 16 1995
LOWEST DAILY MEAN	263	Jul 2	217	Sep 3	155	* Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	674	Aug 4	285	Apr 28	168	Jan 12 1989
INSTANTANEOUS PEAK FLOW			18000	Jul 23	22400	Jan 16 1995
INSTANTANEOUS PEAK STAGE			14.89	Jul 23	** 16.01	Feb 21 1990
ANNUAL RUNOFF (CFSM)	1.58		.53		1.17	
ANNUAL RUNOFF (INCHES)	21.46		7.23		15.94	
10 PERCENT EXCEEDS	9240		2690		6850	
50 PERCENT EXCEEDS	2570		831		1900	
90 PERCENT EXCEEDS	1060		400		455	

* Also occurred on Sep. 25, 29, 1989.
** Caused by backwater from spillway floodgates.

e Estimated



02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1985, 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1984 to September 1985, October 1987 to current year.

DISSOLVED OXYGEN: October 1987 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Records of water temperature prior to October 1984 are in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.0 C, Oct. 9, 10, Sep. 21, 1991; minimum, 6.5 C on many days during Feb. and Mar. 1985, Feb. 5, 6, 1994.

DISSOLVED OXYGEN: Maximum, 14.0 mg/L, Feb. 17, 1995; minimum, 0.1 mg/L on many days 1987-99.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 21.0 C, Sep. 3; minimum, 9.0°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Apr. 10; minimum, 0.1 mg/L, Oct. 2, 5, 7.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.0	18.0	18.0	19.0	18.5	18.5	18.5	17.5	18.0	14.0	13.0	13.5
2	20.5	18.0	18.5	19.5	18.5	19.0	18.0	17.5	17.5	13.5	13.0	13.0
3	19.0	17.5	18.0	19.0	18.5	18.5	18.0	17.0	17.5	13.5	12.5	13.0
4	18.5	18.0	18.0	18.5	18.5	18.5	18.0	17.0	17.5	13.0	12.0	12.5
5	18.5	18.0	18.0	19.0	18.5	18.5	18.0	17.0	17.5	12.5	12.0	12.5
6	18.5	18.0	18.0	19.0	18.5	18.5	18.0	17.0	17.0	12.5	11.5	12.0
7	18.5	18.0	18.0	19.0	18.5	18.5	18.0	17.0	17.5	12.0	11.5	11.5
8	18.5	18.0	18.0	19.0	18.5	19.0	17.5	17.0	17.0	11.5	11.0	11.5
9	18.5	18.0	18.0	19.0	18.5	19.0	18.5	16.5	17.0	11.0	11.0	11.0
10	18.5	18.0	18.0	19.5	19.0	19.0	18.0	16.0	17.0	11.0	10.5	11.0
11	18.5	18.0	18.0	19.0	19.0	19.0	17.5	16.5	17.0	11.5	10.5	11.0
12	18.5	18.0	18.0	19.5	19.0	19.0	16.5	16.5	16.5	11.5	10.5	11.0
13	19.0	18.0	18.0	19.0	19.0	19.0	16.5	16.5	16.5	12.0	10.5	11.0
14	19.0	18.0	18.0	19.5	19.0	19.0	17.0	16.0	16.5	11.0	10.5	11.0
15	18.5	18.0	18.0	20.0	19.5	19.5	17.0	16.5	16.5	11.5	10.0	10.5
16	19.0	18.0	18.0	19.5	19.0	19.0	17.0	16.0	16.5	11.0	9.5	10.5
17	18.5	17.5	18.0	19.5	19.0	19.0	16.5	16.0	16.0	10.5	9.5	10.0
18	18.5	17.5	18.0	20.0	18.5	19.0	16.0	15.5	16.0	11.0	10.0	10.5
19	18.5	18.0	18.0	19.5	19.0	19.0	16.0	15.5	15.5	11.0	9.5	10.0
20	19.0	18.0	18.5	19.5	18.5	18.5	15.5	15.0	15.5	10.0	9.5	9.5
21	18.5	17.5	18.0	19.0	18.0	18.5	15.5	15.0	15.0	11.0	9.5	10.0
22	18.5	17.5	18.0	19.0	18.0	18.5	15.5	14.5	15.0	11.0	9.5	10.0
23	18.5	17.5	18.0	18.5	18.0	18.5	14.5	14.5	14.5	10.5	9.5	10.0
24	18.5	17.5	18.0	19.0	18.0	18.5	14.5	14.5	14.5	10.0	9.5	9.5
25	18.5	18.0	18.5	18.5	18.0	18.0	14.5	14.0	14.0	10.0	9.5	9.5
26	18.5	17.5	18.0	18.5	17.5	18.0	14.0	13.5	14.0	10.5	9.5	9.5
27	19.0	18.0	18.0	18.5	17.5	18.0	14.0	13.5	14.0	10.5	9.0	9.5
28	18.5	18.0	18.5	18.0	17.5	17.5	14.0	13.5	13.5	10.5	9.5	9.5
29	18.5	18.0	18.5	18.0	17.0	17.5	13.5	13.0	13.5	10.5	9.5	9.5
30	19.5	18.0	18.5	18.5	17.5	17.5	14.0	13.0	13.5	10.0	9.5	9.5
31	19.0	18.0	18.5	---	---	---	14.0	13.0	13.5	9.5	9.5	9.5
MONTH	20.5	17.5	18.1	20.0	17.0	18.6	18.5	13.0	15.8	14.0	9.0	10.7

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	9.5	9.5	11.5	11.0	11.0	12.0	11.0	11.0	13.0	12.0	12.5
2	10.0	9.5	10.0	11.5	11.0	11.0	12.5	11.0	11.5	15.5	12.0	13.0
3	10.5	9.5	10.0	11.5	11.0	11.5	14.0	11.0	12.0	15.5	12.0	13.0
4	11.0	9.5	10.0	---	---	---	12.0	11.0	11.5	16.0	12.0	13.5
5	11.0	9.5	10.0	---	---	---	13.0	11.0	11.5	14.0	12.5	13.0
6	11.0	10.0	10.0	13.0	10.5	11.5	11.5	11.0	11.0	15.5	13.0	13.5
7	11.0	10.0	10.5	13.0	11.0	11.5	12.5	11.0	11.5	15.0	13.0	13.5
8	12.0	10.0	11.0	11.5	10.5	11.0	13.0	11.0	11.5	13.5	12.0	13.0
9	11.0	10.0	10.5	11.0	10.5	11.0	12.0	11.0	11.5	16.0	12.0	13.5
10	12.0	10.0	11.0	12.0	10.5	11.0	12.0	11.0	11.5	16.5	13.0	14.0
11	12.0	10.0	10.5	12.5	11.0	11.5	13.5	11.5	12.5	16.0	13.0	14.0
12	11.0	10.0	10.5	11.5	10.5	11.0	14.0	11.5	12.5	14.5	13.0	13.5
13	11.5	10.0	10.5	11.0	10.5	11.0	13.5	11.0	12.0	15.0	12.0	13.0
14	11.5	10.0	10.5	11.0	10.5	10.5	13.0	11.0	11.5	15.0	12.5	13.5
15	11.0	10.0	10.5	11.0	10.5	11.0	13.5	11.0	12.0	15.0	12.5	13.5
16	12.0	10.5	11.0	13.5	10.5	11.5	13.0	11.0	11.5	16.0	12.5	13.5
17	12.0	10.5	11.0	12.5	11.0	11.5	12.5	11.0	11.5	16.5	12.5	14.0
18	12.0	11.0	11.5	12.0	11.0	11.0	13.5	11.0	12.0	15.0	12.5	13.5
19	12.0	11.0	11.0	12.0	10.5	11.0	13.5	11.0	12.0	14.0	12.0	13.0
20	13.0	10.5	11.5	12.0	10.5	11.0	14.0	11.5	12.5	14.0	12.0	13.0
21	12.0	11.0	11.5	11.5	11.0	11.0	13.5	11.5	12.5	14.0	12.0	13.0
22	11.5	10.5	11.0	12.0	10.5	11.0	13.5	12.0	12.5	14.0	12.0	13.0
23	11.0	10.5	11.0	12.0	10.5	11.0	14.0	12.0	12.5	14.0	12.5	13.0
24	11.0	11.0	11.0	12.5	11.0	11.5	14.0	12.0	12.5	15.0	12.5	13.0
25	11.5	11.0	11.0	11.0	10.5	11.0	14.0	12.0	12.5	15.0	12.5	13.5
26	12.0	11.0	11.0	11.0	10.5	10.5	13.0	12.0	12.5	15.0	12.5	13.5
27	12.0	11.0	11.5	12.0	10.5	11.0	14.0	12.0	12.5	15.5	13.0	14.0
28	12.5	11.0	11.5	12.5	10.5	11.0	14.5	12.5	13.5	15.0	13.0	14.0
29	---	---	---	11.5	10.5	11.0	13.0	12.5	12.5	16.0	13.0	14.0
30	---	---	---	12.5	10.5	11.0	12.5	12.0	12.0	16.5	13.0	14.5
31	---	---	---	11.0	10.5	11.0	---	---	---	16.0	13.5	14.5
MONTH	13.0	9.5	10.7	13.5	10.5	11.1	14.5	11.0	12.0	16.5	12.0	13.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.5	13.0	14.0	17.5	15.0	16.0	15.5	14.5	15.0	19.5	16.0	17.5
2	15.5	13.5	14.5	18.0	15.0	16.0	18.5	14.5	16.0	19.0	15.5	16.5
3	16.5	14.0	14.5	18.0	15.0	16.0	18.5	15.5	16.5	21.0	15.5	19.0
4	16.5	14.0	14.5	18.5	15.0	16.0	18.0	15.0	16.0	18.0	15.5	16.5
5	16.5	13.0	14.5	18.5	14.0	15.0	18.5	15.5	17.0	18.5	16.5	17.5
6	16.5	13.5	14.5	15.0	13.5	14.0	18.5	16.5	17.5	20.0	15.5	16.5
7	16.0	13.5	14.5	17.5	14.5	15.5	18.5	16.5	17.5	19.0	16.0	17.0
8	16.0	14.0	14.5	18.0	15.0	16.0	19.0	16.5	17.5	19.5	16.0	17.0
9	16.0	14.0	14.5	18.0	15.5	16.5	19.0	16.5	17.5	19.0	16.0	16.5
10	17.0	14.0	15.0	17.5	15.5	16.0	19.0	16.5	17.5	19.5	16.0	17.0
11	17.0	14.0	15.0	18.0	14.0	16.0	19.0	16.0	17.0	19.0	15.5	17.0
12	16.5	14.0	15.0	16.5	14.0	15.5	18.0	16.0	16.5	20.5	15.5	17.0
13	16.0	13.5	14.5	15.5	14.5	15.0	18.0	16.0	16.5	19.5	15.5	17.5
14	16.5	14.0	15.0	17.0	15.0	16.0	18.5	16.0	17.0	17.5	16.5	17.0
15	16.0	14.0	15.0	16.0	14.0	15.0	19.0	16.5	17.5	18.5	16.0	17.0
16	15.5	14.0	14.5	15.0	14.0	14.5	18.5	17.0	17.5	19.0	16.0	17.0
17	16.0	13.5	14.5	14.5	14.0	14.0	19.0	15.5	17.0	19.0	16.0	17.0
18	16.5	13.5	14.5	14.5	14.0	14.0	19.0	15.0	16.5	19.5	16.0	17.0
19	16.5	13.0	14.5	14.5	14.0	14.5	19.5	15.5	17.0	19.5	16.0	17.5
20	14.5	13.5	14.0	15.5	14.0	14.5	17.0	15.0	16.0	17.5	16.5	17.0
21	15.0	13.5	14.0	15.5	14.0	14.5	17.0	15.0	16.0	18.5	16.5	17.0
22	15.5	13.5	14.5	14.5	14.5	14.5	20.5	15.0	17.5	19.0	16.0	17.0
23	16.0	13.5	14.5	16.0	14.0	14.5	18.5	15.5	16.5	18.5	15.5	16.5
24	16.0	13.5	14.5	15.5	14.5	15.0	19.5	15.5	17.5	18.0	15.5	16.5
25	16.5	14.0	15.0	17.0	14.0	15.5	19.5	16.0	17.0	18.0	16.0	16.5
26	16.5	14.5	15.5	15.5	14.5	15.0	18.5	15.0	16.0	18.0	16.0	16.5
27	16.5	14.5	15.0	16.0	14.5	15.0	19.0	15.0	17.0	18.0	16.0	17.0
28	16.5	13.5	15.0	15.0	14.5	14.5	19.0	17.0	17.5	18.5	16.0	17.5
29	17.0	14.5	15.5	16.0	14.5	15.0	18.5	17.0	17.5	17.5	15.5	16.5
30	18.0	15.0	16.0	15.5	14.5	15.0	19.5	16.5	17.5	19.0	15.5	17.0
31	---	---	---	16.0	14.5	15.0	19.0	16.0	17.5	---	---	---
MONTH	18.0	13.0	14.7	18.5	13.5	15.1	20.5	14.5	16.9	21.0	15.5	17.0
YEAR	21.0	9.0	14.6									

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.5	.4	1.3	4.1	.4	2.3	7.8	6.4	7.2	9.7	8.5	9.1
2	3.2	.1	1.2	6.2	.4	2.0	7.5	6.5	7.2	9.6	8.9	9.3
3	3.4	.5	2.3	6.3	.6	2.5	8.2	6.2	7.1	9.9	9.0	9.5
4	2.9	.3	1.6	6.7	1.1	4.2	8.3	6.4	7.5	11.3	9.3	10.1
5	3.1	.1	1.3	6.8	.6	4.4	8.0	6.1	7.1	11.0	9.2	10.2
6	5.1	.3	3.0	6.7	1.4	4.0	8.1	6.4	7.2	9.9	9.0	9.3
7	5.5	.1	2.3	6.6	.4	2.7	8.1	6.9	7.4	10.1	9.5	9.8
8	5.6	.3	2.5	4.8	.4	2.5	8.2	7.0	7.4	10.2	9.3	9.7
9	6.4	2.7	4.6	5.6	.4	3.0	8.4	7.0	7.5	10.0	9.7	9.9
10	6.1	2.2	3.6	5.0	.5	2.8	8.7	6.9	7.6	10.5	9.5	10.0
11	6.5	2.4	3.9	5.1	.5	2.3	8.5	5.9	7.4	10.5	9.7	10.1
12	5.6	.4	3.6	6.4	1.7	3.8	7.5	6.1	7.0	10.7	9.7	10.1
13	6.6	3.8	5.3	7.1	1.6	4.7	7.0	5.5	6.1	10.7	9.9	10.2
14	7.6	5.2	6.3	6.3	2.3	4.9	7.6	5.1	6.1	10.4	9.8	10.1
15	7.5	5.5	6.6	6.8	5.5	6.2	8.8	5.5	6.4	10.9	10.0	10.4
16	7.8	5.7	6.8	7.7	5.6	6.6	9.3	7.1	8.2	11.0	10.1	10.5
17	7.6	5.5	6.5	8.4	6.4	7.8	9.5	7.9	8.6	10.8	9.9	10.2
18	7.2	4.6	6.0	8.9	6.6	8.0	9.5	8.2	8.8	10.9	9.7	10.2
19	6.8	4.0	5.4	8.8	7.9	8.3	9.6	8.7	9.1	11.2	9.8	10.3
20	6.9	1.2	4.0	8.5	6.6	7.9	9.2	8.6	8.9	10.6	9.4	10.1
21	6.1	2.6	4.5	8.8	6.4	7.5	9.5	8.6	9.0	11.1	9.5	10.1
22	6.6	1.8	3.5	8.1	6.0	6.9	9.4	8.4	9.0	11.1	9.4	10.0
23	8.0	3.4	5.2	8.1	5.7	6.7	9.6	8.8	9.2	10.6	9.5	9.9
24	6.5	.7	3.3	7.9	6.2	6.9	9.5	9.1	9.4	9.9	9.1	9.5
25	5.6	.4	2.7	7.7	6.1	6.9	9.4	8.2	9.0	10.4	9.1	9.8
26	5.6	1.3	3.8	8.0	6.5	7.4	9.2	8.0	8.7	11.2	9.2	10.1
27	4.9	.3	3.2	8.4	6.8	7.5	9.2	8.2	8.6	10.9	9.8	10.2
28	4.6	.3	2.7	7.7	6.6	7.2	9.4	8.4	8.9	11.0	9.8	10.2
29	4.7	.3	1.9	7.8	6.6	7.1	9.4	8.7	9.2	11.3	9.7	10.2
30	4.4	.3	1.4	7.6	6.5	7.0	10.1	8.7	9.3	11.0	9.3	10.0
31	4.3	.9	2.5	---	---	---	11.2	8.5	9.5	10.2	9.4	9.9
MONTH	8.0	.1	3.6	8.9	.4	5.4	11.2	5.1	8.1	11.3	8.5	10.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	8.9	9.7	---	---	---	11.0	9.7	10.3	---	---	---
2	10.1	9.2	9.6	10.7	9.6	9.9	11.2	8.2	10.3	11.2	8.6	9.6
3	10.5	9.3	9.8	11.3	10.6	10.9	11.0	7.4	9.5	11.0	8.6	9.5
4	11.2	9.6	10.2	---	---	---	11.5	9.7	10.5	10.9	8.3	9.4
5	11.3	9.7	10.4	---	---	---	11.4	9.4	10.3	10.3	8.4	9.1
6	10.2	9.6	9.9	10.5	9.9	10.3	10.8	9.5	10.2	10.6	8.4	9.2
7	10.8	9.7	10.1	10.4	9.0	9.9	11.5	9.4	10.4	10.8	8.3	9.3
8	11.4	9.4	10.2	11.0	8.7	9.9	11.0	9.5	10.2	10.4	8.3	9.2
9	11.1	9.7	10.3	10.6	10.1	10.3	12.3	10.2	11.6	11.0	8.2	9.4
10	11.4	9.3	10.1	11.0	10.0	10.4	12.6	10.5	12.0	10.9	8.0	9.2
11	11.2	9.3	10.0	11.1	9.2	10.2	11.5	8.7	10.0	10.7	8.0	9.1
12	10.8	9.5	10.2	11.3	9.0	10.3	11.4	8.4	10.0	10.4	8.0	8.9
13	11.4	10.0	10.5	11.7	10.3	10.9	11.1	8.0	9.7	10.6	7.9	8.9
14	11.5	10.0	10.6	10.8	10.2	10.5	10.8	9.6	10.0	10.4	7.6	8.7
15	11.2	9.9	10.4	10.5	10.2	10.4	10.8	9.4	9.9	10.5	7.8	8.9
16	11.4	10.0	10.4	10.9	9.1	10.3	11.1	9.4	10.2	10.7	7.8	9.0
17	11.3	9.8	10.3	10.9	9.3	10.2	11.0	10.0	10.4	10.8	7.6	8.9
18	10.9	9.2	9.9	11.3	9.2	10.4	10.9	9.6	10.2	10.3	7.3	8.9
19	9.8	9.0	9.4	11.1	10.1	10.6	10.9	9.5	10.1	9.9	8.4	9.0
20	11.2	9.0	10.2	11.3	10.1	10.7	10.9	9.4	10.0	10.0	8.4	9.1
21	10.7	8.8	9.7	10.9	10.3	10.6	10.9	9.3	9.9	10.0	8.4	9.1
22	10.7	9.1	9.8	11.4	10.3	10.8	10.8	9.3	9.9	10.0	8.3	9.0
23	10.2	9.3	9.6	11.2	10.3	10.7	10.8	9.3	9.9	10.0	7.6	8.6
24	11.1	9.3	9.8	11.2	10.3	10.7	10.8	9.1	9.7	9.8	7.3	8.6
25	11.1	9.4	10.0	11.0	9.9	10.4	10.8	9.1	9.7	9.6	7.4	8.6
26	10.3	9.4	10.0	10.9	9.7	10.3	10.6	9.0	9.6	9.4	7.6	8.5
27	10.8	9.7	10.2	11.4	9.6	10.5	10.6	8.3	9.5	9.5	7.5	8.3
28	---	---	---	11.4	9.7	10.5	10.6	8.6	9.5	9.6	7.5	8.3
29	---	---	---	11.1	9.5	10.3	9.9	8.8	9.2	9.6	7.4	8.3
30	---	---	---	11.5	9.2	10.4	9.8	8.8	9.2	9.7	7.4	8.3
31	---	---	---	10.8	9.2	10.2	---	---	---	9.5	7.3	8.2
MONTH	11.5	8.8	10.0	11.7	8.7	10.4	12.6	7.4	10.1	11.2	7.3	8.9

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.3	7.1	8.1	9.3	6.4	7.5	10.1	4.2	7.8	10.3	6.3	7.9
2	9.4	7.0	8.0	9.4	6.3	7.6	11.1	5.6	8.4	10.1	3.1	6.0
3	9.6	7.0	8.0	9.5	6.3	7.6	10.6	7.0	8.0	8.5	3.5	6.0
4	9.5	7.0	7.8	9.8	6.4	7.8	10.3	6.7	8.2	7.8	3.3	5.1
5	9.6	7.0	7.7	9.8	5.5	6.8	10.8	6.3	8.2	9.1	6.0	7.4
6	9.3	6.9	7.9	9.2	5.4	7.1	10.9	6.4	8.3	10.7	5.7	8.2
7	9.2	6.9	7.8	10.2	7.2	8.6	10.8	6.4	8.3	10.9	7.3	8.6
8	9.3	6.8	7.9	10.5	7.4	8.7	10.8	6.3	8.2	10.5	7.3	8.6
9	10.6	6.8	8.1	10.5	7.3	8.7	11.1	6.6	8.3	10.5	7.2	8.4
10	9.5	6.9	8.0	10.5	7.4	8.7	10.7	6.4	8.1	10.8	7.4	8.6
11	9.4	6.8	7.8	8.8	6.1	7.4	10.9	6.5	8.3	10.6	7.4	8.5
12	9.2	6.7	7.8	8.5	5.7	7.0	10.9	7.3	8.8	10.4	7.4	8.3
13	9.4	6.6	7.8	8.5	6.6	7.6	10.9	7.4	8.8	10.4	5.5	8.2
14	9.6	6.6	7.7	10.1	6.9	8.5	10.5	6.4	8.1	9.2	4.6	7.2
15	9.1	6.5	7.4	9.0	6.2	7.3	10.9	6.1	8.1	8.6	5.6	7.1
16	8.9	6.5	7.3	9.4	6.1	8.2	10.4	6.2	8.0	10.0	6.8	8.0
17	8.5	6.4	7.3	9.4	5.7	7.4	10.9	6.5	8.3	10.2	7.1	8.2
18	9.1	6.4	7.6	9.6	5.8	7.9	9.8	4.5	7.4	10.3	7.2	8.3
19	9.2	6.4	7.5	10.2	5.7	8.7	10.0	5.9	7.8	10.3	7.0	8.1
20	8.3	6.4	7.1	9.5	5.7	7.9	10.5	6.7	8.5	8.8	7.1	7.7
21	8.6	6.4	7.4	9.8	5.5	8.0	9.9	6.7	8.4	9.7	6.9	7.9
22	9.0	6.4	7.5	9.3	5.1	7.5	10.1	6.2	8.1	10.1	7.0	8.2
23	9.2	6.4	7.5	9.3	4.9	6.6	9.5	5.9	7.2	10.0	7.3	8.2
24	9.2	6.3	7.4	10.4	5.1	7.9	7.9	4.6	6.5	9.9	7.3	8.3
25	9.0	6.3	7.3	11.0	5.2	8.5	10.3	7.1	8.3	10.0	7.2	8.2
26	8.7	6.3	7.1	10.2	4.8	8.5	10.4	3.7	7.3	10.1	7.2	8.2
27	8.4	6.3	7.2	9.8	4.6	7.2	11.2	6.8	8.9	8.2	4.2	6.7
28	8.8	5.9	7.2	9.3	4.8	7.2	10.2	6.5	8.0	5.8	1.8	4.1
29	8.6	6.1	7.1	9.6	4.6	7.5	9.9	6.5	7.8	10.3	2.0	7.1
30	9.0	6.4	7.4	9.8	4.5	7.0	10.1	6.3	7.9	9.1	4.5	7.3
31	---	---	---	9.5	4.7	7.9	10.4	6.0	7.9	---	---	---
MONTH	10.6	5.9	7.6	11.0	4.5	7.8	11.2	3.7	8.1	10.9	1.8	7.6
YEAR	12.6	.1	8.1									

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.--Lat 34°00'50'', long 81°05'17'', Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upstream from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,520 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Data collection platform. Datum of gage is 149.46 ft above sea level. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see sta 02168500).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2070	1880	1280	1780	2370	1420	934	885	540	471	3530	385
2	3870	4690	1460	1390	1450	1410	918	591	474	464	1800	1880
3	1190	3130	1520	1460	1370	1320	737	467	479	452	595	500
4	1980	2530	1010	3180	966	4660	975	441	578	443	968	1550
5	2690	2400	1480	3070	893	2320	819	432	852	963	602	365
6	2570	2430	1180	5590	3080	1800	808	472	561	1890	444	770
7	3030	3130	842	1290	2200	1130	806	465	492	586	443	597
8	3100	3070	940	1850	755	1030	1210	543	490	529	439	646
9	1820	2190	827	1390	828	1000	1730	557	816	488	436	818
10	2200	2430	838	2190	943	1450	1740	403	529	486	432	596
11	1950	2770	818	2590	1130	1880	710	398	489	966	484	589
12	2250	2450	1240	1870	1480	2760	469	395	485	689	648	571
13	1650	2480	2000	1250	1010	2860	594	530	483	819	647	590
14	2120	2280	2580	1610	979	1960	644	563	484	518	487	476
15	1930	869	6260	1050	1290	1510	624	534	554	1560	384	558
16	1420	1560	2280	848	1130	973	1610	474	694	2300	389	515
17	1880	1790	2140	810	862	747	771	460	807	3060	461	583
18	1350	1570	2320	879	880	1150	587	483	557	2830	833	579
19	1580	649	1670	705	1260	890	556	706	530	2650	583	536
20	1890	1470	2970	1040	995	852	553	705	514	3550	826	590
21	1240	1630	2770	665	650	950	548	703	508	2600	961	620
22	1180	1710	2850	543	2080	931	540	703	511	3630	613	589
23	1040	3660	1730	804	1930	1470	536	903	518	7510	634	547
24	2310	2680	1210	2750	2690	989	535	995	518	4500	506	603
25	2530	2360	1800	1830	2820	796	539	1010	887	2420	504	634
26	e1710	1500	2380	1560	1050	844	539	905	1870	4020	2170	633
27	e1820	1280	2620	856	890	816	690	554	755	5830	813	614
28	2310	1710	2090	855	927	790	695	554	786	4070	399	1070
29	2650	1630	1550	834	---	777	422	553	556	4440	400	1970
30	1720	1440	1870	814	---	769	1240	552	463	5030	387	792
31	2170	---	2960	778	---	803	---	553	---	2830	385	---
TOTAL	63220	65368	59485	48131	38908	43057	24079	18489	18780	72594	23203	21766
MEAN	2039	2179	1919	1553	1390	1389	803	596	626	2342	748	726
MAX	3870	4690	6260	5590	3080	4660	1740	1010	1870	7510	3530	1970
MIN	1040	649	818	543	650	747	422	395	463	443	384	365
CFSM	.81	.86	.76	.62	.55	.55	.32	.24	.25	.93	.30	.29
IN.	.93	.96	.88	.71	.57	.64	.36	.27	.28	1.07	.34	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 1999, BY WATER YEAR (WY)

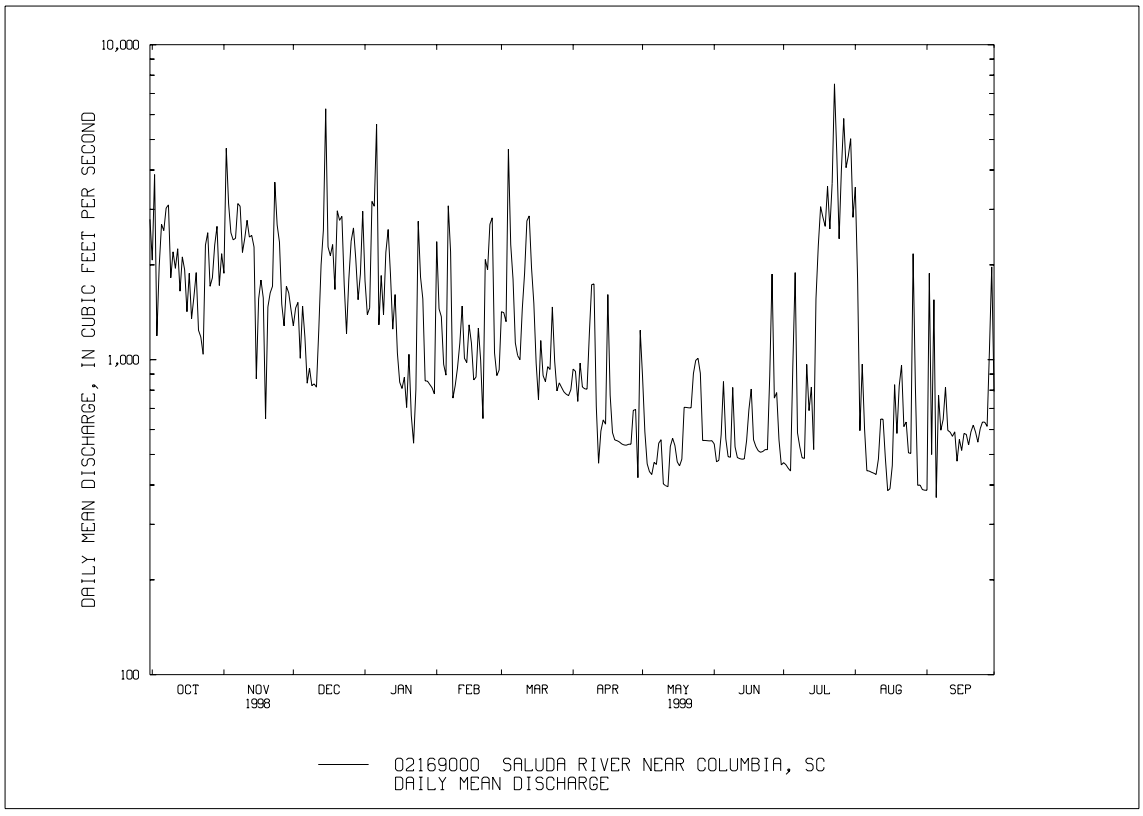
MEAN	2906	2568	2562	3067	3336	3356	3073	2275	2544	2676	3016	2937
MAX	20230	6552	7006	9255	8999	18450	20450	7823	8300	5276	14400	8937
(WY)	1930	1986	1977	1982	1998	1929	1936	1929	1965	1937	1928	1928
MIN	124	94.5	350	462	248	155	196	60.3	50.2	49.8	43.3	66.4
(WY)	1931	1931	1956	1989	1940	1938	1930	1930	1930	1930	1930	1930

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1925 - 1999	
ANNUAL TOTAL	1476197		497080			
ANNUAL MEAN	4044		1362		2860	
HIGHEST ANNUAL MEAN					5431	1936
LOWEST ANNUAL MEAN					815	1988
HIGHEST DAILY MEAN	18000	Feb 6	7510	Jul 23	62300	Oct 2 1929
LOWEST DAILY MEAN	366	Jul 2	365	Sep 5	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	605	Aug 4	462	May 6	21	Aug 28 1930
INSTANTANEOUS PEAK FLOW			16800	Jul 23	* 67000	Oct 2 1929
INSTANTANEOUS PEAK STAGE			7.71	Jul 23	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			226	Sep 30	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	1.60		.54		1.13	
ANNUAL RUNOFF (INCHES)	21.79		7.34		15.42	
10 PERCENT EXCEEDS	9440		2710		6290	
50 PERCENT EXCEEDS	2720		940		1990	
90 PERCENT EXCEEDS	971		484		409	

* From rating curve extended above 36,000 ft^3/s.

e Estimated



02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1984 to September 1986, July 1987 to current year.

DISSOLVED OXYGEN: July 1987 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.5°C, Jun. 15, 1989; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1994; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.0°C, Jul. 4, 5, 10; minimum, 10.0°C on several days January to March.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 14; minimum, 3.1 mg/L, Nov. 8.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.0	19.0	19.5	19.5	18.5	19.0	18.5	18.0	18.5	14.0	13.0	13.5
2	19.5	18.0	19.0	20.0	18.5	19.5	18.5	17.5	18.0	13.5	12.5	12.5
3	19.5	18.5	19.0	20.0	19.0	19.5	18.5	17.5	18.0	12.5	11.5	12.0
4	19.5	18.5	19.0	19.0	18.5	18.5	18.0	17.5	17.5	13.0	11.0	12.0
5	19.5	18.5	19.0	19.0	18.0	18.5	18.5	17.5	18.0	12.0	11.0	11.5
6	19.0	18.5	18.5	18.5	18.0	18.5	18.5	18.0	18.0	12.0	12.0	12.0
7	19.5	18.5	19.0	19.0	17.5	18.5	18.5	18.5	18.5	12.5	11.0	11.5
8	20.0	19.0	19.0	19.0	18.5	18.5	19.0	18.5	19.0	12.0	11.5	12.0
9	19.5	18.5	19.0	19.0	18.5	18.5	19.5	18.0	19.0	12.0	11.5	11.5
10	19.5	18.0	19.0	19.5	18.5	19.5	18.0	16.5	17.0	11.5	11.0	11.0
11	19.5	18.0	19.0	19.5	18.5	19.0	17.0	16.5	16.5	12.0	10.5	11.5
12	19.5	18.0	19.0	19.0	18.5	18.5	17.0	16.5	16.5	12.0	11.0	11.5
13	19.5	18.0	18.5	19.0	18.0	18.5	17.0	16.5	16.5	12.0	10.5	11.5
14	19.5	18.0	19.0	19.5	18.5	19.0	17.5	16.5	17.0	12.0	11.5	12.0
15	19.5	18.0	19.0	19.0	18.5	19.0	17.0	16.0	16.5	12.5	11.5	12.0
16	19.5	18.0	18.5	19.5	18.5	19.0	17.0	16.0	16.5	11.5	10.5	11.0
17	19.0	18.0	18.5	20.0	19.0	19.5	16.5	15.5	16.0	11.0	10.5	11.0
18	19.0	18.0	18.5	19.5	18.5	19.0	16.5	15.5	16.0	12.0	11.0	11.5
19	19.5	18.5	19.0	18.5	18.0	18.5	16.5	15.0	16.0	12.0	11.0	11.5
20	19.5	18.5	19.0	19.5	18.5	19.0	16.5	15.5	16.0	11.5	11.0	11.0
21	18.5	18.0	18.5	19.5	18.0	18.5	16.5	16.0	16.0	12.0	11.0	11.5
22	18.5	18.0	18.0	18.5	17.5	18.0	16.0	15.5	16.0	12.5	11.5	12.0
23	18.0	17.0	17.5	19.0	18.0	18.5	15.5	14.5	15.0	13.5	12.5	13.0
24	19.0	17.5	18.5	19.5	18.5	19.0	14.5	13.5	14.0	13.5	11.0	12.5
25	19.0	17.5	18.5	19.0	18.0	18.5	14.5	13.0	13.5	12.0	10.5	11.5
26	19.0	17.5	18.5	19.0	18.0	18.5	14.5	13.5	14.0	12.0	10.0	11.0
27	19.5	17.5	18.5	18.5	17.5	18.0	14.5	13.0	14.0	12.0	11.0	11.5
28	19.0	18.0	18.5	18.5	17.0	18.0	14.0	13.5	14.0	12.5	11.5	12.0
29	19.5	18.0	19.0	18.5	17.0	17.5	14.0	13.5	14.0	12.5	12.0	12.0
30	19.5	18.0	19.0	18.5	17.0	18.0	13.5	13.0	13.5	12.5	11.5	12.0
31	19.5	18.5	19.0	---	---	---	14.0	13.0	13.5	11.5	10.0	11.0
MONTH	20.0	17.0	18.8	20.0	17.0	18.7	19.5	13.0	16.2	14.0	10.0	11.7

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	10.0	10.0	12.5	11.5	12.0	14.0	12.5	13.0	14.0	13.0	13.0
2	11.5	10.5	11.0	12.5	11.0	12.0	15.0	14.0	14.5	16.5	13.5	15.0
3	12.0	11.0	11.5	12.5	11.0	12.0	15.5	14.0	15.0	18.0	15.5	16.5
4	12.5	11.5	12.0	12.0	10.5	11.5	16.0	15.0	15.0	18.5	16.5	17.5
5	12.5	11.5	12.0	12.0	10.5	11.5	16.0	14.5	15.0	18.5	17.5	18.0
6	12.0	10.5	11.5	12.5	11.0	11.5	15.5	13.5	14.5	18.0	17.5	18.0
7	12.5	11.5	12.0	12.5	11.5	12.0	15.0	13.0	14.0	19.0	17.5	18.0
8	13.5	12.5	13.0	12.0	11.0	11.5	15.5	13.0	15.5	20.0	18.0	19.0
9	13.5	12.5	13.0	11.5	10.0	10.5	14.5	12.0	13.0	19.0	17.5	18.0
10	13.0	12.5	12.5	12.0	10.5	11.0	14.5	12.0	13.5	20.0	17.0	18.5
11	13.5	12.5	13.0	12.0	10.5	11.5	16.0	12.5	14.0	20.0	19.0	20.0
12	13.0	11.5	12.0	12.0	11.0	11.5	17.5	15.5	16.5	20.0	19.0	19.5
13	12.0	11.0	11.5	11.0	10.5	11.0	17.0	15.5	16.0	19.0	18.0	18.5
14	11.0	10.0	10.5	11.0	10.5	10.5	15.5	13.5	14.5	19.0	17.5	18.0
15	11.5	10.0	11.0	11.0	10.5	11.0	15.0	13.5	14.0	18.0	16.5	17.0
16	12.0	10.5	11.5	12.0	10.5	11.5	14.5	12.0	13.0	19.0	16.5	17.5
17	12.5	12.0	12.0	13.5	12.0	12.5	13.5	12.0	12.5	20.0	17.5	18.5
18	13.5	12.5	13.0	14.0	13.0	13.5	14.5	13.0	13.5	20.0	18.0	19.0
19	13.0	11.5	12.5	13.0	11.5	12.5	15.5	13.5	14.5	19.5	17.0	18.0
20	12.0	11.0	11.5	13.0	13.0	13.0	16.5	14.0	15.5	18.0	16.5	17.0
21	12.5	11.5	12.0	13.0	12.5	13.0	17.5	15.5	16.0	18.0	16.5	17.0
22	12.0	10.5	11.5	13.5	12.5	13.0	18.0	15.5	16.5	18.0	17.0	17.5
23	11.0	10.5	11.0	13.0	11.5	12.5	18.0	16.0	17.0	18.0	17.0	17.5
24	11.5	10.0	11.0	13.5	12.0	13.0	18.5	17.0	18.0	18.0	16.0	17.0
25	12.0	10.5	11.5	14.5	13.0	14.0	17.5	16.5	17.0	17.5	14.5	16.0
26	12.0	11.0	11.5	13.0	11.5	12.5	16.5	15.5	16.0	17.5	14.5	15.5
27	12.5	11.5	12.0	13.0	11.0	12.0	17.5	15.5	16.5	19.0	16.5	18.0
28	13.0	12.5	12.5	13.0	12.5	13.0	17.5	16.0	16.5	19.5	17.5	18.5
29	---	---	---	13.0	12.5	13.0	16.0	14.5	15.5	19.5	17.5	18.5
30	---	---	---	13.5	12.0	13.0	14.5	12.5	13.5	20.0	18.0	19.0
31	---	---	---	13.5	12.5	13.0	---	---	---	20.0	18.0	19.0
MONTH	13.5	10.0	11.8	14.5	10.0	12.1	18.5	12.0	15.0	20.0	13.0	17.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.0	17.5	18.5	22.5	20.5	21.5	18.0	15.0	16.0	21.5	20.0	20.5
2	19.5	18.0	18.5	23.0	21.5	22.0	18.0	15.5	16.5	22.0	16.5	19.5
3	21.0	18.5	19.5	23.5	21.5	22.5	21.5	18.0	19.5	19.0	16.5	17.5
4	21.5	19.5	20.5	24.0	22.0	23.0	20.0	18.5	20.0	20.5	17.0	18.5
5	20.5	16.5	19.0	24.0	16.5	22.0	19.0	16.5	17.5	19.0	17.0	17.5
6	19.0	16.0	17.5	16.5	16.0	16.0	22.0	19.0	20.5	21.5	19.0	20.0
7	21.0	18.0	19.5	20.0	16.5	18.0	23.0	21.0	22.0	19.5	18.5	19.0
8	21.5	19.5	20.5	22.0	20.0	20.5	23.5	21.0	22.0	20.5	19.5	20.0
9	21.5	19.0	20.0	23.0	20.5	21.5	23.5	21.5	22.5	19.5	18.5	19.0
10	20.0	18.0	19.0	24.0	21.5	22.5	23.5	22.0	22.5	20.0	19.0	19.5
11	21.0	19.5	20.0	23.5	21.0	22.0	23.0	21.5	22.0	20.5	19.0	19.5
12	21.5	19.5	20.5	22.0	20.5	22.0	22.5	20.0	21.0	20.0	18.5	19.5
13	21.0	19.5	20.0	20.5	19.0	19.5	21.0	20.0	20.5	20.0	18.5	19.0
14	21.5	19.5	20.5	19.5	18.5	19.0	21.5	20.0	20.5	21.0	18.5	19.5
15	20.5	19.5	20.0	21.5	16.0	19.0	22.5	20.5	21.0	20.5	19.0	19.5
16	20.0	19.0	19.5	17.0	15.5	16.0	23.0	21.5	22.0	20.5	18.5	19.5
17	22.0	19.5	21.0	16.5	15.0	15.5	23.0	21.5	22.5	20.0	19.0	19.5
18	21.0	19.5	20.5	16.5	15.0	15.5	22.5	20.0	20.5	19.5	18.0	19.0
19	20.5	19.0	20.0	18.5	15.5	16.5	20.5	18.5	19.5	20.0	18.0	19.0
20	19.5	18.0	18.5	18.0	15.5	16.5	20.5	18.5	19.5	19.5	18.5	19.0
21	18.0	17.0	17.5	18.5	15.5	16.5	19.5	17.5	18.5	19.5	18.0	18.5
22	18.5	17.0	18.0	17.0	15.5	16.0	19.0	17.5	18.5	19.0	18.0	18.5
23	19.0	17.5	18.0	16.5	16.0	16.0	20.5	19.0	20.0	18.5	17.0	18.0
24	19.5	18.0	18.5	19.0	16.0	17.5	20.0	19.0	19.5	18.5	17.0	18.0
25	21.0	18.0	19.0	---	---	---	21.0	19.0	20.0	19.0	17.5	18.0
26	23.0	21.0	22.5	---	---	---	22.5	16.0	20.0	19.0	18.0	18.5
27	22.0	21.0	21.5	17.0	15.5	16.0	19.5	16.0	17.5	19.0	18.5	19.0
28	22.0	20.5	21.0	16.5	15.5	15.5	22.5	19.5	21.0	20.5	16.5	19.0
29	21.0	19.0	20.0	17.0	15.5	16.0	22.5	21.5	22.0	18.5	16.0	17.0
30	22.0	20.0	21.0	17.0	15.5	16.0	22.5	21.0	22.0	18.5	16.5	17.5
31	---	---	---	18.0	15.0	16.0	22.0	20.5	21.0	---	---	---
MONTH	23.0	16.0	19.7	24.0	15.0	18.5	23.5	15.0	20.3	22.0	16.0	18.9
YEAR	24.0	10.0	16.6									

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.9	5.1	6.5	6.5	4.3	5.8	8.6	7.6	8.1	9.8	8.9	9.2
2	6.6	3.6	5.1	5.8	3.8	4.4	8.9	7.9	8.2	9.3	8.9	9.1
3	8.6	4.7	6.6	5.9	3.7	4.5	8.7	7.5	8.1	9.5	8.9	9.3
4	7.3	5.5	6.2	6.8	3.7	5.0	8.6	7.4	7.9	9.7	9.1	9.2
5	7.0	5.0	6.2	7.4	4.6	6.0	8.3	7.5	7.9	10.5	9.5	10.1
6	8.2	5.1	6.4	6.7	4.3	5.5	8.2	7.5	8.0	9.8	9.1	9.3
7	7.5	4.9	6.3	7.2	3.6	5.6	8.6	7.9	8.1	10.1	9.1	9.5
8	7.1	5.0	5.9	6.8	3.1	4.6	8.5	7.8	8.1	9.9	9.4	9.6
9	8.3	5.3	6.9	6.8	4.8	5.6	8.5	7.7	8.0	10.0	9.5	9.7
10	8.2	5.7	7.4	6.6	4.0	4.9	8.8	7.9	8.4	10.1	9.5	9.9
11	7.5	5.7	6.6	6.6	3.6	4.8	8.8	7.9	8.3	10.3	9.7	10.0
12	7.7	5.8	7.1	6.7	4.7	6.0	8.3	7.3	7.9	10.2	9.7	10.0
13	9.0	5.3	6.9	6.5	4.2	5.2	7.9	7.2	7.6	10.5	9.8	10.1
14	8.3	7.0	7.4	6.4	4.6	5.5	7.7	6.9	7.2	10.3	9.6	9.9
15	8.9	7.6	8.0	7.0	4.8	6.1	7.5	6.7	7.0	10.0	9.4	9.7
16	9.3	7.5	8.1	7.4	6.5	6.9	8.7	7.5	8.0	10.5	9.9	10.1
17	8.4	6.6	7.3	8.1	6.6	7.3	8.8	8.0	8.5	10.5	9.9	10.1
18	8.9	6.8	7.8	8.2	7.2	7.7	8.9	8.4	8.6	10.0	9.5	9.7
19	8.1	6.6	7.2	8.2	7.1	7.6	9.1	8.5	8.7	10.4	9.5	9.9
20	7.4	5.8	6.7	8.2	7.5	7.9	8.8	8.6	8.7	10.5	10.0	10.2
21	6.7	5.8	6.4	8.5	7.6	7.9	8.9	8.5	8.7	10.4	9.7	10.0
22	8.1	5.8	6.8	8.1	7.4	7.7	8.7	8.5	8.6	10.4	9.7	10.0
23	8.5	6.0	7.3	8.2	7.0	7.6	9.1	8.6	8.8	10.0	9.3	9.7
24	7.7	4.5	5.7	8.3	7.3	8.0	9.1	8.8	9.0	9.7	9.2	9.4
25	6.6	4.3	5.5	8.0	7.4	7.6	9.4	9.0	9.2	10.3	9.4	9.9
26	7.6	5.2	6.3	8.2	7.7	8.0	9.2	8.6	8.9	10.7	9.7	10.2
27	7.4	5.2	6.3	8.7	8.1	8.3	9.0	8.7	8.8	11.0	10.0	10.4
28	6.6	4.3	5.6	8.7	7.8	8.2	9.2	8.7	9.0	11.0	9.9	10.4
29	6.0	4.0	5.1	8.8	7.8	8.1	9.2	8.7	9.0	11.2	9.9	10.5
30	5.7	4.1	4.9	8.5	7.7	8.0	9.4	8.8	9.1	10.5	9.7	10.2
31	6.4	4.7	5.2	---	---	---	9.7	9.0	9.2	10.7	9.8	10.2
MONTH	9.3	3.6	6.5	8.8	3.1	6.5	9.7	6.7	8.4	11.2	8.9	9.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.3	9.9	10.1	10.5	8.7	9.5	10.1	8.8	9.3	9.1	8.7	8.9
2	10.2	9.5	9.9	10.3	8.6	9.5	10.5	8.4	9.3	9.5	8.6	8.9
3	10.8	9.3	10.0	9.9	8.7	9.3	10.7	8.7	9.6	9.3	8.1	8.7
4	11.1	9.7	10.3	9.9	8.9	9.4	10.6	8.6	9.5	9.3	7.9	8.6
5	11.6	10.0	10.7	10.4	9.5	10.0	10.9	8.6	9.6	9.1	7.5	8.2
6	10.9	9.6	10.1	9.8	8.9	9.4	10.3	8.6	9.4	8.6	7.4	7.9
7	10.1	9.4	9.7	9.9	8.6	9.3	11.0	9.0	9.9	9.0	7.5	8.1
8	10.7	9.4	9.9	10.2	8.8	9.4	10.9	8.7	9.7	9.5	7.6	8.4
9	11.0	9.7	10.2	9.3	8.6	8.9	11.0	9.3	10.1	9.9	8.5	9.1
10	11.1	9.8	10.4	9.9	8.5	9.1	11.2	9.7	10.5	10.0	8.5	9.3
11	11.4	9.7	10.4	9.7	8.6	9.2	10.7	9.4	10.1	9.9	7.8	8.9
12	10.9	9.3	10.1	9.9	8.6	9.2	9.9	8.6	9.3	9.7	7.7	8.7
13	11.8	9.8	10.7	9.8	9.0	9.3	10.1	8.3	9.1	10.0	7.9	8.9
14	12.1	10.2	11.1	9.4	8.4	8.7	10.3	9.2	9.7	9.8	8.3	9.1
15	12.0	9.9	11.0	9.1	8.2	8.6	10.0	9.2	9.6	9.9	8.5	9.2
16	12.0	9.7	10.9	9.3	8.4	8.9	10.5	9.2	10.0	10.4	8.8	9.6
17	11.9	10.0	10.9	---	---	---	10.4	9.4	9.9	10.2	8.5	9.3
18	11.3	9.5	10.4	---	---	---	10.5	9.7	10.0	10.1	8.1	8.9
19	10.4	9.5	9.8	---	---	---	10.3	9.5	9.8	10.1	8.2	9.0
20	11.6	9.3	10.3	---	---	---	10.1	9.2	9.6	10.4	8.4	9.3
21	11.6	10.2	10.9	---	---	---	10.0	9.0	9.4	10.4	8.5	9.4
22	11.2	9.7	10.6	---	---	---	10.0	8.8	9.4	10.4	8.4	9.4
23	11.5	10.2	10.8	---	---	---	10.0	8.7	9.4	10.6	8.4	9.2
24	11.7	10.3	11.0	---	---	---	9.7	8.6	9.1	9.8	7.5	8.6
25	11.7	10.3	11.0	---	---	---	9.7	8.7	9.1	10.1	7.5	8.6
26	11.6	9.6	10.6	---	---	---	9.8	8.8	9.4	9.3	7.4	8.3
27	10.5	8.9	9.6	---	---	---	9.8	8.5	9.2	9.7	7.8	8.7
28	9.9	8.8	9.3	---	---	---	8.5	7.3	7.9	9.7	7.7	8.6
29	---	---	---	---	---	---	7.9	6.9	7.3	9.9	7.7	8.9
30	---	---	---	---	---	---	9.4	7.9	8.8	9.9	8.0	8.9
31	---	---	---	---	---	---	---	---	---	9.6	8.0	8.8
MONTH	12.1	8.8	10.4	10.5	8.2	9.2	11.2	6.9	9.4	10.6	7.4	8.9

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.6	7.9	8.8	8.2	6.3	7.1	7.5	4.2	5.6	9.3	7.7	8.4
2	9.7	7.8	8.7	8.3	6.4	7.3	7.0	4.5	5.9	10.1	5.1	7.8
3	9.7	7.8	8.7	8.6	6.6	7.5	---	---	---	8.0	5.4	6.7
4	9.4	7.6	8.5	8.7	6.9	7.7	---	---	---	7.9	5.7	6.8
5	9.6	7.5	8.3	8.8	6.9	7.7	---	---	---	7.8	5.7	6.5
6	9.2	6.9	8.0	7.6	6.7	7.1	10.8	8.6	9.9	9.3	7.2	8.1
7	9.5	7.5	8.4	9.4	7.6	8.4	10.7	8.3	9.5	9.5	7.1	8.4
8	9.5	7.5	8.5	9.0	7.6	8.3	10.6	8.2	9.4	9.8	8.1	8.9
9	9.6	7.7	8.5	8.8	7.2	8.0	10.5	8.1	9.3	10.2	7.8	9.0
10	9.6	7.2	8.4	8.7	7.2	7.9	10.0	8.0	9.0	10.0	8.1	9.1
11	9.2	7.8	8.5	8.2	6.3	7.3	10.5	8.2	9.2	10.0	8.2	9.2
12	9.4	7.7	8.4	6.3	5.0	5.5	11.0	8.3	9.5	10.2	8.5	9.4
13	9.5	8.0	8.8	7.0	5.9	6.5	11.1	8.8	9.8	10.2	8.5	9.4
14	9.3	8.3	8.8	7.2	6.5	6.8	10.3	8.8	9.4	10.2	8.9	9.5
15	8.7	7.3	8.0	7.8	6.3	6.9	9.7	8.1	8.9	9.2	7.2	7.8
16	7.9	6.8	7.2	8.0	6.1	6.9	9.6	7.9	8.8	8.8	6.7	7.6
17	7.3	5.4	5.9	7.8	6.3	7.1	9.5	7.7	8.5	9.5	7.5	8.4
18	8.2	5.6	6.9	8.1	6.4	7.1	9.9	7.9	8.9	9.8	8.4	9.0
19	8.6	7.0	7.8	8.4	6.2	7.0	9.5	7.5	8.4	9.7	8.4	9.1
20	8.2	7.2	7.6	8.1	6.0	6.7	9.5	7.6	8.6	9.1	8.0	8.5
21	8.7	7.2	7.8	8.3	6.3	7.3	9.8	7.7	8.8	8.6	7.4	7.9
22	9.1	7.8	8.4	8.3	5.8	6.9	9.8	7.9	8.9	9.2	7.9	8.5
23	9.5	8.0	8.6	7.5	5.0	6.2	9.7	8.1	8.6	9.6	8.4	9.0
24	9.4	8.3	8.9	8.3	5.5	7.0	8.7	7.9	8.2	9.7	8.5	9.1
25	8.8	7.2	8.2	7.8	6.1	6.8	9.0	7.1	8.1	9.5	8.5	9.0
26	7.2	5.7	6.1	8.7	5.7	6.8	8.6	5.5	7.2	9.7	8.4	9.0
27	7.1	5.8	6.6	8.5	5.1	7.2	8.2	5.8	6.9	9.1	7.4	8.1
28	7.4	6.7	7.0	8.1	5.5	6.6	8.8	7.3	8.0	7.4	4.2	6.6
29	7.5	6.9	7.2	8.3	4.9	6.9	8.5	6.8	7.6	7.8	4.2	5.8
30	7.4	6.1	6.6	7.5	4.6	5.8	8.6	6.7	7.6	7.9	4.2	6.2
31	---	---	---	7.1	4.5	5.6	8.9	7.2	8.0	---	---	---
MONTH	9.7	5.4	7.9	9.4	4.5	7.0	11.1	4.2	8.4	10.2	4.2	8.2
YEAR	12.1	3.1	8.4									

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see sta 02168500) on the Saluda River and to some extent, at low and medium flow, by powerplants on the Broad River. City of Columbia diverted about 85 ft^3/s above station for municipal supply.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since October 1891, about 364,000 ft^3/s, Aug. 27, 1908, from rating curve extended logarithmically above 150,000 ft^3/s; gage height, 39.8 ft, present datum, based on floodmarks from records of the U.S. Weather Bureau at site 1,000 ft upstream and at datum 4.0 ft higher.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3750	3740	4870	6610	9970	6290	4170	12200	2200	3450	5890	1480
2	6860	6320	3990	6130	14800	6660	5950	13100	2460	2950	3060	2540
3	4580	7720	4320	5560	21600	5410	5930	8800	2210	2870	1520	1870
4	4600	5360	3710	12200	17200	8100	7910	8330	2200	e1840	1790	1880
5	4950	4220	3330	15500	10500	7620	10100	e4490	1980	e2580	1680	1130
6	5970	3410	3090	17000	10000	6930	6180	e4870	2800	e3970	1340	1360
7	7690	4180	2770	5800	8350	6310	5410	5240	2740	1580	867	1120
8	8590	5720	2870	5820	6380	5070	5630	5910	e2720	2740	1380	1320
9	7300	5860	2730	6350	6270	5740	5880	e4480	e3170	4990	916	1660
10	7170	4030	2820	7090	6080	5130	6860	e4280	e2280	5250	1420	1310
11	6930	4880	3370	7600	6330	5440	6090	e4920	e1720	5910	1430	1190
12	7190	5290	5050	7000	6930	7390	4660	e3970	e1620	3740	1250	1430
13	7330	5620	5410	6290	6330	7960	4480	e4360	e1980	1880	1080	1370
14	5960	e5040	7070	4960	4660	6820	4600	3890	e3110	3370	1110	1270
15	2800	e3820	8500	4860	4930	6060	3550	2580	e3680	3940	1400	1470
16	2540	e4890	8520	6080	5680	6840	5590	2670	e2970	e5430	1260	1400
17	2980	5450	6620	5790	5410	6360	4200	5320	3130	e4890	1240	1230
18	2140	e4710	7080	6650	6270	6660	4230	4080	2450	4550	1610	1430
19	5650	4620	6550	7880	6710	6350	4290	3280	4330	4640	1430	1110
20	e6350	5800	6040	8620	6670	5930	3570	2890	3370	6100	1690	1220
21	e3220	6300	4680	6430	8880	5400	3320	5020	3020	4730	1390	1260
22	2220	6210	4880	7740	14100	4740	3600	3630	2250	e5290	1180	1440
23	3190	5560	4230	6460	7370	5580	3930	3320	2110	e8480	1020	729
24	4760	4620	4360	16700	7640	5860	3170	3730	1570	5690	990	1490
25	4850	e4490	6670	23600	8140	5520	3230	4080	2410	e4170	1270	1320
26	e3910	e3600	10400	17500	6380	5990	3070	e3170	9800	e5670	3090	1270
27	e3560	3130	16700	9580	6060	8370	3650	e2830	6640	8600	5350	1640
28	e3470	3560	7380	6580	5950	5430	4410	e3310	5670	5800	3760	3460
29	e4370	3620	5220	6560	---	5400	4580	e2530	3630	e6090	2260	4680
30	3800	5490	5310	6620	---	5820	9260	e3090	4440	e7380	1310	3190
31	4200	---	8000	6890	---	5250	---	3060	---	e4500	1820	---
TOTAL	152880	147260	176540	268450	235590	192430	151500	147430	94660	143070	56803	49269
MEAN	4932	4909	5695	8660	8414	6207	5050	4756	3155	4615	1832	1642
MAX	8590	7720	16700	23600	21600	8370	10100	13100	9800	8600	5890	4680
MIN	2140	3130	2730	4860	4660	4740	3070	2530	1570	1580	867	729
CFSM	.63	.63	.73	1.10	1.07	.79	.64	.61	.40	.59	.23	.21
IN.	.72	.70	.84	1.27	1.12	.91	.72	.70	.45	.68	.27	.23

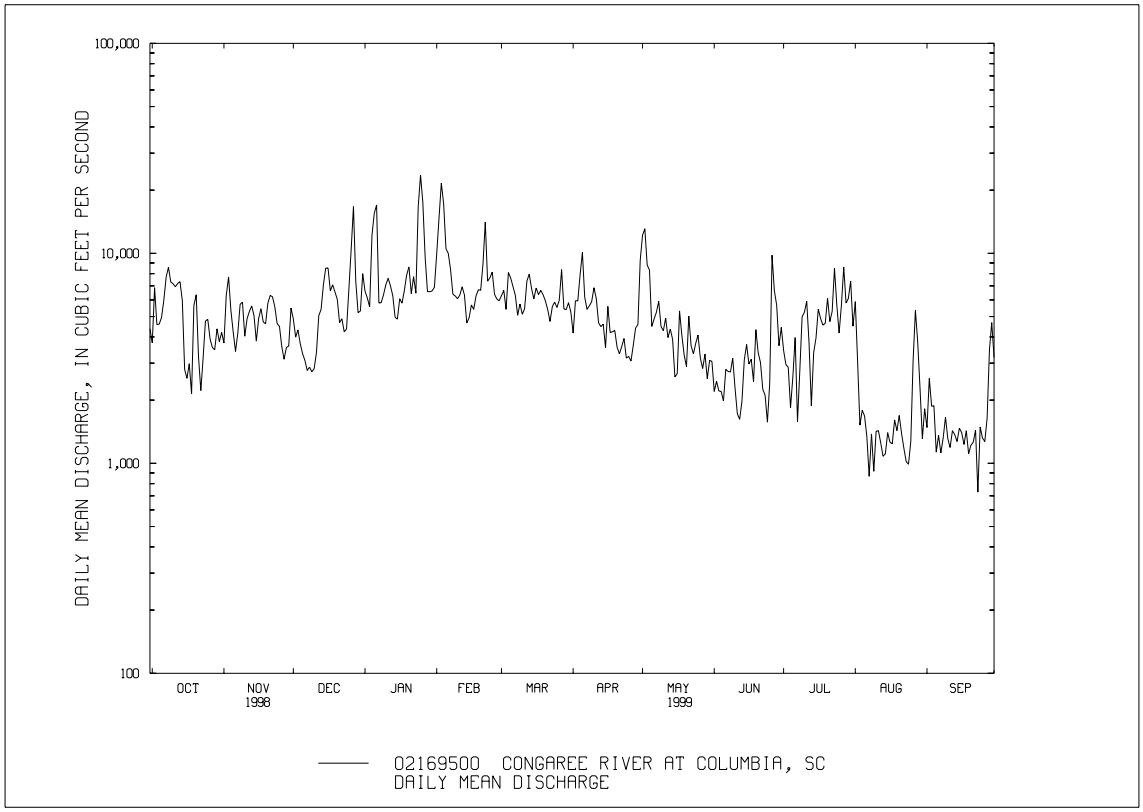
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1999, BY WATER YEAR (WY)

MEAN	7354	7287	8894	12120	13420	14480	11650	8051	7167	6718	7203	6320
MAX	33460	18960	21660	28430	34910	30700	27670	18080	18730	16730	18650	19250
(WY)	1965	1993	1977	1993	1960	1975	1964	1984	1973	1941	1949	1945
MIN	1962	2461	1945	2967	4290	4074	3938	3285	2225	2002	1832	1642
(WY)	1955	1955	1956	1956	1941	1955	1967	1988	1988	1986	1999	1999

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1940 - 1999	
ANNUAL TOTAL	4264410		1815882			
ANNUAL MEAN	11680		4975		9202	
HIGHEST ANNUAL MEAN					15130	1965
LOWEST ANNUAL MEAN					4178	1988
HIGHEST DAILY MEAN	90600	Feb 5	23600	Jan 25	150000	Oct 11 1976
LOWEST DAILY MEAN	1360	Sep 16	729	Sep 23	662	Oct 18 1954
ANNUAL SEVEN-DAY MINIMUM	2500	Aug 3	1190	Aug 7	964	Oct 15 1954
INSTANTANEOUS PEAK FLOW			27000	Jan 6	155000	Oct 11 1976
INSTANTANEOUS PEAK STAGE			10.51	Jan 6	29.74	Oct 11 1976
INSTANTANEOUS LOW FLOW			380	Sep 4	380	Sep 4 1999
ANNUAL RUNOFF (CFSM)	1.49		.63		1.17	
ANNUAL RUNOFF (INCHES)	20.21		8.61		15.93	
10 PERCENT EXCEEDS	26200		7930		16500	
50 PERCENT EXCEEDS	6860		4680		6760	
90 PERCENT EXCEEDS	3170		1430		3130	

e Estimated



02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22'', long 80°58'28'', Richland County, Hydrologic Unit 03050110, at left bank, downstream side of bridge on U.S. Highways 378 and 76 (Devine Street) at Columbia, 0.75 mi downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 mi^2.

PERIOD OF RECORD.--Water years 1964-66 (annual maximum), October 1966 to current year.

GAGE.--Data collection platform. Datum of gage is 137.38 ft above sea level. Apr. 1, 1964 to Aug. 6, 1966, crest-stage at same site and datum.

REMARKS.--Records good. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	26	32	34	169	47	77	553	13	69	13	12
2	34	27	31	39	141	45	82	349	13	50	12	11
3	32	29	30	175	110	42	68	197	15	40	10	10
4	32	29	30	131	98	40	57	79	14	33	9.2	9.3
5	31	28	30	108	96	35	50	82	12	40	8.9	9.9
6	30	27	30	93	95	20	44	118	11	38	8.9	15
7	30	27	30	82	71	17	41	141	11	27	8.6	12
8	36	30	31	74	64	14	38	108	11	25	8.6	10
9	35	32	31	54	62	22	36	83	10	27	8.4	9.8
10	36	32	29	42	59	37	34	60	9.9	25	8.2	9.1
11	35	33	28	44	55	42	32	46	10	90	8.2	8.1
12	33	32	28	63	61	42	29	39	9.9	198	8.0	7.5
13	31	32	34	56	58	42	26	60	9.5	100	7.8	6.9
14	30	33	40	64	52	127	24	87	9.6	92	12	9.3
15	28	62	73	151	51	130	43	52	11	67	11	79
16	27	63	228	74	48	103	47	43	28	52	36	59
17	26	62	138	86	47	82	32	36	57	40	29	23
18	25	56	87	132	55	65	29	31	44	33	14	17
19	25	51	60	96	78	55	26	29	40	29	11	15
20	26	46	47	80	69	48	24	25	33	27	9.6	28
21	25	42	40	64	63	85	22	23	28	23	9.5	44
22	24	38	40	55	54	89	21	31	24	20	8.1	22
23	22	36	36	165	50	74	20	25	21	19	7.2	8.2
24	23	36	56	360	50	62	20	22	19	32	7.1	6.7
25	24	35	117	241	49	67	18	18	165	45	7.1	7.5
26	24	36	99	196	48	89	18	17	652	28	97	13
27	24	34	73	167	47	79	61	16	261	22	47	67
28	25	33	56	126	48	70	144	15	206	19	30	197
29	25	32	47	95	---	59	104	14	139	17	24	253
30	25	32	41	79	---	51	489	14	100	15	18	148
31	26	---	36	74	---	46	---	13	---	14	14	---
TOTAL	886	1111	1708	3300	1948	1826	1756	2426	1986.9	1356	511.4	1127.3
MEAN	28.6	37.0	55.1	106	69.6	58.9	58.5	78.3	66.2	43.7	16.5	37.6
MAX	37	63	228	360	169	130	489	553	652	198	97	253
MIN	22	26	28	34	47	14	18	13	9.5	14	7.1	6.7
CFSM	.48	.62	.92	1.79	1.17	.99	.98	1.31	1.11	.73	.28	.63
IN.	.55	.69	1.07	2.06	1.22	1.14	1.10	1.51	1.24	.85	.32	.70

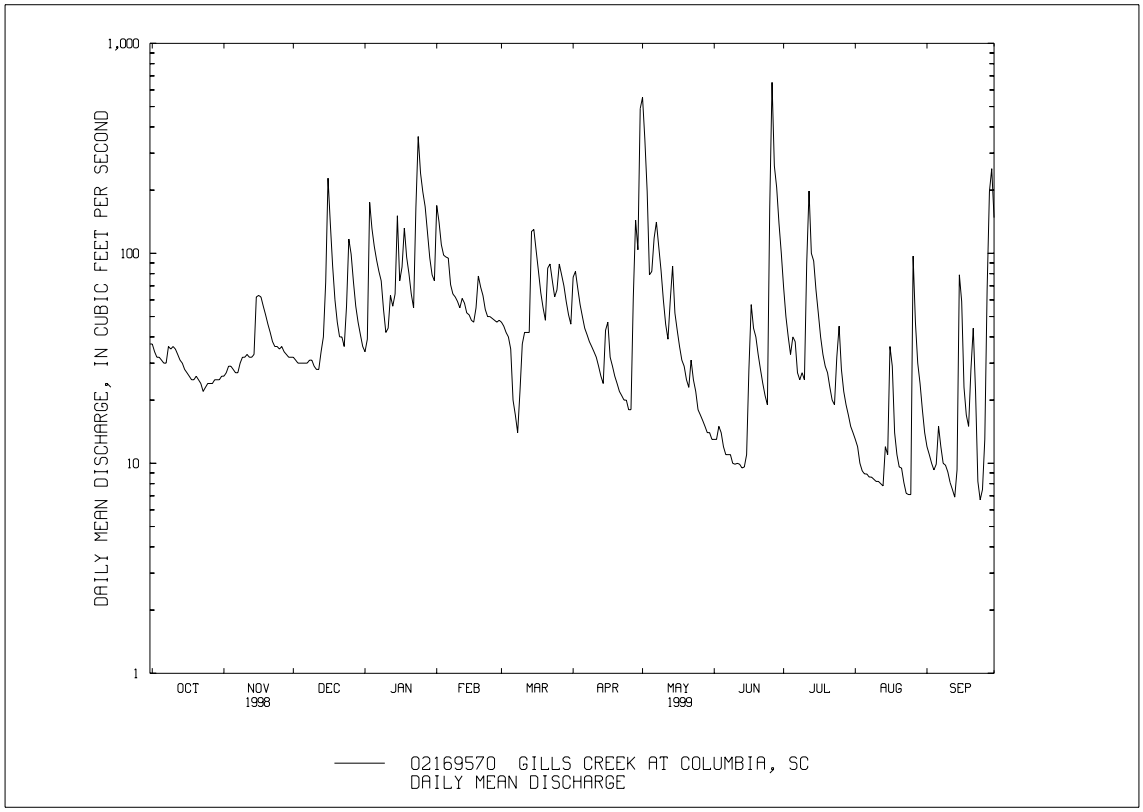
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1999, BY WATER YEAR (WY)

MEAN	53.8	62.3	80.1	121	111	113	80.9	57.3	61.6	65.6	66.9	52.7
MAX	241	142	200	312	228	244	192	182	196	174	261	141
(WY)	1991	1987	1977	1993	1979	1971	1983	1991	1995	1975	1986	1987
MIN	10.9	15.8	33.2	42.1	37.6	22.7	12.9	6.06	13.0	15.7	3.89	12.5
(WY)	1979	1979	1989	1981	1986	1985	1986	1986	1986	1980	1983	1984

02169570 GILLS CREEK AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1967 - 1999	
ANNUAL TOTAL	36190.6		19942.6			
ANNUAL MEAN	99.2		54.6		77.1	
HIGHEST ANNUAL MEAN					130	1991
LOWEST ANNUAL MEAN					44.7	1985
HIGHEST DAILY MEAN	907	Sep 4	652	Jun 26	1730	Aug 20 1986
LOWEST DAILY MEAN	8.9	Jul 14	6.7	Sep 24	1.6	Aug 1 1983
ANNUAL SEVEN-DAY MINIMUM	9.9	Jul 9	8.3	Aug 7	1.9	Jul 30 1983
INSTANTANEOUS PEAK FLOW			1160	Jun 26	2480	Jul 24 1997
INSTANTANEOUS PEAK STAGE			6.99	Jun 26	9.43	Jul 24 1997
INSTANTANEOUS LOW FLOW			6.5 *	Sep 13	6.5	Sep 13 1999
ANNUAL RUNOFF (CFSM)	1.66		.92		1.29	
ANNUAL RUNOFF (INCHES)	22.59		12.45		17.57	
10 PERCENT EXCEEDS	235		106		155	
50 PERCENT EXCEEDS	47		35		49	
90 PERCENT EXCEEDS	20		11		16	

* Also occurred Sept. 14, 24.



02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC

LOCATION.--Lat 33°48'38'', long 80°52'02'', Richland County, Hydrologic Unit 03050110, on left bank at the southwest boundary of the Congaree Swamp National Monument, and at mile 150.7.

DRAINAGE AREA.--8,290 mi^2, approximately.

PERIOD OF RECORD.--October 1986 to September 1987, October 1994 to current year. Daily mean discharges were published for the following periods: April 1981 to September 1986, May 1993 to September 1994.

GAGE.--Data collection platform. Datum of gage is 90.84 ft above sea level.

REMARKS.--Flow regulated by Lake Murray (see sta 02168500) on the Saluda River, and to some extent, at low and medium flow, by powerplants on the Broad River.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.41 ft, Jan. 18, 1995, (from floodmarks); minimum gage height, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.68 ft, Jan. 26; minimum gage height, 0.60 ft, Sep. 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.28	4.19	5.79	7.45	7.45	6.23	4.89	11.17	2.91	4.84	4.79	1.94
2	5.05	4.42	4.62	6.64	12.13	6.74	5.44	11.70	2.43	3.92	5.78	1.32
3	6.99	7.42	4.48	6.62	14.09	6.56	6.19	11.63	2.45	3.45	2.56	3.07
4	4.85	---	4.48	7.38	15.07	6.26	7.18	9.68	2.43	2.66	1.75	1.54
5	5.02	---	3.92	12.38	12.97	8.14	7.01	6.74	1.92	2.34	2.09	1.89
6	5.76	4.53	3.67	14.24	11.59	7.32	9.59	4.61	2.67	3.28	1.51	1.19
7	7.06	4.15	3.26	10.66	10.01	6.81	6.11	5.82	2.94	3.27	1.07	1.45
8	8.25	5.21	3.15	7.69	8.24	5.84	5.75	6.05	3.19	2.30	1.07	1.02
9	8.55	---	3.18	6.36	6.94	5.86	6.26	6.21	2.98	3.64	1.08	1.45
10	7.66	---	3.06	7.23	6.93	5.88	6.12	4.49	3.31	5.10	1.05	1.53
11	7.55	---	3.21	7.68	6.56	5.10	6.69	5.41	2.38	5.62	1.34	1.24
12	7.24	4.87	4.67	7.67	7.21	6.30	5.78	4.57	1.48	6.52	1.20	1.09
13	7.83	6.22	5.03	6.95	7.03	7.79	4.88	4.45	1.36	3.16	1.07	1.43
14	7.36	5.68	6.54	6.36	6.44	7.70	4.46	4.64	1.57	3.37	.96	1.35
15	5.12	4.82	6.65	5.52	4.96	6.70	4.45	3.72	4.11	4.04	1.25	1.20
16	3.39	---	9.64	6.07	5.77	6.99	4.84	2.95	3.47	5.30	1.39	1.73
17	3.15	---	8.00	6.50	5.98	6.87	4.93	4.16	3.50	4.99	1.29	1.55
18	3.22	5.62	7.02	6.69	6.11	6.63	4.46	5.50	3.18	5.23	1.40	1.22
19	3.74	4.78	7.18	7.36	6.56	6.80	4.34	4.00	3.67	4.79	1.69	1.37
20	6.55	---	7.05	8.54	7.35	6.36	4.64	3.30	4.30	5.76	1.40	1.21
21	5.30	6.43	5.64	8.17	6.85	5.88	3.36	4.23	3.40	6.04	1.65	1.35
22	3.02	6.80	5.31	7.51	11.35	5.56	4.00	4.81	3.14	5.08	1.37	1.63
23	---	6.00	4.87	7.23	10.18	5.43	3.77	3.36	2.49	6.26	1.01	1.21
24	4.52	5.93	4.37	10.06	7.64	5.89	3.89	3.88	1.93	8.68	.97	.96
25	5.08	4.96	5.84	14.86	8.51	5.92	3.21	4.42	1.98	5.11	.99	1.24
26	4.72	---	7.75	15.36	7.16	5.91	3.42	3.94	6.57	3.99	1.74	1.50
27	3.65	3.64	12.58	13.42	6.67	7.74	3.66	2.97	8.57	6.75	4.56	1.38
28	3.43	3.69	11.47	9.66	6.30	6.65	4.61	2.95	7.12	7.86	5.12	2.59
29	3.97	---	7.19	7.85	---	5.70	4.61	2.83	6.02	6.13	3.32	4.65
30	4.54	---	5.81	7.27	---	5.75	6.08	2.89	4.28	5.78	2.15	4.97
31	---	---	7.00	7.53	---	5.97	---	3.22	---	5.93	1.41	---
MEAN	5.41	5.23	5.88	8.55	8.36	6.43	5.15	5.17	3.39	4.88	1.94	1.71
MAX	8.55	7.42	12.58	15.36	15.07	8.14	9.59	11.70	8.57	8.68	5.78	4.97
MIN	3.02	3.64	3.06	5.52	4.96	5.10	3.21	2.83	1.36	2.30	.96	.96

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

LOCATION.--Lat 33°48'58'', long 80°49'39'', Richland County, Hydrologic Unit 03050110, on left bank at Cedar Creek Hunt Club, 4.1 miles southwest of Gadsden, 500 ft north of Wise Lake in the Congaree Swamp National Monument.

DRAINAGE AREA.--69.9 mi^2 approximately.

PERIOD OF RECORD.--November 1980 to November 1983, June 1985 to September 1986, April 1987 to September 1987 (daily-discharge); December 1993 to current year (gage-height only).

GAGE.--Data collection platform. Datum of gage is 90.33 ft (revised) above sea level.

REMARKS.--This station is located in the Congaree River flood plain. When flood conditions exist on the Congaree River (discharge greater than about 25,000 ft^3/s at 02169625) varying degrees of backwater affect flow at this site. Prior to March 4, 1999 at datum 3.00 ft higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, undetermined; minimum gage-height, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.58 ft, Jan. 27; minimum gage height, 2.10 ft, May 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.43	4.34	4.55	4.71	5.09	3.50	3.70	5.72	2.55	4.19	2.67	2.50
2	4.43	4.37	4.55	4.70	5.82	3.47	4.08	6.51	2.53	3.71	2.58	2.44
3	4.41	4.38	4.55	5.00	6.53	3.43	4.30	6.64	2.52	3.54	2.47	2.41
4	4.40	4.40	4.55	5.11	7.55	2.54	4.22	5.96	2.52	3.30	2.40	2.39
5	4.41	4.42	4.55	5.17	8.17	2.37	3.93	5.13	2.50	3.07	2.36	2.38
6	4.42	4.42	4.56	5.77	7.46	2.33	3.78	4.46	2.44	2.93	2.31	2.46
7	4.43	4.43	4.56	6.14	6.47	2.32	3.63	4.16	2.43	3.00	2.28	2.47
8	4.47	4.44	4.57	5.27	5.63	2.42	3.47	4.00	2.42	2.93	2.26	2.46
9	4.49	4.45	4.57	5.83	5.13	2.88	3.37	3.81	2.39	2.85	2.23	2.47
10	4.49	4.47	4.57	5.56	4.97	3.24	3.32	3.59	2.34	2.75	2.18	2.49
11	4.47	4.49	4.56	4.86	4.90	3.37	3.25	3.40	2.35	2.76	2.16	2.45
12	4.44	4.50	4.56	4.77	4.86	3.39	3.16	3.28	2.51	3.45	2.19	2.40
13	4.43	4.50	4.57	4.74	4.82	3.37	3.10	3.19	2.49	3.65	2.22	2.37
14	4.43	4.50	4.62	4.73	4.78	3.61	3.08	3.17	2.43	3.74	2.23	2.36
15	4.42	4.55	4.66	4.92	4.76	4.09	3.03	3.15	2.44	3.73	2.30	2.44
16	4.40	4.61	4.99	5.10	4.75	4.26	3.15	3.12	2.58	3.48	2.69	2.74
17	4.39	4.67	5.11	5.11	4.76	4.19	3.23	3.06	3.00	3.23	2.98	2.86
18	4.39	4.68	5.11	5.18	4.78	4.02	3.13	2.33	3.13	3.05	3.06	2.93
19	4.38	4.65	4.98	5.19	4.82	3.81	3.03	2.57	3.01	2.93	2.90	2.95
20	4.38	4.62	4.85	5.05	4.92	3.63	2.98	2.76	2.88	2.84	3.03	2.99
21	4.38	4.60	4.77	4.92	4.91	3.53	2.95	2.79	2.82	2.76	2.94	3.28
22	4.36	4.57	4.72	4.84	4.87	3.73	2.92	2.79	2.78	2.69	2.80	3.37
23	4.35	4.56	4.69	4.86	4.92	3.79	2.86	2.83	2.72	2.84	2.65	3.36
24	4.35	4.55	4.69	5.46	4.85	3.73	2.82	2.91	2.66	2.84	2.58	3.24
25	4.35	4.56	4.87	6.51	4.36	3.66	2.87	2.87	2.68	2.76	2.54	3.13
26	4.37	4.57	5.00	7.85	3.63	3.92	3.11	2.75	3.71	2.73	2.55	3.01
27	4.35	4.57	5.06	8.47	3.54	4.14	2.96	2.70	5.43	2.70	2.61	3.11
28	4.31	4.57	5.38	7.62	3.52	4.16	3.35	2.67	5.90	2.66	2.67	3.74
29	4.30	4.57	4.95	6.47	---	3.98	3.68	2.64	5.36	2.61	2.79	4.52
30	4.30	4.56	4.79	5.59	---	3.78	4.47	2.62	4.82	2.55	2.67	4.93
31	4.31	---	4.74	5.07	---	3.63	---	2.58	---	2.63	2.57	---
MAX	4.49	4.68	5.38	8.47	8.17	4.26	4.47	6.64	5.90	4.19	3.06	4.93
MIN	4.30	4.34	4.55	4.70	3.52	2.32	2.82	2.33	2.34	2.55	2.16	2.36

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

LOCATION.--Lat 33°43'52'', long 80°37'43'', Calhoun County, Hydrologic unit 03050110, 200 ft downstream from Trezesvants Landing, 1.0 mi downstream from confluence of Wateree and Congaree Rivers, 3.9 mi east, southeast, of Fort Motte and at mile 123.3.

DRAINAGE AREA.--14,100 mi^2, approximately.

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

GAGE.--Data collection platform. Datum of gage is sea level (South Carolina Public Service Authority bench mark). Prior to October 1, 1988, gage at same site at datum 69.57 ft higher.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 87.43 ft, Oct. 17, 1990 (maximum observed gage height, 87.47 ft, Mar. 5, 1987, by South Carolina Public Service Authority personnel); minimum gage height, 72.97 ft, Sep. 15, 16, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 80.93 ft, Jan. 28; minimum gage height, 72.97 ft, Sep. 15, 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.18	75.10	74.92	77.52	79.23	77.43	76.61	77.68	75.52	76.52	76.67	73.90
2	75.52	75.13	74.93	77.34	79.58	77.46	76.27	79.32	75.32	76.25	76.37	73.83
3	76.23	75.78	74.70	77.19	80.14	77.61	76.83	79.84	75.22	75.81	75.83	73.77
4	75.96	76.52	74.87	77.01	80.52	77.07	76.83	79.91	75.11	75.55	75.17	73.84
5	75.61	76.04	---	78.61	80.80	77.59	77.19	79.49	75.11	75.18	74.98	73.66
6	75.66	75.42	74.77	79.72	80.79	77.76	77.66	78.41	74.98	75.20	75.06	73.66
7	76.09	75.10	74.52	80.06	80.52	77.43	77.52	77.88	75.15	75.46	75.02	73.53
8	---	75.27	---	79.45	80.01	76.91	76.69	77.74	75.11	75.28	74.78	73.56
9	---	75.71	---	78.67	79.30	76.41	76.47	77.75	75.13	75.34	74.69	73.44
10	77.96	75.97	---	78.14	78.96	76.68	76.54	77.25	75.05	75.79	74.62	73.42
11	77.88	75.57	75.19	77.75	78.72	76.55	76.73	76.78	75.07	75.99	74.59	73.40
12	77.64	75.46	75.36	77.63	78.60	76.45	76.63	76.75	74.72	76.30	74.54	73.36
13	77.31	75.61	75.74	78.04	78.63	77.26	76.11	76.36	74.59	75.97	74.52	73.31
14	77.29	75.86	75.76	77.77	78.36	77.58	75.85	76.38	74.55	75.32	74.47	73.24
15	76.94	---	76.16	77.44	77.35	77.32	75.81	76.31	74.70	75.64	74.46	73.15
16	76.00	---	76.90	77.47	76.80	77.03	75.53	76.02	75.21	75.93	74.44	73.21
17	75.54	---	77.70	77.90	77.24	77.23	75.88	75.89	75.02	76.64	74.40	73.54
18	75.52	---	77.41	78.03	76.87	77.07	75.65	76.42	75.14	76.22	74.39	73.44
19	75.28	---	77.51	78.18	76.84	77.00	75.44	76.26	74.93	76.02	74.41	73.40
20	75.85	74.92	77.39	78.64	76.81	76.94	75.40	75.88	75.14	75.98	74.46	73.38
21	76.29	75.29	76.76	78.93	77.51	76.66	75.23	75.75	75.08	76.30	74.29	73.45
22	75.58	75.63	75.96	78.65	78.16	76.48	75.06	76.14	74.96	76.08	74.26	73.37
23	75.19	75.50	75.94	78.63	79.21	76.40	75.09	75.98	74.82	76.25	74.24	73.52
24	75.22	75.23	75.50	78.83	78.90	76.81	75.10	75.77	74.74	77.47	74.10	73.37
25	75.58	75.28	75.70	79.88	78.72	76.83	75.01	75.84	74.65	77.39	74.06	73.36
26	75.66	75.20	76.96	80.45	78.73	76.74	74.91	75.93	74.96	76.21	74.01	73.26
27	75.41	74.74	78.65	80.80	78.25	77.00	74.93	75.70	77.42	76.26	74.31	73.32
28	75.15	74.53	79.53	80.83	77.89	77.58	75.20	75.54	77.88	77.39	74.99	73.57
29	75.11	74.50	79.00	80.33	---	76.94	75.37	75.54	77.33	77.31	74.86	74.30
30	75.24	74.44	77.87	79.77	---	76.59	75.74	75.41	76.65	77.07	74.22	74.91
31	75.08	---	77.19	79.39	---	76.67	---	75.52	---	77.17	74.02	---
MAX	77.96	76.52	79.53	80.83	80.80	77.76	77.66	79.91	77.88	77.47	76.67	74.91
MIN	75.08	74.44	74.52	77.01	76.80	76.40	74.91	75.41	74.55	75.18	74.01	73.15

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi^2, approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Data collection platform. Datum of gage is sea level (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; Dam completed in 1941. Usable capacity, 45,000,000,000 ft^3 between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximun normal lake elevation). Dead storage, about 17,070,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (affected by high winds); minimum elevation, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.31 ft, May 6; minimum elevation, 72.78 ft, Sep. 26.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.99	73.90	74.29	73.69	74.45	74.21	73.91	74.24	74.60	74.47	74.65	73.51
2	73.98	73.88	74.27	73.66	74.47	74.18	73.89	74.42	74.55	74.46	74.62	73.50
3	74.05	73.90	74.28	73.88	74.43	74.26	73.89	74.61	74.56	74.45	74.57	73.51
4	74.15	73.91	74.24	73.72	74.49	73.95	73.88	74.85	74.41	74.44	74.45	73.46
5	74.12	73.94	74.28	73.56	74.55	73.78	73.83	75.07	74.39	74.37	74.41	73.33
6	74.12	73.88	74.32	73.54	74.61	73.75	73.96	75.23	74.37	74.38	74.38	73.29
7	74.15	73.84	74.33	73.57	74.67	73.66	74.01	75.17	74.37	74.36	74.33	73.27
8	74.21	73.86	74.30	73.63	74.71	73.53	73.98	75.10	74.27	74.34	74.28	73.22
9	74.25	73.89	74.15	73.73	74.71	73.48	73.97	75.07	74.21	74.32	74.17	73.15
10	74.33	73.95	74.15	73.67	74.64	73.29	73.88	75.01	74.16	74.34	74.17	73.06
11	74.44	73.98	73.98	73.54	74.59	73.23	73.99	74.93	74.12	74.39	74.12	73.03
12	74.53	73.95	73.87	73.39	74.68	73.21	73.85	74.94	74.07	74.44	74.04	72.98
13	74.61	73.93	73.81	73.33	74.57	73.27	73.83	74.87	74.03	74.53	74.01	72.93
14	74.64	73.97	73.65	73.31	74.41	73.57	73.83	74.86	74.03	74.51	74.07	72.90
15	74.66	74.03	73.74	73.34	74.26	73.45	73.96	74.82	74.00	74.53	73.97	73.25
16	74.64	74.06	73.63	73.32	74.02	73.49	73.82	74.76	74.20	74.54	73.95	73.08
17	74.62	74.08	73.65	73.39	73.90	73.56	73.83	74.73	74.19	74.59	73.90	73.03
18	74.56	74.10	73.61	73.50	73.82	73.59	73.74	74.70	74.14	74.60	73.81	72.99
19	74.44	74.12	73.68	73.47	73.95	73.57	73.69	74.69	74.14	74.61	73.74	72.97
20	74.40	74.14	73.79	73.43	73.85	73.60	73.65	74.66	74.17	74.59	73.71	73.05
21	74.46	74.13	73.85	73.45	73.89	73.71	73.66	74.66	74.17	74.59	73.69	73.10
22	74.40	74.21	73.87	73.51	73.77	73.68	73.62	74.71	74.15	74.62	73.67	72.95
23	74.27	74.29	73.87	73.69	73.77	73.69	73.61	74.66	74.11	74.60	73.65	72.92
24	74.28	74.31	73.80	73.79	73.71	73.70	73.62	74.66	74.05	74.57	73.63	72.85
25	74.27	74.38	73.80	73.93	73.73	73.77	73.63	74.65	74.09	74.67	73.55	72.83
26	74.22	74.41	73.81	74.03	73.81	73.76	73.66	74.68	74.01	74.65	73.58	72.83
27	74.18	74.35	73.87	74.20	73.95	73.75	73.81	74.62	74.17	74.58	73.57	72.86
28	74.14	74.26	73.99	74.34	74.12	73.83	73.80	74.63	74.27	74.60	73.56	72.96
29	74.00	74.25	74.10	74.39	---	73.89	73.83	74.64	74.35	74.63	73.65	73.06
30	73.94	74.29	73.95	74.42	---	73.87	74.07	74.65	74.41	74.61	73.55	73.07
31	73.87	---	73.88	74.36	---	73.89	---	74.65	---	74.62	73.51	---
MAX	74.66	74.41	74.33	74.42	74.71	74.26	74.07	75.23	74.60	74.67	74.65	73.51
MIN	73.87	73.84	73.61	73.31	73.71	73.21	73.61	74.24	74.00	74.32	73.51	72.83
(+)	34.46	35.87	34.50	36.10	35.30	34.53	35.13	37.07	36.27	36.97	33.26	31.79
(*)	-112	+544	-512	+597	-331	-287	+231	+724	-309	+261	-1385	-567

CAL YR 1998 * -195 MAX 76.68 MIN 73.61
WTR YR 1999 * -94.2 MAX 75.23 MIN 72.83

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'58'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050112, below Lake Marion Wilson Dam, at right downstream end of spillway about 300 ft below dam, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1998 to September 1999. Records for July 1991-September 1998 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is sea level. Prior to July 17, 1991, nonrecording gage at same site and datum.

REMARKS.--Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River Basin (see sta 02172002), and lower Santee (see sta 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 31.20 ft, Mar. 3, 1999; minimum gage height, 26.20 ft, Aug. 19, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 31.20 ft, Mar. 3; minimum gage height, 26.20 ft, Aug. 19.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.22	27.13	27.16	27.19	27.11	27.15	27.19	27.11	27.16	27.21	27.10	27.16
2	27.18	27.10	27.15	27.20	27.07	27.15	27.24	26.95	27.15	27.21	27.10	27.16
3	27.19	27.11	27.14	27.19	27.11	27.15	27.21	27.10	27.16	27.35	27.14	27.23
4	27.18	27.11	27.15	27.19	27.10	27.15	27.20	27.12	27.16	27.36	27.13	27.21
5	27.19	27.11	27.15	27.23	27.11	27.16	27.20	27.10	27.16	27.19	27.12	27.15
6	27.20	27.11	27.15	27.21	27.10	27.16	27.21	27.11	27.16	27.18	27.10	27.14
7	27.20	27.11	27.16	27.19	27.11	27.16	27.20	27.11	27.16	27.19	27.10	27.14
8	27.29	26.98	27.15	27.20	27.11	27.15	27.20	27.09	27.16	27.19	27.09	27.14
9	27.22	27.14	27.18	27.20	27.08	27.14	27.22	27.11	27.17	27.18	27.09	27.14
10	27.22	27.13	27.18	27.37	27.06	27.19	27.21	27.11	27.16	27.18	27.10	27.14
11	27.22	27.14	27.18	27.21	27.10	27.15	27.21	27.10	27.16	27.19	27.10	27.14
12	27.22	27.14	27.18	27.18	27.11	27.15	27.20	27.11	27.16	27.18	27.08	27.14
13	27.22	27.14	27.18	27.21	27.08	27.15	27.20	27.12	27.16	27.17	27.09	27.12
14	27.23	27.15	27.19	27.20	27.11	27.15	27.23	27.10	27.16	27.36	26.98	27.14
15	27.91	27.15	27.32	27.70	27.11	27.23	27.33	27.12	27.19	27.19	27.10	27.14
16	27.26	27.15	27.19	27.20	27.10	27.16	28.62	27.11	27.42	27.17	27.09	27.13
17	27.24	27.15	27.19	27.19	27.11	27.16	27.34	27.17	27.24	27.21	27.09	27.13
18	27.22	27.14	27.18	27.21	27.12	27.16	28.37	27.16	27.65	27.20	27.11	27.15
19	27.22	27.14	27.18	27.21	27.12	27.16	27.25	27.16	27.20	27.18	27.09	27.14
20	27.23	27.14	27.18	27.21	27.09	27.16	28.03	27.15	27.26	27.17	27.10	27.14
21	28.11	27.14	27.46	27.21	27.11	27.16	28.34	27.13	27.68	27.22	27.11	27.15
22	28.46	27.15	27.80	27.21	27.11	27.16	27.19	27.08	27.14	27.23	27.16	27.19
23	28.51	28.42	28.46	27.21	27.12	27.16	27.21	27.10	27.14	27.37	27.17	27.23
24	28.49	28.42	28.45	27.23	27.12	27.16	27.20	27.11	27.15	27.46	27.32	27.40
25	28.48	28.40	28.44	27.21	27.13	27.17	27.20	27.11	27.16	27.34	27.07	27.20
26	28.47	28.39	28.43	27.22	27.12	27.17	27.24	27.11	27.17	27.35	27.08	27.19
27	28.47	27.17	27.92	27.22	27.11	27.16	27.21	27.12	27.16	27.38	27.14	27.25
28	27.23	27.12	27.17	27.20	27.12	27.16	27.20	27.10	27.15	27.20	27.12	27.16
29	27.22	27.12	27.16	27.20	27.11	27.16	27.20	27.12	27.15	27.20	27.12	27.17
30	27.19	27.11	27.15	27.20	27.12	27.16	27.95	27.10	27.35	27.22	27.12	27.17
31	27.20	27.09	27.15	---	---	---	27.21	27.12	27.16	27.45	26.98	27.19
MONTH	28.51	26.98	27.39	27.70	27.06	27.16	28.62	26.95	27.21	27.46	26.98	27.17

02171001 SANTEE RIVER AT LAKE MARION TAILRACE NEAR PINEVILLE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	27.27	27.14	27.20	27.44	27.17	27.24	27.52	27.21	27.42	27.45	27.22	27.31
2	27.28	27.17	27.23	27.27	27.16	27.21	27.47	27.39	27.43	27.28	27.17	27.22
3	27.24	27.14	27.20	31.20	26.86	28.32	27.47	27.38	27.42	27.23	27.16	27.20
4	27.65	27.14	27.27	30.00	27.25	27.94	27.46	27.38	27.42	27.22	27.16	27.19
5	27.25	27.14	27.20	28.95	27.47	28.12	27.46	27.39	27.42	27.24	27.17	27.20
6	27.25	27.15	27.20	27.54	27.44	27.49	27.46	27.39	27.42	27.48	27.16	27.23
7	27.24	27.15	27.20	27.54	27.42	27.48	27.46	27.37	27.41	27.23	27.16	27.19
8	27.22	27.12	27.19	27.54	27.35	27.45	27.45	27.39	27.41	27.21	27.14	27.18
9	27.22	27.14	27.18	27.66	27.35	27.49	27.52	27.34	27.42	27.21	27.13	27.17
10	27.22	27.14	27.18	27.65	27.37	27.50	27.48	27.38	27.41	27.23	27.14	27.17
11	27.25	27.12	27.18	27.44	27.36	27.39	27.48	27.36	27.41	27.22	27.12	27.17
12	29.15	27.13	27.51	27.46	27.35	27.39	27.60	27.34	27.47	27.21	27.14	27.17
13	28.25	27.25	27.47	27.43	27.35	27.40	27.59	27.34	27.47	27.22	27.14	27.16
14	28.64	27.70	28.49	27.59	27.38	27.43	27.49	27.31	27.39	27.20	27.13	27.17
15	28.65	27.28	28.03	27.51	27.38	27.44	27.38	27.29	27.34	27.20	27.12	27.16
16	27.31	27.22	27.27	27.45	27.38	27.41	27.87	27.14	27.45	27.21	27.13	27.16
17	27.30	27.21	27.25	27.45	27.37	27.41	27.38	27.15	27.23	27.21	27.12	27.16
18	27.29	27.20	27.24	27.45	27.37	27.41	27.27	27.14	27.19	27.21	27.10	27.15
19	27.30	27.19	27.24	27.46	27.37	27.41	27.21	27.14	27.17	27.21	27.06	27.11
20	27.28	27.19	27.24	27.45	27.37	27.41	27.21	27.13	27.17	27.12	27.05	27.08
21	27.29	27.19	27.24	27.50	27.40	27.44	27.21	27.14	27.18	27.12	27.04	27.08
22	27.29	27.19	27.24	27.45	27.39	27.42	27.21	27.14	27.17	27.10	27.04	27.07
23	27.31	27.21	27.24	27.48	27.39	27.42	27.22	27.14	27.17	27.10	27.04	27.07
24	27.28	27.19	27.24	27.46	27.37	27.41	27.22	27.12	27.17	27.20	27.04	27.10
25	27.28	27.20	27.24	27.50	27.37	27.43	27.21	27.15	27.17	27.11	27.02	27.08
26	27.27	27.19	27.24	27.48	27.38	27.44	27.20	27.13	27.17	27.12	27.03	27.08
27	27.28	27.19	27.24	27.46	27.37	27.42	27.36	27.02	27.16	27.13	27.05	27.08
28	28.09	27.18	27.46	27.45	27.39	27.42	27.35	27.16	27.22	27.11	27.05	27.08
29	---	---	---	27.44	27.38	27.41	27.26	27.12	27.19	27.12	27.05	27.08
30	---	---	---	27.46	27.38	27.41	27.48	27.16	27.35	27.11	27.03	27.07
31	---	---	---	27.47	27.38	27.41	---	---	---	27.11	27.03	27.08
MONTH	29.15	27.12	27.33	31.20	26.86	27.48	27.87	27.02	27.31	27.48	27.02	27.14

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.11	27.04	27.07	26.99	26.89	26.95	26.97	26.84	26.92	26.97	26.88	26.91
2	27.15	27.03	27.07	26.99	26.91	26.95	26.98	26.87	26.92	26.95	26.88	26.91
3	27.14	27.02	27.07	27.01	26.90	26.95	27.00	26.86	26.92	26.94	26.86	26.91
4	27.10	27.03	27.06	26.99	26.90	26.95	27.10	26.81	26.94	26.98	26.87	26.91
5	27.10	27.03	27.06	26.99	26.91	26.95	27.00	26.86	26.93	26.95	26.88	26.91
6	27.10	27.02	27.06	27.01	26.92	26.96	26.99	26.88	26.93	26.95	26.87	26.91
7	27.11	27.01	27.06	27.00	26.91	26.95	27.00	26.88	26.94	26.95	26.87	26.91
8	27.09	27.02	27.06	27.01	26.89	26.95	27.06	26.86	26.95	26.94	26.88	26.91
9	27.06	26.99	27.03	26.99	26.91	26.95	27.01	26.89	26.94	26.94	26.88	26.91
10	27.07	26.97	27.02	27.00	26.91	26.95	27.02	26.88	26.95	26.96	26.88	26.91
11	27.06	26.98	27.02	27.03	26.91	26.97	27.02	26.89	26.95	26.95	26.88	26.91
12	---	---	---	27.03	26.80	26.96	27.01	26.90	26.96	26.97	26.88	26.91
13	---	---	---	27.02	26.94	26.97	27.02	26.90	26.95	26.97	26.88	26.92
14	---	---	---	27.01	26.91	26.96	27.04	26.90	26.97	27.00	26.88	26.92
15	---	---	---	27.00	26.92	26.97	27.06	26.91	26.97	27.68	26.88	27.23
16	---	---	---	27.01	26.94	26.97	27.03	26.89	26.96	28.00	26.95	27.46
17	27.07	26.98	27.02	27.01	26.93	26.97	27.01	26.91	26.96	27.82	26.93	27.43
18	27.05	26.95	27.01	27.02	26.91	26.98	27.03	26.91	26.96	26.98	26.91	26.94
19	27.05	26.96	27.01	27.01	26.93	26.97	27.76	26.20	26.97	26.98	26.89	26.94
20	27.05	26.98	27.01	27.03	26.92	26.98	28.11	26.92	27.52	26.98	26.91	26.94
21	27.04	26.97	27.01	27.00	26.91	26.97	27.00	26.88	26.95	27.81	26.91	27.15
22	27.05	26.95	27.01	27.03	26.92	26.97	27.01	26.87	26.95	27.89	26.93	27.35
23	27.04	26.96	27.01	27.01	26.92	26.97	27.02	26.90	26.95	27.00	26.92	26.96
24	27.12	26.96	27.02	27.04	26.89	26.97	27.02	26.89	26.94	26.98	26.91	26.95
25	27.15	27.01	27.07	27.01	26.93	26.97	27.00	26.88	26.94	26.99	26.91	26.95
26	27.14	27.01	27.06	27.14	26.89	27.00	27.00	26.88	26.93	26.98	26.91	26.94
27	27.14	26.99	27.07	28.64	26.90	27.44	26.96	26.88	26.92	26.99	26.89	26.95
28	27.16	26.90	27.04	28.82	26.90	27.70	26.95	26.87	26.91	27.09	26.90	26.98
29	27.12	26.89	26.99	26.99	26.85	26.92	27.86	26.87	27.09	27.07	26.94	26.99
30	27.00	26.90	26.95	26.96	26.85	26.92	28.03	26.94	27.57	27.01	26.68	26.91
31	---	---	---	26.97	26.85	26.92	26.96	26.87	26.92	---	---	---
MONTH	27.16	26.89	27.03	28.82	26.80	27.00	28.11	26.20	26.99	28.00	26.68	26.99
YEAR	31.20	26.20	27.19									

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1942 to current year.

GAGE.--Data collection platform. Datum of gage is 22.83 ft above sea level (from South Carolina Geodetic Survey benchmark). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream of temporary water-stage recorder operated by U.S. Army Corps of Engineers, at site 200 ft upstream, at different datum. One additional gage is used for computation of discharge at this station, which is located 2.4 mi upstream at Lake Marion Tailrace (see sta 02171001).

REMARKS.--Records poor. Discharge records for 1987-99 water years are computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH). Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River Basin (see sta 02172002) and lower Santee (see sta 02171645). During periods of incomplete gage-height record, values of daily mean discharge from Lake Marion Hydro and Spillway were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges. Seepage from north dike of Lake Marion Dam bypasses station via Little River (see sta 02171520).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	658	662	668	662	661	662	792	717	653	605	594	e600
2	656	661	665	667	675	657	794	696	651	605	595	e600
3	655	660	670	681	663	656	792	693	651	607	595	599
4	657	663	669	679	683	660	790	692	650	606	601	600
5	659	666	669	659	660	677	793	696	650	606	597	600
6	660	664	669	655	659	680	790	705	649	607	598	600
7	662	665	669	659	663	719	789	691	650	605	601	599
8	661	664	670	659	674	676	789	687	648	605	603	599
9	667	659	672	657	671	660	790	687	637	606	602	600
10	667	673	671	660	728	695	788	686	635	608	604	601
11	669	662	671	654	663	659	788	687	632	611	605	601
12	670	664	671	651	661	657	810	686	633	609	607	601
13	671	661	669	652	667	661	805	685	e635	612	606	602
14	674	664	672	660	678	669	777	686	e635	608	610	604
15	716	686	678	659	682	663	759	685	e635	610	611	706
16	673	665	756	657	660	674	786	685	636	613	609	774
17	673	664	697	657	655	664	704	684	632	612	608	764
18	671	668	843	662	659	680	694	682	626	614	611	605
19	672	668	687	657	659	662	689	665	627	612	617	605
20	669	666	705	657	656	659	689	654	627	613	795	605
21	764	668	855	663	660	662	690	653	627	612	604	674
22	895	666	662	677	654	674	688	652	628	612	606	735
23	1140	668	663	684	651	671	688	652	626	612	606	610
24	1140	667	664	719	652	671	690	659	632	610	604	609
25	1130	670	667	668	660	673	691	653	645	612	604	610
26	1130	670	670	670	658	729	688	654	643	619	601	608
27	930	668	666	688	658	838	686	655	647	772	599	608
28	666	668	664	659	656	1110	703	655	632	857	601	615
29	665	667	665	657	---	1040	692	655	617	592	656	617
30	662	668	728	662	---	786	730	653	604	593	818	593
31	663	---	662	671	---	789	---	654	---	595	e620	---
TOTAL	23145	19985	21307	20622	18626	22033	22354	20944	19093	19260	19188	18744
MEAN	747	666	687	665	665	711	745	676	636	621	619	625
MAX	1140	686	855	719	728	1110	810	717	653	857	818	774
MIN	655	659	662	651	651	656	686	652	604	592	594	593

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1999, BY WATER YEAR (WY)

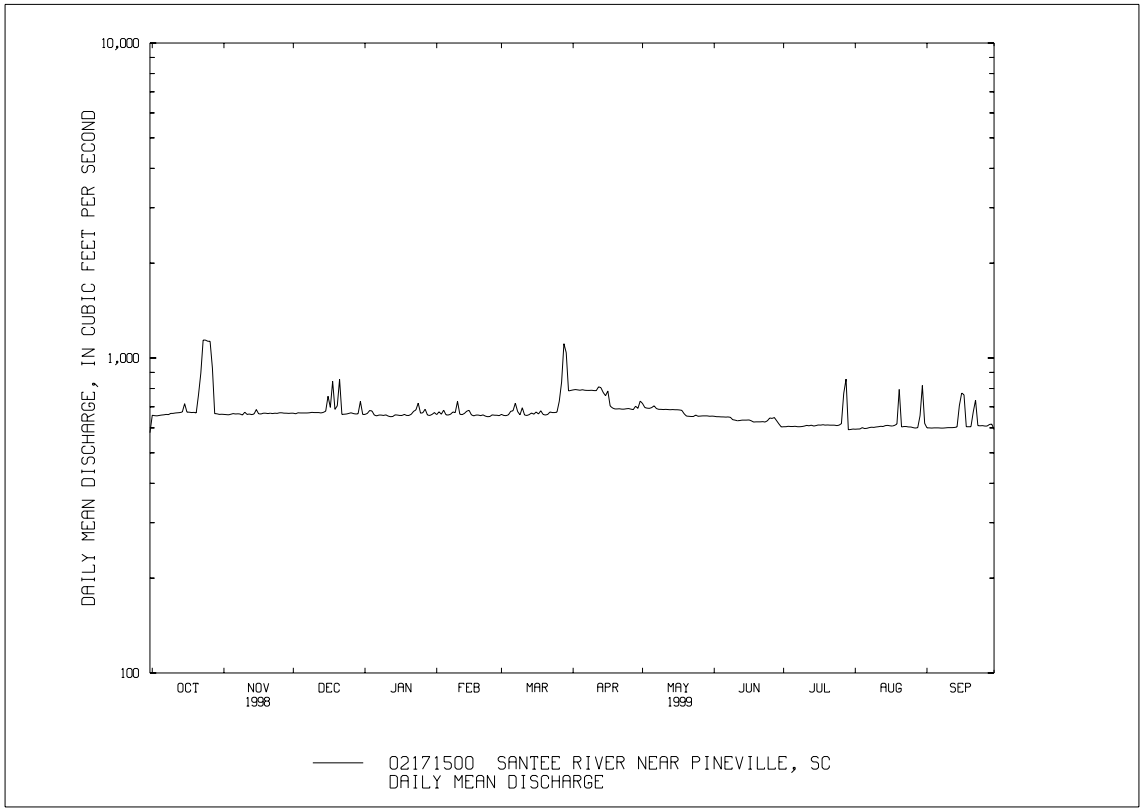
MEAN	2009	847	1495	2694	4227	5654	4397	1326	993	711	836	1306
MAX	27160	6745	17290	20400	36010	23690	19470	14820	10120	6185	8034	25500
(WY)	1965	1948	1949	1946	1960	1975	1973	1958	1973	1943	1967	1945
MIN	430	447	456	436	481	362	481	477	479	401	450	445
(WY)	1950	1953	1980	1991	1959	1947	1947	1947	1981	1942	1982	1982

02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1942 - 1999	
ANNUAL TOTAL	1987716		245301			
ANNUAL MEAN	5446		672		2196	
HIGHEST ANNUAL MEAN					7682	1960
LOWEST ANNUAL MEAN					491	1985
HIGHEST DAILY MEAN	54900	Feb 2	1140 ***	Oct 23	153000	Sep 22 1945
LOWEST DAILY MEAN	548	May 6	592	Jul 29	* 9	Feb 23 1947
ANNUAL SEVEN-DAY MINIMUM	569	Sep 16	595	Jul 29	25	Feb 17 1947
INSTANTANEOUS PEAK FLOW					** 155000	Sep 23 1945
INSTANTANEOUS PEAK STAGE			6.29	Mar 3	31.10	Sep 23 1945
10 PERCENT EXCEEDS	17300		757		2000	
50 PERCENT EXCEEDS	685		662		545	
90 PERCENT EXCEEDS	603		605		484	

* Caused by repair work at spillway at Lake Marion.
** From rating curve extended above 13,000 ft^3/s on basis of computation of peak flow over spillway at Lake Marion.
*** Also occurred Oct. 24.

e Estimated



02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

LOCATION.--Lat 33°25'26'', long 79°51'40'', Berkeley County, Hydrologic Unit 03050112, on right bank, 3.2 mi downstream from St. Stephens Powerhouse, 0.8 mi upstream from Santee River, and 3.0 mi west of St. Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Data collection platform. Datum of gage is sea level.

REMARKS.--Records poor. Discharge records for the 1987-99 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Two auxiliary stations (sta. 02171560 and 02171700) are used with this station for computation of discharge. Flow is regulated by the St. Stephens Powerhouse and affected by tide during low-flow periods. Water is diverted above station from Lake Moultrie for generation of power and for navigation, then discharged into the West Branch Cooper River (see station 02172002). During periods of incomplete gage-height record, values of daily mean discharge from St. Stephens Powerhouse were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0	e0	3320	12200	20100	e5330	e3450	e2190	30	306	0	0
2	e0	e2750	1690	11500	16000	e10700	e3620	e0	32	130	8	20
3	e0	e1550	908	5690	21000	e13000	e3920	e0	36	110	10	23
4	e0	e0	1150	14600	21200	e12900	e3580	e0	108	356	6	26
5	e0	e0	17	16900	21600	e15000	e3420	e0	36	126	2	29
6	e0	e109	23	14500	21500	e8050	e3490	3290	44	99	0	31
7	e0	e735	101	10100	17400	e7600	e3640	9970	59	58	0	86
8	e0	e0	4780	15100	13300	e14800	e3920	10500	3110	552	474	39
9	e0	e309	3410	4380	18000	e13100	e3350	7040	132	74	0	38
10	e0	e507	4340	16500	16900	e8520	e3100	7100	43	11	0	39
11	e0	e0	6830	19100	13000	e5070	e3170	5760	70	22	0	41
12	e0	e0	9930	15800	11100	e3860	e3570	3570	76	174	47	43
13	e0	e190	9670	11200	14900	e3330	e3200	4630	81	123	0	38
14	e0	e0	9750	10800	17600	e3450	e2890	4280	86	87	28	39
15	e0	e0	15300	7290	20600	e3320	e2900	3190	100	973	0	154
16	e0	e0	4880	7530	20200	e3160	e2930	3620	169	3	9	32
17	e0	200	7220	10200	11200	e3720	e2900	3370	115	44	1	258
18	e6240	4	e9390	6570	13900	e3700	e3200	4630	135	34	2	0
19	e2920	14	e2900	12400	5890	e3340	e2900	1570	177	e0	28	4
20	e1050	10	e0	17400	6330	e3340	e1630	1500	210	e0	0	28
21	e0	10	e2240	8970	9900	e3300	34	0	239	e0	0	29
22	e1430	12	e0	13500	e9250	e3380	961	0	281	e0	0	10
23	e2470	33	4170	13400	e16100	e3760	0	0	333	e4560	8	0
24	e295	12	2100	11100	e12000	e3550	763	0	361	e0	17	11
25	e333	14	5520	15800	e3430	e3520	0	40	691	e44	10	24
26	e6000	12	7260	13100	e0	e3040	e0	364	1190	e3600	29	31
27	e720	1650	4560	16300	e1480	e3890	e0	23	1080	e2640	23	32
28	e7080	3900	6750	20200	e0	e2880	e0	11	741	e1580	19	53
29	e4290	1480	6920	19700	---	e3410	e0	16	639	e2450	30	24
30	e3880	17	14500	18100	---	e3390	e0	22	515	2410	0	68
31	e0	---	18500	19500	---	e3580	---	27	---	101	0	---
TOTAL	36708	13518	168129	409430	373880	182990	66538	76713	10919	20667	751	1250
MEAN	1184	451	5424	13210	13350	5903	2218	2475	364	667	24.2	41.7
MAX	7080	3900	18500	20200	21600	15000	3920	10500	3110	4560	474	258
MIN	0	0	0	4380	0	2880	0	0	30	0	0	0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1999, BY WATER YEAR (WY)

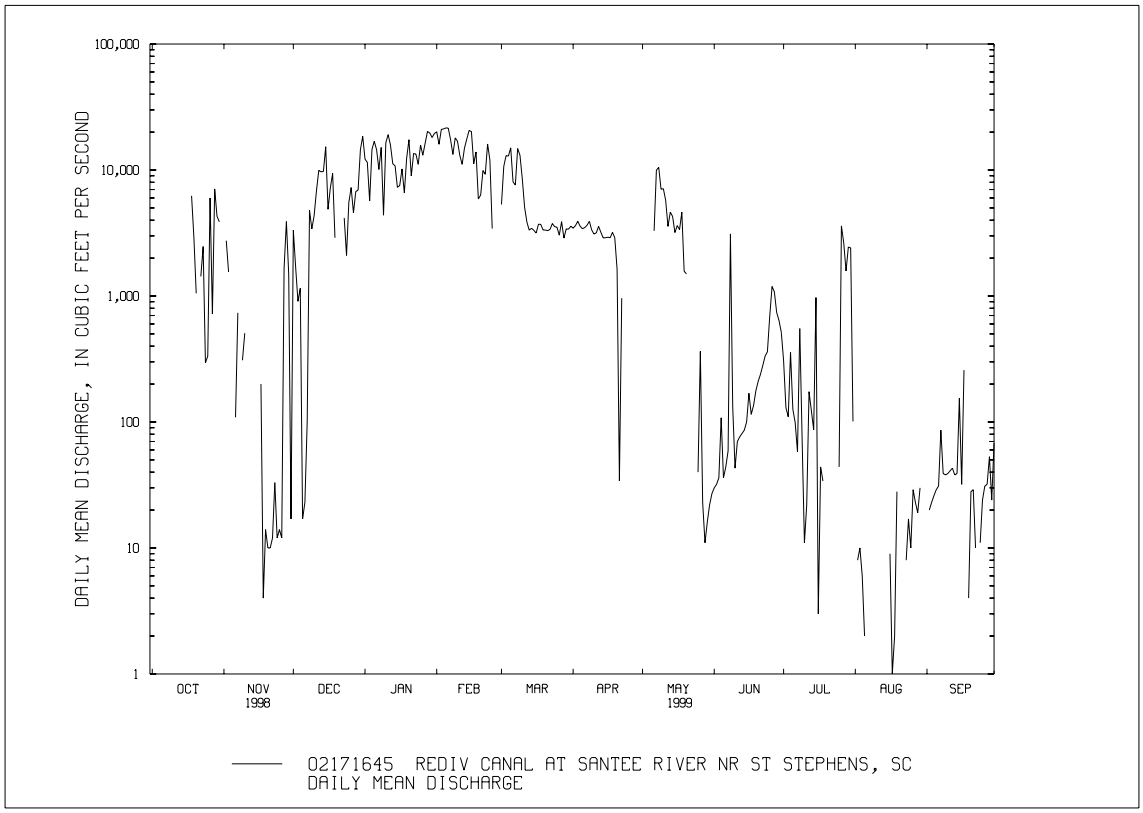
MEAN	7073	8010	13000	15370	15360	17420	13260	8689	4934	3913	5988	5449
MAX	16820	21590	24130	22410	23980	23900	24150	23930	15030	13960	23380	13080
(WY)	1996	1996	1993	1998	1998	1987	1998	1991	1992	1989	1991	1995
MIN	30.2	451	5346	2206	2744	2621	1225	192	18.8	1.00	24.2	41.7
(WY)	1994	1999	1989	1989	1989	1988	1988	1988	1988	1988	1999	1999

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1987 - 1999	
ANNUAL TOTAL	4127798		1361493			
ANNUAL MEAN	11310		3730		9852	
HIGHEST ANNUAL MEAN					14610	1991
LOWEST ANNUAL MEAN					3088	1988
HIGHEST DAILY MEAN	29900	Feb 13	21600	Feb 5	31200	Nov 17 1989
LOWEST DAILY MEAN	0 **	Jun 30	0 **	Oct 1	-155	Jun 25 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 30	.00	Oct 1	.00 *	Oct 1 1986
10 PERCENT EXCEEDS	24900		13300		22900	
50 PERCENT EXCEEDS	8110		515		8390	
90 PERCENT EXCEEDS	.00		.00		16	

* Also occurred many days, many years.
** Also occurred many days.

e Estimated



02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17''. long 79°40'42'', Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.1 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Discharge records are available for the period October 1986 to current year. Gage height records are available for the periods January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Data collection platform. Datum of gage is sea level (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Records poor. Discharge records for 1987-99 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Two auxiliary stations (sta. 02171560 and 02171645) are used in conjuction with this station for computation of discharge. Discharge affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta 02171645), and by tide during low-flow periods.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1200	e1200	1430	18500	21500	e6530	e4600	e3400	1050	1410	1240	1010
2	e1200	e4000	4610	12300	17800	e11900	e4800	e1200	1060	1170	994	944
3	e1200	e2750	1960	8450	20500	e14200	e5100	e2500	1060	1100	918	877
4	e1200	e1200	2110	13500	21900	e14100	e4800	2140	1020	1260	953	1020
5	e1200	e1200	1760	16800	22000	e16200	e4600	1870	1020	1120	953	1030
6	e1200	e1300	1130	17700	22400	e9250	e4700	1850	1020	1040	957	936
7	e1200	e1930	1060	13400	22400	e8800	e4800	9490	986	1030	953	966
8	e1200	e1200	2610	14200	17500	e16000	e5100	12700	1940	1110	1170	1000
9	e1200	e1500	4340	11900	18400	e14300	e4600	8560	2870	1290	1140	976
10	e1200	e2000	5110	13400	18800	e9700	e4200	8970	1160	1010	869	1050
11	e1200	e1200	5860	17800	18500	e6300	e4400	6920	846	900	1060	983
12	e1200	e1200	9000	19400	13300	e5060	e4800	6410	999	905	1060	1010
13	e1200	e1200	10100	16200	14000	e4500	e4400	5050	1080	1150	1070	1030
14	e1200	e1200	11200	12100	18700	e4650	e4100	5710	1150	1140	1020	998
15	e1200	e1200	13600	8420	19300	e4500	e4100	4560	1140	1380	1040	779
16	e1200	e1200	10700	10600	20800	e4400	e4100	4610	1130	1590	1020	1430
17	e1200	1110	6530	8790	18200	e4900	e4100	4540	1160	1090	974	1150
18	e7500	1050	e10600	8070	14700	e4900	e4400	5510	1080	1010	977	1220
19	e4200	1040	e4100	11100	11100	e4500	e4100	4310	1100	901	967	1040
20	e2250	1080	e1200	16800	6910	e4500	e2800	2980	1200	918	993	941
21	e1200	1060	e3440	12100	9520	e4500	e1980	1730	1180	862	1050	888
22	e2630	997	e1800	13400	e10400	e4600	1290	1070	1190	e1200	894	990
23	e3670	1030	2030	13700	e17300	e5000	1690	1000	1200	e5800	915	1010
24	e1500	1050	5140	14300	e13200	e4800	1020	988	1290	e1200	998	1040
25	e1530	974	3900	14400	e4630	e4800	1530	965	1490	e1300	1020	1060
26	e7200	1050	6620	16100	e1200	e4200	1000	1010	1950	e4800	1020	1060
27	e1920	1440	8160	16400	e2680	e5100	e1200	1220	2110	e3800	1050	1010
28	e8300	4170	5100	19400	e1200	e4100	e1200	1050	1930	e2800	976	981
29	e5500	3380	7330	20900	---	e4600	e1200	1020	1720	e3650	939	1070
30	e5080	1680	12500	19900	---	e4600	e1200	1020	1560	3010	1080	1090
31	e1200	---	17200	20200	---	e4800	---	1020	---	2860	1060	---
TOTAL	74080	46591	182230	450230	418840	220290	101910	115373	39691	53806	31330	30589
MEAN	2390	1553	5878	14520	14960	7106	3397	3722	1323	1736	1011	1020
MAX	8300	4170	17200	20900	22400	16200	5100	12700	2870	5800	1240	1430
MIN	1200	974	1060	8070	1200	4100	1000	965	846	862	869	779

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1999, BY WATER YEAR (WY)

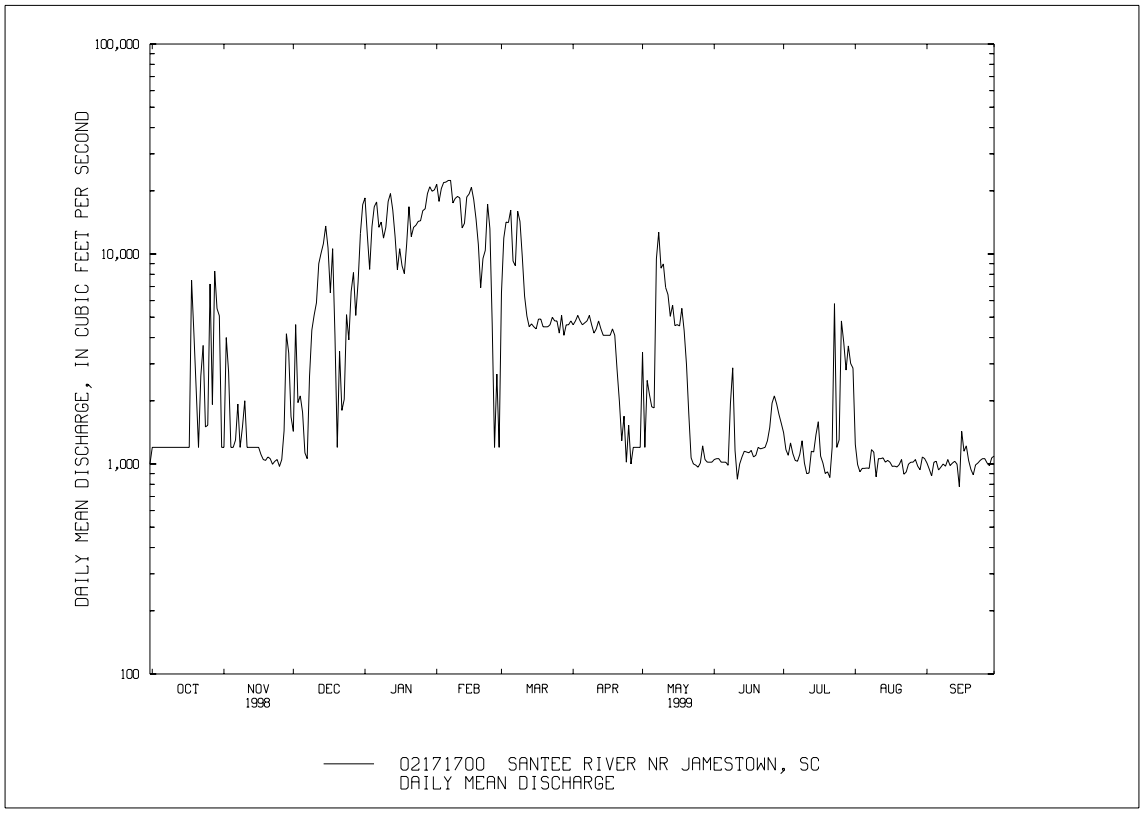
MEAN	9869	9105	14110	16190	17360	22010	14720	9819	5835	4837	7502	7092
MAX	34380	22410	27870	26400	50000	40770	29470	26770	16220	14930	25120	16260
(WY)	1991	1996	1993	1998	1998	1987	1998	1991	1992	1989	1991	1995
MIN	868	1553	5333	3082	3238	3566	2067	1067	843	853	937	1020
(WY)	1994	1999	1989	1989	1989	1988	1988	1988	1988	1988	1988	1999

02171700 SANTEE RIVER NEAR JAMESTOWN, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1987 - 1999	
ANNUAL TOTAL	5767766		1764960			
ANNUAL MEAN	15800		4836		11470	
HIGHEST ANNUAL MEAN					17880	1991
LOWEST ANNUAL MEAN					4081	1988
HIGHEST DAILY MEAN	72500	Feb 10	22400	* Feb 6	89500	Mar 9 1987
LOWEST DAILY MEAN	955	Aug 1	779	Sep 15	460	Nov 13 1986
ANNUAL SEVEN-DAY MINIMUM	1000	Jun 30	967	Aug 17	515	Sep 22 1989
INSTANTANEOUS PEAK STAGE			12.95	Feb 7	32.00	Apr 15 1936
10 PERCENT EXCEEDS	36800		14200		25100	
50 PERCENT EXCEEDS	8700		1760		8600	
90 PERCENT EXCEEDS	1100		996		975	

* Also occurred Feb 7.

e Estimated



02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79 23'05'', Georgetown County, Hydrologic Unit 03050112, abouth 200 ft downstream from U.S. Highway 17, 1.3 mi southwest of North Santee, and at mile 12.9.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Data collection platform. Datum of gage is 3.47 ft below sea level (National Ocean Survey benchmark). Prior to June 11, 1998, gage located about 500 ft upstream at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.95 ft, Feb. 10, 1998; minimum gage height, 0.67 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.06 ft, Feb. 1; minimum gage height, 1.56 ft, Apr. 20.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.63	2.58	4.80	6.97	2.66	4.99	6.31	1.62	3.94	7.49	3.22	5.57
2	7.13	2.57	5.08	7.03	2.59	5.05	6.88	1.60	4.48	7.97	3.75	6.30
3	7.07	2.72	5.06	7.36	2.82	5.23	6.92	1.91	4.42	7.60	3.73	5.82
4	6.96	2.33	4.82	7.19	2.45	5.00	6.73	1.66	4.14	6.96	2.51	4.57
5	7.10	2.42	4.91	7.44	2.54	5.25	6.77	1.67	4.19	6.93	2.76	4.74
6	7.28	2.80	5.27	7.42	2.84	5.14	6.62	1.77	4.05	6.90	3.24	4.91
7	7.38	2.94	5.27	6.91	2.20	4.53	6.37	1.73	3.86	6.29	3.13	4.56
8	7.05	2.45	4.74	6.76	2.09	4.38	6.03	1.75	3.72	6.32	3.34	4.73
9	6.72	1.96	4.32	6.52	2.26	4.30	5.64	1.96	3.87	6.33	3.31	4.90
10	6.73	2.06	4.36	6.43	2.50	4.45	6.36	2.73	4.54	6.15	3.43	4.79
11	6.68	2.18	4.43	5.97	1.85	4.01	6.34	2.96	4.74	6.51	3.19	4.74
12	6.63	2.45	4.53	5.97	2.27	4.02	6.78	3.19	5.14	6.07	3.06	4.53
13	6.71	2.78	4.81	6.29	2.65	4.50	6.83	2.59	4.77	6.37	3.14	4.72
14	6.64	2.84	4.90	6.26	2.52	4.43	6.61	2.56	4.96	6.52	3.17	4.77
15	6.66	2.88	4.81	---	---	---	7.15	3.41	5.40	6.76	3.09	4.76
16	6.71	2.84	4.88	---	---	---	6.58	3.20	4.96	7.02	2.81	5.09
17	6.61	2.80	4.86	---	---	---	6.85	2.75	4.63	7.04	3.09	5.11
18	6.55	2.67	4.69	---	---	---	7.03	2.41	4.82	7.09	2.95	4.89
19	6.60	2.61	4.65	---	---	---	7.25	3.12	5.13	6.76	2.38	4.51
20	6.34	2.19	4.24	---	---	---	6.89	2.71	4.64	6.94	2.71	4.79
21	6.47	2.27	4.38	5.94	1.84	3.82	6.57	2.15	4.30	7.05	3.06	5.00
22	6.08	2.32	4.15	6.31	2.13	4.14	6.40	2.17	4.14	6.97	3.16	5.01
23	6.72	2.68	4.72	6.22	2.19	4.01	6.84	2.37	4.52	7.03	3.43	5.22
24	6.57	2.73	4.56	5.76	1.77	3.61	6.66	2.71	4.64	6.88	3.30	5.23
25	6.25	2.42	4.20	6.22	2.39	4.17	6.71	2.75	4.80	6.86	3.24	5.07
26	6.07	2.34	4.18	5.73	1.87	3.81	6.92	3.20	5.29	6.83	3.55	5.34
27	6.50	2.67	4.48	5.75	1.86	3.68	7.01	3.12	5.30	7.14	3.32	5.32
28	6.61	2.90	4.74	6.16	2.16	4.20	7.17	2.61	5.13	6.85	3.16	4.95
29	6.60	2.80	4.69	6.21	1.93	4.22	7.29	2.64	5.33	7.07	3.13	5.37
30	6.78	2.76	4.89	6.32	1.89	4.11	7.23	2.69	4.90	7.67	4.05	6.08
31	6.96	2.73	4.91	---	---	---	7.44	2.69	5.40	7.92	4.56	6.46
MONTH	7.38	1.96	4.69	7.44	1.77	4.38	7.44	1.60	4.65	7.97	2.38	5.09

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.06	5.08	6.72	---	---	---	6.63	2.45	4.55	7.67	4.33	6.13
2	7.71	5.20	6.47	7.31	2.74	5.35	6.67	2.41	4.41	7.30	3.80	5.85
3	7.19	4.58	5.86	7.42	3.45	5.20	6.79	2.74	4.67	6.98	3.29	5.32
4	7.01	4.42	5.63	6.70	2.41	4.40	6.41	2.69	4.60	6.90	3.23	5.05
5	6.86	4.43	5.66	6.76	3.22	4.98	7.25	2.56	4.78	6.90	2.97	4.88
6	6.78	4.80	5.79	6.51	3.38	4.89	7.30	3.14	5.23	6.60	2.49	4.37
7	6.62	4.83	5.69	6.19	3.11	4.52	6.44	2.65	4.32	6.34	2.74	4.38
8	6.45	4.76	5.57	6.35	3.55	4.92	6.08	2.72	4.25	6.38	2.93	4.45
9	6.96	4.91	5.98	6.63	3.91	5.23	6.37	2.82	4.47	6.19	2.89	4.52
10	6.83	4.56	5.72	6.09	3.68	4.93	6.23	2.69	4.70	6.46	2.83	4.76
11	7.00	4.21	5.70	6.69	3.85	5.28	7.16	2.91	5.45	6.98	3.04	5.17
12	6.65	3.72	5.27	6.63	3.27	5.04	6.68	2.58	4.85	7.13	2.99	5.36
13	6.49	3.22	4.81	6.71	3.39	5.08	7.19	2.92	5.41	7.15	2.42	5.07
14	6.93	3.11	5.11	7.27	3.38	5.85	7.20	2.84	5.28	7.52	2.68	5.26
15	7.08	3.46	5.36	6.67	2.32	4.45	7.40	3.05	5.42	7.63	3.15	5.67
16	7.08	3.51	5.42	7.02	2.49	5.02	6.81	1.81	4.51	7.74	3.18	5.73
17	7.18	3.74	5.57	6.98	2.54	4.86	6.83	1.78	4.27	7.74	3.23	5.73
18	7.35	4.14	5.78	6.74	2.25	4.56	6.75	1.72	4.14	7.68	3.18	5.65
19	7.71	4.35	6.17	7.13	2.21	4.76	6.55	1.81	4.14	7.55	2.71	5.20
20	---	---	---	7.24	2.53	4.85	6.55	1.56	3.80	7.13	3.01	5.05
21	---	---	---	7.23	2.44	4.97	6.08	1.97	4.00	6.88	2.79	4.79
22	---	---	---	6.44	2.08	4.14	6.41	1.87	3.96	6.48	2.52	4.50
23	---	---	---	6.46	2.19	4.17	6.09	1.84	3.89	6.15	2.33	4.34
24	---	---	---	6.54	2.08	4.14	6.29	2.07	4.15	5.94	2.14	4.20
25	---	---	---	6.32	2.31	4.23	6.75	2.99	5.06	6.40	2.16	4.24
26	---	---	---	6.95	3.00	5.09	6.46	2.56	4.69	6.44	2.26	4.37
27	---	---	---	6.88	2.85	4.88	6.61	2.34	4.56	6.81	2.44	4.52
28	---	---	---	6.74	2.49	4.65	6.92	3.08	5.19	6.56	2.38	4.47
29	---	---	---	6.59	2.33	4.60	7.14	3.15	5.19	6.50	2.17	4.23
30	---	---	---	6.92	2.52	4.81	7.64	3.92	6.17	6.57	2.19	4.20
31	---	---	---	6.81	2.66	4.88	---	---	---	6.58	2.34	4.34
MONTH	8.06	3.11	5.70	7.42	2.08	4.82	7.64	1.56	4.67	7.74	2.14	4.90

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.53	2.37	4.31	6.47	2.12	4.12	6.70	2.60	4.68	7.34	3.50	5.72
2	6.27	2.24	4.18	6.45	2.39	4.26	6.65	2.57	4.75	7.46	3.81	5.91
3	6.09	1.99	3.81	6.38	2.28	4.19	7.02	2.88	5.22	7.41	4.10	6.14
4	6.36	2.03	4.01	6.41	2.23	4.19	7.06	3.33	5.33	7.34	3.69	5.82
5	6.49	2.85	4.67	6.15	1.98	4.04	7.02	2.74	5.06	6.90	2.72	5.07
6	6.57	2.58	4.46	6.04	1.95	4.09	7.00	2.49	4.93	7.04	2.69	4.97
7	6.36	2.49	4.50	6.13	1.89	4.06	6.98	2.34	4.83	7.05	2.66	4.96
8	6.36	2.33	4.49	6.37	1.74	4.12	6.98	2.16	4.72	6.98	2.55	4.95
9	6.44	2.12	4.41	6.61	1.69	4.20	7.17	1.96	4.53	7.07	2.81	5.02
10	6.70	1.89	4.38	6.67	1.63	4.16	7.33	2.94	5.31	6.96	2.74	4.97
11	7.55	2.36	5.11	6.97	1.57	4.13	7.17	2.69	5.17	7.02	2.95	5.17
12	7.59	2.80	5.44	7.33	2.51	5.09	7.09	2.65	4.97	7.02	3.41	5.35
13	7.53	2.61	5.27	7.33	2.82	5.27	6.95	2.66	4.91	6.96	3.46	5.31
14	7.31	2.35	5.00	7.29	2.75	5.15	6.65	2.79	4.83	6.91	3.46	5.26
15	7.18	2.27	4.75	7.17	2.73	5.05	6.59	2.55	4.69	7.39	4.17	6.18
16	7.07	2.41	4.74	7.04	2.71	4.96	6.52	2.57	4.53	5.73	2.69	4.21
17	7.07	2.74	4.84	6.85	2.65	4.61	6.31	2.60	4.53	6.68	3.14	4.72
18	7.17	3.26	5.33	6.45	2.39	4.31	6.11	2.56	4.35	6.56	3.22	4.86
19	7.30	3.69	5.56	5.92	2.14	4.03	6.09	2.26	4.11	6.57	3.17	4.83
20	6.92	2.93	4.93	5.64	1.82	3.78	6.22	2.46	4.32	6.82	3.19	5.00
21	6.40	2.62	4.62	6.08	2.09	4.07	6.10	2.17	4.20	7.29	3.51	5.48
22	6.46	2.70	4.70	6.25	2.58	4.47	6.85	2.63	4.71	7.37	3.52	5.58
23	6.77	2.98	4.96	6.24	2.38	4.35	7.08	3.18	5.18	7.43	3.82	5.82
24	6.64	2.77	4.83	6.44	2.49	4.44	6.98	2.87	5.02	7.37	3.65	5.73
25	6.59	2.57	4.59	6.44	2.32	4.37	6.82	2.59	4.85	7.16	3.18	5.49
26	6.42	2.19	4.31	6.52	2.08	4.21	6.74	2.29	4.55	7.03	3.04	5.22
27	6.31	2.10	4.12	6.91	2.49	4.66	6.74	2.28	4.55	7.26	3.02	5.35
28	6.08	1.87	3.83	7.02	2.63	4.90	7.06	2.54	4.78	7.30	3.26	5.52
29	6.34	1.74	3.79	6.82	2.46	4.79	7.34	3.17	5.54	7.41	3.54	5.69
30	6.63	2.09	4.08	6.87	2.74	4.82	7.33	3.29	5.51	7.26	3.13	5.46
31	---	---	---	6.85	2.67	4.82	7.20	3.37	5.49	---	---	---
MONTH	7.59	1.74	4.60	7.33	1.57	4.44	7.34	1.96	4.84	7.46	2.55	5.33
YEAR	8.06	1.56	4.82									

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC

LOCATION.--Lat 33°11'02'', long 79°24'22'', Charleston County, Hydrologic Unit 03050112, near right upstream bank on southbound U.S. Highway 17, 1.5 mi north of South Santee, and 5.5 mi south of North Santee.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data collection platform. Datum of gage is 8.67 ft below sea level (National Oceanic Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta. 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.28 ft, Feb. 10, 1998; minimum gage height, 5.17 ft, Jul. 26, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.26 ft, Sep. 15; minimum gage height, 5.43 ft, Jul. 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.94	6.47	8.93	11.33	6.44	9.10	10.88	5.52	8.13	---	---	---
2	11.50	6.48	9.29	11.42	6.36	9.19	11.23	5.45	8.54	---	---	---
3	11.47	6.64	9.26	11.67	6.51	9.29	11.38	5.69	8.53	---	---	---
4	11.43	6.27	9.04	11.53	6.15	9.06	11.22	5.49	8.26	---	---	---
5	11.52	6.33	9.12	11.85	6.26	9.39	11.27	5.51	8.34	---	---	---
6	11.70	6.62	9.47	11.82	6.63	9.26	11.16	5.69	8.24	---	---	---
7	11.84	6.86	9.49	11.34	6.02	8.64	10.91	5.71	8.06	---	---	---
8	11.52	6.39	8.94	11.17	5.97	8.51	10.59	5.74	7.88	---	---	---
9	11.22	5.89	8.51	10.90	6.15	8.43	9.94	5.77	7.89	---	---	---
10	11.19	6.00	8.53	10.80	6.42	8.58	10.54	6.53	8.54	---	---	---
11	11.12	6.16	8.61	10.30	5.81	8.13	10.54	6.71	8.73	---	---	---
12	11.01	6.43	8.70	10.36	6.26	8.18	10.93	6.85	9.07	---	---	---
13	11.13	6.75	9.00	10.64	6.63	8.65	10.99	6.13	8.66	---	---	---
14	11.01	6.80	9.07	10.66	6.43	8.59	10.75	6.18	8.83	---	---	---
15	11.04	6.84	8.99	10.60	6.20	8.30	11.30	6.96	9.22	10.91	6.35	8.50
16	11.09	6.81	9.07	10.58	6.05	8.38	10.67	6.57	8.75	---	---	---
17	11.01	6.76	9.04	10.61	6.08	8.24	11.00	6.31	8.52	---	---	---
18	10.91	6.61	8.81	10.95	5.95	8.65	11.20	6.01	8.72	11.28	6.52	8.80
19	10.73	6.32	8.59	11.17	6.55	8.75	11.40	6.70	9.02	---	---	---
20	10.61	6.02	8.27	10.85	6.18	8.34	11.08	6.38	8.61	---	---	---
21	10.81	6.12	8.46	10.42	5.88	8.03	10.98	6.05	8.42	11.20	6.48	8.77
22	10.44	6.18	8.26	10.79	6.21	8.37	---	---	---	11.12	6.62	8.82
23	11.00	6.60	8.76	10.70	6.20	8.21	---	---	---	11.20	6.86	9.03
24	10.86	6.62	8.61	10.31	5.87	7.83	---	---	---	11.09	6.53	8.94
25	10.61	6.39	8.29	10.71	6.43	8.39	---	---	---	10.76	6.51	8.73
26	10.39	6.34	8.26	10.17	5.91	7.98	---	---	---	---	---	---
27	10.64	6.46	8.46	10.20	5.90	7.86	---	---	---	---	---	---
28	10.91	6.81	8.80	10.46	5.98	8.27	---	---	---	11.07	6.39	8.63
29	10.76	6.54	8.63	10.57	5.73	8.29	---	---	---	11.16	6.26	8.98
30	10.98	6.47	8.85	10.78	5.73	8.24	---	---	---	---	---	---
31	11.23	6.47	8.92	---	---	---	---	---	---	---	---	---
MONTH	11.84	5.89	8.81	11.85	5.73	8.50	11.40	5.45	8.52	11.28	6.26	8.80

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	10.96	6.27	8.61	12.06	8.02	10.27
2	---	---	---	---	---	---	10.95	6.13	8.46	11.72	7.59	9.98
3	---	---	---	11.55	6.91	8.86	11.07	6.49	8.72	11.40	7.18	9.49
4	---	---	---	---	---	---	10.75	6.62	8.68	11.32	7.24	9.24
5	---	---	---	---	---	---	11.58	6.31	8.88	11.28	7.02	9.11
6	---	---	---	---	---	---	11.59	7.12	9.34	11.05	6.65	8.63
7	10.54	7.42	8.93	---	---	---	10.72	6.73	8.45	10.80	6.50	8.45
8	10.25	7.29	8.73	---	---	---	10.38	6.74	8.40	10.67	6.60	8.38
9	10.92	7.77	9.39	---	---	---	10.72	6.86	8.63	10.40	6.50	8.43
10	10.92	7.53	9.20	---	---	---	10.51	6.65	8.85	10.69	6.43	8.67
11	11.19	7.26	9.31	10.79	7.44	9.11	11.44	6.83	9.58	11.21	6.70	9.15
12	10.88	6.57	8.91	10.77	6.98	8.97	11.07	6.46	8.97	11.45	6.61	9.37
13	---	---	---	10.87	7.22	9.10	11.61	6.79	9.57	11.59	6.15	9.13
14	---	---	---	11.47	7.25	9.95	11.65	6.67	9.43	11.97	6.36	9.31
15	---	---	---	10.89	6.06	8.58	11.92	6.80	9.62	12.06	6.78	9.72
16	---	---	---	11.33	6.25	9.11	11.39	5.71	8.64	12.16	6.88	9.80
17	---	---	---	11.30	6.32	8.93	11.38	5.68	8.43	12.14	6.95	9.80
18	11.58	7.06	9.43	11.08	6.04	8.61	11.27	5.58	8.27	11.88	6.91	9.69
19	---	---	---	11.46	5.90	8.81	11.08	5.70	8.26	11.83	6.52	9.24
20	---	---	---	11.57	6.31	8.90	11.00	5.65	7.97	11.52	6.84	9.15
21	---	---	---	11.43	6.17	9.01	10.72	5.89	8.23	11.27	6.66	8.94
22	---	---	---	10.79	5.92	8.17	11.07	6.01	8.25	10.95	6.49	8.71
23	---	---	---	10.84	6.04	8.21	10.69	6.00	8.16	10.63	6.44	8.59
24	---	---	---	10.82	6.00	8.20	10.89	6.14	8.52	10.54	6.24	8.47
25	---	---	---	10.62	6.13	8.30	11.22	6.91	9.34	10.90	6.28	8.51
26	---	---	---	11.25	6.79	9.14	11.04	6.64	9.02	10.89	6.32	8.62
27	---	---	---	11.17	6.53	8.94	11.18	6.47	8.93	11.26	6.41	8.76
28	11.32	6.60	8.84	11.04	6.28	8.73	11.39	6.98	9.48	11.07	6.43	8.71
29	---	---	---	10.96	6.13	8.69	11.70	7.13	9.51	10.98	6.26	8.48
30	---	---	---	11.24	6.27	8.92	12.03	7.79	10.37	11.01	6.25	8.44
31	---	---	---	11.16	6.57	8.98	---	---	---	11.02	6.41	8.56
MONTH	11.58	6.57	9.09	11.57	5.90	8.83	12.03	5.58	8.85	12.16	6.15	9.03

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.97	6.46	8.53	10.93	6.17	8.32	10.92	6.37	8.70	11.74	7.24	9.82
2	10.75	6.34	8.40	10.93	6.41	8.45	11.03	6.30	8.80	11.83	7.58	10.02
3	10.38	6.11	8.03	10.83	6.22	8.38	11.29	6.59	9.28	12.17	7.88	10.31
4	10.85	6.04	8.23	10.83	6.19	8.37	11.35	7.00	9.38	11.76	7.47	9.91
5	10.91	6.80	8.85	10.62	5.91	8.22	11.36	6.47	9.13	11.33	6.58	9.21
6	10.92	6.54	8.63	10.59	5.98	8.27	11.37	6.27	9.03	11.47	6.56	9.14
7	10.80	6.50	8.68	10.68	5.91	8.23	11.38	6.17	8.96	11.48	6.47	9.13
8	10.83	6.31	8.67	10.98	5.70	8.34	11.43	6.02	8.87	11.42	6.37	9.10
9	10.81	5.91	8.46	11.06	5.54	8.36	11.66	5.78	8.66	11.50	6.62	9.18
10	11.14	5.75	8.52	11.16	5.49	8.28	11.83	6.79	9.48	11.38	6.52	9.11
11	12.03	6.22	9.33	11.45	5.43	8.25	11.55	6.43	9.26	11.39	6.76	9.34
12	12.07	6.60	9.62	11.94	6.27	9.22	11.46	6.37	9.05	11.40	7.24	9.51
13	12.03	6.45	9.46	11.84	6.56	9.41	11.31	6.41	8.99	11.30	7.31	9.45
14	11.78	6.18	9.17	11.71	6.57	9.27	10.98	6.56	8.90	11.26	7.36	9.41
15	11.63	6.15	8.92	11.54	6.51	9.15	10.96	6.34	8.75	12.26	8.13	10.22
16	11.54	6.29	8.91	11.20	6.43	9.01	10.84	6.36	8.57	10.11	6.44	8.22
17	11.56	6.58	8.97	11.08	6.45	8.70	10.58	6.40	8.57	10.99	7.22	8.84
18	11.58	7.12	9.47	10.85	6.22	8.41	10.44	6.46	8.41	10.85	7.18	8.97
19	11.64	7.50	9.65	10.35	6.04	8.16	10.48	6.27	8.24	10.87	7.19	8.96
20	11.22	6.85	9.02	10.03	5.82	7.92	10.58	6.41	8.47	11.17	7.22	9.15
21	10.73	6.57	8.75	10.50	6.04	8.21	10.43	6.20	8.33	11.63	7.50	9.65
22	10.84	6.67	8.85	10.62	6.56	8.60	11.22	6.61	8.86	11.77	7.35	9.71
23	11.14	7.00	9.12	10.68	6.46	8.50	11.45	7.13	9.36	11.87	7.66	9.96
24	11.00	6.79	8.99	10.73	6.37	8.50	11.31	6.89	9.18	11.78	7.45	9.86
25	11.05	6.70	8.84	10.80	6.28	8.48	11.20	6.44	8.95	11.57	6.97	9.62
26	10.93	6.29	8.57	10.93	6.05	8.33	11.20	6.22	8.70	11.46	6.82	9.38
27	10.79	6.17	8.32	11.19	6.27	8.64	11.19	6.17	8.71	11.68	6.82	9.53
28	10.63	6.01	8.07	11.23	6.36	8.85	11.48	6.33	8.92	11.76	7.05	9.67
29	10.85	5.78	8.03	11.13	6.20	8.76	11.67	7.00	9.67	11.83	7.32	9.81
30	11.11	6.16	8.30	11.12	6.39	8.76	11.68	7.07	9.56	11.62	6.89	9.54
31	---	---	---	11.14	6.40	8.75	11.56	7.10	9.57	---	---	---
MONTH	12.07	5.75	8.78	11.94	5.43	8.55	11.83	5.78	8.95	12.26	6.37	9.46
YEAR	12.26	5.43	8.84									

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

PERIOD OF RECORD.--March 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below sea level (National Ocean Survey benchmark). Prior to Mar. 4, 1987 at site 2.1 mi downstream, at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.68 ft, Oct. 8, 1996, but may have been higher during period of no gage-height record Sep. 21-22, 1989; minimum gage height, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.12 ft, Sep. 15; minimum gage height, 18.14 ft, Apr. 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.67	19.16	21.57	24.11	19.17	21.80	23.58	18.22	20.85	24.41	18.95	21.88
2	24.24	19.43	21.95	24.18	19.08	21.89	23.97	18.15	21.22	24.94	19.42	22.69
3	24.20	19.32	21.90	24.46	19.20	21.95	24.14	18.36	21.21	24.59	19.35	22.01
4	24.16	18.90	21.66	24.36	18.82	21.74	23.96	18.17	20.95	23.75	18.34	20.85
5	24.26	18.98	21.76	24.71	18.96	22.09	24.00	18.16	21.01	23.69	18.59	21.03
6	24.46	19.26	22.10	24.66	19.34	21.93	23.87	18.38	20.92	23.72	19.11	21.18
7	24.58	19.44	22.06	24.10	18.73	21.33	23.62	18.43	20.75	23.13	18.97	20.83
8	24.23	19.01	21.54	23.89	18.69	21.21	23.24	18.46	20.57	23.09	19.28	21.07
9	23.92	18.52	21.16	23.61	18.86	21.13	22.56	18.46	20.56	23.14	19.26	21.27
10	23.87	18.67	21.18	23.47	19.17	21.27	23.23	19.26	21.22	23.00	19.58	21.26
11	23.78	18.84	21.26	22.97	18.54	20.82	23.19	19.45	21.42	23.31	19.16	21.10
12	23.65	19.13	21.36	23.03	19.01	20.90	23.60	19.55	21.73	22.85	18.96	20.87
13	23.78	19.46	21.65	23.34	19.39	21.37	23.66	18.78	21.29	23.12	18.99	20.98
14	23.64	19.51	21.72	23.32	19.08	21.29	23.40	18.92	21.50	23.31	18.92	21.04
15	23.68	19.53	21.64	23.28	18.96	21.01	24.05	19.64	21.91	23.58	18.88	21.06
16	23.74	19.52	21.73	23.24	18.80	21.09	23.37	19.22	21.41	23.85	18.79	21.51
17	23.67	19.43	21.70	23.27	18.85	20.96	23.71	19.01	21.17	23.91	19.16	21.59
18	23.61	19.31	21.50	23.66	18.70	21.36	23.90	18.66	21.35	23.96	19.07	21.35
19	23.41	19.03	21.27	23.89	19.32	21.45	24.11	19.34	21.64	23.61	18.52	20.96
20	23.30	18.72	20.96	23.52	18.93	21.04	23.77	19.02	21.26	23.75	18.76	21.17
21	23.55	18.87	21.18	23.09	18.64	20.76	23.69	18.75	21.10	23.85	19.00	21.34
22	23.19	18.96	21.01	23.47	18.98	21.09	23.44	18.73	20.88	23.76	19.17	21.38
23	23.76	19.40	21.49	23.36	18.95	20.92	23.98	19.09	21.39	23.82	19.42	21.57
24	23.58	19.41	21.33	22.98	18.63	20.56	23.63	19.11	21.30	23.75	18.93	21.43
25	23.32	19.17	21.02	23.33	19.18	21.10	23.85	19.28	21.53	23.66	18.94	21.30
26	23.08	19.12	20.98	22.80	18.66	20.68	23.86	19.45	21.89	23.63	19.33	21.61
27	23.32	19.20	21.17	22.87	18.66	20.58	23.90	19.27	21.82	24.01	18.80	21.56
28	23.63	19.60	21.51	23.08	18.69	20.95	24.16	18.98	21.74	23.67	18.80	21.13
29	23.45	19.28	21.32	23.24	18.44	20.96	24.28	19.08	21.92	23.87	18.65	21.54
30	23.69	19.18	21.53	23.49	18.36	20.93	24.20	18.76	21.37	24.57	19.44	22.26
31	23.98	19.20	21.60	---	---	---	24.39	18.65	21.80	24.81	19.86	22.63
MONTH	24.58	18.52	21.48	24.71	18.36	21.21	24.39	18.15	21.31	24.94	18.34	21.40

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	24.96	20.29	22.88	23.73	18.35	21.24	23.49	18.78	21.11	24.76	20.53	22.78
2	24.54	20.10	22.38	24.18	18.98	21.85	23.54	18.66	20.99	24.36	20.11	22.46
3	24.03	19.40	21.68	24.22	19.44	21.51	23.67	18.98	21.26	24.05	19.78	22.02
4	23.80	19.32	21.45	23.36	18.30	20.73	23.32	19.23	21.24	23.97	19.80	21.80
5	23.64	19.58	21.57	23.43	19.02	21.24	24.24	18.90	21.47	23.77	19.64	21.67
6	23.44	19.89	21.64	23.18	19.22	21.14	24.23	19.72	21.89	23.61	19.28	21.21
7	23.16	19.83	21.45	22.85	18.86	20.77	23.31	19.37	21.05	23.42	19.11	21.03
8	22.90	19.74	21.26	23.29	19.57	21.30	22.99	19.36	21.01	23.22	19.21	20.96
9	23.62	20.29	21.94	23.37	20.06	21.61	23.29	19.50	21.23	23.00	19.10	21.03
10	23.57	20.03	21.75	22.85	19.78	21.34	23.08	19.30	21.46	23.28	19.03	21.25
11	23.84	19.73	21.84	23.46	20.04	21.69	24.11	19.50	22.15	23.88	19.30	21.74
12	23.47	18.87	21.44	23.43	19.61	21.57	23.74	19.11	21.59	24.15	19.20	21.95
13	23.34	18.60	21.00	23.50	19.86	21.71	24.28	19.45	22.15	24.31	18.74	21.73
14	23.82	18.80	21.52	24.20	19.98	22.51	24.33	19.24	21.98	24.80	18.92	21.90
15	24.01	19.12	21.64	23.51	18.66	21.15	24.60	19.34	22.14	24.88	19.38	22.31
16	23.97	19.05	21.62	23.99	18.82	21.68	24.03	18.28	21.17	25.00	19.47	22.37
17	24.10	19.10	21.68	23.97	18.83	21.47	24.04	18.24	20.98	24.97	19.52	22.36
18	24.29	19.44	21.90	23.70	18.53	21.15	23.90	18.14	20.83	24.66	19.47	22.23
19	24.63	19.79	22.43	24.13	18.41	21.37	23.64	18.25	20.81	24.37	19.13	21.79
20	24.42	20.09	22.43	24.24	18.82	21.44	23.38	18.20	20.51	24.24	19.45	21.74
21	24.42	19.85	22.21	23.84	18.74	21.52	23.30	18.45	20.79	23.97	19.33	21.55
22	24.22	19.77	22.11	23.42	18.48	20.73	23.63	18.60	20.81	23.63	19.18	21.35
23	24.30	19.68	22.10	23.42	18.59	20.75	23.23	18.62	20.72	23.27	19.12	21.23
24	24.35	19.50	22.09	23.40	18.57	20.73	23.44	18.71	21.10	23.13	18.93	21.10
25	24.24	19.29	22.01	23.20	18.71	20.85	23.83	19.57	21.89	23.51	18.94	21.15
26	24.03	19.37	21.98	23.87	19.40	21.71	23.61	19.26	21.59	23.51	18.97	21.27
27	24.13	19.36	21.84	23.80	18.98	21.50	23.72	19.09	21.52	23.91	19.10	21.41
28	24.03	19.18	21.45	23.65	18.92	21.30	24.01	19.59	22.05	23.70	19.10	21.35
29	---	---	---	23.56	18.68	21.26	24.34	19.76	22.10	23.62	18.92	21.13
30	---	---	---	23.87	18.82	21.48	24.69	20.41	22.95	23.68	18.96	21.10
31	---	---	---	23.75	19.07	21.51	---	---	---	23.68	19.11	21.23
MONTH	24.96	18.60	21.83	24.24	18.30	21.35	24.69	18.14	21.42	25.00	18.74	21.62

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.64	19.16	21.21	---	---	---	23.74	19.21	21.48	24.59	20.05	22.52
2	23.41	19.06	21.08	---	---	---	23.92	19.11	21.58	24.63	20.38	22.71
3	23.00	18.84	20.72	23.46	18.93	21.03	24.08	19.41	22.04	24.97	20.64	22.98
4	23.52	18.76	20.91	23.46	18.88	21.02	24.16	19.83	22.10	24.55	20.22	22.57
5	23.55	19.52	21.51	23.24	18.65	20.87	24.11	19.28	21.85	24.04	19.33	21.88
6	23.58	19.23	21.27	23.11	18.63	20.92	24.13	19.06	21.73	24.19	19.29	21.82
7	23.42	19.21	21.34	23.29	18.61	20.90	24.12	18.93	21.66	24.20	19.20	21.82
8	23.45	19.03	21.31	23.53	18.38	20.96	24.18	18.75	21.57	24.15	19.10	21.78
9	23.44	18.59	21.09	23.76	18.30	21.04	24.46	18.53	21.38	24.25	19.39	21.87
10	23.80	18.44	21.19	23.91	18.26	21.04	24.69	19.49	22.18	24.11	19.26	21.80
11	24.78	18.93	22.00	24.25	18.20	21.03	24.37	19.22	21.99	24.10	19.50	22.02
12	24.84	19.27	22.25	24.75	19.06	21.98	24.28	19.18	21.79	24.10	20.00	22.17
13	24.79	19.10	22.08	24.65	19.31	22.05	24.12	19.22	21.74	23.99	20.06	22.12
14	24.51	18.84	21.79	24.49	19.19	21.91	23.73	19.38	21.65	23.96	20.11	22.09
15	24.38	18.83	21.55	24.31	19.21	21.80	23.67	19.15	21.52	25.12	20.83	22.94
16	24.26	18.99	21.54	23.94	19.19	21.67	23.45	19.16	21.33	22.73	19.02	20.94
17	24.29	19.29	21.62	23.68	19.17	21.39	23.32	19.24	21.36	23.68	19.92	21.49
18	24.28	19.80	22.10	23.51	18.97	21.11	23.16	19.29	21.19	23.53	19.92	21.65
19	---	---	---	23.01	18.79	20.86	23.10	19.05	20.97	23.58	19.92	21.64
20	---	---	---	22.72	18.61	20.64	23.23	19.19	21.18	23.90	19.96	21.81
21	---	---	---	23.15	18.82	20.94	23.08	19.00	21.04	24.39	20.36	22.32
22	---	---	---	23.34	19.36	21.32	23.90	19.41	21.57	24.58	20.13	22.41
23	---	---	---	23.35	19.22	21.20	24.16	19.86	22.03	24.67	20.36	22.63
24	---	---	---	23.42	19.12	21.18	24.04	19.57	21.84	---	---	---
25	---	---	---	23.52	19.05	21.21	23.94	19.23	21.68	---	---	---
26	---	---	---	23.67	18.87	21.08	23.91	18.94	21.40	---	---	---
27	---	---	---	24.01	19.09	21.41	23.89	18.91	21.40	---	---	---
28	---	---	---	24.06	19.19	21.62	24.24	19.11	21.65	---	---	---
29	---	---	---	23.96	19.05	21.54	24.63	19.74	22.40	---	---	---
30	---	---	---	23.95	19.20	21.54	24.55	19.85	22.28	---	---	---
31	---	---	---	23.95	19.18	21.51	24.36	19.89	22.29	---	---	---
MONTH	24.84	18.44	21.48	24.75	18.20	21.27	24.69	18.53	21.67	25.12	19.02	22.09
YEAR	25.12	18.14	21.50									

02172000 LAKE MOULTRIE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northeast of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1941 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Data collection platform. Datum of gage is sea level (levels by South Carolina Public Service Authority). Prior to May 16, 1942, and Feb. 25 to Dec. 14, 1970, nonrecording gage, and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 32,400,000,000 ft^3 between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft^3. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 78.30 ft, Sept. 21, 1989 (affected by high winds); minimum elevation, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 74.99 ft, May. 6; minimum elevation, 72.65 ft, Jan. 12.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.95	73.89	74.14	73.31	73.13	74.02	73.70	74.27	74.44	74.22	74.60	73.35
2	73.93	73.75	74.23	73.18	73.31	73.75	73.71	74.28	74.39	74.29	74.50	73.26
3	74.02	73.75	74.21	73.51	73.25	73.65	73.61	74.50	74.41	74.29	74.46	73.18
4	74.06	73.89	74.10	73.23	73.35	73.41	73.67	74.69	74.33	74.33	74.38	73.21
5	74.03	73.93	74.27	72.93	73.26	73.20	73.64	74.87	74.32	74.29	74.29	73.05
6	73.98	73.83	74.27	72.84	73.17	73.35	73.81	74.86	74.29	74.31	74.26	73.01
7	73.96	73.75	74.30	72.96	73.45	73.42	73.70	74.74	74.21	74.25	74.22	72.95
8	74.07	73.83	74.11	72.90	73.75	72.98	73.70	74.80	74.11	74.27	74.23	72.90
9	74.17	73.85	74.09	73.46	73.71	72.87	73.77	74.75	74.09	74.26	74.16	72.89
10	74.27	73.83	74.00	73.01	73.75	72.90	73.71	74.69	74.07	74.25	74.09	72.87
11	74.38	73.93	73.71	72.74	73.95	73.01	73.72	74.69	74.01	74.29	74.05	72.81
12	74.47	73.93	73.59	72.69	74.09	73.10	73.80	74.79	73.99	74.43	74.01	72.76
13	74.49	73.82	73.52	72.85	74.05	73.18	73.75	74.78	73.93	74.48	73.89	72.75
14	74.52	73.93	73.39	72.87	73.76	73.13	73.71	74.74	73.87	74.53	73.91	72.76
15	74.61	74.01	73.31	72.89	73.43	73.22	73.73	74.69	73.98	74.44	73.91	73.59
16	74.51	74.03	73.46	73.05	73.21	73.31	73.67	74.63	74.08	74.49	73.88	72.98
17	74.63	74.03	73.48	73.00	73.44	73.38	73.73	74.58	74.17	74.47	73.79	72.90
18	74.33	74.03	73.34	73.10	73.38	73.33	73.69	74.53	74.01	74.51	73.70	72.85
19	74.31	74.03	73.53	72.89	73.68	73.31	73.55	74.60	74.14	74.51	73.72	72.84
20	74.37	74.00	73.72	72.73	73.58	73.41	73.56	74.63	74.18	74.51	73.73	72.83
21	74.44	74.05	73.77	72.90	73.53	73.53	73.55	74.53	74.11	74.52	73.75	72.87
22	74.37	74.21	73.86	72.81	73.39	73.51	73.50	74.59	74.08	74.58	73.65	72.85
23	74.25	74.22	73.66	72.92	73.03	73.43	73.55	74.56	74.06	74.41	73.59	72.78
24	74.27	74.23	73.76	73.25	73.05	73.45	73.50	74.63	73.97	74.53	73.55	72.78
25	74.27	74.29	73.55	73.16	73.41	73.59	73.58	74.56	73.88	74.57	73.45	72.75
26	74.08	74.35	73.59	73.24	73.58	73.53	73.61	74.63	73.95	74.53	73.45	72.72
27	74.17	74.19	73.74	73.27	73.78	73.60	73.63	74.65	74.00	74.49	73.40	72.74
28	73.87	74.20	73.63	73.07	74.09	73.75	73.78	74.49	74.07	74.48	73.47	72.91
29	73.86	74.21	73.64	73.15	---	73.72	73.86	74.49	74.18	74.49	73.79	73.26
30	73.77	74.25	73.46	73.19	---	73.63	74.22	74.55	74.30	74.41	73.53	73.27
31	73.87	---	73.21	73.02	---	73.58	---	74.47	---	74.55	73.49	---
MAX	74.63	74.35	74.30	73.51	74.09	74.02	74.22	74.87	74.44	74.58	74.60	73.59
MIN	73.77	73.75	73.21	72.69	73.03	72.87	73.50	74.27	73.87	74.22	73.40	72.72
(+)	25.50	26.40	23.94	23.49	26.02	24.82	26.33	26.92	26.52	27.11	24.60	24.08
(*)	0	+347	-918	-168	+1046	-448	+583	+220	-154	+220	-937	-201

CAL YR 1998 * -69.8 MAX 75.44 MIN 73.21
WTR YR 1999 * -45.0 MAX 74.87 MIN 72.69

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwest of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year. Data prior to October 1988 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 5.00 ft below sea level. Prior to Mar. 17, 1986, at same site at datum 5.00 ft lower.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.67 ft, June 26, 1991; minimum gage height, 1.78 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.37 ft, Sep. 24; minimum gage height, 3.67 ft, Mar. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.50	5.92	8.07	9.40	5.41	7.36	9.59	4.18	7.07	10.70	4.98	7.54
2	9.61	5.54	7.40	10.43	5.44	7.98	8.99	4.22	6.79	10.63	5.28	7.84
3	8.58	5.40	7.21	10.46	5.68	8.03	10.15	4.01	7.36	9.38	6.44	8.20
4	10.13	5.46	7.57	9.17	5.41	7.33	10.36	4.42	8.11	8.72	5.47	7.49
5	9.79	5.44	8.10	9.14	5.39	7.81	8.25	4.03	6.37	8.69	6.03	7.37
6	10.82	5.65	8.47	10.38	6.88	8.81	9.10	3.74	6.97	8.71	5.63	7.37
7	10.76	6.12	8.61	9.25	5.70	7.93	8.34	4.03	6.76	8.80	4.53	6.93
8	10.69	5.68	8.31	8.93	4.62	7.01	9.75	4.23	7.30	8.63	4.86	6.78
9	10.01	5.19	7.72	9.55	4.52	7.20	8.67	4.14	6.53	7.72	4.36	6.30
10	9.45	4.47	7.19	9.56	4.93	7.22	9.67	5.09	7.52	9.80	4.61	7.64
11	10.63	4.68	7.04	9.33	4.85	7.19	9.79	5.89	8.18	10.41	5.17	7.19
12	10.08	4.51	7.13	9.69	5.04	7.08	10.34	5.89	7.58	9.80	4.96	6.98
13	11.15	5.13	7.71	11.27	5.12	8.22	9.46	5.36	7.29	9.25	4.48	6.46
14	10.84	5.53	8.29	9.80	5.08	7.11	10.14	4.78	7.24	9.45	4.23	6.65
15	9.36	6.02	7.60	8.48	4.71	6.70	10.31	5.94	8.57	10.22	4.39	7.25
16	12.14	5.71	8.59	9.64	4.57	6.92	9.73	4.89	6.95	9.44	4.46	6.80
17	8.44	5.43	7.20	9.59	4.69	7.10	8.88	4.69	6.83	9.31	4.64	6.97
18	10.87	5.16	8.33	9.36	4.31	7.07	8.86	3.80	6.62	9.22	4.91	7.09
19	10.69	5.52	8.08	9.52	5.12	7.80	8.39	4.69	6.53	9.37	6.05	7.91
20	9.50	4.40	6.83	9.73	4.98	7.75	8.42	4.48	6.72	9.30	5.57	7.36
21	9.35	4.53	6.84	8.43	4.46	6.81	8.09	4.87	6.72	8.47	4.66	6.96
22	9.83	4.93	7.55	7.86	4.46	6.28	8.21	5.30	6.99	9.69	6.39	7.65
23	9.76	5.57	7.71	9.00	4.42	7.04	9.80	5.72	7.79	10.16	5.20	7.71
24	9.77	4.97	7.01	9.32	3.83	7.01	---	---	---	9.07	5.70	7.71
25	9.41	5.28	7.02	8.63	4.37	6.86	10.49	5.89	8.42	9.94	5.63	7.48
26	9.73	5.73	7.48	8.98	4.22	7.09	9.26	5.84	7.82	10.12	5.21	7.54
27	---	---	---	9.85	5.64	7.86	10.69	5.81	7.90	10.29	5.66	7.46
28	10.11	5.83	7.95	9.75	5.00	7.18	9.98	5.45	7.49	10.10	5.04	7.71
29	11.33	5.76	7.67	9.72	4.39	6.82	9.99	5.67	8.13	9.30	4.86	6.87
30	10.76	5.39	7.88	9.32	4.34	6.63	10.09	4.99	7.49	9.62	4.64	7.59
31	8.63	5.62	7.17	---	---	---	9.34	5.45	7.53	11.05	5.54	8.58
MONTH	12.14	4.40	7.66	11.27	3.83	7.31	10.69	3.74	7.32	11.05	4.23	7.33

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.07	6.90	8.70	9.41	3.67	6.71	8.93	5.29	7.28	11.94	6.98	8.76
2	10.16	6.30	8.22	10.38	5.28	7.90	9.74	4.61	7.15	11.63	7.13	8.63
3	8.45	5.93	7.49	10.33	6.20	8.21	10.19	5.37	7.95	11.16	6.08	8.26
4	8.20	4.79	6.60	10.19	5.37	7.37	10.70	5.69	7.43	9.46	6.05	7.74
5	9.00	5.34	7.16	10.38	5.43	7.59	9.64	5.59	7.35	9.12	6.04	7.68
6	9.63	5.70	7.85	9.13	4.91	6.84	8.68	5.40	7.13	11.04	6.28	8.06
7	8.96	4.88	6.86	9.97	4.17	6.55	11.06	5.82	8.07	10.09	6.09	7.56
8	8.77	4.56	6.46	10.96	5.67	8.20	9.59	5.86	7.20	8.25	4.47	6.83
9	10.70	4.87	7.93	10.07	5.81	7.69	8.19	5.87	7.10	10.32	4.78	7.17
10	9.06	5.94	7.25	10.54	5.26	7.46	8.55	5.83	7.14	10.65	5.33	7.79
11	8.83	5.33	7.33	10.82	5.32	7.12	10.64	6.17	8.23	10.58	5.50	7.45
12	10.22	5.22	7.74	10.56	5.43	7.04	8.32	5.79	7.19	10.79	5.70	7.61
13	9.48	4.49	6.31	7.92	4.86	6.56	11.64	5.25	7.42	10.56	5.71	8.14
14	11.44	3.82	7.73	10.54	5.19	8.37	10.89	5.53	7.64	9.21	5.44	7.54
15	10.96	5.47	7.66	10.25	4.84	7.71	9.66	5.68	7.65	10.26	5.72	7.86
16	10.62	5.33	7.65	10.10	4.76	7.17	10.23	5.83	7.83	9.61	6.06	8.14
17	8.40	5.15	7.01	8.48	4.91	6.91	9.28	4.76	6.99	9.69	6.15	8.26
18	10.04	5.10	7.26	10.60	5.04	7.57	8.58	4.61	6.81	9.77	6.48	8.21
19	9.98	5.58	7.81	9.08	5.42	7.80	10.09	4.87	7.44	9.15	5.98	7.81
20	9.14	5.77	7.83	8.70	4.97	7.20	10.70	4.53	7.29	8.96	5.57	7.56
21	9.93	6.09	7.97	9.50	5.35	7.33	11.15	4.11	6.93	10.37	5.62	8.13
22	10.58	5.95	8.05	9.81	4.73	7.06	8.70	5.76	7.11	8.46	5.23	7.29
23	11.93	6.28	8.86	10.73	5.07	7.61	8.93	4.53	7.05	10.09	5.40	7.80
24	10.55	6.04	8.01	10.33	4.80	7.14	9.79	4.31	6.46	9.92	5.51	7.42
25	11.35	5.40	7.44	10.83	5.08	7.11	9.48	5.11	7.13	9.79	5.02	7.24
26	11.15	4.99	7.61	11.38	4.97	8.20	11.13	5.36	7.18	9.95	5.25	7.15
27	9.81	5.49	7.28	10.43	5.17	7.10	10.35	5.07	7.25	9.59	5.32	6.90
28	8.48	5.09	6.75	8.13	4.67	6.44	8.87	5.67	7.62	10.79	5.35	8.08
29	---	---	---	10.39	4.30	6.93	9.52	5.66	7.70	8.33	5.52	7.21
30	---	---	---	10.21	4.90	7.54	10.35	6.44	8.14	8.30	4.41	6.41
31	---	---	---	10.69	5.52	8.06	---	---	---	9.28	5.02	7.31
MONTH	11.93	3.82	7.53	11.38	3.67	7.37	11.64	4.11	7.36	11.94	4.41	7.68

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.49	5.32	7.39	10.17	4.92	7.85	10.04	6.18	7.71	11.19	6.86	8.93
2	9.84	5.31	7.91	10.44	5.17	7.61	10.22	6.23	8.25	11.11	7.18	9.13
3	9.27	5.05	7.47	8.97	6.05	7.08	11.31	6.33	8.44	11.57	7.27	9.09
4	9.80	4.51	7.52	10.52	6.17	7.78	11.28	6.63	8.65	9.92	7.31	8.70
5	9.78	5.21	7.31	9.52	5.99	7.66	10.54	6.66	8.51	10.86	6.65	8.49
6	10.09	5.47	7.43	9.92	6.00	7.18	10.61	6.40	7.84	9.96	6.26	8.00
7	10.98	5.65	7.59	10.79	6.06	7.27	9.36	5.96	7.69	9.84	5.85	7.81
8	10.12	6.22	8.04	10.33	6.09	7.20	11.42	5.76	7.69	9.34	5.89	7.89
9	9.32	5.96	7.35	8.41	5.94	6.98	10.09	5.05	7.26	10.20	6.06	8.37
10	9.03	6.00	7.25	10.05	6.04	7.33	9.29	6.36	7.71	9.76	6.18	7.92
11	10.77	5.95	7.49	9.69	6.08	7.42	11.51	6.22	8.33	9.32	6.07	7.72
12	11.18	6.20	8.62	9.72	5.86	7.48	11.35	6.45	7.99	9.77	6.15	7.82
13	11.17	6.17	8.48	9.10	5.94	7.66	11.72	5.78	8.18	9.57	6.12	7.89
14	9.54	6.08	7.95	10.23	5.88	7.92	10.76	5.95	7.75	9.26	5.93	7.73
15	9.19	5.83	7.44	10.48	5.82	8.16	10.92	5.63	7.53	10.01	5.77	7.92
16	9.15	5.44	7.49	9.29	6.12	7.85	8.34	5.66	7.25	8.83	4.81	6.82
17	8.85	5.45	7.38	9.33	6.00	7.76	9.30	6.05	7.56	10.25	4.83	7.19
18	10.13	6.47	8.48	9.55	6.09	7.47	9.75	6.14	7.83	11.01	5.10	7.28
19	9.43	6.32	8.03	9.61	6.02	7.34	8.01	5.19	6.85	8.96	5.96	7.39
20	8.55	5.44	7.43	8.93	6.09	7.23	10.84	5.00	7.59	9.32	5.20	7.20
21	10.21	4.84	7.36	9.08	6.10	7.01	9.44	5.61	7.08	11.59	5.55	7.60
22	10.72	5.68	7.53	8.26	5.88	7.05	9.80	5.08	6.91	11.20	5.75	7.81
23	9.33	6.05	7.69	10.72	6.00	7.74	10.15	5.81	7.46	11.54	6.11	8.18
24	10.48	6.05	7.99	8.52	5.95	7.16	8.96	6.08	7.84	13.37	6.46	8.49
25	11.13	5.95	7.90	9.63	6.12	7.16	11.76	5.88	8.28	10.73	6.28	8.09
26	10.88	5.95	7.64	9.29	6.12	7.12	11.67	5.76	7.82	11.77	5.92	7.93
27	10.15	4.19	6.84	8.78	6.11	7.43	10.78	5.38	7.54	10.52	6.04	7.95
28	10.05	4.84	7.21	10.20	6.19	7.80	9.09	5.48	7.43	9.27	6.47	8.05
29	8.54	4.04	6.39	10.66	6.13	7.70	8.85	5.82	7.36	11.38	6.22	8.42
30	9.17	4.72	6.62	10.48	6.13	7.82	9.62	5.84	7.90	9.42	5.79	7.99
31	---	---	---	8.76	6.01	7.37	10.13	5.91	8.27	---	---	---
MONTH	11.18	4.04	7.57	10.79	4.92	7.47	11.76	5.00	7.76	13.37	4.81	7.99
YEAR	13.37	3.67	7.53									

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC

LOCATION.--Lat 33°12'54'', long 79°58'29'', Berkeley County, Hydrologic Unit 03050201, on upstream side of left fender pier, under U.S. Highway 52 bridge, 2.2 mi below Lake Moultrie Pinopolis Dam, and at mile 45.8

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to current year.

REVISED RECORDS.--WRD SC-95-1: 1992-94.

GAGE.--Two gages are used for computation of discharge at this station. The gages are located 2.2 mi upstream at Pinopolis Dam Tailrace (station 02172001) and 1.6 mi downstream at Stoney Landing (station 02172003).

REMARKS.--Records poor. Discharge records computed by utilization of One-Dimensional unsteady flow simulation model. Flow affected by tide and regulation from Lake Moultrie (see sta. 02172000). During periods of incomplete gage-height record, values of daily mean discharge from Jefferies Hydro Plant were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges. Negative daily mean discharges are computed for some, which are caused by two complete incoming and only one complete outgoing tide cycles during the day.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5610	2980	5270	4150	e5710	e3880	e4070	5070	4750	7210	5490	8110
2	3150	4880	2300	4010	e4680	e6610	e5100	5420	6930	5740	7460	8270
3	1170	4730	4920	5350	e3110	e6680	6430	4810	5860	4170	6890	7320
4	4170	2130	7610	6210	e0	e6930	4340	4460	6470	6320	6660	5660
5	5440	4220	1430	6390	e3940	e5220	4950	4820	3720	6170	6820	7170
6	6310	7450	4440	5330	e5780	e2480	1190	6520	4390	4790	5970	5660
7	5650	5360	3200	4890	e2390	e3020	7950	5910	5310	5030	5460	5280
8	5470	2920	6230	3150	e2390	e9020	5620	3540	6770	4670	5300	5420
9	4740	4130	4250	1580	e6420	e5890	4430	5640	5030	4330	4220	7130
10	3270	3920	6770	7510	e3640	e4920	4910	6790	4900	5470	4190	5190
11	2070	4400	8360	5210	e3920	e6870	6290	4370	4500	5900	5560	4340
12	3180	4930	4230	5320	e7050	e2490	2890	4250	6670	3500	4690	3940
13	4680	8690	4960	3160	e2320	e0	3540	6240	5930	3550	5670	4270
14	6130	2850	5260	4090	e9230	e8140	3490	4270	4250	4540	4500	3930
15	3660	2380	8380	5950	e5040	e5490	3420	4470	3040	5220	4400	3020
16	8380	4070	3030	2420	e4960	e3000	5820	4780	4190	4570	4050	2760
17	1340	4900	2730	2840	e2380	e2300	3640	4820	3230	5110	5820	3740
18	7870	4050	2590	3530	e3360	e5880	3270	4630	8050	4790	6900	3240
19	5840	5890	1670	7960	e4140	e7050	6540	4040	4020	5440	3850	3530
20	2590	6730	3070	4450	e3260	e2160	5610	3470	3460	5980	7250	3010
21	2790	3310	3490	3830	e3640	e2890	5320	6860	4660	5150	4430	3270
22	5740	1380	4860	6050	e4520	e3940	4500	2930	5280	4320	4040	2750
23	4600	4680	7500	e4890	e8420	e5740	4260	6540	4820	6950	4090	3080
24	3050	5690	2290	e3890	e4290	e4380	3120	5150	6330	5220	5060	5200
25	3320	4240	8420	e3780	e2420	e4940	3350	4810	6680	5310	7290	3460
26	5810	4960	4630	e4480	e4700	e7370	3740	4290	5410	5230	5370	2890
27	1470	8950	4810	e3540	e2180	e3270	3720	2830	3340	5800	4970	3620
28	7160	4540	4260	e8100	e0	e0	4110	7670	5570	5950	3830	3790
29	5220	3870	6400	e2880	---	e4720	4380	4090	3240	5400	1830	3280
30	5130	2820	4400	e5380	---	e6600	4560	1940	3500	5990	4480	3090
31	2780	---	4320	e8390	---	e7540	---	5130	---	4130	6100	---
TOTAL	137790	136050	146080	148710	113890	149420	134560	150560	150300	161950	162640	135420
MEAN	4445	4535	4712	4797	4068	4820	4485	4857	5010	5224	5246	4514
MAX	8380	8950	8420	8390	9230	9020	7950	7670	8050	7210	7460	8270
MIN	1170	1380	1430	1580	0	0	1190	1940	3040	3500	1830	2750

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1999, BY WATER YEAR (WY)

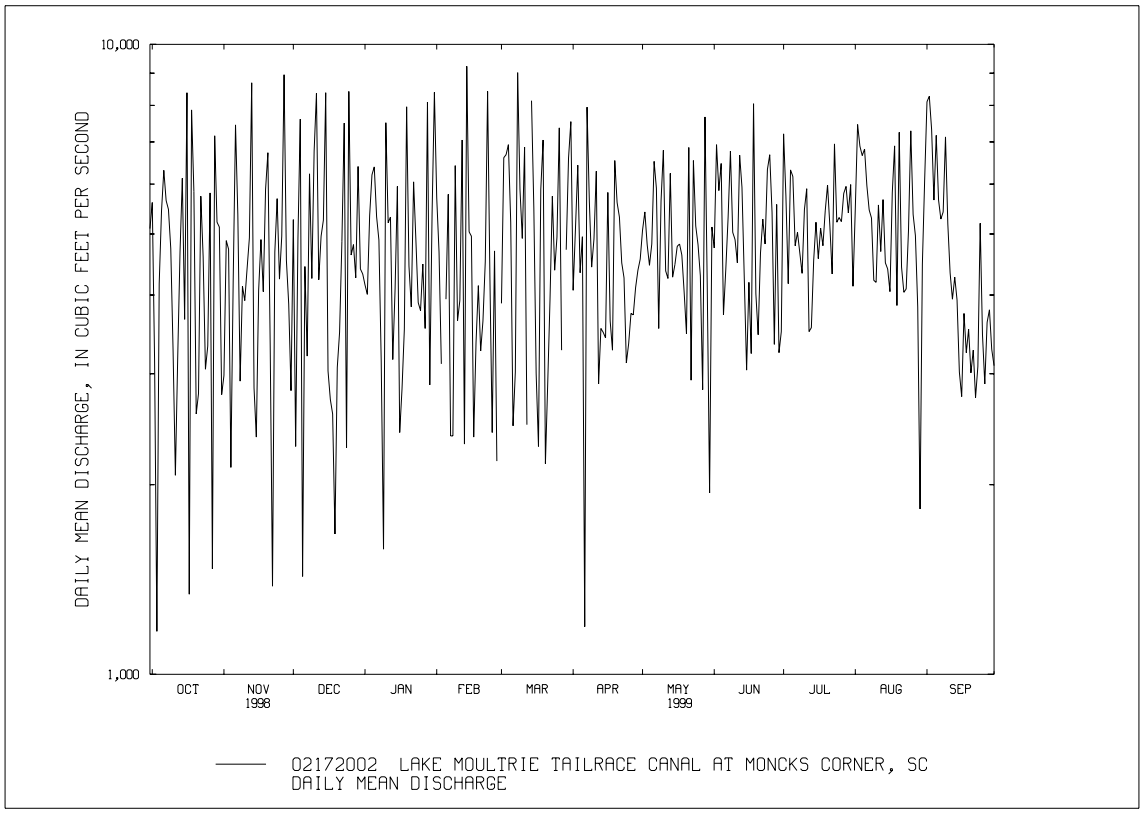
MEAN	6334	6360	8915	9781	10190	10270	9467	8524	7945	7415	6908	5794
MAX	21110	21700	22060	23480	27000	28630	28400	25660	21230	17670	20280	16560
(WY)	1980	1980	1983	1983	1983	1979	1979	1979	1979	1979	1984	1979
MIN	3855	3710	4059	3490	3958	4582	4139	3148	3089	3074	2658	3227
(WY)	1986	1993	1988	1988	1988	1989	1981	1986	1988	1986	1988	1985

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1979 - 1999	
ANNUAL TOTAL	1772206		1727370			
ANNUAL MEAN	4855		4733		8316	
HIGHEST ANNUAL MEAN					18220	1980
LOWEST ANNUAL MEAN					3804	1988
HIGHEST DAILY MEAN	9890	Mar 9	9230	Feb 14	33700	Nov 25 1979
LOWEST DAILY MEAN	876	Mar 21	0	* Feb 4	-521	Jan 26 1993
ANNUAL SEVEN-DAY MINIMUM	3060	Dec 16	3060	Dec 16	1790	Mar 19 1985
10 PERCENT EXCEEDS	7070		6940		20700	
50 PERCENT EXCEEDS	4860		4680		5650	
90 PERCENT EXCEEDS	2840		2790		2540	

* Also occurred Feb. 28, Mar. 13, 28.

e Estimated



02172003 WEST BRANCH COOPER RIVER AT MONCKS CORNER, SC

LOCATION.--Lat 33°11'34'', long 79°58'10'', Berkeley County, Hydrologic Unit 03050201, on right bank, 3.8 miles below Lake Moultrie Pinopolis Dam, and at mi 44.3.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1990 to current year. Records prior to October 1990 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 21.99 ft below sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 28.47 ft, June 26, 1991; minimum gage height, 19.25 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.35 ft, Sep. 3; minimum gage height, 20.70 ft, Mar. 1, Jun. 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.87	22.85	24.49	25.93	22.35	24.15	25.50	21.10	23.65	26.25	21.92	24.14
2	26.25	22.51	24.18	26.13	22.40	24.58	25.48	21.22	23.56	26.52	22.18	24.51
3	25.49	22.35	24.13	26.29	22.61	24.70	26.11	21.00	23.93	26.13	23.34	24.76
4	25.73	22.40	24.24	25.65	22.21	24.14	26.22	21.33	24.44	25.09	22.23	23.81
5	25.81	22.38	24.66	25.78	22.17	24.43	25.07	21.03	23.26	25.26	22.72	23.88
6	26.31	22.58	24.96	26.05	23.63	25.16	25.57	20.74	23.63	25.26	22.72	23.97
7	26.50	23.07	25.19	25.52	22.78	24.49	25.11	20.94	23.49	24.57	21.49	23.53
8	25.94	22.62	24.85	25.31	21.58	23.83	25.62	21.25	23.78	24.96	21.75	23.51
9	25.53	22.14	24.33	25.37	21.50	23.89	24.55	20.88	23.19	24.58	21.33	23.20
10	25.16	21.55	23.90	25.54	21.87	23.95	25.57	22.03	23.96	25.43	21.43	23.99
11	25.86	21.63	23.85	25.23	21.78	23.86	25.69	22.93	24.55	25.78	22.10	23.77
12	25.83	21.55	23.89	25.22	21.93	23.69	25.70	22.83	24.24	25.39	21.85	23.52
13	26.52	22.10	24.30	26.42	22.01	24.50	25.35	22.29	23.88	25.00	21.41	23.19
14	26.56	22.39	24.64	25.65	22.11	23.89	25.81	21.74	23.77	25.23	21.20	23.31
15	25.87	22.96	24.30	25.06	21.63	23.53	26.31	22.88	24.82	25.62	21.34	23.68
16	27.07	22.66	24.76	25.21	21.55	23.61	25.64	21.81	23.64	25.44	21.42	23.56
17	25.28	22.49	24.11	25.30	21.59	23.67	25.09	21.58	23.52	25.58	21.58	23.69
18	26.30	22.11	24.60	25.49	21.30	23.69	25.42	20.75	23.36	25.48	21.81	23.79
19	25.57	22.42	24.51	25.80	22.07	24.34	25.11	21.63	23.42	25.32	22.78	24.11
20	25.00	21.34	23.52	25.64	21.82	24.20	24.98	21.42	23.47	25.25	22.49	23.90
21	24.93	21.47	23.53	24.96	21.40	23.45	24.92	22.12	23.52	24.96	21.59	23.62
22	25.39	21.73	23.92	24.74	21.39	23.17	24.83	22.02	23.56	25.87	22.81	24.17
23	25.38	22.51	24.21	25.48	21.36	23.70	25.40	22.29	24.18	25.93	22.04	24.28
24	25.45	21.91	23.74	25.28	20.81	23.54	25.18	22.05	23.99	25.41	22.67	24.41
25	25.45	22.25	23.72	24.82	21.25	23.55	26.25	23.20	24.75	25.53	22.59	24.13
26	24.99	22.70	23.94	24.95	21.19	23.68	25.37	23.42	24.52	25.76	22.15	24.13
27	24.77	21.89	23.55	25.63	22.56	24.07	26.24	22.77	24.55	26.03	22.66	24.24
28	25.81	22.62	24.41	25.44	22.06	23.83	25.76	22.39	24.18	25.93	22.05	24.12
29	26.43	22.47	24.22	25.50	21.34	23.55	26.02	22.60	24.68	25.52	21.82	23.72
30	26.08	22.29	24.40	25.37	21.31	23.40	25.96	21.93	24.10	25.95	21.62	24.24
31	25.56	22.37	24.00	---	---	---	25.85	22.38	24.22	26.97	22.53	25.03
MONTH	27.07	21.34	24.23	26.42	20.81	23.94	26.31	20.74	23.93	26.97	21.20	23.93

02172003 WEST BRANCH COOPER RIVER AT MONCKS CORNER, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	27.15	23.85	25.33	25.26	20.70	23.37	25.46	22.25	24.00	27.07	23.90	25.41
2	26.46	23.25	24.96	25.98	22.06	24.33	25.38	21.55	23.76	26.57	23.91	25.25
3	25.38	22.98	24.22	26.06	23.01	24.67	25.48	22.29	24.31	26.26	22.98	24.91
4	25.14	21.79	23.56	25.13	22.11	23.64	25.96	22.47	24.02	25.59	22.94	24.47
5	25.17	22.29	23.83	25.02	22.32	24.07	25.41	22.31	23.95	25.46	22.96	24.32
6	25.13	22.68	24.35	24.82	21.92	23.58	25.60	22.33	24.05	25.89	23.10	24.60
7	24.63	21.94	23.62	24.45	21.15	23.17	26.00	22.58	24.32	25.58	22.80	24.16
8	24.82	21.58	23.30	25.44	22.67	24.35	25.25	22.51	23.78	25.05	21.38	23.59
9	26.12	21.86	24.40	25.22	22.77	24.22	25.03	22.56	23.86	25.13	21.56	23.62
10	25.49	22.90	24.06	25.16	22.26	23.95	25.03	22.49	23.83	25.86	22.26	24.12
11	25.44	22.28	24.09	26.05	22.29	23.88	26.37	22.88	24.86	26.37	22.42	24.12
12	25.69	22.16	24.25	25.97	22.42	23.81	25.18	22.56	24.06	26.47	22.62	24.32
13	25.22	21.47	23.17	24.78	21.83	23.48	26.39	22.17	24.13	25.73	22.64	24.63
14	26.45	20.84	23.96	26.60	22.14	24.86	26.44	22.38	24.32	25.93	22.36	24.23
15	26.44	22.32	24.30	26.11	21.93	24.39	26.09	22.62	24.40	26.23	22.66	24.53
16	25.99	22.31	24.14	25.62	21.73	23.86	26.05	22.53	24.32	26.23	22.99	24.83
17	25.30	21.95	23.79	25.33	21.89	23.75	25.46	21.65	23.62	26.26	23.15	24.95
18	25.53	22.01	24.01	25.42	21.80	23.99	25.41	21.34	23.50	26.23	23.24	24.88
19	25.70	22.55	24.45	25.56	22.17	24.28	25.05	21.81	23.82	26.03	22.91	24.56
20	25.74	22.75	24.58	25.59	22.19	23.96	25.49	21.54	23.80	25.81	22.50	24.36
21	25.82	23.02	24.66	26.12	22.33	24.05	25.66	21.06	23.50	26.01	22.43	24.57
22	25.58	22.92	24.65	25.00	21.76	23.66	25.27	22.41	23.84	25.29	22.21	24.07
23	26.91	23.32	25.22	25.52	22.04	24.02	25.00	21.55	23.72	25.49	22.32	24.21
24	26.36	23.06	24.70	25.01	22.04	23.73	24.78	21.26	23.22	25.61	22.42	23.94
25	26.48	22.37	24.22	25.70	22.13	23.71	25.66	22.04	23.94	25.58	21.95	23.73
26	26.40	21.96	24.26	26.23	21.95	24.58	26.41	22.28	23.90	25.92	22.22	23.80
27	25.90	22.47	24.13	26.13	22.16	23.85	25.43	22.04	23.92	25.24	22.24	23.67
28	25.37	22.06	23.68	24.88	21.67	23.36	25.58	22.60	24.34	26.28	22.27	24.39
29	---	---	---	25.97	21.29	23.61	25.77	22.51	24.40	25.38	22.43	23.91
30	---	---	---	26.11	21.86	24.06	25.93	23.22	24.78	25.18	21.35	23.29
31	---	---	---	26.20	22.48	24.55	---	---	---	25.32	21.94	23.81
MONTH	27.15	20.84	24.21	26.60	20.70	23.96	26.44	21.06	24.01	27.07	21.35	24.30

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.34	22.25	24.04	25.23	21.86	24.14	25.99	22.88	24.37	26.90	23.59	25.42
2	25.56	22.23	24.31	25.82	22.10	24.14	26.24	22.89	24.71	26.99	23.68	25.55
3	25.22	21.98	23.95	25.21	22.55	23.81	26.33	23.17	25.00	27.35	23.97	25.61
4	25.26	21.48	23.92	25.53	22.81	24.23	26.82	23.46	25.23	26.25	24.26	25.37
5	25.46	22.18	24.02	25.55	22.61	24.13	25.99	23.59	25.00	26.71	23.51	24.98
6	25.61	22.22	24.05	24.96	22.35	23.83	25.80	23.20	24.42	25.93	23.13	24.61
7	26.18	22.38	24.14	25.49	22.55	23.91	25.89	22.84	24.30	26.07	22.74	24.43
8	25.73	22.76	24.51	25.18	22.44	23.86	26.27	22.66	24.31	25.91	22.78	24.47
9	25.41	22.58	24.07	25.26	22.21	23.69	25.71	21.84	23.93	26.00	22.94	24.89
10	25.46	22.61	23.93	25.45	22.45	23.94	26.12	23.05	24.50	26.00	23.05	24.62
11	26.63	22.66	24.22	25.94	22.35	23.94	26.75	23.13	24.95	25.86	22.84	24.51
12	26.33	23.12	25.05	25.94	22.72	24.24	26.35	23.21	24.74	26.08	23.09	24.64
13	26.21	23.10	25.00	25.94	22.87	24.42	26.67	22.70	24.73	25.80	23.04	24.67
14	26.22	23.00	24.68	26.12	22.81	24.62	26.38	22.95	24.48	25.76	22.86	24.53
15	26.04	22.52	24.28	26.14	22.75	24.76	26.05	22.36	24.24	26.15	22.93	24.77
16	25.62	22.36	24.22	25.85	23.02	24.60	25.19	22.56	23.99	25.29	21.78	23.61
17	25.60	22.38	24.14	25.58	22.75	24.40	25.50	22.78	24.17	25.90	21.72	23.82
18	26.11	23.02	24.88	25.70	22.72	24.16	25.83	22.86	24.33	26.34	22.04	23.99
19	25.95	23.28	24.79	25.63	22.56	23.92	25.05	22.17	23.59	25.74	22.89	24.12
20	25.42	22.37	24.23	24.96	22.66	23.73	25.91	21.93	23.93	26.00	22.14	24.00
21	25.80	21.77	23.98	24.92	22.36	23.64	24.86	22.52	23.71	26.96	22.51	24.33
22	26.16	22.40	24.16	25.10	22.51	23.80	25.99	21.99	23.65	26.99	22.67	24.58
23	25.98	22.97	24.33	25.52	22.72	24.21	26.26	22.74	24.21	26.64	23.06	24.87
24	26.33	22.96	24.49	25.21	22.45	23.84	25.80	23.00	24.49	26.32	23.40	25.17
25	26.45	22.86	24.33	25.73	22.47	23.83	26.69	22.79	24.67	26.08	23.24	24.86
26	25.69	22.87	24.22	25.25	22.54	23.78	26.54	22.52	24.37	27.01	22.88	24.66
27	25.81	21.20	23.50	25.57	22.76	24.03	26.29	22.29	24.09	26.46	22.82	24.71
28	25.34	21.76	23.66	25.63	22.93	24.40	25.63	22.39	24.12	26.12	23.45	24.88
29	25.05	20.70	23.08	25.98	22.94	24.34	25.71	22.74	24.25	27.18	23.17	25.12
30	25.07	21.58	23.30	26.20	22.88	24.45	26.01	22.76	24.63	26.15	22.76	24.82
31	---	---	---	25.62	22.66	24.16	26.32	22.77	24.89	---	---	---
MONTH	26.63	20.70	24.18	26.20	21.86	24.10	26.82	21.84	24.39	27.35	21.72	24.69
YEAR	27.35	20.70	24.15									

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC

LOCATION.--Lat 33°06'58'', long 79°57'22'', Berkeley County, Hydrologic Unit 03050201, on left bank of Cooper River, 1 mi downstream from Mepkin Creek, and at mile 36.7.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--April 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 18.50 ft below sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.38 ft, Sep. 22, 1989; minimum gage height, 15.41 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.88 ft, Sep. 3; minimum gage height, 17.39 ft, Jun. 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.42	19.44	20.93	22.50	19.30	20.82	21.89	18.15	20.19	22.40	18.91	20.78
2	22.67	19.38	20.84	22.77	19.36	21.14	22.22	18.25	20.25	22.97	19.18	21.22
3	22.13	19.28	20.87	22.73	19.55	21.27	22.46	18.03	20.51	22.79	19.98	21.28
4	22.36	19.33	20.82	22.31	19.12	20.85	22.43	18.35	20.81	21.70	18.19	20.18
5	22.51	19.32	21.11	22.48	18.97	21.06	21.70	18.05	20.00	21.92	18.78	20.31
6	22.99	19.53	21.39	22.78	19.88	21.52	22.06	17.75	20.20	21.88	18.97	20.47
7	22.88	20.01	21.61	22.25	19.70	20.96	21.81	17.95	20.11	21.20	18.40	20.01
8	22.58	19.52	21.26	21.88	18.55	20.47	21.61	18.02	20.16	21.37	18.67	20.15
9	22.09	19.04	20.79	21.62	18.46	20.41	20.93	17.59	19.71	21.27	18.36	19.98
10	21.80	18.50	20.47	21.87	18.84	20.51	21.38	19.01	20.35	21.30	18.58	20.36
11	22.16	18.61	20.50	21.61	18.70	20.38	21.88	19.96	20.89	21.55	19.06	20.28
12	22.11	18.50	20.50	21.24	18.91	20.17	21.98	19.72	20.83	21.43	18.82	20.04
13	22.44	18.98	20.85	22.18	18.95	20.83	21.52	19.24	20.42	21.55	18.42	19.85
14	22.65	19.28	21.11	21.84	19.03	20.56	21.90	18.74	20.34	21.34	18.21	19.95
15	22.36	19.33	20.91	21.46	18.59	20.21	22.54	19.96	21.18	21.82	18.31	20.14
16	22.96	19.57	21.10	21.87	18.50	20.23	21.83	18.75	20.31	22.10	18.42	20.27
17	22.02	19.40	20.86	21.64	18.55	20.22	21.92	18.56	20.18	22.27	18.55	20.41
18	22.60	19.06	20.94	21.99	18.29	20.32	22.02	17.74	20.07	22.23	18.77	20.45
19	22.13	19.35	20.95	22.14	19.03	20.84	21.79	18.60	20.19	22.02	18.95	20.43
20	21.58	18.33	20.17	22.11	18.78	20.64	21.74	18.39	20.16	21.91	18.79	20.45
21	21.54	18.44	20.18	21.79	18.38	20.07	21.62	18.75	20.18	21.59	18.56	20.25
22	21.87	18.59	20.36	21.44	18.34	19.94	21.48	18.43	20.10	22.07	19.21	20.66
23	22.10	19.43	20.71	21.88	18.33	20.25	22.10	18.78	20.60	22.18	18.97	20.79
24	21.78	18.82	20.37	21.55	17.77	19.97	21.86	19.01	20.62	22.08	19.51	20.92
25	21.62	18.92	20.31	21.47	18.23	20.13	22.50	19.70	21.11	21.64	19.20	20.65
26	21.57	19.28	20.33	21.39	18.19	20.15	22.11	19.96	21.12	21.88	19.09	20.66
27	21.43	18.83	20.13	21.78	18.86	20.32	22.40	19.50	21.14	22.50	19.60	20.87
28	22.17	19.59	20.77	21.37	18.59	20.34	22.02	19.36	20.81	22.34	18.71	20.57
29	22.05	19.16	20.71	21.57	18.37	20.16	22.42	19.58	21.20	22.23	18.80	20.42
30	22.52	19.27	20.92	21.71	18.29	20.06	22.46	18.92	20.67	22.52	18.62	20.86
31	22.20	19.01	20.67	---	---	---	22.53	19.15	20.84	23.26	19.50	21.58
MONTH	22.99	18.33	20.76	22.78	17.77	20.49	22.54	17.59	20.49	23.26	18.19	20.49

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23.60	20.50	21.96	22.01	17.73	20.05	22.32	19.22	20.60	22.87	20.81	21.98
2	23.05	20.18	21.60	22.63	18.79	20.89	21.70	18.50	20.31	23.12	20.54	21.85
3	22.10	19.38	20.82	22.66	19.53	21.12	22.03	19.26	20.73	23.12	19.87	21.48
4	21.83	18.74	20.33	21.70	18.22	20.04	22.03	19.09	20.59	22.33	19.84	21.07
5	21.95	19.27	20.40	21.81	18.86	20.53	21.68	18.82	20.54	22.21	19.74	20.91
6	21.88	19.58	20.79	21.52	18.82	20.20	22.34	19.29	20.86	22.26	19.82	21.03
7	21.36	18.87	20.23	21.15	18.15	19.75	21.66	19.04	20.64	22.04	19.15	20.65
8	21.17	18.57	19.98	21.58	19.55	20.59	21.49	19.05	20.31	21.73	18.34	20.23
9	21.65	19.01	20.82	21.79	19.51	20.71	21.73	19.09	20.48	21.42	18.31	20.14
10	21.77	19.62	20.72	21.14	19.16	20.41	21.58	19.09	20.44	22.11	19.05	20.55
11	22.02	19.27	20.73	21.57	19.16	20.54	22.61	19.58	21.42	22.25	19.38	20.76
12	22.01	19.10	20.70	22.05	19.17	20.52	22.04	19.34	20.78	22.66	19.52	21.00
13	21.61	18.46	19.87	21.53	18.77	20.29	22.82	19.15	20.87	22.47	19.60	21.11
14	22.18	17.87	20.42	23.03	19.12	21.36	22.91	19.32	21.04	22.69	19.32	20.90
15	22.66	19.22	20.92	22.16	19.07	20.92	22.95	19.60	21.15	22.94	19.64	21.21
16	22.56	18.81	20.69	22.35	18.71	20.56	22.58	18.93	20.86	22.94	20.00	21.49
17	22.02	18.64	20.48	22.09	18.86	20.49	22.10	18.34	20.29	23.02	20.17	21.59
18	22.12	18.96	20.69	22.10	18.55	20.50	22.06	18.02	20.14	22.97	19.76	21.54
19	22.41	19.32	21.06	22.25	18.60	20.79	21.74	19.04	20.19	22.76	19.86	21.22
20	22.50	19.73	21.27	22.37	18.89	20.65	21.84	18.32	20.26	22.51	19.49	21.07
21	22.55	19.80	21.26	22.14	19.26	20.65	21.29	18.08	19.97	22.24	19.23	21.04
22	22.27	19.95	21.19	21.71	18.89	20.17	21.97	18.67	20.41	22.04	19.15	20.77
23	22.61	20.10	21.60	21.62	19.24	20.38	21.68	18.28	20.29	22.01	19.20	20.68
24	22.70	19.74	21.30	21.53	18.85	20.19	21.41	18.26	19.91	21.65	19.03	20.45
25	22.72	19.37	20.94	21.37	18.78	20.24	21.82	19.00	20.68	22.23	18.43	20.33
26	22.42	18.94	20.87	22.15	18.94	20.98	22.38	18.97	20.60	22.29	19.05	20.44
27	22.54	19.43	20.86	22.13	19.10	20.54	22.26	19.00	20.60	21.97	18.83	20.40
28	22.07	19.05	20.46	21.58	18.61	20.15	22.24	19.55	21.00	22.66	19.24	20.80
29	---	---	---	22.01	18.28	20.23	22.40	19.44	21.06	22.07	19.30	20.55
30	---	---	---	22.52	18.85	20.64	22.79	19.94	21.44	21.88	18.37	20.09
31	---	---	---	22.51	19.45	21.08	---	---	---	22.07	18.93	20.38
MONTH	23.60	17.87	20.82	23.03	17.73	20.52	22.95	18.02	20.62	23.12	18.31	20.89

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.16	19.22	20.63	22.00	18.84	20.48	22.35	19.60	20.98	23.21	20.48	22.03
2	22.07	19.19	20.72	22.01	19.07	20.67	22.46	19.51	21.21	23.51	20.50	22.19
3	21.97	18.93	20.40	21.93	19.09	20.48	22.75	19.78	21.53	23.88	20.63	22.35
4	21.50	18.47	20.36	22.05	19.18	20.71	22.97	20.33	21.78	23.20	21.03	22.12
5	21.93	19.17	20.70	22.02	19.00	20.61	22.89	19.99	21.57	23.18	20.16	21.63
6	21.93	19.06	20.69	21.67	18.67	20.41	22.42	19.82	21.12	22.78	20.16	21.24
7	22.06	18.92	20.74	21.75	18.85	20.46	22.64	19.27	21.02	22.96	19.50	21.14
8	22.37	19.60	20.99	21.85	18.86	20.43	22.28	19.67	20.93	22.76	19.56	21.18
9	22.06	19.18	20.68	21.97	18.28	20.29	22.46	18.65	20.59	22.80	19.89	21.45
10	22.12	19.15	20.55	22.11	18.71	20.46	22.90	19.66	21.22	22.75	20.03	21.31
11	23.10	19.27	20.89	22.66	18.46	20.49	22.83	20.09	21.53	22.43	19.72	21.24
12	23.10	20.12	21.57	22.69	19.34	20.96	22.83	20.02	21.37	22.53	20.05	21.41
13	22.97	20.09	21.51	22.68	19.62	21.13	22.88	19.70	21.32	22.44	19.99	21.38
14	22.96	20.00	21.32	22.71	19.79	21.22	22.72	19.75	21.20	22.31	19.95	21.27
15	22.78	19.13	20.99	22.66	19.75	21.31	22.49	19.21	20.94	22.88	19.81	21.54
16	22.32	19.37	20.85	22.54	19.77	21.22	21.97	19.13	20.70	21.75	18.82	20.32
17	22.31	19.36	20.84	22.32	19.53	20.98	21.98	19.15	20.74	22.06	18.69	20.50
18	22.53	19.68	21.36	22.06	19.21	20.76	22.17	19.10	20.83	22.52	19.02	20.71
19	22.72	20.33	21.47	21.90	18.89	20.47	21.61	18.68	20.27	22.33	19.63	20.83
20	22.18	19.38	20.93	21.55	18.72	20.20	22.27	18.87	20.42	22.52	19.15	20.78
21	22.05	18.75	20.61	21.68	18.67	20.23	21.64	19.23	20.30	23.01	19.52	21.09
22	22.14	19.16	20.77	21.82	19.02	20.50	22.29	18.88	20.39	23.18	19.68	21.36
23	22.46	19.67	20.95	21.94	19.42	20.67	22.87	19.52	20.95	23.27	20.06	21.64
24	22.62	19.89	21.04	23.22	18.94	20.47	22.64	19.86	21.14	23.08	20.45	21.87
25	22.62	19.58	20.84	22.00	18.89	20.46	23.02	19.80	21.15	22.77	20.26	21.55
26	22.16	19.52	20.74	21.94	18.76	20.39	22.39	19.40	21.03	22.98	19.88	21.37
27	22.20	18.19	20.18	22.28	19.31	20.60	22.76	19.00	20.75	22.57	19.65	21.38
28	21.96	18.72	20.11	22.41	19.65	20.95	22.59	19.15	20.85	22.82	20.23	21.59
29	21.81	17.39	19.76	22.41	19.54	20.95	22.51	19.78	21.12	23.47	20.11	21.79
30	21.77	18.24	19.98	22.34	19.59	21.03	22.51	19.82	21.37	22.92	19.75	21.52
31	---	---	---	22.37	19.39	20.85	22.86	19.85	21.56	---	---	---
MONTH	23.10	17.39	20.77	23.22	18.28	20.67	23.02	18.65	21.03	23.88	18.69	21.39
YEAR	23.88	17.39	20.74									

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1982 to September 1985, 1989 to September 1999 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1982 to September 1985, April 1989 to September 1999 (discontinued).

INSTRUMENTATION.--Data collection platform and mini-monitor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 369 microsiemens, Jun. 19, 1983; minimum, 48 microsiemens, May 25, 1982.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 146 microsiemens, Mar. 10, 21; minimum, 62 microsiemens, May 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	96	90	92	102	92	96	113	91	99	110	88	94
2	95	91	93	100	93	95	109	92	98	106	88	91
3	97	92	94	101	93	96	111	94	99	117	86	93
4	104	93	95	99	93	95	104	91	95	111	89	96
5	105	92	95	108	93	97	115	90	96	111	88	94
6	102	91	94	102	92	95	120	93	99	108	87	93
7	100	92	94	105	91	95	115	92	98	110	89	94
8	102	92	95	109	92	97	105	89	96	97	88	91
9	100	92	95	105	93	95	104	90	95	111	88	92
10	101	93	95	99	92	96	98	91	94	110	88	93
11	99	93	95	98	94	95	112	90	96	108	88	93
12	102	93	96	98	93	95	107	90	93	108	87	93
13	103	92	97	96	92	94	94	91	92	106	87	91
14	99	91	94	95	92	94	106	91	94	109	86	91
15	97	91	94	96	93	95	93	89	91	108	88	93
16	99	91	94	98	93	95	107	83	91	108	88	93
17	98	91	94	106	90	96	105	85	90	108	87	92
18	98	91	94	101	93	96	107	86	91	102	89	92
19	99	91	93	98	91	94	109	87	92	106	88	93
20	97	91	93	95	90	92	131	87	98	108	87	93
21	100	92	95	96	90	92	121	86	93	103	89	92
22	99	93	95	97	91	94	125	85	96	115	87	93
23	96	91	93	99	92	95	91	86	87	108	89	92
24	97	91	94	101	92	94	88	83	86	114	87	93
25	98	91	94	97	91	93	87	85	86	108	91	96
26	99	91	94	98	92	94	87	84	85	108	90	96
27	102	92	94	100	91	94	107	86	91	110	91	97
28	110	90	96	98	89	93	101	86	91	112	94	98
29	109	90	96	101	91	95	98	87	91	113	94	98
30	108	89	95	107	92	95	107	87	94	100	94	96
31	98	91	94	---	---	---	108	88	94	99	93	97
MONTH	110	89	94	109	89	95	131	83	93	117	86	94

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	104	95	96	134	114	118	128	117	121	99	77	91
2	108	95	97	136	113	120	143	119	126	105	62	84
3	118	94	101	131	113	116	138	116	123	102	77	87
4	117	94	101	138	111	120	135	115	121	106	78	87
5	121	97	103	133	114	118	140	114	122	105	79	85
6	118	95	102	138	113	119	134	117	121	109	80	91
7	115	96	101	136	116	121	132	112	120	102	89	93
8	120	97	102	136	113	120	133	114	120	110	89	96
9	113	97	100	124	114	118	132	112	117	111	90	96
10	111	96	100	146	115	122	131	111	119	113	92	97
11	119	97	102	138	116	123	133	111	119	108	92	95
12	111	96	101	141	119	124	130	112	119	114	92	96
13	119	98	103	138	120	124	132	111	119	113	93	97
14	120	99	105	142	119	124	133	113	120	115	93	96
15	119	103	108	125	115	121	134	113	119	104	89	96
16	122	104	109	145	120	127	131	111	117	111	91	98
17	123	104	109	141	119	126	128	109	116	103	90	95
18	128	104	111	142	120	126	128	110	115	115	90	98
19	125	105	111	138	118	124	131	107	117	111	92	97
20	128	106	113	135	116	123	130	109	114	110	90	98
21	122	105	110	146	116	123	127	109	116	113	92	99
22	128	108	112	140	118	124	128	108	115	114	91	97
23	123	107	111	138	118	124	127	106	113	110	91	99
24	132	109	115	135	116	123	129	107	112	109	94	98
25	131	111	116	130	119	122	124	108	114	114	94	100
26	130	109	115	122	116	119	129	107	114	114	95	100
27	129	112	116	142	116	124	136	105	114	118	97	103
28	140	112	118	140	118	125	114	103	105	118	95	103
29	---	---	---	135	119	125	107	98	104	117	97	102
30	---	---	---	141	117	124	106	95	100	115	97	103
31	---	---	---	136	116	121	---	---	---	121	97	104
MONTH	140	94	107	146	111	122	143	95	116	121	62	96

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	121	98	105	121	99	104	119	100	107	109	87	96
2	120	97	102	128	103	109	121	97	105	111	86	96
3	118	97	101	126	104	111	126	100	106	113	90	95
4	113	94	101	126	104	110	121	97	107	107	90	95
5	116	96	102	124	102	110	120	94	105	110	88	96
6	117	96	103	115	104	107	115	94	101	105	89	96
7	116	97	104	123	102	109	118	96	103	110	88	97
8	116	98	103	122	104	109	118	97	103	107	91	97
9	115	95	103	125	103	110	122	97	103	109	91	96
10	110	96	102	124	103	110	118	96	103	112	90	97
11	115	97	103	116	102	108	125	96	104	113	91	97
12	121	97	104	129	102	108	117	96	104	114	92	98
13	121	98	103	122	104	108	120	98	105	112	92	98
14	110	96	101	129	103	111	105	84	92	111	90	97
15	120	96	102	133	106	112	100	84	89	102	89	94
16	122	98	104	121	105	109	99	82	88	113	88	96
17	115	99	104	131	105	113	103	83	89	111	92	98
18	119	96	107	121	104	110	106	80	89	114	92	99
19	112	95	100	126	103	109	103	83	89	98	93	95
20	108	95	99	121	101	109	105	84	90	105	91	96
21	119	97	102	116	97	104	107	83	91	118	92	99
22	118	96	101	116	94	101	107	84	92	116	92	100
23	120	93	102	118	94	102	107	87	93	123	91	98
24	115	96	101	115	94	102	105	85	91	108	90	94
25	114	96	99	118	95	103	113	86	95	116	88	97
26	119	97	100	116	95	103	108	88	94	---	---	---
27	115	97	101	120	96	104	108	88	93	---	---	---
28	109	95	100	119	96	104	110	90	96	---	---	---
29	119	96	100	118	98	104	104	91	96	---	---	---
30	121	97	103	120	96	104	137	93	107	---	---	---
31	---	---	---	118	96	106	123	91	101	---	---	---
MONTH	122	93	102	133	94	107	137	80	98	123	86	97
YEAR	146	62	102									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC

LOCATION.--Lat 33°05'36'', long 79°56'57'', Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Datum of gage is 10.14 ft below sea level (U.S. Army Corps of Engineers benchmark). Prior to May 18, 1983, at site 0.5 mi upstream at datum 5.19 ft higher.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.48 ft, Sep. 5, 1987; minimum gage height, 6.85 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.18 ft, Sep. 3; minimum gage height, 8.90 ft, Jun. 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.86	10.80	12.35	13.88	10.75	12.26	13.26	9.61	11.59	13.74	10.38	12.19
2	14.07	10.79	12.29	14.16	10.82	12.55	13.63	9.72	11.69	14.32	10.66	12.63
3	13.58	10.78	12.33	14.16	11.02	12.67	13.80	9.53	11.91	14.19	11.17	12.67
4	13.89	10.83	12.25	13.76	10.59	12.27	13.82	9.84	12.16	13.19	9.41	11.56
5	13.96	10.81	12.51	13.98	10.46	12.47	13.13	9.55	11.45	13.33	10.01	11.68
6	14.48	11.01	12.78	14.20	11.12	12.89	13.42	9.27	11.60	13.28	10.31	11.86
7	14.32	11.50	12.99	13.73	10.97	12.34	13.30	9.47	11.52	12.65	9.92	11.41
8	13.96	11.00	12.63	13.36	10.05	11.89	12.98	9.32	11.53	12.77	10.17	11.55
9	13.53	10.54	12.18	13.05	9.98	11.82	12.29	9.13	11.11	12.68	9.83	11.42
10	13.22	10.00	11.89	13.25	10.33	11.92	12.72	10.52	11.74	12.66	10.21	11.72
11	13.51	10.11	11.93	12.99	10.23	11.77	13.27	11.32	12.24	12.76	10.56	11.65
12	13.51	10.00	11.92	12.68	10.39	11.58	13.30	11.05	12.23	12.78	10.30	11.42
13	13.88	10.51	12.27	13.54	10.48	12.20	12.95	10.74	11.84	12.92	9.89	11.26
14	14.02	10.78	12.52	13.19	10.54	11.99	13.26	10.23	11.76	12.68	9.69	11.35
15	13.78	10.75	12.33	12.89	10.11	11.65	13.92	11.20	12.55	13.19	9.81	11.53
16	14.29	11.07	12.50	13.29	10.00	11.67	13.21	10.27	11.75	13.48	9.88	11.69
17	13.45	10.92	12.31	13.05	10.08	11.64	13.30	10.08	11.60	13.68	10.05	11.83
18	13.95	10.57	12.33	13.38	9.81	11.75	13.45	9.27	11.52	13.58	10.24	11.85
19	13.51	10.84	12.32	13.47	10.54	12.23	13.21	10.11	11.66	13.47	10.14	11.78
20	13.08	9.84	11.61	13.50	10.29	12.03	13.13	9.91	11.59	13.32	10.14	11.84
21	12.97	9.96	11.63	13.08	9.92	11.50	13.03	10.18	11.60	13.00	10.05	11.66
22	13.30	10.10	11.77	12.90	9.87	11.41	12.91	9.87	11.52	13.41	10.57	12.03
23	13.54	10.78	12.13	13.23	9.87	11.66	13.59	10.20	11.98	13.50	10.45	12.16
24	13.23	10.35	11.81	12.88	9.30	11.37	13.33	10.52	12.03	13.47	10.98	12.28
25	13.05	10.26	11.74	12.89	9.76	11.56	13.86	11.00	12.46	13.03	10.56	12.02
26	13.00	10.49	11.73	12.79	9.71	11.54	13.54	11.30	12.53	13.16	10.54	12.05
27	12.86	10.32	11.56	13.11	10.14	11.67	13.73	10.88	12.53	13.87	11.06	12.25
28	13.56	11.18	12.14	12.81	9.96	11.74	13.44	10.85	12.23	13.69	10.18	11.94
29	13.52	10.48	12.10	12.93	9.85	11.58	13.82	11.05	12.58	13.61	10.26	11.82
30	13.90	10.75	12.32	13.02	9.80	11.50	13.82	10.43	12.08	13.94	10.08	12.26
31	13.62	10.48	12.10	---	---	---	13.88	10.56	12.23	14.63	10.98	12.96
MONTH	14.48	9.84	12.17	14.20	9.30	11.90	13.92	9.13	11.90	14.63	9.41	11.88

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.94	11.88	13.34	13.37	9.20	11.47	13.72	10.69	11.98	14.25	12.23	13.34
2	14.41	11.52	12.98	14.03	10.27	12.27	13.14	10.00	11.69	14.55	11.94	13.22
3	13.54	10.68	12.21	14.03	10.96	12.49	13.40	10.62	12.09	14.55	11.33	12.85
4	13.24	10.23	11.76	13.16	9.32	11.41	13.36	10.54	11.98	13.73	11.33	12.44
5	13.37	10.72	11.80	13.21	10.32	11.91	13.09	10.24	11.93	13.61	11.12	12.30
6	13.26	11.06	12.16	12.93	10.26	11.61	13.74	10.76	12.27	13.64	11.21	12.36
7	12.77	10.36	11.63	12.58	9.66	11.16	13.00	10.44	11.99	13.41	10.51	12.00
8	12.58	10.06	11.39	13.02	11.07	11.94	12.83	10.48	11.69	13.10	9.82	11.60
9	12.93	10.60	12.19	13.15	10.85	12.09	13.11	10.53	11.86	12.85	9.81	11.52
10	13.17	10.97	12.11	12.55	10.67	11.80	12.99	10.54	11.82	13.51	10.29	11.92
11	13.34	10.74	12.12	12.98	10.75	11.95	13.92	11.02	12.79	13.43	10.83	12.15
12	13.37	10.59	12.07	13.35	10.53	11.93	13.43	10.77	12.18	13.94	10.84	12.39
13	12.97	9.95	11.28	12.93	10.27	11.74	14.19	10.64	12.29	13.86	11.06	12.46
14	13.56	9.37	11.80	14.41	10.61	12.75	14.28	10.79	12.44	14.08	10.78	12.29
15	13.99	10.69	12.30	13.36	10.50	12.28	14.36	11.06	12.56	14.40	11.11	12.60
16	13.98	10.18	12.09	13.76	10.19	11.97	13.90	10.35	12.23	14.33	11.45	12.86
17	13.41	10.14	11.88	13.51	10.34	11.90	13.54	9.70	11.68	14.42	11.62	12.95
18	13.57	10.44	12.09	13.57	10.00	11.87	13.49	9.39	11.53	14.37	11.15	12.90
19	13.82	10.75	12.46	13.64	10.05	12.15	13.14	10.20	11.55	14.17	11.24	12.58
20	13.90	11.22	12.66	13.78	10.28	12.05	13.25	9.79	11.61	13.90	10.94	12.45
21	13.96	11.27	12.65	13.60	10.47	12.04	12.69	9.58	11.35	13.58	10.69	12.38
22	13.69	11.42	12.56	13.13	10.22	11.55	13.34	10.06	11.78	13.43	10.61	12.15
23	13.92	11.51	12.94	13.02	10.44	11.73	13.06	9.75	11.66	13.42	10.55	12.05
24	14.04	11.09	12.67	12.93	10.28	11.55	12.81	9.75	11.34	13.04	10.29	11.83
25	14.06	10.83	12.36	12.77	10.19	11.62	13.23	10.49	12.11	13.63	9.80	11.72
26	13.77	10.43	12.27	13.42	10.41	12.34	13.67	10.46	12.02	13.60	10.34	11.83
27	13.90	10.91	12.28	13.41	10.60	11.96	13.67	10.48	12.01	13.37	10.18	11.80
28	13.46	10.55	11.88	12.98	10.12	11.58	13.63	11.02	12.40	14.00	10.71	12.15
29	---	---	---	13.26	9.76	11.63	13.82	10.92	12.45	13.36	10.61	11.93
30	---	---	---	13.89	10.32	12.02	14.22	11.39	12.83	13.14	9.86	11.52
31	---	---	---	13.90	10.93	12.44	---	---	---	13.52	10.41	11.77
MONTH	14.94	9.37	12.21	14.41	9.20	11.91	14.36	9.39	12.00	14.55	9.80	12.27

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.54	10.68	11.99	13.35	10.29	11.82	13.67	11.00	12.32	14.51	11.86	13.32
2	13.46	10.67	12.06	13.39	10.56	12.02	13.79	10.89	12.53	14.83	11.83	13.50
3	13.36	10.41	11.75	13.34	10.43	11.86	14.02	11.19	12.85	15.18	11.98	13.68
4	12.90	9.96	11.71	13.39	10.51	12.06	14.21	11.62	13.09	14.53	12.29	13.46
5	13.28	10.65	12.09	13.35	10.28	11.95	14.27	11.16	12.90	14.47	11.52	12.97
6	13.28	10.54	12.06	13.05	10.02	11.76	13.78	11.00	12.49	14.12	11.56	12.58
7	13.41	10.36	12.10	13.12	10.19	11.81	13.96	10.49	12.38	14.32	10.86	12.50
8	13.75	11.07	12.34	13.20	10.19	11.79	13.66	11.11	12.27	14.13	10.86	12.54
9	13.40	10.57	12.04	13.32	9.60	11.67	13.83	10.06	11.95	14.16	11.31	12.77
10	13.44	10.42	11.93	13.48	10.01	11.81	14.27	11.09	12.58	13.99	11.43	12.65
11	14.44	10.59	12.28	14.00	9.77	11.84	14.17	11.50	12.85	13.80	11.15	12.59
12	14.49	11.58	12.92	14.07	10.72	12.35	14.15	11.37	12.69	13.89	11.49	12.77
13	14.36	11.55	12.86	14.12	10.98	12.51	14.18	11.15	12.65	13.84	11.43	12.73
14	14.29	11.27	12.68	14.10	11.25	12.57	14.03	11.20	12.55	13.68	11.38	12.64
15	14.15	10.54	12.36	14.06	11.21	12.64	13.79	10.65	12.31	14.19	11.14	12.89
16	13.74	10.81	12.22	13.94	11.17	12.57	13.34	10.55	12.06	13.06	10.28	11.70
17	13.71	10.81	12.22	13.70	10.97	12.33	13.28	10.49	12.08	13.49	10.18	11.87
18	13.90	11.11	12.70	13.43	10.60	12.11	13.50	10.42	12.15	13.80	10.47	12.08
19	14.12	11.81	12.84	13.22	10.21	11.82	12.96	10.01	11.64	13.66	10.96	12.19
20	13.57	10.84	12.31	12.93	9.93	11.54	13.59	10.16	11.78	13.82	10.59	12.14
21	13.38	10.24	11.99	13.03	9.96	11.60	12.98	10.38	11.66	14.25	10.96	12.45
22	13.49	10.55	12.14	13.17	10.42	11.87	13.59	10.28	11.78	14.40	11.14	12.70
23	13.78	10.96	12.33	13.27	10.84	12.00	14.16	10.94	12.33	14.66	11.47	12.97
24	13.94	11.20	12.40	13.30	10.31	11.82	13.98	11.21	12.50	14.40	11.83	13.17
25	13.94	10.76	12.20	13.24	10.22	11.82	14.33	11.24	12.48	14.01	11.66	12.87
26	13.49	10.80	12.08	13.29	10.10	11.76	13.70	10.82	12.37	14.16	11.28	12.68
27	13.52	9.67	11.58	13.65	10.64	11.95	14.13	10.35	12.11	13.90	11.04	12.70
28	13.40	10.20	11.47	13.77	11.07	12.29	14.02	10.54	12.23	14.13	11.55	12.89
29	13.26	8.90	11.16	13.76	10.88	12.30	13.89	11.22	12.51	14.72	11.50	13.09
30	13.25	9.65	11.38	13.69	11.00	12.35	13.83	11.27	12.73	14.20	11.14	12.83
31	---	---	---	13.73	10.78	12.21	14.12	11.29	12.89	---	---	---
MONTH	14.49	8.90	12.14	14.12	9.60	12.03	14.33	10.01	12.38	15.18	10.18	12.73
YEAR	15.18	8.90	12.13									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1983 to current year.

pH: April 1983 to September 1993 (discontinued).

WATER TEMPERATURE: August 1975 to current year.

DISSOLVED OXYGEN: April 1983 to September 1993 (discontinued).

INSTRUMENTATION.--Data collection platform and mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sep. 17, 1985; minimum, 40 microsiemens, Sep. 7, 1987.

pH: Maximum, 8.4 units, Jul. 26, 27, 1988; minimum, 5.6 units, Sep. 7, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981, Dec. 25, 1989.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23, 1988; minimum, 0.0 mg/L, Sep. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 171 microsiemens, Mar. 14; minimum, 83 microsiemens, May 2.

WATER TEMPERATURE: Maximum, 31.5°C, Jul. 31, Aug. 1, 2; minimum, 8.0°C, Jan. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	94	92	93	101	96	98	109	100	103	104	102	103
2	95	92	93	102	96	99	107	100	102	106	102	104
3	101	92	94	104	97	99	111	102	106	110	103	105
4	112	94	98	106	96	98	110	98	102	105	102	104
5	114	93	97	109	96	100	108	96	101	105	101	103
6	110	92	95	102	95	97	117	102	108	103	101	102
7	105	92	95	98	93	95	115	102	106	105	101	103
8	99	92	94	103	94	98	112	98	105	105	102	104
9	99	92	94	104	97	100	106	98	101	107	103	104
10	100	93	96	104	97	100	105	100	102	107	102	105
11	99	94	96	102	97	100	102	99	101	106	100	103
12	101	94	97	99	96	98	102	99	100	103	101	102
13	100	95	97	100	95	97	103	100	101	103	101	102
14	98	94	96	98	94	96	103	100	102	105	102	103
15	98	95	97	100	96	98	101	98	100	104	101	103
16	100	95	97	100	97	99	100	95	97	103	101	102
17	100	94	96	101	97	99	99	95	97	105	101	103
18	102	96	98	100	96	98	100	97	99	114	103	109
19	98	95	96	99	96	97	118	99	104	111	101	103
20	100	95	97	99	96	97	142	107	118	102	99	101
21	102	96	99	99	95	97	128	102	113	109	101	104
22	101	98	99	100	96	98	156	104	121	105	103	104
23	100	94	96	103	98	100	112	99	102	107	102	104
24	99	95	97	102	98	100	104	98	100	104	100	102
25	99	96	97	102	99	100	101	97	99	105	101	104
26	99	96	97	101	98	100	99	97	98	105	103	104
27	99	95	97	99	97	98	102	98	100	107	104	106
28	99	96	98	99	96	98	104	101	102	108	106	107
29	98	96	97	101	97	99	107	103	105	108	106	107
30	98	96	97	105	99	102	105	101	103	109	106	108
31	99	96	97	---	---	---	105	102	103	111	108	109
MONTH	114	92	96	109	93	98	156	95	103	114	99	104

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	109	107	108	125	119	122	118	115	116	110	98	104
2	109	106	107	125	120	122	118	115	117	102	83	94
3	110	108	109	120	116	118	119	114	117	98	84	92
4	111	108	110	118	116	117	117	114	116	101	93	97
5	112	109	110	118	116	117	116	114	115	98	95	96
6	112	110	111	119	116	117	117	114	116	105	97	101
7	111	109	110	119	118	118	118	115	117	107	104	106
8	112	109	111	119	116	118	117	114	115	109	105	107
9	112	110	111	119	116	118	117	113	115	110	105	107
10	111	109	110	119	117	117	116	114	115	111	107	109
11	111	109	110	119	116	118	117	114	115	113	107	110
12	112	109	111	120	117	118	116	114	115	112	108	110
13	111	109	110	133	118	121	118	114	116	111	108	109
14	112	109	110	171	120	135	120	115	117	114	109	110
15	115	111	113	125	117	119	131	116	121	120	114	117
16	115	113	114	127	119	122	135	113	119	121	108	114
17	116	114	115	128	120	124	120	114	117	116	108	111
18	117	114	116	130	121	126	120	114	116	115	108	110
19	126	115	119	122	118	119	129	113	119	116	109	112
20	121	115	117	120	116	118	119	113	116	115	109	111
21	125	114	117	130	117	123	122	113	116	117	111	113
22	118	113	115	124	119	122	118	112	115	112	108	110
23	118	114	115	121	118	120	115	112	113	113	109	111
24	117	115	116	121	118	120	117	113	114	115	111	113
25	119	115	117	121	118	119	123	113	117	114	109	112
26	120	117	118	119	116	117	133	116	122	115	110	112
27	120	117	118	117	115	116	132	115	121	114	109	111
28	126	118	121	120	116	118	124	110	115	113	104	106
29	---	---	---	121	118	120	118	110	113	105	104	104
30	---	---	---	122	117	119	116	107	110	115	104	112
31	---	---	---	120	116	117	---	---	---	118	111	115
MONTH	126	106	113	171	115	120	135	107	116	121	83	108

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	115	112	114	115	109	112	118	110	114	120	110	114
2	114	110	112	111	108	109	119	110	113	113	109	111
3	114	109	112	113	108	109	120	110	113	112	109	111
4	113	109	111	113	108	110	120	110	114	112	109	111
5	115	109	111	114	108	111	121	108	113	115	110	112
6	116	110	113	115	108	111	121	104	105	114	110	112
7	116	112	114	112	108	111	108	106	107	117	112	114
8	112	109	111	112	108	110	112	106	108	117	112	115
9	113	110	111	113	107	110	116	107	110	115	112	114
10	114	110	111	114	107	111	116	111	113	115	112	113
11	114	110	112	115	110	113	123	113	117	117	112	114
12	114	110	112	112	108	110	117	111	113	121	114	116
13	118	110	112	116	108	111	116	111	114	120	115	117
14	121	112	115	117	108	111	113	111	112	125	114	117
15	116	112	114	121	109	114	114	111	112	123	109	115
16	124	112	116	115	107	111	114	112	113	114	109	112
17	122	113	117	113	108	111	114	111	112	113	111	112
18	127	110	115	114	110	112	112	110	111	116	112	113
19	114	107	110	112	110	111	112	109	111	117	113	115
20	115	107	111	111	108	110	112	110	111	116	114	115
21	116	109	113	112	108	109	112	110	111	129	113	116
22	113	108	110	114	109	111	113	110	112	132	115	119
23	112	108	110	113	108	111	115	111	113	128	115	120
24	115	109	112	112	108	110	122	112	116	125	112	119
25	117	112	115	113	108	110	119	111	114	143	114	123
26	117	109	113	113	108	110	113	110	112	139	118	128
27	112	107	110	115	109	112	116	110	112	151	131	139
28	119	111	115	119	108	114	117	111	113	145	130	137
29	122	117	120	117	110	114	131	112	116	131	122	127
30	119	109	112	115	110	112	158	117	131	123	116	119
31	---	---	---	116	109	112	155	115	124	---	---	---
MONTH	127	107	113	121	107	111	158	104	113	151	109	117
YEAR	171	83	109									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.5	26.0	26.0	21.0	20.0	20.5	17.5	17.0	17.5	10.5	10.0	10.5
2	26.0	26.0	26.0	21.0	20.5	20.5	17.5	17.0	17.5	10.5	10.0	10.0
3	26.0	25.5	25.5	20.5	20.0	20.5	18.0	17.0	17.5	11.5	10.5	11.0
4	26.0	25.5	26.0	20.5	19.5	20.0	18.0	17.5	17.5	11.0	10.0	10.0
5	26.0	25.5	26.0	19.5	18.0	19.0	18.0	17.5	17.5	10.0	9.0	9.0
6	26.0	25.5	25.5	18.5	17.5	18.0	18.5	18.0	18.0	9.0	8.5	8.5
7	25.5	25.0	25.5	18.5	17.0	17.5	18.5	18.0	18.0	8.5	8.0	8.5
8	25.5	25.0	25.5	17.5	16.5	17.0	18.5	18.0	18.5	9.0	8.5	9.0
9	25.5	25.0	25.5	17.5	17.0	17.0	18.5	18.0	18.0	10.0	9.0	9.5
10	25.5	24.5	25.0	18.0	17.0	17.5	18.0	17.0	17.5	10.0	9.0	9.5
11	24.5	24.0	24.5	18.5	18.0	18.0	17.5	17.0	17.0	9.0	8.5	9.0
12	24.5	24.0	24.5	18.0	17.5	17.5	17.0	16.5	16.5	9.0	8.5	9.0
13	24.5	24.5	24.5	17.5	17.0	17.0	16.5	16.5	16.5	9.5	9.0	9.0
14	24.5	24.0	24.5	17.0	17.0	17.0	16.5	15.5	16.0	10.0	9.5	9.5
15	24.5	24.0	24.0	17.5	17.0	17.0	15.5	14.0	15.0	10.5	10.0	10.0
16	24.0	23.5	24.0	17.5	17.5	17.5	14.0	13.5	14.0	10.0	9.5	10.0
17	23.5	23.0	23.5	18.5	17.5	18.0	14.0	13.0	13.5	10.5	9.5	10.0
18	23.5	23.0	23.5	18.0	17.5	18.0	13.0	12.5	12.5	11.5	10.5	11.0
19	24.0	23.0	23.5	18.0	17.0	17.5	13.0	12.5	12.5	11.5	10.0	10.5
20	24.0	23.5	24.0	18.0	17.5	17.5	13.5	12.5	13.0	11.0	10.0	10.5
21	24.0	23.0	23.5	17.5	17.0	17.5	14.0	13.0	13.5	11.5	10.5	11.0
22	23.0	21.5	22.0	17.0	16.5	17.0	15.0	14.0	14.5	12.0	11.0	11.5
23	21.5	20.5	21.0	17.0	16.5	17.0	14.5	13.0	13.5	13.0	11.5	12.0
24	20.5	19.5	20.0	17.5	17.0	17.5	13.0	12.0	12.5	12.5	12.0	12.0
25	20.0	19.5	20.0	18.0	17.0	17.5	12.0	11.5	12.0	13.0	12.5	12.5
26	20.0	19.5	20.0	17.5	17.0	17.5	11.5	10.5	11.0	13.5	12.5	13.0
27	20.0	19.5	20.0	17.0	16.5	17.0	10.5	10.0	10.5	13.5	12.5	13.0
28	20.0	19.5	20.0	17.0	16.5	16.5	11.0	10.5	10.5	14.0	13.0	13.5
29	20.0	19.5	20.0	17.0	16.5	16.5	11.0	10.5	11.0	14.0	13.0	13.5
30	20.0	20.0	20.0	17.5	16.5	17.0	11.0	10.5	10.5	14.0	13.5	13.5
31	20.5	20.0	20.5	---	---	---	10.5	10.0	10.5	13.5	11.5	12.0
MONTH	26.5	19.5	23.4	21.0	16.5	17.8	18.5	10.0	14.6	14.0	8.0	10.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	11.5	11.5	13.0	12.5	13.0	15.5	14.5	15.0	16.5	15.0	15.5
2	13.0	12.0	12.5	13.0	12.0	12.5	17.0	15.0	16.0	16.0	14.5	15.0
3	13.0	12.0	12.5	13.0	11.5	12.5	17.5	16.0	16.5	17.5	15.0	16.0
4	14.0	13.0	13.5	11.5	10.5	11.0	18.5	16.5	17.5	18.5	16.5	17.5
5	14.0	13.0	13.5	12.0	11.0	11.5	18.5	17.0	17.5	19.0	17.5	18.0
6	13.5	12.5	13.0	13.0	11.5	12.0	18.5	17.0	18.0	19.0	17.5	18.5
7	14.0	13.0	13.5	13.0	12.0	12.5	18.5	17.0	18.0	19.5	18.0	18.5
8	14.5	13.5	14.0	12.5	11.0	11.5	19.0	17.0	17.5	20.0	19.0	19.5
9	14.5	14.0	14.0	11.5	11.0	11.5	18.5	17.5	18.0	21.5	19.5	20.5
10	14.5	13.5	14.0	12.0	10.5	11.0	19.0	18.0	18.5	20.5	19.5	20.0
11	15.0	13.5	14.5	11.5	10.5	11.0	20.5	19.0	19.5	20.5	19.0	19.5
12	15.0	14.0	14.5	12.0	11.0	11.5	20.0	18.5	19.5	20.0	19.0	19.5
13	14.0	13.0	13.5	12.0	11.0	11.5	20.0	19.0	19.5	21.0	19.0	20.0
14	13.0	12.0	12.5	12.5	11.5	12.0	20.5	19.0	19.5	21.5	20.5	21.0
15	12.5	12.0	12.0	12.5	11.0	11.5	20.0	19.5	20.0	21.5	20.5	20.5
16	13.0	12.0	12.5	12.5	10.5	11.5	20.0	19.0	19.5	22.0	20.0	21.0
17	14.0	12.5	13.0	13.5	12.0	12.5	19.0	18.5	19.0	21.5	20.0	21.0
18	14.5	13.5	14.0	14.0	13.0	13.5	19.0	18.0	18.5	22.5	20.5	21.5
19	14.5	14.0	14.0	14.5	13.0	13.5	19.5	18.5	19.0	23.0	22.0	22.5
20	14.0	13.0	13.5	14.5	13.0	13.5	19.5	18.5	19.0	23.5	22.0	22.5
21	13.5	12.5	13.0	15.0	14.0	14.5	21.0	19.0	20.0	23.5	22.0	23.0
22	12.5	11.0	11.5	15.0	13.0	14.0	21.0	19.5	20.0	23.0	22.0	22.5
23	11.5	10.5	11.0	14.5	13.0	14.0	21.0	20.0	20.0	23.5	22.5	23.0
24	11.0	10.0	10.5	15.5	13.5	14.5	21.5	20.5	21.0	23.0	22.5	22.5
25	11.5	10.0	10.5	15.5	14.0	14.5	21.0	20.0	20.5	23.5	22.5	23.0
26	12.0	11.0	11.5	15.0	13.0	14.0	21.5	20.5	21.0	24.0	23.0	23.5
27	12.5	11.0	12.0	14.0	13.0	13.5	22.0	20.5	21.0	24.5	23.0	24.0
28	13.0	12.5	12.5	15.0	13.5	14.0	21.5	20.0	21.0	---	---	---
29	---	---	---	15.5	14.5	15.0	20.5	18.0	19.0	---	---	---
30	---	---	---	15.5	14.5	15.0	18.0	16.5	17.5	24.5	23.5	24.0
31	---	---	---	15.0	14.5	15.0	---	---	---	25.0	24.0	24.5
MONTH	15.0	10.0	12.8	15.5	10.5	12.9	22.0	14.5	18.9	25.0	14.5	20.6

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.5	22.0	23.5	26.0	25.5	25.5	31.5	30.5	31.0	27.5	26.5	27.0
2	23.5	22.5	23.0	26.5	25.0	26.0	31.5	30.0	30.5	27.0	26.5	27.0
3	24.5	22.5	23.5	27.0	26.0	26.5	30.5	30.0	30.5	27.0	26.5	27.0
4	25.5	23.5	24.5	27.0	26.0	26.5	30.5	30.0	30.0	27.0	26.5	26.5
5	26.0	25.0	25.5	27.5	26.5	27.0	30.5	30.0	30.5	27.0	26.5	27.0
6	26.0	25.0	26.0	27.5	26.5	27.0	30.5	30.0	30.5	27.5	26.5	27.0
7	26.0	25.0	25.5	27.0	26.0	26.5	31.0	30.0	30.5	28.0	27.0	27.5
8	26.0	25.0	25.5	27.5	27.0	27.0	30.5	30.0	30.5	27.5	27.0	27.5
9	26.5	25.5	26.0	28.0	27.0	27.5	30.5	29.5	30.0	27.5	26.5	27.0
10	27.0	25.5	26.0	28.5	27.5	28.0	30.5	30.0	30.0	27.5	26.5	27.0
11	26.5	25.5	26.0	28.0	27.5	28.0	30.5	30.0	30.5	27.5	27.0	27.0
12	26.5	25.5	26.0	28.0	27.0	27.5	30.5	30.0	30.5	27.0	26.5	27.0
13	27.0	25.5	26.0	28.0	27.5	27.5	31.0	30.5	30.5	26.5	26.0	26.5
14	27.0	26.0	26.5	27.5	27.0	27.0	31.0	30.0	30.5	26.5	26.0	26.0
15	26.5	26.0	26.5	28.0	27.0	27.5	30.5	30.0	30.0	26.0	24.0	25.5
16	27.0	26.0	26.5	27.5	27.5	27.5	30.5	30.0	30.5	24.0	23.5	24.0
17	27.0	26.0	26.5	28.0	27.0	27.5	30.5	30.0	30.5	24.0	23.5	24.0
18	26.5	25.5	26.0	28.0	27.5	28.0	30.5	30.0	30.5	24.5	23.5	24.0
19	26.5	25.0	25.5	28.0	27.5	28.0	30.5	30.0	30.5	24.0	23.5	24.0
20	25.0	24.5	25.0	28.5	28.0	28.0	30.5	29.5	30.0	23.5	23.5	23.5
21	25.0	24.5	24.5	29.5	28.5	29.0	30.0	29.5	30.0	24.0	23.0	23.5
22	25.0	24.5	25.0	30.0	29.0	29.5	30.0	29.5	30.0	23.5	23.0	23.5
23	25.5	24.5	25.0	30.0	29.0	29.5	30.0	29.5	30.0	23.0	22.5	22.5
24	26.0	25.0	25.5	30.5	29.5	30.0	30.0	29.5	29.5	22.5	22.0	22.5
25	26.0	25.5	25.5	30.0	29.0	29.5	29.5	29.0	29.5	23.0	22.0	22.5
26	25.5	25.0	25.5	30.5	29.0	29.5	30.0	29.0	29.5	23.5	23.0	23.0
27	26.5	25.5	26.0	30.5	29.5	30.0	29.5	29.0	29.5	23.5	23.0	23.5
28	26.5	25.5	26.0	31.0	30.0	30.5	29.0	28.5	29.0	23.5	22.5	23.0
29	26.0	25.0	25.5	31.0	30.0	30.5	29.5	28.0	28.5	23.5	23.0	23.0
30	26.0	25.0	25.5	31.0	30.0	30.5	28.0	27.5	28.0	23.5	23.0	23.5
31	---	---	---	31.5	30.5	31.0	27.5	27.0	27.5	---	---	---
MONTH	27.0	22.0	25.5	31.5	25.0	28.2	31.5	27.0	30.0	28.0	22.0	25.1
YEAR	31.5	8.0	20.1									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal, 0.5 mi upstream of Secondary Road 9, and at mi 1.7.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1990 to current year. Records prior to October 1990 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 14.04 ft below sea level.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 18.79 ft, Oct. 8, 1996; minimum gage height, 11.92 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.33 ft, Sep. 3; minimum gage height, 13.22 ft, Jun. 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.32	15.00	16.24	17.31	15.01	16.17	16.65	13.97	15.43	16.94	14.56	15.87
2	17.44	15.00	16.19	17.54	15.21	16.42	16.96	14.11	15.59	17.46	14.82	16.30
3	17.17	15.16	16.30	17.57	15.44	16.56	17.04	13.97	15.74	17.48	15.16	16.41
4	17.32	14.99	16.16	17.31	15.04	16.27	17.12	14.27	15.94	16.60	13.70	15.29
5	17.46	15.22	16.39	17.49	14.92	16.38	16.67	14.08	15.44	16.54	13.94	15.33
6	17.85	15.44	16.64	17.67	15.48	16.74	16.74	13.72	15.45	16.58	14.33	15.52
7	17.79	15.90	16.88	17.39	15.30	16.32	16.68	13.92	15.41	16.15	14.00	15.12
8	17.58	15.51	16.58	17.01	14.54	15.87	16.39	13.65	15.32	16.17	14.24	15.25
9	17.23	15.04	16.15	16.67	14.38	15.73	16.05	13.56	15.00	16.09	13.94	15.16
10	16.92	14.49	15.86	16.82	14.62	15.82	16.32	14.62	15.54	16.04	14.27	15.36
11	16.96	14.52	15.85	16.52	14.54	15.66	16.81	15.18	15.99	16.31	14.59	15.45
12	16.93	14.38	15.82	16.34	14.58	15.46	16.81	15.16	16.07	16.18	14.36	15.21
13	17.25	14.82	16.12	17.05	14.66	16.00	16.57	14.90	15.70	16.24	14.01	15.08
14	17.42	15.10	16.37	16.78	14.88	15.95	16.64	14.42	15.56	16.09	13.85	15.13
15	17.26	15.04	16.26	16.57	14.47	15.61	17.27	15.20	16.33	16.47	14.03	15.29
16	17.60	15.34	16.35	16.75	14.32	15.57	16.49	14.39	15.56	16.72	14.09	15.48
17	17.14	15.28	16.31	16.55	14.43	15.55	16.59	14.21	15.31	16.92	14.28	15.64
18	17.39	14.92	16.18	16.87	14.23	15.67	16.57	13.47	15.20	16.89	14.51	15.69
19	17.10	15.22	16.21	17.01	14.88	16.09	16.52	14.21	15.39	16.80	14.16	15.54
20	16.59	14.26	15.59	16.97	14.71	15.93	16.42	14.03	15.29	16.75	14.32	15.64
21	16.58	14.35	15.57	16.66	14.28	15.47	16.36	14.19	15.29	16.47	14.33	15.49
22	16.82	14.45	15.68	16.46	14.24	15.40	16.26	13.98	15.20	16.80	14.62	15.79
23	17.12	14.91	16.04	16.69	14.20	15.55	16.75	14.15	15.57	16.84	14.71	15.94
24	16.78	14.68	15.77	16.33	13.77	15.27	16.70	14.67	15.74	17.08	15.01	16.17
25	16.70	14.52	15.69	16.45	14.08	15.45	17.07	14.85	16.04	16.71	14.71	15.88
26	16.62	14.49	15.60	16.40	14.14	15.45	17.05	15.36	16.32	16.66	14.72	15.89
27	16.49	14.49	15.49	16.51	14.12	15.43	17.07	15.08	16.31	17.19	15.03	16.07
28	17.08	15.07	15.96	16.45	14.19	15.58	16.94	15.08	16.06	16.99	14.47	15.73
29	16.99	14.71	15.98	16.40	14.17	15.45	17.19	15.13	16.29	16.88	14.44	15.63
30	17.31	15.01	16.17	16.44	14.15	15.39	17.14	14.78	15.92	17.31	14.36	16.03
31	17.15	14.80	16.04	---	---	---	17.08	14.56	15.90	17.74	15.25	16.70
MONTH	17.85	14.26	16.08	17.67	13.77	15.81	17.27	13.47	15.67	17.74	13.70	15.65

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18.12	16.04	17.13	16.70	13.58	15.29	17.16	14.76	15.84	17.83	16.51	17.22
2	17.81	15.92	16.91	17.35	14.52	16.03	16.68	14.31	15.51	17.97	16.23	17.16
3	17.26	15.10	16.18	17.44	15.23	16.31	16.86	14.80	15.88	17.96	15.64	16.83
4	16.89	14.52	15.71	16.57	13.69	15.26	16.86	14.73	15.81	17.33	15.42	16.35
5	16.80	14.61	15.62	16.75	14.60	15.72	16.66	14.49	15.76	17.16	15.17	16.17
6	16.83	15.14	15.95	16.49	14.46	15.47	17.22	14.97	16.16	17.14	15.20	16.15
7	16.40	14.57	15.50	16.14	13.91	15.04	16.59	14.66	15.76	16.92	14.61	15.82
8	16.19	14.25	15.24	16.58	15.09	15.69	16.50	14.55	15.53	16.60	14.05	15.45
9	16.56	14.69	15.94	16.70	15.00	15.90	16.57	14.62	15.66	16.28	14.01	15.28
10	16.78	14.98	15.96	16.24	14.77	15.64	16.46	14.61	15.62	16.84	14.38	15.67
11	16.78	14.88	15.95	16.53	14.92	15.79	17.27	15.08	16.53	16.92	14.85	15.93
12	16.77	14.78	15.85	16.75	14.63	15.78	16.92	14.93	16.05	17.35	14.99	16.22
13	16.34	14.24	15.16	16.46	14.50	15.61	17.45	14.91	16.12	17.33	15.24	16.27
14	16.81	13.65	15.54	17.71	14.81	16.49	17.51	15.08	16.28	17.44	14.89	16.12
15	17.26	14.90	16.09	17.08	14.84	16.18	17.64	15.33	16.40	17.69	15.34	16.41
16	17.26	14.49	15.93	17.05	14.48	15.82	17.36	14.65	16.08	17.67	15.71	16.67
17	16.86	14.44	15.74	16.92	14.64	15.77	16.96	14.02	15.53	17.78	15.89	16.78
18	17.00	14.71	15.91	16.95	14.32	15.67	16.88	13.71	15.38	17.78	15.49	16.76
19	17.24	15.03	16.28	17.09	14.41	15.92	16.53	14.06	15.32	17.61	15.32	16.45
20	17.40	15.54	16.51	17.23	14.59	15.93	16.66	13.99	15.39	17.32	15.16	16.29
21	17.45	15.58	16.51	17.02	14.58	15.89	16.19	13.85	15.14	17.01	14.93	16.15
22	17.26	15.63	16.39	16.65	14.24	15.39	16.74	14.22	15.58	17.03	14.88	16.01
23	17.38	15.76	16.68	16.49	14.37	15.50	16.48	14.01	15.43	16.83	14.59	15.82
24	17.44	15.20	16.54	16.41	14.40	15.34	16.26	13.91	15.16	16.54	14.35	15.64
25	17.35	15.09	16.22	16.29	14.30	15.39	16.80	14.66	15.94	16.90	14.02	15.50
26	17.05	14.74	16.10	16.88	14.52	16.09	16.99	14.66	15.85	16.89	14.39	15.63
27	17.24	15.14	16.14	16.82	14.86	15.82	17.01	14.67	15.85	16.81	14.39	15.63
28	16.97	14.82	15.79	16.51	14.37	15.48	17.15	15.22	16.22	17.31	14.89	15.90
29	---	---	---	16.63	14.04	15.43	17.32	15.19	16.30	17.00	14.68	15.84
30	---	---	---	17.19	14.57	15.80	17.74	15.65	16.72	16.81	14.21	15.51
31	---	---	---	17.27	15.18	16.23	---	---	---	16.92	14.46	15.59
MONTH	18.12	13.65	16.05	17.71	13.58	15.73	17.74	13.71	15.83	17.97	14.01	16.10

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	16.96	14.85	15.80	16.73	14.52	15.56	17.04	15.13	16.11	17.80	16.01	17.04
2	16.93	14.88	15.82	16.89	14.77	15.80	17.17	15.01	16.28	18.08	16.09	17.25
3	16.88	14.65	15.56	16.87	14.55	15.71	17.39	15.38	16.61	18.33	16.28	17.43
4	16.47	14.24	15.49	16.79	14.69	15.83	17.54	15.82	16.85	18.00	16.45	17.33
5	16.79	14.86	15.92	16.74	14.45	15.74	17.63	15.37	16.69	17.77	15.63	16.80
6	16.80	14.85	15.94	16.54	14.20	15.56	17.26	15.05	16.34	17.46	15.44	16.42
7	16.82	14.62	15.92	16.62	14.26	15.57	17.32	14.69	16.18	17.63	15.03	16.30
8	17.13	15.04	16.10	16.68	14.18	15.56	17.16	15.02	16.08	17.53	15.05	16.35
9	16.79	14.64	15.83	16.72	13.78	15.45	17.17	14.28	15.75	17.59	15.51	16.53
10	16.81	14.42	15.71	16.83	14.07	15.56	17.60	15.25	16.35	17.43	15.64	16.48
11	17.58	14.73	16.02	17.34	14.11	15.65	17.59	15.70	16.62	17.31	15.39	16.42
12	17.80	15.65	16.65	17.49	14.92	16.20	17.55	15.49	16.51	17.43	15.69	16.65
13	17.73	15.67	16.66	17.52	15.15	16.36	17.45	15.40	16.44	17.42	15.69	16.60
14	17.70	15.38	16.53	17.50	15.43	16.40	17.41	15.40	16.38	---	---	---
15	17.53	14.81	16.24	17.54	15.51	16.45	17.15	14.92	16.14	17.72	15.60	16.75
16	17.19	15.02	16.04	17.43	15.32	16.40	16.94	14.81	15.92	16.65	14.69	15.77
17	17.19	15.00	16.07	17.21	15.17	16.15	16.74	14.60	15.87	17.01	14.45	15.78
18	17.30	15.26	16.43	16.98	14.78	15.93	16.88	14.57	15.93	17.19	14.72	15.96
19	17.59	15.85	16.70	16.61	14.36	15.62	16.44	14.12	15.48	17.12	15.01	16.04
20	17.18	15.03	16.20	16.35	14.00	15.33	16.92	14.21	15.54	17.18	14.80	15.98
21	16.81	14.47	15.79	16.47	14.00	15.36	16.43	14.30	15.48	17.52	15.14	16.27
22	16.89	14.68	15.93	16.67	14.53	15.66	16.95	14.32	15.57	17.68	15.38	16.54
23	17.19	14.95	16.12	16.77	14.87	15.77	17.44	15.01	16.12	17.96	15.70	16.77
24	17.31	15.11	16.17	16.73	14.35	15.61	17.36	15.21	16.29	17.77	16.07	16.97
25	17.23	14.73	16.00	16.69	14.34	15.62	17.57	15.25	16.25	17.53	15.84	16.74
26	16.87	14.73	15.88	16.71	14.22	15.55	17.17	15.02	16.18	17.47	15.57	16.54
27	16.76	13.92	15.43	17.03	14.58	15.70	17.41	14.62	15.95	17.39	15.34	16.54
28	16.74	14.06	15.25	17.22	15.13	16.07	17.35	14.81	16.07	17.57	15.71	16.74
29	16.51	13.22	15.01	---	---	---	17.30	15.46	16.38	18.00	15.85	16.96
30	16.70	13.80	15.19	---	---	---	17.32	15.48	16.54	17.68	15.59	16.77
31	---	---	---	17.20	14.89	16.04	17.48	15.56	16.69	---	---	---
MONTH	17.80	13.22	15.95	17.54	13.78	15.80	17.63	14.12	16.18	18.33	14.45	16.58
YEAR	18.33	13.22	15.95									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1981 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1980 to current year.

pH: February 1981 to September 1993 (discontinued).

WATER TEMPERATURE: February 1981 to current year.

DISSOLVED OXYGEN: February 1981 to September 1993 (discontinued).

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 609 microsiemens, Oct. 21, 1991; minimum, 43 microsiemens Sep. 7, 1987.

pH: Maximum, 8.4 units, Oct. 4, 10, 1987, Mar. 8, 1988; minimum, 5.3 units Sept. 7-8, 1986, May 7, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 20, 1986; minimum, 1.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 17, 1990; minimum, 0.0 mg/L, Sep. 23-Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 583 microsiemens, Mar. 14; minimum, 86 microsiemens, Oct. 24.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 1; minimum, 7.0°C, Jan. 6, 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	105	96	99	113	96	102	---	---	---	125	102	110
2	104	96	100	122	100	108	122	95	107	162	104	126
3	133	97	103	168	102	117	190	93	126	143	104	124
4	136	102	114	121	100	108	132	99	117	124	104	112
5	172	102	122	165	97	116	138	99	113	110	102	105
6	183	102	121	116	91	106	186	109	135	106	100	103
7	146	100	114	100	90	95	153	108	125	105	100	103
8	121	99	109	111	87	96	142	106	121	104	101	103
9	112	99	107	114	93	100	124	99	108	110	102	106
10	120	97	106	118	93	103	118	97	106	114	104	109
11	115	97	105	112	99	105	108	95	100	107	102	105
12	119	101	109	110	95	101	98	95	96	106	101	103
13	112	101	107	102	93	97	99	95	97	106	101	104
14	110	98	104	102	92	96	100	96	98	115	101	106
15	108	95	100	107	95	99	100	93	96	123	103	110
16	105	94	98	106	96	102	98	93	96	117	101	108
17	105	94	98	109	100	104	99	95	97	124	106	113
18	105	95	101	109	97	104	107	96	101	187	110	132
19	106	94	98	115	93	102	190	100	128	128	102	115
20	113	94	102	103	92	97	331	126	180	107	101	104
21	109	96	101	103	89	96	234	128	175	132	101	111
22	101	90	97	100	89	94	311	127	190	117	105	111
23	92	87	90	112	92	100	177	108	146	127	104	112
24	95	86	91	109	95	102	131	102	115	115	101	105
25	94	87	91	116	93	100	115	98	105	108	98	104
26	96	88	92	102	96	100	105	95	99	106	92	103
27	98	88	93	100	90	93	111	96	103	105	92	101
28	99	90	94	92	87	90	113	101	109	105	98	102
29	99	91	94	96	87	92	118	103	109	105	101	104
30	101	92	95	105	91	96	113	103	109	118	104	110
31	104	93	98	---	---	---	116	102	108	109	106	108
MONTH	183	86	102	168	87	101	331	93	117	187	92	109

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	107	104	105	163	126	138	123	117	121	122	102	111
2	107	104	105	168	127	146	123	118	120	---	---	---
3	106	100	104	144	121	134	121	117	119	---	---	---
4	108	97	104	132	118	123	122	116	119	94	87	90
5	108	100	106	121	117	119	121	116	118	95	90	92
6	109	105	108	121	117	119	134	116	122	98	91	95
7	109	106	108	122	118	120	123	117	120	104	96	101
8	109	107	108	126	118	121	121	116	118	107	101	104
9	112	108	110	120	118	119	119	116	117	106	101	104
10	110	109	110	120	117	118	118	116	117	107	104	106
11	115	109	111	120	118	119	120	116	118	107	105	106
12	116	110	112	125	119	121	119	116	117	109	105	107
13	112	109	111	197	120	143	138	117	125	111	106	107
14	112	110	111	583	145	300	160	124	133	121	106	110
15	114	111	112	230	135	179	232	130	162	123	110	115
16	116	113	114	192	128	149	239	126	175	130	111	121
17	123	115	118	178	138	154	151	122	137	160	113	132
18	135	118	124	182	131	154	159	124	137	175	114	136
19	194	123	144	143	122	134	197	117	148	152	114	128
20	159	126	139	132	121	126	153	118	129	140	111	121
21	167	123	143	175	123	148	139	116	127	146	111	123
22	147	121	132	147	125	134	138	118	125	124	108	114
23	159	118	133	149	121	132	124	115	119	119	108	112
24	127	117	123	135	118	127	131	115	120	112	106	109
25	130	118	124	130	119	125	152	121	135	110	105	109
26	134	120	127	134	117	124	197	130	152	112	108	110
27	139	120	128	124	117	120	199	135	162	119	108	110
28	167	124	136	128	118	122	179	126	154	120	108	112
29	---	---	---	139	122	129	148	118	134	113	107	110
30	---	---	---	137	122	129	139	111	122	118	108	111
31	---	---	---	135	119	125	---	---	---	131	111	118
MONTH	194	97	118	583	117	137	239	111	131	175	87	111

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	122	110	117	118	106	112	119	110	114	268	124	166
2	119	108	114	109	106	108	114	110	112	183	115	132
3	112	108	110	108	105	107	114	108	111	134	113	121
4	110	107	109	110	105	108	113	109	111	128	112	121
5	111	107	109	108	105	107	116	109	111	135	114	121
6	112	108	110	---	---	---	116	110	112	131	113	121
7	112	109	111	---	---	---	120	111	114	131	115	122
8	112	109	110	---	---	---	132	112	117	129	115	123
9	112	108	110	---	---	---	145	113	120	128	117	121
10	116	109	112	121	106	110	171	116	128	---	---	---
11	140	111	115	121	107	111	190	118	146	---	---	---
12	136	111	123	139	107	111	157	116	131	139	120	128
13	142	109	124	149	111	124	143	116	129	145	120	131
14	175	114	134	149	113	128	128	114	122	---	---	---
15	151	115	128	172	112	134	128	114	122	149	120	133
16	171	117	138	139	111	122	127	115	121	134	118	123
17	171	117	137	121	111	115	127	114	120	128	113	120
18	---	---	---	114	110	112	124	112	116	127	114	120
19	---	---	---	114	109	111	120	111	115	123	114	119
20	---	---	---	114	108	110	117	112	114	144	115	122
21	132	112	121	111	106	108	116	111	113	278	117	143
22	129	109	119	108	106	107	123	112	115	241	113	181
23	121	106	114	109	106	108	212	114	127	223	134	182
24	119	107	112	110	106	108	206	118	153	208	128	179
25	---	---	---	110	106	108	154	115	135	218	127	166
26	---	---	---	110	106	108	129	114	122	192	136	159
27	---	---	---	---	---	---	136	116	123	274	135	184
28	---	---	---	---	---	---	132	116	123	207	144	169
29	---	---	---	114	109	111	183	123	142	158	130	140
30	---	---	---	114	108	111	255	134	189	150	103	126
31	---	---	---	114	109	111	277	141	207	---	---	---
MONTH	175	106	118	172	105	112	277	108	127	278	103	140
YEAR	583	86	118									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	26.0	26.5	21.5	20.5	20.5	---	---	---	10.5	9.5	10.0
2	26.5	26.0	26.0	21.5	20.5	21.0	---	---	---	10.0	9.5	10.0
3	26.0	25.5	26.0	21.0	21.0	21.0	---	---	---	11.5	10.0	11.0
4	26.0	25.5	26.0	21.0	20.0	20.5	---	---	---	11.0	9.5	10.0
5	26.5	25.5	26.0	20.0	18.5	19.0	18.5	17.5	18.0	9.5	8.0	9.0
6	26.0	25.5	25.5	18.5	17.5	18.0	18.5	18.0	18.5	8.5	7.0	8.0
7	25.5	25.5	25.5	18.0	16.0	17.0	19.0	18.0	18.5	8.5	7.0	8.0
8	26.0	25.5	25.5	17.5	15.5	16.5	19.0	18.5	18.5	8.5	8.0	8.5
9	25.5	25.0	25.5	17.5	16.5	17.0	19.0	18.0	18.5	9.5	8.5	9.0
10	25.5	24.0	25.0	18.0	17.0	17.5	18.0	17.0	17.5	9.5	9.0	9.5
11	25.0	24.0	24.5	19.0	18.0	18.5	17.0	16.5	16.5	9.0	8.5	8.5
12	24.5	23.5	24.5	19.0	18.0	18.5	16.5	16.0	16.5	9.0	8.5	8.5
13	24.5	23.0	24.0	18.0	17.5	18.0	16.5	16.0	16.0	9.5	8.5	9.0
14	24.5	23.0	24.0	17.5	17.5	17.5	16.0	15.0	15.5	10.0	9.0	9.5
15	24.5	23.5	24.0	18.0	17.5	17.5	15.0	14.0	14.5	11.0	10.0	10.5
16	24.0	23.5	24.0	18.0	17.5	18.0	14.0	12.5	13.5	11.0	9.5	10.5
17	23.5	23.0	23.5	19.0	18.0	18.5	13.0	13.0	13.0	11.0	9.5	10.5
18	23.5	22.5	23.5	18.5	18.0	18.5	13.0	12.0	12.5	12.0	10.5	11.5
19	24.0	23.0	23.5	18.5	17.5	18.0	13.0	12.0	12.5	11.5	10.5	11.5
20	24.0	23.5	24.0	18.0	17.5	18.0	13.5	12.5	13.0	11.0	10.0	10.5
21	24.0	23.5	23.5	18.0	17.5	18.0	14.0	13.5	13.5	12.0	10.5	11.5
22	23.5	21.5	22.5	17.5	17.0	17.5	15.0	14.0	14.5	12.5	11.5	12.0
23	21.5	20.0	20.5	18.0	17.0	17.5	14.5	13.0	14.0	14.0	12.0	13.0
24	20.5	19.0	20.0	18.0	17.5	17.5	13.0	12.0	12.5	14.5	12.5	13.5
25	20.5	19.0	20.0	---	---	---	12.0	10.5	11.5	15.0	12.5	13.5
26	20.5	19.0	20.0	---	---	---	11.0	9.0	10.0	14.0	12.5	13.5
27	20.5	19.0	20.0	---	---	---	10.0	9.0	9.5	14.0	12.5	13.5
28	20.5	19.5	20.0	---	---	---	10.5	9.0	9.5	15.0	13.0	14.0
29	20.5	20.0	20.0	---	---	---	11.0	9.5	10.5	15.0	13.0	14.0
30	20.5	20.0	20.0	---	---	---	10.5	10.0	10.5	14.0	13.5	14.0
31	21.0	20.0	20.5	---	---	---	10.5	9.5	10.0	13.5	11.5	12.5
MONTH	27.0	19.0	23.4	21.5	15.5	18.3	19.0	9.0	14.0	15.0	7.0	10.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	11.0	11.5	13.5	12.5	13.0	---	---	---	16.0	15.0	15.5
2	13.0	11.5	12.5	13.5	12.5	13.0	---	---	---	---	---	---
3	13.5	12.5	13.0	13.0	12.0	13.0	---	---	---	---	---	---
4	14.0	13.0	13.5	12.0	11.0	11.5	---	---	---	18.0	16.5	17.0
5	14.0	13.5	13.5	12.0	11.0	11.5	---	---	---	19.0	18.0	18.5
6	13.5	13.0	13.5	13.0	11.5	12.0	---	---	---	20.0	19.0	19.5
7	14.0	13.0	13.5	13.0	12.5	12.5	---	---	---	21.0	19.0	20.0
8	14.5	13.5	14.0	---	---	---	19.5	17.5	18.5	21.0	19.5	20.5
9	15.0	14.5	14.5	---	---	---	19.0	18.0	19.0	21.5	20.5	21.0
10	15.0	14.0	14.5	---	---	---	20.0	18.5	19.0	22.0	20.5	21.5
11	15.5	14.0	14.5	---	---	---	21.0	19.5	20.0	21.5	20.5	21.0
12	16.0	14.5	15.5	---	---	---	21.0	19.5	20.5	21.5	20.5	21.0
13	15.0	13.5	14.5	---	---	---	20.5	19.0	20.0	22.0	20.0	21.0
14	13.5	12.0	12.5	---	---	---	20.5	19.0	20.0	22.5	21.0	21.5
15	12.5	11.5	12.0	---	---	---	20.5	20.0	20.0	22.0	21.5	21.5
16	13.0	11.5	12.5	---	---	---	20.5	19.5	20.0	22.0	21.0	21.5
17	14.0	12.5	13.0	---	---	---	19.5	18.5	19.0	22.0	21.5	22.0
18	14.5	13.5	14.0	---	---	---	19.0	18.0	18.5	23.0	22.0	22.5
19	15.0	14.0	14.5	---	---	---	19.5	18.0	19.0	23.5	22.5	23.0
20	14.5	13.5	14.0	---	---	---	20.0	19.0	19.5	24.0	23.0	23.5
21	13.5	12.5	13.0	---	---	---	20.5	19.5	20.0	24.5	23.5	24.0
22	12.5	11.0	11.5	---	---	---	21.5	20.5	21.0	24.5	23.0	24.0
23	11.0	10.0	10.5	---	---	---	22.0	20.5	21.0	24.5	23.5	24.0
24	10.5	10.0	10.0	---	---	---	22.0	21.0	21.5	24.5	23.5	24.0
25	11.0	9.5	10.0	---	---	---	21.5	21.0	21.0	25.0	23.5	24.0
26	11.5	10.5	11.0	---	---	---	22.0	21.0	21.5	25.5	24.0	24.5
27	12.5	11.0	11.5	---	---	---	23.0	21.0	22.0	26.0	24.5	25.0
28	13.5	12.0	12.5	---	---	---	22.0	20.5	21.5	26.0	24.5	25.5
29	---	---	---	---	---	---	21.0	18.5	20.0	26.5	24.5	25.5
30	---	---	---	---	---	---	18.5	16.0	17.0	26.5	25.0	25.5
31	---	---	---	---	---	---	---	---	---	26.5	25.5	26.0
MONTH	16.0	9.5	12.9	13.5	11.0	12.4	23.0	16.0	20.0	26.5	15.0	22.2

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.0	26.0	---	---	---	32.5	31.5	32.0	27.0	26.5	26.5
2	25.5	24.5	25.5	---	---	---	32.0	31.0	31.5	27.0	26.0	26.5
3	25.5	24.5	25.0	---	---	---	31.0	30.0	30.5	27.0	26.0	26.5
4	26.0	24.5	25.5	---	---	---	30.5	29.5	30.0	27.0	26.0	26.5
5	26.5	25.5	26.0	---	---	---	31.0	30.0	30.5	27.0	26.0	26.5
6	27.0	26.0	26.5	---	---	---	31.0	30.0	30.5	27.5	26.5	27.0
7	27.5	26.0	27.0	---	---	---	31.5	30.0	30.5	28.0	27.0	27.5
8	27.5	26.5	27.0	---	---	---	31.5	30.5	31.0	---	---	---
9	27.5	26.0	27.0	---	---	---	31.0	30.0	30.5	---	---	---
10	28.0	26.5	27.0	---	---	---	31.0	30.0	30.5	---	---	---
11	28.0	26.5	27.5	---	---	---	31.5	30.0	31.0	---	---	---
12	28.0	26.5	27.0	---	---	---	31.5	30.5	31.0	---	---	---
13	27.5	26.5	27.0	---	---	---	31.5	30.5	31.0	27.0	26.0	26.5
14	28.0	26.5	27.0	---	---	---	31.5	30.5	31.0	---	---	---
15	28.5	27.0	27.5	---	---	---	31.0	30.0	30.5	---	---	---
16	28.0	27.0	27.5	---	---	---	31.0	30.5	30.5	---	---	---
17	28.0	27.0	27.5	---	---	---	31.0	30.5	30.5	---	---	---
18	---	---	---	---	---	---	31.0	30.5	31.0	---	---	---
19	---	---	---	---	---	---	31.0	30.5	31.0	---	---	---
20	---	---	---	---	---	---	31.0	30.5	30.5	---	---	---
21	---	---	---	---	---	---	31.0	30.0	30.5	---	---	---
22	---	---	---	30.0	29.0	29.5	31.0	30.0	30.5	---	---	---
23	---	---	---	31.0	29.5	30.0	31.0	30.0	30.5	---	---	---
24	---	---	---	31.0	29.5	30.0	30.5	30.0	30.5	---	---	---
25	---	---	---	31.0	29.5	30.0	30.5	29.5	30.0	---	---	---
26	---	---	---	31.0	29.5	30.0	30.0	29.5	29.5	---	---	---
27	---	---	---	---	---	---	30.0	29.5	29.5	---	---	---
28	---	---	---	---	---	---	30.0	29.0	29.5	---	---	---
29	---	---	---	31.5	30.5	31.0	29.5	28.5	29.0	24.0	23.0	23.5
30	---	---	---	31.5	30.5	31.0	28.5	27.5	28.0	24.0	23.0	23.5
31	---	---	---	32.0	30.5	31.5	27.5	26.5	27.0	---	---	---
MONTH	28.5	24.5	26.7	32.0	29.0	30.4	32.5	26.5	30.3	28.0	23.0	26.0
YEAR	32.5	7.0	20.0									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27'', long 79°56'11'', Berkeley County, Hydrologic Unit 03050201, on right bank, 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Data collection platform. Datum of gage is 14.34 ft below sea level (U.S. Army Corps of Engineers benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.31 ft, Sep. 5, 1987; minimum gage height, 10.49 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.27 ft, Sep. 3; minimum gage height, 12.45 ft, Mar. 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.96	14.09	16.22	18.03	13.92	16.23	17.35	12.75	15.43	18.01	13.48	16.08
2	18.21	14.28	16.31	18.24	14.02	16.41	17.82	12.75	15.64	18.53	13.92	16.64
3	18.03	14.18	16.35	18.25	14.18	16.49	17.92	12.66	15.73	18.41	13.78	16.43
4	18.21	13.72	16.15	18.09	13.79	16.15	17.90	12.85	15.74	17.53	12.46	15.24
5	18.31	13.94	16.30	18.36	13.63	16.35	17.66	12.70	15.41	17.43	12.84	15.39
6	18.68	14.14	16.57	18.66	14.25	16.59	17.63	12.68	15.44	17.54	13.61	15.67
7	18.43	14.56	16.73	18.06	13.74	16.07	17.50	12.89	15.39	16.93	13.34	15.29
8	18.21	14.11	16.32	17.68	13.46	15.77	17.26	12.72	15.27	17.12	13.72	15.49
9	17.78	13.52	15.92	17.47	13.41	15.66	16.62	12.66	14.98	17.05	13.57	15.51
10	17.67	13.34	15.76	17.49	13.80	15.81	17.10	14.00	15.62	16.80	14.37	15.58
11	17.66	13.50	15.81	17.10	13.52	15.54	17.32	14.32	15.99	17.11	13.77	15.51
12	17.60	13.60	15.83	17.03	13.70	15.45	17.42	14.35	16.15	16.77	13.48	15.30
13	17.87	14.08	16.17	17.54	14.09	16.00	17.34	13.55	15.74	16.92	13.44	15.27
14	18.00	14.42	16.37	17.41	14.11	15.94	17.22	13.44	15.76	17.01	13.28	15.33
15	17.84	14.22	16.25	17.26	13.76	15.59	17.92	14.45	16.35	17.21	13.38	15.38
16	18.23	14.30	16.37	17.26	13.50	15.61	17.29	13.90	15.74	17.57	13.34	15.69
17	---	---	---	17.19	13.64	15.52	17.43	13.72	15.53	17.77	13.57	15.85
18	---	---	---	17.44	13.37	15.72	17.65	13.00	15.59	17.63	13.81	15.77
19	---	---	---	17.74	14.08	16.04	17.68	13.84	15.79	17.63	12.97	15.51
20	17.24	13.36	15.54	17.54	13.85	15.79	17.58	13.56	15.59	17.70	13.44	15.68
21	17.32	13.52	15.61	17.01	13.42	15.37	17.46	13.49	15.53	17.44	13.48	15.61
22	17.29	13.72	15.61	17.25	13.66	15.48	17.32	13.33	15.42	17.65	13.79	15.83
23	17.84	14.14	16.02	17.36	13.62	15.53	17.85	13.67	15.83	17.53	14.04	15.98
24	17.44	14.13	15.80	16.93	13.14	15.18	17.65	14.08	15.91	17.71	13.68	15.98
25	17.37	13.94	15.66	17.29	13.54	15.53	17.85	14.18	16.19	17.27	13.69	15.76
26	17.28	13.67	15.56	16.94	13.26	15.33	17.83	14.47	16.42	17.34	14.21	15.94
27	17.24	13.70	15.54	17.10	13.27	15.31	17.76	14.20	16.36	17.80	13.59	16.07
28	17.66	14.22	15.97	17.15	13.30	15.54	17.84	14.07	16.19	17.64	13.42	15.69
29	17.63	13.83	15.90	17.16	13.16	15.52	17.94	14.07	16.41	17.66	13.28	15.73
30	17.90	14.31	16.16	17.30	13.14	15.46	17.86	13.64	15.90	18.02	13.41	16.25
31	17.87	13.94	16.06	---	---	---	18.06	13.41	16.09	18.68	14.50	16.84
MONTH	18.68	13.34	16.03	18.66	13.14	15.77	18.06	12.66	15.78	18.68	12.46	15.75

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.00	14.99	17.23	17.52	12.56	15.49	17.34	13.78	15.77	18.68	15.61	17.20
2	18.48	14.74	16.75	18.09	13.66	16.18	17.53	13.44	15.52	18.68	15.29	17.09
3	17.79	14.01	16.04	18.26	14.20	16.26	17.66	14.05	15.87	18.69	14.90	16.70
4	17.52	13.62	15.71	17.47	12.45	15.17	17.67	14.13	15.84	17.97	14.78	16.32
5	17.53	13.82	15.73	17.48	13.71	15.74	17.52	13.84	15.84	17.87	14.50	16.21
6	17.56	14.40	16.00	17.26	13.75	15.55	18.03	14.54	16.33	17.81	14.50	16.05
7	17.02	14.10	15.63	16.86	13.27	15.12	17.31	14.20	15.75	17.56	13.95	15.76
8	16.84	13.87	15.36	17.24	14.36	15.76	17.05	14.07	15.53	17.22	13.60	15.46
9	17.24	14.90	16.11	17.33	14.70	15.99	17.28	14.18	15.76	17.03	13.56	15.44
10	17.45	14.46	16.05	16.80	14.44	15.71	17.05	14.05	15.76	17.53	13.53	15.80
11	17.53	14.30	16.09	17.27	14.60	15.98	17.97	14.72	16.71	17.75	14.08	16.11
12	17.35	13.88	15.89	17.27	14.07	15.95	17.60	14.05	16.12	18.04	14.06	16.38
13	16.98	13.13	15.23	17.26	14.07	15.93	18.13	14.36	16.42	18.21	13.86	16.29
14	17.61	12.94	15.74	18.40	14.43	16.78	18.28	14.21	16.43	18.51	13.69	16.22
15	17.97	14.00	16.11	17.57	13.69	15.95	18.55	14.43	16.57	18.78	14.18	16.52
16	18.08	13.54	15.99	17.79	13.70	15.99	17.86	13.41	15.92	18.83	14.57	16.75
17	17.74	13.51	15.83	---	---	---	17.89	12.78	15.52	18.80	14.64	16.80
18	17.90	13.86	16.01	17.85	13.23	15.61	17.86	12.58	15.37	18.80	14.50	16.78
19	18.17	14.28	16.42	18.12	13.28	15.91	17.54	12.73	15.31	18.56	14.20	16.42
20	18.32	14.68	16.59	18.11	13.52	15.92	17.60	12.96	15.29	18.18	14.42	16.32
21	18.29	14.48	16.55	17.89	13.31	15.92	17.08	13.01	15.21	17.86	14.21	16.19
22	18.02	14.66	16.42	17.41	13.01	15.35	17.57	13.37	15.57	17.74	14.12	16.04
23	18.08	14.99	16.67	17.40	13.19	15.44	---	---	---	17.52	13.88	15.92
24	18.08	14.27	16.53	17.28	13.34	15.35	---	---	---	17.33	13.58	15.74
25	17.92	13.97	16.38	17.10	13.53	15.45	17.56	14.37	16.23	17.65	13.48	15.69
26	17.66	13.93	16.28	17.53	14.20	16.20	17.64	14.03	16.06	17.57	13.60	15.79
27	17.96	14.38	16.30	17.53	14.23	15.94	17.80	13.97	16.01	17.73	13.74	15.83
28	17.80	14.05	15.88	17.34	13.66	15.65	17.88	14.54	16.37	17.92	13.97	15.97
29	---	---	---	17.40	13.25	15.61	18.13	14.59	16.41	17.70	13.64	15.80
30	---	---	---	17.92	13.75	15.91	18.50	15.01	16.81	17.51	13.46	15.57
31	---	---	---	17.90	14.45	16.24	---	---	---	17.92	13.70	15.72
MONTH	19.00	12.94	16.13	18.40	12.45	15.80	18.55	12.58	15.94	18.83	13.46	16.16

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.78	14.08	15.85	17.71	13.61	15.55	---	---	---	18.58	15.09	17.12
2	17.76	14.12	15.82	17.66	14.12	15.82	---	---	---	18.88	15.31	17.33
3	17.62	13.80	15.49	17.66	13.87	15.73	18.12	14.42	16.67	19.27	15.49	17.59
4	17.17	13.54	15.51	17.61	13.83	15.83	18.34	14.87	16.87	18.81	15.43	17.36
5	17.55	14.30	16.04	17.40	13.57	15.70	18.40	14.36	16.66	18.50	14.66	16.80
6	17.58	14.06	15.94	17.29	13.21	15.57	18.17	13.88	16.40	18.22	14.16	16.45
7	17.48	13.93	15.96	17.39	13.22	15.61	18.24	13.79	16.30	18.42	14.04	16.41
8	17.71	13.98	16.14	---	---	---	18.11	13.70	16.14	18.44	14.01	16.44
9	17.57	13.53	15.87	17.70	12.59	15.57	18.16	13.20	15.84	18.56	14.50	16.56
10	17.72	13.24	15.83	17.85	12.82	15.62	18.64	14.17	16.52	18.16	14.46	16.49
11	18.50	13.80	16.29	18.10	12.83	15.64	18.47	14.42	16.65	18.23	14.46	16.52
12	18.90	14.30	16.80	18.56	13.76	16.30	18.31	14.30	16.47	18.21	14.96	16.70
13	18.80	14.23	16.70	18.56	13.92	16.42	18.29	14.45	16.44	18.09	14.96	16.65
14	18.56	14.05	16.50	18.49	14.14	16.41	18.32	14.44	16.40	18.02	15.01	16.61
15	18.37	13.65	16.19	18.48	14.40	16.43	17.78	13.98	16.19	18.40	14.43	16.74
16	18.17	13.86	16.07	18.34	14.32	16.35	17.67	13.96	15.94	17.06	13.63	15.60
17	18.14	14.12	16.10	18.02	14.26	16.11	17.42	13.88	15.93	17.74	13.97	15.86
18	18.02	14.53	16.56	17.70	13.98	15.87	17.46	13.93	15.92	17.63	14.36	16.06
19	18.46	14.94	16.76	17.21	13.57	15.60	17.27	13.46	15.53	17.73	14.41	16.14
20	17.91	14.42	16.22	16.91	13.16	15.31	17.50	13.58	15.65	17.90	14.43	16.18
21	17.41	13.94	15.94	17.22	13.24	15.47	17.20	13.50	15.58	18.26	14.74	16.56
22	17.58	14.05	16.07	17.40	13.97	15.83	17.87	13.86	15.87	18.41	14.80	16.73
23	17.90	14.36	16.29	17.48	14.09	15.83	18.14	14.41	16.38	18.86	15.00	16.96
24	17.95	14.33	16.28	17.53	13.66	15.71	18.23	14.34	16.40	18.62	15.14	17.05
25	17.84	13.90	16.07	17.52	13.63	15.73	18.25	14.09	16.29	18.44	14.60	16.76
26	17.51	13.82	15.86	17.59	13.50	15.64	18.00	14.06	16.16	18.18	14.50	16.54
27	17.45	13.34	15.54	17.96	13.73	15.82	18.11	13.63	15.99	18.38	14.28	16.56
28	17.46	13.08	15.30	18.07	14.14	16.14	18.29	13.91	16.16	18.43	14.62	16.71
29	17.42	12.58	15.11	17.95	14.05	16.15	18.27	14.58	16.57	18.72	14.77	16.91
30	17.72	13.09	15.35	---	---	---	18.13	14.61	16.69	18.35	14.44	16.66
31	---	---	---	---	---	---	18.28	14.68	16.77	---	---	---
MONTH	18.90	12.58	16.02	18.56	12.59	15.85	18.64	13.20	16.25	19.27	13.63	16.64
YEAR	19.27	12.45	16.01									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: July 1981 to September 1993 (discontinued).

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: July 1981 to September 1995 (discontinued).

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 4,270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sep. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sep. 29, 30, 1981; minimum, 5.3 units, May 29, 30, 1993.

WATER TEMPERATURE: Maximum, 32.5°C, Aug.1, 2, 1999; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Feb. 4, 5, 1994; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 3,030 microsiemens, Mar.14; minimum, 56 microsiemens, Oct. 19.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 1, 2; minimum, 8.0°C, Jan . 6, 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	160	94	123	344	102	188	312	114	217	254	126	180
2	200	90	122	458	112	261	354	108	210	619	153	307
3	436	96	213	494	112	284	594	136	287	665	221	444
4	646	126	349	446	112	257	450	118	241	343	117	198
5	660	128	367	532	124	303	290	106	186	171	107	138
6	678	124	374	634	146	349	372	128	236	144	106	129
7	642	118	322	360	106	193	370	130	246	139	106	121
8	426	104	210	214	104	154	324	136	236	126	102	115
9	238	104	152	224	118	167	224	124	171	163	102	130
10	184	96	138	216	122	166	196	130	169	205	113	156
11	200	100	143	192	108	154	182	116	151	171	105	138
12	234	112	163	136	104	120	136	102	120	139	103	122
13	262	112	181	140	106	127	140	100	119	162	102	127
14	246	102	170	128	94	114	156	100	125	246	104	157
15	170	100	134	144	100	125	152	96	123	240	108	170
16	162	96	129	184	106	140	116	92	105	247	106	169
17	150	94	116	194	104	145	140	96	117	365	121	221
18	172	106	128	192	96	146	261	96	149	469	147	294
19	126	56	101	230	104	158	781	157	334	391	111	224
20	112	92	102	182	100	130	1080	225	654	227	108	164
21	144	94	111	136	92	107	1080	219	620	226	118	169
22	150	94	126	156	92	113	888	292	611	256	118	189
23	140	94	113	256	106	156	704	182	458	251	119	185
24	146	94	115	238	102	154	566	186	365	215	109	156
25	160	94	127	210	100	151	358	138	261	131	109	120
26	144	96	124	246	104	169	227	121	181	123	109	116
27	136	94	113	168	102	130	199	121	161	124	107	117
28	228	94	154	118	96	111	243	115	180	124	106	115
29	200	94	148	160	96	126	299	127	211	130	106	115
30	178	92	134	240	104	166	238	120	173	272	112	165
31	172	92	133	---	---	---	204	120	162	301	115	202
MONTH	678	56	166	634	92	169	1080	92	244	665	102	173

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	279	119	193	388	156	249	228	126	162	344	130	225
2	245	115	170	454	168	314	166	122	141	190	96	142
3	163	112	131	452	160	308	150	116	135	124	95	106
4	142	114	127	238	132	168	136	116	128	108	95	101
5	138	110	124	174	124	152	134	114	124	112	94	102
6	142	116	128	160	126	145	228	122	155	110	98	103
7	133	115	124	156	126	143	216	122	167	110	98	105
8	133	111	121	152	124	140	152	118	133	110	102	106
9	225	111	139	152	124	140	134	116	127	113	101	108
10	177	111	149	136	124	131	128	116	124	121	104	113
11	281	115	165	292	122	166	300	116	173	135	107	120
12	247	113	164	332	126	214	192	118	159	214	109	152
13	157	113	140	870	148	438	512	134	246	211	123	179
14	211	119	155	3030	270	1290	720	156	417	269	119	185
15	201	119	158	984	146	336	1240	188	597	424	137	250
16	177	119	149	410	144	277	1100	166	503	479	157	334
17	225	123	162	476	160	321	534	158	311	572	165	378
18	319	133	211	472	160	303	420	170	289	617	186	392
19	637	167	338	376	138	250	390	184	293	469	152	314
20	623	179	405	322	134	233	340	136	234	328	159	248
21	617	187	430	442	160	291	224	144	191	278	144	229
22	519	163	365	332	138	234	226	138	188	193	132	174
23	433	133	290	288	128	209	182	128	160	169	121	149
24	253	131	185	226	126	175	162	124	145	140	106	126
25	223	129	175	190	126	163	484	140	282	126	95	112
26	248	132	191	184	122	153	712	228	488	155	95	123
27	312	136	220	168	122	143	682	244	496	178	115	140
28	374	152	248	194	122	155	630	218	456	213	120	170
29	---	---	---	268	136	191	524	206	376	208	110	139
30	---	---	---	280	136	210	442	188	324	180	107	135
31	---	---	---	274	130	209	---	---	---	272	128	198
MONTH	637	110	198	3030	122	253	1240	114	257	617	94	176

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	302	119	221	206	112	157	192	118	153	958	195	584
2	269	105	191	174	106	136	182	112	149	759	155	431
3	187	109	144	150	112	129	172	108	144	550	146	334
4	125	97	111	148	106	128	194	108	151	493	142	295
5	118	96	108	134	104	120	168	106	133	272	127	199
6	138	96	117	122	104	114	150	106	131	208	116	155
7	147	96	122	122	102	112	212	112	151	222	117	163
8	138	95	120	124	102	114	224	116	168	254	116	187
9	120	91	107	156	104	123	280	122	183	254	116	202
10	129	88	106	188	106	140	510	128	252	234	117	187
11	560	91	178	192	108	146	568	152	345	237	116	181
12	660	130	346	370	114	176	524	140	294	302	132	219
13	644	150	391	410	134	271	390	144	264	350	135	258
14	638	152	363	488	148	331	322	138	220	352	128	265
15	512	152	320	538	134	316	244	140	204	368	146	283
16	428	168	309	424	114	246	226	140	187	221	97	162
17	424	170	308	270	118	187	202	138	174	166	98	134
18	442	210	347	188	106	144	184	116	152	238	105	170
19	438	206	329	138	102	121	136	116	126	321	101	195
20	338	170	250	118	102	114	136	116	127	369	109	229
21	266	166	227	122	102	109	130	114	123	961	124	427
22	244	160	209	128	102	115	234	114	138	1580	200	639
23	224	146	188	136	108	122	1010	122	462	1950	186	911
24	216	136	186	128	108	119	1170	158	654	1800	172	910
25	172	118	152	140	108	126	924	148	464	1380	174	676
26	156	114	135	140	108	125	524	124	243	1010	137	525
27	138	114	128	170	114	136	300	126	210	815	149	477
28	140	112	130	202	114	154	288	126	205	735	139	415
29	140	114	128	200	116	160	492	146	302	589	117	347
30	178	112	142	192	116	156	930	256	549	401	101	252
31	---	---	---	184	116	147	1050	236	694	---	---	---
MONTH	660	88	204	538	102	155	1170	106	250	1950	97	347
YEAR	3030	56	216									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	26.5	26.5	21.0	20.5	20.5	17.5	17.0	17.5	10.5	10.0	10.5
2	26.5	26.0	26.5	21.0	20.5	21.0	18.0	17.0	17.5	10.5	10.5	10.5
3	26.0	26.0	26.0	21.0	21.0	21.0	18.0	17.5	17.5	11.5	10.5	11.0
4	26.0	25.5	26.0	21.0	20.0	20.5	18.0	18.0	18.0	11.5	10.0	10.5
5	26.0	26.0	26.0	20.5	19.0	19.5	18.5	17.5	18.0	10.5	9.0	9.5
6	26.0	25.5	26.0	19.5	18.0	18.5	19.0	18.0	18.5	9.5	8.0	9.0
7	26.0	25.5	25.5	18.0	17.0	17.5	19.0	18.5	18.5	9.0	8.0	8.5
8	26.0	25.5	25.5	17.5	16.5	17.0	19.0	18.5	19.0	9.0	8.5	8.5
9	26.0	25.5	26.0	17.5	17.0	17.0	19.0	18.5	19.0	10.0	9.0	9.5
10	26.0	25.0	25.5	18.0	17.5	17.5	19.0	17.5	18.5	10.0	9.5	9.5
11	25.5	24.5	25.0	18.5	18.0	18.0	18.0	16.5	17.5	9.5	9.0	9.0
12	25.0	24.5	25.0	18.5	18.0	18.5	17.0	16.0	16.5	9.5	9.0	9.0
13	25.0	24.5	25.0	18.0	17.5	18.0	16.5	16.0	16.5	9.5	9.0	9.5
14	24.5	24.0	24.5	17.5	17.5	17.5	16.5	15.5	16.0	10.0	9.5	10.0
15	24.5	23.5	24.5	17.5	17.5	17.5	15.5	14.0	15.0	11.0	10.0	10.5
16	24.0	23.5	24.0	17.5	17.5	17.5	14.5	13.5	14.0	11.0	10.5	10.5
17	24.0	23.5	23.5	18.5	17.5	18.0	14.0	13.0	13.5	11.5	10.5	11.0
18	23.5	23.0	23.5	18.5	18.0	18.0	13.5	13.0	13.0	12.0	11.5	11.5
19	24.0	23.5	23.5	18.5	18.0	18.0	13.5	12.5	13.0	12.5	11.5	12.0
20	24.5	24.0	24.0	18.5	18.0	18.0	14.0	13.0	13.5	12.5	11.0	12.0
21	24.0	23.5	24.0	18.0	18.0	18.0	14.5	13.5	14.0	13.0	11.5	12.0
22	23.5	22.5	23.0	18.0	17.0	17.5	15.0	14.0	14.5	13.5	12.0	12.5
23	23.0	21.0	21.5	18.0	17.0	17.5	15.0	14.0	14.5	14.0	13.0	13.5
24	21.5	20.0	21.0	18.0	17.5	18.0	14.5	12.5	13.5	14.5	13.5	14.0
25	21.0	20.0	20.5	18.0	17.5	18.0	14.5	11.5	12.5	14.0	13.0	14.0
26	21.0	20.0	20.5	18.0	18.0	18.0	12.5	10.5	11.5	14.0	13.5	13.5
27	20.5	20.0	20.5	18.0	17.0	17.5	11.0	10.0	10.5	14.0	13.5	13.5
28	20.5	20.5	20.5	17.5	17.0	17.0	11.0	10.0	10.5	14.5	14.0	14.0
29	20.5	20.0	20.5	17.0	17.0	17.0	11.0	10.5	11.0	14.5	14.0	14.5
30	20.5	20.0	20.5	17.0	17.0	17.0	11.0	10.5	11.0	14.5	14.0	14.5
31	20.5	20.0	20.5	---	---	---	10.5	10.5	10.5	14.5	12.5	13.5
MONTH	27.0	20.0	23.7	21.0	16.5	18.1	19.0	10.0	15.0	14.5	8.0	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	11.5	12.5	13.0	12.5	12.5	16.5	15.5	16.0	19.5	16.0	17.0
2	13.0	12.5	13.0	13.5	12.5	13.0	17.5	16.0	17.0	17.0	15.5	16.0
3	13.5	12.5	13.0	13.5	13.0	13.0	18.5	17.5	18.0	17.0	15.5	16.5
4	14.5	13.5	14.0	13.0	11.0	12.0	19.5	18.0	18.5	18.5	16.5	17.5
5	14.5	14.0	14.0	12.5	11.0	12.0	20.0	19.0	19.5	19.5	17.5	18.5
6	14.5	14.0	14.0	13.0	12.0	12.5	19.5	19.0	19.5	20.0	18.5	19.5
7	14.5	14.0	14.5	13.0	12.5	13.0	20.0	19.0	19.5	20.5	19.5	20.0
8	15.0	14.5	14.5	13.0	12.0	12.5	20.0	18.5	19.5	21.0	20.5	20.5
9	15.0	14.5	14.5	12.5	11.5	12.0	20.0	19.0	19.5	22.0	21.0	21.0
10	15.0	14.5	14.5	12.0	11.0	11.5	20.0	19.5	19.5	22.0	21.5	22.0
11	15.0	14.5	15.0	12.0	11.0	11.5	20.5	19.5	20.5	22.5	21.5	22.0
12	15.5	15.0	15.0	12.0	11.5	11.5	21.0	20.5	20.5	22.5	21.0	22.0
13	15.0	14.0	14.5	12.0	11.5	11.5	21.0	20.0	20.5	22.5	21.0	22.0
14	14.0	12.5	13.5	13.0	11.5	12.0	20.5	20.0	20.5	22.5	21.5	22.5
15	13.0	12.0	12.5	12.5	11.5	12.0	21.0	20.0	20.5	22.5	22.0	22.5
16	13.0	12.0	12.5	12.5	11.5	12.0	20.5	20.0	20.5	22.5	21.5	22.0
17	13.5	12.5	13.0	13.5	12.0	12.5	20.5	19.0	19.5	23.0	22.0	22.5
18	14.5	13.5	14.0	14.5	13.0	13.5	20.0	18.0	19.0	24.0	22.5	23.5
19	14.5	14.0	14.5	15.0	14.0	14.5	19.5	18.5	19.0	---	---	---
20	14.5	13.5	14.0	15.5	14.0	15.0	20.0	19.0	19.5	---	---	---
21	14.5	13.0	14.0	16.0	15.0	15.5	21.0	19.5	20.0	---	---	---
22	13.5	11.0	12.5	16.0	14.5	15.5	21.0	20.0	20.5	---	---	---
23	12.5	10.5	11.5	16.0	14.5	15.5	21.5	21.0	21.0	---	---	---
24	11.0	10.0	10.5	16.0	15.0	15.5	22.0	21.5	21.5	---	---	---
25	10.5	10.0	10.5	16.5	15.5	16.0	22.0	21.0	21.5	---	---	---
26	11.5	10.5	11.0	16.5	14.0	15.5	22.0	21.0	21.5	---	---	---
27	12.0	11.0	11.5	15.5	14.0	14.5	22.5	21.5	22.0	25.0	24.5	25.0
28	13.0	11.5	12.0	15.0	14.0	14.5	22.5	21.5	22.0	25.5	24.5	25.0
29	---	---	---	15.5	14.5	15.0	22.0	20.0	21.0	25.5	24.5	25.0
30	---	---	---	16.0	15.0	15.5	21.0	17.5	19.0	25.5	25.0	25.5
31	---	---	---	16.0	15.5	15.5	---	---	---	26.0	25.0	25.5
MONTH	15.5	10.0	13.2	16.5	11.0	13.5	22.5	15.5	19.9	26.0	15.5	21.5

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.5	25.5	27.0	26.0	26.5	32.5	31.5	32.0	27.5	26.5	27.0
2	26.0	25.0	25.5	27.0	26.0	26.5	32.5	31.5	32.0	27.0	26.5	26.5
3	26.0	24.5	25.5	27.5	27.0	27.5	32.0	30.5	31.5	27.0	26.5	26.5
4	26.0	25.0	25.5	28.5	27.5	28.0	31.5	30.0	31.0	27.0	26.5	26.5
5	26.0	25.5	26.0	28.5	28.0	28.5	31.0	30.0	30.5	27.0	26.5	26.5
6	26.5	26.0	26.0	28.5	28.0	28.5	31.0	30.5	30.5	27.0	26.5	27.0
7	27.0	26.0	26.5	28.5	27.5	28.0	31.0	30.5	31.0	27.5	27.0	27.5
8	27.0	26.5	26.5	28.5	27.5	28.5	31.0	30.5	31.0	28.0	27.5	27.5
9	27.0	26.5	27.0	29.0	28.5	28.5	31.0	30.0	30.5	28.0	27.5	28.0
10	27.0	26.5	27.0	29.5	28.5	29.0	31.0	30.0	30.5	28.0	27.0	27.5
11	27.5	27.0	27.0	29.0	29.0	29.0	31.0	30.5	31.0	28.0	27.0	27.5
12	27.5	26.5	27.0	29.0	28.5	28.5	31.5	30.5	31.0	28.0	27.0	27.5
13	27.5	26.5	27.0	29.0	28.0	28.5	31.5	30.5	31.0	27.5	26.5	27.0
14	27.5	26.5	27.0	28.5	27.5	28.0	31.5	30.5	31.0	27.0	26.0	26.5
15	27.5	27.0	27.5	28.5	28.0	28.0	31.5	30.5	31.0	26.5	24.0	26.0
16	28.0	27.0	27.5	28.5	28.0	28.0	31.0	30.5	31.0	24.5	23.5	24.0
17	27.5	27.0	27.5	28.5	28.0	28.5	31.0	30.5	31.0	24.5	23.5	24.0
18	27.5	26.5	27.0	29.0	28.5	28.5	31.0	30.5	31.0	24.0	23.5	24.0
19	27.0	25.5	26.0	29.0	28.5	29.0	31.0	30.5	30.5	24.0	23.5	24.0
20	26.0	25.0	25.5	29.5	28.5	29.0	31.0	30.0	30.5	24.0	23.5	23.5
21	25.5	24.5	25.0	30.0	29.0	29.5	30.5	30.0	30.0	24.0	23.5	23.5
22	25.5	25.0	25.0	30.0	29.5	30.0	30.5	30.0	30.0	24.0	23.0	23.5
23	25.5	25.0	25.5	30.5	30.0	30.0	30.5	30.0	30.0	23.5	22.5	23.0
24	26.0	25.5	25.5	31.0	30.0	30.5	30.5	30.0	30.0	23.0	22.5	22.5
25	26.5	26.0	26.5	30.5	30.0	30.5	30.5	29.5	30.0	23.0	22.0	22.5
26	26.5	26.0	26.5	31.0	30.0	30.5	30.0	29.5	30.0	23.5	23.0	23.5
27	27.0	26.0	26.5	31.0	30.0	30.5	30.0	29.5	30.0	24.0	23.5	23.5
28	27.0	26.5	26.5	31.5	30.5	31.0	30.0	29.5	29.5	24.0	23.5	24.0
29	26.5	26.0	26.5	31.5	31.0	31.0	30.0	29.0	29.5	24.5	23.5	24.0
30	27.0	26.0	26.5	31.5	31.0	31.5	29.5	28.0	28.5	24.5	23.5	24.0
31	---	---	---	32.0	31.0	31.5	28.5	27.0	28.0	---	---	---
MONTH	28.0	24.5	26.3	32.0	26.0	29.1	32.5	27.0	30.5	28.0	22.0	25.3
YEAR	32.5	8.0	20.6									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River, 9.9 mi from confluence of East and West Branch Cooper River and at mile 19.4.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Data collection platform. Datum of gage is 6.38 feet below sea level (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.24 ft, Sep. 22, 1989; minimum gage height, 1.75 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.63 ft, Sep. 3; minimum gage height, 3.14 ft, Dec. 4, Apr. 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.02	4.83	7.80	10.41	4.59	7.91	9.89	3.32	7.03	10.61	3.73	7.69
2	10.59	5.26	8.08	10.58	4.28	7.99	10.27	3.16	7.26	11.17	4.17	8.34
3	10.58	4.85	8.03	10.88	4.27	8.00	10.51	3.21	7.29	10.92	3.82	7.78
4	10.56	4.23	7.79	10.67	3.80	7.67	10.38	3.14	7.12	9.87	3.21	6.69
5	10.73	4.14	7.84	11.07	3.80	7.96	10.30	3.20	7.02	9.79	3.56	6.90
6	11.00	4.27	8.09	11.16	4.47	7.99	10.19	3.58	7.03	9.92	4.49	7.27
7	11.09	4.48	8.13	10.59	4.11	7.50	9.97	3.87	6.99	9.36	4.40	6.96
8	10.74	4.13	7.70	10.25	4.31	7.37	9.62	3.90	6.86	9.43	4.90	7.22
9	10.30	3.93	7.39	9.91	4.35	7.30	8.92	3.86	6.69	9.36	4.95	7.30
10	10.24	4.09	7.36	9.91	4.74	7.49	9.46	5.07	7.34	9.12	5.51	7.30
11	10.13	4.31	7.44	9.38	4.31	7.12	9.45	5.14	7.61	9.45	4.92	7.18
12	9.99	4.67	7.53	9.36	4.84	7.18	9.75	5.33	7.84	9.11	4.56	6.99
13	10.10	5.00	7.82	9.71	5.40	7.65	9.71	4.19	7.40	9.34	4.43	7.02
14	10.08	5.31	7.96	9.76	5.01	7.63	9.38	4.56	7.55	9.44	4.47	7.06
15	10.07	5.20	7.92	9.63	4.63	7.29	10.07	5.30	7.93	9.61	4.28	7.00
16	10.28	5.07	8.02	9.56	4.50	7.34	9.52	4.85	7.48	9.89	4.26	7.41
17	10.09	4.97	7.92	9.59	4.53	7.20	9.76	4.66	7.18	10.06	4.51	7.56
18	9.97	4.93	7.76	9.76	4.30	7.48	10.03	4.25	7.38	10.11	4.18	7.34
19	9.77	4.66	7.50	10.11	4.94	7.63	10.24	4.64	7.57	9.87	3.65	7.05
20	9.64	4.37	7.20	9.91	4.62	7.36	9.96	4.28	7.30	10.04	4.10	7.23
21	9.68	4.49	7.33	9.33	4.45	7.03	9.89	4.24	7.20	9.97	4.17	7.27
22	9.42	4.71	7.25	9.67	4.82	7.26	9.71	4.08	7.06	9.91	4.33	7.38
23	10.11	5.17	7.66	9.69	4.59	7.18	10.24	4.93	7.50	9.96	4.84	7.53
24	9.82	4.99	7.52	9.38	4.56	6.86	9.97	4.76	7.51	10.00	4.21	7.43
25	9.67	5.04	7.33	9.66	4.95	7.28	10.11	5.16	7.75	9.47	4.12	7.27
26	9.50	5.05	7.25	9.21	4.38	6.94	10.12	5.17	8.02	9.74	4.79	7.56
27	9.60	5.11	7.30	9.29	4.44	6.89	10.17	4.68	7.91	10.27	3.90	7.56
28	9.85	5.28	7.65	9.46	4.14	7.14	10.34	4.39	7.82	10.01	3.62	7.18
29	9.73	4.99	7.50	9.60	3.72	7.15	10.54	4.38	7.97	10.04	3.57	7.39
30	10.01	4.87	7.73	9.79	3.35	7.12	10.47	3.95	7.41	10.67	4.00	7.97
31	10.22	4.52	7.72	---	---	---	10.59	3.80	7.70	11.06	4.76	8.41
MONTH	11.09	3.93	7.66	11.16	3.35	7.40	10.59	3.14	7.41	11.17	3.21	7.36

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.42	5.10	8.70	9.95	3.60	7.25	9.69	4.26	7.26	11.05	5.88	8.68
2	10.85	4.67	8.08	10.41	4.23	7.81	9.88	4.06	7.14	10.83	5.89	8.57
3	10.24	4.26	7.53	10.62	4.73	7.65	9.99	4.53	7.41	10.46	5.62	8.18
4	9.85	4.17	7.29	9.66	3.35	6.74	9.83	4.98	7.44	10.25	5.54	7.93
5	9.77	5.00	7.44	9.70	4.39	7.32	10.24	4.56	7.53	10.23	5.59	7.86
6	9.64	5.29	7.63	9.60	4.68	7.22	10.43	5.67	8.06	10.02	5.36	7.58
7	9.29	5.31	7.39	9.16	4.41	6.83	9.65	5.24	7.35	9.92	4.95	7.34
8	9.10	5.27	7.12	9.30	5.42	7.45	9.29	5.11	7.21	9.50	4.89	7.11
9	9.58	5.97	7.85	9.57	5.93	7.68	9.51	5.41	7.43	9.20	4.79	7.16
10	9.72	5.66	7.75	9.03	5.66	7.49	9.23	5.02	7.49	9.58	4.52	7.39
11	9.89	5.27	7.81	9.57	5.79	7.76	10.28	5.29	8.28	10.05	4.82	7.78
12	9.69	3.71	7.45	9.57	5.30	7.66	9.95	4.63	7.75	10.42	4.54	8.00
13	9.41	3.68	6.92	9.61	5.59	7.78	10.57	5.13	8.21	10.71	3.99	7.85
14	9.87	4.15	7.46	10.41	5.26	8.45	10.68	4.60	8.07	11.06	3.88	7.85
15	10.22	4.38	7.62	9.71	4.11	7.31	11.05	4.66	8.22	11.33	4.23	8.09
16	10.24	4.10	7.54	10.18	4.47	7.70	10.38	3.41	7.24	11.53	4.53	8.26
17	10.26	4.04	7.46	10.18	4.07	7.46	10.36	3.28	7.04	11.50	4.64	8.26
18	10.39	4.21	7.61	10.07	3.61	7.20	10.13	3.14	6.86	11.41	4.69	8.23
19	10.80	4.84	8.04	10.58	3.57	7.39	10.05	3.37	6.84	11.17	4.62	7.89
20	10.55	5.07	8.14	10.50	3.95	7.42	10.05	3.62	6.74	10.67	4.91	7.87
21	10.75	4.96	8.09	10.50	3.75	7.43	9.56	3.89	6.88	10.38	4.94	7.75
22	10.43	5.22	8.02	9.80	3.83	6.90	9.97	4.32	7.11	10.11	4.93	7.64
23	10.52	5.33	8.13	9.87	4.03	6.97	9.66	4.25	7.01	9.71	4.82	7.53
24	10.52	4.87	8.09	9.71	4.21	6.96	9.61	4.02	7.23	9.62	4.73	7.40
25	10.46	4.54	8.01	9.49	4.19	7.04	9.99	5.23	8.02	9.86	4.68	7.41
26	10.08	4.85	7.98	9.98	5.19	7.82	9.91	4.93	7.78	9.86	4.75	7.51
27	10.44	4.91	7.98	9.98	4.62	7.61	9.95	4.86	7.71	10.16	4.87	7.60
28	10.28	4.58	7.52	9.82	4.42	7.38	10.20	5.29	8.03	10.18	4.78	7.63
29	---	---	---	9.78	4.13	7.33	10.59	5.31	8.12	10.01	4.60	7.44
30	---	---	---	10.14	4.34	7.58	10.86	5.53	8.47	10.02	4.66	7.33
31	---	---	---	10.18	4.84	7.75	---	---	---	10.14	4.85	7.46
MONTH	11.42	3.68	7.74	10.62	3.35	7.43	11.05	3.14	7.53	11.53	3.88	7.76

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.09	4.98	7.49	9.93	4.39	7.13	10.23	4.81	7.69	11.00	5.46	8.66
2	9.95	4.96	7.42	10.04	4.92	7.43	10.17	4.69	7.81	11.17	5.88	8.86
3	9.86	4.77	7.07	10.04	4.35	7.34	10.50	4.99	8.25	11.63	6.05	9.17
4	9.70	4.41	7.16	9.89	4.54	7.37	10.71	5.35	8.39	11.22	5.77	8.88
5	9.85	5.30	7.73	9.72	4.38	7.22	10.71	4.86	8.15	10.79	5.26	8.35
6	9.97	4.90	7.55	9.57	4.07	7.17	10.67	4.51	7.99	10.69	4.75	8.07
7	9.71	4.86	7.58	9.77	4.16	7.20	10.65	4.43	7.93	10.80	4.55	8.06
8	10.05	4.67	7.66	---	---	---	10.69	4.12	7.76	10.80	4.50	8.06
9	9.95	4.13	7.43	10.20	3.47	7.22	10.73	3.76	7.52	10.91	4.75	8.12
10	10.24	3.93	7.47	10.37	3.41	7.24	11.30	4.49	8.20	10.67	4.81	8.04
11	11.18	4.34	8.06	10.62	3.27	7.21	11.01	4.51	8.17	10.68	5.00	8.17
12	11.50	4.40	8.40	11.24	4.12	7.98	10.86	4.51	7.96	10.61	5.42	8.34
13	11.49	4.22	8.23	11.11	4.21	8.01	10.66	4.73	7.94	10.44	5.65	8.29
14	11.14	4.03	7.97	11.13	4.26	7.93	10.42	4.83	7.92	10.43	5.95	8.30
15	10.82	4.00	7.68	10.91	4.65	7.90	10.12	4.53	7.79	10.77	5.22	8.26
16	10.72	4.32	7.62	10.79	4.68	7.83	10.04	4.70	7.56	9.26	4.58	7.33
17	10.72	4.48	7.65	10.43	4.72	7.63	9.70	4.92	7.61	9.99	5.38	7.63
18	10.59	5.07	8.18	10.02	4.61	7.41	9.61	5.19	7.53	9.83	5.80	7.79
19	10.91	5.66	8.36	9.50	4.58	7.18	9.55	4.85	7.23	9.89	5.71	7.83
20	10.29	5.23	7.84	9.11	4.41	6.93	9.49	4.78	7.35	10.18	5.74	7.95
21	9.68	5.13	7.63	9.49	4.58	7.17	9.54	4.97	7.32	10.68	6.04	8.39
22	9.82	5.23	7.77	9.67	5.12	7.55	10.24	5.22	7.73	10.81	5.76	8.45
23	10.18	5.47	8.01	9.75	5.11	7.51	10.53	5.52	8.17	11.13	5.69	8.64
24	10.13	5.38	7.95	9.83	4.85	7.42	10.49	5.22	8.05	11.04	5.44	8.60
25	10.03	5.00	7.72	9.89	4.83	7.45	10.45	4.73	7.88	10.86	4.99	8.32
26	9.88	4.76	7.48	9.96	4.63	7.33	10.36	4.59	7.68	10.68	4.65	8.06
27	9.69	4.56	7.27	10.37	4.67	7.53	10.37	4.34	7.60	10.96	4.65	8.12
28	9.72	4.26	6.98	10.42	4.85	7.79	10.73	4.48	7.80	10.94	4.84	8.22
29	9.71	3.98	6.84	10.31	4.76	7.73	10.73	4.97	8.24	11.09	5.07	8.38
30	9.87	4.40	7.11	10.42	4.64	7.69	10.63	5.03	8.32	10.82	4.80	8.18
31	---	---	---	10.28	4.76	7.64	10.69	5.20	8.34	---	---	---
MONTH	11.50	3.93	7.64	11.24	3.27	7.47	11.30	3.76	7.87	11.63	4.50	8.25
YEAR	11.63	3.14	7.63									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1983 to current year.

pH: June 1983 to July 1993 (discontinued).

WATER TEMPERATURE: June 1983 to current year.

DISSOLVED OXYGEN: June 1983 to September 1993 (discontinued).

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 37,500 microsiemens, May 9, 1995; minimum, 31 microsiemens, Apr. 23, May 5, 1996.

pH: Maximum, 8.3 units, Oct. 8, 9, 1987, Jan. 15, 16, Feb. 14, 28, 29, 1988; minimum, 5.7 units, Sep. 8, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 1999; minimum, 4.5°C, Jan. 17, 1988.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 5, 1984; minimum, 1.5 mg/L, Oct. 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 25,800 microsiemens, Mar. 14; minimum, 89 microsiemens, May 7.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1; minimum, 8.5°C, Jan. 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9840	150	3360	14000	380	5840	12400	395	4070	8000	520	2320
2	12900	150	4030	13000	740	5460	11300	401	3550	10800	260	3780
3	12600	140	4750	11800	380	4160	12500	180	3850	10500	280	3090
4	11100	580	5140	8620	180	2820	9020	569	2140	1220	240	669
5	9920	600	4400	11900	180	3940	6780	180	1520	1480	247	579
6	9740	720	4030	12200	260	3880	9640	300	2480	4220	160	899
7	8620	500	3150	6440	300	1460	8620	360	2230	4780	258	897
8	5800	460	1780	7540	258	1430	8020	420	1870	5660	240	1490
9	3540	312	1050	8740	260	2070	3680	276	931	11200	140	4390
10	4920	120	1240	10700	200	2670	9840	309	3200	10900	780	4160
11	6800	260	1690	6640	252	2010	6940	206	2010	11100	240	3290
12	9180	140	2600	5820	198	1430	10400	196	3140	8080	454	2500
13	11300	120	3400	9200	225	3040	11800	196	3600	11700	160	3860
14	8700	120	2870	9260	197	2900	11200	182	4420	14900	440	5630
15	7420	160	2020	9620	214	3370	16500	272	3550	14500	220	4800
16	7760	260	2650	12300	228	4380	9580	162	2640	13500	140	3900
17	7480	300	2090	11700	286	3730	11900	196	3160	14000	569	4760
18	8840	260	2590	11500	255	3950	15800	198	5220	13400	360	4590
19	2940	318	800	13000	200	3270	18300	534	7330	8200	280	1810
20	3600	240	959	8880	257	1970	17900	120	7470	6240	257	1290
21	7320	337	2340	4120	161	983	14500	120	4970	8360	120	2100
22	7300	473	2290	11100	143	3070	13900	140	4660	8020	371	2380
23	7980	300	2350	15800	180	5240	15200	280	4350	8360	389	2270
24	11800	520	3710	11800	240	2940	12100	480	3760	5020	213	1030
25	10700	120	3800	12600	265	3520	12600	300	3540	937	140	433
26	8540	920	3530	11200	350	4170	10300	431	3420	3060	146	759
27	13300	480	3960	6800	190	1760	11300	497	3910	7560	142	1300
28	16600	720	6910	6780	158	1760	13100	360	4530	3400	132	664
29	13300	840	4280	10700	182	3950	13500	693	4740	2580	138	590
30	12800	347	4660	12400	315	4370	9680	537	2000	8620	227	2610
31	13100	340	3930	---	---	---	8740	461	2150	10300	300	2760
MONTH	16600	120	3110	15800	143	3180	18300	120	3560	14900	120	2440

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8840	300	2040	7740	240	2450	1400	160	464	16200	298	3780
2	4880	180	1070	9700	160	3280	3720	120	587	13500	175	2140
3	987	225	430	9180	300	2480	3720	145	525	9080	106	911
4	987	211	433	737	235	465	3100	144	482	6600	95	925
5	3380	140	696	950	200	454	6160	137	692	8800	114	1520
6	3920	140	1120	3000	200	776	12100	303	3710	6560	91	999
7	4260	217	1090	3480	200	790	9360	215	2630	5140	89	566
8	3780	219	1300	7160	180	1690	1620	137	497	1960	91	386
9	11300	180	3870	7380	392	2750	6560	134	1730	6720	114	1910
10	9260	300	2540	1900	230	792	5020	134	1700	8400	120	2590
11	14700	288	4700	11100	667	4950	15000	180	5550	12500	139	3320
12	13400	280	3480	15800	160	5840	8680	200	2380	15800	221	5390
13	5860	248	1700	19900	520	10400	15500	120	5930	11100	255	3190
14	13800	307	3870	25800	2820	15600	13400	120	5550	12200	278	2950
15	10100	322	2110	8760	300	3190	13400	140	5740	13200	240	3700
16	6980	245	1450	10400	300	3190	9080	140	2640	13600	140	3900
17	7600	240	1890	9900	260	3520	6140	120	1430	13600	120	3720
18	8700	140	2620	8300	280	2850	6140	423	1250	13600	260	3390
19	11200	240	4040	6540	200	1850	5760	120	1330	11500	300	2780
20	10300	260	3940	6540	300	1440	5200	140	941	9320	386	2050
21	10900	160	3790	7340	480	2330	2440	274	744	9960	350	2460
22	9260	558	3300	4340	160	1020	7640	219	1450	6160	200	1350
23	11100	376	2940	5120	240	1110	5140	171	856	5560	192	1220
24	8340	263	1590	4980	140	890	8480	169	1840	2720	120	680
25	10200	237	2760	4260	288	1010	14400	551	6620	8920	147	1430
26	8440	379	2720	8840	219	1630	16100	500	6690	9760	167	2230
27	10200	450	3080	7820	194	2000	17900	240	5780	15300	194	3310
28	9340	260	2810	8320	200	2660	16400	180	5840	12400	288	3840
29	---	---	---	10200	200	3460	18000	160	5370	10100	195	2000
30	---	---	---	10600	280	2970	18900	487	5240	16400	204	3080
31	---	---	---	7600	359	2300	---	---	---	17400	180	5560
MONTH	14700	140	2410	25800	140	2910	18900	120	2870	17400	89	2490

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15500	368	3870	11300	217	2220	10500	269	2700	16000	120	5950
2	13000	275	2360	5900	176	1220	9000	233	2460	15800	971	5740
3	4720	178	747	5860	158	1240	11900	194	3000	18600	140	5910
4	1480	136	537	7820	156	1700	12700	244	3570	13300	280	4160
5	5360	146	1730	4020	134	810	9760	193	2140	10600	300	2540
6	9140	188	2610	2460	120	581	11500	162	2410	9540	247	1740
7	8420	214	2910	4720	124	921	12700	220	3120	10900	276	2390
8	7340	177	2050	6020	131	928	11700	255	2780	10300	376	2650
9	5120	120	1050	7340	140	1320	11100	200	2490	8660	471	2420
10	6860	154	1450	7120	182	1480	14200	180	4100	8420	240	1740
11	13100	248	3260	7460	201	1490	11200	380	4160	---	---	---
12	11800	280	3830	10300	305	2360	8760	490	2650	---	---	---
13	10300	480	3260	10400	480	3060	8760	140	2200	---	---	---
14	7560	280	2330	10000	200	2850	7200	260	1530	---	---	---
15	7560	120	1600	10000	505	2250	5920	303	1420	---	---	---
16	6300	473	1630	7540	180	1480	4540	272	1210	---	---	---
17	7100	360	1740	4620	160	857	6420	120	1860	---	---	---
18	8620	627	2840	1800	187	408	6780	195	1730	---	---	---
19	10200	420	2880	1140	139	485	7020	146	1350	---	---	---
20	7980	353	2170	1040	121	390	9360	169	2690	---	---	---
21	9020	323	2810	7100	119	1270	7700	120	1700	---	---	---
22	10400	293	3350	10600	148	2980	22600	160	6740	---	---	---
23	13200	281	4060	8000	150	2300	25400	160	10900	---	---	---
24	10100	267	3070	11300	132	2470	21100	400	9040	---	---	---
25	8700	120	2020	11200	146	2930	16300	460	5610	---	---	---
26	5880	120	1040	11500	165	2600	10100	180	2550	---	---	---
27	8080	140	1540	15700	190	3420	10500	160	2180	---	---	---
28	6360	160	1330	12800	258	3780	13900	364	2820	10300	240	3420
29	9900	155	1410	10700	231	2970	13900	400	5210	10000	140	3100
30	11300	228	2510	10500	229	2130	17800	520	7590	7760	260	2090
31	---	---	---	9860	140	2130	17100	240	6820	---	---	---
MONTH	15500	120	2270	15700	119	1840	25400	120	3570	18600	120	3370
YEAR	25800	89	2810									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	26.5	27.0	21.0	20.5	20.5	18.0	17.0	17.5	10.5	10.5	10.5
2	27.0	26.0	26.5	21.0	20.5	20.5	18.0	17.5	17.5	10.5	10.5	10.5
3	26.5	26.0	26.0	21.0	20.5	20.5	18.0	17.5	17.5	11.5	10.5	11.0
4	26.5	26.0	26.0	21.0	20.0	20.5	18.0	18.0	18.0	11.0	11.0	11.0
5	26.0	25.5	26.0	20.5	19.5	20.0	18.5	18.0	18.0	11.0	10.0	10.5
6	26.0	25.5	26.0	19.5	19.0	19.0	19.0	18.0	18.5	10.0	9.5	10.0
7	26.0	25.5	25.5	19.0	17.5	18.0	19.0	18.5	18.5	10.0	9.0	9.5
8	26.0	25.5	25.5	18.0	17.0	17.5	19.0	18.5	19.0	9.5	8.5	9.0
9	26.0	25.5	25.5	18.0	17.0	17.5	19.0	19.0	19.0	10.0	9.0	9.5
10	25.5	25.0	25.5	18.5	17.5	17.5	19.0	18.5	18.5	10.0	9.5	9.5
11	25.5	25.0	25.0	18.5	17.5	18.0	18.5	17.5	18.0	9.5	9.0	9.5
12	25.5	25.0	25.0	18.5	18.0	18.0	18.5	17.0	17.5	9.5	9.0	9.5
13	25.0	24.5	25.0	18.5	17.5	18.0	18.0	16.5	17.0	9.5	9.0	9.5
14	25.0	24.5	24.5	18.0	17.5	18.0	17.5	16.0	17.0	10.0	9.5	10.0
15	24.5	24.0	24.5	18.0	17.5	18.0	17.0	15.0	16.0	10.5	10.0	10.0
16	24.5	23.5	24.0	18.0	17.5	18.0	15.5	14.5	15.0	10.5	10.5	10.5
17	24.0	23.0	23.5	19.0	17.5	18.0	15.0	14.0	14.5	11.0	10.5	11.0
18	23.5	23.0	23.5	18.5	18.0	18.0	14.5	13.5	14.0	11.5	11.0	11.5
19	23.5	23.0	23.5	18.5	18.0	18.0	14.5	13.5	14.0	12.0	11.5	11.5
20	23.5	23.5	23.5	18.5	18.0	18.5	15.0	13.5	14.0	12.5	11.5	12.0
21	23.5	23.0	23.5	18.5	18.0	18.0	15.0	14.0	14.5	13.0	12.0	12.0
22	23.5	23.0	23.0	18.5	17.5	18.0	15.5	14.5	14.5	13.5	12.5	12.5
23	23.0	22.0	22.5	18.5	17.5	18.0	15.0	14.5	15.0	14.0	13.0	13.5
24	22.0	21.5	21.5	18.5	18.0	18.0	14.5	14.0	14.5	14.5	14.0	14.0
25	22.0	21.0	21.5	18.5	18.0	18.0	14.5	12.5	13.5	14.5	14.0	14.0
26	22.0	20.5	21.0	18.5	18.0	18.0	13.5	11.0	12.5	14.0	13.5	14.0
27	21.5	20.5	21.0	18.5	18.0	18.0	12.5	10.5	11.5	14.0	13.5	14.0
28	21.5	20.5	21.0	18.0	17.5	18.0	12.0	10.5	11.0	14.0	13.5	14.0
29	21.0	20.5	20.5	18.0	17.5	17.5	12.0	10.5	11.0	14.5	14.0	14.0
30	21.0	20.5	20.5	18.0	17.0	17.5	11.5	10.5	10.5	14.5	14.0	14.5
31	21.0	20.0	20.5	---	---	---	11.0	10.5	10.5	14.0	13.5	14.0
MONTH	27.0	20.0	23.8	21.0	17.0	18.4	19.0	10.5	15.4	14.5	8.5	11.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	13.0	13.0	12.5	12.0	12.5	16.5	16.0	16.5	20.0	17.5	19.0
2	13.5	12.5	13.0	13.0	12.0	12.5	17.5	16.5	17.0	19.0	16.5	17.5
3	13.5	12.5	13.0	13.5	12.5	13.0	18.5	17.5	18.0	18.0	16.0	17.0
4	13.5	13.0	13.5	13.5	13.0	13.0	19.0	18.0	18.5	18.0	16.5	17.0
5	14.0	13.5	13.5	13.0	12.5	12.5	20.0	19.0	19.5	18.5	17.5	18.0
6	14.0	13.5	14.0	13.0	12.5	12.5	20.0	18.5	19.5	19.5	18.0	19.0
7	14.5	14.0	14.0	13.5	12.5	13.0	20.5	19.0	20.0	21.0	19.0	20.0
8	15.0	14.0	14.5	13.5	12.5	13.0	21.0	20.0	20.5	21.5	20.5	21.0
9	15.0	14.5	14.5	13.0	12.5	13.0	21.0	20.0	20.5	22.0	20.5	21.5
10	15.0	14.5	15.0	13.0	12.5	12.5	21.0	20.0	20.5	22.5	21.0	22.0
11	15.5	14.5	15.0	13.0	12.0	12.5	21.5	20.0	21.0	22.5	21.5	22.0
12	16.0	15.0	15.5	13.0	12.0	12.5	21.0	20.5	21.0	22.5	21.5	22.0
13	15.5	15.0	15.5	13.0	12.0	12.5	21.0	20.0	21.0	22.5	22.0	22.5
14	15.0	14.0	14.5	13.0	12.5	13.0	21.0	20.5	21.0	23.0	22.5	22.5
15	14.0	13.0	14.0	13.0	12.5	12.5	21.0	20.5	21.0	23.0	22.0	22.5
16	14.0	13.0	13.5	13.0	12.5	12.5	21.0	20.5	21.0	23.0	22.0	22.5
17	14.0	13.0	13.5	13.5	12.5	13.0	20.5	20.0	20.5	22.5	22.0	22.5
18	15.0	13.5	14.0	14.0	13.0	13.5	20.0	19.5	20.0	23.5	22.0	22.5
19	15.0	14.0	14.5	15.0	14.0	14.5	20.0	19.5	19.5	23.5	22.5	23.0
20	15.0	14.0	14.5	15.5	14.0	15.0	20.0	19.5	20.0	24.0	23.0	23.5
21	14.5	14.0	14.5	16.0	14.5	15.5	21.0	20.0	20.0	24.5	23.0	24.0
22	14.0	13.0	13.5	16.0	15.0	15.5	21.5	20.0	21.0	24.5	23.5	24.5
23	13.5	11.5	12.5	16.5	15.5	16.0	22.0	21.0	21.5	25.0	24.0	24.5
24	12.5	10.5	11.5	16.5	16.0	16.5	22.5	21.5	22.0	25.0	24.5	25.0
25	12.0	10.5	11.0	17.0	16.5	16.5	22.0	21.0	21.5	25.5	25.0	25.0
26	11.5	10.5	11.0	17.0	16.0	16.5	22.0	21.0	21.5	25.5	25.0	25.0
27	12.0	11.0	11.5	16.0	15.5	16.0	22.5	21.5	22.0	25.5	25.0	25.5
28	12.5	11.5	12.0	16.0	15.3	15.5	22.5	22.0	22.5	26.0	25.0	25.5
29	---	---	---	16.1	15.3	15.5	22.5	21.0	22.0	26.0	25.5	25.5
30	---	---	---	16.1	15.5	16.0	21.5	19.5	20.5	26.0	25.5	25.5
31	---	---	---	16.0	15.5	16.0	---	---	---	26.5	25.5	26.0
MONTH	16.0	10.5	13.6	17.0	12.0	14.0	22.5	16.0	20.4	26.5	16.0	22.4

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.5	26.0	27.0	26.5	27.0	33.0	31.5	32.0	28.0	27.5	27.5
2	27.0	25.5	26.5	27.5	26.5	27.0	32.5	32.0	32.5	27.5	27.0	27.5
3	27.0	26.0	26.5	28.0	27.0	27.0	32.5	31.5	32.0	27.5	26.5	27.0
4	27.0	26.0	26.5	28.5	27.0	27.5	32.0	31.5	31.5	27.0	26.5	27.0
5	27.0	26.0	26.5	28.5	27.5	28.0	31.5	31.0	31.5	27.0	26.5	27.0
6	27.5	26.0	26.5	28.5	28.5	28.5	31.5	31.0	31.0	27.5	27.0	27.0
7	27.5	26.5	27.0	29.0	28.0	28.5	31.5	31.0	31.0	28.0	27.5	27.5
8	27.5	26.5	27.0	29.0	28.5	28.5	31.5	30.5	31.0	28.0	27.5	28.0
9	28.0	27.0	27.5	29.5	29.0	29.0	31.0	30.5	31.0	28.5	28.0	28.0
10	28.0	27.5	27.5	29.5	29.0	29.0	31.0	30.5	31.0	28.5	28.0	28.0
11	27.5	27.0	27.5	29.5	29.0	29.0	31.5	30.5	31.0	28.5	28.0	28.0
12	27.5	27.0	27.5	29.0	28.5	29.0	31.5	31.0	31.0	28.0	27.5	27.5
13	27.5	27.5	27.5	29.0	28.5	29.0	32.0	31.0	31.5	28.0	27.0	27.5
14	27.5	27.0	27.5	28.5	28.0	28.5	32.0	31.0	31.5	27.5	27.0	27.0
15	28.0	27.5	27.5	29.0	28.0	28.5	32.0	31.0	31.5	27.0	25.5	26.5
16	28.0	27.5	27.5	28.5	28.0	28.5	31.5	31.0	31.5	25.5	24.5	25.0
17	28.0	27.5	28.0	29.0	28.0	28.5	32.0	31.0	31.5	25.5	24.5	25.0
18	28.0	27.0	27.5	29.0	28.5	28.5	31.5	31.0	31.5	25.0	24.0	24.5
19	27.5	26.5	27.0	29.5	29.0	29.0	31.5	31.0	31.0	24.5	24.0	24.5
20	26.5	26.0	26.0	29.5	29.0	29.5	31.0	30.5	31.0	24.5	24.0	24.0
21	26.0	25.5	26.0	30.0	29.5	29.5	31.0	30.5	30.5	24.5	24.0	24.0
22	26.0	25.5	26.0	30.5	29.5	30.0	31.0	30.5	30.5	24.5	23.5	24.0
23	26.0	25.5	25.5	31.0	30.0	30.5	30.5	30.0	30.5	24.0	23.0	23.5
24	26.5	25.5	26.0	31.0	30.5	30.5	30.5	30.0	30.5	23.5	23.0	23.5
25	26.5	26.0	26.0	31.0	30.5	31.0	30.5	30.0	30.0	23.5	23.0	23.5
26	26.5	26.0	26.5	31.0	30.5	31.0	30.5	29.5	30.0	24.0	23.5	23.5
27	27.0	26.5	26.5	31.5	31.0	31.0	30.5	29.5	30.0	24.5	24.0	24.0
28	27.0	26.5	27.0	31.5	31.0	31.0	30.0	29.5	30.0	25.0	24.0	24.5
29	27.0	26.5	26.5	31.5	31.0	31.5	30.0	29.0	29.5	25.5	24.5	24.5
30	27.0	26.5	26.5	32.0	31.0	31.5	29.0	28.5	29.0	25.0	24.5	25.0
31	---	---	---	32.5	31.5	32.0	28.5	27.5	28.0	---	---	---
MONTH	28.0	25.5	26.8	32.5	26.5	29.3	33.0	27.5	30.8	28.5	23.0	25.8
YEAR	33.0	8.5	21.1									

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°53'25'', long 79°57'47'', Charleston County, Hydrologic Unit 03050201, on Interstate 526 bridge pier, 3.5 mi from North Charleston, and at river mile 9.5.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 10 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.89 ft, Sep. 3, 1999; minimum gage height, 4.99 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.89 ft, Sep. 3; minimum gage height, 5.52 ft, Dec. 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.01	7.34	10.57	13.60	6.80	10.71	13.06	5.71	9.80	13.84	6.17	10.51
2	13.78	7.87	10.93	13.73	6.79	10.77	13.51	5.56	10.06	14.65	6.70	11.27
3	13.81	7.39	10.87	14.12	6.73	10.76	13.78	5.68	10.07	14.21	6.24	10.43
4	13.74	6.77	10.60	13.95	6.12	10.45	13.58	5.52	9.83	12.95	5.73	9.44
5	13.87	6.61	10.64	14.42	6.39	10.84	13.55	5.63	9.82	12.87	6.16	9.68
6	14.17	6.75	10.92	14.44	7.00	10.72	13.42	6.19	9.82	13.04	7.07	10.04
7	14.35	6.88	10.85	13.76	6.67	10.23	13.09	6.48	9.77	12.42	7.10	9.77
8	13.95	6.56	10.39	13.44	6.88	10.16	12.70	6.58	9.62	12.45	7.65	10.05
9	13.48	6.38	10.12	13.03	7.02	10.09	11.99	6.55	9.50	12.39	7.76	10.16
10	13.41	6.73	10.15	13.01	7.40	10.29	12.51	7.81	10.19	12.14	8.22	10.15
11	13.29	7.00	10.25	12.38	6.92	9.88	12.43	7.83	10.41	12.45	7.58	9.97
12	13.14	7.36	10.35	12.39	7.58	10.01	12.78	7.94	10.66	12.09	7.21	9.78
13	13.19	7.74	10.64	12.71	7.97	10.46	12.75	6.72	10.18	12.36	7.15	9.84
14	13.03	7.86	10.71	12.79	7.60	10.44	12.40	7.73	10.43	12.48	7.06	9.88
15	13.11	7.88	10.71	12.67	7.14	10.10	13.18	7.94	10.73	12.71	6.86	9.79
16	13.23	7.82	10.84	12.65	7.16	10.18	12.56	7.50	10.29	13.05	6.85	10.26
17	13.15	7.76	10.77	12.64	7.18	10.00	12.82	7.27	9.97	13.22	7.13	10.40
18	13.00	7.61	10.57	12.90	6.91	10.36	13.19	6.97	10.26	13.30	6.62	10.12
19	12.71	7.25	10.27	13.26	7.55	10.43	13.46	7.26	10.44	12.91	6.25	9.81
20	12.68	7.05	10.05	12.97	7.14	10.12	13.12	6.89	10.14	13.12	6.60	10.01
21	12.81	7.20	10.23	12.40	7.11	9.86	12.99	6.85	10.03	13.13	6.78	10.08
22	12.48	7.41	10.13	12.79	7.53	10.14	12.79	6.63	9.85	12.97	6.86	10.15
23	13.16	7.80	10.51	12.81	7.19	9.99	13.36	7.70	10.35	13.05	7.26	10.28
24	12.93	7.72	10.36	12.42	7.12	9.67	13.05	7.39	10.31	13.02	6.77	10.14
25	12.67	7.73	10.15	12.74	7.70	10.12	13.16	7.85	10.56	12.55	6.64	10.01
26	12.46	7.84	10.07	12.25	7.07	9.73	13.21	7.75	10.79	12.84	7.41	10.37
27	12.63	7.87	10.17	12.24	6.98	9.64	13.27	7.31	10.68	13.40	6.44	10.28
28	12.88	8.14	10.47	12.45	6.76	9.90	13.53	6.99	10.62	13.11	6.02	9.90
29	12.75	7.62	10.27	12.69	6.25	9.94	13.75	6.80	10.71	13.22	6.02	10.21
30	12.99	7.33	10.48	12.94	5.81	9.90	13.66	6.33	10.15	14.03	6.63	10.87
31	13.36	7.08	10.50	---	---	---	13.85	6.33	10.49	14.35	7.43	11.31
MONTH	14.35	6.38	10.47	14.44	5.81	10.20	13.85	5.52	10.21	14.65	5.73	10.16

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.68	7.68	11.49	13.51	6.61	10.52	12.80	6.75	9.99	14.26	8.43	11.48
2	14.00	7.04	10.76	13.95	7.18	11.03	12.94	6.60	9.95	13.91	8.43	11.33
3	13.37	6.68	10.28	14.17	7.64	10.73	13.00	7.09	10.19	13.47	8.17	10.91
4	12.93	6.71	10.08	13.05	6.33	9.95	12.64	7.59	10.22	13.31	8.10	10.73
5	12.84	7.71	10.29	13.08	7.38	10.51	13.57	7.17	10.37	13.20	8.23	10.66
6	12.65	7.91	10.41	12.89	7.74	10.43	13.59	8.39	10.90	13.00	7.99	10.33
7	12.27	8.04	10.22	12.52	7.54	10.08	12.69	7.88	10.11	13.00	7.68	10.09
8	12.03	7.99	9.96	12.64	8.52	10.65	12.23	7.82	9.98	12.48	7.62	9.90
9	12.66	8.70	10.70	12.94	8.99	10.86	12.49	8.09	10.21	12.21	7.41	9.98
10	12.70	8.35	10.55	12.36	8.75	10.64	12.18	7.67	10.31	12.53	7.16	10.16
11	12.98	7.93	10.62	12.97	8.80	10.92	13.42	7.85	11.04	13.14	7.42	10.59
12	12.73	6.15	10.17	12.88	8.34	10.77	13.05	7.18	10.52	13.56	7.08	10.79
13	12.43	6.24	9.74	13.16	8.62	11.05	13.77	7.60	11.09	13.87	6.42	10.60
14	13.03	6.90	10.43	13.93	7.43	11.48	13.95	7.05	10.88	14.38	6.36	10.67
15	13.71	7.31	10.77	12.74	6.65	10.04	14.32	6.99	11.01	14.71	6.68	10.93
16	13.70	7.06	10.72	13.37	6.97	10.52	13.57	5.72	9.90	14.87	7.02	11.08
17	13.83	6.98	10.68	13.37	6.58	10.30	13.53	5.71	9.78	14.80	7.08	11.04
18	13.95	7.14	10.84	13.23	6.14	10.01	13.32	5.59	9.61	14.40	7.15	10.97
19	14.51	7.88	11.29	13.74	6.00	10.20	13.14	5.91	9.58	14.22	7.13	10.61
20	14.27	8.07	11.35	13.75	6.43	10.19	13.05	6.13	9.43	13.84	7.44	10.63
21	14.28	7.93	11.27	13.38	6.14	10.12	12.63	6.48	9.67	13.56	7.57	10.51
22	14.02	8.24	11.22	12.86	6.36	9.63	13.06	6.93	9.84	13.17	7.52	10.40
23	14.11	8.25	11.30	12.93	6.58	9.69	12.67	6.84	9.74	12.76	7.43	10.29
24	14.09	7.86	11.25	12.80	6.84	9.69	12.73	6.67	10.10	12.56	7.34	10.15
25	14.09	7.48	11.19	12.51	6.78	9.81	13.19	7.89	10.90	12.89	7.38	10.21
26	13.68	7.85	11.21	13.16	7.83	10.63	13.03	7.50	10.60	12.88	7.41	10.31
27	14.08	7.68	11.18	13.11	7.13	10.43	13.08	7.43	10.54	13.29	7.43	10.45
28	13.87	7.44	10.69	12.93	6.79	10.20	13.32	7.92	10.88	13.20	7.43	10.43
29	---	---	---	12.93	6.74	10.18	13.75	7.98	10.99	13.08	7.27	10.23
30	---	---	---	13.27	6.87	10.43	14.04	8.18	11.36	13.16	7.25	10.18
31	---	---	---	13.30	7.38	10.54	---	---	---	13.18	7.49	10.30
MONTH	14.68	6.15	10.74	14.17	6.00	10.39	14.32	5.59	10.32	14.87	6.36	10.55

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.11	7.58	10.29	12.88	6.93	9.89	13.17	7.29	10.44	14.21	8.04	11.42
2	12.92	7.58	10.19	13.05	7.53	10.22	13.32	7.21	10.57	14.34	8.47	11.62
3	12.37	7.33	9.82	---	---	---	13.66	7.59	11.03	14.89	8.72	11.96
4	12.84	7.03	9.96	12.95	7.13	10.14	13.85	7.85	11.12	14.36	8.38	11.61
5	12.87	7.92	10.56	12.70	6.98	9.96	13.74	7.37	10.86	13.84	7.77	11.05
6	13.03	7.55	10.35	12.54	6.68	9.96	13.82	7.11	10.74	13.82	7.27	10.82
7	12.75	7.53	10.37	12.77	6.76	9.97	13.79	6.96	10.69	14.02	7.04	10.84
8	12.99	7.25	10.40	13.04	6.27	9.95	---	---	---	13.94	7.02	10.85
9	12.97	6.67	10.16	13.37	6.05	9.99	---	---	---	14.01	7.32	10.90
10	13.41	6.47	10.24	13.54	5.91	10.00	14.62	6.96	11.03	13.80	7.31	10.81
11	14.52	6.94	10.95	13.90	5.78	10.00	14.19	6.88	10.91	13.82	7.59	11.00
12	14.74	6.93	11.21	14.57	6.65	10.82	14.08	6.96	10.71	13.77	8.10	11.17
13	14.76	6.64	11.00	14.36	6.72	10.81	13.78	7.20	10.70	13.58	8.32	11.12
14	14.40	6.44	10.71	14.36	6.64	10.73	13.31	7.32	10.64	13.58	8.59	11.15
15	14.08	6.48	10.43	14.08	7.12	10.66	13.08	7.14	10.56	---	---	---
16	13.89	6.81	10.39	13.53	7.23	10.57	12.95	7.27	10.33	---	---	---
17	13.85	7.01	10.44	13.44	7.22	10.38	12.67	7.60	10.39	---	---	---
18	13.85	7.78	11.02	13.02	7.17	10.16	12.52	7.86	10.28	---	---	---
19	14.05	8.33	11.17	12.49	7.24	9.95	12.46	7.61	10.01	---	---	---
20	13.38	7.80	10.62	12.01	7.09	9.72	12.38	7.54	10.14	---	---	---
21	12.73	7.81	10.45	12.43	7.31	9.99	12.51	7.67	10.10	---	---	---
22	12.86	7.92	10.59	12.72	7.82	10.38	13.39	7.97	10.58	---	---	---
23	13.25	8.17	10.81	12.70	7.76	10.29	13.67	8.18	11.03	14.34	8.36	11.51
24	13.14	8.04	10.73	12.80	7.49	10.21	13.56	7.88	10.85	14.23	8.02	11.42
25	13.03	7.69	10.49	12.96	7.49	10.26	13.54	7.30	10.64	14.03	7.51	11.11
26	12.88	7.37	10.25	13.03	7.30	10.14	13.44	7.13	10.43	13.83	7.14	10.84
27	12.80	7.28	10.08	13.47	7.32	10.35	13.48	6.89	10.38	14.19	7.13	10.92
28	12.68	6.95	9.77	13.54	7.49	10.60	13.91	6.96	10.62	---	---	---
29	12.79	6.67	9.64	13.39	7.35	10.50	14.02	7.57	11.13	---	---	---
30	12.95	7.07	9.96	13.51	7.14	10.46	13.71	7.73	11.15	---	---	---
31	---	---	---	13.39	7.26	10.41	13.93	7.80	11.13	---	---	---
MONTH	14.76	6.44	10.43	14.57	5.78	10.25	14.62	6.88	10.66	14.89	7.02	11.16
YEAR	14.89	5.52	10.44									

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to current year.

WATER TEMPERATURE: April 1997 to current year.

DISSOLVED OXYGEN: April 1997 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 38,600 microsiemens, Sep. 23, 1999; minimum, 1,190 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE: Maximum, 32.0°C on several days during Jul. and Aug. 1999; minimum, 8.5°C, Jan. 6, 7, 11, 1999.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Jan. 10, 11, 1999; minimum, 3.4 mg/L on several days during Sep. 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 38,600 microsiemens, Sep. 23; minimum, 8,330 microsiemens, May 8.

WATER TEMPERATURE: Maximum, 32.0°C on several days during July and August; minimum, 8.5°C, Jan. 6, 7, 11.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Jan. 10, 11; minimum, 3.4 mg/L on several days during August and September.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28300	19400	23200	33800	22600	27000	33000	21900	25900	33000	17900	23000
2	31200	18700	23800	33700	23100	27400	33700	19700	25800	35700	18200	25500
3	31800	20500	25000	35000	20600	26500	35800	19900	26000	33000	18600	23700
4	32000	21000	25500	33100	19300	24100	33500	16200	23700	26300	13500	18100
5	31700	20600	25200	35600	18400	24800	31800	15500	21500	24900	11700	16000
6	32500	19900	24900	35100	19900	24900	31900	16900	22300	28500	12300	17400
7	32200	17500	23300	30900	16000	21100	30100	16100	21400	27300	13000	17300
8	29300	14400	19600	29100	13300	19000	30400	15400	20500	28800	13500	18000
9	24600	12000	16200	30500	13800	19600	25300	14000	18100	31000	17400	22000
10	24700	10600	15300	29600	14500	20800	25100	15400	18800	27100	21300	23300
11	27000	9890	15900	29000	17400	21500	26300	18800	21100	30600	20100	24800
12	26600	12400	17600	23900	14300	18200	26600	18400	22200	30800	17700	23400
13	27500	14900	19600	28200	16200	21000	30100	19500	23500	33500	18100	24100
14	29100	17100	21100	29100	18300	22800	29100	20200	24300	32700	20600	26500
15	26800	14400	19100	32100	18600	23700	31100	17900	25700	33900	23700	27700
16	26700	14500	19700	31700	17600	24300	30100	16300	21500	35100	21300	26800
17	25700	15700	19500	33400	19800	24600	30900	20200	23900	34700	22200	27800
18	26800	15800	19500	31700	20200	24600	32500	19100	25100	35100	23800	27800
19	23700	12200	17300	32400	19800	24600	33900	22200	27000	31800	21200	24800
20	24200	9420	14400	31500	17500	22700	34000	23100	28000	30700	19200	23200
21	24900	11600	16300	25300	14800	18900	33200	22800	27500	32200	17400	22800
22	22300	14200	18200	29400	15700	20300	34700	23100	26500	32200	19000	23700
23	28800	16100	19100	32700	18600	23300	32600	21100	25400	30400	19000	24000
24	27300	15500	19500	31500	20000	23700	31800	21400	24900	28700	13300	19900
25	28000	16200	19600	31100	17700	23200	32000	20600	24500	22800	12000	16500
26	---	---	---	29200	21400	24200	29600	18100	23300	24800	12800	17300
27	---	---	---	26800	16700	21700	30800	19300	24300	29500	15200	20100
28	32800	20000	24700	26900	15200	20800	32200	19400	25000	26800	14400	19500
29	30900	21700	25900	29200	18600	23700	32900	20900	26000	27000	13700	18700
30	31300	20400	25700	31000	21200	25700	32300	18900	23700	32400	15200	22100
31	32100	20000	25300	---	---	---	33100	17000	23000	34700	19000	24400
MONTH	32800	9420	20700	35600	13300	23000	35800	14000	23900	35700	11700	22300

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	34200	20000	24600	27800	14300	20100	25500	13300	18900	32600	20500	25400
2	29700	15400	20800	29100	16600	22600	25100	11300	16300	28200	16000	21900
3	24800	12800	16600	30500	17900	22300	25400	12700	17000	27600	10400	17700
4	24000	11600	15400	24700	10100	15200	24400	12600	16900	27000	11800	16900
5	25400	10600	15600	26200	11500	15300	25400	12900	16200	27000	13400	17500
6	25200	14200	18500	24200	11800	16300	26800	15300	18600	24900	10000	15800
7	24700	13000	18400	---	---	---	24400	16800	20100	20500	10900	14700
8	25000	15600	18800	---	---	---	25300	12000	16400	20100	8330	12800
9	31600	17400	21000	---	---	---	25400	12700	18100	22600	9510	14700
10	29300	16600	21300	---	---	---	23900	14400	18600	27400	14500	18600
11	33100	18900	23100	---	---	---	33300	18600	23100	28500	17200	21200
12	33800	20800	25200	---	---	---	29200	18200	22800	29800	18200	23600
13	28500	17200	21900	---	---	---	32200	18700	24800	30500	17600	23400
14	30400	16500	22600	---	---	---	33100	21300	26100	32400	16800	22600
15	29800	19700	23700	---	---	---	34000	21100	27100	33400	17000	22700
16	30200	18300	22200	---	---	---	29700	16500	22900	35100	17500	23100
17	29200	16500	21600	---	---	---	31700	15200	20800	33800	16900	22800
18	29100	16400	21900	---	---	---	28900	14200	19800	31700	17400	22200
19	32800	17300	23300	---	---	---	27400	13800	19400	31700	14400	20400
20	30000	19500	23000	---	---	---	28200	13100	18700	29000	13800	19400
21	31000	18600	23100	---	---	---	27600	12700	17200	26500	14600	19500
22	28800	16400	21100	---	---	---	27100	14200	19100	25900	13900	18800
23	30600	16600	21400	---	---	---	26200	13000	18300	26400	15200	18800
24	27500	11700	18800	---	---	---	27000	12500	18100	24700	13600	17800
25	27900	15100	20100	---	---	---	29900	16600	22600	28100	12300	17100
26	26600	15800	20600	26700	13500	19000	31700	20800	26200	26100	14700	19000
27	28400	16400	21700	27200	14200	18900	32900	23100	27300	28600	15300	20100
28	28600	16700	21500	29700	17200	21500	32400	23000	26800	28600	16500	21300
29	---	---	---	28700	17700	22800	31900	21700	25800	27400	16200	20800
30	---	---	---	29600	18700	23400	31600	22800	26000	29100	16600	20600
31	---	---	---	28500	19900	23200	---	---	---	29200	18000	22300
MONTH	34200	10600	21000	30500	10100	20000	34000	11300	21000	35100	8330	19800

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28900	19300	23300	27400	16800	21100	30700	17800	21800	36300	25200	29200
2	28100	17700	22100	27000	15200	19500	30700	18000	22100	---	---	---
3	25800	13100	18800	---	---	---	31900	17600	22200	---	---	---
4	24500	11800	16400	26000	15400	19000	30800	18500	23300	---	---	---
5	26600	14400	18700	26000	13200	17800	31400	16500	21900	---	---	---
6	27500	17500	21500	22800	11500	16200	31800	14800	21400	---	---	---
7	27900	18800	22500	25200	12700	17100	31900	16700	22700	---	---	---
8	28900	18900	22800	26300	13500	18300	---	---	---	---	---	---
9	27400	16200	21400	27700	14200	18800	---	---	---	---	---	---
10	30000	16600	21200	28500	14000	19600	34900	16800	23900	---	---	---
11	34500	18200	23500	29800	13800	19500	32700	19400	24100	30500	19000	23300
12	35400	20000	25200	33000	15400	21200	30900	16900	22500	---	---	---
13	35100	19000	24700	31500	15400	21500	---	---	---	---	---	---
14	33300	18200	23600	31200	15900	21200	29000	15600	21000	---	---	---
15	32000	16000	21600	28600	15900	20400	27600	16200	20000	---	---	---
16	29800	15300	21100	24900	14400	18400	27600	12800	18900	---	---	---
17	29800	16000	20700	24900	11900	16400	30000	13700	19000	---	---	---
18	29200	18200	22200	24900	11500	15500	27200	15600	19700	---	---	---
19	30000	18800	23400	19500	10200	13700	28100	13200	18300	---	---	---
20	28200	18000	22200	19400	9700	13500	28500	15400	20100	---	---	---
21	28200	16600	21100	25400	9490	15400	27600	15400	19900	---	---	---
22	28700	17200	21600	27400	13500	18600	33600	16000	22300	---	---	---
23	32700	18700	23300	30900	16000	20700	---	---	---	38600	28600	33000
24	31600	19300	24200	31300	16000	21300	---	---	---	37000	27100	32200
25	30800	16400	23400	29400	17700	21900	34900	24200	29500	35600	22700	29600
26	28200	12400	20800	31100	16200	21800	32100	20200	26300	34100	22400	27300
27	27600	15000	19700	32900	17700	22500	31400	19200	24200	34900	20500	26200
28	29500	16000	20100	32100	17800	23800	34800	19000	24100	33000	19100	24500
29	30200	14800	19700	31700	20100	24400	33900	22500	26300	32100	18600	23000
30	30900	15200	20200	31200	18000	22900	36400	23000	27700	30000	14700	20100
31	---	---	---	30900	16500	21800	36400	25000	29400	---	---	---
MONTH	35400	11800	21700	33000	9490	19500	36400	12800	22800	38600	14700	26800
YEAR	38600	8330	21700									

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	26.5	27.0	21.0	20.5	21.0	18.5	18.0	18.0	11.0	10.5	11.0
2	27.0	26.0	26.5	21.0	20.5	21.0	18.5	17.5	18.0	11.0	10.5	10.5
3	26.5	26.0	26.5	21.0	20.5	21.0	18.5	18.0	18.0	11.0	10.5	11.0
4	26.5	26.0	26.0	21.0	20.0	20.5	18.5	18.0	18.0	11.0	10.5	10.5
5	26.5	26.0	26.0	20.5	18.5	20.0	18.5	18.0	18.0	10.5	9.5	10.0
6	26.0	25.5	26.0	19.5	18.0	19.0	19.0	18.0	18.5	10.0	8.5	9.5
7	26.0	25.5	25.5	18.5	18.0	18.0	19.0	18.0	18.5	10.0	8.5	9.5
8	26.0	25.5	25.5	18.5	17.0	18.0	19.0	18.5	19.0	10.5	9.0	9.5
9	26.0	25.5	25.5	18.5	17.5	18.0	19.5	18.5	19.0	11.0	9.5	10.0
10	25.5	25.0	25.5	18.5	17.5	18.0	19.0	18.0	18.0	10.0	9.5	9.5
11	25.5	24.5	25.0	19.0	18.0	18.5	18.5	17.0	18.0	10.0	8.5	9.5
12	25.5	24.5	25.0	18.5	17.5	18.0	18.0	17.0	17.5	10.0	9.0	9.5
13	25.5	24.0	25.0	18.0	17.5	18.0	18.0	17.5	17.5	10.0	9.5	10.0
14	25.0	24.0	25.0	18.0	17.5	18.0	17.5	16.5	17.0	10.5	10.0	10.0
15	25.0	23.5	24.5	18.0	17.5	18.0	16.5	15.0	16.0	11.0	10.0	10.5
16	24.5	23.5	24.0	18.5	17.5	18.0	15.5	14.5	15.5	11.0	10.0	10.5
17	24.0	23.5	24.0	18.5	18.0	18.5	15.5	14.0	15.0	11.0	10.5	11.0
18	24.0	23.5	24.0	18.5	18.0	18.0	14.5	14.0	14.0	11.5	11.0	11.5
19	24.0	23.5	24.0	18.5	18.0	18.0	14.5	14.0	14.0	12.0	11.0	11.5
20	24.0	23.5	24.0	18.5	18.0	18.5	15.0	14.0	14.5	12.0	11.0	11.5
21	24.0	22.5	23.5	18.5	17.5	18.0	15.0	14.0	14.5	12.5	12.0	12.0
22	23.5	21.5	22.5	18.0	17.5	17.5	15.5	14.5	15.0	13.0	12.0	12.5
23	22.0	21.0	21.5	18.5	17.5	18.0	15.0	14.0	14.5	14.0	13.0	13.0
24	22.0	21.0	21.5	19.0	18.0	18.0	14.5	13.5	14.0	14.5	13.5	14.0
25	22.0	20.5	21.5	18.5	18.0	18.0	14.0	12.5	13.0	15.0	13.5	14.0
26	---	---	---	18.5	18.0	18.5	13.0	11.5	12.5	14.5	13.5	14.0
27	---	---	---	18.5	17.0	18.0	12.5	11.5	12.0	14.5	13.5	14.0
28	21.5	20.0	21.0	18.5	17.0	17.5	12.5	11.5	12.0	15.0	14.0	14.5
29	21.5	20.0	20.5	18.0	17.0	18.0	12.0	11.0	12.0	15.0	14.5	14.5
30	21.0	20.0	20.5	18.0	17.5	18.0	11.5	11.0	11.5	14.5	14.0	14.5
31	21.0	20.5	21.0	---	---	---	11.5	11.0	11.0	14.5	13.5	14.0
MONTH	27.0	20.0	24.1	21.0	17.0	18.5	19.5	11.0	15.6	15.0	8.5	11.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	13.5	13.5	12.5	12.0	12.0	16.5	16.0	16.0	19.0	18.0	18.5
2	14.0	13.5	13.5	12.5	12.0	12.5	17.5	16.0	16.5	18.5	18.0	18.0
3	14.0	13.5	13.5	13.0	12.5	12.5	18.0	16.5	17.0	19.0	17.5	18.0
4	14.0	13.5	14.0	12.5	12.0	12.5	19.0	17.5	17.5	19.0	17.5	18.0
5	14.5	13.0	13.5	13.0	12.0	12.5	19.0	18.0	18.5	19.0	17.5	18.0
6	14.5	13.0	13.5	13.5	12.5	13.0	19.0	18.0	18.5	20.0	18.0	18.5
7	14.5	13.5	14.0	---	---	---	19.5	18.5	18.5	20.0	18.5	19.0
8	15.5	14.0	14.5	---	---	---	21.0	18.5	19.5	21.5	19.5	20.0
9	15.5	14.0	14.5	---	---	---	20.0	19.0	19.5	21.5	20.0	20.5
10	15.0	14.5	15.0	---	---	---	21.0	19.5	20.0	22.0	20.5	21.0
11	16.0	14.5	15.0	---	---	---	21.0	19.5	20.0	21.5	20.5	21.0
12	16.0	15.0	15.5	---	---	---	21.0	19.5	20.5	21.5	21.0	21.0
13	15.5	14.5	15.0	---	---	---	20.5	19.5	20.0	22.0	21.0	21.5
14	15.0	13.5	14.0	---	---	---	20.5	19.5	20.0	22.5	21.5	22.0
15	14.5	13.5	14.0	---	---	---	20.0	20.0	20.0	22.0	21.5	22.0
16	14.0	13.5	14.0	---	---	---	20.5	20.0	20.0	22.0	21.5	22.0
17	14.5	14.0	14.0	---	---	---	20.0	19.0	19.5	22.0	21.5	22.0
18	15.0	14.0	14.5	---	---	---	19.5	19.0	19.5	23.0	22.0	22.0
19	15.0	14.0	14.5	---	---	---	20.0	19.0	19.0	23.0	22.5	22.5
20	14.5	14.0	14.5	---	---	---	20.0	19.0	19.5	24.0	22.5	23.0
21	14.5	14.0	14.0	---	---	---	21.0	19.0	19.5	24.0	22.5	23.0
22	14.0	12.5	13.0	---	---	---	21.0	19.5	20.0	24.0	23.0	23.5
23	13.0	12.5	12.5	---	---	---	21.5	20.0	20.5	24.5	23.0	23.5
24	12.5	11.5	12.0	---	---	---	21.0	20.5	21.0	24.5	23.5	24.0
25	12.0	11.0	12.0	---	---	---	20.5	20.0	20.5	25.0	23.5	24.5
26	12.0	11.5	12.0	16.0	15.5	15.5	21.5	20.0	20.5	25.0	24.0	24.5
27	12.5	11.5	12.0	16.0	14.5	15.5	22.0	20.5	21.0	25.5	24.5	25.0
28	12.5	12.0	12.0	16.0	15.0	15.5	21.5	20.5	21.0	26.0	24.5	25.0
29	---	---	---	16.0	15.5	15.5	21.0	20.0	20.5	25.5	24.5	25.0
30	---	---	---	16.0	15.5	15.5	20.0	18.5	19.5	26.0	25.0	25.5
31	---	---	---	16.0	15.5	16.0	---	---	---	26.0	25.0	25.5
MONTH	16.0	11.0	13.7	16.0	12.0	14.0	22.0	16.0	19.5	26.0	17.5	21.9

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.0	25.5	26.5	26.0	26.5	32.0	31.0	31.5	28.0	27.0	27.5
2	26.5	25.0	25.5	27.5	26.0	26.5	32.0	31.0	31.5	---	---	---
3	26.5	25.5	26.0	---	---	---	31.5	31.0	31.0	---	---	---
4	27.0	25.5	26.0	28.0	27.0	27.0	31.5	30.5	31.0	---	---	---
5	27.0	25.5	26.0	28.5	27.0	27.5	31.5	30.5	31.0	---	---	---
6	27.5	26.0	26.5	28.0	27.5	27.5	31.5	30.5	31.0	---	---	---
7	27.5	26.0	26.5	28.5	27.5	28.0	31.5	30.0	31.0	---	---	---
8	28.0	26.5	27.0	28.5	27.5	28.5	---	---	---	---	---	---
9	28.0	26.5	27.0	29.0	28.0	28.5	---	---	---	---	---	---
10	27.5	27.0	27.0	29.5	28.0	29.0	31.5	30.0	30.5	---	---	---
11	27.5	27.0	27.0	29.0	28.5	29.0	31.0	30.0	30.5	28.0	27.0	28.0
12	27.5	27.0	27.0	29.0	28.5	28.5	31.0	30.5	30.5	---	---	---
13	27.5	27.0	27.0	28.5	28.0	28.5	---	---	---	---	---	---
14	27.5	27.0	27.0	28.5	28.0	28.5	31.0	30.5	31.0	---	---	---
15	28.0	27.0	27.0	29.0	27.5	28.5	31.5	30.5	31.0	---	---	---
16	28.0	27.0	27.5	28.5	28.0	28.5	31.5	30.5	31.0	---	---	---
17	28.0	27.5	27.5	29.0	28.0	28.5	32.0	30.5	31.0	---	---	---
18	27.5	27.0	27.0	29.5	28.0	28.5	32.0	30.5	31.0	---	---	---
19	27.0	26.0	26.5	29.0	28.0	28.5	31.5	30.5	31.0	---	---	---
20	26.5	25.5	26.0	30.0	28.0	29.0	31.5	30.0	30.5	---	---	---
21	26.5	25.5	26.0	30.0	28.5	29.0	31.0	29.5	30.5	---	---	---
22	26.0	25.5	25.5	30.0	29.0	29.5	31.0	30.0	30.5	---	---	---
23	26.0	25.0	25.5	30.5	29.0	29.5	---	---	---	24.0	22.5	23.5
24	27.0	25.5	26.0	30.5	29.5	30.0	---	---	---	23.5	22.5	23.0
25	26.5	26.0	26.0	30.5	29.5	30.0	30.5	29.5	30.0	24.5	22.5	23.0
26	27.0	26.0	26.5	30.5	29.5	30.0	30.0	29.5	30.0	24.5	23.0	23.5
27	27.0	26.0	26.5	31.0	30.0	30.5	30.0	29.5	30.0	23.5	23.5	23.5
28	26.5	26.0	26.5	31.5	30.0	30.5	30.5	29.5	30.0	24.0	23.5	23.5
29	26.0	26.0	26.0	31.0	30.5	30.5	30.0	29.0	29.5	24.5	23.5	24.0
30	27.0	26.0	26.0	31.5	30.5	31.0	29.0	28.0	28.5	24.5	24.0	24.0
31	---	---	---	32.0	30.5	31.0	28.5	27.5	28.0	---	---	---
MONTH	28.0	25.0	26.4	32.0	26.0	28.9	32.0	27.5	30.5	28.0	22.5	24.4
YEAR	32.0	8.5	20.8									

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.7	4.8	5.2	7.3	6.5	7.0	8.1	7.2	7.9	10.8	10.3	10.6
2	5.8	4.7	5.3	7.1	6.2	6.8	8.0	6.9	7.7	10.9	10.6	10.8
3	5.5	4.8	5.2	6.8	6.1	6.6	7.9	6.9	7.6	10.9	10.3	10.7
4	5.4	4.8	5.2	6.8	6.2	6.4	7.8	7.1	7.5	11.2	10.8	10.9
5	5.5	4.7	5.1	7.2	6.4	6.7	7.7	7.1	7.5	11.6	11.0	11.3
6	5.8	5.0	5.4	7.4	6.5	7.0	7.7	6.8	7.4	11.8	11.2	11.5
7	5.6	5.0	5.4	7.6	6.9	7.2	8.0	7.1	7.5	11.9	11.3	11.6
8	5.5	4.9	5.2	7.6	7.1	7.4	8.1	7.0	7.6	11.9	11.2	11.6
9	5.5	4.8	5.2	7.8	7.1	7.4	8.5	6.8	7.8	11.6	11.1	11.5
10	5.8	5.2	5.4	7.9	7.1	7.5	8.5	7.4	8.0	12.0	11.3	11.7
11	5.9	5.1	5.5	8.1	7.4	7.7	8.4	7.3	8.0	12.0	11.3	11.6
12	6.1	5.1	5.6	8.3	7.4	7.8	8.4	7.4	8.1	11.8	11.2	11.5
13	6.4	5.2	5.7	8.2	7.5	7.8	8.2	7.3	7.9	11.6	11.1	11.4
14	6.4	5.3	5.8	7.9	7.3	7.7	8.5	7.4	8.1	11.4	11.0	11.2
15	6.4	5.3	5.9	7.8	7.0	7.5	9.0	8.0	8.5	11.3	10.5	11.0
16	6.6	5.5	6.1	7.6	7.0	7.4	9.3	8.0	8.8	11.2	10.5	10.9
17	6.7	5.9	6.3	8.0	7.0	7.6	9.5	8.4	9.0	10.9	10.5	10.7
18	6.7	6.2	6.5	8.1	7.6	7.9	9.4	8.7	9.2	10.7	10.0	10.5
19	6.7	5.9	6.3	8.1	7.4	7.9	9.5	8.9	9.2	10.4	10.1	10.3
20	7.1	5.9	6.4	8.1	7.4	7.8	9.4	8.6	9.1	10.4	9.9	10.2
21	7.2	6.2	6.6	8.4	7.6	8.0	9.3	8.7	9.1	10.2	9.7	10.0
22	7.4	6.4	6.9	8.6	7.9	8.2	9.4	8.6	9.1	10.0	9.5	9.8
23	7.6	6.8	7.2	8.7	7.5	8.2	9.5	9.0	9.3	9.8	9.0	9.6
24	7.8	6.8	7.2	8.6	7.6	8.1	9.7	9.0	9.4	9.5	8.7	9.2
25	7.8	6.9	7.3	8.6	7.6	8.1	10.2	9.3	9.8	9.3	8.4	9.0
26	---	---	---	8.7	7.7	8.2	10.5	9.8	10.1	9.3	8.6	9.0
27	---	---	---	8.7	7.9	8.3	10.5	10.0	10.2	9.0	8.3	8.7
28	7.8	6.9	7.3	8.8	7.9	8.3	10.4	9.9	10.2	8.7	8.0	8.5
29	8.0	6.7	7.3	8.6	7.6	8.2	10.4	9.9	10.2	8.5	7.6	8.2
30	7.6	6.6	7.2	8.3	7.5	8.0	10.8	10.0	10.3	8.4	7.8	8.2
31	7.5	6.6	7.1	---	---	---	10.6	10.2	10.5	8.7	7.9	8.3
MONTH	8.0	4.7	6.1	8.8	6.1	7.6	10.8	6.8	8.7	12.0	7.6	10.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.8	8.1	8.5	8.9	8.4	8.7	8.7	7.8	8.3	7.0	6.6	6.7
2	8.6	7.9	8.3	9.0	8.2	8.6	8.7	7.8	8.3	7.5	6.7	7.1
3	8.4	7.9	8.3	8.8	8.1	8.4	8.4	7.7	8.2	8.1	7.1	7.6
4	8.5	8.1	8.4	9.1	8.3	8.8	8.4	7.7	8.1	8.1	6.9	7.6
5	8.8	8.0	8.5	9.1	8.2	8.8	8.4	7.7	8.1	8.1	6.9	7.6
6	8.7	8.0	8.5	8.9	8.3	8.7	8.2	7.4	7.9	7.9	7.1	7.6
7	8.6	8.1	8.4	---	---	---	8.0	7.2	7.7	7.9	7.2	7.6
8	8.7	8.0	8.4	---	---	---	8.2	7.3	7.9	7.8	7.0	7.4
9	8.6	7.9	8.3	---	---	---	8.1	7.2	7.7	7.5	6.6	7.2
10	8.5	7.9	8.2	---	---	---	8.0	7.3	7.7	7.3	6.5	7.0
11	8.6	8.0	8.3	---	---	---	7.9	7.2	7.6	7.1	6.4	6.8
12	8.5	8.0	8.3	---	---	---	7.7	7.2	7.5	6.9	6.2	6.6
13	8.7	8.0	8.3	---	---	---	7.8	7.2	7.5	6.6	6.0	6.4
14	8.9	8.2	8.6	---	---	---	7.8	7.1	7.5	6.4	6.0	6.3
15	8.6	8.1	8.5	---	---	---	7.7	6.9	7.4	6.6	6.0	6.3
16	8.5	8.0	8.3	---	---	---	7.7	6.7	7.3	6.7	6.1	6.4
17	8.4	8.1	8.3	---	---	---	7.6	6.8	7.2	6.9	6.0	6.3
18	8.4	8.1	8.3	---	---	---	7.9	6.7	7.2	6.6	5.6	6.2
19	8.3	8.0	8.2	---	---	---	7.8	6.9	7.2	6.8	5.7	6.1
20	8.4	7.9	8.2	---	---	---	7.7	6.6	7.2	6.6	5.8	6.1
21	8.5	7.8	8.2	---	---	---	7.9	6.7	7.3	6.6	5.8	6.1
22	8.9	8.3	8.5	---	---	---	7.9	6.7	7.3	6.9	5.8	6.3
23	9.0	8.4	8.6	---	---	---	8.0	6.8	7.4	7.0	5.9	6.5
24	9.1	8.5	8.8	---	---	---	7.9	7.2	7.6	7.1	6.3	6.7
25	9.0	8.6	8.8	---	---	---	7.6	6.5	7.1	7.0	6.2	6.7
26	9.0	8.6	8.8	9.0	8.2	8.6	6.7	5.9	6.1	7.0	6.0	6.6
27	8.9	8.5	8.8	9.0	8.2	8.6	6.1	5.2	5.7	6.9	6.0	6.6
28	8.9	8.5	8.8	8.7	7.9	8.4	6.3	5.7	6.1	7.0	5.8	6.5
29	---	---	---	8.5	7.9	8.3	6.3	5.8	6.0	6.9	5.8	6.5
30	---	---	---	8.4	7.8	8.2	6.8	6.1	6.4	6.9	5.8	6.5
31	---	---	---	8.4	7.8	8.2	---	---	---	7.1	6.1	6.5
MONTH	9.1	7.8	8.4	9.1	7.8	8.5	8.7	5.2	7.3	8.1	5.6	6.7

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.0	5.6	6.5	6.2	5.1	5.7	6.3	3.6	5.2	5.8	3.6	4.5
2	7.3	5.4	6.4	6.4	4.8	5.8	6.1	4.4	5.2	---	---	---
3	7.7	5.1	6.3	6.3	5.0	5.8	6.6	4.5	5.4	---	---	---
4	7.0	5.6	6.3	6.4	4.5	5.7	6.2	4.5	5.3	4.6	3.4	4.1
5	6.8	5.5	6.1	6.9	4.8	5.8	6.1	4.1	5.1	4.2	3.4	3.9
6	6.7	5.2	5.9	6.4	4.9	5.8	6.1	4.4	5.1	3.9	3.4	3.8
7	6.5	5.0	5.7	6.6	5.1	5.8	5.5	4.4	4.9	4.1	3.4	3.7
8	6.3	4.6	5.5	6.4	5.0	5.8	4.9	4.2	4.6	4.4	4.0	4.2
9	5.7	4.7	5.2	6.4	4.9	5.7	5.0	3.8	4.5	---	---	---
10	5.1	4.3	4.8	6.2	4.7	5.6	4.8	3.9	4.5	5.7	4.3	5.0
11	4.8	4.0	4.5	6.0	4.3	5.3	5.1	3.9	4.5	5.6	4.9	5.3
12	4.9	4.1	4.6	5.5	4.2	5.1	4.9	3.8	4.5	---	---	---
13	4.8	4.1	4.5	5.2	4.1	4.8	5.0	3.7	4.6	---	---	---
14	4.9	3.8	4.5	5.4	3.7	4.7	5.5	4.6	5.0	---	---	---
15	4.9	3.9	4.3	5.4	3.9	4.7	5.4	4.5	5.0	---	---	---
16	4.7	3.9	4.4	5.3	3.7	4.6	5.1	3.9	4.4	---	---	---
17	5.3	3.9	4.6	5.5	3.5	4.7	4.2	3.5	3.8	---	---	---
18	5.4	4.5	4.9	5.9	3.9	4.7	4.0	3.4	3.7	---	---	---
19	5.5	4.6	5.1	5.6	4.0	4.8	4.0	3.4	3.7	---	---	---
20	5.7	4.8	5.2	6.2	4.1	5.1	4.2	3.6	3.9	---	---	---
21	5.7	4.7	5.3	6.6	4.4	5.3	4.5	3.7	4.0	---	---	---
22	6.2	4.7	5.3	6.3	3.7	5.0	4.5	3.9	4.2	---	---	---
23	6.1	4.8	5.3	6.2	3.7	4.9	---	---	---	5.5	4.6	5.2
24	5.9	4.7	5.2	6.4	3.6	5.0	---	---	---	5.5	4.8	5.2
25	5.9	4.4	5.3	5.9	4.0	5.1	5.0	3.8	4.3	5.4	4.5	5.1
26	5.9	4.4	5.2	6.1	3.9	5.0	5.1	3.8	4.4	5.2	4.5	4.9
27	6.1	4.6	5.4	6.1	3.9	5.2	5.1	3.8	4.3	5.2	4.7	4.9
28	6.1	5.0	5.5	6.2	3.7	5.0	4.6	3.5	4.1	5.1	4.4	4.9
29	6.1	5.1	5.7	6.2	3.7	4.9	4.7	3.6	4.2	5.2	4.5	4.9
30	6.4	5.3	5.8	6.2	4.0	5.2	5.4	3.7	4.7	5.8	4.8	5.2
31	---	---	---	6.2	4.0	5.1	5.4	3.6	4.5	---	---	---
MONTH	7.7	3.8	5.3	6.9	3.5	5.2	6.6	3.4	4.5	5.8	3.4	4.7
YEAR	12.0	3.4	7.0									

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC

LOCATION.--Lat 32°51'32'', long 79°53'47'', Charleston County, Hydrologic Unit 03050201, on downstream side of bridge on Interstate 526, 4.0 mi north of Mount Pleasant, and at mile 2.3.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--July 1992 to September 1996, April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 23.06 ft, Dec. 31, 1994; minimum gage height, 12.09 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.78 ft, May 16; minimum gage height, 13.13 ft, Apr. 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.91	15.07	18.30	21.46	14.32	18.39	20.70	13.27	17.30	21.73	13.72	18.23
2	21.72	15.49	18.70	21.62	14.32	18.41	21.17	13.25	17.58	22.64	14.26	19.03
3	21.78	14.85	18.64	22.05	14.24	18.42	21.47	13.36	17.60	22.22	13.92	18.15
4	21.72	14.43	18.37	21.90	13.61	18.12	21.21	13.19	17.33	21.00	13.63	17.24
5	21.82	14.23	18.41	22.37	13.85	18.54	21.21	13.30	17.39	20.73	13.63	17.32
6	22.15	14.30	18.67	22.40	14.48	18.37	21.02	13.84	17.38	---	---	---
7	22.31	14.52	18.55	21.66	14.14	17.85	20.73	14.11	17.33	20.17	14.69	17.39
8	21.93	14.15	18.10	21.31	14.39	17.80	20.27	14.25	17.17	20.22	15.30	17.69
9	21.39	13.99	17.84	20.84	14.55	17.73	19.52	14.20	17.03	20.10	15.43	17.83
10	21.38	14.32	17.88	20.78	15.02	17.91	20.06	15.47	17.73	19.96	15.94	17.85
11	21.19	14.67	17.98	20.13	14.47	17.48	19.99	15.53	17.92	20.27	15.34	17.67
12	21.04	15.08	18.10	20.14	15.15	17.62	20.32	15.64	18.17	19.85	14.97	17.47
13	21.12	15.44	18.40	20.48	15.59	18.11	20.32	14.50	17.71	20.06	14.97	17.53
14	20.92	15.52	18.46	20.61	15.19	18.08	20.00	15.54	17.96	20.25	14.86	17.58
15	20.98	15.54	18.44	20.37	14.76	17.74	20.76	15.62	18.29	20.39	14.62	17.45
16	21.10	15.43	18.59	20.43	14.81	17.84	20.23	15.00	17.82	20.72	14.59	17.89
17	21.05	15.43	18.53	20.44	14.76	17.66	20.26	14.71	17.39	20.91	14.85	18.03
18	20.93	15.29	18.32	20.72	14.49	18.04	20.82	14.32	17.75	20.94	14.33	17.76
19	20.57	14.90	17.98	21.09	15.11	18.08	21.20	14.70	17.96	20.57	13.96	17.41
20	20.57	14.71	17.79	20.70	14.72	17.74	20.66	14.17	17.59	20.76	14.32	17.65
21	20.72	14.86	18.00	20.16	14.67	17.49	20.64	14.26	17.54	20.85	14.50	17.70
22	20.34	15.10	17.90	20.54	15.08	17.79	20.53	14.07	17.40	20.65	14.57	17.79
23	21.08	15.52	18.27	20.59	14.77	17.65	21.01	14.99	17.81	20.74	14.94	17.89
24	20.81	15.39	18.12	20.11	14.78	17.30	20.63	14.61	17.65	20.65	14.45	17.73
25	20.46	15.59	17.85	20.52	15.31	17.78	20.45	14.93	17.72	20.15	14.42	17.60
26	20.22	15.73	17.82	19.98	14.67	17.36	20.68	15.02	18.13	---	---	---
27	20.49	15.73	17.87	19.99	14.58	17.25	20.80	14.55	18.03	21.08	14.22	17.92
28	20.67	15.81	18.12	20.03	14.45	17.46	21.09	14.24	17.98	20.83	13.77	17.55
29	20.56	15.24	17.92	20.25	13.94	17.51	21.33	14.05	18.05	20.94	13.87	17.83
30	20.78	14.91	18.13	20.51	13.50	17.47	21.29	13.92	17.77	21.74	14.29	18.55
31	21.17	14.62	18.16	---	---	---	21.70	13.91	18.18	22.09	15.11	18.95
MONTH	22.31	13.99	18.20	22.40	13.50	17.83	21.70	13.19	17.70	22.64	13.63	17.82

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.31	15.35	19.09	20.65	13.88	17.70	20.41	14.21	17.55	22.03	15.93	19.13
2	21.73	14.73	18.37	---	---	---	20.63	14.13	17.53	21.63	16.02	18.94
3	21.05	14.40	17.91	---	---	---	20.72	14.65	17.77	21.16	15.79	18.49
4	20.66	14.48	17.73	---	---	---	20.30	15.11	17.81	21.07	15.68	18.32
5	20.52	15.48	17.89	---	---	---	21.32	14.77	18.00	20.87	15.80	18.34
6	20.29	15.71	18.07	---	---	---	21.32	15.97	18.49	20.87	15.86	18.12
7	19.99	15.84	17.85	---	---	---	20.37	15.49	17.70	20.85	15.25	17.77
8	19.74	15.82	17.67	---	---	---	19.92	15.35	17.56	20.28	15.33	17.57
9	20.39	16.32	18.33	20.27	16.18	18.09	20.15	15.68	17.80	19.94	15.12	17.66
10	20.40	16.13	18.18	19.76	16.01	17.90	19.91	15.32	17.93	20.27	14.86	17.84
11	20.68	15.73	18.27	20.28	16.07	18.20	21.11	15.45	18.65	20.93	15.11	18.29
12	20.44	14.08	17.81	20.30	15.68	18.09	20.85	14.69	18.16	21.36	14.72	18.49
13	20.02	14.29	17.49	20.42	15.93	18.30	21.53	15.01	18.74	21.71	14.08	18.31
14	---	---	---	21.46	14.62	18.92	21.72	14.57	18.51	22.34	13.92	18.41
15	---	---	---	20.43	14.14	17.63	22.29	14.37	18.67	22.64	14.27	18.65
16	21.06	14.45	18.00	21.11	14.53	18.17	21.42	13.23	17.53	22.78	14.58	18.79
17	21.15	14.35	17.96	21.06	14.03	17.86	21.40	13.25	17.43	22.70	14.68	18.73
18	21.29	14.42	18.04	20.94	13.48	17.56	21.09	13.13	17.23	22.22	14.76	18.62
19	21.80	15.18	18.54	21.49	13.48	17.78	20.87	13.45	17.20	21.82	14.67	18.22
20	21.53	15.33	18.55	21.56	13.86	17.80	20.63	13.64	17.03	21.59	14.97	18.20
21	21.53	15.24	18.45	20.96	13.71	17.78	20.51	14.12	17.31	21.25	15.00	18.06
22	21.31	15.49	18.41	20.63	13.91	17.25	20.84	14.45	17.45	20.86	15.05	17.95
23	21.36	15.49	18.48	20.67	14.17	17.28	20.46	14.44	17.36	20.45	14.95	17.86
24	21.32	15.18	18.42	20.50	14.38	17.29	20.49	14.36	17.76	20.25	14.87	17.75
25	21.37	14.80	18.38	20.26	14.28	17.41	20.89	15.53	18.55	20.61	14.95	17.83
26	20.95	15.15	18.42	20.89	15.42	18.22	20.77	15.13	18.26	20.66	15.03	17.97
27	21.30	14.82	18.37	20.82	14.75	18.02	20.91	15.08	18.23	20.99	14.99	18.08
28	21.10	14.60	17.89	20.67	14.30	17.83	21.06	15.55	18.54	20.94	15.03	18.06
29	---	---	---	20.61	14.27	17.80	21.53	15.58	18.66	20.83	14.86	17.87
30	---	---	---	21.07	14.40	18.05	21.94	15.78	19.04	20.92	14.85	17.81
31	---	---	---	21.09	14.85	18.14	---	---	---	20.93	15.09	17.95
MONTH	22.31	14.08	18.18	21.56	13.48	17.88	22.29	13.13	17.95	22.78	13.92	18.20

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.85	15.17	17.92	20.72	14.61	17.60	20.99	14.87	18.08	22.04	15.57	19.06
2	20.66	15.14	17.79	20.95	15.18	17.94	21.16	14.74	18.21	22.23	16.03	19.26
3	20.05	14.91	17.41	20.82	14.79	17.84	21.47	15.13	18.67	22.77	16.26	19.61
4	20.61	14.62	17.58	20.80	14.76	17.83	21.68	15.45	18.74	22.20	15.92	19.24
5	20.61	15.54	18.19	---	---	---	21.52	14.94	18.47	21.60	15.26	18.64
6	20.81	15.16	17.98	20.40	14.32	17.65	21.61	14.66	18.36	21.59	14.71	18.41
7	20.53	15.10	18.01	---	---	---	21.59	14.52	18.31	21.83	14.58	18.46
8	20.76	14.83	18.02	20.82	13.85	17.56	21.71	14.15	18.15	21.76	14.56	18.49
9	20.78	14.21	17.77	21.15	13.61	17.61	21.84	13.78	17.98	21.85	14.85	18.53
10	21.19	14.04	17.88	21.38	13.30	17.63	22.51	14.51	18.71	21.63	14.87	18.45
11	22.42	14.48	18.63	21.77	13.32	17.66	22.04	14.42	18.56	21.63	15.11	18.64
12	22.65	14.47	18.88	22.46	14.19	18.50	21.94	14.51	18.35	21.56	15.62	18.81
13	22.67	14.17	18.66	22.24	14.20	18.48	21.56	14.73	18.33	21.33	15.85	18.74
14	22.27	13.94	18.34	22.23	14.31	18.40	21.10	14.84	18.25	21.36	16.18	18.77
15	21.96	14.02	18.06	21.93	14.67	18.31	20.89	14.63	18.17	---	---	---
16	21.76	14.32	18.03	21.34	14.75	18.19	20.60	14.83	17.93	---	---	---
17	21.67	14.52	18.07	21.07	14.75	17.98	20.41	15.19	18.00	---	---	---
18	21.73	15.30	18.65	20.77	14.69	17.75	20.25	15.44	17.89	---	---	---
19	21.88	15.87	18.80	20.22	14.83	17.54	20.17	15.19	17.61	---	---	---
20	21.19	15.36	18.25	19.74	14.68	17.31	20.11	15.16	17.76	---	---	---
21	20.52	15.42	18.13	20.15	14.95	17.61	20.30	15.35	17.72	---	---	---
22	20.72	15.64	18.32	20.44	15.44	18.00	21.19	15.63	18.24	---	---	---
23	21.11	15.88	18.54	20.49	15.39	17.92	21.46	15.89	18.70	---	---	---
24	21.03	15.74	18.45	20.60	15.09	17.84	21.37	15.51	18.52	---	---	---
25	20.85	15.35	18.21	20.76	15.16	17.91	21.33	14.84	18.29	---	---	---
26	20.74	15.04	17.95	20.80	14.97	17.79	21.24	14.70	18.06	---	---	---
27	20.70	14.91	17.80	21.29	14.92	18.02	21.26	14.46	18.02	---	---	---
28	20.58	14.59	17.48	21.35	15.08	18.26	21.75	14.49	18.28	---	---	---
29	20.65	14.35	17.37	21.21	14.86	18.16	21.78	15.05	18.83	---	---	---
30	20.78	14.72	17.70	21.32	14.69	18.11	21.50	15.22	18.82	---	---	---
31	---	---	---	21.22	14.80	18.06	21.75	15.36	18.79	---	---	---
MONTH	22.67	13.94	18.10	22.46	13.30	17.91	22.51	13.78	18.28	22.77	14.56	18.79
YEAR	22.78	13.13	18.04									

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to current year.

WATER TEMPERATURE: April 1997 to current year.

DISSOLVED OXYGEN: April 1997 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 43,300 microsiemens, Nov. 6, 1999; minimum, 15,000 microsiemens, Feb. 21, 1998.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 1999; minimum, 9.0°C, Jan. 2, 1998, Jan. 7, 1999.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Jan. 2, 1998; minimum, 3.4 mg/L, Jul. 14, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 43,300 microsiemens, Nov. 6; minimum, 26,000 microsiemens, Feb. 3.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1; minimum, 9.0°C, Jan. 7, 8.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Mar. 12; minimum, 3.4 mg/L, Jul. 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	37400	28600	33800	39500	34300	36700	39000	36200	37100	---	---	---
2	37900	31400	34100	40800	33200	37100	40500	36000	37100	---	---	---
3	38600	31200	35200	41000	31800	36500	41400	35800	37200	---	---	---
4	39100	31400	34700	40700	33300	36300	40200	35200	36300	---	---	---
5	39600	31200	34800	42900	33500	37100	39300	33600	35400	---	---	---
6	41700	31300	35700	43300	33400	37300	38300	33800	34900	---	---	---
7	41300	31400	35300	40500	33100	36200	36500	33700	34500	34900	31500	32600
8	38800	31200	34100	38800	32400	35500	36300	32800	34100	35100	31800	33000
9	36000	31000	32900	37900	31800	34900	34800	32800	33700	35800	31900	33600
10	35900	31400	32400	38800	32400	35000	---	---	---	38800	33000	34800
11	35600	29900	32300	36900	32300	34700	---	---	---	40500	33900	35800
12	36400	31300	32700	37400	31800	34400	39100	36200	37300	38800	34600	35900
13	36300	30900	33200	38800	31600	34900	39900	35800	37200	38100	34900	36000
14	36400	31100	33600	38200	32300	35100	38900	36500	37500	37700	35000	36100
15	35500	31100	33500	36800	33200	35400	40600	36800	38400	37900	34800	36300
16	36100	31900	33700	37700	32900	35700	40100	35700	37600	38500	35000	36600
17	35400	31800	33500	38900	35300	36900	39500	36500	37300	38900	35300	36900
18	35800	31300	33300	39900	36900	38400	39700	37300	38000	39500	35300	36700
19	34900	31900	32900	41200	37500	38900	40700	37500	38700	38000	35100	36100
20	33600	30600	32500	41100	37500	38400	40500	37400	38600	38000	34900	36000
21	35800	31600	33100	39600	37200	38100	41100	37400	38700	37900	35100	35800
22	36300	31600	33800	40600	37200	38500	40400	37200	38400	38000	35100	35800
23	37300	32800	34900	40900	37700	38700	40700	37700	39200	37800	34600	35700
24	37000	32900	35100	40500	37600	38400	40400	37600	38600	37300	32500	34500
25	38200	33500	35400	40900	37500	38800	40500	38300	39100	34400	30900	32900
26	37900	34300	35800	40400	37400	38500	---	---	---	34500	30100	32300
27	38100	34800	36200	39600	37200	38100	---	---	---	35600	30400	32300
28	39300	32600	36200	39900	36100	37800	---	---	---	33300	30100	31200
29	38400	32800	35900	39100	35800	37300	---	---	---	32900	29600	30700
30	38100	32500	36100	39200	36400	37200	39200	35400	36500	35700	29900	31500
31	37900	33900	36300	---	---	---	39400	35700	36900	36800	29500	32100
MONTH	41700	28600	34300	43300	31600	36900	41400	32800	37100	40500	29500	34400

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	36400	29500	32100	36100	33100	33900	36200	32500	34400	39400	33600	36300
2	33100	28400	30100	39000	33500	35200	35800	31500	33600	38500	31600	35600
3	30400	26000	28400	39500	34400	35700	35600	30400	32900	35900	29100	34000
4	29300	26500	27700	36200	32000	34200	34300	32000	32700	35100	32000	33500
5	30800	26800	27900	36500	32100	34000	37200	30900	32400	35100	31200	32700
6	31700	27000	28700	35400	32800	33900	37400	32500	33800	34400	30300	32500
7	32200	27800	29000	35500	33200	34000	37400	31700	33400	35000	29300	31400
8	32900	27800	29100	37100	33800	35000	35500	31000	32700	33400	28300	30400
9	35600	28600	31600	38200	33600	35500	36800	28100	31900	35400	29200	31200
10	37400	30000	33100	39600	34500	36100	35200	29000	31800	36700	30500	32100
11	37700	30900	33800	42300	35300	37500	36700	30200	32600	37000	31100	32700
12	36800	30600	33200	41800	35700	38000	35200	29100	32100	36300	31800	33600
13	34000	31000	32800	41600	36400	38100	36200	29700	33000	36900	31900	33400
14	35400	31300	33500	41300	35600	38800	39600	30400	34300	38500	31500	33700
15	36300	31700	33600	39000	35200	37100	39700	33500	36000	40400	32000	34500
16	35600	32000	33400	38800	35400	36900	38000	32600	34500	41000	32000	35000
17	35800	32100	33300	39300	35400	36700	37700	31900	34200	40500	32300	35000
18	36400	32000	33600	38800	35000	36300	37600	32100	33800	40200	32500	34800
19	38500	32300	34300	40000	34600	36100	36900	32500	33500	39600	32800	34300
20	37700	32300	34600	39600	33800	35500	36900	32000	33200	38200	32900	34000
21	38200	32700	34800	39000	33600	35300	35400	31500	32900	37200	32700	34000
22	37200	33100	34900	36500	33600	34600	37500	32000	33200	36200	32700	33700
23	37400	33600	35100	36500	31700	34400	36100	31700	32800	34800	32100	33000
24	37200	33400	34900	35500	31900	33900	35500	31300	32700	34500	30200	32200
25	37100	33100	34300	35300	31900	33600	38900	32900	35000	36400	31200	32800
26	35700	33500	34200	35900	32900	34000	39100	33100	35500	36200	31600	33200
27	36500	33600	34300	37400	33600	34700	38200	33300	35400	37500	31600	33200
28	36300	33400	34000	37200	33500	34600	38500	33700	35900	36500	32000	33500
29	---	---	---	37400	34100	35100	39200	33000	36000	36400	31900	33500
30	---	---	---	38200	34200	35300	39600	34400	36600	36300	32200	33100
31	---	---	---	38300	34400	35600	---	---	---	36800	32200	33200
MONTH	38500	26000	32500	42300	31700	35500	39700	28100	33800	41000	28300	33400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	34800	31800	32700	37600	33300	34200	39400	34800	36300	43100	35900	38700
2	---	---	---	37200	32800	34300	39500	34800	36500	42100	36000	38300
3	---	---	---	37000	32600	34100	40000	35000	37000	41900	35800	37900
4	37200	32400	33400	37000	33100	34200	39400	34400	37000	40600	35400	37400
5	37500	33100	34200	36300	32400	33800	40200	35700	37300	38700	35300	36700
6	37700	33500	34700	34700	32500	33500	39600	34400	36700	37500	33900	35800
7	37000	34000	35000	35900	32400	33600	39800	34800	36500	38900	33300	35600
8	37600	34000	35300	36500	31200	33100	39900	34300	36200	39000	34000	35600
9	37300	34300	35100	37300	31900	33300	38900	33500	35400	38100	33300	35100
10	37800	34000	35000	37200	31500	33500	41200	33200	35900	35400	31900	33700
11	41300	34200	36100	38500	31800	33700	40000	32800	35500	34400	31200	32300
12	43100	34800	37400	40700	32700	34800	38300	32600	34500	33300	31100	31700
13	43200	34800	37600	39800	32300	34700	36900	32300	33800	33800	31100	31900
14	41500	34900	37000	39300	31300	33800	36100	32200	33200	33900	31100	32000
15	40000	34300	36100	37200	30000	32400	34200	32000	32700	---	---	---
16	38800	33600	35000	---	---	---	34900	31900	32700	---	---	---
17	38800	33000	34300	---	---	---	35900	31900	33400	---	---	---
18	38900	33200	35500	---	---	---	35700	31600	32800	---	---	---
19	40800	34400	36500	---	---	---	33100	30600	31500	---	---	---
20	39000	34100	35500	---	---	---	35100	31200	32400	---	---	---
21	39600	33600	35200	37100	29300	32200	36300	31300	32600	---	---	---
22	39800	34800	36300	39300	31700	34100	38900	31800	34500	---	---	---
23	39700	34500	36700	40800	31300	35000	39200	33500	35900	---	---	---
24	39000	34300	36500	40400	32800	35400	42200	34500	38100	---	---	---
25	39200	35000	36700	38700	31400	34600	41800	36600	38900	---	---	---
26	38000	35100	36200	39000	32000	34900	40700	36500	38300	---	---	---
27	37100	34400	35600	42100	32900	35800	40600	36200	37800	---	---	---
28	37400	34000	35000	41600	32800	36400	42000	36700	38000	---	---	---
29	36600	32000	34400	41200	33400	36500	42800	36800	38700	---	---	---
30	38000	32000	34500	40400	34000	36200	42600	36100	38800	---	---	---
31	---	---	---	40200	34100	36200	42600	36200	38700	---	---	---
MONTH	43200	31800	35500	42100	29300	34400	42800	30600	35700	43100	31100	35200
YEAR	43300	26000	34900									

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	27.0	27.0	21.5	21.0	21.0	18.5	18.0	18.5	---	---	---
2	27.5	26.5	27.0	21.5	21.0	21.5	18.5	18.0	18.5	---	---	---
3	26.5	26.0	26.5	21.5	21.0	21.5	19.0	18.5	18.5	---	---	---
4	26.5	26.0	26.0	21.5	21.0	21.0	19.0	18.5	18.5	---	---	---
5	26.5	26.0	26.0	21.0	19.0	20.0	19.5	18.5	19.0	---	---	---
6	26.0	26.0	26.0	19.5	18.0	19.0	20.0	19.0	19.0	---	---	---
7	26.0	25.5	25.5	19.0	17.5	18.0	20.0	19.0	19.5	9.5	9.0	9.5
8	26.0	25.5	26.0	18.5	17.0	18.0	20.5	19.5	19.5	10.0	9.0	9.5
9	26.0	25.5	26.0	18.5	17.5	18.0	20.0	19.5	20.0	10.5	9.5	10.0
10	26.0	25.5	25.5	19.0	18.0	18.0	---	---	---	10.5	9.5	10.0
11	26.0	25.0	25.5	19.5	18.5	19.0	---	---	---	10.0	9.5	10.0
12	25.5	25.0	25.5	19.0	18.5	19.0	18.5	17.5	18.0	10.0	9.5	10.0
13	25.5	25.0	25.0	19.0	18.0	18.5	18.0	17.0	17.5	10.5	10.0	10.0
14	25.5	25.0	25.0	18.5	18.0	18.0	17.5	16.5	17.0	10.5	10.0	10.5
15	25.0	24.5	25.0	18.5	18.0	18.0	16.5	14.5	16.0	11.0	10.5	11.0
16	24.5	24.0	24.5	18.5	18.0	18.5	15.5	14.0	15.0	11.0	11.0	11.0
17	24.0	23.5	24.0	19.0	18.5	18.5	---	---	---	11.5	11.0	11.0
18	24.0	23.5	23.5	19.0	18.5	18.5	---	---	---	12.0	11.5	12.0
19	24.0	23.5	24.0	18.5	18.5	18.5	---	---	---	12.5	11.5	12.0
20	24.0	23.5	24.0	19.0	18.5	18.5	---	---	---	12.5	12.0	12.0
21	24.0	23.5	23.5	19.0	18.0	18.5	---	---	---	13.5	12.0	12.5
22	23.5	22.5	23.0	18.5	18.0	18.0	---	---	---	14.0	12.5	13.0
23	22.5	21.0	21.5	18.5	18.0	18.0	---	---	---	15.0	13.0	14.0
24	21.5	20.5	21.0	19.0	18.0	18.5	---	---	---	16.0	13.5	15.0
25	21.5	20.5	21.0	19.0	18.5	18.5	---	---	---	16.0	14.0	15.0
26	21.5	20.5	21.0	19.0	18.5	18.5	---	---	---	15.5	14.5	14.5
27	21.5	20.5	21.0	18.5	18.5	18.5	---	---	---	15.5	14.0	15.0
28	21.5	20.5	21.0	18.5	18.0	18.5	---	---	---	16.0	14.5	15.0
29	21.0	20.5	21.0	18.5	18.0	18.0	---	---	---	16.0	14.5	15.0
30	21.5	20.5	21.0	18.5	18.0	18.0	---	---	---	16.0	14.5	15.0
31	21.5	21.0	21.0	---	---	---	---	---	---	15.0	13.5	14.5
MONTH	27.5	20.5	24.0	21.5	17.0	18.8	20.5	14.0	18.2	16.0	9.0	12.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	13.0	13.5	12.5	12.0	12.5	17.0	16.0	16.5	19.0	17.5	18.0
2	14.0	13.5	13.5	13.0	12.0	12.5	18.5	16.5	17.0	18.0	16.5	17.5
3	14.5	13.5	14.0	13.5	12.5	13.0	19.0	17.0	17.5	18.5	17.0	17.5
4	15.0	14.0	14.0	13.0	12.5	12.5	19.5	17.5	18.0	19.5	18.0	18.5
5	15.0	14.0	14.5	12.5	12.0	12.5	19.5	18.0	19.0	20.0	18.0	19.0
6	15.0	14.0	14.5	13.5	12.5	12.5	19.5	18.0	18.5	21.0	18.5	19.5
7	15.0	14.0	14.5	13.5	13.0	13.0	20.0	18.5	19.0	21.5	19.0	20.0
8	16.0	14.5	15.0	13.0	12.5	12.5	21.0	18.5	19.5	22.0	19.5	21.0
9	16.0	14.5	15.0	13.0	12.0	12.5	20.5	19.0	20.0	22.5	20.0	21.0
10	16.0	15.0	15.5	13.0	12.0	12.5	21.0	19.5	20.0	22.5	20.5	21.5
11	16.5	15.0	15.5	13.0	12.0	12.5	21.5	19.5	20.5	22.5	21.0	21.5
12	17.0	15.5	16.0	12.5	12.0	12.5	21.5	20.0	20.5	22.5	21.0	21.5
13	17.0	15.0	15.5	12.5	12.0	12.5	21.5	19.5	20.0	22.5	21.5	22.0
14	15.5	14.0	14.5	13.0	12.5	12.5	21.0	19.5	20.0	23.5	22.0	22.5
15	14.0	13.5	14.0	13.0	12.5	12.5	20.5	20.0	20.0	23.0	22.0	22.0
16	14.0	13.5	14.0	12.5	12.0	12.5	20.5	20.0	20.0	22.5	21.5	22.0
17	14.5	13.5	14.0	13.5	12.5	13.0	20.0	19.0	19.5	22.5	22.0	22.0
18	15.0	14.5	14.5	14.5	13.0	13.5	19.5	18.5	19.0	23.5	22.0	22.5
19	15.0	14.5	15.0	15.0	13.5	14.0	19.5	18.5	19.0	23.5	22.5	22.5
20	15.0	14.5	14.5	15.5	14.0	14.5	20.0	18.5	19.0	24.0	22.5	23.0
21	14.5	14.0	14.5	16.0	14.5	15.0	20.5	19.0	19.5	24.5	23.0	23.5
22	14.0	13.0	13.5	16.0	14.5	15.5	21.0	19.5	20.0	24.5	23.0	24.0
23	13.5	12.0	12.5	16.5	14.5	15.5	22.0	20.0	20.5	25.0	23.5	24.0
24	12.5	11.0	12.0	17.0	15.0	16.0	21.5	20.5	21.0	24.5	23.5	24.0
25	12.0	11.0	11.5	17.5	15.5	16.5	21.0	20.5	20.5	25.0	24.0	24.5
26	12.0	11.5	11.5	17.0	16.0	16.0	21.5	20.5	20.5	25.5	24.0	24.5
27	12.0	11.5	12.0	16.0	15.5	15.5	22.5	20.5	21.0	25.0	24.5	25.0
28	12.5	12.0	12.0	16.0	15.0	15.5	22.0	21.0	21.5	26.0	24.5	25.0
29	---	---	---	16.0	15.5	15.5	21.5	20.0	21.0	26.0	25.0	25.5
30	---	---	---	16.0	15.5	16.0	20.0	19.0	19.5	26.0	25.0	25.5
31	---	---	---	16.0	15.5	16.0	---	---	---	26.0	25.0	25.5
MONTH	17.0	11.0	14.0	17.5	12.0	13.8	22.5	16.0	19.6	26.0	16.5	22.1

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.5	25.5	26.0	26.0	26.0	33.0	30.5	31.5	27.5	27.0	27.5
2	26.5	25.5	26.0	27.0	26.0	26.5	32.5	31.0	31.5	27.5	27.0	27.0
3	27.0	26.0	26.0	27.5	26.5	27.0	32.0	30.5	31.5	27.0	26.5	27.0
4	27.0	26.0	26.5	28.5	27.0	27.5	31.5	30.5	31.0	27.5	26.5	27.0
5	27.0	26.0	26.5	29.0	27.5	28.0	31.5	30.5	31.0	27.0	27.0	27.0
6	27.5	26.5	26.5	29.0	28.0	28.5	31.5	30.5	31.0	27.5	27.0	27.0
7	28.0	26.5	27.0	29.0	28.0	28.0	31.5	30.5	31.0	28.0	27.0	27.5
8	28.0	27.0	27.5	29.0	28.0	28.5	32.0	30.5	31.0	28.0	27.5	28.0
9	28.5	27.0	27.5	29.5	28.5	29.0	31.0	30.5	30.5	28.5	27.5	28.0
10	28.5	27.5	27.5	29.5	28.5	29.0	30.5	30.0	30.5	28.5	27.5	28.0
11	28.0	27.0	27.5	29.5	28.5	29.0	31.0	30.5	30.5	28.0	27.5	28.0
12	27.5	27.0	27.0	29.0	28.5	29.0	31.5	30.5	31.0	28.0	27.5	27.5
13	27.5	27.0	27.0	29.0	28.5	28.5	31.5	30.5	31.0	27.5	26.5	27.0
14	28.0	27.0	27.5	29.0	28.0	28.5	31.5	30.5	31.0	27.0	26.5	27.0
15	28.5	27.0	27.5	29.5	28.0	28.5	31.5	30.5	31.0	---	---	---
16	28.5	27.5	27.5	---	---	---	31.5	31.0	31.0	---	---	---
17	28.5	27.5	28.0	---	---	---	32.0	30.5	31.5	---	---	---
18	28.0	27.0	27.5	---	---	---	32.0	31.0	31.5	---	---	---
19	27.0	26.0	26.5	---	---	---	31.5	30.5	31.0	---	---	---
20	26.0	25.5	26.0	---	---	---	31.0	30.5	31.0	---	---	---
21	26.0	25.5	25.5	30.5	29.0	29.5	31.0	30.5	30.5	---	---	---
22	26.0	25.5	25.5	30.0	29.0	29.5	31.0	30.0	30.5	---	---	---
23	26.0	25.5	25.5	30.5	29.0	30.0	30.5	30.0	30.0	---	---	---
24	26.5	25.5	26.0	31.0	29.5	30.0	30.0	29.5	30.0	---	---	---
25	26.5	26.0	26.0	31.0	29.5	30.0	30.0	29.5	29.5	---	---	---
26	27.0	26.0	26.5	31.0	29.5	30.0	30.0	29.5	30.0	---	---	---
27	27.0	26.5	26.5	31.0	29.5	30.5	30.0	29.5	29.5	---	---	---
28	27.0	26.5	26.5	31.5	30.0	30.5	30.0	29.5	30.0	---	---	---
29	26.5	26.0	26.5	31.5	30.0	30.5	30.0	29.0	29.5	---	---	---
30	26.5	26.0	26.0	32.0	30.0	31.0	29.0	28.0	28.5	---	---	---
31	---	---	---	32.5	30.5	31.0	28.0	27.5	27.5	---	---	---
MONTH	28.5	25.5	26.6	32.5	26.0	29.0	33.0	27.5	30.5	28.5	26.5	27.4
YEAR	33.0	9.0	21.3									

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.2	5.6	5.9	9.2	8.1	8.5	8.3	7.6	7.8	---	---	---
2	6.6	5.7	6.1	8.5	7.8	8.1	8.0	7.4	7.7	---	---	---
3	6.6	5.9	6.1	8.0	7.6	7.8	7.9	7.3	7.6	---	---	---
4	6.4	5.7	6.0	7.9	7.4	7.6	7.6	7.1	7.3	---	---	---
5	6.6	5.5	6.0	8.3	7.5	7.9	7.5	6.8	7.2	---	---	---
6	6.9	5.8	6.3	8.3	7.9	8.1	7.2	6.6	7.0	---	---	---
7	6.7	6.1	6.4	8.6	8.0	8.3	7.2	6.5	6.9	9.0	8.3	8.6
8	6.8	5.7	6.2	8.7	8.2	8.5	7.3	6.5	7.1	8.8	8.3	8.6
9	6.6	5.9	6.2	8.5	8.2	8.4	7.5	6.5	7.1	8.8	8.3	8.6
10	6.6	5.9	6.2	8.4	8.1	8.2	---	---	---	9.0	8.3	8.6
11	6.7	6.1	6.3	8.2	8.0	8.1	---	---	---	9.1	8.2	8.8
12	6.8	6.2	6.4	8.1	7.7	7.9	7.7	6.5	7.3	9.3	8.4	8.9
13	6.9	6.1	6.5	8.0	7.8	7.9	7.8	6.8	7.4	9.4	8.4	8.9
14	7.1	6.3	6.6	7.9	7.6	7.7	8.0	7.0	7.6	9.4	8.4	8.9
15	6.9	6.1	6.6	7.8	7.5	7.7	8.7	7.3	8.1	9.5	8.4	8.9
16	7.1	6.5	6.7	7.7	7.5	7.6	9.1	8.2	8.6	9.5	8.4	8.9
17	7.1	6.6	6.8	7.8	7.6	7.7	---	---	---	9.5	8.5	8.9
18	7.1	6.7	6.9	7.6	6.9	7.3	---	---	---	9.2	8.4	8.8
19	7.2	6.4	6.9	7.3	6.9	7.1	---	---	---	9.2	8.4	8.7
20	7.3	5.2	6.6	7.3	6.9	7.1	---	---	---	9.3	8.4	8.8
21	6.8	5.7	6.3	7.7	7.1	7.3	---	---	---	9.2	8.4	8.8
22	7.8	6.2	6.8	7.5	7.1	7.3	---	---	---	9.1	8.3	8.7
23	7.9	6.9	7.4	7.5	7.1	7.3	---	---	---	8.8	8.3	8.6
24	8.9	6.8	7.8	7.7	7.1	7.4	---	---	---	8.5	8.1	8.4
25	9.1	7.2	8.2	7.6	7.1	7.4	---	---	---	8.5	8.0	8.2
26	8.6	6.4	7.8	7.8	7.1	7.4	---	---	---	8.3	7.8	8.1
27	---	---	---	7.8	7.2	7.6	---	---	---	8.1	7.6	7.8
28	---	---	---	7.8	7.0	7.5	---	---	---	8.0	7.3	7.6
29	---	---	---	7.8	7.1	7.5	---	---	---	7.5	7.1	7.3
30	---	---	---	8.4	7.1	7.5	---	---	---	7.2	6.8	7.0
31	---	---	---	---	---	---	---	---	---	7.1	6.7	7.0
MONTH	9.1	5.2	6.6	9.2	6.9	7.7	9.1	6.5	7.5	9.5	6.7	8.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.1	6.8	7.0	8.9	8.5	8.7	7.4	7.1	7.2	7.2	6.4	6.8
2	7.0	6.6	6.8	9.2	8.8	9.0	8.0	7.1	7.5	7.5	6.5	7.1
3	6.8	6.6	6.7	9.0	8.7	8.8	7.8	7.2	7.5	7.6	6.8	7.2
4	6.8	6.5	6.6	9.4	8.6	9.0	8.2	7.1	7.4	7.8	6.6	7.1
5	6.7	6.4	6.6	9.6	8.8	9.1	7.7	7.1	7.4	7.6	6.4	7.0
6	6.6	6.3	6.5	9.7	9.0	9.2	7.6	7.0	7.3	7.6	6.4	7.0
7	6.6	6.3	6.5	9.7	9.1	9.4	7.6	6.8	7.2	7.5	6.6	7.0
8	6.6	6.2	6.4	9.9	9.1	9.5	7.7	6.7	7.2	7.5	6.3	7.0
9	6.3	5.8	6.1	9.8	9.2	9.5	7.4	6.5	7.0	7.5	6.4	6.9
10	6.0	5.7	5.9	10.2	9.3	9.6	7.4	6.4	6.9	7.3	6.1	6.7
11	6.0	5.5	5.8	10.3	9.3	9.8	7.0	6.3	6.8	6.9	6.1	6.6
12	6.2	5.7	6.0	10.4	9.2	9.9	7.0	6.4	6.7	6.7	6.1	6.4
13	6.5	6.1	6.3	10.2	9.4	9.9	6.8	6.4	6.6	6.3	5.8	6.1
14	6.7	6.3	6.5	10.1	9.5	9.7	7.0	6.2	6.6	6.2	5.6	5.9
15	6.9	6.4	6.7	9.7	9.2	9.4	6.7	6.4	6.6	6.2	5.4	5.9
16	7.2	6.8	6.9	9.6	9.2	9.3	6.8	6.0	6.5	6.2	5.6	6.0
17	7.2	6.9	7.1	9.5	9.1	9.3	6.7	6.3	6.6	6.1	5.6	5.9
18	7.2	6.9	7.1	9.5	9.0	9.2	7.3	6.4	6.7	5.9	5.3	5.7
19	7.3	6.9	7.1	9.2	8.8	9.0	7.5	6.5	6.8	5.7	5.1	5.5
20	7.6	7.1	7.3	9.1	8.4	8.8	7.8	6.4	7.0	5.8	4.9	5.4
21	7.9	7.3	7.7	8.6	8.1	8.4	8.0	6.6	7.3	5.8	5.0	5.4
22	8.3	7.6	8.0	8.3	7.9	8.1	8.1	6.7	7.4	6.1	5.1	5.6
23	8.4	7.9	8.2	8.1	7.5	7.9	7.9	6.4	7.2	6.3	5.4	5.8
24	8.8	8.0	8.4	7.9	7.3	7.6	7.6	5.9	6.7	6.2	5.4	5.9
25	8.8	8.3	8.6	7.5	7.0	7.3	6.8	5.5	6.3	6.5	5.3	6.0
26	8.9	8.3	8.7	7.3	6.7	7.0	6.4	5.4	6.0	6.5	5.1	5.8
27	8.9	8.5	8.7	7.0	6.8	6.9	6.8	5.1	5.9	6.2	5.2	5.7
28	8.8	8.4	8.6	7.1	6.7	6.9	6.6	5.1	5.9	6.3	5.1	5.7
29	---	---	---	7.2	6.8	7.0	6.6	5.6	6.0	6.4	4.7	5.6
30	---	---	---	7.3	6.9	7.1	6.6	5.8	6.2	6.5	4.9	5.7
31	---	---	---	7.4	7.1	7.2	---	---	---	6.8	4.6	5.7
MONTH	8.9	5.5	7.1	10.4	6.7	8.6	8.2	5.1	6.8	7.8	4.6	6.2

021720698 WANDO RIVER ABOVE MOUNT PLEASANT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.4	4.4	5.4	5.6	4.7	5.3	---	---	---	---	---	---
2	6.8	4.7	5.6	5.6	4.7	5.3	---	---	---	---	---	---
3	6.8	4.6	5.7	5.8	4.7	5.4	---	---	---	---	---	---
4	6.3	4.4	5.5	5.9	4.9	5.5	---	---	---	---	---	---
5	5.8	4.4	5.3	6.1	5.2	5.6	6.3	4.5	5.3	---	---	---
6	5.9	4.7	5.3	5.8	5.1	5.5	6.9	4.7	5.4	7.5	6.4	7.1
7	6.1	4.4	5.3	6.5	5.0	5.6	5.9	4.8	5.2	7.0	6.1	6.6
8	6.2	4.7	5.5	6.2	4.3	5.6	5.9	4.6	5.3	6.3	5.2	5.9
9	6.0	4.5	5.4	6.1	4.6	5.5	---	---	---	6.0	5.2	5.8
10	5.8	4.7	5.3	6.1	4.4	5.3	---	---	---	5.9	5.4	5.6
11	5.4	4.5	5.0	5.5	4.0	4.9	---	---	---	6.1	5.4	5.6
12	5.2	4.5	4.9	5.2	4.3	4.8	---	---	---	5.9	5.1	5.5
13	5.3	4.5	4.8	4.9	3.8	4.5	---	---	---	5.8	5.0	5.5
14	5.5	4.2	4.8	5.0	3.4	4.4	---	---	---	5.7	5.0	5.5
15	5.5	4.4	4.9	5.2	3.8	4.6	---	---	---	---	---	---
16	5.2	4.2	4.7	---	---	---	---	---	---	---	---	---
17	5.3	4.3	4.8	---	---	---	---	---	---	---	---	---
18	5.8	4.5	5.1	---	---	---	---	---	---	---	---	---
19	5.8	4.7	5.4	---	---	---	---	---	---	---	---	---
20	5.7	4.8	5.3	---	---	---	---	---	---	---	---	---
21	5.8	4.7	5.3	6.4	4.5	5.4	---	---	---	---	---	---
22	5.8	4.6	5.3	6.4	4.3	5.1	---	---	---	---	---	---
23	6.4	4.8	5.5	6.3	4.0	5.0	---	---	---	---	---	---
24	6.4	5.0	5.8	6.0	4.0	4.9	---	---	---	---	---	---
25	6.2	5.1	5.8	6.0	3.9	4.8	5.6	4.5	5.0	---	---	---
26	6.4	5.0	5.7	6.2	3.9	4.8	5.5	4.2	5.1	---	---	---
27	6.1	4.8	5.5	5.7	3.8	4.8	5.4	4.6	5.1	---	---	---
28	5.8	5.0	5.4	5.5	3.7	4.6	5.7	4.6	5.1	---	---	---
29	5.8	4.6	5.3	---	---	---	6.2	5.3	5.7	---	---	---
30	5.6	4.6	5.2	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	6.8	4.2	5.3	6.5	3.4	5.1	6.9	4.2	5.2	7.5	5.0	5.9
YEAR	10.4	3.4	6.8									

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC

LOCATION.--Lat 32°48'11'', long 79°54'55'', Charleston County, Hydrologic Unit 03050201, on U.S. Highway 17 bridge, 1.7 mi north of Customs House Wharf.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 10 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.84 ft, May 16, 1999; minimum gage height, 0.99 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.84 ft, May 16; minimum gage height, 1.48 ft, Dec. 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.90	3.40	6.40	9.49	2.76	6.51	8.97	1.54	5.61	---	---	---
2	9.63	3.84	6.76	9.67	2.80	6.56	9.44	1.54	5.88	---	---	---
3	9.69	3.13	6.68	10.13	2.66	6.54	9.76	1.65	5.88	---	---	---
4	9.62	2.80	6.41	9.99	2.05	6.27	---	---	---	---	---	---
5	9.76	2.59	6.45	10.44	2.35	6.71	---	---	---	---	---	---
6	10.10	2.70	6.72	10.47	2.94	6.52	9.30	2.14	5.64	---	---	---
7	10.23	2.79	6.60	9.69	2.60	6.02	8.99	2.39	5.59	---	---	---
8	9.84	2.51	6.15	9.36	2.77	5.96	8.55	2.55	5.42	8.22	3.63	5.88
9	9.36	2.18	5.90	8.90	2.88	5.91	---	---	---	8.23	3.72	6.00
10	9.28	2.62	5.95	8.87	3.40	6.09	---	---	---	8.03	4.20	6.04
11	9.10	2.96	6.06	8.19	2.85	5.67	---	---	---	8.30	3.60	5.82
12	8.99	3.38	6.19	8.23	3.54	5.84	---	---	---	7.89	3.24	5.62
13	9.03	3.76	6.47	8.63	3.95	6.30	---	---	---	8.19	3.14	5.69
14	8.87	3.85	6.52	8.71	3.56	6.27	---	---	---	8.37	3.06	5.73
15	8.94	3.85	6.52	8.53	3.13	5.94	---	---	---	8.57	2.89	5.65
16	9.05	3.81	6.65	8.53	3.19	6.02	---	---	---	8.92	2.84	6.11
17	9.03	3.71	6.59	8.53	3.15	5.85	---	---	---	9.12	3.13	6.25
18	8.88	3.61	6.37	8.84	2.86	6.23	---	---	---	9.19	2.54	5.92
19	8.55	3.17	6.06	9.18	3.51	6.26	---	---	---	8.76	2.22	5.63
20	8.54	2.98	5.86	8.87	3.05	5.94	---	---	---	8.97	2.58	5.84
21	8.71	3.18	6.08	8.25	3.03	5.71	---	---	---	9.01	2.76	5.92
22	8.35	3.40	6.01	8.66	3.48	6.01	---	---	---	8.84	2.83	5.96
23	9.04	3.84	6.35	8.70	3.15	5.84	---	---	---	8.92	3.28	6.07
24	8.78	3.74	6.21	8.24	3.14	5.52	---	---	---	8.80	2.61	5.93
25	8.51	3.73	6.00	8.60	3.70	5.99	---	---	---	8.36	2.64	5.79
26	---	---	---	8.10	3.07	5.56	---	---	---	8.66	3.36	6.18
27	---	---	---	8.05	2.98	5.46	---	---	---	9.23	2.41	6.05
28	8.78	4.14	6.33	8.28	2.77	5.71	---	---	---	8.99	1.96	5.66
29	8.66	3.68	6.11	8.58	2.25	5.76	---	---	---	9.07	2.20	6.01
30	8.86	3.34	6.30	8.82	1.81	5.70	---	---	---	9.93	2.57	6.69
31	9.25	3.08	6.32	---	---	---	---	---	---	10.30	3.28	7.14
MONTH	10.23	2.18	6.31	10.47	1.81	6.02	9.76	1.54	5.67	10.30	1.96	5.98

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.54	3.64	7.25	9.01	2.23	6.00	8.59	2.63	5.78	10.21	4.34	7.38
2	9.94	2.97	6.52	9.48	2.78	6.48	8.80	2.58	5.77	9.79	4.41	7.18
3	9.21	2.64	6.06	9.66	3.18	6.10	8.91	3.06	6.02	9.36	4.18	6.75
4	8.89	2.66	5.88	8.49	1.80	5.42	8.50	3.53	6.04	9.16	4.11	6.55
5	8.72	3.64	6.13	8.55	2.93	5.94	9.52	3.12	6.23	8.91	4.19	6.48
6	8.45	3.85	6.23	8.35	3.31	5.86	9.45	4.35	6.73	8.82	3.95	6.14
7	8.12	4.02	6.04	7.97	3.10	5.56	8.57	3.75	5.93	8.86	3.60	5.87
8	7.80	3.96	5.81	8.36	4.17	6.13	8.09	3.68	5.81	8.39	3.61	5.72
9	8.55	4.64	6.56	8.50	4.50	6.36	8.35	4.03	6.03	8.09	3.43	5.81
10	8.60	4.34	6.41	7.96	4.36	6.19	8.02	3.64	6.16	8.33	3.16	5.99
11	8.87	3.92	6.47	8.52	4.52	6.49	9.28	3.84	6.86	8.99	3.43	6.44
12	8.62	2.23	5.99	8.54	4.06	6.38	8.94	3.19	6.38	9.48	3.09	6.60
13	8.35	2.46	5.63	8.67	4.37	6.58	9.71	3.41	6.94	9.77	2.44	6.41
14	8.99	2.91	6.23	9.61	3.02	7.10	9.91	3.05	6.72	10.40	2.31	6.51
15	9.21	2.86	6.20	8.58	2.65	5.86	10.32	2.92	6.81	10.76	2.68	6.80
16	9.20	2.62	6.14	9.25	2.97	6.38	9.46	1.67	5.69	10.84	2.97	6.92
17	9.32	2.52	6.11	9.30	2.48	6.08	9.44	1.66	5.59	10.78	3.04	6.86
18	9.52	2.62	6.30	9.06	1.95	5.77	9.23	1.54	5.42	10.38	3.12	6.78
19	10.07	3.38	6.75	9.65	1.97	6.01	9.01	1.87	5.39	9.77	3.06	6.42
20	9.79	3.66	6.80	9.71	2.39	6.03	8.57	2.00	5.20	9.74	3.43	6.43
21	9.76	3.56	6.71	9.10	2.16	5.95	8.77	2.42	5.48	9.45	3.28	6.31
22	9.65	3.80	6.68	8.86	2.37	5.48	8.96	2.88	5.63	9.05	3.48	6.20
23	9.59	3.80	6.73	8.86	2.58	5.53	8.55	2.81	5.53	8.61	3.40	6.09
24	9.64	3.48	6.69	8.73	2.81	5.52	8.61	2.66	5.93	8.34	3.28	5.95
25	9.62	3.08	6.61	8.41	2.73	5.62	9.07	3.93	6.75	8.75	3.36	6.04
26	9.20	3.44	6.66	9.08	3.81	6.46	8.92	3.32	6.45	8.80	3.37	6.15
27	9.59	3.07	6.61	9.04	3.14	6.27	8.98	3.47	6.39	9.13	3.38	6.31
28	9.37	2.56	6.12	8.85	2.73	6.05	9.26	3.90	6.77	9.10	3.42	6.28
29	---	---	---	8.83	2.73	6.04	9.72	3.96	6.90	8.93	3.24	6.07
30	---	---	---	9.19	2.86	6.28	10.13	4.22	7.30	9.02	3.26	6.04
31	---	---	---	9.22	3.31	6.35	---	---	---	9.02	3.49	6.16
MONTH	10.54	2.23	6.37	9.71	1.80	6.07	10.32	1.54	6.15	10.84	2.31	6.38

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.02	3.58	6.15	8.67	2.91	5.71	9.03	3.32	6.24	10.06	3.95	7.22
2	8.77	3.56	6.03	8.88	3.50	6.05	9.23	3.18	6.37	---	---	---
3	8.16	3.33	5.65	8.80	3.12	5.95	9.54	3.51	6.84	---	---	---
4	8.76	3.04	5.80	8.74	3.11	5.94	9.75	3.86	6.90	---	---	---
5	8.86	3.93	6.42	8.55	2.92	5.76	9.53	3.36	6.62	---	---	---
6	8.98	3.57	6.18	8.43	2.61	5.77	9.59	3.08	6.51	---	---	---
7	8.62	3.52	6.20	8.64	2.71	5.76	9.61	2.96	6.45	---	---	---
8	8.79	3.25	6.20	8.86	2.25	5.73	9.73	2.55	6.27	---	---	---
9	8.88	2.65	5.95	9.15	2.01	5.75	9.87	2.24	6.11	---	---	---
10	9.21	2.46	6.03	9.38	1.86	5.75	10.54	2.95	6.84	---	---	---
11	10.44	2.91	6.76	9.75	1.75	5.79	10.05	2.85	6.68	---	---	---
12	10.62	2.93	6.99	10.44	2.66	6.62	9.94	2.98	6.49	---	---	---
13	10.64	2.63	6.79	10.25	2.67	6.61	9.59	3.14	6.48	---	---	---
14	10.27	2.36	6.47	10.20	2.71	6.53	9.13	3.25	6.40	---	---	---
15	9.96	2.43	6.20	9.92	3.08	6.45	8.95	3.09	6.34	10.51	4.42	7.26
16	9.76	2.72	6.19	9.38	3.18	6.33	8.51	3.27	6.11	8.20	3.26	6.02
17	9.69	2.96	6.24	8.89	3.20	6.14	8.49	3.59	6.20	8.78	4.22	6.35
18	9.86	3.77	6.84	8.80	3.09	5.93	8.35	3.82	6.08	8.68	4.59	6.52
19	9.92	4.28	6.98	8.28	3.20	5.73	8.22	3.48	5.82	8.75	4.45	6.53
20	9.25	3.77	6.44	7.80	3.05	5.51	8.16	3.45	5.96	9.22	4.54	6.70
21	8.58	3.78	6.30	8.21	3.25	5.79	8.36	3.63	5.93	9.76	4.81	7.16
22	8.74	3.91	6.44	8.47	3.80	6.19	9.23	3.97	6.43	9.95	4.43	7.23
23	9.05	4.16	6.64	8.53	3.72	6.09	9.53	4.25	6.90	10.24	4.36	7.33
24	9.01	4.04	6.56	8.64	3.47	6.00	9.40	3.82	6.69	10.08	4.01	7.22
25	8.85	3.67	6.31	8.79	3.47	6.08	9.36	3.31	6.45	9.87	3.49	6.90
26	8.71	3.33	6.06	8.82	3.29	5.96	9.25	3.11	6.22	9.66	3.10	6.62
27	8.68	3.24	5.91	9.30	3.32	6.19	9.29	2.89	6.18	10.03	3.10	6.72
28	8.57	2.89	5.60	9.33	3.47	6.42	9.78	2.94	6.43	10.02	3.29	6.79
29	8.65	2.61	5.48	9.21	3.00	6.32	9.81	3.53	7.01	---	---	---
30	8.79	3.08	5.82	9.33	3.11	6.27	9.57	3.68	6.99	---	---	---
31	---	---	---	9.21	3.23	6.22	9.77	3.82	6.96	---	---	---
MONTH	10.64	2.36	6.25	10.44	1.75	6.04	10.54	2.24	6.45	10.51	3.10	6.84
YEAR	10.84	1.54	6.23									

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to current year.

WATER TEMPERATURE: April 1997 to current year.

DISSOLVED OXYGEN: April 1997 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 50,700 microsiemens, Jun. 11, 1999; minimum, 12,000 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE: Maximum, 31.5°C on several days during August; minimum, 9.0°C, Jan. 7, 1999.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Dec. 17, 1998; minimum, 3.3 mg/L, Jul. 26, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 50,700 microsiemens, Jun. 11; minimum, 23,400 microsiemens, Feb. 5.

WATER TEMPERATURE: Maximum, 31.5°C on several days during August; minimum, 9.0°C, Jan. 7.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Jan. 12; minimum, 3.3 mg/L, Jul. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	42600	33700	37500	45500	35600	40000	44800	35300	39800	46600	32400	38700
2	46500	34000	38900	46500	35800	40700	47300	35000	40100	---	---	---
3	45800	34000	39700	47400	31000	39200	47200	35000	40200	---	---	---
4	46000	35400	39700	46900	32000	39600	47600	33800	39500	---	---	---
5	47000	33100	39900	48600	34200	41600	47200	31200	38800	---	---	---
6	47100	34600	41300	49100	35500	41400	46500	33200	38700	---	---	---
7	48300	34200	40500	48200	32200	39700	43800	32400	37700	41800	29100	36500
8	46900	32200	38000	45900	30700	38200	42600	31600	37000	41200	29500	36800
9	44600	29800	36600	43800	29200	37300	40300	29900	35400	40800	32500	37200
10	43200	28600	36200	43200	30200	37900	40900	28600	36200	42400	33000	37600
11	42300	28100	36100	41100	29200	36700	41600	30600	37200	44400	33400	39300
12	41600	29600	36300	41600	28200	36100	41000	31200	38100	42800	31900	38600
13	41800	31800	37000	43000	31600	36700	41300	33300	37700	42400	33600	38700
14	41000	33400	37300	42700	31200	36500	42100	34800	38500	42500	33600	39000
15	40300	32800	36700	41800	32600	37200	---	---	---	42600	35500	38600
16	40900	31900	36600	42400	33700	37700	---	---	---	44000	34300	39300
17	40400	32800	36800	42500	33900	38500	---	---	---	44200	35400	39600
18	40200	32500	36600	44300	35000	40500	44500	33900	39300	43800	36100	39000
19	39100	30800	35700	46200	37000	41300	45000	35200	40300	42400	33500	37900
20	39700	29900	35300	45300	34200	40100	44700	36500	40400	43600	32300	37400
21	39900	30000	36000	43300	33200	38400	44000	36700	40200	42500	32100	36900
22	39800	32400	36300	43800	31900	38700	43800	36800	39800	41200	32500	36600
23	42900	32000	37800	44600	33700	39400	45300	33500	40100	40200	32700	36100
24	42900	32200	38000	43600	32800	39000	43700	34800	39600	40400	27600	33900
25	41900	31600	37900	45500	33300	40200	44100	34100	39600	37400	25300	32400
26	---	---	---	42800	34700	39400	43200	34100	39300	37100	25800	32600
27	---	---	---	43100	33200	38700	43400	34100	39000	39400	27900	32600
28	43300	31800	38500	43100	32700	38900	43200	34800	38900	38500	27300	31900
29	42600	34200	38700	43600	35000	38800	45000	34600	39100	39800	25700	32500
30	42700	35900	39200	43800	34600	39100	44700	33800	38100	42800	26700	34800
31	43800	35100	39100	---	---	---	45300	33200	38300	43000	29200	36100
MONTH	48300	28100	37700	49100	28200	38900	47600	28600	38800	46600	25300	36600

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	41700	30000	35700	38800	29300	33500	39400	30700	35200	46200	35100	40500
2	38900	28100	32700	39900	30000	34700	42400	27800	35300	44700	33200	38900
3	37400	25300	30500	39600	29800	33800	42300	29200	36100	42300	29500	36000
4	34300	24100	29300	36200	25300	31200	41100	29700	35700	39900	27700	34600
5	34800	23400	30100	36200	24900	31600	42900	27700	35000	42200	29200	35000
6	34400	25300	30900	35300	25900	30800	43200	29300	36600	42200	28300	35200
7	35000	25600	30300	33700	24600	29900	41400	30600	34900	42500	26300	33900
8	35200	24700	29700	36700	27000	32200	38200	28300	33600	39000	27400	33000
9	41300	28700	34200	39500	27600	34100	40500	28400	34200	41000	29400	35700
10	41800	30900	36400	39600	28100	34100	40200	29900	35900	42500	31200	37500
11	42600	31400	37600	42000	30200	36100	45400	31600	38500	43600	34000	38500
12	41000	33300	36900	41500	32200	37400	41300	33400	37000	45400	33500	39000
13	39900	32900	36200	40900	34300	38600	45400	34300	39300	46800	33200	38700
14	42400	31900	37800	43200	36500	39700	46000	35400	39900	48300	32600	39000
15	42100	33900	37800	40200	35400	37800	46800	35700	40500	48800	33400	40100
16	43200	33400	37600	42400	33900	38200	46400	33600	38700	49200	34400	40600
17	43800	32100	37400	43100	34100	38100	47500	32800	38300	48900	34600	40500
18	43900	32300	37700	42900	33000	37600	46900	32400	38100	48900	34100	40500
19	45900	33000	38800	44900	32700	37900	46200	32500	38100	48300	32400	39400
20	43600	33900	38600	45800	31900	37600	45700	31800	37200	46700	33800	39100
21	44100	33300	38400	43900	32500	37400	43600	31800	37400	45000	33800	38600
22	43600	33300	38000	42100	30800	35900	44800	31100	37300	43200	31700	37500
23	43200	30600	37700	42300	28400	35400	43300	30200	36900	41900	32100	36900
24	42000	29900	36800	39700	29300	34300	43900	30600	38000	42000	30800	36300
25	41300	32100	36300	39300	29900	34500	46600	34700	40900	43400	30200	37000
26	40500	31900	36000	42200	28300	35900	45000	36800	40000	43000	32600	37600
27	41800	31900	35900	41000	30600	35900	44600	36900	40000	44500	33900	38300
28	39600	30300	34100	40100	30600	35800	44400	37000	40400	44300	34300	39100
29	---	---	---	41100	32300	36500	45900	35100	40300	44600	33500	38600
30	---	---	---	42100	32700	37400	47200	35100	40600	45300	34200	39100
31	---	---	---	42900	33300	37800	---	---	---	45000	34600	39900
MONTH	45900	23400	35300	45800	24600	35500	47500	27700	37700	49200	26300	37900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	44800	36100	39800	44900	33700	39100	46000	36300	41100	49000	37500	42900
2	43600	35000	39100	44800	34700	39500	46000	36200	40900	---	---	---
3	42800	31500	37500	44100	33000	39000	46300	35600	41000	---	---	---
4	46400	32100	38600	43800	32600	38700	46700	36000	41200	---	---	---
5	46000	34400	39700	43200	32000	37700	46200	33200	39800	---	---	---
6	45900	33900	40300	42400	31100	36800	46600	32900	39200	---	---	---
7	45400	36600	40700	42600	31900	36800	46700	32400	38900	---	---	---
8	46200	36300	41000	43900	30400	37000	46300	31600	38500	---	---	---
9	46100	35500	40300	46100	30600	37600	48300	31600	38000	---	---	---
10	47700	34200	40800	47900	31800	38000	49400	33400	40100	---	---	---
11	50700	35700	42500	48800	31600	39000	48800	33800	40500	---	---	---
12	50500	36900	43600	50400	33000	40400	47700	32300	39400	---	---	---
13	50200	36400	43100	48700	34700	40600	45900	32500	38800	---	---	---
14	49000	34900	41600	49200	32800	40100	44800	32600	38000	---	---	---
15	47100	33400	40000	47900	32200	39500	42500	32400	37500	48700	35900	41400
16	46600	33900	39900	47000	31700	38700	43500	30600	36700	43200	35000	38300
17	47600	34900	40200	45100	32100	37700	41800	29000	36000	43500	30200	38200
18	48300	36100	41900	43600	31600	36600	40600	29800	35700	43400	32700	39000
19	47500	37200	41200	42200	29300	35400	40100	27700	33700	44000	34300	39700
20	44800	35400	39100	38800	27600	34000	39700	29300	34700	44700	35800	40700
21	45100	34000	39100	42100	27800	34500	42000	29900	35700	46900	36700	41700
22	45100	32700	40000	43000	29800	36300	44700	30800	37900	47100	38400	42500
23	45500	33900	40800	42500	30400	37100	46700	36300	40600	47600	39900	43300
24	45600	35100	40900	44000	30100	37700	47000	36400	41300	47300	38200	43100
25	44700	34800	40100	44000	32200	38500	46400	37700	41600	46600	38600	42700
26	44400	33100	39200	45300	32700	38700	46600	36100	40800	46500	37400	42000
27	43500	32900	38600	46300	34200	39300	48000	34400	40300	48000	36600	41700
28	43200	32800	37900	46200	35200	40200	48900	34900	40600	46000	36600	41000
29	44800	32800	37900	46900	35100	40400	49600	35900	42100	46300	36100	40100
30	45300	32800	39000	47700	36400	41300	48800	36500	42100	44300	32600	38500
31	---	---	---	47100	35100	41000	48600	37300	42400	---	---	---
MONTH	50700	31500	40100	50400	27600	38300	49600	27700	39200	49000	30200	41000
YEAR	50700	23400	38000									

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	26.5	27.0	21.5	21.0	21.0	18.5	18.0	18.5	11.0	11.0	11.0
2	27.0	26.5	26.5	21.5	21.0	21.5	19.0	18.5	18.5	---	---	---
3	26.5	26.0	26.0	21.5	21.0	21.5	19.0	18.5	18.5	---	---	---
4	26.5	26.0	26.0	21.5	21.0	21.0	19.0	18.5	18.5	---	---	---
5	26.0	25.5	26.0	21.0	19.5	20.0	19.0	18.5	19.0	---	---	---
6	26.0	25.5	26.0	19.5	18.5	19.0	19.5	18.5	19.0	---	---	---
7	26.0	25.0	25.5	18.5	17.5	18.0	19.5	19.0	19.0	9.5	9.0	9.5
8	26.0	25.0	25.5	18.0	17.0	17.5	19.5	19.0	19.5	10.0	9.5	9.5
9	26.0	25.5	25.5	18.0	17.5	17.5	19.5	19.0	19.5	10.5	9.5	10.0
10	25.5	25.0	25.5	18.5	17.5	18.0	19.5	18.5	19.0	10.5	9.5	10.0
11	25.5	25.0	25.0	19.0	18.0	18.5	19.0	18.0	18.5	10.0	9.5	10.0
12	25.5	25.0	25.0	18.5	18.0	18.5	18.0	17.5	17.5	10.5	9.5	10.0
13	25.0	24.5	25.0	18.5	18.0	18.0	17.5	17.0	17.5	10.5	10.0	10.0
14	25.0	24.5	25.0	18.0	18.0	18.0	17.5	16.5	17.0	11.0	10.0	10.5
15	25.0	24.0	24.5	18.5	18.0	18.0	---	---	---	11.5	10.5	11.0
16	24.5	24.0	24.5	18.5	18.0	18.0	---	---	---	11.5	10.5	11.0
17	24.5	23.5	24.0	19.0	18.0	18.5	---	---	---	11.5	11.0	11.5
18	24.0	23.5	24.0	18.5	18.0	18.5	14.5	13.5	14.0	12.0	11.5	12.0
19	24.5	23.5	24.0	18.5	18.5	18.5	14.0	13.5	13.5	12.0	11.5	12.0
20	24.5	24.0	24.0	19.0	18.5	18.5	14.0	13.5	14.0	12.5	11.5	12.0
21	24.0	23.5	24.0	18.5	18.0	18.5	14.5	14.0	14.0	12.5	12.0	12.5
22	23.5	22.0	23.0	18.5	17.5	18.0	15.0	14.5	14.5	13.5	12.5	13.0
23	22.5	21.0	21.5	18.0	17.5	18.0	15.0	14.5	14.5	14.0	13.0	13.5
24	21.5	20.5	21.0	18.5	18.0	18.0	14.5	13.5	14.0	14.5	13.5	14.0
25	21.5	20.5	21.0	18.5	18.0	18.0	13.5	12.5	13.5	14.5	14.0	14.0
26	---	---	---	18.5	18.0	18.5	12.5	11.5	12.0	14.5	14.0	14.5
27	---	---	---	18.5	18.0	18.0	12.0	11.0	11.5	15.0	14.0	14.5
28	21.0	20.5	20.5	18.0	17.5	18.0	11.5	11.0	11.5	15.0	14.5	14.5
29	21.0	20.5	20.5	18.5	18.0	18.0	11.5	11.0	11.5	15.0	14.5	15.0
30	21.5	20.5	21.0	18.5	18.0	18.0	11.5	11.0	11.5	15.0	14.5	14.5
31	21.5	20.5	21.0	---	---	---	11.5	10.5	11.0	14.5	13.0	14.0
MONTH	27.0	20.5	24.1	21.5	17.0	18.6	19.5	10.5	15.7	15.0	9.0	12.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	12.0	13.0	12.5	12.0	12.5	16.5	15.5	16.0	19.0	16.5	18.0
2	14.0	13.0	13.5	13.0	12.0	12.5	17.5	16.0	16.5	18.0	16.5	17.5
3	14.0	13.0	13.5	13.0	12.5	13.0	18.0	17.0	17.0	18.0	17.0	17.5
4	14.0	13.5	14.0	12.5	12.0	12.5	18.5	17.5	17.5	19.0	17.5	18.0
5	14.5	13.5	14.0	12.5	12.0	12.5	18.5	18.0	18.0	19.0	18.0	18.5
6	14.5	13.5	14.0	13.0	12.5	12.5	18.5	18.0	18.5	20.0	18.0	19.0
7	14.5	14.0	14.0	13.0	12.5	13.0	19.0	18.0	18.5	20.5	18.5	19.5
8	15.0	14.0	14.5	13.0	12.0	12.5	20.0	18.5	19.0	21.0	19.5	20.0
9	15.5	14.5	15.0	12.5	12.0	12.5	19.5	19.0	19.5	21.0	20.0	20.5
10	15.5	15.0	15.0	12.5	12.0	12.0	20.0	19.0	19.5	21.5	20.5	21.0
11	16.5	15.0	15.5	12.5	12.0	12.0	21.0	19.5	20.0	21.5	21.0	21.0
12	16.5	15.5	16.0	12.5	12.0	12.0	20.5	20.0	20.0	22.0	21.0	21.5
13	15.5	15.0	15.5	12.5	12.0	12.0	20.0	19.5	20.0	22.5	21.5	22.0
14	15.0	14.0	14.5	12.5	12.0	12.5	20.0	19.0	19.5	22.5	22.0	22.0
15	14.0	13.5	14.0	12.5	12.5	12.5	20.0	19.5	19.5	22.5	22.0	22.0
16	14.0	13.5	14.0	12.5	12.0	12.5	20.0	19.5	20.0	22.0	21.5	22.0
17	14.5	14.0	14.0	13.0	12.5	12.5	19.5	18.5	19.5	22.0	21.5	22.0
18	15.0	14.5	14.5	13.5	13.0	13.0	19.0	18.5	19.0	22.5	21.5	22.0
19	15.0	14.5	14.5	14.0	13.5	13.5	19.0	18.0	18.5	22.5	22.0	22.5
20	15.0	14.5	14.5	14.5	13.5	14.0	19.5	18.5	18.5	23.0	22.0	22.5
21	14.5	14.0	14.5	15.0	14.0	14.5	20.0	18.5	19.0	23.5	22.5	23.0
22	14.0	13.0	13.5	15.0	14.5	14.5	20.5	19.5	19.5	23.5	23.0	23.0
23	13.0	12.0	12.5	15.5	14.5	15.0	20.5	20.0	20.0	24.0	23.0	23.5
24	12.0	11.5	12.0	16.0	15.0	15.5	21.0	20.5	20.5	24.5	23.5	24.0
25	12.0	11.0	11.5	16.5	15.5	16.0	20.5	20.0	20.5	25.5	23.5	24.0
26	12.0	11.5	11.5	16.0	15.5	16.0	21.0	20.0	20.5	25.0	24.0	24.5
27	12.5	11.5	12.0	15.5	15.0	15.5	21.5	20.5	21.0	25.0	24.5	24.5
28	12.5	12.0	12.0	16.0	15.0	15.5	21.5	21.0	21.0	25.5	24.5	25.0
29	---	---	---	16.0	15.0	15.5	21.0	20.0	21.0	25.5	24.5	25.0
30	---	---	---	15.5	15.5	15.5	20.5	18.5	19.5	25.5	25.0	25.0
31	---	---	---	16.0	15.5	15.5	---	---	---	26.0	25.0	25.5
MONTH	16.5	11.0	13.8	16.5	12.0	13.6	21.5	15.5	19.2	26.0	16.5	21.8

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.0	25.5	26.0	26.0	26.0	31.5	30.0	31.0	27.5	26.5	27.0
2	26.0	25.5	25.5	26.5	26.0	26.0	31.5	30.5	31.0	---	---	---
3	26.5	25.5	26.0	27.0	26.5	26.5	31.0	29.5	30.5	---	---	---
4	26.5	25.5	26.0	27.5	26.5	27.0	31.0	29.5	30.0	---	---	---
5	26.5	26.0	26.0	28.0	27.0	27.5	31.0	30.0	30.5	---	---	---
6	26.5	26.0	26.5	28.0	27.5	28.0	31.0	30.0	30.5	---	---	---
7	27.5	26.5	26.5	28.5	27.5	28.0	31.0	30.5	30.5	---	---	---
8	27.5	26.5	27.0	29.0	28.0	28.5	31.5	30.5	31.0	---	---	---
9	28.0	27.0	27.0	29.0	28.0	28.5	31.0	30.0	30.5	---	---	---
10	27.5	27.0	27.5	29.5	28.5	29.0	30.5	30.0	30.5	---	---	---
11	27.5	27.0	27.0	29.0	28.5	29.0	31.0	30.0	30.5	---	---	---
12	27.0	26.5	27.0	29.0	28.5	28.5	31.0	30.5	30.5	---	---	---
13	27.5	26.5	27.0	28.5	28.0	28.5	31.0	30.5	31.0	---	---	---
14	27.5	27.0	27.0	28.5	28.0	28.5	31.0	30.5	31.0	---	---	---
15	27.5	27.0	27.0	28.5	28.0	28.5	31.0	30.5	31.0	26.5	25.5	26.0
16	27.5	27.0	27.5	28.5	28.5	28.5	31.0	30.5	31.0	25.5	24.5	25.0
17	27.5	27.5	27.5	28.5	28.5	28.5	31.5	30.5	31.0	25.0	24.0	24.5
18	27.5	26.5	27.0	29.0	28.5	28.5	31.5	30.5	31.0	24.5	24.0	24.5
19	26.5	25.5	26.5	29.0	28.5	29.0	31.5	30.5	31.0	24.5	24.0	24.0
20	26.0	25.5	25.5	29.5	28.5	29.0	31.0	30.0	30.5	24.0	23.5	24.0
21	25.5	25.5	25.5	29.5	29.0	29.0	31.0	30.0	30.5	24.0	23.5	24.0
22	26.0	25.0	25.5	30.0	29.0	29.5	30.5	30.0	30.0	24.0	23.0	23.5
23	26.0	25.0	25.5	30.5	29.0	29.5	30.5	29.5	30.0	23.5	22.5	23.0
24	27.0	25.5	26.0	30.5	29.5	30.0	30.0	29.0	29.5	23.0	22.5	22.5
25	26.5	26.0	26.0	30.0	29.5	29.5	30.0	29.0	29.5	23.0	22.5	22.5
26	27.0	26.0	26.0	30.5	29.5	30.0	30.0	29.5	29.5	23.5	23.0	23.0
27	27.0	26.0	26.5	30.5	29.5	30.0	30.0	29.5	29.5	23.5	23.5	23.5
28	26.5	26.0	26.5	30.5	29.5	30.0	30.0	29.5	29.5	24.0	23.5	23.5
29	26.5	26.0	26.0	30.5	29.5	30.0	29.5	28.5	29.5	24.0	24.0	24.0
30	26.5	26.0	26.0	31.0	29.5	30.0	28.5	28.0	28.5	24.5	24.0	24.0
31	---	---	---	31.0	30.0	30.5	28.0	27.0	27.5	---	---	---
MONTH	28.0	25.0	26.4	31.0	26.0	28.7	31.5	27.0	30.3	27.5	22.5	24.0
YEAR	31.5	9.0	20.8									

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.5	5.6	6.0	7.7	7.2	7.4	7.9	7.4	7.7	9.8	9.4	9.6
2	7.0	5.6	6.2	7.5	6.9	7.2	7.8	7.3	7.5	---	---	---
3	6.9	5.7	6.2	7.3	6.6	6.9	7.6	6.9	7.3	---	---	---
4	6.9	5.6	6.1	7.0	6.4	6.6	7.4	6.8	7.1	---	---	---
5	7.1	5.5	6.1	7.5	6.4	7.0	7.3	6.6	7.0	---	---	---
6	7.1	5.6	6.3	7.8	6.8	7.3	7.2	6.6	6.9	---	---	---
7	6.9	5.6	6.2	8.2	7.1	7.5	7.1	6.4	6.9	10.6	10.1	10.3
8	6.8	5.5	6.0	8.1	7.3	7.6	7.3	6.8	7.1	10.5	10.2	10.4
9	6.3	5.3	5.7	8.1	7.5	7.7	7.6	6.8	7.3	10.5	10.2	10.3
10	6.5	5.3	5.7	8.2	7.5	7.8	8.0	7.1	7.5	10.6	10.3	10.4
11	6.4	5.3	5.8	8.4	7.7	8.0	8.0	7.3	7.6	10.6	10.2	10.4
12	6.6	5.4	5.9	8.5	7.8	8.1	8.4	7.4	7.9	10.8	10.3	10.5
13	6.8	5.6	6.1	8.5	7.8	8.1	8.3	7.4	7.9	10.7	10.3	10.4
14	6.8	5.7	6.3	8.2	7.8	8.0	8.4	7.6	8.0	10.4	10.1	10.3
15	6.8	5.8	6.2	8.0	7.6	7.8	---	---	---	10.4	10.1	10.2
16	6.9	5.8	6.3	8.1	7.6	7.8	---	---	---	10.3	9.9	10.1
17	6.9	5.9	6.4	8.2	7.6	7.8	---	---	---	10.1	9.9	10.0
18	7.1	6.0	6.5	8.2	7.7	7.9	9.0	8.5	8.8	10.0	9.6	9.8
19	7.1	6.2	6.6	8.2	7.7	7.9	9.2	8.6	8.9	9.8	9.6	9.7
20	6.9	6.2	6.5	8.0	7.7	7.8	9.0	8.6	8.8	9.7	9.4	9.6
21	6.8	6.2	6.5	8.1	7.5	7.9	8.9	8.5	8.7	9.7	9.3	9.5
22	7.3	6.3	6.8	8.3	7.7	8.0	8.9	8.4	8.7	9.6	9.4	9.5
23	7.7	6.8	7.2	8.5	7.9	8.2	9.1	8.6	8.8	9.7	9.3	9.4
24	7.8	7.0	7.5	8.4	7.9	8.1	9.1	8.7	8.9	9.5	9.0	9.2
25	8.0	7.2	7.7	8.5	7.8	8.1	9.4	8.8	9.0	9.4	8.9	9.1
26	---	---	---	8.3	7.8	8.0	9.6	9.2	9.4	9.4	8.8	9.0
27	---	---	---	8.5	7.8	8.0	9.8	9.3	9.5	9.2	8.5	8.9
28	8.3	7.5	7.9	8.4	7.5	7.9	9.7	9.3	9.5	9.2	8.4	8.8
29	8.3	7.5	7.9	8.5	7.7	8.0	9.8	9.3	9.5	8.9	8.4	8.7
30	8.2	7.4	7.8	8.1	7.6	7.8	9.6	9.3	9.5	8.9	8.4	8.7
31	8.0	7.3	7.6	---	---	---	9.8	9.3	9.6	9.3	8.4	8.8
MONTH	8.3	5.3	6.6	8.5	6.4	7.7	9.8	6.4	8.3	10.8	8.4	9.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.8	8.8	9.3	8.9	8.4	8.7	8.0	7.8	7.9	---	---	---
2	9.4	8.5	9.0	8.7	8.3	8.6	8.1	7.7	7.9	---	---	---
3	9.1	8.6	8.9	8.5	8.1	8.4	8.0	7.6	7.7	---	---	---
4	9.0	8.4	8.8	8.6	8.2	8.4	7.8	7.4	7.6	---	---	---
5	9.0	8.5	8.8	8.6	8.1	8.4	7.8	7.3	7.5	---	---	---
6	9.1	8.6	8.9	8.6	8.0	8.3	7.7	7.3	7.5	7.3	6.0	6.7
7	9.1	8.5	8.9	8.6	8.0	8.4	7.9	7.2	7.4	7.3	6.0	6.7
8	9.1	8.7	8.9	9.1	8.2	8.6	7.6	7.0	7.3	7.3	6.3	6.8
9	9.0	8.5	8.8	8.9	8.5	8.8	7.4	6.8	7.1	6.8	6.3	6.6
10	9.0	8.5	8.7	9.0	8.5	8.8	7.2	6.6	7.0	6.8	6.2	6.5
11	8.7	8.3	8.5	9.1	8.4	8.7	7.2	6.5	6.9	6.7	6.2	6.4
12	8.6	8.2	8.4	8.9	8.3	8.7	7.0	6.6	6.8	6.5	6.0	6.3
13	8.7	8.2	8.4	8.9	8.4	8.7	7.0	6.5	6.8	6.4	5.8	6.0
14	9.0	8.4	8.7	8.8	8.4	8.6	7.1	6.5	6.7	6.6	5.7	5.9
15	8.9	8.5	8.7	8.6	8.3	8.5	6.8	6.5	6.6	6.4	5.6	5.9
16	8.8	8.5	8.6	8.6	8.3	8.5	6.8	6.4	6.5	6.6	5.6	5.9
17	8.8	8.4	8.6	8.7	8.3	8.5	6.9	6.4	6.5	6.3	5.7	5.9
18	8.6	8.2	8.4	8.7	8.4	8.5	7.1	6.4	6.6	6.3	5.5	5.7
19	8.5	8.1	8.3	8.7	8.2	8.4	7.1	6.4	6.7	6.2	5.4	5.6
20	8.4	8.1	8.3	8.6	8.1	8.4	7.2	6.6	6.8	6.0	5.2	5.6
21	8.4	8.0	8.2	8.5	8.2	8.4	7.3	6.7	6.9	6.0	5.3	5.6
22	8.8	8.2	8.5	8.6	8.2	8.4	7.3	6.7	6.9	6.0	5.3	5.6
23	9.1	8.4	8.7	8.5	8.2	8.4	7.2	6.7	6.9	6.0	5.1	5.5
24	9.2	8.6	8.9	8.8	8.2	8.4	6.9	6.5	6.7	5.8	4.9	5.3
25	9.3	8.8	9.0	8.6	8.2	8.4	6.8	6.3	6.5	5.9	4.9	5.2
26	9.3	8.8	9.1	8.3	8.0	8.1	6.6	6.1	6.3	5.9	4.9	5.2
27	9.2	8.7	9.0	8.3	7.8	8.0	6.6	5.7	6.2	5.7	4.8	5.1
28	9.0	8.6	8.8	8.4	7.9	8.1	6.2	5.7	6.0	5.6	4.6	5.1
29	---	---	---	8.4	7.9	8.1	6.2	5.3	6.0	5.7	4.5	5.1
30	---	---	---	8.2	7.9	8.0	6.5	5.6	6.1	5.7	4.6	5.1
31	---	---	---	8.1	7.9	8.0	---	---	---	6.0	4.8	5.2
MONTH	9.8	8.0	8.7	9.1	7.8	8.4	8.1	5.3	6.9	7.3	4.5	5.8

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.1	4.8	5.4	---	---	---	5.6	4.5	5.0	6.3	5.1	5.7
2	6.3	4.9	5.5	---	---	---	5.8	4.6	5.2	---	---	---
3	6.0	4.9	5.5	---	---	---	6.1	4.9	5.4	---	---	---
4	6.4	5.0	5.4	---	---	---	6.1	5.2	5.6	---	---	---
5	6.2	5.0	5.5	---	---	---	6.3	4.5	5.5	---	---	---
6	6.1	5.1	5.5	---	---	---	6.5	4.6	5.7	---	---	---
7	6.5	4.9	5.6	---	---	---	6.4	5.0	5.7	---	---	---
8	6.6	5.2	5.7	6.1	5.1	5.5	6.4	5.0	5.5	---	---	---
9	6.5	5.2	5.6	6.2	5.1	5.6	6.3	4.7	5.4	---	---	---
10	5.3	4.4	5.0	6.0	5.1	5.5	6.3	4.8	5.3	---	---	---
11	4.9	4.0	4.4	5.6	4.9	5.3	6.2	4.6	5.3	---	---	---
12	5.2	3.9	4.4	5.5	4.6	4.9	6.0	4.4	5.2	---	---	---
13	5.1	3.8	4.4	5.1	4.1	4.5	6.1	4.6	5.2	---	---	---
14	5.0	3.9	4.4	5.7	4.1	4.6	6.1	4.5	5.4	---	---	---
15	4.8	4.0	4.4	5.6	4.3	4.7	6.1	4.8	5.5	6.1	4.9	5.4
16	5.2	4.1	4.4	5.4	4.2	4.7	6.1	4.6	5.5	6.1	5.4	5.8
17	5.3	4.3	4.8	5.1	4.2	4.7	6.3	4.7	5.5	6.5	5.6	5.9
18	5.7	4.5	5.1	5.2	4.3	4.8	6.7	5.0	5.8	6.2	5.4	5.7
19	5.9	5.1	5.5	5.5	4.5	4.9	7.7	5.3	6.2	6.1	5.1	5.5
20	6.1	5.3	5.6	6.0	4.5	5.2	7.6	5.7	6.4	6.0	5.3	5.6
21	6.3	5.3	5.7	6.1	4.6	5.3	7.5	5.4	6.2	6.3	5.2	5.7
22	6.5	5.2	5.6	6.5	4.6	5.2	7.2	5.3	6.1	6.5	5.5	6.0
23	6.8	5.5	5.9	6.5	4.4	4.9	6.9	5.2	5.9	6.5	5.6	6.0
24	7.5	5.7	6.1	5.9	4.2	5.0	6.4	5.0	5.8	6.4	5.4	6.0
25	7.5	5.8	6.3	5.5	3.9	4.8	6.1	4.8	5.4	6.4	5.4	5.9
26	6.9	5.8	6.2	4.7	3.3	3.9	5.8	4.8	5.3	6.2	5.3	5.7
27	6.8	5.7	6.1	5.1	3.6	4.3	5.6	4.4	5.2	6.2	5.2	5.6
28	6.4	5.7	5.9	5.4	3.7	4.4	5.7	4.6	5.1	5.9	4.9	5.4
29	---	---	---	5.4	3.9	4.6	5.6	4.6	5.1	5.6	4.8	5.1
30	---	---	---	5.6	4.2	4.7	5.9	5.1	5.5	5.5	4.8	5.1
31	---	---	---	5.6	4.3	4.9	5.9	5.0	5.6	---	---	---
MONTH	7.5	3.8	5.4	6.5	3.3	4.9	7.7	4.4	5.5	6.5	4.8	5.7
YEAR	10.8	3.3	7.0									

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

LOCATION.--Lat 32°46'50'', long 79°55'31'', Charleston County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House, and at mile 0.6.

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): October 1986 to current year.

SPECIFIC CONDUCTANCE (Bottom): October 1986 to current year.

WATER TEMPERATURE (Top): March 1993 to current year.

WATER TEMPERATURE (Bottom): March 1993 to September 1994 (discontinued).

DISSOLVED OXYGEN (Top): March 1993 to September 1995 (discontinued).

DISSOLVED OXYGEN (Bottom): March 1993 to September 1994 (discontinued).

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): Maximum, 55,900 microsiemens, Aug. 28, 1990; minimum, 6,520 microsiemens, Sep. 6, 1987.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sep. 7, 1987.

WATER TEMPERATURE (Top): Maximum, 32.0°C, Aug. 1, 1993, Aug. 1, 1999; minimum, 6.5°C, Jan. 20-24, 1994.

WATER TEMPERATURE (Bottom): Maximum, 30.0°C, Jul. 18, 19, 25, 1994; minimum, 5.5°C, Jan. 22, 23, 1994.

DISSOLVED OXYGEN (Top): Maximum, 15.3 mg/L, Feb. 10, 1994; minimum, 3.6 mg/L, Jun. 15, 1993.

DISSOLVED OXYGEN (Bottom): Maximum, 13.3 mg/L, Jan. 26, 1994; minimum, 4.0 mg/L, Jul. 22, Aug. 12, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 55,000 microsiemens, Jun. 12; minimum, 21,600 microsiemens, Jul. 21.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 53,700 microsiemens, Jun. 13; minimum, 24,500 microsiemens, Oct. 9.

WATER TEMPERATURE (Top): Maximum, 32.0°C, Aug. 1; minimum, 9.5°C, Jan. 6-8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	42100	31000	35600	48600	35500	41400	50800	37500	43300	49600	34900	42500
2	44200	30100	36000	50000	37100	42800	52200	37300	44400	50400	34600	43700
3	44700	33000	38100	50700	36800	43200	52900	38600	45300	49700	35700	42500
4	45200	32100	37800	50900	34000	42200	52600	38000	44300	47600	33000	40200
5	46400	30100	37800	51200	34600	43100	52500	36300	43800	46000	30100	38000
6	46800	32100	39300	52000	36300	43500	52300	37000	43700	45500	31200	36400
7	44400	32000	38600	50900	33900	40700	50700	36700	42700	41700	31100	35000
8	45300	31500	37700	48200	31100	39100	49000	36500	41500	41300	31600	35300
9	44600	29700	35100	45800	32100	38300	47200	33400	39200	42300	33000	36300
10	40600	27400	33500	45200	33700	38300	46300	34800	39400	41000	33300	36300
11	39200	27200	33100	42600	33000	37400	44400	33300	38700	44400	34700	38500
12	39700	27300	33400	41900	30900	36100	44600	34500	38000	43300	34400	38100
13	41400	30700	34700	44500	32300	37300	43700	34700	38200	43900	33800	38300
14	39600	31000	35100	45400	32600	37900	44700	35400	39100	45000	33800	39000
15	39600	31100	34900	44700	35000	38500	46200	35300	40600	46100	35800	40000
16	41300	29200	34900	45600	33900	39700	44300	36600	39800	47400	35700	40900
17	41500	29600	35200	46900	36700	40700	45200	36100	39800	48200	36500	42000
18	41400	31200	35300	47800	35200	41000	47100	34500	40300	48700	37500	42100
19	41000	29900	35200	49100	36400	41200	48100	35300	41300	47500	35700	41300
20	41500	30300	34300	47800	36200	40500	47700	37700	41700	47600	35300	40800
21	41000	28500	33900	44500	34600	38200	47300	37700	41900	45800	35100	39900
22	42000	30700	35500	46500	33700	38300	47000	38300	42100	45000	34600	40600
23	43700	33300	36800	45200	36500	39700	48800	36000	41800	44600	34800	39000
24	43900	29300	36300	46200	36400	40200	48000	37500	41600	43300	37800	41100
25	---	---	---	47400	37100	40500	47600	36000	40500	---	---	---
26	---	---	---	46100	37000	41000	---	---	---	---	---	---
27	---	---	---	46200	36600	40300	---	---	---	---	---	---
28	---	---	---	45800	36000	40200	46900	35300	40500	---	---	---
29	---	---	---	47500	36600	41500	47400	35300	41700	---	---	---
30	---	---	---	49200	36900	42500	48400	35100	41100	---	---	---
31	46900	34700	39900	---	---	---	48900	33700	41700	---	---	---
MONTH	46900	27200	35900	52000	30900	40200	52900	33300	41300	50400	30100	39500

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	47100	32600	39100	45300	32200	38300	50400	37300	44000
2	---	---	---	48100	33000	40400	46200	30600	37200	48200	36500	41900
3	---	---	---	48300	34600	40300	43800	31600	36500	45400	30800	38000
4	---	---	---	45000	31000	37000	41600	32100	36000	43700	31400	36400
5	---	---	---	43800	27000	35500	46000	26000	34000	43700	29200	36100
6	---	---	---	41300	31400	35300	46000	31700	35800	42300	27400	34300
7	---	---	---	39800	29600	33800	43400	32000	36900	42800	27700	34200
8	---	---	---	39600	27400	33400	43400	30300	35700	39400	22000	28700
9	---	---	---	41700	28800	35500	42900	30100	36600	42700	29600	33700
10	---	---	---	39100	31800	35800	43100	32200	36700	45200	30300	35800
11	---	---	---	42300	31800	37400	47000	33600	40100	43500	29100	35000
12	---	---	---	44400	35400	38600	45800	29100	37900	48700	29100	36700
13	---	---	---	43800	34900	38800	48000	28400	34500	41800	29600	35200
14	---	---	---	47600	36300	42300	50300	30100	42300	52100	29600	37900
15	---	---	---	44400	33200	39800	50900	34400	42700	53400	35300	44000
16	---	---	---	46800	36300	40900	43000	27000	32700	53000	36200	44300
17	48500	34900	41000	47900	32000	40400	39600	26200	31700	53600	36200	44300
18	48900	34600	41300	48000	35600	40400	51000	26500	37400	52400	35100	43500
19	50200	34800	42100	49300	34000	40800	50100	31300	39300	52000	34000	41900
20	50000	36700	42600	49900	27800	39300	46100	27500	37200	50700	34000	40700
21	50000	35800	42000	49900	34800	40700	37800	25900	32200	49800	35500	40400
22	47900	33800	40900	47800	28600	37500	39600	25700	32600	47500	35300	40100
23	48200	34500	39900	47200	27000	36400	46500	25100	32200	46800	34300	39800
24	46200	33400	38700	45400	31000	36700	38600	24300	31300	46300	34400	39500
25	46600	32600	38500	42900	30100	36100	38000	28600	33500	48400	33600	39800
26	46200	33000	38300	46600	32500	37700	48600	28800	34700	48100	35600	40800
27	46200	33300	39200	45000	32500	37400	49600	32600	41400	49600	35800	41500
28	45800	34000	39100	45600	33200	39200	50700	38000	43700	50400	37500	42600
29	---	---	---	46800	33900	39700	49900	30900	39900	50600	35600	42500
30	---	---	---	48200	34000	40000	51600	37900	44800	51700	35600	42700
31	---	---	---	48200	32500	39900	---	---	---	54000	39300	44600
MONTH	50200	32600	40300	49900	27000	38300	51600	24300	36900	54000	22000	39400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	54000	39500	45400	43100	29200	35100	47300	30200	38600	49800	33100	41800
2	49300	32900	39700	42900	26600	33700	48300	29700	37700	50100	32400	41300
3	42400	32000	35800	41600	26800	33300	49400	36000	40600	50800	32800	41900
4	44300	23300	33400	41600	28400	33300	47000	28200	37700	50000	35200	41000
5	44300	29800	35000	40100	28100	33500	46400	27700	35200	48400	35000	41000
6	45700	32000	36900	38600	28400	32700	47400	26800	36100	49000	29900	39000
7	45300	32700	38900	41600	26400	33300	46400	27700	36400	49300	29300	39000
8	47400	36000	40400	46000	27800	36100	45200	27200	36800	49100	33700	40800
9	48200	34900	40400	48100	24800	37200	43500	26700	35200	48700	32800	40900
10	49900	33800	40900	43800	26600	36200	50300	27400	39100	47800	32600	40200
11	52400	34200	43100	50000	26100	37600	48800	35800	41400	47400	33000	39200
12	55000	35400	44400	50800	27900	40900	48000	33400	40500	47400	29200	38300
13	53700	35500	44800	50700	28900	41000	49500	30300	39900	47200	35100	39900
14	53400	35600	43900	50700	32100	39600	48100	34700	40300	47200	30000	37900
15	49600	35200	42600	49700	25900	38900	45000	32600	38200	47000	28000	33700
16	48000	32300	39500	48000	25800	35600	44000	31100	36600	42800	27100	35200
17	48400	33000	39000	39800	25000	32300	42000	27500	35200	42300	29500	34900
18	48400	32700	39000	41800	25100	32400	42900	25500	32300	42000	29000	35300
19	42100	32600	36700	41900	25800	33200	44000	24100	31900	42400	32400	37000
20	42600	31700	35900	40800	23400	31500	43800	28200	33600	44700	34500	37900
21	39000	28700	33500	38700	21600	30300	43300	31000	35900	45600	35000	39500
22	40200	29300	36300	40500	24400	34000	45400	32100	37400	44900	37400	40900
23	44800	33200	37000	39400	28500	33700	47900	32200	39700	44800	37900	40800
24	43400	33100	36700	41200	26700	33200	48000	33800	40200	47600	32000	40900
25	42700	32000	37000	45400	27600	36300	47600	31400	40000	47600	33200	41100
26	42200	28800	35500	---	---	---	48000	30900	40600	47500	36900	42400
27	43000	29700	35200	---	---	---	45400	31900	38900	47600	36200	41600
28	43100	30700	35000	---	---	---	49000	32700	38300	47300	36100	41300
29	44200	28900	35000	45800	31900	39700	47300	32300	39700	46500	29600	38200
30	43700	28400	35300	50000	30500	37200	47200	34300	40400	43000	26500	34500
31	---	---	---	49100	30100	38000	48400	29000	40700	---	---	---
MONTH	55000	23300	38400	50800	21600	35400	50300	24100	37900	50800	26500	39200
YEAR	55000	21600	38500									

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	43400	28000	36300	46900	35000	40300	49000	36400	41800	47900	33300	40300
2	45700	29900	37300	48000	35900	41900	50300	35900	43000	48900	33500	41900
3	46400	34300	39400	48500	36100	42200	50700	37300	43400	47900	33700	40400
4	46300	29700	39300	49400	34400	41500	50600	36600	42600	45800	31300	37800
5	47200	29500	39500	49700	33400	42600	50200	34900	42300	45300	30700	37700
6	48300	33900	40600	50400	35900	42800	50200	35700	42000	46200	32000	38700
7	48000	31800	40300	49100	33100	40400	49000	35900	41500	43900	32200	37700
8	46600	27400	37200	47200	31600	39600	47000	35400	40300	44300	34100	38300
9	41200	24500	33600	45100	33200	38600	45200	34400	39200	44300	33800	38900
10	44400	26600	34900	44300	35200	38500	47400	35000	40600	46600	35300	39900
11	44000	29300	35500	43000	32600	37600	46200	35200	40700	47800	37100	41100
12	42300	30700	35700	43100	32900	37500	46000	35200	40500	45900	35400	40200
13	42700	32700	36600	44100	33200	38600	46800	35200	40300	46000	35400	40600
14	42300	29700	36100	44200	32900	38100	45100	36000	40500	46500	36300	40700
15	41900	32200	37200	42600	34000	37900	48000	37100	41800	46800	36900	41000
16	42500	30100	36800	45600	33600	39400	44500	36700	40300	48200	37100	42200
17	43000	29700	36800	46400	36400	41100	44700	35900	39800	48900	38000	43000
18	42500	32300	37100	47500	35000	41500	46400	34800	40300	49400	38100	42900
19	41300	31500	36500	49200	36500	42300	47100	35000	41100	48200	36700	42100
20	41500	28800	35600	47600	36700	41500	46600	36900	41300	48600	36200	41800
21	42200	30200	35700	45200	35200	40000	46500	36900	41300	48300	36400	41800
22	43200	32700	36500	47000	35500	40400	46300	37200	41000	47700	36600	41500
23	46000	33100	39000	48000	37000	40900	48300	36800	41500	47400	36100	41000
24	45700	28800	37800	46100	35500	40400	47300	37000	41500	46600	32100	39200
25	44200	35700	39300	47100	37100	41300	46700	36600	40900	43800	31700	37500
26	42600	34300	38300	45800	36700	41100	---	---	---	44200	32300	38000
27	43900	36200	39900	45900	35700	40600	---	---	---	46700	32300	37900
28	44900	30100	37000	45300	35700	40600	45700	34100	39800	46900	31600	37600
29	43400	29100	36200	46200	34800	40600	46200	34100	40200	48000	30400	38400
30	45000	33600	39700	47500	34800	41200	47100	34000	39600	51000	30000	41000
31	46200	34200	39600	---	---	---	47700	33900	40200	50600	33400	42100
MONTH	48300	24500	37500	50400	31600	40400	50700	33900	41000	51000	30000	40100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	47400	34500	41100	38900	27700	32500	44700	28600	35700	49300	37600	44000
2	45500	32400	38500	43800	31700	36700	45400	28900	36200	47400	36500	42200
3	44300	28900	35800	43200	31700	35600	44300	31200	37500	45900	32900	39200
4	41600	29800	34200	38400	27700	31900	41900	29700	34900	44800	32400	37600
5	44000	29400	35100	38400	26700	32500	44500	25600	33900	44700	31200	37000
6	43700	31700	36400	37100	28100	31600	44800	30100	37700	44900	30500	36200
7	42200	31800	36600	36000	25900	30500	45700	28500	36300	43300	28300	35400
8	42900	32700	37900	35700	25900	30700	41500	29200	36600	42100	28100	35300
9	45500	34100	40200	38000	26800	32300	44600	33200	38100	43900	30400	37000
10	46300	33400	39800	41200	29000	35600	44500	32600	38800	46100	31800	38700
11	46700	32800	40000	41900	27700	35600	48200	33900	40500	46200	34300	39300
12	43900	35100	38800	40600	28600	34400	46200	34600	39000	48400	34300	40800
13	43800	34600	38500	41200	32900	36500	49700	35200	42500	49700	33900	41500
14	47000	32800	39600	40600	31300	36700	49700	36500	42300	51400	34300	42200
15	46000	35000	39900	39300	30800	35800	49900	35100	42900	52000	35300	43700
16	46900	34400	40000	41900	29400	34100	49900	33100	40100	52100	36300	44100
17	46800	33800	39800	44800	28900	36800	50400	33600	40600	52500	36200	43900
18	45300	33000	37600	44700	29200	36400	50100	33000	40200	52300	35600	43400
19	41800	30900	34600	45800	32600	38300	49800	33900	40100	51500	34000	41800
20	41800	33000	36600	46600	29000	37300	49200	31200	39400	49400	34600	40900
21	41000	30400	34800	46600	27300	35600	47100	31100	38400	48000	34500	40100
22	37800	30100	33800	43700	28000	34700	48700	31700	38800	46000	34300	39200
23	36600	30800	33300	43700	29300	34300	47400	31400	38400	44700	34100	38400
24	37700	30700	33700	42400	25600	33600	45800	34300	39700	45400	33100	37800
25	37700	30300	33700	40400	28300	33800	50800	32300	42700	46600	33300	39000
26	38500	29700	33700	39100	27000	34600	48700	37200	41600	46100	33600	39400
27	36700	29900	32100	42100	27000	34500	49200	37600	43100	48300	33300	40100
28	39600	29900	33500	43600	29300	35600	50500	38100	43500	47400	33100	40200
29	---	---	---	43200	28100	35600	51300	38700	44300	48100	32900	40200
30	---	---	---	43300	26100	34900	51200	37700	44600	48100	34100	39900
31	---	---	---	45200	26600	36200	---	---	---	48900	31200	39500
MONTH	47400	28900	36800	46600	25600	34700	51300	25600	39600	52500	28100	39900

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	47900	35300	40400	47900	33500	40600	49100	36400	40500	---	---	---
2	47400	36000	40200	47800	35900	40500	46300	38700	41800	---	---	---
3	45800	33700	38500	47400	35100	40000	49800	38500	43000	---	---	---
4	46400	34000	38500	47800	34400	39600	---	---	---	---	---	---
5	46600	33500	39500	45200	33700	39300	---	---	---	46600	35600	41000
6	46900	33300	39200	45800	33700	39300	45700	33500	39400	49000	35500	39400
7	45800	34700	39500	46200	32200	39100	46700	34400	40000	48200	34300	40100
8	45200	34300	39200	45200	35200	39800	48600	34300	39100	48300	33800	40300
9	44600	33100	38400	47600	30200	38800	43300	33400	38500	48600	32900	40400
10	46000	32100	38500	46500	33200	39000	---	---	---	47300	33400	39500
11	52000	30300	38900	48700	32800	39300	---	---	---	---	---	---
12	53000	36400	44300	49500	34800	41800	---	---	---	---	---	---
13	53700	31600	42900	48900	34400	41400	---	---	---	46600	30900	38700
14	52900	36400	43300	47700	32700	39100	---	---	---	---	---	---
15	51000	35500	42300	47700	32700	39600	---	---	---	---	---	---
16	52200	31100	41000	---	---	---	---	---	---	---	---	---
17	52000	31100	41800	---	---	---	---	---	---	44300	31600	37100
18	52000	34700	42800	---	---	---	44900	34600	40700	43200	31900	37400
19	52300	33200	43100	42200	30600	35700	45800	34000	38700	43800	34000	38100
20	50100	34300	42100	---	---	---	44800	32000	37500	44100	34600	38400
21	48500	32700	41600	---	---	---	44300	31700	37900	45700	34800	39300
22	48200	32000	41200	46900	33100	38300	47200	32400	39200	44700	36700	40500
23	49400	32000	41700	---	---	---	47100	35000	40000	44500	36400	40600
24	48500	37300	41800	---	---	---	46600	35900	40700	47700	38100	42200
25	47300	36200	42200	46000	34300	39900	46600	36500	40500	48400	39100	43900
26	46600	36000	41200	---	---	---	46900	35600	40400	48000	37900	42700
27	47500	33200	40900	---	---	---	45100	32000	38100	47900	37400	42500
28	48600	34800	40600	46900	34800	40400	48500	32100	40000	47800	36800	42100
29	48800	35000	41000	---	---	---	48500	35300	41800	---	---	---
30	48300	35900	41100	---	---	---	48500	35600	41000	---	---	---
31	---	---	---	---	---	---	48900	36500	42200	---	---	---
MONTH	53700	30300	40900	49500	30200	39600	49800	31700	40000	49000	30900	40200
YEAR	53700	24500	39200									

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	27.0	27.0	21.5	21.0	21.0	19.0	18.5	18.5	11.5	11.0	11.5
2	27.5	26.5	27.0	21.5	21.0	21.5	19.0	18.5	19.0	11.5	11.0	11.0
3	27.0	26.0	26.5	21.5	21.0	21.5	19.5	18.5	19.0	11.5	11.5	11.5
4	26.5	26.0	26.5	21.5	20.5	21.0	19.5	19.0	19.0	11.5	11.0	11.0
5	26.5	26.0	26.5	20.5	19.5	20.0	19.5	19.0	19.0	11.0	10.0	10.5
6	26.5	25.5	26.0	19.5	18.5	19.0	19.5	19.0	19.5	10.0	9.5	10.0
7	26.0	25.5	26.0	18.5	17.0	18.0	20.0	19.5	19.5	10.0	9.5	9.5
8	26.0	25.5	26.0	18.0	17.0	17.5	20.0	19.5	20.0	10.0	9.5	9.5
9	26.0	25.5	26.0	18.0	17.0	17.5	20.0	19.5	20.0	10.5	10.0	10.0
10	26.0	25.0	25.5	18.5	17.5	18.0	20.0	19.0	19.5	10.5	10.0	10.0
11	25.5	25.0	25.5	18.5	18.0	18.0	19.5	18.5	19.0	10.5	10.0	10.0
12	25.5	25.0	25.0	18.5	18.0	18.5	18.5	18.0	18.0	10.5	10.0	10.0
13	25.0	25.0	25.0	18.5	18.0	18.0	18.0	17.5	18.0	10.5	10.0	10.5
14	25.0	24.5	25.0	18.0	18.0	18.0	18.0	17.0	17.5	11.0	10.5	11.0
15	25.0	24.5	24.5	18.0	18.0	18.0	17.0	15.5	16.0	11.5	11.0	11.5
16	25.0	24.0	24.5	18.0	18.0	18.0	15.5	15.0	15.5	12.0	11.0	11.5
17	24.5	24.0	24.0	18.5	18.0	18.5	15.0	14.5	15.0	12.0	11.5	11.5
18	24.0	23.5	24.0	18.5	18.5	18.5	14.5	14.0	14.0	12.5	12.0	12.0
19	24.0	23.5	24.0	18.5	18.5	18.5	14.5	13.5	14.0	12.5	12.0	12.5
20	24.5	24.0	24.0	19.0	18.5	18.5	14.5	14.0	14.5	12.5	12.0	12.5
21	24.0	23.5	24.0	19.0	18.5	18.5	15.0	14.5	14.5	13.0	12.5	12.5
22	---	---	---	18.5	18.0	18.0	15.5	14.5	15.0	13.5	13.0	13.0
23	---	---	---	18.0	17.5	18.0	15.0	15.0	15.0	14.5	13.5	13.5
24	---	---	---	18.5	17.5	18.0	15.0	14.0	14.5	14.5	14.0	14.0
25	---	---	---	18.5	18.0	18.0	14.0	13.0	13.5	14.5	14.0	14.5
26	21.0	20.0	20.5	18.5	18.0	18.5	---	---	---	14.5	14.0	14.5
27	21.0	20.0	20.5	18.5	18.0	18.5	---	---	---	15.0	14.0	14.5
28	21.0	20.5	20.5	18.5	18.0	18.5	12.0	11.0	11.5	15.0	14.5	14.5
29	21.0	20.5	20.5	18.5	18.0	18.0	12.0	11.5	12.0	15.0	14.5	15.0
30	21.0	20.5	20.5	18.5	18.0	18.5	12.0	11.5	11.5	15.0	14.5	14.5
31	21.0	20.5	21.0	---	---	---	11.5	11.0	11.5	15.0	13.5	14.0
MONTH	27.5	20.0	24.3	21.5	17.0	18.7	20.0	11.0	16.3	15.0	9.5	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	12.5	13.5	13.0	12.5	12.5	16.5	16.0	16.5	18.5	16.5	18.0
2	14.0	13.0	13.5	13.0	12.5	13.0	17.5	16.0	17.0	18.0	17.0	17.5
3	14.5	13.5	14.0	13.5	13.0	13.0	18.0	17.0	17.5	18.5	17.0	17.5
4	14.5	14.0	14.0	13.0	12.5	12.5	18.5	17.5	18.0	19.5	17.5	18.0
5	14.5	14.0	14.0	13.0	12.5	12.5	19.5	18.0	18.5	19.0	18.0	18.5
6	14.5	14.0	14.0	13.5	12.5	13.0	19.0	18.0	18.5	19.5	18.0	18.5
7	14.5	14.0	14.5	13.5	13.0	13.0	19.0	18.5	18.5	20.0	19.0	19.5
8	15.0	14.0	14.5	13.0	12.5	13.0	20.0	18.5	19.0	20.5	19.5	20.0
9	15.0	14.5	15.0	13.0	12.5	12.5	19.5	19.0	19.5	21.5	19.5	20.5
10	15.5	14.5	14.5	12.5	12.5	12.5	20.0	19.0	19.5	21.5	20.5	21.0
11	15.5	14.5	15.0	12.5	12.0	12.5	20.5	19.5	20.0	22.0	21.0	21.5
12	16.5	15.0	16.0	12.5	12.0	12.5	20.5	20.0	20.5	22.5	21.5	22.0
13	16.0	15.0	15.5	12.5	12.0	12.5	20.5	19.5	20.0	22.5	22.0	22.0
14	15.5	14.5	14.5	13.0	12.5	12.5	20.5	19.5	20.0	22.5	22.0	22.0
15	14.5	13.5	14.0	13.0	12.5	13.0	20.5	19.5	20.0	22.5	22.0	22.0
16	14.5	14.0	14.0	13.0	12.5	12.5	20.5	19.5	20.0	22.5	21.5	22.0
17	15.0	14.0	14.5	13.5	12.5	13.0	20.0	19.0	19.5	22.5	22.0	22.0
18	15.0	14.5	15.0	14.0	13.0	13.5	19.5	18.5	19.0	23.0	22.0	22.5
19	15.0	15.0	15.0	14.5	13.5	14.0	19.0	18.0	18.5	23.0	22.5	22.5
20	15.0	14.5	15.0	15.0	14.0	14.5	19.5	18.5	19.0	23.5	22.5	23.0
21	14.5	14.0	14.5	15.0	14.5	15.0	20.5	19.0	19.5	24.0	23.0	23.0
22	14.0	13.0	13.5	15.5	14.5	15.0	20.5	19.5	20.0	24.0	23.5	23.5
23	13.5	12.5	12.5	16.0	15.0	15.0	20.5	20.0	20.5	24.5	23.5	24.0
24	12.5	11.5	12.0	16.0	15.5	15.5	21.0	20.5	20.5	24.5	24.0	24.0
25	12.0	11.0	11.5	16.5	16.0	16.0	21.0	20.0	20.5	25.0	24.0	24.5
26	12.5	11.5	12.0	16.5	16.0	16.0	21.0	20.0	20.5	25.0	24.5	24.5
27	12.5	12.0	12.0	16.0	15.5	15.5	22.0	20.5	21.0	25.0	25.0	25.0
28	13.0	12.5	12.5	16.0	15.0	15.5	22.0	21.5	21.5	25.5	25.0	25.0
29	---	---	---	16.0	15.5	15.5	21.5	20.5	21.0	26.0	25.0	25.5
30	---	---	---	16.0	15.5	15.5	20.5	18.5	19.5	26.0	25.0	25.5
31	---	---	---	16.0	15.5	16.0	---	---	---	26.5	25.5	26.0
MONTH	16.5	11.0	13.9	16.5	12.0	13.8	22.0	16.0	19.5	26.5	16.5	22.0

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	TOP MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.5	26.0	26.5	26.0	26.0	32.0	29.5	30.5	---	---	---
2	27.0	26.0	26.0	27.0	26.0	26.5	31.5	29.5	30.5	---	---	---
3	26.5	26.0	26.5	27.5	26.5	27.0	31.0	29.5	30.0	---	---	---
4	27.5	26.0	26.5	28.0	27.0	27.5	---	---	---	---	---	---
5	27.0	26.5	26.5	28.5	27.5	28.0	---	---	---	27.5	26.5	27.0
6	27.5	26.5	27.0	28.0	28.0	28.0	30.5	30.0	30.0	28.0	27.0	27.0
7	27.5	26.5	27.0	28.5	27.5	28.0	31.5	30.0	30.5	28.0	27.0	27.5
8	28.0	27.0	27.5	---	---	---	31.5	30.0	30.5	28.0	27.5	27.5
9	28.0	27.5	27.5	---	---	---	31.0	30.0	30.5	28.5	27.5	28.0
10	28.0	27.5	27.5	29.0	28.0	28.5	31.0	30.0	30.5	28.5	27.5	28.0
11	28.0	27.0	27.5	29.0	28.5	28.5	31.5	30.0	30.5	---	---	---
12	27.5	27.0	27.0	29.0	28.0	28.5	31.5	30.0	30.5	---	---	---
13	28.0	26.5	27.0	28.5	28.0	28.5	31.5	30.5	31.0	27.5	26.5	27.0
14	28.0	27.0	27.5	28.5	28.0	28.0	31.5	30.5	31.0	---	---	---
15	28.0	27.5	27.5	29.0	28.0	28.5	31.5	30.0	31.0	---	---	---
16	28.5	27.5	28.0	---	---	---	31.5	30.5	31.0	---	---	---
17	28.5	28.0	28.0	---	---	---	31.0	30.0	31.0	24.5	24.0	24.5
18	28.0	27.0	27.5	---	---	---	31.5	30.5	30.5	25.0	24.0	24.5
19	27.0	26.0	26.5	29.0	28.5	29.0	31.0	30.5	30.5	24.5	24.0	24.0
20	26.0	25.5	26.0	---	---	---	31.0	30.0	30.5	24.0	23.5	24.0
21	26.0	25.5	26.0	---	---	---	31.0	30.0	30.5	24.5	23.5	23.5
22	26.0	25.5	26.0	30.5	28.5	29.5	31.0	29.5	30.0	24.0	23.0	23.5
23	26.5	25.5	26.0	---	---	---	30.5	29.5	29.5	23.5	22.5	23.0
24	26.5	26.0	26.0	---	---	---	30.5	29.0	29.5	23.5	22.0	22.5
25	27.0	26.5	26.5	30.5	29.0	29.5	30.5	29.0	29.5	23.5	22.0	22.5
26	26.5	26.5	26.5	---	---	---	30.5	29.0	29.5	23.5	22.5	23.0
27	27.0	26.5	27.0	---	---	---	30.5	29.0	29.5	23.5	23.0	23.5
28	27.0	26.5	27.0	---	---	---	30.0	29.0	29.5	24.0	23.5	23.5
29	27.0	26.5	26.5	---	---	---	29.5	28.0	29.0	---	---	---
30	26.5	26.0	26.5	---	---	---	28.5	27.5	28.0	---	---	---
31	---	---	---	---	---	---	28.0	26.5	27.5	---	---	---
MONTH	28.5	25.5	26.8	30.5	26.0	28.1	32.0	26.5	30.1	28.5	22.0	24.9
YEAR	32.0	9.5	20.4									

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 17.12 ft below sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 23.65 ft, Jan. 1, 1987; minimum gage height, 10.88 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.68 ft, May 16; minimum gage height, 13.28 ft, Dec. 4

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.64	15.20	18.16	21.26	14.58	18.29	20.70	13.36	17.38	21.54	13.91	18.12
2	21.41	15.66	18.55	21.42	14.64	18.35	21.19	13.36	17.67	22.44	14.47	18.93
3	21.49	14.95	18.47	21.91	14.48	18.33	21.54	13.45	17.66	22.05	13.90	17.91
4	21.42	14.57	18.19	21.74	13.84	18.06	21.29	13.28	17.39	20.59	13.43	17.02
5	21.56	14.41	18.26	22.23	14.15	18.51	21.23	13.39	17.41	20.51	13.87	17.26
6	21.96	14.51	18.54	22.28	14.77	18.30	21.07	13.96	17.41	20.58	14.82	17.60
7	22.08	14.59	18.40	21.48	14.42	17.80	20.72	14.20	17.36	19.96	14.90	17.35
8	21.67	14.32	17.94	21.13	14.60	17.75	20.27	14.36	17.17	20.00	15.44	17.65
9	21.16	14.15	17.70	20.61	14.75	17.68	19.52	14.29	17.10	19.94	15.49	17.76
10	21.10	14.45	17.74	20.56	15.24	17.85	20.15	15.62	17.82	19.76	15.96	17.80
11	20.88	14.82	17.85	19.89	14.68	17.42	20.04	15.65	18.03	20.03	15.42	17.58
12	20.75	15.22	17.97	19.95	15.32	17.61	20.43	15.75	18.29	19.64	15.07	17.37
13	20.81	15.57	18.26	20.35	15.75	18.08	20.39	14.65	17.78	19.94	14.98	17.45
14	20.61	15.66	18.30	20.40	15.39	18.04	20.07	15.82	18.06	20.09	14.88	17.50
15	20.70	15.66	18.30	20.26	14.97	17.70	20.87	15.67	18.37	20.32	14.67	17.41
16	20.83	15.65	18.44	20.22	15.03	17.79	20.19	15.24	17.88	20.68	14.63	17.88
17	20.79	15.51	18.38	20.25	14.90	17.61	20.41	14.98	17.56	20.88	14.91	18.02
18	20.62	15.40	18.16	20.57	14.71	18.01	20.84	14.77	17.91	20.96	14.36	17.69
19	20.30	15.03	17.84	20.90	15.36	18.04	21.14	15.08	18.08	20.48	14.04	17.40
20	20.29	14.80	17.64	20.59	14.93	17.71	20.75	14.72	17.77	20.74	14.40	17.61
21	20.47	15.01	17.86	19.97	14.88	17.47	20.61	14.68	17.66	20.77	14.54	17.69
22	20.08	15.24	17.79	20.38	15.30	17.78	20.37	14.45	17.45	20.56	14.66	17.73
23	20.82	15.66	18.14	20.42	15.00	17.61	21.08	15.39	18.01	20.62	15.10	17.84
24	20.54	15.55	17.99	19.99	15.00	17.30	20.69	15.25	17.93	20.56	14.43	17.68
25	20.28	15.52	17.77	20.34	15.50	17.76	20.87	15.60	18.19	20.08	14.43	17.54
26	20.03	15.63	17.69	19.80	14.91	17.32	20.94	15.59	18.42	20.40	15.20	17.95
27	20.24	15.62	17.80	19.77	14.68	17.22	20.90	15.12	18.29	21.03	14.22	17.82
28	20.50	15.96	18.09	20.00	14.59	17.48	21.22	14.80	18.21	20.71	13.77	17.41
29	20.38	15.49	17.88	20.28	14.11	17.53	21.43	14.57	18.28	20.82	14.02	17.78
30	20.59	15.14	18.07	20.54	13.64	17.47	21.38	14.04	17.71	21.72	14.39	18.49
31	20.98	14.91	18.09	---	---	---	21.52	14.11	18.05	22.15	15.16	18.95
MONTH	22.08	14.15	18.07	22.28	13.64	17.80	21.54	13.28	17.82	22.44	13.43	17.75

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.32	15.44	19.05	20.72	13.99	17.75	20.29	14.44	17.52	22.03	16.12	19.15
2	21.66	14.74	18.26	21.21	14.58	18.25	20.49	14.39	17.53	21.51	16.22	18.93
3	20.99	14.42	17.82	21.38	14.92	17.84	20.60	14.88	17.77	21.05	15.97	18.49
4	20.50	14.46	17.62	20.18	13.56	17.16	20.19	15.31	17.78	20.90	15.90	18.30
5	20.42	15.45	17.89	20.26	14.76	17.70	21.23	14.96	18.00	20.63	16.00	18.22
6	20.22	15.68	17.99	20.03	15.10	17.61	21.21	16.16	18.50	20.50	15.76	17.89
7	19.84	15.72	17.79	19.73	14.93	17.31	20.29	15.69	17.68	20.55	15.37	17.60
8	19.55	15.74	17.57	20.12	15.98	17.90	19.75	15.53	17.55	20.04	15.42	17.46
9	20.27	16.44	18.31	20.21	16.27	18.10	20.04	15.78	17.76	19.78	15.25	17.57
10	20.34	16.16	18.18	19.67	16.17	17.94	19.74	15.48	17.92	20.12	15.03	17.77
11	20.62	15.74	18.24	20.24	16.35	18.24	21.00	15.66	18.61	20.76	15.27	18.22
12	20.36	14.01	17.73	20.29	15.87	18.14	20.71	15.00	18.14	21.19	14.91	18.37
13	20.05	14.26	17.37	20.41	16.15	18.35	21.46	15.21	18.71	21.45	14.24	18.17
14	20.72	14.73	17.99	21.37	14.77	18.84	21.66	14.86	18.49	22.15	14.12	18.28
15	20.93	14.69	17.96	20.29	14.42	17.61	22.10	14.63	18.56	22.49	14.47	18.57
16	20.94	14.42	17.91	20.96	14.78	18.14	21.24	13.45	17.45	22.68	14.77	18.72
17	21.06	14.34	17.87	21.04	14.28	17.84	21.28	13.47	17.36	22.59	14.83	18.65
18	21.28	14.52	18.06	20.77	13.72	17.52	20.99	13.37	17.18	22.09	14.94	18.55
19	21.82	15.23	18.53	21.39	13.76	17.77	20.71	13.71	17.16	21.50	14.89	18.17
20	21.51	15.46	18.57	21.46	14.18	17.81	20.20	13.83	16.94	21.43	15.24	18.20
21	21.44	15.35	18.47	20.80	13.91	17.70	20.53	14.22	17.24	21.19	15.30	18.08
22	21.36	15.60	18.44	20.58	14.16	17.23	20.64	14.69	17.36	20.73	15.29	17.95
23	21.33	15.54	18.49	20.58	14.40	17.28	20.23	14.61	17.28	20.31	15.16	17.83
24	21.34	15.28	18.43	20.41	14.61	17.27	20.39	14.49	17.71	20.04	15.08	17.69
25	21.35	14.87	18.35	20.09	14.54	17.38	20.78	15.74	18.53	20.41	15.18	17.79
26	20.90	15.24	18.41	20.80	15.60	18.21	20.64	15.31	18.21	20.48	15.18	17.90
27	21.32	14.86	18.36	20.73	14.98	18.02	20.75	15.27	18.17	20.86	15.18	18.07
28	21.06	14.35	17.85	20.55	14.52	17.79	20.97	15.71	18.54	20.77	15.22	18.04
29	---	---	---	20.52	14.52	17.80	21.46	15.77	18.67	20.65	15.05	17.84
30	---	---	---	20.91	14.66	18.06	21.91	16.01	19.06	20.77	15.06	17.80
31	---	---	---	21.00	15.12	18.11	---	---	---	20.77	15.29	17.93
MONTH	22.32	14.01	18.13	21.46	13.56	17.83	22.10	13.37	17.91	22.68	14.12	18.14

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.71	15.38	17.92	20.46	14.73	17.47	20.78	15.17	18.04	21.85	15.82	19.01
2	20.47	15.35	17.77	20.63	15.32	17.82	21.04	15.01	18.17	22.07	16.26	19.21
3	19.90	15.13	17.40	20.54	14.96	17.73	21.37	15.37	18.64	22.66	16.52	19.57
4	20.47	14.85	17.57	20.45	14.94	17.71	21.48	15.68	18.69	22.02	16.15	19.19
5	20.67	15.75	18.19	20.30	14.72	17.52	21.33	15.18	18.41	21.33	15.51	18.55
6	20.68	15.39	17.96	20.23	14.44	17.53	21.41	14.91	18.30	21.36	14.99	18.31
7	20.38	15.35	17.98	20.32	14.51	17.51	21.42	14.76	18.24	21.61	14.81	18.38
8	20.53	15.07	17.97	20.58	14.07	17.50	21.50	14.38	18.05	21.52	14.83	18.41
9	20.58	14.49	17.72	20.95	13.85	17.53	21.67	14.06	17.89	21.65	15.12	18.47
10	20.98	14.28	17.81	21.17	13.70	17.53	22.33	14.76	18.64	21.39	15.14	18.39
11	22.28	14.74	18.57	21.56	13.56	17.59	21.87	14.65	18.47	21.43	15.29	18.61
12	22.44	14.75	18.80	22.27	14.46	18.43	21.76	14.77	18.29	21.39	15.86	18.78
13	22.48	14.44	18.58	22.09	14.46	18.40	21.38	14.95	18.27	21.21	16.09	18.72
14	22.08	14.20	18.25	22.04	14.52	18.33	20.89	15.08	18.18	21.27	16.37	18.78
15	21.75	14.24	17.98	21.76	14.91	18.26	20.73	14.92	18.12	22.21	16.24	19.02
16	21.56	14.56	17.97	21.19	15.00	18.13	20.24	15.08	17.89	19.87	15.05	17.76
17	21.48	14.77	18.03	20.62	15.03	17.93	20.24	15.39	17.97	20.55	16.04	18.12
18	21.68	15.53	18.62	20.51	14.94	17.71	20.14	15.45	17.84	20.48	16.41	18.29
19	21.74	16.10	18.77	20.05	15.03	17.50	19.99	15.33	17.58	20.49	16.27	18.29
20	21.04	15.60	18.21	19.54	14.84	17.28	19.93	15.40	17.73	20.95	16.35	18.45
21	20.36	15.58	18.06	19.98	15.09	17.58	20.12	15.42	17.70	21.53	16.61	18.93
22	20.49	15.69	18.22	20.26	15.65	17.97	21.03	15.79	18.22	21.72	16.18	18.99
23	20.83	15.98	18.43	20.29	15.58	17.88	21.33	16.07	18.67	22.03	16.18	19.11
24	20.75	15.84	18.33	20.39	15.29	17.79	21.21	15.69	18.48	21.95	15.81	19.03
25	20.58	15.48	18.08	20.57	15.28	17.87	21.15	15.14	18.24	21.73	15.33	18.74
26	20.46	15.12	17.82	20.58	15.11	17.74	21.03	14.88	18.00	21.49	14.97	18.46
27	20.45	15.00	17.67	21.10	15.15	17.98	21.07	14.69	17.98	21.93	14.97	18.57
28	20.34	14.68	17.35	21.15	15.32	18.22	21.59	14.79	18.26	21.89	15.13	18.64
29	20.38	14.40	17.22	20.99	15.12	18.11	21.69	15.36	18.84	21.99	15.42	18.72
30	20.49	14.90	17.58	21.13	14.95	18.06	21.35	15.48	18.78	21.75	15.19	18.56
31	---	---	---	21.02	15.06	18.01	21.59	15.63	18.76	---	---	---
MONTH	22.48	14.20	18.03	22.27	13.56	17.83	22.33	14.06	18.24	22.66	14.81	18.67
YEAR	22.68	13.28	18.01									

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21'', long 81°21'57'', Aiken County, Hydrologic Unit 03050204, on downstream side of bridge, on unnamed dirt road off County Road 27 (1.2 miles south of intersection of County Roads 14 and 270), 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi^2.

PERIOD OF RECORD.--October 1980 to March 1987, February 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above sea level (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	24	25	23	41	25	28	32	18	22	20	19
2	22	25	25	22	37	25	27	28	18	21	20	19
3	22	27	25	32	31	25	24	23	19	20	19	18
4	23	27	24	28	30	24	24	20	18	20	18	17
5	23	27	25	27	28	24	24	20	18	20	18	17
6	23	26	30	26	26	24	23	21	18	20	17	19
7	24	26	31	25	25	24	23	21	18	21	16	20
8	25	25	26	25	25	24	23	21	18	21	17	20
9	24	25	25	26	25	25	23	20	18	20	18	22
10	24	24	25	28	25	25	21	20	18	e20	18	23
11	23	25	25	25	25	24	21	20	18	e21	17	21
12	23	25	30	24	25	24	21	20	18	e22	17	20
13	24	24	30	24	25	24	21	20	18	23	16	20
14	24	24	26	24	25	31	22	19	18	22	16	22
15	24	25	27	34	25	28	23	19	19	22	17	25
16	24	25	30	28	25	25	23	20	22	21	44	26
17	25	26	27	27	24	24	22	19	31	21	33	24
18	25	25	25	30	25	23	16	19	23	21	26	24
19	24	25	30	27	25	23	18	21	22	21	22	24
20	24	25	30	26	25	23	21	20	21	21	21	29
21	24	24	25	25	24	24	16	20	21	20	20	32
22	23	24	25	24	24	24	19	e20	20	18	20	22
23	23	24	25	35	24	23	20	e19	20	19	20	20
24	23	24	27	50	24	23	17	e19	20	18	23	19
25	23	24	34	34	24	25	20	e20	23	18	25	19
26	23	24	31	30	24	27	21	19	25	18	23	19
27	23	25	28	28	24	25	18	20	25	17	21	25
28	23	25	27	24	26	24	25	20	25	17	20	30
29	23	25	29	23	---	23	25	19	24	17	19	26
30	23	25	28	24	---	23	34	19	24	19	19	23
31	23	---	26	25	---	23	---	19	---	19	20	---
TOTAL	728	749	846	853	736	758	663	637	618	620	640	664
MEAN	23.5	25.0	27.3	27.5	26.3	24.5	22.1	20.5	20.6	20.0	20.6	22.1
MAX	25	27	34	50	41	31	34	32	31	23	44	32
MIN	22	24	24	22	24	23	16	19	18	17	16	17
CFSM	.75	.80	.87	.88	.84	.78	.71	.66	.66	.64	.66	.71
IN.	.87	.89	1.01	1.02	.88	.90	.79	.76	.74	.74	.76	.79

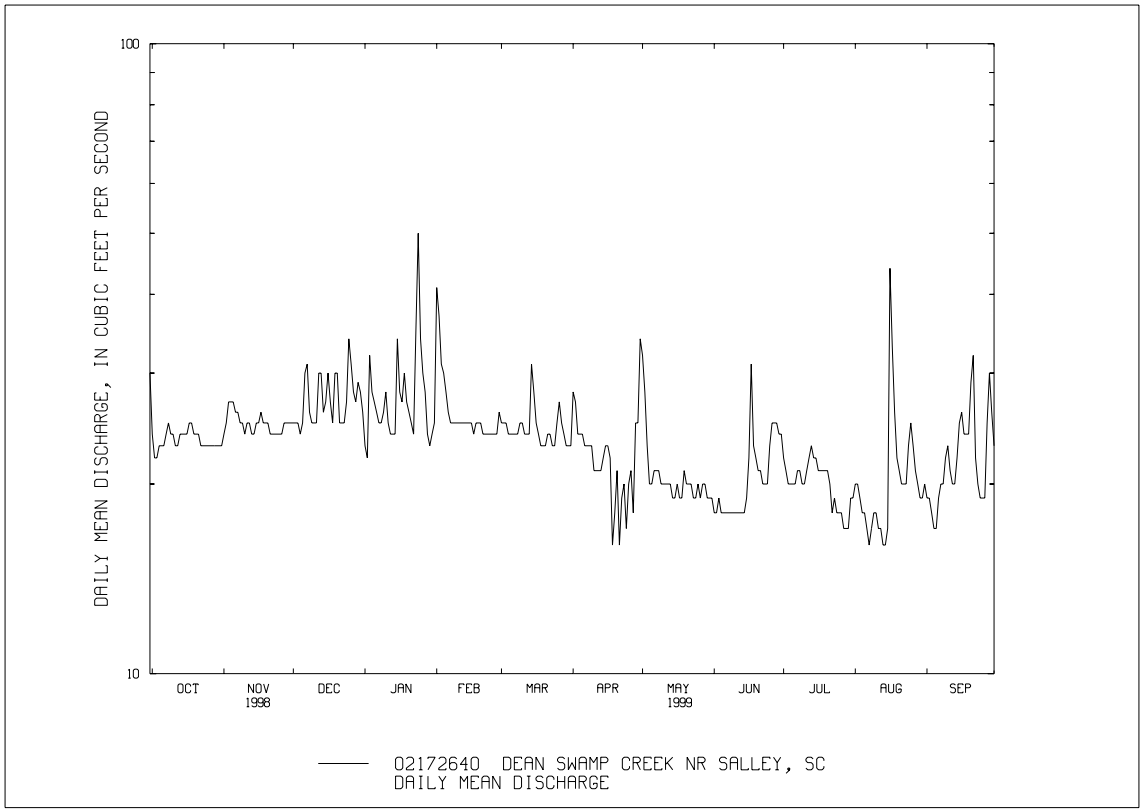
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

MEAN	24.1	25.2	26.2	28.0	27.8	27.2	25.3	23.5	23.2	22.8	23.8	22.8
MAX	30.4	31.6	33.7	40.1	41.9	38.1	36.1	35.3	32.6	28.7	34.2	29.8
(WY)	1991	1996	1998	1993	1995	1998	1998	1998	1995	1995	1995	1995
MIN	16.5	18.8	18.8	18.5	18.2	15.3	17.6	17.6	14.6	13.6	15.8	17.0
(WY)	1989	1990	1989	1990	1989	1989	1990	1990	1990	1990	1990	1990

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1981 - 1999	
ANNUAL TOTAL	11264		8512			
ANNUAL MEAN	30.9		23.3		25.2	
HIGHEST ANNUAL MEAN					32.1	1998
LOWEST ANNUAL MEAN					17.2	1990
HIGHEST DAILY MEAN	84	May 8	50	Jan 24	114	Oct 23 1990
LOWEST DAILY MEAN	21	Aug 27	16	Apr 18	11	Jul 20 1990
ANNUAL SEVEN-DAY MINIMUM	22	Aug 25	17	Aug 7	12	Mar 11 1989
INSTANTANEOUS PEAK FLOW			63	Aug 16	229	Oct 23 1990
INSTANTANEOUS PEAK STAGE			3.54	Aug 16	6.21	Oct 23 1990
ANNUAL RUNOFF (CFSM)	.99		.75		.81	
ANNUAL RUNOFF (INCHES)	13.43		10.15		10.96	
10 PERCENT EXCEEDS	39		28		32	
50 PERCENT EXCEEDS	29		24		24	
90 PERCENT EXCEEDS	24		18		18	

e Estimated



02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC

LOCATION.--Lat 33°23'35'', long 81°08'00'', Bamberg-Orangeburg County Line, Hydrologic Unit 03050204, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad Bridge, 1.8 mi downstream from Little River, 4.8 mi north of Denmark, and at mile 136.6.

DRAINAGE AREA.--720 mi^2, approximately (measured on topographic and highway planning survey maps).

PERIOD OF RECORD.--August 1931 to September 1971, October 1980 to current year.

GAGE.--Data collection platform. Datum of gage is 155.68 ft above sea level (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge, 17,100 ft^3/s by conveyance-slope study).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	544	456	552	709	932	687	696	703	291	719	300	309
2	557	457	555	679	1040	672	717	747	279	671	295	290
3	557	461	555	713	1130	662	685	763	274	622	287	268
4	559	462	555	718	1150	646	668	767	275	604	270	255
5	566	467	554	715	1140	634	656	725	273	595	257	245
6	558	473	550	715	1130	632	646	693	274	579	247	236
7	550	477	549	706	1180	630	645	681	275	602	238	226
8	547	484	551	704	1140	624	631	642	265	596	237	227
9	557	493	553	714	1020	628	607	580	253	556	233	227
10	559	499	556	714	917	642	586	538	245	523	236	226
11	561	504	558	682	844	648	567	523	242	486	232	236
12	561	504	562	650	802	647	548	523	242	589	225	253
13	558	505	564	635	773	642	533	522	240	657	219	268
14	559	508	564	624	752	658	527	504	239	724	223	286
15	546	522	571	657	716	715	523	483	274	750	258	291
16	524	533	603	690	689	759	539	469	415	706	290	307
17	502	543	621	721	679	776	551	447	652	733	333	315
18	488	553	631	771	677	762	543	433	666	761	349	314
19	481	560	641	825	678	747	524	436	571	719	368	311
20	478	564	645	864	688	767	510	435	540	623	383	316
21	473	572	645	884	689	776	492	426	567	558	373	397
22	467	578	648	882	692	738	473	415	628	524	355	446
23	462	581	647	873	682	683	459	410	646	508	324	454
24	456	579	628	1100	693	654	446	401	578	496	309	463
25	452	567	631	1290	727	643	441	383	502	453	321	471
26	451	557	661	1290	767	678	450	368	513	400	369	484
27	447	555	690	1190	753	712	470	352	604	368	407	515
28	446	553	711	1080	720	722	512	337	662	361	412	540
29	449	552	715	1040	---	714	539	326	692	364	409	542
30	453	551	713	1030	---	686	588	316	723	341	375	521
31	455	---	715	972	---	679	---	304	---	312	333	---
TOTAL	15823	15670	18894	25837	23800	21263	16772	15652	12900	17500	9467	10239
MEAN	510	522	609	833	850	686	559	505	430	565	305	341
MAX	566	581	715	1290	1180	776	717	767	723	761	412	542
MIN	446	456	549	624	677	624	441	304	239	312	219	226
CFSM	.71	.73	.85	1.16	1.18	.95	.78	.70	.60	.78	.42	.47
IN.	.82	.81	.98	1.33	1.23	1.10	.87	.81	.67	.90	.49	.53

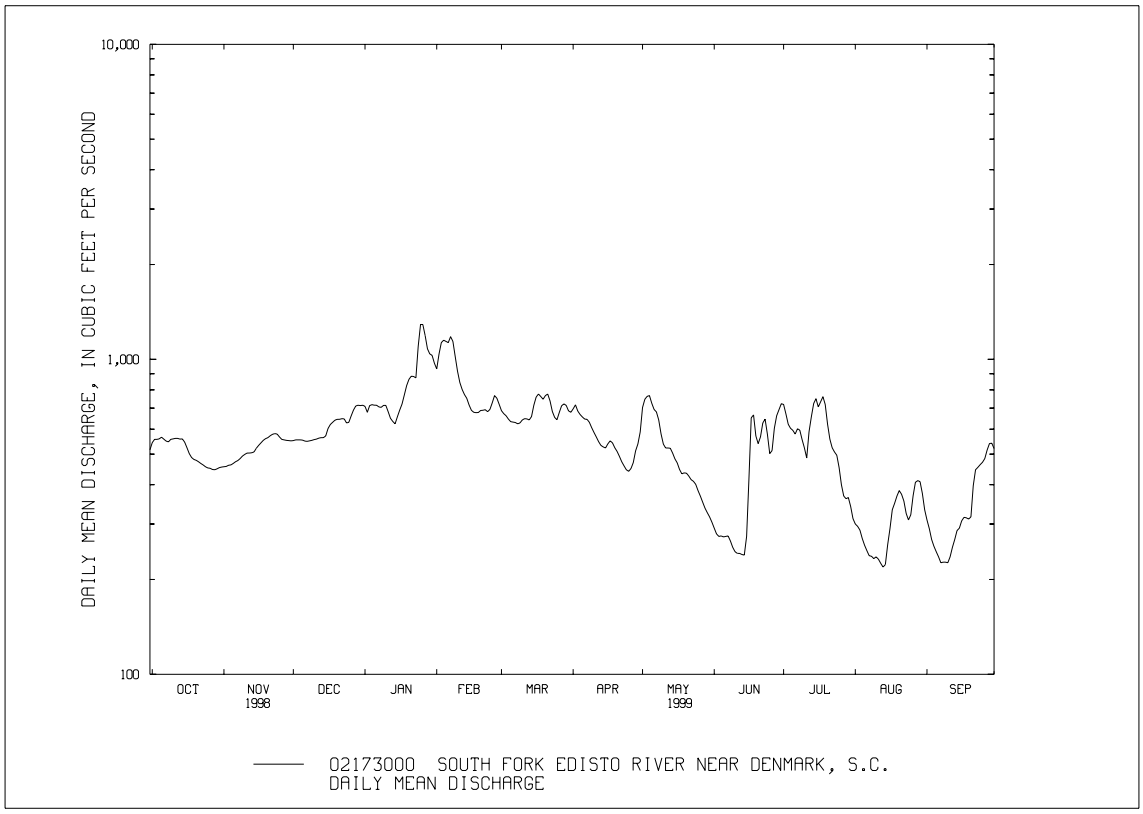
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1999, BY WATER YEAR (WY)

MEAN	617	675	830	983	1085	1153	1022	680	568	530	583	556
MAX	2436	1786	2190	1940	2688	2328	3017	1587	1331	1257	1507	2177
(WY)	1960	1948	1949	1993	1960	1948	1936	1998	1965	1941	1971	1964
MIN	250	358	456	446	555	544	421	314	233	196	238	211
(WY)	1955	1955	1956	1956	1957	1955	1945	1941	1956	1986	1957	1990

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1931 - 1999	
ANNUAL TOTAL	377695		203817			
ANNUAL MEAN	1035		558		768	
HIGHEST ANNUAL MEAN					1468	1965
LOWEST ANNUAL MEAN					453	1955
HIGHEST DAILY MEAN	4060	May 9	1290	*** Jan 25	12700	Apr 11 1936
LOWEST DAILY MEAN	380	Jul 10	219	Aug 13	133	Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	397	Jul 5	229	Aug 8	138	Jul 7 1990
INSTANTANEOUS PEAK FLOW			1310	*** Jan 25	* 13500	Apr 11 1936
INSTANTANEOUS PEAK STAGE			6.87	*** Jan 25	10.91	Apr 11 1936
INSTANTANEOUS LOW FLOW			218	**** Aug 13	133 **	Jul 12 1990
ANNUAL RUNOFF (CFSM)	1.44		.78		1.07	
ANNUAL RUNOFF (INCHES)	19.51		10.53		14.50	
10 PERCENT EXCEEDS	1920		755		1350	
50 PERCENT EXCEEDS	690		555		643	
90 PERCENT EXCEEDS	473		277		343	

* From rating curve extended above 7,100 ft^3/s on basis of velocity-area studies.
** Also occurred Jul. 13, 1990.
*** Also occurred Jan. 26.
**** Also occurred Aug. 14.



02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC

LOCATION.--Lat 33°21'32'', long 81°03'35'', Orangeburg County, Hydrologic Unit 03050204, on downstream side of trestle on old Seaboard Coastline Railroad, at South Carolina Electric and Gas Company Cope Power Plant, 4.6 mi north-northwest of Bamberg, and at mile 130.9.

DRAINAGE AREA.--757 mi^2.

PERIOD OF RECORD.--June 1991 to current year.

GAGE.--Data collection platform. Datum of gage is 139.23 ft above sea level.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	523	446	543	726	1050	732	760	740	288	724	277	296
2	530	448	542	714	1120	702	797	807	280	711	269	281
3	538	452	543	758	1180	680	773	808	273	652	266	264
4	552	453	543	753	1220	665	726	822	271	598	254	248
5	576	452	546	734	1230	643	697	807	270	561	246	239
6	569	456	539	726	1190	630	673	766	268	570	237	234
7	561	460	533	724	1210	625	664	727	271	650	231	232
8	551	467	530	712	1250	622	660	695	266	595	227	231
9	548	475	531	709	1150	629	643	624	254	552	226	230
10	557	488	531	719	1030	648	606	541	246	501	225	228
11	564	496	533	707	933	659	570	494	243	473	226	230
12	568	500	532	672	865	661	541	483	241	545	223	239
13	568	500	545	631	813	658	515	496	240	642	220	252
14	568	502	549	607	777	686	499	482	239	737	218	264
15	566	521	555	637	748	734	509	453	252	797	226	282
16	552	537	587	663	715	789	530	431	327	820	245	293
17	525	550	608	693	694	833	528	408	413	771	276	298
18	497	555	622	756	691	839	522	390	627	776	291	299
19	479	564	635	806	690	812	505	391	623	786	311	300
20	470	572	651	845	695	805	484	390	523	698	355	305
21	463	579	652	875	699	841	463	384	498	575	340	335
22	459	584	653	895	696	840	444	377	538	496	321	385
23	456	589	654	927	694	778	426	370	605	454	305	397
24	452	592	647	1190	695	716	411	365	612	434	296	405
25	448	586	655	1350	714	695	402	354	533	409	300	413
26	447	573	681	1420	757	734	399	346	470	370	314	427
27	445	556	697	1350	787	768	413	336	496	340	351	464
28	442	551	719	1200	769	774	440	323	625	322	359	497
29	442	548	733	1100	---	776	489	313	672	321	361	526
30	443	544	731	1080	---	755	570	306	699	313	348	527
31	446	---	726	1060	---	727	---	298	---	291	319	---
TOTAL	15805	15596	18746	26739	25062	22456	16659	15527	12163	17484	8663	9621
MEAN	510	520	605	863	895	724	555	501	405	564	279	321
MAX	576	592	733	1420	1250	841	797	822	699	820	361	527
MIN	442	446	530	607	690	622	399	298	239	291	218	228
CFSM	.67	.69	.80	1.14	1.18	.96	.73	.66	.54	.75	.37	.42
IN.	.78	.77	.92	1.31	1.23	1.10	.82	.76	.60	.86	.43	.47

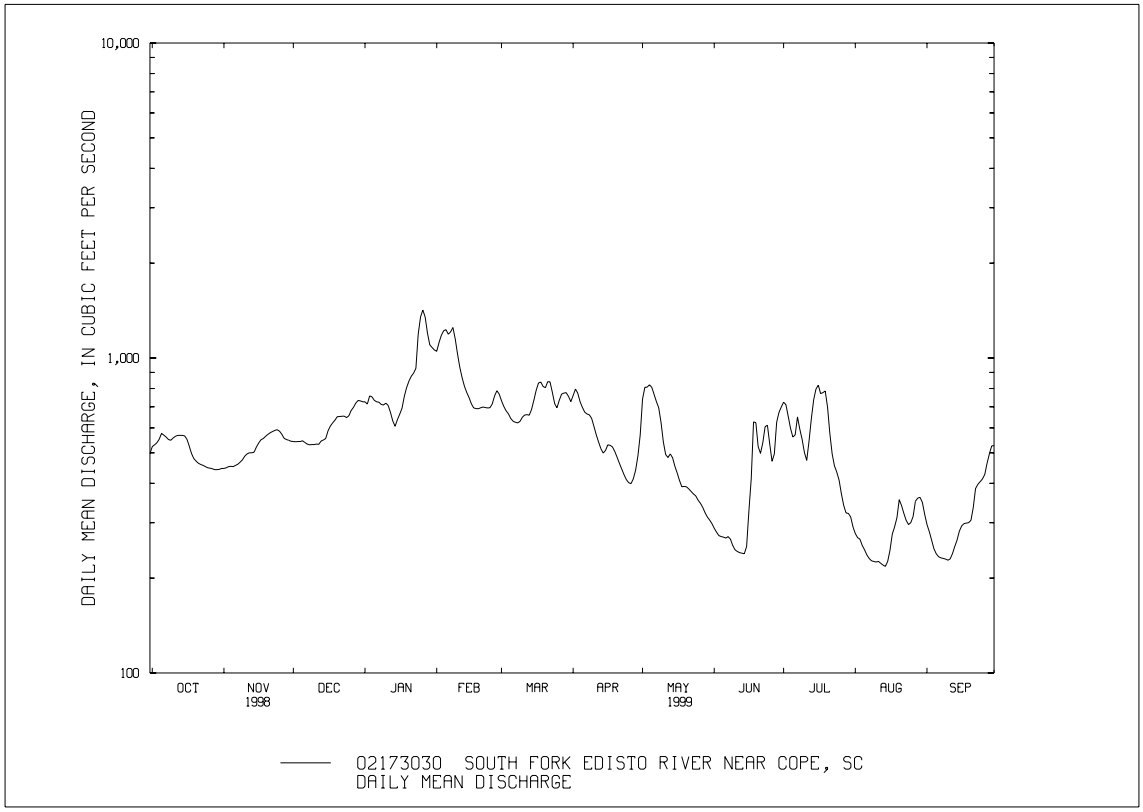
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1999, BY WATER YEAR (WY)

MEAN	691	778	905	1294	1298	1243	937	718	586	556	676	587
MAX	1058	1053	1253	2236	2236	2115	1690	1762	813	802	1420	957
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1991	1991	1995
MIN	507	520	605	840	844	724	555	457	405	421	279	321
(WY)	1994	1999	1999	1992	1992	1999	1999	1994	1999	1998	1999	1999

02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1991 - 1999	
ANNUAL TOTAL	410407		204521			
ANNUAL MEAN	1124		560		843	
HIGHEST ANNUAL MEAN					1226	1998
LOWEST ANNUAL MEAN					560	1999
HIGHEST DAILY MEAN	6510	May 9	1420	Jan 26	6510	May 9 1998
LOWEST DAILY MEAN	301	Jul 10	218	Aug 14	218	Aug 14 1999
ANNUAL SEVEN-DAY MINIMUM	315	Jul 5	223	Aug 9	223	Aug 9 1999
INSTANTANEOUS PEAK FLOW			1430	Jan 26	7610	* May 8 1998
INSTANTANEOUS PEAK STAGE			9.44	Jan 26	10.86	* May 8 1998
INSTANTANEOUS LOW FLOW			218	** Aug 13	217	Sep 9 1997
ANNUAL RUNOFF (CFSM)	1.49		.74		1.11	
ANNUAL RUNOFF (INCHES)	20.17		10.05		15.13	
10 PERCENT EXCEEDS	2280		805		1400	
50 PERCENT EXCEEDS	650		545		720	
90 PERCENT EXCEEDS	439		270		423	

* Also occurred May 9, 1998.
** Also occurred Aug. 14.



02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC

LOCATION.--Lat 33°20'13'', long 81°01'08'', Bamberg County, Hydrologic Unit 03050204, on downstream side of upstream bridge, on U.S. Highway 301/601, 3.0 mi north of Bamberg, and at mile 127.2.

DRAINAGE AREA.--807 mi^2.

PERIOD OF RECORD.--April 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 140 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	664	537	735	947	1400	971	968	1030	325	1090	334	347
2	664	541	678	945	1500	927	1060	1160	317	1080	322	323
3	678	547	681	1010	1560	895	1030	1130	309	1020	318	303
4	698	553	682	1010	1580	869	978	1080	304	940	305	283
5	737	556	683	978	1570	843	933	1080	305	863	289	272
6	742	561	680	952	1520	818	899	1030	303	831	275	265
7	741	574	674	945	1490	805	878	985	306	924	267	261
8	733	591	666	936	1530	792	870	937	302	925	261	269
9	713	605	662	927	1490	797	861	870	291	841	259	264
10	710	625	660	935	1370	823	817	759	280	753	254	259
11	723	639	663	934	1250	840	763	644	276	696	256	258
12	732	650	662	907	1150	846	707	600	274	812	250	265
13	736	656	670	856	1080	840	655	603	273	956	245	275
14	737	667	687	817	1030	874	620	608	272	1070	245	287
15	738	691	701	848	1000	921	623	572	287	1150	258	310
16	727	726	751	887	968	966	694	534	358	1240	278	328
17	698	751	776	909	937	1010	664	501	486	1160	310	327
18	658	763	794	973	925	1030	659	471	708	1060	334	331
19	621	775	808	1030	924	1010	639	464	917	1070	355	332
20	595	793	822	1070	926	994	609	464	805	1020	446	340
21	580	805	831	1110	931	1020	585	450	701	889	424	363
22	567	815	833	1140	927	1050	556	435	713	744	390	440
23	552	834	835	1220	924	1010	530	420	814	632	367	461
24	547	846	838	1520	914	944	509	410	883	582	345	472
25	540	852	875	1730	917	907	491	392	852	551	352	482
26	535	844	908	1800	952	959	484	374	701	496	355	495
27	533	823	917	1730	1000	996	493	361	680	433	398	545
28	529	804	932	1600	1010	1000	537	349	896	396	422	586
29	526	800	950	1460	---	998	594	340	1010	388	427	655
30	528	796	955	1380	---	985	756	334	1050	383	415	661
31	533	---	951	1370	---	951	---	330	---	358	382	---
TOTAL	20015	21020	23960	34876	32775	28691	21462	19717	15998	25353	10138	11059
MEAN	646	701	773	1125	1171	926	715	636	533	818	327	369
MAX	742	852	955	1800	1580	1050	1060	1160	1050	1240	446	661
MIN	526	537	660	817	914	792	484	330	272	358	245	258
CFSM	.80	.87	.96	1.39	1.45	1.15	.89	.79	.66	1.01	.41	.46
IN.	.92	.97	1.10	1.61	1.51	1.32	.99	.91	.74	1.17	.47	.51

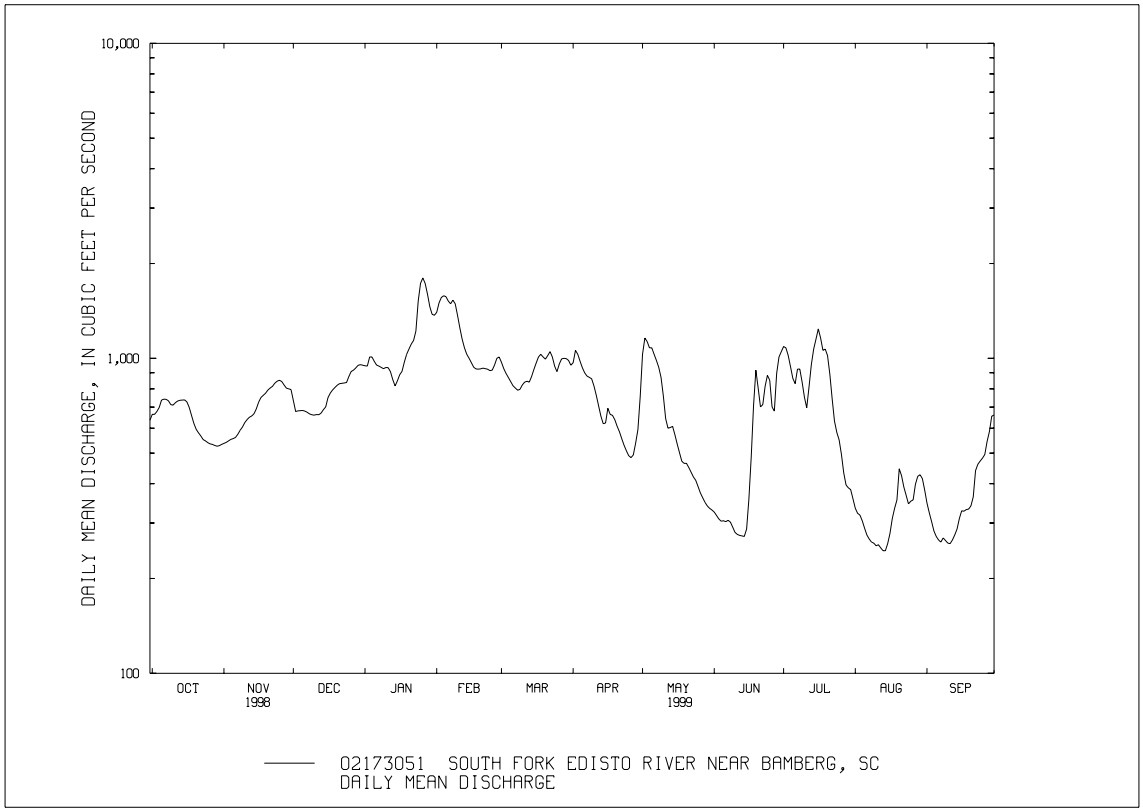
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1999, BY WATER YEAR (WY)

MEAN	946	1064	1254	1826	1760	1682	1245	1004	849	754	953	782
MAX	1480	1507	1752	3187	3038	2645	2085	2212	1190	1178	2270	1294
(WY)	1995	1993	1998	1993	1995	1998	1998	1998	1995	1991	1991	1995
MIN	591	701	773	1125	1171	926	715	613	533	527	327	369
(WY)	1994	1999	1999	1999	1999	1999	1999	1995	1999	1998	1999	1999

02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1991 - 1999	
ANNUAL TOTAL	522995		265064			
ANNUAL MEAN	1433		726		1144	
HIGHEST ANNUAL MEAN					1585	1998
LOWEST ANNUAL MEAN					726	1999
HIGHEST DAILY MEAN	8080	May 9	1800	Jan 26	8080	May 9 1998
LOWEST DAILY MEAN	336	Jul 10	245	Aug 13	234	Sep 9 1997
ANNUAL SEVEN-DAY MINIMUM	358	Jul 6	252	Aug 9	252	Aug 9 1999
INSTANTANEOUS PEAK FLOW			1820	Jan 26	8640	May 9 1998
INSTANTANEOUS PEAK STAGE			10.92	Jan 26	13.71	May 9 1998
INSTANTANEOUS LOW FLOW			242	* Aug 13	230	Sep 9 1997
ANNUAL RUNOFF (CFSM)	1.78		.90		1.42	
ANNUAL RUNOFF (INCHES)	24.11		12.22		19.26	
10 PERCENT EXCEEDS	2920		1060		1940	
50 PERCENT EXCEEDS	907		723		1010	
90 PERCENT EXCEEDS	533		306		503	

* Also occurred Aug. 14.



02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC

LOCATION.--Lat 33°29'00'', long 80°52'25'', Orangeburg County, Hydrologic Unit 03050203, on left bank, under bridge on U.S. Highway 301 at Orangeburg, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Caw Caw Swamp and at mile 22.1.

DRAINAGE AREA.--683 mi^2.

REVISED RECORDS.--WSP 1032: Drainage area.

PERIOD OF RECORD.--December 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 149.02 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. About 13 ft^3/s is diverted by City of Orangeburg for municipal supply.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft^3/s, from rating curve extended as described below, on basis of information from Department of Public Utilities, City of Orangeburg.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	518	453	555	696	941	648	797	997	317	983	285	297
2	520	453	555	671	1040	623	809	1030	311	927	272	282
3	521	457	549	754	1170	611	749	960	312	862	261	269
4	534	461	546	781	1200	603	724	873	317	748	253	259
5	538	467	542	788	1140	590	696	804	307	621	248	253
6	532	470	541	763	1060	579	680	808	301	518	242	248
7	532	474	537	742	1090	571	652	782	295	492	240	246
8	540	478	538	731	1090	558	610	678	287	494	239	260
9	539	484	535	734	978	560	584	591	279	477	235	261
10	530	492	532	730	889	581	582	545	273	491	231	255
11	527	498	532	701	816	585	571	530	267	530	225	255
12	527	499	530	668	763	585	550	511	266	637	228	272
13	532	499	531	643	724	e589	524	482	275	697	222	282
14	537	505	535	628	695	e610	498	458	302	637	223	280
15	527	516	552	684	674	e640	539	459	327	637	234	309
16	505	527	631	716	655	e680	547	449	357	642	267	359
17	489	539	670	732	641	654	518	433	588	637	316	360
18	479	548	685	782	636	648	487	436	657	628	368	353
19	475	562	692	852	638	646	469	455	590	598	425	354
20	471	575	687	876	647	665	457	436	553	530	549	355
21	463	584	672	879	685	654	442	418	580	470	407	391
22	456	585	663	858	718	608	432	410	643	462	358	469
23	450	576	640	870	705	586	416	410	693	463	327	471
24	449	568	606	1150	688	584	405	407	618	430	334	479
25	452	559	633	1390	690	656	402	396	501	390	378	481
26	451	551	696	1430	699	714	402	379	492	360	374	470
27	453	547	729	1270	691	734	430	366	625	335	364	469
28	456	551	741	1090	665	732	500	351	735	324	350	482
29	454	560	736	986	---	710	608	342	890	314	340	527
30	452	560	722	967	---	690	869	332	977	303	327	582
31	452	---	710	944	---	706	---	326	---	290	308	---
TOTAL	15361	15598	19023	26506	23028	19600	16949	16854	13935	16927	9430	10630
MEAN	496	520	614	855	822	632	565	544	464	546	304	354
MAX	540	585	741	1430	1200	734	869	1030	977	983	549	582
MIN	449	453	530	628	636	558	402	326	266	290	222	246
CFSM	.73	.76	.90	1.25	1.20	.93	.83	.80	.68	.80	.45	.52
IN.	.84	.85	1.04	1.44	1.25	1.07	.92	.92	.76	.92	.51	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

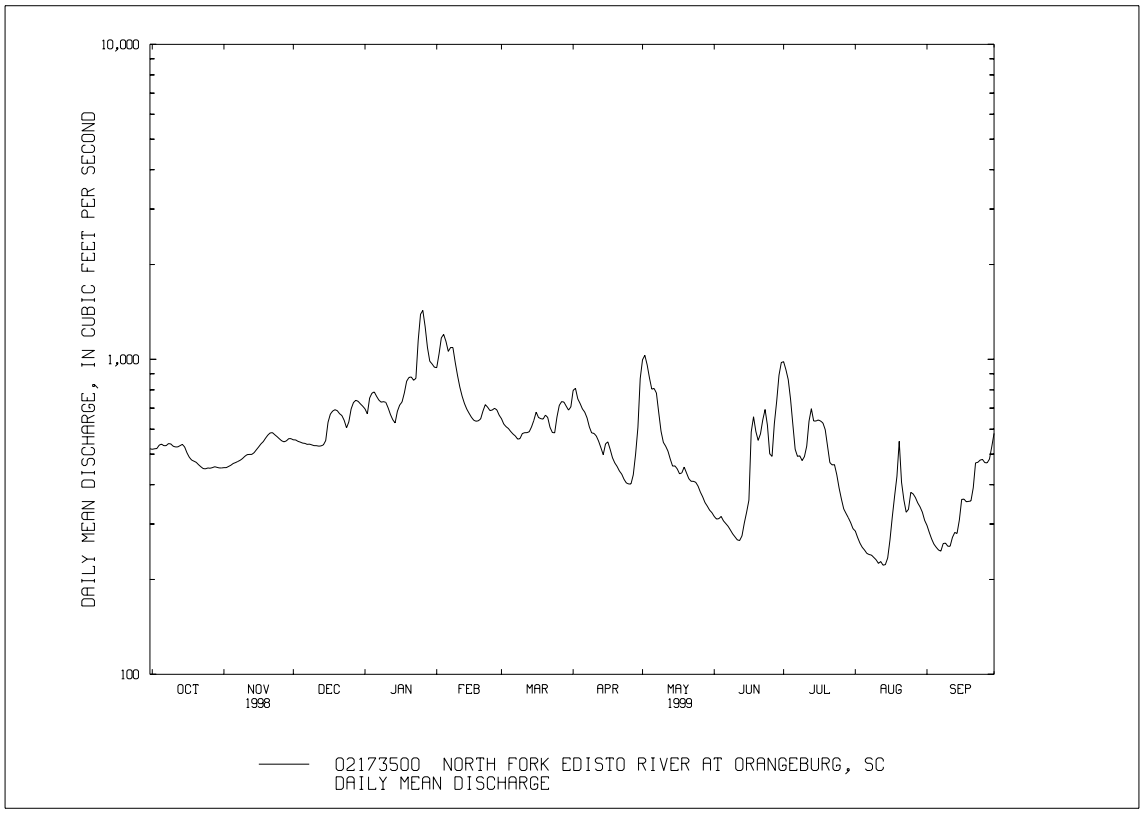
MEAN	644	664	799	955	1033	1102	952	705	642	619	657	627
MAX	2585	1467	1748	2208	2249	1949	1986	1447	1628	1426	1666	1904
(WY)	1965	1960	1949	1993	1960	1971	1961	1975	1973	1964	1991	1964
MIN	264	333	391	396	512	524	443	332	239	238	239	221
(WY)	1955	1955	1956	1956	1957	1955	1945	1941	1956	1986	1954	1954

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1939 - 1999	
ANNUAL TOTAL	357601		203841			
ANNUAL MEAN	980		558		784	
HIGHEST ANNUAL MEAN					1389	1965
LOWEST ANNUAL MEAN					437	1956
HIGHEST DAILY MEAN	2810	Mar 10	1430	Jan 26	8850	Sep 18 1945
LOWEST DAILY MEAN	403	Aug 31	222	Aug 13	190	Sep 13 1954
ANNUAL SEVEN-DAY MINIMUM	416	Aug 27	228	Aug 9	194	Sep 8 1954
INSTANTANEOUS PEAK FLOW			1460	Jan 26	* 9500	Sep 18 1945
INSTANTANEOUS PEAK STAGE			7.48	Jan 26	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW			220	** Aug 13	190	Sep 13 1954
ANNUAL RUNOFF (CFSM)	1.43		.82		1.15	
ANNUAL RUNOFF (INCHES)	19.48		11.10		15.59	
10 PERCENT EXCEEDS	1860		806		1290	
50 PERCENT EXCEEDS	692		538		676	
90 PERCENT EXCEEDS	462		293		384	

* From rating curve extended above 5,300 ft^3/s by velocity-area studies.
** Also occurred Aug. 14.

e Estimated



02174250 COW CASTLE CREEK NEAR BOWMAN, SC

LOCATION.--Lat 33°22'43'', long 80°42'00'', Orangeburg County, Hydrologic Unit 03050206, at bridge on county road, 1.1 mi, upstream from Buck Branch, and 3.2 mi northwest of Bowman.

DRAINAGE AREA.--23.4 mi^2.

PERIOD OF RECORD.--October 1971 to September 1981, October 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 125 ft above sea level (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	.86	2.3	4.4	29	8.6	11	149	3.2	2.8	.78	.79
2	1.6	.81	2.2	4.3	83	8.2	12	99	2.9	2.4	.69	.67
3	1.6	.87	2.2	17	50	8.5	10	56	3.3	2.2	.58	.58
4	1.6	1.1	2.2	12	38	7.8	8.8	38	3.1	2.1	.52	.49
5	1.7	1.2	2.2	8.2	31	7.4	8.0	29	2.6	1.8	.47	.42
6	1.6	1.2	2.2	6.9	26	7.3	7.3	26	2.4	1.6	.52	.36
7	1.8	1.0	2.1	6.3	23	7.0	7.1	24	2.3	1.8	.52	.33
8	2.9	1.1	1.8	5.8	20	6.7	6.6	20	2.2	4.4	.42	.91
9	3.0	1.3	1.8	5.5	18	7.8	6.4	16	2.1	2.5	.39	.93
10	2.3	1.4	2.0	5.1	16	8.4	5.9	13	2.0	1.9	.43	.75
11	1.9	1.4	1.9	4.8	15	7.8	5.4	12	2.0	2.4	.37	.60
12	1.7	1.3	2.0	4.7	14	7.2	4.9	11	1.9	9.6	.32	.80
13	1.7	1.3	2.3	4.8	13	7.0	4.3	11	1.8	5.7	.31	.76
14	2.7	1.8	2.2	4.3	12	11	4.1	10	1.8	4.7	1.2	.88
15	2.0	2.2	2.5	9.3	e12	16	4.9	8.9	1.8	3.9	1.2	4.7
16	1.5	2.4	3.3	9.6	e12	11	6.6	8.1	2.1	3.4	.81	13
17	1.7	2.5	2.5	8.0	e12	10	4.8	7.6	4.1	9.0	1.1	6.2
18	1.8	2.2	2.3	12	e12	9.2	4.3	7.0	3.5	4.9	.79	3.8
19	1.4	2.1	2.3	12	e12	8.4	4.0	7.7	2.4	3.5	1.0	3.0
20	1.2	1.9	2.2	9.8	e11	7.8	3.9	7.5	2.1	3.2	43	3.0
21	1.0	2.0	1.9	8.7	e11	8.8	3.6	6.2	2.0	2.8	9.9	2.9
22	.96	2.2	1.9	7.9	e11	9.3	3.5	5.9	1.9	2.3	4.8	2.3
23	1.9	2.3	1.9	11	e10	8.2	3.3	6.0	1.7	2.2	3.3	2.0
24	1.1	2.4	2.0	112	9.2	7.7	3.1	6.4	1.5	2.0	3.0	2.0
25	.97	2.4	3.0	60	9.0	8.4	3.1	5.6	1.9	1.8	4.7	1.9
26	.93	2.3	4.7	37	8.7	14	3.0	4.5	2.3	1.8	3.3	2.3
27	.98	1.9	7.0	28	8.4	13	4.0	4.3	3.2	1.5	2.1	7.9
28	.97	2.0	5.1	23	8.6	11	6.3	4.0	6.6	1.7	1.6	12
29	.90	2.7	9.4	20	---	9.8	5.1	3.7	4.5	1.2	1.4	10
30	.88	2.4	7.1	17	---	8.8	47	3.5	3.3	1.0	1.1	9.8
31	.84	---	4.9	16	---	8.6	---	3.4	---	.90	.88	---
TOTAL	49.03	52.54	93.4	495.4	534.9	280.7	212.3	614.3	78.5	93.00	91.50	96.07
MEAN	1.58	1.75	3.01	16.0	19.1	9.05	7.08	19.8	2.62	3.00	2.95	3.20
MAX	3.0	2.7	9.4	112	83	16	47	149	6.6	9.6	43	13
MIN	.84	.81	1.8	4.3	8.4	6.7	3.0	3.4	1.5	.90	.31	.33

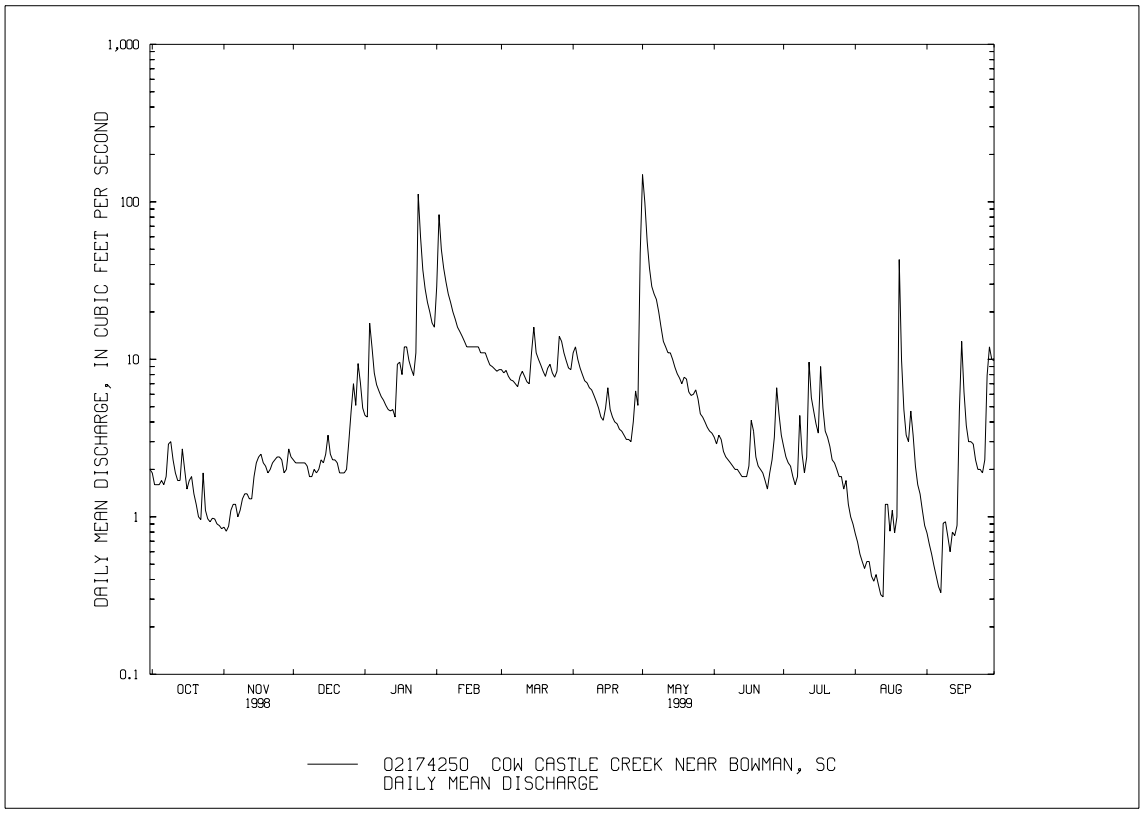
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1999, BY WATER YEAR (WY)

MEAN	5.44	8.19	20.8	38.3	52.0	44.5	23.7	17.9	14.6	13.9	9.34	8.86
MAX	25.0	31.3	81.9	114	145	113	63.6	56.1	67.6	40.3	53.0	67.3
(WY)	1996	1996	1998	1998	1973	1980	1973	1998	1973	1976	1971	1979
MIN	.87	1.14	2.20	3.43	8.49	6.77	2.83	2.36	2.41	.89	1.39	.51
(WY)	1979	1979	1981	1981	1981	1981	1981	1981	1977	1977	1996	1996

02174250 COW CASTLE CREEK NEAR BOWMAN, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1971 - 1999	
ANNUAL TOTAL	14417.53		2691.64			
ANNUAL MEAN	39.5		7.37		21.3	
HIGHEST ANNUAL MEAN					48.0	1998
LOWEST ANNUAL MEAN					5.94	1981
HIGHEST DAILY MEAN	496	Feb 4	149	May 1	625	Feb 15 1973
LOWEST DAILY MEAN	.59	Aug 8	.31	Aug 13	.21	Sep 24 1996
ANNUAL SEVEN-DAY MINIMUM	.73	Aug 2	.39	Aug 7	.25	Sep 23 1996
INSTANTANEOUS PEAK FLOW			179	May 1	2340	Sep 4 1979
INSTANTANEOUS PEAK STAGE			4.84	May 1	7.37	Sep 4 1979
10 PERCENT EXCEEDS	112		13		50	
50 PERCENT EXCEEDS	4.9		3.3		8.0	
90 PERCENT EXCEEDS	1.1		.92		1.7	

e Estimated



02175000 EDISTO RIVER NEAR GIVHANS, SC

LOCATION.--Lat 33°01'40'', long 80°23'30'', Dorchester County, Hydrologic Unit 03050205, on left bank at downstream side of bridge on State Highway 61, 2.3 mi downstream from Four Hole Swamp, 2.8 mi west of Givhans, and at mile 59.9.

DRAINAGE AREA.--2,730 mi^2, approximately.

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1303: 1939 (monthly and yearly runoff).

GAGE.--Data collection platform. Datum of gage is 20.46 ft above sea level.

REMARKS.--Records good except for those prior to April 23 which are fair, and estimated daily discharges, which are poor. About 60 ft^3/s diverted above station for municipal and industrial water supply during year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1904, 17.5 ft in February 1925, from investigation by Charleston Commissioners of Public Works, discharge, 24,900 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1030	819	1010	e1580	4220	1970	2010	1530	609	1220	595	601
2	1020	816	1000	e1590	4410	1960	2110	2300	591	1310	562	582
3	1000	816	1000	e1660	4540	1960	2160	2700	574	1380	532	555
4	999	816	1000	e1720	4630	1960	2150	2880	561	1390	499	531
5	1030	814	999	1750	4680	1920	2090	3040	543	e1350	483	510
6	1080	814	1000	1750	4700	1850	2070	3320	535	e1320	463	487
7	1060	814	1000	1760	4690	1760	2090	3660	530	1310	451	473
8	1110	813	999	1770	4600	1680	2100	4010	521	1380	439	463
9	1190	821	995	1780	4470	1620	2050	4190	513	1570	427	460
10	1190	833	989	1750	4450	1580	1930	4070	506	1820	416	462
11	1160	845	983	1720	4350	1550	1800	3750	500	1940	408	463
12	1120	851	976	1690	4190	1530	1690	3350	493	1950	403	456
13	1090	861	977	1660	4030	1520	1580	2960	484	1790	397	449
14	1070	871	980	1640	3820	1550	1450	2510	476	1550	400	451
15	1050	882	990	1650	3540	1640	1340	2080	471	1380	418	492
16	1050	894	1020	1660	3230	1690	1240	1830	474	1260	411	572
17	1040	903	1040	1640	2940	1720	1150	1640	510	1210	405	638
18	1030	914	1060	1660	2690	1760	1120	1450	537	1200	416	656
19	1020	933	1090	1720	2530	1790	1100	1290	589	1180	443	672
20	1000	952	1120	1750	2450	1810	1080	1160	690	1150	518	683
21	971	965	1190	1780	2350	1830	1050	1060	806	1070	555	691
22	935	977	1230	1800	2230	1860	1010	995	923	1060	607	706
23	903	994	1250	1860	2140	1880	960	946	990	e1160	699	713
24	884	1000	1270	2170	2080	1880	911	894	985	e1120	722	720
25	868	1010	1310	2660	2040	1890	880	847	982	e1050	675	764
26	854	1030	1410	2990	2020	2010	850	803	1040	e980	631	808
27	841	1040	1480	3160	2020	2080	819	769	1140	e920	620	875
28	834	1040	1500	3370	2000	2070	809	735	1240	e870	622	1010
29	829	1040	e1530	3640	---	2020	799	698	1210	e800	616	1250
30	826	1020	e1550	3880	---	1980	912	663	1150	709	617	1630
31	823	---	e1570	4060	---	1970	---	634	---	641	613	---
TOTAL	30907	27198	35518	65270	96040	56290	43310	62764	21173	39040	16063	19823
MEAN	997	907	1146	2105	3430	1816	1444	2025	706	1259	518	661
MAX	1190	1040	1570	4060	4700	2080	2160	4190	1240	1950	722	1630
MIN	823	813	976	1580	2000	1520	799	634	471	641	397	449
CFSM	.37	.33	.42	.77	1.26	.67	.53	.74	.26	.46	.19	.24
IN.	.42	.37	.48	.89	1.31	.77	.59	.86	.29	.53	.22	.27

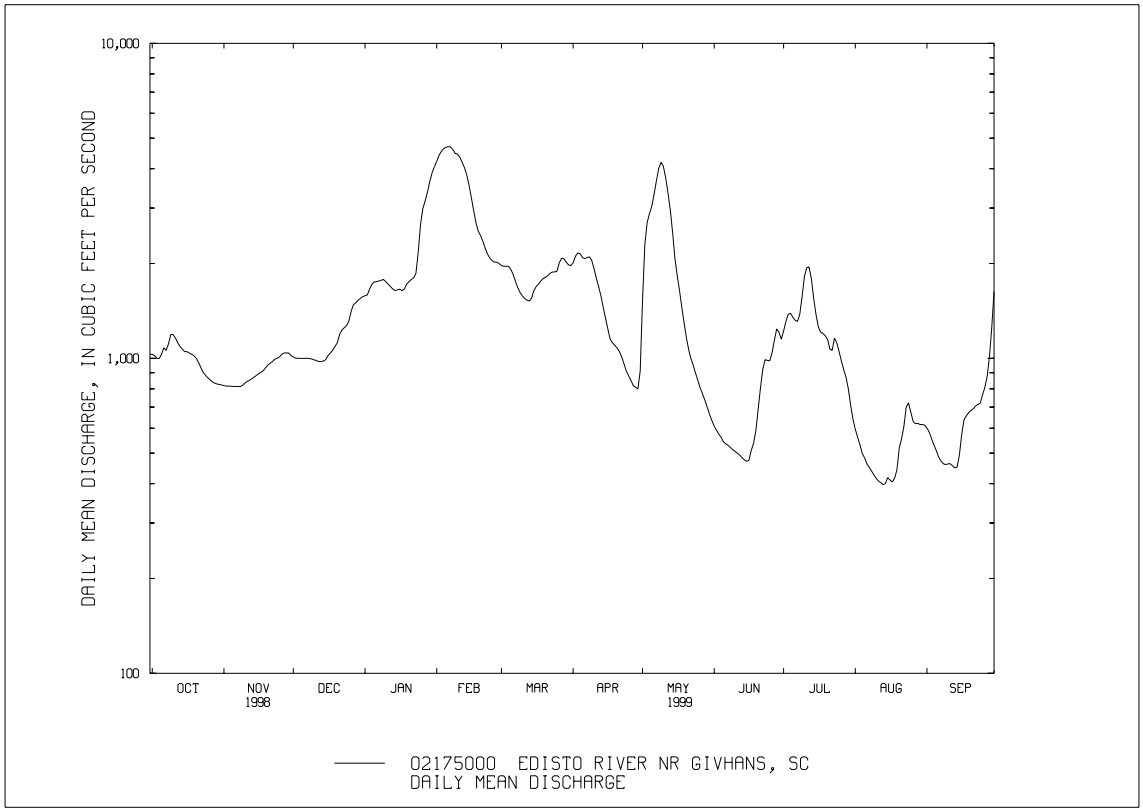
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

MEAN	1852	1630	2454	3359	4282	4767	3728	2220	1778	1703	1925	1912
MAX	13060	7657	10790	11100	12450	9984	8972	5857	9000	7902	8300	9478
(WY)	1965	1960	1949	1993	1998	1998	1961	1984	1973	1941	1991	1964
MIN	415	544	812	1096	1125	1171	1054	685	435	352	344	385
(WY)	1955	1955	1955	1956	1989	1955	1985	1985	1956	1988	1988	1954

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1939 - 1999	
ANNUAL TOTAL	1579679		513396			
ANNUAL MEAN	4328		1407		2631	
HIGHEST ANNUAL MEAN					5225	1960
LOWEST ANNUAL MEAN					1191	1955
HIGHEST DAILY MEAN	16200	Feb 9	4700	Feb 6	24100	Jun 14 1973
LOWEST DAILY MEAN	705	Sep 2	397	Aug 13	252	Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	736	Jul 8	406	Aug 11	257	Jul 11 1990
INSTANTANEOUS PEAK FLOW			4700	Feb 6	24500	Jun 14 1973
INSTANTANEOUS PEAK STAGE			9.49	Feb 6	15.84	Jun 14 1973
INSTANTANEOUS LOW FLOW			392	Aug 14	250	Jul 13 1990
ANNUAL RUNOFF (CFSM)	1.59		.52		.96	
ANNUAL RUNOFF (INCHES)	21.53		7.00		13.09	
10 PERCENT EXCEEDS	11200		2580		5470	
50 PERCENT EXCEEDS	1560		1060		1810	
90 PERCENT EXCEEDS	844		516		734	

e Estimated



02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

LOCATION.--Lat 32°59'20'', long 81°03'10'', Hampton County, Hydrologic Unit 03050207, on right bank, 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi^2.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 64.35 ft above sea level. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	208	156	234	367	460	265	316	421	80	397	66	79
2	210	158	234	316	570	261	305	514	78	448	62	67
3	220	162	234	354	642	258	326	577	76	425	56	60
4	240	167	233	386	696	251	317	605	77	322	49	56
5	258	172	234	387	724	245	307	538	74	218	47	53
6	257	175	238	424	675	244	279	481	76	150	45	50
7	263	180	239	433	613	243	243	405	71	150	43	48
8	277	186	238	406	530	238	226	335	66	212	44	50
9	314	192	237	357	449	242	255	276	61	285	43	55
10	323	195	236	316	391	254	310	242	57	258	42	55
11	287	196	236	290	362	262	374	217	60	231	42	55
12	257	198	234	273	347	273	401	189	67	276	39	53
13	233	204	238	264	338	274	372	169	65	340	36	49
14	211	209	242	263	328	282	325	163	62	518	38	46
15	192	213	250	312	314	297	250	153	76	664	70	55
16	178	220	279	340	304	310	199	146	e101	853	64	82
17	168	231	288	342	296	330	179	140	e168	661	70	82
18	164	243	290	405	305	346	193	134	e205	462	57	79
19	163	254	294	411	317	338	226	129	198	582	60	80
20	162	270	298	393	312	307	232	122	224	538	151	83
21	161	282	292	374	305	274	201	115	283	351	183	83
22	159	275	277	363	296	258	169	114	343	257	147	90
23	154	260	263	397	286	243	152	147	299	211	189	87
24	153	251	254	699	279	236	143	156	182	166	293	92
25	154	248	287	780	273	240	172	152	174	136	364	94
26	154	245	389	697	269	295	200	145	175	128	234	91
27	154	241	453	763	266	315	222	139	169	127	162	107
28	155	236	465	724	268	322	246	123	251	107	135	154
29	156	234	482	686	---	353	251	104	355	88	125	198
30	155	234	474	604	---	392	289	94	362	79	112	251
31	155	---	428	492	---	377	---	86	---	71	93	---
TOTAL	6295	6487	9070	13618	11215	8825	7680	7331	4535	9711	3161	2484
MEAN	203	216	293	439	401	285	256	236	151	313	102	82.8
MAX	323	282	482	780	724	392	401	605	362	853	364	251
MIN	153	156	233	263	266	236	143	86	57	71	36	46
CFSM	.60	.63	.86	1.29	1.17	.83	.75	.69	.44	.92	.30	.24
IN.	.69	.71	.99	1.49	1.22	.96	.84	.80	.49	1.06	.34	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1999, BY WATER YEAR (WY)

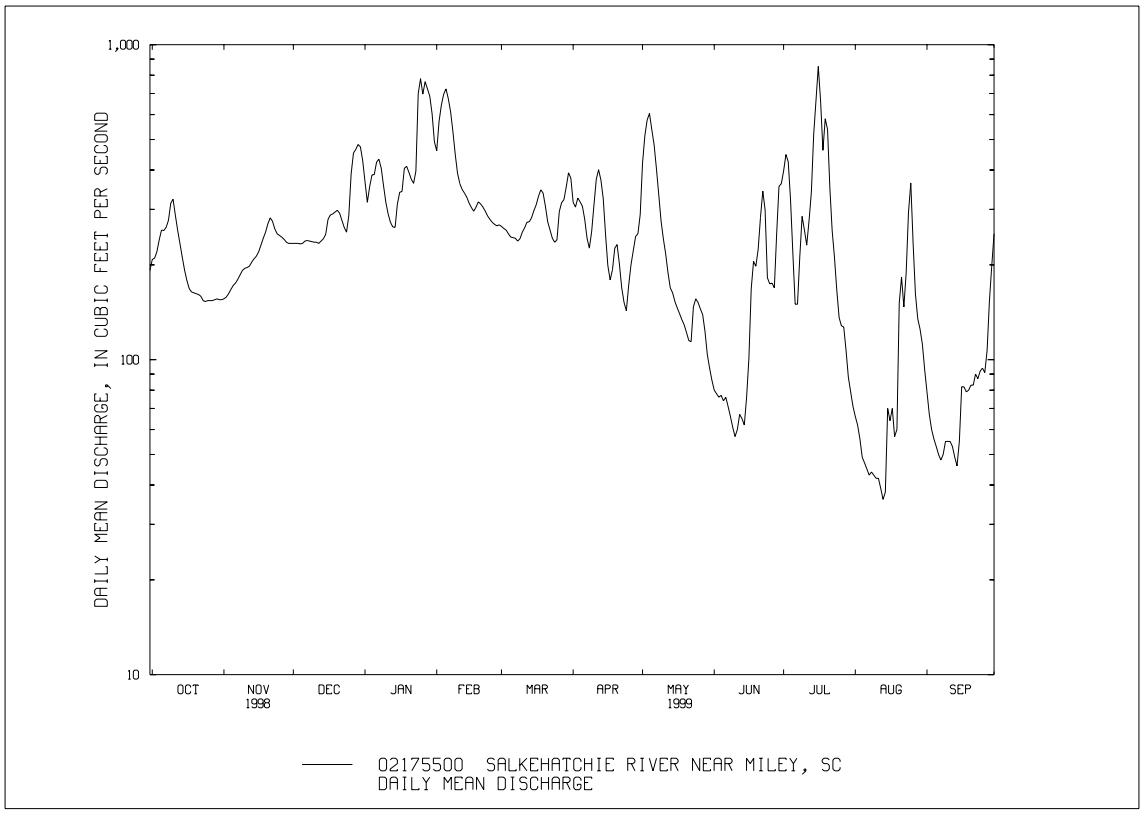
MEAN	266	286	391	473	539	562	429	288	253	224	249	225
MAX	1038	834	870	1166	1303	1224	990	766	866	877	1038	800
(WY)	1960	1993	1998	1993	1960	1980	1998	1984	1973	1975	1991	1964
MIN	68.2	130	200	188	196	214	157	92.0	66.1	47.0	48.6	44.1
(WY)	1955	1959	1955	1956	1957	1955	1968	1955	1988	1990	1954	1954

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1951 - 1999	
ANNUAL TOTAL	194816		90412			
ANNUAL MEAN	534		248		349	
HIGHEST ANNUAL MEAN					628	1960
LOWEST ANNUAL MEAN					186	1955
HIGHEST DAILY MEAN	2810	Mar 11	853	Jul 16	3390	Oct 10 1992
LOWEST DAILY MEAN	79	* Jul 9	36	Aug 13	18	Sep 13 1954
ANNUAL SEVEN-DAY MINIMUM	85	Jul 4	41	Aug 8	19	Jul 7 1990
INSTANTANEOUS PEAK FLOW			899	Jul 16	4360	Oct 9 1992
INSTANTANEOUS PEAK STAGE			4.01	Jul 16	5.79	Oct 9 1992
INSTANTANEOUS LOW FLOW					17	Sep 13 1954
ANNUAL RUNOFF (CFSM)	1.57		.73		1.02	
ANNUAL RUNOFF (INCHES)	21.25		9.86		13.92	
10 PERCENT EXCEEDS	1230		426		668	
50 PERCENT EXCEEDS	287		238		266	
90 PERCENT EXCEEDS	138		67		98	

* Also occurred Jul 10.

e Estimated



02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

LOCATION.--Lat 32°50'10'', long 81°07'55'', Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi^2.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 50.30 ft above sea level. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair except for those below 100 ft^3/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	4.8	29	55	189	67	39	33	.00	56	4.9	7.8
2	5.0	4.7	29	47	566	62	43	61	.00	65	3.5	5.0
3	5.7	4.8	30	94	709	59	53	76	.00	78	2.3	2.7
4	6.1	5.2	31	113	578	57	58	59	.00	69	1.2	1.4
5	6.3	5.4	31	122	412	50	50	38	.00	41	.37	.49
6	7.0	5.3	32	101	318	50	38	37	.00	32	.00	.00
7	14	5.4	33	83	254	49	32	48	.00	22	.00	.00
8	17	5.6	34	67	208	46	32	54	.00	23	.00	.00
9	18	6.6	36	59	176	48	42	42	.00	57	.00	.00
10	22	7.8	36	56	153	53	50	28	.00	64	.00	.00
11	22	8.3	37	50	137	57	31	18	.00	37	.00	.00
12	18	8.8	37	45	129	56	24	13	.00	42	.00	.00
13	13	9.4	39	42	125	52	15	9.6	.00	59	.00	.00
14	9.8	10	40	40	112	53	11	7.3	.00	60	.00	.00
15	8.0	11	42	61	104	59	8.1	5.8	.00	76	.00	.00
16	6.6	13	47	75	96	59	8.3	5.4	.00	84	.00	.00
17	5.8	15	47	93	93	57	8.3	4.9	4.3	93	.00	.00
18	5.3	15	49	149	95	53	7.5	3.8	2.3	315	.00	.00
19	4.5	15	48	158	97	48	6.2	2.7	2.5	316	.00	.00
20	3.7	17	48	135	101	41	5.2	2.3	15	213	11	.00
21	4.2	18	48	100	98	38	4.7	1.8	14	140	6.2	.00
22	5.3	20	47	78	89	39	3.6	1.7	8.7	93	2.6	.00
23	5.2	21	46	93	81	35	2.7	1.5	5.8	62	6.9	.00
24	4.6	22	45	359	74	35	2.2	.76	3.7	43	19	.02
25	4.2	23	55	671	70	34	4.4	.00	8.3	34	20	.19
26	5.0	24	91	569	68	42	3.8	.00	16	25	18	.80
27	5.3	25	112	352	66	51	3.0	.00	9.3	18	45	6.3
28	5.4	26	140	222	68	56	7.0	.00	13	15	38	30
29	5.1	27	128	163	---	54	6.8	.00	27	12	35	28
30	5.0	28	94	133	---	47	11	.00	45	9.1	20	30
31	4.8	---	70	114	---	41	---	.00	---	6.9	12	---
TOTAL	257.1	412.1	1631	4499	5266	1548	610.8	554.56	174.90	2260.0	245.97	112.70
MEAN	8.29	13.7	52.6	145	188	49.9	20.4	17.9	5.83	72.9	7.93	3.76
MAX	22	28	140	671	709	67	58	76	45	316	45	30
MIN	3.7	4.7	29	40	66	34	2.2	.00	.00	6.9	.00	.00
CFSM	.04	.07	.26	.71	.93	.25	.10	.09	.03	.36	.04	.02
IN.	.05	.08	.30	.82	.97	.28	.11	.10	.03	.41	.05	.02

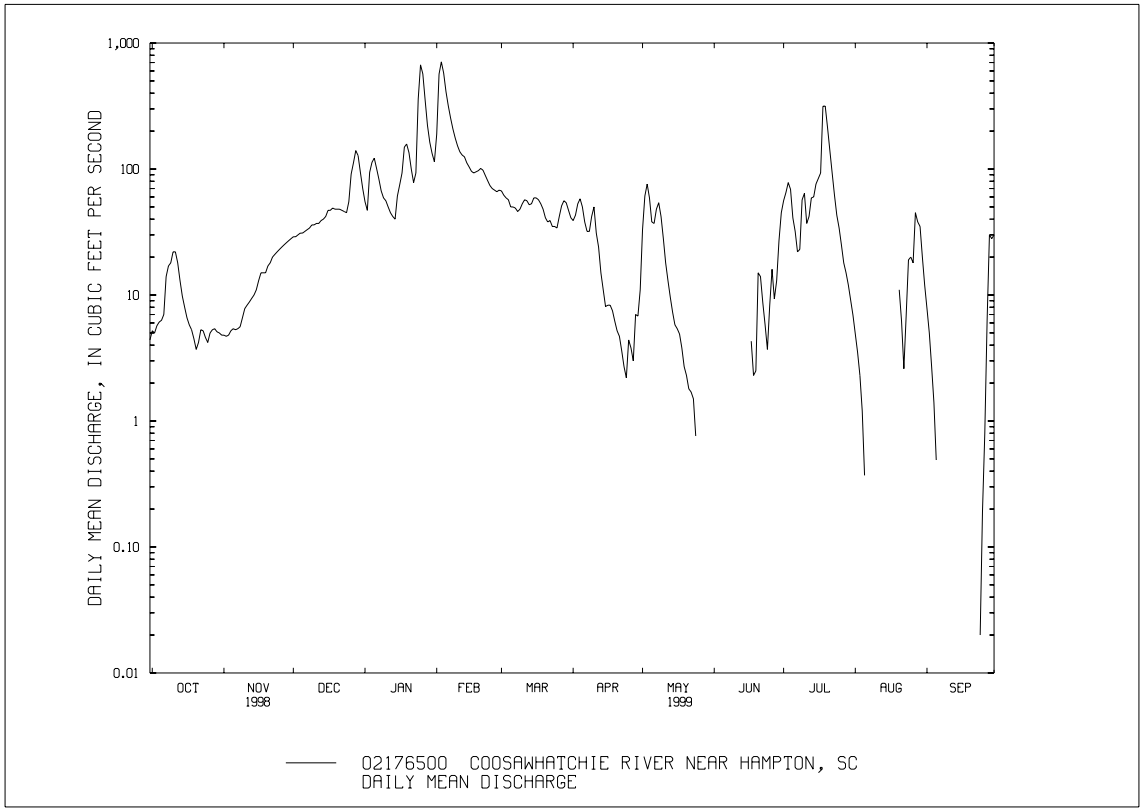
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1999, BY WATER YEAR (WY)

MEAN	100	90.2	165	277	371	389	246	120	115	105	119	112
MAX	832	467	679	717	1080	1044	595	398	608	744	773	965
(WY)	1965	1986	1998	1998	1998	1980	1973	1954	1973	1975	1991	1969
MIN	.000	.67	16.1	20.7	29.1	32.9	20.4	3.11	5.83	.061	.032	.000
(WY)	1955	1955	1955	1957	1957	1955	1999	1995	1999	1998	1954	1954

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1951 - 1999	
ANNUAL TOTAL	105652.86		17572.13			
ANNUAL MEAN	289		48.1		184	
HIGHEST ANNUAL MEAN					395	1991
LOWEST ANNUAL MEAN					38.2	1968
HIGHEST DAILY MEAN	2850	Mar 10	709	Feb 3	6590	Sep 2 1969
LOWEST DAILY MEAN	.00	Jun 30	.00 ***	May 25	.00 *	Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 30	.00	May 25	.00	Jun 29 1954
INSTANTANEOUS PEAK FLOW			740	Feb 3	8160	Sep 2 1969
INSTANTANEOUS PEAK STAGE			4.14	Feb 3	** 8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	1.43		.24		.91	
ANNUAL RUNOFF (INCHES)	19.36		3.22		12.33	
10 PERCENT EXCEEDS	880		101		485	
50 PERCENT EXCEEDS	31		22		77	
90 PERCENT EXCEEDS	.00		.00		3.3	

* No flow occurred many days, many years.
** From floodmarks.
*** Also occurred many days May, Jun., Aug., Sep.



02176585 BRICKYARD CREEK NEAR BEAUFORT, SC

LOCATION.--Lat 32°28'26'', long 80°41'34'', Beaufort County, Hydrologic Unit 03050208, on wood piling of channel marker #221 near main channel of Brickyard Creek (Intracoastal Waterway) near Beaufort Marine Corps Air Station. approximately 1.25 mi north of the confluence of Brickyard Creek and Albergotti Creek.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.96 ft, May. 16, 1999; minimum gage height, 9.51 ft, Jul. 11, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.96 ft, May 16; minimum gage height, 9.51 ft, Jul. 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.55	11.44	16.29	20.27	11.03	16.55	20.12	10.07	15.87	20.82	10.26	16.29
2	20.35	11.61	16.68	20.55	10.68	16.51	20.58	9.72	16.06	21.65	10.80	17.03
3	20.57	11.44	16.70	20.94	10.60	16.48	20.94	9.94	16.10	20.90	10.55	16.18
4	20.59	10.75	16.40	20.79	9.99	16.12	20.71	9.77	15.79	19.56	9.81	15.02
5	20.77	10.57	16.37	---	---	---	20.58	9.86	15.74	19.30	10.25	15.17
6	21.16	10.79	16.69	21.60	11.30	16.79	20.38	10.39	15.78	19.65	11.23	15.78
7	---	---	---	20.84	10.92	16.22	20.03	10.77	15.73	19.08	11.36	15.55
8	20.73	10.48	16.13	20.48	11.14	16.16	19.57	11.03	15.57	19.06	11.95	15.80
9	20.28	10.32	15.81	19.99	11.52	16.07	18.76	11.06	15.34	18.87	12.31	15.88
10	20.11	10.76	15.81	19.84	11.97	16.19	19.32	12.57	16.08	18.50	12.68	15.80
11	19.97	11.25	15.93	19.13	11.54	15.80	19.28	12.59	16.29	18.91	12.12	15.74
12	19.77	11.70	16.05	19.11	12.17	15.89	19.55	12.72	16.61	18.57	11.86	15.58
13	19.79	12.02	16.31	19.49	12.53	16.45	19.54	11.34	16.16	18.97	11.69	15.63
14	19.57	12.00	16.36	19.53	12.14	16.46	19.11	11.76	16.27	19.18	11.69	15.72
15	19.59	11.99	16.41	19.48	11.86	16.09	19.95	12.93	16.74	19.35	10.99	15.57
16	19.84	12.13	16.60	19.52	11.65	16.15	19.35	11.98	16.17	19.74	11.00	15.98
17	19.77	12.04	16.58	19.51	11.52	15.92	19.53	11.51	15.71	20.04	11.35	16.22
18	19.62	11.77	16.27	19.81	11.30	16.22	20.03	11.41	16.14	20.12	10.90	15.97
19	19.33	11.28	15.88	20.06	11.88	16.35	20.18	11.61	16.35	19.78	10.51	15.62
20	19.17	11.09	15.70	19.80	11.49	16.04	19.93	11.34	16.10	19.92	10.90	15.87
21	19.34	11.31	15.86	19.32	11.46	15.75	19.78	11.21	15.92	19.89	11.02	15.97
22	19.06	11.54	15.75	19.48	12.12	16.07	19.60	10.98	15.80	19.76	11.08	16.00
23	19.68	12.15	16.24	19.56	11.65	15.96	20.05	12.11	16.18	19.85	11.28	16.12
24	19.38	11.88	16.05	19.15	11.61	15.55	20.01	11.78	16.30	19.94	10.95	15.92
25	19.12	12.06	15.84	19.54	12.16	15.99	20.01	12.51	16.49	19.14	11.16	15.74
26	---	---	---	19.05	11.78	15.67	19.99	12.31	16.74	19.57	12.05	16.20
27	19.07	12.24	15.78	18.96	11.57	15.51	20.12	11.68	16.61	20.27	10.74	16.27
28	19.26	12.63	16.06	19.28	11.30	15.82	20.34	11.40	16.60	20.03	10.74	15.89
29	19.34	11.99	15.94	19.62	10.64	16.05	20.57	11.11	16.65	20.10	10.15	15.99
30	19.57	11.42	16.21	19.92	10.74	16.02	20.25	10.47	15.92	20.98	10.79	16.70
31	19.90	11.20	16.25	---	---	---	20.68	10.49	16.29	21.71	11.82	17.33
MONTH	21.16	10.32	16.17	21.60	9.99	16.10	20.94	9.72	16.13	21.71	9.81	15.95

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.69	12.36	17.42	19.95	10.31	15.80	19.50	10.92	15.86	21.02	12.89	17.11
2	20.83	11.04	16.50	20.41	11.02	16.44	19.75	10.81	15.74	20.82	12.91	17.27
3	20.28	10.95	16.16	20.63	10.64	16.07	19.79	11.40	16.00	20.40	12.53	16.75
4	19.58	10.93	15.89	19.50	10.13	15.17	19.53	11.89	16.07	20.15	12.44	16.52
5	19.52	11.96	16.02	19.45	11.37	15.94	19.98	11.58	16.12	20.05	12.60	16.53
6	19.19	12.22	16.18	19.40	11.75	15.90	20.19	12.94	16.82	19.58	12.47	16.19
7	18.82	12.45	15.99	18.84	11.64	15.52	19.41	12.47	16.03	19.57	12.20	15.99
8	18.43	12.62	15.68	18.71	12.98	16.17	18.81	12.32	15.71	18.95	12.07	15.70
9	19.20	13.20	16.41	19.29	12.67	16.36	19.00	12.60	15.96	18.81	11.80	15.85
10	19.23	12.90	16.38	18.55	13.13	16.10	18.87	12.04	15.97	19.27	11.66	16.12
11	19.63	12.60	16.49	19.25	13.13	16.50	20.01	12.17	16.87	19.96	11.94	16.58
12	19.45	10.71	16.02	19.25	12.97	16.45	19.96	11.29	16.36	20.49	11.40	16.80
13	18.87	10.36	15.35	19.48	12.99	16.72	20.81	11.72	17.15	20.92	10.75	16.60
14	19.90	11.14	16.26	20.61	12.57	17.20	21.05	11.22	16.91	21.51	10.44	16.56
15	20.22	11.20	16.24	19.46	10.77	15.82	21.45	11.04	17.03	21.83	10.74	16.71
16	20.20	10.88	16.17	20.28	11.22	16.41	20.63	9.72	15.73	21.96	11.13	16.97
17	20.34	10.67	16.17	20.20	10.62	16.14	20.58	9.72	15.67	21.90	11.40	17.01
18	20.45	10.79	16.30	20.24	10.23	15.92	20.35	9.66	15.53	21.85	11.41	16.99
19	20.91	11.32	16.61	20.75	10.13	16.03	20.20	10.07	15.46	21.48	11.52	16.65
20	20.60	11.85	16.76	20.81	10.63	16.13	20.14	10.43	15.37	20.86	11.74	16.63
21	20.71	11.70	16.75	20.81	10.01	15.99	19.51	10.66	15.49	20.51	11.97	16.53
22	20.49	12.23	16.76	19.69	10.62	15.59	19.84	11.40	15.82	20.02	11.92	16.39
23	20.63	12.37	16.88	19.92	10.94	15.77	19.52	11.38	15.73	19.52	11.78	16.26
24	20.53	11.92	16.80	19.71	11.34	15.71	19.60	10.99	16.03	---	---	---
25	20.63	11.43	16.82	19.37	11.37	15.74	20.16	12.63	17.03	19.43	11.47	15.92
26	20.11	11.43	16.73	19.83	12.47	16.47	19.88	12.02	16.65	19.51	11.69	16.00
27	20.65	11.74	16.76	19.84	11.74	16.44	19.95	11.89	16.50	19.90	11.35	16.11
28	20.44	11.13	16.13	19.72	11.28	16.11	20.23	11.88	16.70	19.80	11.63	16.15
29	---	---	---	19.74	10.98	16.05	20.54	12.32	16.82	19.61	11.57	15.94
30	---	---	---	20.13	11.08	16.31	20.60	12.61	16.97	19.76	11.49	15.87
31	---	---	---	20.25	11.48	16.52	---	---	---	19.77	11.79	16.01
MONTH	21.69	10.36	16.38	20.81	10.01	16.11	21.45	9.66	16.20	21.96	10.44	16.42

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.72	11.88	16.02	19.47	11.02	15.42	19.97	11.37	16.12	20.89	12.17	17.14
2	19.55	11.91	15.90	19.73	11.65	15.91	19.78	11.19	16.24	21.17	12.66	17.34
3	19.53	11.56	15.56	19.73	11.42	15.88	20.45	11.82	16.60	21.70	13.02	17.76
4	18.96	11.14	15.56	19.56	11.32	15.91	20.56	12.04	16.86	21.19	12.62	17.57
5	---	---	---	19.35	11.24	15.76	20.40	11.52	16.63	20.61	11.85	16.96
6	---	---	---	19.39	10.85	15.77	20.53	11.28	16.57	20.59	11.35	16.59
7	---	---	---	19.48	11.09	15.79	20.58	11.05	16.57	20.74	11.09	16.50
8	---	---	---	19.83	10.42	15.75	20.71	10.45	16.26	20.83	11.25	16.62
9	---	---	---	20.17	10.01	15.80	20.80	10.15	16.00	20.81	11.28	16.62
10	20.33	10.50	16.24	20.48	9.72	15.80	21.47	10.91	16.55	20.58	11.37	16.54
11	21.47	10.91	16.63	20.81	9.51	15.77	21.12	10.95	16.63	20.60	11.71	16.75
12	21.75	11.20	17.07	21.45	10.62	16.43	20.96	10.91	16.42	20.48	12.48	16.99
13	21.77	10.74	16.80	21.36	10.58	16.49	20.53	11.15	16.44	20.15	12.58	16.84
14	21.37	10.49	16.55	21.26	10.79	16.50	20.31	11.34	16.41	20.19	12.94	16.95
15	21.05	10.61	16.24	20.98	11.18	16.41	19.89	11.55	16.24	19.88	12.20	16.75
16	20.91	10.88	16.16	20.95	11.44	16.36	19.61	11.42	15.99	19.38	12.20	16.09
17	20.71	11.11	16.24	20.33	11.40	16.21	19.09	11.70	16.04	19.43	12.85	16.22
18	---	---	---	19.67	11.37	15.94	19.04	12.08	16.02	---	---	---
19	20.77	12.70	17.00	19.12	11.48	15.69	18.95	11.97	15.74	---	---	---
20	20.09	12.07	16.46	18.62	11.27	15.45	18.96	11.77	15.74	19.89	12.78	16.64
21	19.44	12.23	16.30	18.80	11.58	15.59	18.99	12.06	15.81	20.47	12.78	17.05
22	19.52	12.42	16.39	19.22	12.07	16.05	19.79	12.21	16.23	20.66	12.85	17.14
23	19.87	12.47	16.58	---	---	---	20.14	12.37	16.71	21.08	12.48	17.23
24	19.76	12.34	16.51	---	---	---	20.21	12.18	16.62	21.00	12.20	17.23
25	19.64	11.97	16.24	---	---	---	20.21	11.45	16.35	20.93	11.48	16.90
26	19.48	11.60	15.92	---	---	---	20.24	11.19	16.09	20.71	11.22	16.62
27	19.37	11.60	15.83	---	---	---	20.19	10.90	16.01	21.01	11.14	16.68
28	19.25	10.90	15.47	---	---	---	20.67	11.00	16.26	20.92	11.29	16.68
29	19.15	10.97	15.27	20.14	11.43	16.12	20.71	11.63	16.73	21.07	11.57	16.86
30	19.52	10.98	15.52	20.21	11.29	16.08	20.74	11.97	17.02	20.86	11.20	16.66
31	---	---	---	20.04	11.26	16.03	20.68	11.90	16.90	---	---	---
MONTH	21.77	10.49	16.19	21.45	9.51	15.96	21.47	10.15	16.35	21.70	11.09	16.85
YEAR	21.96	9.51	16.23									

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1998 to September 1999.

WATER TEMPERATURE: November 1998 to September 1999.

DISSOLVED OXYGEN: November 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 51,400 microsiemens, Jun. 22, 1999; minimum, 23,800 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 35.5°C, Aug. 1, 1999; minimum, 6.5°C, Jan. 6, 1999.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Jan. 5, 6 1999; minimum, 3.1 mg/L, Jul. 19, 20, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 51,400 microsiemens, Jun. 22; minimum, 23,800 microsiemens Jun. 29.

WATER TEMPERATURE: Maximum, 35.5°C, Aug. 1; minimum, 6.5°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Jan. 5, 6; minimum, 3.1 mg/L, Jul. 19, 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	49600	47600	48900	50600	48800	49800
2	---	---	---	---	---	---	49500	47400	48600	50800	48800	49800
3	---	---	---	---	---	---	49400	47300	48600	50500	47100	48400
4	---	---	---	---	---	---	49500	46500	48300	49800	47700	48600
5	---	---	---	---	---	---	---	---	---	50100	48300	49300
6	---	---	---	48700	45600	47300	---	---	---	50400	49200	49700
7	---	---	---	48700	45800	47500	---	---	---	50400	49400	49800
8	---	---	---	48800	46300	47700	---	---	---	50200	48600	49500
9	---	---	---	48700	46500	47700	---	---	---	49500	48300	48900
10	---	---	---	48600	46600	47600	---	---	---	49000	47800	48400
11	---	---	---	48000	44400	46700	---	---	---	49200	47900	48500
12	---	---	---	48000	44200	45700	---	---	---	49300	48200	48600
13	---	---	---	48100	43600	46500	---	---	---	49400	48200	48700
14	---	---	---	48700	44200	47000	---	---	---	49400	48000	48600
15	---	---	---	48900	46800	47900	---	---	---	49200	47600	48400
16	---	---	---	48900	45800	47600	---	---	---	49400	47900	48500
17	---	---	---	48800	46900	47900	---	---	---	49300	47700	48400
18	---	---	---	48900	47000	48000	---	---	---	49000	46900	48000
19	---	---	---	48900	47200	47900	---	---	---	48900	47100	47900
20	---	---	---	48800	47400	48000	---	---	---	48800	47200	48000
21	---	---	---	48800	47200	48100	---	---	---	48700	47100	47900
22	---	---	---	49100	47800	48300	---	---	---	48600	46800	47800
23	---	---	---	49200	46200	48100	50800	49700	50200	48500	45500	47500
24	---	---	---	49000	46800	48200	51000	50000	50400	47800	43200	45300
25	---	---	---	49000	46200	48000	51000	49300	50200	46600	44200	45100
26	---	---	---	49100	47900	48400	50500	48000	49200	46800	44200	45300
27	---	---	---	49500	48500	49000	50200	48200	49100	46900	43700	45100
28	---	---	---	49900	48100	49200	50100	48200	49200	46900	43600	45500
29	---	---	---	50000	48600	49400	50200	48600	49300	46900	43900	45700
30	---	---	---	49800	48300	49200	50300	48600	49400	47000	43600	45500
31	---	---	---	---	---	---	50500	48700	49700	47100	43800	45300
MONTH	---	---	---	50000	43600	47900	51000	46500	49300	50800	43200	47800

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	46800	42600	44700	46600	42000	44800	48400	45100	46900	47800	44800	45600
2	45800	41800	43600	47000	42500	45000	---	---	---	47600	44800	45700
3	45500	42200	43800	47200	42400	45100	---	---	---	47300	44800	45700
4	45300	42600	43900	47400	43300	46100	---	---	---	---	---	---
5	45200	42200	43700	47500	40900	45400	---	---	---	---	---	---
6	45200	42300	43600	47200	42100	45200	---	---	---	47500	45200	46200
7	45200	42600	43800	47000	42600	45000	---	---	---	47400	45300	46300
8	44800	42400	43700	46200	42400	44100	---	---	---	47400	45700	46600
9	44300	41400	42600	45200	42100	43400	---	---	---	47800	46100	46800
10	44200	40100	41900	44800	42600	43600	---	---	---	48100	46200	47000
11	44400	39900	41800	45600	42700	43800	49800	46000	48100	48700	45700	47200
12	44300	40000	41700	45100	42700	43700	49800	46200	48300	48700	45600	47300
13	44500	39900	42900	45800	42200	43700	50200	45900	48300	48700	45600	47300
14	45200	41000	43100	46300	41900	43900	49900	46500	48100	48900	45000	47200
15	45500	40600	43200	45700	40900	43700	48800	45400	47200	49200	45400	47200
16	45400	40200	43200	46300	41600	44300	48800	44400	47100	49200	45600	47500
17	45600	40200	43200	46800	42100	44600	49100	45000	47600	49200	45700	47500
18	45800	40400	43100	47100	42500	45200	49200	45600	47900	49200	45900	47600
19	45600	39300	42700	47300	42300	45300	49300	46300	48200	49100	46000	47600
20	45700	40200	42900	47300	42500	45400	49400	46600	48300	49100	46200	47600
21	45700	39700	43100	47400	43100	45400	49300	46900	48500	48900	46400	47500
22	45200	40400	42300	47300	43600	45800	49400	47400	48700	48700	46700	47700
23	45300	39600	42400	47600	43700	46000	49500	47800	48900	49300	47400	48300
24	45400	39100	42100	47600	44600	46200	49400	45700	48100	49700	48200	48900
25	45400	38700	42800	47700	44200	46400	49700	45700	47700	49200	47500	48400
26	45200	41000	43200	47900	42600	45600	49300	46100	47800	49400	47700	48600
27	46000	41200	43700	48000	43400	45900	49400	46000	48000	49800	47700	48800
28	46100	41600	44000	48100	44000	46000	49000	46900	47900	50000	47900	48900
29	---	---	---	48200	44200	46300	48900	46600	47500	50000	47900	48900
30	---	---	---	48300	44100	46300	48900	46300	47300	50200	48000	49100
31	---	---	---	48500	44900	46700	---	---	---	50200	48100	49200
MONTH	46800	38700	43100	48500	40900	45100	50200	44400	47900	50200	44800	47500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50300	48400	49300	43700	35400	38400	47200	41100	43800	47000	43800	45000
2	50300	48700	49500	43300	37800	39700	45700	39400	42500	47600	44200	45400
3	50400	47400	49600	43400	38600	40400	45800	38500	42300	48200	44700	46000
4	49600	46400	47700	43300	38900	41000	46400	41000	43400	48800	45500	46600
5	---	---	---	43800	39200	41800	47000	41300	44000	49600	46100	47500
6	---	---	---	44000	39100	42100	47600	42600	44900	50400	47400	48600
7	---	---	---	44400	39300	42200	48100	42800	45500	50500	47200	48800
8	---	---	---	44600	38300	42400	47600	42900	45500	49600	45800	47700
9	---	---	---	44700	37900	42400	46700	42300	45200	48600	44700	47000
10	50500	47800	49500	45200	38700	42800	47000	41500	44300	48700	45100	46600
11	50600	47100	48800	45100	38400	42800	48000	42400	45000	48600	44800	46800
12	50800	47600	49100	41300	35600	38800	48300	42200	45700	49700	47000	48100
13	51000	47900	49300	40800	35600	38000	48400	43100	45900	49700	47300	48200
14	51000	48000	49500	40800	36400	38500	48500	43500	46400	49800	47200	48000
15	51000	46900	49400	43900	36400	39300	48600	44300	46500	49900	44600	47200
16	51000	47000	48600	44100	36800	40000	48300	44500	46400	48100	44200	46700
17	50700	47500	48900	43600	37100	39900	48100	44700	46400	48200	45900	47200
18	50500	47800	49100	42900	36700	39800	48300	45100	46600	---	---	---
19	50700	47800	49300	42900	37200	40300	48000	44900	46700	---	---	---
20	50900	47500	49400	43200	37900	41000	47600	43300	45600	48800	45100	46500
21	51200	48200	49800	44000	37600	41100	46000	43100	44300	48000	44800	46200
22	51400	48700	50100	43900	37200	40500	45900	42900	44500	48300	44300	46000
23	50800	48700	49800	---	---	---	46900	43000	45100	48600	45800	46600
24	50900	49200	49900	---	---	---	48200	42400	45100	---	---	---
25	51000	48600	50100	---	---	---	48200	44400	46000	---	---	---
26	51000	48600	49600	---	---	---	48300	42500	45900	---	---	---
27	50900	49200	50000	---	---	---	48000	43900	45600	---	---	---
28	50200	46900	49100	---	---	---	47600	43600	45500	---	---	---
29	49400	23800	41100	47100	40200	43600	47600	43600	45000	---	---	---
30	43600	31500	36100	47600	41600	44700	47200	43700	45000	---	---	---
31	---	---	---	47700	41800	44900	46600	43400	44800	---	---	---
MONTH	51400	23800	48500	47700	35400	41100	48600	38500	45100	50500	43800	47000
YEAR	51400	23800	46200									

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	20.0	18.5	19.0	11.0	10.0	10.5
2	---	---	---	---	---	---	19.5	18.5	19.0	11.0	10.0	10.5
3	---	---	---	---	---	---	20.0	18.5	19.5	12.0	11.0	11.5
4	---	---	---	---	---	---	20.0	19.0	19.5	11.5	9.5	10.5
5	---	---	---	---	---	---	20.5	19.0	20.0	10.0	8.0	8.5
6	---	---	---	19.5	17.5	18.5	21.0	19.5	20.5	9.0	6.5	8.0
7	---	---	---	18.5	16.5	17.5	21.5	20.0	20.5	9.0	7.0	8.0
8	---	---	---	18.0	16.5	17.5	21.5	20.5	21.0	10.0	8.0	9.0
9	---	---	---	18.5	17.0	18.0	21.0	20.0	21.0	11.0	9.5	10.0
10	---	---	---	19.5	18.0	19.0	20.5	18.0	19.0	11.0	9.5	10.5
11	---	---	---	20.5	19.5	20.0	18.5	17.0	18.0	10.0	8.5	9.5
12	---	---	---	20.0	18.5	19.5	17.5	16.0	16.5	10.0	9.0	9.5
13	---	---	---	19.0	18.0	18.5	17.0	16.5	17.0	10.5	9.5	10.0
14	---	---	---	18.5	18.0	18.5	17.0	15.0	16.0	11.5	10.5	10.5
15	---	---	---	19.0	18.0	18.5	15.5	12.5	14.0	13.0	11.0	12.0
16	---	---	---	20.0	18.5	19.0	14.0	12.0	13.0	12.5	11.0	11.5
17	---	---	---	21.0	19.5	20.0	13.5	12.0	13.0	13.0	11.5	12.0
18	---	---	---	20.0	19.5	20.0	13.0	11.5	12.5	14.5	12.0	13.0
19	---	---	---	20.5	19.5	20.0	14.0	11.5	12.5	14.0	12.5	13.0
20	---	---	---	20.5	19.5	20.0	15.0	13.0	14.0	14.0	12.5	13.0
21	---	---	---	20.0	19.0	20.0	16.0	14.0	15.0	15.0	13.0	14.0
22	---	---	---	19.5	17.5	18.5	17.0	15.5	16.0	16.0	14.0	15.0
23	---	---	---	19.0	17.5	18.5	17.0	14.5	15.5	17.5	15.0	16.0
24	---	---	---	20.0	19.0	19.5	15.5	13.0	14.5	17.5	16.0	17.0
25	---	---	---	20.5	19.0	20.0	14.0	11.5	12.5	17.0	15.5	16.5
26	---	---	---	20.5	19.5	20.0	12.0	10.0	11.0	16.5	15.0	16.0
27	---	---	---	20.0	18.5	19.0	11.0	9.0	10.0	16.5	15.0	16.0
28	---	---	---	19.0	17.5	18.5	11.5	10.5	11.0	17.0	15.5	16.0
29	---	---	---	18.5	17.5	18.5	11.5	11.0	11.5	17.5	16.0	16.5
30	---	---	---	19.5	18.0	18.5	11.5	10.5	11.0	17.0	16.0	16.5
31	---	---	---	---	---	---	11.5	10.0	10.5	16.0	14.0	15.0
MONTH	---	---	---	21.0	16.5	19.0	21.5	9.0	15.6	17.5	6.5	12.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.0	13.0	13.5	14.0	12.5	13.0	19.0	17.0	18.0	18.0	16.0	16.5
2	14.5	13.5	14.0	15.0	12.5	13.5	21.5	18.0	19.0	18.5	15.5	16.5
3	15.0	13.5	14.0	14.5	13.5	14.0	22.5	19.0	20.5	20.5	17.0	18.5
4	16.5	14.5	15.0	13.5	11.0	12.5	23.5	20.5	21.5	22.0	18.5	20.0
5	16.0	14.5	15.0	14.0	12.0	13.0	23.5	21.0	22.0	22.0	20.0	20.5
6	16.0	14.0	15.0	15.0	12.5	14.0	23.0	21.0	22.0	23.5	20.5	21.5
7	17.0	15.0	16.0	15.5	13.5	14.5	23.5	21.5	22.5	24.0	21.5	22.5
8	17.5	16.0	16.5	15.0	12.0	13.5	24.5	22.0	23.0	24.5	22.0	23.0
9	18.0	16.0	17.0	13.5	12.0	13.0	24.0	23.0	23.0	25.5	22.5	24.0
10	17.5	17.0	17.5	14.5	12.0	13.0	24.5	22.5	23.0	25.5	23.5	24.5
11	18.5	17.0	17.5	14.0	12.0	13.5	25.0	23.0	23.5	25.0	24.0	24.5
12	18.5	17.0	18.0	14.0	12.0	13.5	24.0	22.5	23.5	24.5	23.5	24.0
13	17.5	14.0	16.0	14.0	12.5	13.5	23.0	21.5	22.0	25.5	23.0	24.0
14	14.5	12.5	13.5	14.0	13.5	14.0	23.0	21.0	21.5	26.0	24.0	24.5
15	14.0	12.5	13.5	14.0	12.5	13.5	22.5	21.5	22.0	24.5	23.0	23.5
16	15.0	12.5	13.5	15.0	12.5	13.0	22.0	21.0	21.5	25.0	22.5	23.5
17	15.5	13.5	14.5	15.5	13.0	14.0	21.0	19.5	20.0	25.0	23.0	23.5
18	17.0	15.0	15.5	17.0	14.0	15.0	20.0	18.0	19.0	26.0	23.5	24.5
19	17.0	15.5	16.0	17.5	15.0	16.0	20.5	18.0	19.5	26.5	24.0	25.0
20	16.5	14.5	15.5	17.0	15.5	16.5	22.0	18.5	20.0	27.5	24.5	25.5
21	16.0	14.5	15.0	17.5	16.0	16.5	23.5	20.0	21.0	27.5	25.0	26.0
22	14.5	11.5	13.0	18.0	15.5	16.5	23.5	21.0	22.0	27.0	25.0	26.0
23	13.0	11.0	12.0	19.0	16.0	17.0	24.5	22.0	23.0	27.0	25.0	26.0
24	12.0	10.5	11.0	19.5	17.0	18.0	24.0	23.0	23.5	26.5	25.5	26.0
25	12.5	10.5	11.5	19.5	18.0	18.5	23.5	21.5	22.5	27.5	25.5	26.0
26	13.0	11.5	12.0	19.0	16.5	18.0	23.0	21.5	22.0	28.0	26.0	26.5
27	15.0	12.0	13.0	17.5	15.5	16.5	25.0	22.5	23.5	27.5	26.0	26.5
28	15.0	13.0	13.5	18.0	16.0	16.5	25.0	23.5	24.0	28.0	26.0	26.5
29	---	---	---	18.0	16.5	17.0	23.5	21.0	22.0	28.5	26.0	27.0
30	---	---	---	18.0	17.0	17.5	21.5	17.5	19.0	28.0	26.0	26.5
31	---	---	---	17.5	17.0	17.0	---	---	---	27.5	25.5	26.5
MONTH	18.5	10.5	14.6	19.5	11.0	15.0	25.0	17.0	21.6	28.5	15.5	23.9

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	25.5	27.0	27.5	25.5	26.5	35.5	32.5	33.5	28.0	26.0	27.5
2	29.0	26.0	27.5	29.5	26.0	27.0	34.5	33.0	33.5	28.5	26.0	27.5
3	29.0	26.5	27.5	30.0	27.5	28.0	34.0	32.0	33.0	28.5	26.5	27.5
4	30.0	26.5	27.5	31.0	28.0	29.0	33.0	31.0	32.0	29.0	27.0	28.0
5	---	---	---	32.0	28.5	30.0	32.5	31.0	32.0	29.0	27.5	28.0
6	---	---	---	30.5	29.5	30.0	32.5	31.0	32.0	29.0	28.0	28.5
7	---	---	---	30.5	29.0	29.5	33.0	31.5	32.0	30.5	28.0	29.0
8	---	---	---	31.0	29.0	30.0	33.0	31.0	32.0	30.5	28.5	29.0
9	---	---	---	31.5	29.5	30.5	32.5	30.5	31.5	31.0	28.5	29.5
10	29.5	28.0	28.5	31.5	29.5	30.5	32.5	30.5	31.5	30.0	28.5	29.0
11	28.5	27.5	28.0	31.5	29.0	30.0	33.0	30.5	31.5	30.0	28.5	29.0
12	29.0	27.5	28.0	30.0	29.0	29.5	33.5	31.0	32.0	29.0	27.5	28.0
13	30.0	27.0	28.0	29.5	28.5	29.0	33.5	31.5	32.5	28.5	26.0	27.5
14	29.0	28.0	28.5	30.5	28.0	28.5	33.0	31.0	32.0	28.0	26.0	27.0
15	30.0	28.0	28.5	30.5	28.5	29.0	33.5	31.0	32.0	27.5	23.5	25.5
16	31.0	28.5	29.0	29.5	28.5	29.0	32.5	31.0	32.0	25.5	22.5	24.0
17	29.5	28.5	29.0	30.5	28.0	29.0	32.5	30.5	31.5	25.5	23.5	24.5
18	29.5	27.0	28.5	31.0	28.5	29.5	32.5	30.0	31.5	---	---	---
19	28.5	25.0	26.5	31.5	29.0	30.0	32.0	30.5	31.5	---	---	---
20	26.0	24.5	25.5	32.0	29.0	30.5	31.5	29.5	30.5	24.0	23.0	23.5
21	26.5	24.0	25.0	32.0	29.5	31.0	31.0	29.0	30.0	24.5	23.5	24.0
22	27.0	25.0	26.0	33.0	30.5	31.5	31.5	29.5	30.5	24.5	23.0	24.0
23	27.5	25.5	26.5	---	---	---	30.5	29.5	30.0	24.0	22.5	23.5
24	28.0	26.5	27.0	---	---	---	30.0	29.0	29.5	23.5	22.5	23.0
25	28.0	27.0	27.0	---	---	---	31.0	29.0	29.5	25.0	22.5	23.5
26	28.5	26.5	27.0	---	---	---	30.5	29.5	30.0	25.0	24.0	24.5
27	28.5	27.0	27.5	---	---	---	31.5	29.0	30.0	25.0	24.5	24.5
28	27.0	26.5	27.0	---	---	---	31.5	29.5	30.5	25.5	24.5	25.0
29	26.5	24.0	25.5	33.5	32.0	32.5	30.5	28.5	29.5	26.5	24.5	25.5
30	26.5	24.0	25.0	34.5	31.5	32.5	29.5	27.0	28.5	26.0	25.0	25.5
31	---	---	---	34.5	31.5	33.0	29.0	26.5	27.5	---	---	---
MONTH	31.0	24.0	27.2	34.5	25.5	29.8	35.5	26.5	31.1	31.0	22.5	26.3
YEAR	35.5	6.5	21.3									

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	7.9	7.0	7.5	10.2	9.4	9.8
2	---	---	---	---	---	---	8.0	7.0	7.3	10.2	9.6	9.9
3	---	---	---	---	---	---	7.8	6.9	7.3	10.1	9.5	9.8
4	---	---	---	---	---	---	7.6	6.6	7.1	10.5	9.7	10.1
5	---	---	---	---	---	---	7.6	6.5	7.0	11.1	9.9	10.5
6	---	---	---	8.3	7.3	7.7	7.9	6.5	7.1	11.1	10.0	10.6
7	---	---	---	8.6	7.6	7.9	8.1	6.7	7.3	10.7	10.0	10.5
8	---	---	---	8.6	7.7	8.1	8.2	6.9	7.5	10.4	9.6	10.0
9	---	---	---	8.5	7.7	8.0	8.5	7.0	7.7	9.6	9.1	9.3
10	---	---	---	8.3	7.4	7.9	8.7	7.5	8.0	9.8	8.9	9.4
11	---	---	---	8.1	7.4	7.8	8.8	7.8	8.3	10.1	9.5	9.8
12	---	---	---	8.1	7.1	7.7	8.7	8.1	8.5	10.2	9.8	10.0
13	---	---	---	8.2	7.4	7.7	8.4	7.7	8.0	10.3	9.8	10.0
14	---	---	---	7.7	7.1	7.4	8.7	7.8	8.1	10.3	9.7	10.0
15	---	---	---	7.4	6.7	7.1	9.6	8.2	8.9	10.0	9.4	9.8
16	---	---	---	7.2	6.4	6.8	10.0	8.9	9.4	10.3	9.5	9.9
17	---	---	---	7.3	6.3	6.7	10.4	9.0	9.7	10.3	9.5	10.0
18	---	---	---	7.6	6.4	6.9	10.5	9.3	10.0	10.2	9.3	9.7
19	---	---	---	7.6	6.7	7.1	10.4	9.4	10.0	10.2	9.2	9.7
20	---	---	---	7.6	6.4	7.1	10.1	9.2	9.7	10.4	9.5	9.9
21	---	---	---	8.1	6.7	7.3	10.0	8.9	9.6	9.9	9.2	9.6
22	---	---	---	8.4	7.2	7.8	10.2	8.8	9.5	9.7	9.0	9.4
23	---	---	---	8.7	7.4	8.0	10.0	9.3	9.6	9.4	8.7	9.0
24	---	---	---	8.5	7.5	8.0	9.5	8.9	9.2	8.8	8.2	8.5
25	---	---	---	8.6	7.2	7.9	9.8	9.0	9.4	8.8	7.9	8.4
26	---	---	---	8.4	7.2	7.9	10.2	9.3	9.8	8.7	8.0	8.4
27	---	---	---	8.5	7.5	8.1	10.2	9.5	9.9	8.6	8.1	8.3
28	---	---	---	8.2	7.0	7.6	10.1	9.5	9.8	8.5	7.8	8.1
29	---	---	---	7.8	7.0	7.3	9.7	9.1	9.4	8.3	7.6	7.9
30	---	---	---	7.8	6.7	7.2	10.1	9.1	9.6	8.1	7.6	7.9
31	---	---	---	---	---	---	10.2	9.4	9.8	8.4	7.6	8.0
MONTH	---	---	---	8.7	6.3	7.6	10.5	6.5	8.7	11.1	7.6	9.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.7	8.2	8.4	9.5	8.5	9.0	8.3	7.3	7.8	8.6	7.5	8.2
2	8.6	8.1	8.3	9.5	8.6	9.0	8.7	7.0	7.8	9.3	8.0	8.6
3	8.9	8.0	8.4	9.4	8.6	9.1	9.1	7.1	7.9	9.8	8.0	8.8
4	9.0	8.2	8.5	9.9	8.9	9.4	8.8	7.2	7.9	9.9	8.0	8.8
5	9.3	8.2	8.6	10.0	9.1	9.5	8.5	6.8	7.7	9.2	7.9	8.5
6	9.5	8.4	8.9	9.9	9.0	9.5	8.0	6.8	7.4	8.7	7.3	8.0
7	9.3	8.3	8.9	9.9	8.8	9.4	8.2	6.7	7.4	8.2	7.0	7.7
8	9.1	8.3	8.7	10.1	9.2	9.5	7.9	6.5	7.3	7.9	6.5	7.4
9	8.8	8.1	8.5	9.9	9.2	9.5	7.5	6.5	7.2	7.5	6.5	7.1
10	9.1	8.0	8.6	9.7	8.9	9.4	7.6	6.2	7.1	7.3	6.2	6.8
11	8.9	8.2	8.7	9.6	9.0	9.4	7.8	6.7	7.2	7.5	6.1	6.8
12	8.8	8.1	8.4	9.6	9.1	9.4	7.9	6.6	7.3	6.9	5.9	6.5
13	9.2	8.2	8.6	9.6	9.2	9.4	8.2	6.8	7.5	7.0	5.6	6.2
14	9.8	8.7	9.2	9.4	8.6	9.1	8.2	6.9	7.4	7.1	5.6	6.3
15	9.8	8.9	9.3	9.4	8.5	8.9	8.0	6.6	7.3	7.4	6.0	6.5
16	9.7	8.9	9.3	9.9	8.6	9.1	8.7	6.7	7.6	7.8	5.9	6.6
17	9.6	8.8	9.1	10.1	8.7	9.3	---	---	---	7.8	6.1	6.8
18	9.2	8.6	8.9	9.9	8.8	9.3	---	---	---	8.0	6.0	6.8
19	9.1	8.3	8.7	9.7	8.6	9.1	---	---	---	7.7	6.1	6.7
20	9.5	8.5	8.9	9.5	8.5	9.0	---	---	---	7.8	5.8	6.5
21	9.3	8.6	8.9	9.2	8.3	8.7	---	---	---	7.6	6.0	6.4
22	9.9	9.0	9.4	9.5	8.2	8.7	8.7	6.9	7.7	6.9	5.9	6.5
23	10.0	9.5	9.7	9.5	8.3	8.8	8.4	7.1	7.9	7.1	5.7	6.4
24	10.3	9.6	9.9	9.0	8.2	8.7	7.9	6.8	7.5	7.0	5.9	6.3
25	10.2	9.7	10.0	8.7	7.8	8.4	7.4	6.5	7.0	6.8	5.3	6.0
26	9.9	9.3	9.6	8.2	7.3	7.7	7.4	6.3	6.7	6.7	5.4	5.9
27	9.7	8.8	9.3	8.7	7.3	7.9	7.7	6.2	6.7	6.3	4.8	5.4
28	9.3	8.6	9.0	8.9	7.6	8.2	7.0	5.9	6.5	6.8	4.5	5.4
29	---	---	---	8.8	7.8	8.2	7.1	6.0	6.5	5.7	3.8	4.7
30	---	---	---	8.8	7.6	8.1	7.7	6.6	7.1	5.8	3.7	4.6
31	---	---	---	8.4	7.3	7.9	---	---	---	5.9	3.9	4.8
MONTH	10.3	8.0	9.0	10.1	7.3	8.9	9.1	5.9	7.3	9.9	3.7	6.7

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.9	4.1	4.9	6.5	5.1	5.8	7.5	3.7	5.3	8.0	5.4	6.5
2	6.1	4.1	5.0	7.2	4.9	5.9	6.7	3.6	4.8	8.0	5.9	7.2
3	5.6	4.1	4.9	8.1	5.1	6.2	7.2	3.6	5.2	7.7	5.7	6.8
4	5.4	4.0	4.6	9.2	5.5	6.8	7.4	4.2	5.7	7.6	5.7	6.5
5	---	---	---	9.2	5.8	7.1	6.7	4.3	5.5	7.1	5.4	6.2
6	---	---	---	7.8	5.8	6.8	6.1	4.2	5.2	6.8	4.8	5.9
7	---	---	---	7.5	5.3	6.4	6.0	4.4	5.2	6.8	4.4	5.6
8	---	---	---	7.2	5.4	6.4	---	---	---	6.1	3.8	5.1
9	---	---	---	7.4	5.1	6.1	---	---	---	6.9	4.4	5.3
10	5.3	4.1	4.7	6.4	4.9	5.5	---	---	---	---	---	---
11	5.7	3.7	4.7	6.3	4.5	5.2	---	---	---	---	---	---
12	6.8	4.7	5.5	5.4	3.8	4.5	7.4	3.8	5.5	---	---	---
13	7.4	4.9	5.8	5.1	3.5	4.2	7.9	4.2	5.9	---	---	---
14	7.0	4.9	5.8	5.4	3.2	4.1	8.2	4.2	5.8	---	---	---
15	7.1	4.9	5.9	7.2	3.5	4.9	8.2	4.0	5.6	7.7	5.5	6.9
16	6.8	4.9	5.6	5.2	3.8	4.4	7.0	4.0	5.2	8.2	6.5	7.3
17	6.1	4.3	5.0	6.7	3.3	4.5	6.8	3.3	4.5	8.1	5.7	6.7
18	6.9	4.4	5.4	6.9	3.2	4.5	5.8	3.3	4.2	---	---	---
19	6.6	5.3	5.9	6.3	3.1	4.3	---	---	---	---	---	---
20	6.3	5.2	5.7	6.4	3.1	4.3	---	---	---	5.7	5.0	5.3
21	6.4	5.1	5.6	7.0	3.4	4.8	---	---	---	6.0	4.8	5.4
22	6.6	5.1	5.8	5.9	3.6	4.8	---	---	---	6.7	5.1	5.9
23	6.7	5.6	6.1	---	---	---	---	---	---	7.3	5.4	6.4
24	7.2	5.4	6.1	---	---	---	---	---	---	7.7	5.6	6.8
25	6.8	5.0	5.6	---	---	---	6.5	3.6	4.7	8.0	5.5	6.9
26	6.6	4.9	5.6	---	---	---	6.3	3.9	4.8	7.8	5.2	6.6
27	6.4	4.7	5.5	---	---	---	6.9	3.6	4.9	6.6	4.6	5.9
28	6.1	4.9	5.3	---	---	---	7.4	3.5	5.1	5.9	4.5	5.3
29	6.6	4.7	5.7	7.4	3.9	5.4	5.8	4.0	4.8	6.5	4.3	5.3
30	6.3	5.2	5.8	7.9	3.3	5.2	7.5	4.5	5.4	7.4	4.7	5.8
31	---	---	---	7.6	3.8	5.3	8.0	4.9	6.0	---	---	---
MONTH	7.4	3.7	5.5	9.2	3.1	5.3	8.2	3.3	5.2	8.2	3.8	6.2
YEAR	11.1	3.1	7.4									

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC

LOCATION.--Lat 32°27'11'', long 80°42'07'', Beaufort County, Hydrologic Unit 03050208, on boat dock at Beaufort Marine Corps Air Station on Albergotti Creek, approximately 0.75 mi upstream of the confluence of Albergotti Creek and Brickyard Creek.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.72 ft, May 16, 1999; minimum gage height, 3.58 ft, Apr. 16, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.72 ft, May 16; minimum gage height, 3.58 ft, Apr. 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.58	5.47	10.27	---	---	---	13.96	3.96	9.65	14.68	4.13	10.10
2	14.36	5.61	10.66	---	---	---	14.42	3.70	9.73	15.44	4.64	10.82
3	14.59	5.52	10.68	---	---	---	14.69	3.72	9.79	14.79	4.46	10.02
4	14.64	4.80	10.39	---	---	---	14.47	3.66	9.49	13.46	3.78	8.91
5	---	---	---	---	---	---	14.33	3.70	9.44	13.15	4.19	9.05
6	---	---	---	---	---	---	14.12	4.15	9.47	13.54	5.14	9.66
7	---	---	---	---	---	---	13.78	4.47	9.42	12.99	5.29	9.45
8	---	---	---	---	---	---	13.36	4.80	9.31	12.98	5.89	9.70
9	---	---	---	---	---	---	12.51	4.83	9.08	12.75	6.25	9.77
10	---	---	---	---	---	---	13.05	6.34	9.80	12.36	6.59	9.69
11	---	---	---	---	---	---	13.00	6.37	10.01	12.81	6.03	9.61
12	---	---	---	---	---	---	13.25	6.50	10.32	12.46	5.78	9.44
13	---	---	---	13.19	6.25	10.12	13.28	5.13	9.87	12.82	5.58	9.49
14	---	---	---	13.23	5.87	10.15	12.84	5.47	9.98	13.02	5.58	9.56
15	---	---	---	13.21	5.58	9.78	13.67	6.69	10.45	13.20	4.85	9.40
16	---	---	---	13.24	5.37	9.83	13.15	5.74	9.89	13.58	4.85	9.78
17	---	---	---	13.25	5.25	9.61	13.28	5.29	9.44	13.86	5.20	10.01
18	---	---	---	13.54	5.02	9.90	13.76	5.18	9.85	13.95	4.71	9.75
19	---	---	---	13.77	5.62	10.03	13.87	5.36	10.05	13.61	4.33	9.40
20	---	---	---	13.52	5.21	9.73	13.66	5.09	9.81	13.71	4.70	9.64
21	---	---	---	13.02	5.18	9.45	13.51	4.94	9.62	13.67	4.80	9.73
22	---	---	---	13.17	5.83	9.76	13.34	4.73	9.50	13.56	4.88	9.76
23	---	---	---	13.28	5.36	9.65	13.75	5.85	9.88	13.64	5.07	9.88
24	---	---	---	12.85	5.33	9.25	13.76	5.56	10.02	13.75	4.75	9.71
25	---	---	---	13.23	5.88	9.67	13.76	6.28	10.21	12.98	4.97	9.52
26	---	---	---	12.75	5.51	9.38	13.77	6.10	10.47	13.38	5.88	9.97
27	---	---	---	12.75	5.39	9.30	13.90	5.49	10.35	14.08	4.56	10.04
28	---	---	---	13.06	5.12	9.59	14.15	5.21	10.35	13.87	4.56	9.67
29	---	---	---	13.42	4.46	9.83	14.38	5.00	10.41	13.93	4.01	9.75
30	---	---	---	13.73	4.63	9.80	14.11	4.35	9.72	14.79	4.60	10.46
31	---	---	---	---	---	---	14.53	4.35	10.08	15.51	5.64	11.09
MONTH	14.64	4.80	10.50	13.77	4.46	9.71	14.69	3.66	9.85	15.51	3.78	9.77

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.47	6.18	11.17	13.71	4.10	9.53	13.27	4.66	9.58	14.75	6.65	10.81
2	14.65	4.86	10.27	14.17	4.80	10.15	13.51	4.59	9.47	14.58	6.67	10.98
3	14.12	4.77	9.93	14.41	4.45	9.81	13.53	5.17	9.72	14.09	6.29	10.46
4	13.45	4.73	9.68	13.24	3.89	8.92	13.24	5.65	9.79	13.90	6.18	10.23
5	13.33	5.77	9.79	13.19	5.12	9.66	13.67	5.34	9.85	13.81	6.34	10.24
6	12.98	6.03	9.95	13.14	5.51	9.62	13.87	6.71	10.53	13.26	6.23	9.91
7	12.63	6.25	9.77	12.57	5.43	9.26	13.16	6.23	9.73	13.31	5.98	9.71
8	12.22	6.43	9.46	12.43	6.75	9.90	---	---	---	12.67	5.81	9.43
9	12.98	7.02	10.18	13.00	6.43	10.08	12.75	6.37	9.69	12.56	5.55	9.58
10	13.01	6.70	10.15	12.27	6.89	9.83	12.62	5.79	9.70	13.00	5.43	9.84
11	13.42	6.41	10.26	13.00	6.89	10.22	13.76	5.94	10.57	13.70	5.70	10.31
12	13.25	4.61	9.79	12.97	6.73	10.16	13.75	5.06	10.09	14.26	5.14	10.51
13	12.67	4.22	9.14	13.21	6.75	10.44	14.60	5.46	10.86	14.73	4.52	10.31
14	13.69	4.96	10.01	14.37	6.36	10.89	14.83	5.01	10.62	15.29	4.25	10.27
15	14.00	5.01	9.99	13.21	4.55	9.50	15.19	4.98	10.73	15.59	4.51	10.42
16	13.99	4.70	9.93	14.05	5.00	10.15	14.42	3.58	9.48	15.72	4.92	10.67
17	14.13	4.51	9.91	13.96	4.48	9.87	14.38	3.59	9.41	15.64	5.14	10.71
18	14.25	4.58	10.04	14.01	4.04	9.66	14.12	3.61	9.27	15.59	5.17	10.69
19	14.67	5.09	10.33	14.52	3.93	9.77	13.95	3.87	9.18	15.25	5.27	10.36
20	14.37	5.63	10.48	14.57	4.42	9.85	13.90	4.22	9.11	14.63	5.54	10.35
21	14.48	5.47	10.47	14.57	3.86	9.70	13.26	4.46	9.22	14.29	5.74	10.25
22	14.23	5.96	10.49	13.47	4.41	9.32	13.59	5.20	9.54	13.80	5.67	10.11
23	14.37	6.15	10.60	13.69	4.69	9.44	13.27	5.14	9.45	13.30	5.54	9.97
24	14.28	5.69	10.52	13.47	5.09	9.44	13.30	4.78	9.75	12.99	5.40	9.78
25	14.39	5.17	10.52	13.11	5.15	9.47	13.90	6.40	10.73	13.37	5.40	9.81
26	13.88	5.17	10.44	13.56	6.24	10.18	13.63	5.78	10.35	13.50	5.64	9.89
27	14.40	5.49	10.47	13.59	5.52	10.16	13.69	5.66	10.21	13.82	5.28	10.00
28	14.23	4.85	9.86	13.48	5.10	9.84	13.98	5.60	10.40	13.72	5.59	10.03
29	---	---	---	13.48	4.73	9.77	14.27	6.10	10.52	13.53	5.50	9.83
30	---	---	---	13.87	4.86	10.03	14.32	6.36	10.68	13.65	5.42	9.75
31	---	---	---	14.00	5.25	10.24	---	---	---	13.69	5.70	9.90
MONTH	15.47	4.22	10.13	14.57	3.86	9.83	15.19	3.58	9.94	15.72	4.25	10.16

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.64	5.81	9.90	13.42	4.96	9.35	13.97	5.32	10.08	14.85	6.13	11.05
2	13.49	5.84	9.79	13.67	5.58	9.83	13.79	5.17	10.19	15.17	6.65	11.25
3	13.47	5.49	9.46	13.69	5.35	9.81	14.42	5.81	10.54	15.64	7.00	11.67
4	12.81	4.94	9.46	13.51	5.26	9.83	14.55	6.02	10.80	15.21	6.60	11.49
5	13.22	6.11	10.16	13.31	5.18	9.70	14.39	5.50	10.57	14.63	5.80	10.89
6	13.44	5.99	10.06	13.32	4.79	9.70	14.52	5.25	10.51	14.61	5.32	10.52
7	13.23	5.84	10.03	13.43	5.01	9.72	14.59	5.03	10.50	14.74	5.07	10.43
8	13.62	5.54	10.14	13.81	4.34	9.69	14.68	4.41	10.20	14.83	5.24	10.55
9	13.73	4.88	10.00	14.15	3.98	9.72	14.81	4.15	9.94	14.81	5.25	10.56
10	14.27	4.42	10.10	14.48	3.80	9.69	15.48	4.84	10.47	14.58	5.36	10.48
11	15.36	4.82	10.51	14.76	3.68	9.66	15.12	4.90	10.56	14.59	5.69	10.68
12	15.65	5.10	10.93	15.38	4.57	10.31	14.95	4.86	10.35	14.44	6.45	10.92
13	15.66	4.66	10.66	15.31	4.50	10.37	14.54	5.12	10.37	14.12	6.57	10.77
14	15.29	4.44	10.41	15.20	4.72	10.38	14.26	5.30	10.34	14.16	6.92	10.89
15	14.96	4.67	10.12	14.94	5.12	10.32	13.87	5.54	10.17	13.86	6.34	10.78
16	14.62	4.80	10.02	14.92	5.39	10.26	13.58	5.39	9.93	13.50	6.23	10.08
17	14.63	5.02	9.96	14.31	5.33	10.12	13.07	5.66	9.97	13.40	6.88	10.18
18	14.52	5.81	10.65	13.64	5.28	9.86	13.02	6.03	9.95	13.29	7.10	10.39
19	14.68	6.61	10.92	13.07	5.40	9.61	12.91	5.94	9.67	13.27	7.06	10.41
20	14.02	5.97	10.32	12.59	5.18	9.38	12.91	5.71	9.67	13.86	6.78	10.59
21	13.36	6.16	10.16	12.74	5.52	9.52	12.97	6.02	9.75	14.44	6.78	11.00
22	13.44	6.32	10.28	13.17	5.99	9.98	13.74	6.17	10.16	14.67	6.88	11.10
23	13.76	6.37	10.47	13.24	6.08	9.98	14.07	6.37	10.63	15.07	6.46	11.18
24	13.66	6.24	10.37	13.43	5.71	9.87	14.19	6.14	10.55	15.02	6.19	11.18
25	13.58	5.88	10.11	13.46	5.62	9.75	14.18	5.42	10.28	14.97	5.50	10.85
26	13.39	5.50	9.79	13.68	5.51	9.75	14.24	5.17	10.04	14.72	5.20	10.59
27	13.31	5.52	9.71	14.13	5.41	9.82	14.18	4.87	9.96	15.03	5.14	10.65
28	13.17	5.30	9.36	14.28	5.55	10.15	14.64	5.04	10.20	14.95	5.28	10.65
29	13.10	4.88	9.24	14.17	5.42	10.07	14.68	5.66	10.66	15.11	5.56	10.82
30	13.48	4.89	9.46	14.23	5.25	10.04	14.75	5.94	10.94	14.89	5.21	10.63
31	---	---	---	14.04	5.22	9.98	14.66	5.86	10.83	---	---	---
MONTH	15.66	4.42	10.09	15.38	3.68	9.88	15.48	4.15	10.28	15.64	5.07	10.77
YEAR	15.72	3.58	10.05									

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1998 to September 1999.

WATER TEMPERATURE: November 1998 to September 1999.

DISSOLVED OXYGEN: November 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 50,800 microsiemens, Dec. 18, 19, 24, 1998; minimum, 3,740 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 36.0°C, Aug. 1, 1999; minimum, 6.0°C, Jan. 6, 7, 1999.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 6, 1999; minimum, 1.9 mg/L, Jun. 29, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 50,800 microsiemens, Dec. 18, 19, 24; minimum, 3,740 microsiemens Jun. 29.

WATER TEMPERATURE: Maximum, 36.0°C, Aug. 1; minimum, 6.0°C, Jan. 6, 7.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 6; minimum, 1.9 mg/L, Jun. 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	50000	48700	49300	50200	48300	49300
2	---	---	---	---	---	---	50000	48200	49300	50300	48400	49300
3	---	---	---	---	---	---	50100	48800	49400	49300	43100	46800
4	---	---	---	---	---	---	50200	48800	49500	49100	43600	47200
5	---	---	---	---	---	---	50200	48900	49500	49400	45200	48100
6	---	---	---	---	---	---	50200	48800	49500	49600	47200	48700
7	---	---	---	---	---	---	50100	48900	49400	49600	47500	48700
8	---	---	---	---	---	---	50000	48900	49400	49600	47600	48800
9	---	---	---	---	---	---	50000	49000	49600	49500	47200	48500
10	---	---	---	---	---	---	50200	49500	49900	49100	47400	48400
11	---	---	---	---	---	---	50300	49400	50000	49200	47400	48300
12	---	---	---	---	---	---	50400	49400	50000	49200	47300	48400
13	---	---	---	49300	47700	48500	50200	48500	49500	49400	47200	48400
14	---	---	---	49400	47900	48600	50000	49000	49600	49300	47100	48300
15	---	---	---	49500	47900	48600	50200	48800	49600	49200	46700	48100
16	---	---	---	49600	47800	48600	50300	47900	49400	49200	46900	48200
17	---	---	---	49600	47800	48700	50400	48300	49600	49300	47200	48300
18	---	---	---	49700	47800	48800	50800	48900	50100	49000	46300	47700
19	---	---	---	49700	47700	48700	50800	49300	50100	48700	46200	47500
20	---	---	---	49600	48100	48700	50600	49000	49900	49300	46800	48100
21	---	---	---	49500	48100	48800	50500	48500	49700	49300	47400	48400
22	---	---	---	49700	48600	49000	50400	48800	49700	49200	47300	48300
23	---	---	---	49800	48400	49000	50500	49300	49900	49200	43400	47700
24	---	---	---	49600	47700	48700	50800	49800	50200	48400	34700	43400
25	---	---	---	49600	47800	48700	50600	48500	49800	46800	36600	43500
26	---	---	---	49500	47900	48700	50100	44100	47700	47200	40700	44800
27	---	---	---	49600	48400	49000	49600	45100	47800	47400	42000	45200
28	---	---	---	49800	48800	49400	49500	45800	48100	47500	41700	45600
29	---	---	---	49900	48900	49500	49700	46100	48400	47700	42900	46100
30	---	---	---	50000	48900	49400	49800	46700	48700	47700	44600	46300
31	---	---	---	---	---	---	50100	47700	49200	47700	45000	46200
MONTH	---	---	---	50000	47700	48900	50800	44100	49400	50300	34700	47400

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	47200	40200	45100	45900	42200	44300	48100	45500	46700	---	---	---
2	46100	39100	43200	46200	43300	44700	48500	45700	47000	---	---	---
3	45900	39600	43600	46400	43200	44600	48600	46000	47200	---	---	---
4	45700	40400	43700	46800	43800	45100	48700	46200	47300	---	---	---
5	45900	41700	44100	46700	44000	45500	---	---	---	---	---	---
6	45700	42200	44000	46600	43400	44800	---	---	---	---	---	---
7	45600	42200	44000	45900	43600	44700	---	---	---	---	---	---
8	45500	42400	44100	45700	42900	44400	---	---	---	---	---	---
9	45500	42400	43700	44800	42600	43500	---	---	---	---	---	---
10	44700	41900	42900	44600	43100	43700	---	---	---	47300	44300	46100
11	44400	41400	42400	45100	43200	44000	---	---	---	---	---	---
12	44100	41200	42300	45100	43100	44000	---	---	---	---	---	---
13	44600	41100	43200	45200	43000	44000	---	---	---	---	---	---
14	45600	42300	44000	45500	42100	43500	---	---	---	---	---	---
15	45700	42500	43800	45200	42000	43500	---	---	---	---	---	---
16	45700	42400	43800	46500	43000	44500	---	---	---	---	---	---
17	45700	42400	43900	46800	43400	44900	---	---	---	---	---	---
18	45700	42100	43800	47000	43800	45300	---	---	---	---	---	---
19	45700	42100	43600	47300	44300	45500	---	---	---	---	---	---
20	45500	42000	43600	47400	44500	45600	---	---	---	---	---	---
21	45500	41700	43400	47400	43700	45400	---	---	---	---	---	---
22	45200	41200	43200	47100	44300	45700	---	---	---	---	---	---
23	45100	41200	42900	47500	44900	46100	---	---	---	---	---	---
24	44800	41200	42600	47600	45000	46200	---	---	---	---	---	---
25	44700	41000	42600	47800	45400	46500	---	---	---	49500	47800	48700
26	44500	41600	42800	47900	45200	46400	---	---	---	49800	48300	49100
27	45000	41500	43000	47800	44800	46000	---	---	---	50000	48600	49300
28	45100	41700	43300	47800	44800	46200	---	---	---	50100	48400	49300
29	---	---	---	48000	45100	46600	---	---	---	50200	48700	49400
30	---	---	---	48000	45500	46700	---	---	---	50300	48800	49500
31	---	---	---	48100	45500	46600	---	---	---	50400	49000	49700
MONTH	47200	39100	43400	48100	42000	45100	48700	45500	47000	50400	44300	48900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50400	49200	49800	42000	17900	32500	44500	41000	42500	47900	43800	46400
2	50700	49300	49900	41900	27100	36000	44600	40200	42000	48800	46100	47200
3	50700	46000	49800	41900	31200	37600	45000	40500	42500	48900	45200	47200
4	50400	42200	46300	41900	33800	38500	45400	41500	43300	49100	45400	47300
5	49100	44300	47100	41800	35200	38900	45600	41600	43500	49600	45800	47600
6	48800	45300	47400	42100	36000	39500	45800	42100	43700	49300	46500	48100
7	49100	46300	47900	41800	37100	39700	46300	41200	43900	49400	46700	47800
8	49300	46900	48300	41600	37400	39600	46800	42700	44300	48500	46300	47400
9	49500	47400	48700	40800	37200	39100	47100	43000	44800	48200	44800	46700
10	49800	45800	48600	40700	38000	39300	46400	42400	44700	49100	44300	46400
11	49800	45700	48100	40900	39000	39800	47300	40700	44800	48900	45500	47100
12	49500	45900	47800	39700	35100	37800	47000	43700	45300	49300	45500	47200
13	49300	46200	47800	39000	34700	36500	48000	41800	45500	48600	46300	47500
14	49100	46200	47700	43400	34800	38100	48600	44900	46800	48800	45500	47500
15	48900	42100	45800	43200	35800	39300	48900	45400	47300	48000	43000	45900
16	47800	42700	45300	43300	33600	39100	48800	45400	47200	44600	41300	43300
17	48500	45400	47200	42500	33400	38600	48700	45800	46900	45700	43700	44600
18	49000	45800	47700	42300	34000	38800	48300	44100	46300	45900	42300	44400
19	49300	47800	48400	42300	35400	39300	48000	44200	46100	46000	43500	44900
20	49500	48000	48600	42700	36200	39900	48300	39000	45400	46500	43400	44700
21	49600	48100	48800	42900	36900	40300	48100	39000	44000	47600	43000	44900
22	49800	48100	48900	42600	37600	40100	48000	40000	44900	48300	42800	45700
23	50300	48500	49300	43900	37800	40300	47700	40300	44700	48500	43900	46600
24	50400	48800	49500	44300	39000	41400	47800	40100	44400	48800	45100	47100
25	50400	47900	49500	44200	40000	41800	48200	42200	45400	49500	45900	47600
26	50100	46000	48400	43600	39900	41600	47900	33900	44800	49400	45700	47800
27	49800	46400	48500	43800	40200	41500	47900	34500	43000	49600	45600	47600
28	48900	38200	46000	44400	40000	42100	47900	39100	44500	49100	43200	47000
29	44600	3740	28400	44600	40600	42100	47900	42900	45300	48900	43800	46600
30	41500	6220	24600	44900	40700	42400	47800	43800	45900	48900	44200	46700
31	---	---	---	44600	41200	42700	47800	44000	46100	---	---	---
MONTH	50700	3740	46700	44900	17900	39500	48900	33900	44800	49600	41300	46600
YEAR	50800	3740	45700									

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	19.5	17.5	18.5	11.5	9.5	10.5
2	---	---	---	---	---	---	20.0	18.0	19.0	11.0	9.5	10.5
3	---	---	---	---	---	---	20.5	18.5	19.5	12.5	11.0	11.5
4	---	---	---	---	---	---	20.5	18.5	19.5	11.5	9.5	10.5
5	---	---	---	---	---	---	20.5	19.0	20.0	10.5	7.5	8.5
6	---	---	---	---	---	---	21.5	19.5	20.5	9.0	6.0	7.5
7	---	---	---	---	---	---	21.5	19.5	20.5	9.0	6.0	8.0
8	---	---	---	---	---	---	21.5	20.0	21.0	10.0	7.5	9.0
9	---	---	---	---	---	---	21.0	19.5	20.5	11.0	9.5	10.5
10	---	---	---	---	---	---	20.5	17.5	19.0	11.0	10.0	10.5
11	---	---	---	---	---	---	18.5	16.0	17.5	10.0	9.0	9.5
12	---	---	---	---	---	---	17.5	15.5	16.5	10.0	9.0	9.5
13	---	---	---	19.0	17.5	18.5	17.0	16.0	16.5	10.5	9.5	10.0
14	---	---	---	18.5	17.5	18.0	17.0	14.5	16.0	12.0	10.0	11.0
15	---	---	---	19.0	18.0	18.5	15.0	12.0	13.5	14.0	11.0	12.0
16	---	---	---	20.5	18.5	19.0	13.5	11.5	12.5	13.5	11.5	12.0
17	---	---	---	21.5	19.0	20.0	13.0	11.5	12.5	14.0	11.5	12.0
18	---	---	---	21.0	19.5	20.0	13.0	11.0	12.0	15.0	12.5	13.5
19	---	---	---	21.0	19.0	20.0	14.0	11.5	12.5	14.5	12.5	13.5
20	---	---	---	21.0	19.5	20.0	15.0	13.0	14.0	14.5	12.5	13.5
21	---	---	---	20.0	19.0	20.0	16.5	14.0	15.0	15.5	13.5	14.0
22	---	---	---	19.0	16.5	18.5	18.0	15.5	16.5	17.0	14.0	15.5
23	---	---	---	19.0	17.0	18.5	16.5	15.0	16.0	18.5	15.5	16.5
24	---	---	---	20.5	19.0	19.5	15.5	13.0	14.0	18.0	16.5	17.0
25	---	---	---	21.0	19.0	20.0	14.0	10.5	12.0	17.0	15.5	16.5
26	---	---	---	20.5	19.5	20.0	11.5	9.0	10.0	16.5	15.0	16.0
27	---	---	---	20.0	17.5	19.0	10.5	8.5	9.5	16.5	15.0	16.0
28	---	---	---	19.0	17.0	18.0	11.0	10.0	10.5	17.5	15.5	16.5
29	---	---	---	18.5	17.0	18.0	11.5	11.0	11.5	18.0	16.0	16.5
30	---	---	---	18.5	17.5	18.0	11.5	10.0	11.0	17.5	15.5	16.5
31	---	---	---	---	---	---	11.0	9.5	10.5	15.5	13.5	14.5
MONTH	---	---	---	21.5	16.5	19.1	21.5	8.5	15.4	18.5	6.0	12.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	12.0	13.0	15.0	12.5	13.5	20.0	17.5	18.5	17.5	15.0	16.0
2	14.5	13.5	14.0	15.5	12.5	13.5	22.5	18.5	19.5	19.5	15.0	16.5
3	15.5	13.5	14.5	15.0	13.0	14.0	24.0	19.5	21.5	21.5	17.5	19.0
4	16.5	14.5	15.5	13.5	10.5	12.5	24.5	21.0	22.5	23.0	19.0	20.5
5	16.5	14.0	15.5	14.0	11.0	13.0	25.0	21.5	23.0	22.5	20.0	21.0
6	16.5	14.0	15.5	15.5	12.5	14.0	23.5	21.0	22.5	24.5	20.5	22.0
7	17.0	15.0	16.0	16.0	14.0	14.5	24.0	22.0	22.5	24.5	21.5	23.0
8	18.0	16.0	17.0	14.5	11.5	13.5	---	---	---	25.5	22.5	23.5
9	18.5	16.5	17.5	13.5	12.0	13.0	24.0	23.0	23.5	26.0	23.0	24.5
10	18.0	17.5	17.5	14.5	12.5	13.5	24.5	22.5	23.5	26.0	23.5	24.5
11	18.5	17.0	18.0	14.0	12.5	13.5	25.0	23.0	24.0	26.0	24.0	24.5
12	19.5	17.5	18.5	14.0	12.5	13.5	24.5	22.5	23.5	25.0	23.5	24.0
13	18.0	14.5	16.0	14.0	12.5	13.0	23.0	21.0	22.0	26.0	23.0	24.0
14	14.5	12.0	13.5	14.5	13.5	14.0	23.0	20.5	21.5	27.0	23.5	24.5
15	14.5	11.0	13.0	14.5	12.5	13.5	23.0	21.0	22.0	24.0	22.5	23.5
16	15.0	11.5	13.5	15.5	11.5	13.0	22.0	19.5	21.5	25.5	21.5	23.5
17	16.0	13.0	14.5	17.0	13.0	14.5	20.5	18.5	19.5	26.0	22.5	24.0
18	17.5	15.0	16.0	18.5	14.5	15.5	20.5	16.5	19.0	26.5	23.5	24.5
19	17.5	15.5	16.5	18.5	15.5	16.5	21.0	17.5	19.5	26.5	24.5	25.5
20	16.5	14.5	15.5	18.0	15.5	17.0	22.0	18.5	20.0	27.5	25.0	26.0
21	16.0	14.0	15.0	18.0	16.5	17.0	24.0	20.0	21.5	28.0	25.5	26.5
22	15.0	11.5	13.0	18.5	15.0	16.5	24.5	21.5	22.5	27.5	25.5	26.5
23	13.0	10.5	11.5	19.0	16.0	17.5	25.0	22.0	23.5	27.5	25.5	26.5
24	12.0	10.0	11.0	20.0	17.5	18.5	25.0	23.0	23.5	26.5	25.5	26.0
25	12.0	10.0	11.0	20.0	18.0	19.0	23.5	21.5	22.0	27.5	25.0	26.0
26	13.5	11.5	12.0	19.5	16.0	18.0	24.0	21.0	22.0	28.5	25.5	26.5
27	15.0	12.0	13.0	17.5	15.5	16.5	26.0	22.5	23.5	28.0	25.5	26.5
28	15.5	13.0	14.0	18.0	15.5	16.5	26.0	23.0	24.5	28.5	25.0	26.5
29	---	---	---	18.5	16.0	17.0	23.0	20.5	22.0	28.5	25.5	27.0
30	---	---	---	18.5	16.5	17.5	20.5	17.5	18.5	28.5	25.0	26.5
31	---	---	---	18.5	17.0	17.5	---	---	---	28.5	25.0	26.5
MONTH	19.5	10.0	14.7	20.0	10.5	15.2	26.0	16.5	21.8	28.5	15.0	24.0

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	25.0	27.0	27.0	25.5	26.0	36.0	32.5	34.0	28.0	26.0	27.5
2	29.0	26.0	27.5	29.5	26.0	27.5	34.5	33.0	34.0	28.5	26.0	27.5
3	29.5	26.5	27.5	31.0	27.5	28.5	34.0	32.0	33.0	28.5	26.5	27.5
4	29.5	26.5	28.0	31.5	28.0	29.5	33.0	31.0	32.5	28.5	27.0	28.0
5	29.5	27.5	28.5	31.5	29.0	30.0	32.5	31.0	32.0	29.0	27.5	28.0
6	30.0	27.5	28.5	30.5	29.5	30.0	33.0	31.0	32.0	30.0	28.0	28.5
7	30.0	28.0	29.0	31.0	29.0	30.0	33.5	31.5	32.0	31.0	28.0	29.0
8	30.0	28.5	29.0	31.0	29.0	30.0	33.5	31.5	32.0	31.0	28.5	29.0
9	30.0	28.0	29.0	31.5	29.5	30.5	32.5	30.0	31.0	31.0	28.5	29.5
10	29.5	27.5	28.5	31.5	29.0	30.0	33.0	30.5	31.5	30.5	28.0	29.0
11	28.5	27.0	28.0	31.5	28.5	30.0	33.5	30.0	31.5	30.5	28.0	29.5
12	29.5	26.5	27.5	30.0	28.5	29.0	34.0	30.5	32.0	29.0	27.0	28.0
13	30.5	26.5	28.0	29.0	28.0	28.5	34.0	31.5	32.5	28.5	25.0	27.5
14	30.0	27.5	28.5	30.0	27.0	28.5	33.5	31.0	32.0	28.0	25.5	27.0
15	31.0	27.5	29.0	31.0	28.0	29.5	33.0	30.5	32.0	27.5	23.5	25.5
16	31.5	28.5	29.5	29.5	28.5	29.0	33.0	31.0	32.0	26.0	22.5	24.5
17	30.0	29.0	29.5	31.0	27.5	29.0	32.5	30.5	31.5	26.0	23.5	25.0
18	29.0	26.5	28.0	31.0	29.0	30.0	33.0	30.5	31.5	25.5	24.5	25.0
19	28.5	25.0	26.5	31.5	29.5	30.5	32.5	30.5	31.5	25.0	23.5	24.5
20	26.0	24.0	25.0	32.0	29.5	30.5	31.5	28.0	30.5	24.0	23.0	23.5
21	25.5	23.5	25.0	32.5	30.5	31.5	30.5	28.0	29.5	25.0	23.0	24.0
22	26.5	25.0	26.0	33.0	31.0	32.0	31.5	29.5	30.5	24.5	23.0	24.0
23	27.0	25.5	26.0	34.0	31.5	32.5	30.5	29.0	29.5	25.0	22.5	23.5
24	28.5	26.0	27.0	33.5	31.5	32.5	30.5	28.5	29.5	23.5	22.5	23.0
25	28.5	27.0	27.0	33.5	31.5	32.0	31.5	29.0	29.5	25.5	22.5	23.5
26	29.0	26.5	27.0	33.0	30.5	31.5	30.5	29.0	30.0	26.0	24.0	24.5
27	29.0	27.0	27.5	33.5	30.5	32.0	31.5	28.5	30.0	25.5	24.5	25.0
28	27.5	26.0	26.5	34.5	31.5	32.5	32.5	29.5	30.5	26.0	24.5	25.0
29	26.0	23.0	25.0	34.0	31.5	32.5	30.5	28.5	29.5	27.0	25.0	25.5
30	26.5	22.5	24.5	34.5	31.0	32.5	29.5	27.0	28.5	26.5	25.0	25.5
31	---	---	---	35.0	32.0	33.0	28.5	25.5	27.5	---	---	---
MONTH	31.5	22.5	27.5	35.0	25.5	30.4	36.0	25.5	31.1	31.0	22.5	26.2
YEAR	36.0	6.0	21.8									

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	7.4	6.3	6.7	10.8	9.8	10.2
2	---	---	---	---	---	---	7.4	6.2	6.6	10.5	10.0	10.2
3	---	---	---	---	---	---	7.4	6.1	6.6	10.3	9.4	9.9
4	---	---	---	---	---	---	7.3	6.0	6.5	11.3	9.8	10.5
5	---	---	---	---	---	---	7.2	6.0	6.5	12.2	10.8	11.4
6	---	---	---	---	---	---	7.3	5.9	6.5	12.6	11.3	12.0
7	---	---	---	---	---	---	7.5	6.0	6.7	12.5	11.6	12.1
8	---	---	---	---	---	---	7.6	6.2	6.9	12.2	11.8	11.9
9	---	---	---	---	---	---	7.9	6.3	7.1	11.9	10.9	11.5
10	---	---	---	---	---	---	7.8	6.8	7.4	11.9	10.5	11.4
11	---	---	---	---	---	---	8.1	7.1	7.6	12.0	11.2	11.7
12	---	---	---	---	---	---	8.1	7.3	7.6	12.1	11.6	11.8
13	---	---	---	8.1	7.1	7.5	7.5	6.7	7.0	12.0	11.3	11.7
14	---	---	---	7.7	6.6	7.1	7.6	6.5	7.0	11.7	10.8	11.3
15	---	---	---	7.2	6.2	6.7	8.4	7.1	7.7	11.3	10.3	10.8
16	---	---	---	7.0	5.9	6.4	9.1	7.7	8.2	11.3	10.1	10.8
17	---	---	---	7.1	5.6	6.4	9.5	7.9	8.6	11.0	10.0	10.7
18	---	---	---	7.8	5.8	6.7	9.7	8.1	8.8	10.4	9.2	9.9
19	---	---	---	7.7	6.4	7.0	9.3	8.1	8.6	10.6	8.7	9.9
20	---	---	---	7.6	6.3	7.0	8.8	7.9	8.2	10.6	9.3	10.1
21	---	---	---	8.0	6.3	7.2	8.8	7.4	8.0	10.6	9.0	10.0
22	---	---	---	8.6	7.1	7.9	9.0	7.5	8.2	10.4	8.9	9.9
23	---	---	---	8.7	7.4	8.1	9.2	8.3	8.8	10.2	8.6	9.4
24	---	---	---	8.4	7.2	8.0	9.2	8.3	8.9	9.4	7.6	8.6
25	---	---	---	8.5	7.0	7.9	10.0	8.9	9.3	9.0	7.6	8.6
26	---	---	---	8.3	6.8	7.8	10.5	9.5	10.0	9.2	8.1	8.7
27	---	---	---	8.5	7.3	8.0	10.8	9.9	10.3	9.0	8.1	8.6
28	---	---	---	8.5	7.6	8.0	10.4	9.9	10.1	8.8	7.9	8.3
29	---	---	---	8.3	7.3	7.7	10.1	9.2	9.7	8.7	7.7	8.1
30	---	---	---	7.6	6.6	7.1	10.4	9.1	9.7	8.7	7.6	8.1
31	---	---	---	---	---	---	10.7	9.7	10.1	9.2	7.8	8.5
MONTH	---	---	---	8.7	5.6	7.4	10.8	5.9	8.1	12.6	7.6	10.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.3	8.7	9.0	9.4	8.1	8.9	8.6	6.8	7.8	8.9	7.9	8.5
2	9.0	8.2	8.7	9.6	8.4	9.0	9.6	6.6	7.9	10.2	8.2	9.0
3	9.6	8.1	8.9	9.1	8.3	8.8	10.0	7.0	8.1	10.3	8.1	9.1
4	9.3	8.4	8.9	10.2	8.6	9.3	9.3	6.6	7.9	9.8	7.8	8.9
5	9.9	8.4	9.2	10.1	9.1	9.5	8.6	6.3	7.6	8.9	7.2	8.3
6	10.3	8.9	9.5	9.8	8.6	9.3	7.8	5.9	7.2	8.5	6.5	7.7
7	10.1	8.9	9.5	9.8	8.5	9.2	8.0	5.5	7.0	8.0	6.0	7.2
8	9.7	8.7	9.3	10.0	8.8	9.5	---	---	---	7.7	6.2	7.1
9	9.3	8.2	8.8	9.7	9.1	9.4	7.7	5.7	7.0	7.6	6.0	7.0
10	8.7	7.5	8.3	9.6	8.9	9.3	8.0	6.2	7.1	7.4	6.1	7.0
11	8.5	7.4	8.1	9.5	8.8	9.2	7.8	6.2	7.0	7.2	5.2	6.5
12	8.2	7.2	7.7	9.4	8.9	9.2	7.9	6.4	7.0	6.2	4.8	5.6
13	8.8	7.4	8.1	9.4	8.8	9.0	8.3	6.4	7.3	6.5	4.2	5.5
14	9.6	8.4	8.9	9.0	7.8	8.6	8.2	6.2	7.2	6.4	4.5	5.7
15	9.9	8.6	9.1	8.9	7.5	8.4	7.3	6.1	6.8	7.0	4.6	5.9
16	9.8	8.6	9.0	9.7	8.2	8.8	8.2	5.4	6.7	7.8	5.1	6.3
17	9.4	8.3	8.8	9.8	7.9	8.8	8.0	6.3	6.9	7.7	5.0	6.4
18	8.8	7.9	8.5	9.9	7.7	8.7	8.6	6.4	7.2	7.3	4.9	6.3
19	8.7	7.4	8.2	9.6	7.4	8.6	8.9	6.7	7.6	6.6	4.8	6.0
20	9.1	7.6	8.4	9.1	7.3	8.4	8.8	6.8	7.7	6.8	4.8	5.9
21	8.9	7.9	8.5	8.6	7.2	8.2	8.5	6.7	7.6	6.8	4.9	5.9
22	9.7	8.5	9.1	9.3	7.1	8.3	8.4	6.5	7.6	7.0	5.1	6.1
23	9.7	9.1	9.5	9.3	7.4	8.4	8.2	6.5	7.7	7.0	5.3	6.3
24	9.9	9.3	9.6	8.9	7.6	8.4	8.2	6.7	7.5	7.2	5.7	6.4
25	10.0	9.4	9.6	8.4	7.4	8.0	7.7	6.3	7.0	7.6	5.4	6.5
26	9.7	8.9	9.3	7.9	6.5	7.3	8.2	6.1	6.9	7.4	5.4	6.4
27	9.5	8.5	9.1	8.6	6.7	7.6	8.4	6.0	7.0	7.3	4.9	5.8
28	9.0	8.2	8.7	9.1	7.5	8.0	8.0	5.6	6.7	7.6	4.6	6.0
29	---	---	---	9.0	7.6	8.0	7.3	5.8	6.6	7.4	4.5	6.0
30	---	---	---	9.3	7.4	8.1	8.3	6.3	7.3	7.2	4.5	5.9
31	---	---	---	8.5	7.5	8.0	---	---	---	7.0	4.5	5.8
MONTH	10.3	7.2	8.9	10.2	6.5	8.7	10.0	5.4	7.3	10.3	4.2	6.7

02176587 ALBERGOTTI CREEK AT BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.0	4.4	5.8	4.6	3.3	3.9	---	---	---	8.3	5.4	6.9
2	6.5	4.2	5.5	5.1	2.8	4.0	---	---	---	7.8	5.4	6.9
3	5.8	3.6	4.9	5.5	2.7	4.3	---	---	---	7.2	4.8	6.2
4	5.4	3.1	4.5	6.2	3.0	4.6	7.3	3.9	5.7	6.6	4.2	5.7
5	5.6	3.1	4.5	---	---	---	6.8	3.9	5.4	6.3	4.3	5.3
6	5.9	2.7	4.7	---	---	---	6.3	2.9	4.8	5.7	3.5	4.7
7	5.8	3.9	4.9	---	---	---	5.6	3.4	4.5	5.6	3.5	4.4
8	5.4	3.6	4.6	---	---	---	5.1	2.8	4.0	5.3	3.3	4.2
9	5.7	3.3	4.5	---	---	---	5.1	2.6	3.7	5.8	3.0	4.4
10	5.1	3.3	4.3	---	---	---	5.8	3.2	4.5	5.7	2.7	4.3
11	5.6	3.1	4.4	---	---	---	7.1	3.7	5.2	6.6	3.2	5.1
12	6.5	3.7	4.9	---	---	---	7.3	3.3	5.3	6.9	4.2	5.7
13	6.8	3.6	5.0	---	---	---	7.2	3.0	5.3	6.8	4.5	5.8
14	6.1	3.8	4.9	---	---	---	7.3	3.2	5.2	6.5	4.3	5.6
15	---	---	---	6.8	3.7	5.1	6.9	3.2	5.1	6.7	4.9	5.8
16	6.6	3.7	5.2	5.1	4.0	4.6	6.4	3.0	4.9	6.9	5.1	6.1
17	7.0	4.1	5.4	6.4	3.3	4.8	6.6	2.8	4.7	7.5	5.3	6.5
18	8.0	4.1	6.0	7.1	3.6	5.2	6.8	3.6	5.2	7.5	5.7	6.8
19	7.0	5.2	6.1	7.2	3.7	5.2	6.6	3.7	5.1	6.9	5.2	6.0
20	6.6	4.3	5.4	7.1	4.0	5.4	---	---	---	6.2	4.5	5.5
21	5.6	4.1	4.8	6.2	4.1	5.0	---	---	---	6.4	4.7	5.5
22	5.6	3.7	4.8	---	---	---	---	---	---	7.2	5.1	6.2
23	6.5	4.1	5.3	---	---	---	---	---	---	7.7	5.7	6.7
24	6.0	4.1	5.2	7.2	4.3	5.6	---	---	---	7.5	5.8	6.6
25	4.6	3.0	4.0	6.5	4.0	5.1	6.9	3.6	4.9	7.8	5.0	6.6
26	4.5	2.2	3.3	6.9	4.0	5.3	5.8	3.9	4.7	7.5	5.1	6.6
27	4.1	2.3	3.4	7.4	4.0	5.5	6.1	3.1	4.6	6.8	4.7	5.7
28	3.6	2.0	2.9	7.5	3.6	5.5	7.3	3.6	5.2	5.8	3.4	4.7
29	4.5	1.9	3.2	---	---	---	6.0	4.3	4.9	5.7	3.3	4.7
30	4.6	2.8	3.8	---	---	---	7.3	4.0	5.5	6.5	3.8	5.3
31	---	---	---	---	---	---	8.2	5.2	6.5	---	---	---
MONTH	8.0	1.9	4.7	7.5	2.7	4.9	8.2	2.6	5.0	8.3	2.7	5.7
YEAR	12.6	1.9	7.2									

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC

LOCATION.--Lat 32°27'14'', long 80°40'55'', Beaufort County, Hydrologic Unit 03050208, on channel marker #229 piling in main channel of Beaufort River (Intracoastal Waterway), approximately 0.7 mi west of Pigeon Point public boat landing and 0.5 mi downstream from the confluence of Brickyard Creek and Albergotti Creek.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.71 ft, May. 16, 1999; minimum gage height, 6.93 ft, Apr. 16, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.71 ft, May 16; minimum gage height, 6.93 ft, Apr. 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.43	9.34	14.08	18.15	8.90	14.33	17.72	7.61	13.35	18.55	7.86	13.89
2	18.20	9.60	14.47	18.47	8.55	14.29	18.17	7.23	13.53	19.29	8.38	14.62
3	18.43	9.35	14.49	18.84	8.47	14.27	18.54	7.39	13.57	18.64	8.24	13.79
4	18.50	8.58	14.19	18.68	7.79	13.89	18.32	7.30	13.26	17.31	7.52	12.68
5	18.64	8.40	14.15	19.16	8.26	14.33	18.18	7.40	13.21	16.99	7.97	12.83
6	19.06	8.64	14.47	19.23	8.85	14.30	17.98	7.92	13.25	17.38	8.93	13.44
7	19.20	8.77	14.42	18.47	8.49	13.72	17.62	8.25	13.21	16.83	9.10	13.23
8	18.64	8.32	13.91	18.11	8.70	13.67	17.17	8.56	13.06	16.82	9.73	13.50
9	18.19	8.14	13.60	17.60	9.10	13.59	16.30	8.60	12.83	16.60	10.06	13.58
10	18.00	8.61	13.59	17.44	9.53	13.71	16.87	10.11	13.56	16.18	10.40	13.48
11	17.85	9.09	13.72	16.75	9.13	13.33	16.80	10.12	13.77	16.65	9.83	13.41
12	17.63	9.56	13.84	16.70	9.72	13.40	17.06	10.24	14.09	16.30	9.55	13.23
13	17.66	9.85	14.10	17.03	10.04	13.92	17.09	8.91	13.64	16.66	9.34	13.27
14	17.46	9.84	14.16	17.07	9.60	13.94	16.65	9.41	13.75	16.86	9.34	13.35
15	17.47	9.86	14.19	17.06	9.40	13.58	17.48	10.44	14.23	17.04	8.63	13.20
16	17.68	9.97	14.39	17.08	9.15	13.63	16.97	9.37	13.68	17.41	8.65	13.58
17	17.63	9.90	14.36	17.09	9.03	13.41	17.12	9.10	13.22	17.71	8.96	13.80
18	17.48	9.62	14.06	17.37	8.79	13.69	17.60	8.95	13.62	17.81	8.50	13.54
19	17.20	9.12	13.68	17.61	9.44	13.83	17.71	9.14	13.82	17.45	8.09	13.18
20	17.04	8.94	13.50	17.36	9.02	13.53	17.49	8.86	13.58	17.56	8.51	13.43
21	17.17	9.20	13.65	16.85	8.98	13.23	17.33	8.76	13.40	17.54	8.60	13.53
22	16.89	9.43	13.55	17.01	9.62	13.55	17.19	8.50	13.29	17.43	8.65	13.56
23	17.50	10.01	14.04	17.12	9.17	13.44	17.60	9.61	13.67	17.47	8.89	13.67
24	17.23	9.69	13.85	16.69	9.11	13.04	17.61	9.32	13.80	17.60	8.58	13.50
25	16.98	9.89	13.64	17.05	9.68	13.46	17.59	10.05	13.99	16.80	8.79	13.31
26	16.72	10.04	13.52	16.58	9.31	13.16	17.61	9.89	14.27	17.22	9.65	13.76
27	16.94	10.07	13.59	16.49	9.10	13.01	17.74	9.31	14.15	17.93	8.36	13.83
28	17.11	10.48	13.87	16.80	8.85	13.30	18.00	8.98	14.15	17.71	8.42	13.47
29	17.20	9.86	13.74	17.18	8.17	13.52	18.23	8.57	14.20	17.78	7.78	13.55
30	17.45	9.27	14.00	17.49	8.04	13.49	17.98	8.17	13.53	18.64	8.37	14.25
31	17.77	8.94	14.03	---	---	---	18.39	8.10	13.88	19.33	9.38	14.87
MONTH	19.20	8.14	13.96	19.23	7.79	13.65	18.54	7.23	13.63	19.33	7.52	13.56

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.33	9.93	14.96	17.59	7.92	13.39	17.25	8.58	13.51	18.74	10.58	14.77
2	18.53	8.69	14.05	18.06	8.63	14.00	17.49	8.53	13.39	18.56	10.58	14.92
3	17.96	8.59	13.72	18.34	8.39	13.67	17.51	9.09	13.64	17.95	10.25	14.40
4	17.30	8.59	13.47	17.14	7.75	12.78	17.14	9.58	13.72	17.78	10.12	14.16
5	17.16	9.55	13.59	17.09	8.97	13.51	17.66	9.30	13.76	17.78	10.30	14.17
6	16.82	9.85	13.76	17.02	9.39	13.49	17.82	10.65	14.46	17.25	10.18	13.83
7	16.47	10.06	13.57	16.47	9.27	13.12	17.13	10.18	13.69	17.28	9.95	13.63
8	16.06	10.21	13.27	16.33	10.62	13.76	16.51	10.02	13.37	16.62	9.74	13.35
9	16.82	10.82	13.98	16.92	10.32	13.96	16.70	10.34	13.64	16.51	9.48	13.50
10	16.87	10.53	13.95	16.18	10.79	13.72	16.57	9.77	13.63	16.96	9.37	13.75
11	17.26	10.20	14.07	16.94	10.78	14.12	17.74	9.91	14.52	17.66	9.59	14.20
12	17.09	8.22	13.60	16.88	10.63	14.06	17.73	9.01	14.03	18.24	9.03	14.44
13	16.52	8.04	12.96	17.13	10.64	14.33	18.58	9.36	14.80	18.70	8.46	14.27
14	17.54	8.74	13.84	18.34	10.00	14.81	18.79	8.94	14.55	19.25	8.16	14.22
15	17.86	8.83	13.81	17.17	8.49	13.42	19.20	8.95	14.67	19.56	8.45	14.36
16	17.87	8.48	13.75	18.03	8.92	14.06	18.42	6.93	13.40	19.71	8.81	14.61
17	18.02	8.33	13.73	17.95	8.35	13.80	18.37	7.36	13.32	19.62	9.03	14.64
18	18.14	8.39	13.87	17.99	7.93	13.58	18.10	7.35	13.18	19.35	9.14	14.61
19	18.57	8.98	14.17	18.49	7.81	13.68	17.86	7.75	13.12	19.23	9.22	14.26
20	18.25	9.50	14.32	18.56	8.26	13.76	17.89	8.12	13.01	18.61	9.46	14.25
21	18.38	9.31	14.31	18.53	7.79	13.62	17.23	8.40	13.13	18.26	9.66	14.15
22	18.10	9.86	14.32	17.45	8.33	13.23	17.57	9.13	13.45	17.76	9.65	14.03
23	18.28	10.02	14.44	17.68	8.62	13.35	17.23	9.08	13.36	17.27	9.49	13.90
24	18.17	9.57	14.37	17.44	9.02	13.36	17.22	8.68	13.65	16.98	9.37	13.70
25	18.29	9.03	14.38	17.09	9.07	13.39	17.87	10.10	14.65	17.36	9.46	13.76
26	17.77	9.13	14.29	17.54	10.18	14.11	17.61	9.72	14.30	17.49	9.60	13.85
27	18.29	9.29	14.31	17.57	9.31	14.09	17.66	9.58	14.17	17.82	9.26	13.98
28	18.12	8.76	13.70	17.45	9.07	13.78	17.96	9.53	14.35	17.70	9.53	13.99
29	---	---	---	17.46	8.67	13.70	18.24	10.03	14.48	17.52	9.44	13.79
30	---	---	---	17.84	8.80	13.95	18.28	10.32	14.63	17.63	9.34	13.71
31	---	---	---	17.99	9.18	14.16	---	---	---	17.67	9.69	13.85
MONTH	19.33	8.04	13.95	18.56	7.75	13.73	19.20	6.93	13.85	19.71	8.16	14.10

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.63	9.77	13.85	17.24	8.80	13.14	17.74	9.13	13.86	18.71	9.99	14.86
2	17.48	9.82	13.74	17.51	9.41	13.62	17.62	8.96	13.97	19.02	10.48	15.06
3	17.32	9.47	13.39	17.50	9.20	13.58	18.22	9.62	14.39	19.52	10.83	15.48
4	16.96	8.91	13.39	17.31	9.10	13.60	18.37	9.81	14.58	19.06	10.41	15.28
5	17.19	10.04	14.08	17.12	9.01	13.47	18.21	9.35	14.34	18.48	9.66	14.69
6	17.42	9.92	13.97	17.10	8.63	13.46	18.34	9.08	14.27	18.48	9.16	14.34
7	17.19	9.75	13.95	17.23	8.49	13.47	18.42	8.82	14.28	18.59	8.90	14.26
8	17.59	9.51	14.05	17.60	8.14	13.43	18.50	8.23	14.01	18.68	9.05	14.38
9	17.69	8.83	13.91	17.94	7.75	13.48	18.66	7.97	13.78	18.66	9.03	14.37
10	18.23	8.33	14.03	18.27	7.57	13.49	19.33	8.65	14.31	18.42	9.13	14.29
11	19.30	8.72	14.47	18.55	7.41	13.45	18.98	8.73	14.38	18.42	9.50	14.49
12	19.63	9.01	14.88	19.18	8.33	14.10	18.80	8.70	14.16	18.27	10.27	14.72
13	19.63	8.58	14.59	19.10	8.27	14.15	18.40	8.96	14.18	17.94	10.36	14.56
14	19.24	8.34	14.34	19.06	8.59	14.19	17.86	9.14	14.14	17.99	10.70	14.67
15	18.92	8.35	14.03	18.80	8.97	14.16	17.62	9.36	13.98	17.69	10.09	14.51
16	18.60	8.74	13.92	18.57	9.20	14.05	17.41	9.20	13.73	17.32	10.07	13.89
17	18.55	8.95	13.89	18.14	9.14	13.89	16.90	9.51	13.77	17.21	10.64	13.95
18	18.46	9.68	14.52	17.46	9.11	13.63	16.87	9.86	13.76	17.11	10.90	14.16
19	18.62	10.52	14.79	16.89	9.24	13.39	16.74	9.78	13.47	17.08	10.85	14.18
20	17.96	9.90	14.21	16.40	9.03	13.16	16.74	9.56	13.48	17.68	10.58	14.36
21	17.28	10.03	14.05	16.55	9.35	13.31	16.81	9.85	13.55	18.28	10.77	14.80
22	17.36	10.20	14.17	16.98	9.83	13.76	17.59	9.98	13.96	18.49	10.66	14.89
23	17.69	10.30	14.35	17.05	9.82	13.77	17.92	10.21	14.47	18.90	10.26	14.98
24	17.57	10.12	14.26	17.24	9.52	13.67	18.03	9.98	14.37	18.86	10.00	14.98
25	17.50	9.77	13.99	17.28	9.42	13.56	18.03	9.24	14.11	18.80	9.24	14.64
26	17.30	9.38	13.66	17.50	9.35	13.57	18.08	9.00	13.85	18.51	8.94	14.36
27	17.21	9.37	13.59	17.96	9.20	13.66	18.02	8.70	13.77	18.85	8.90	14.42
28	17.04	9.15	13.22	18.09	9.37	13.95	18.49	8.83	14.01	18.76	9.04	14.41
29	16.94	8.75	13.04	17.99	9.24	13.87	18.60	9.46	14.48	18.93	9.35	14.58
30	17.30	8.73	13.26	18.07	9.10	13.83	18.60	9.76	14.76	18.70	8.96	14.37
31	---	---	---	17.87	9.02	13.78	18.49	9.70	14.62	---	---	---
MONTH	19.63	8.33	13.99	19.18	7.41	13.67	19.33	7.97	14.09	19.52	8.90	14.56
YEAR	19.71	6.93	13.89									

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 1999.

WATER TEMPERATURE: October 1998 to September 1999.

DISSOLVED OXYGEN: October 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 51,400 microsiemens, Jan. 2, 1999; minimum, 10,600 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 35.0°C, Aug. 1, 2, 1999; minimum, 7.0°C, Jan. 6, 1999.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 12, 13, 1999; minimum, 2.4 mg/L, Aug. 18, Sep. 4, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 51,400 microsiemens, Jan. 2; minimum, 10,600 microsiemens Jun. 29.

WATER TEMPERATURE: Maximum, 35.0°C, Aug. 1, 2; minimum, 7.0°C, Jan. 6.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 12, 13; minimum, 2.4 mg/L, Aug. 18, Sep. 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	49900	48600	49300	51300	49800	50600
2	---	---	---	---	---	---	50100	48300	49400	51400	47700	49700
3	---	---	---	---	---	---	50200	49000	49700	50900	46900	49100
4	---	---	---	---	---	---	50200	48900	49700	50600	47900	49400
5	---	---	---	---	---	---	50300	49000	49700	50700	49200	50000
6	---	---	---	---	---	---	50200	49000	49700	50900	49400	50300
7	---	---	---	---	---	---	50200	49200	49700	51000	49600	50400
8	---	---	---	---	---	---	50200	49300	49700	50900	47700	49800
9	---	---	---	---	---	---	50200	49200	49900	50300	49000	49800
10	---	---	---	---	---	---	50400	47300	49700	50100	48800	49600
11	---	---	---	---	---	---	50500	49600	50100	50200	49000	49700
12	---	---	---	---	---	---	50800	49300	50200	50200	49200	49800
13	---	---	---	49700	48000	49100	50600	48500	49800	50300	49100	49800
14	---	---	---	49700	48000	49200	50500	46300	49100	50200	48900	49700
15	---	---	---	49800	48300	49200	---	---	---	50100	48600	49500
16	---	---	---	49800	48300	49200	50900	47900	49800	50100	48700	49500
17	---	---	---	49700	48200	49100	51000	46700	48700	50100	48600	49400
18	---	---	---	49800	48200	49100	51200	49400	50700	49900	48100	49000
19	---	---	---	49800	48000	49000	51200	50000	50700	49700	48100	48900
20	---	---	---	49700	48200	49000	51000	48900	50400	49600	48300	48900
21	---	---	---	49700	48300	49100	51100	48700	50200	49500	48100	48900
22	---	---	---	49800	48400	49300	51000	50000	50500	49400	47900	48700
23	---	---	---	49800	48400	49200	51100	49600	50600	49200	46100	48200
24	---	---	---	49600	48300	49000	51200	50300	50900	48400	43500	46000
25	---	---	---	49500	48000	48900	51300	49300	50700	47400	44100	45900
26	---	---	---	49500	47200	48600	51100	48200	49700	47400	44700	46100
27	---	---	---	49500	46300	48000	50900	48600	49800	47400	44700	46100
28	---	---	---	49700	46800	49000	50800	48900	49800	47300	44800	46200
29	---	---	---	49800	48000	49300	50900	49000	49900	47200	45100	46200
30	---	---	---	49700	46700	49000	51000	49100	50200	47300	44500	46000
31	---	---	---	---	---	---	51200	49700	50500	47300	44300	45800
MONTH	---	---	---	49800	46300	49000	51300	46300	50000	51400	43500	48600

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	47000	43300	45100	47800	44000	46200	48200	45700	47100	48400	44200	46300
2	46300	42400	44200	48000	44000	46400	48200	45600	47000	48300	44500	46100
3	46200	43100	44500	48200	44000	46400	48200	45500	47000	48200	44800	46300
4	46000	42200	44200	48400	46000	47400	48100	45200	47000	48000	45300	46400
5	45800	42900	44600	48400	45000	47300	48100	45800	47100	48000	44900	46700
6	45700	43200	44600	48300	44700	46900	48000	44400	46200	47800	45100	46500
7	45600	42900	44600	48100	44500	46700	47600	45200	46500	47700	45300	46500
8	45400	43500	44600	48000	43600	46100	47300	44400	46100	47600	45700	46700
9	46100	42300	44300	47900	43300	45400	47300	45000	46400	47700	43500	46700
10	46900	42800	44900	47000	44000	45400	47600	45100	46800	48100	44800	46900
11	46700	42500	44600	47300	43900	45500	47800	43800	46400	48600	46000	47500
12	46400	42500	44600	47200	43600	45200	47900	43600	46300	48500	45900	47400
13	46700	43200	45500	47200	42800	45300	48200	45100	47100	48800	46100	47400
14	47300	43200	45900	47400	42700	45100	48500	44600	46900	48800	46200	47500
15	47600	43400	45800	46900	43300	45200	48600	45800	47600	49200	45700	47500
16	47800	43800	46000	47900	43700	45800	48700	46000	47700	48900	45600	47500
17	48000	44000	46100	48100	44300	46300	49100	47200	48300	49000	45400	47200
18	48000	43700	46100	48300	44900	46700	49300	47400	48600	48800	45600	47300
19	48000	43100	45800	48400	44700	46800	49300	47700	48700	48900	45900	47400
20	47800	43100	45700	48400	44800	46700	49400	47900	48900	48700	46100	47500
21	47900	42800	45800	48400	44600	46600	49300	47900	48800	48800	46000	47600
22	47700	42500	45300	48200	45400	47000	49200	47800	48800	48700	46200	47800
23	47700	42500	45200	48300	45500	47000	49200	48200	48800	48800	47400	48200
24	47600	42500	45100	48200	45300	47100	49200	46800	48600	49100	47500	48400
25	47500	42100	45300	48300	46000	47500	49300	46900	48300	49100	47200	48600
26	47400	42800	45200	48400	45000	47200	49300	46500	48300	49400	47600	48800
27	47200	42600	45100	48500	45000	47200	49200	47100	48200	49600	47400	48900
28	47300	43100	45300	48800	45300	47500	49100	46500	48100	49600	47500	48900
29	---	---	---	48800	46300	47700	49400	46300	48100	49800	47400	49000
30	---	---	---	48900	45800	47600	49200	46400	48000	50000	47800	49200
31	---	---	---	48900	44900	47300	---	---	---	50200	48200	49500
MONTH	48000	42100	45100	48900	42700	46500	49400	43600	47600	50200	43500	47600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50300	48100	49600	43800	33400	38900	45500	41200	43600	48200	42800	46100
2	50400	48700	49700	43200	36800	40200	45100	40400	43000	49300	45600	47500
3	50400	48400	49700	43300	38100	40700	44900	40400	43000	49400	45700	47800
4	49700	45800	47900	43400	38700	41200	44900	40200	42800	49900	46500	48200
5	49400	46400	47900	43400	39300	41700	44600	39700	42400	50400	46400	48400
6	49200	47000	48200	43800	40500	42400	43800	39600	42000	49800	45900	48400
7	49400	47200	48400	43900	40600	42600	43600	39600	41800	49600	46900	48500
8	49700	47300	48600	44000	40600	42500	47000	40000	43500	49200	44700	47700
9	50000	47600	49200	44700	40500	42700	48200	42900	46200	50300	44700	47900
10	50200	48300	49300	45300	41400	43600	48100	44200	46100	49800	45800	47900
11	50600	47000	49100	44700	41600	43000	48900	43800	46400	50200	46200	48000
12	50800	47500	49000	43500	36400	40300	49600	45100	47600	48100	43700	45800
13	50600	47900	49200	42000	34200	38500	50100	45500	48200	45700	43200	44500
14	50600	48300	49300	44500	34300	39700	50300	46400	48900	46900	44100	45300
15	50400	47800	49300	44400	37900	41300	50400	46500	48800	47400	42900	45300
16	50300	46600	48400	44400	37700	41100	50200	46600	48700	47200	43100	45400
17	49900	47000	48200	43800	37900	40900	49600	46300	48500	47600	45200	46500
18	49700	46900	48400	43200	38400	41000	49500	47000	48200	47700	44300	46300
19	49700	47300	48600	43100	38400	41200	48700	47300	48100	47400	44300	45900
20	49700	47300	48500	43400	39600	41800	48500	44100	47000	47800	43800	45700
21	49600	47400	48700	43600	40100	42200	47700	44300	46000	46900	44000	45700
22	49500	47600	48600	43700	39000	41900	47500	43900	45900	46700	44000	45400
23	49600	47900	48800	44500	39000	42300	47300	43500	45600	48000	44300	46000
24	49600	47900	48900	45100	40300	43200	48400	43700	46100	48400	45300	46800
25	50000	47800	48900	45300	40700	43400	50000	44900	48100	48700	45800	47200
26	50200	47200	48700	45500	41000	43700	49800	43400	47300	48800	46100	47400
27	49900	48100	49000	45200	41200	43700	48700	42200	45500	48900	46000	47400
28	49200	46500	48200	45900	40300	43500	48400	44300	46100	48900	45900	47300
29	48200	10600	39800	46200	40900	44000	48600	42600	45500	49100	46100	47500
30	44000	27900	37700	46200	41800	44400	48500	43500	45600	49100	46500	47700
31	---	---	---	46200	41700	44200	48200	43000	45500	---	---	---
MONTH	50800	10600	48100	46200	33400	42000	50400	39600	45900	50400	42800	46800
YEAR	51400	10600	46900									

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	19.5	18.5	19.0	11.0	10.0	10.5
2	---	---	---	---	---	---	19.5	19.0	19.0	11.0	10.0	10.5
3	---	---	---	---	---	---	20.0	19.0	19.5	12.0	11.0	11.5
4	---	---	---	---	---	---	20.5	19.5	19.5	11.5	10.0	10.5
5	---	---	---	---	---	---	20.5	19.5	20.0	10.5	8.0	9.0
6	---	---	---	---	---	---	21.0	20.0	20.5	9.5	7.0	8.5
7	---	---	---	---	---	---	21.0	20.0	20.5	9.0	7.5	8.5
8	---	---	---	---	---	---	21.5	20.5	21.0	10.0	8.5	9.0
9	---	---	---	---	---	---	21.0	20.5	21.0	11.0	9.5	10.0
10	---	---	---	---	---	---	21.0	18.5	19.5	11.0	10.0	10.5
11	---	---	---	---	---	---	19.0	17.0	18.0	10.5	9.0	10.0
12	---	---	---	---	---	---	18.0	16.0	17.0	10.0	9.5	10.0
13	---	---	---	19.0	18.0	19.0	17.5	16.5	17.0	10.5	10.0	10.0
14	---	---	---	19.0	18.0	18.5	17.5	15.5	16.5	11.0	10.0	10.5
15	---	---	---	19.0	18.5	18.5	16.0	13.5	14.5	12.5	11.0	11.5
16	---	---	---	19.5	18.5	19.0	14.5	12.5	13.5	12.5	11.0	11.5
17	---	---	---	20.5	19.0	19.5	14.0	12.5	13.5	13.0	11.5	12.0
18	---	---	---	20.0	19.5	20.0	13.5	12.0	13.0	14.0	12.0	13.0
19	---	---	---	20.5	19.5	19.5	13.5	12.0	13.0	14.0	12.5	13.0
20	---	---	---	20.5	19.5	20.0	15.0	13.5	14.0	14.0	12.5	13.0
21	---	---	---	20.0	19.5	20.0	16.0	14.5	15.0	15.0	13.0	14.0
22	---	---	---	19.5	18.0	18.5	17.0	15.0	16.0	16.0	13.5	14.5
23	---	---	---	19.0	17.5	18.5	16.5	15.0	16.0	17.5	14.5	16.0
24	---	---	---	20.0	19.0	19.5	15.5	14.0	14.5	17.5	15.5	16.5
25	---	---	---	20.5	19.5	20.0	14.5	11.0	13.0	17.0	15.5	16.5
26	---	---	---	20.5	19.5	20.0	12.5	10.0	11.0	16.5	15.5	16.0
27	---	---	---	20.0	18.5	19.5	11.5	9.5	10.5	16.5	15.5	16.0
28	---	---	---	19.5	18.0	19.0	11.5	10.5	11.0	17.0	15.5	16.0
29	---	---	---	19.0	17.5	18.5	12.0	11.0	11.5	17.0	16.0	16.5
30	---	---	---	19.0	18.0	18.5	11.5	10.5	11.0	17.0	15.5	16.5
31	---	---	---	---	---	---	11.0	10.0	10.5	15.5	14.0	15.0
MONTH	---	---	---	20.5	17.5	19.2	21.5	9.5	15.8	17.5	7.0	12.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.0	13.0	13.5	14.0	13.0	13.5	19.0	17.5	18.0	18.0	16.0	16.5
2	14.5	13.5	14.0	14.5	12.5	13.5	21.0	18.0	19.0	18.0	15.5	16.5
3	15.5	13.5	14.5	14.5	13.5	14.0	22.5	19.0	20.5	20.0	17.5	18.5
4	16.0	14.5	15.0	13.5	12.0	13.0	23.5	20.0	21.5	22.0	18.5	19.5
5	16.0	14.5	15.0	14.0	12.0	13.0	23.5	20.5	22.0	21.5	19.5	20.5
6	16.0	14.5	15.5	15.0	13.0	13.5	23.0	21.5	22.0	23.5	20.0	21.5
7	16.5	15.0	16.0	15.5	14.0	14.5	23.0	21.5	22.0	23.5	21.0	22.0
8	17.5	16.0	16.5	14.5	13.0	13.5	24.5	22.0	22.5	24.5	22.0	23.0
9	18.0	16.5	17.0	13.5	12.0	13.0	23.5	22.5	23.0	25.0	22.5	23.5
10	18.0	17.0	17.5	14.0	13.0	13.5	24.0	22.5	23.0	25.0	23.0	24.0
11	18.5	17.0	17.5	14.0	12.5	13.5	24.5	22.5	23.5	25.0	23.5	24.0
12	18.5	17.5	18.0	14.0	12.5	13.5	24.5	22.5	23.0	24.5	23.5	24.0
13	17.5	14.5	16.5	14.0	12.5	13.5	23.0	21.5	22.0	25.0	23.5	24.0
14	15.0	13.0	14.0	14.0	13.5	14.0	22.5	21.0	21.5	25.5	24.0	24.5
15	14.0	12.5	13.5	14.0	13.0	13.5	22.5	21.5	22.0	24.5	23.0	23.5
16	14.5	13.0	13.5	14.0	12.5	13.0	22.0	21.0	21.5	24.5	22.5	23.5
17	15.5	14.0	14.5	15.5	13.5	14.0	21.0	19.5	20.0	25.0	23.0	24.0
18	16.5	15.0	15.5	17.0	14.0	15.0	20.5	18.0	19.5	26.0	23.5	24.5
19	17.0	15.5	16.0	17.5	15.0	16.0	20.5	18.5	19.5	26.5	24.0	25.0
20	16.0	15.0	15.5	17.5	15.5	16.5	21.5	19.0	20.0	27.0	24.5	25.5
21	15.5	14.5	15.0	17.5	16.0	16.5	23.0	20.0	21.0	27.0	25.0	26.0
22	15.0	12.0	13.5	17.5	15.5	16.5	23.5	21.0	22.0	26.5	25.5	26.0
23	13.5	11.0	12.0	18.5	16.0	17.0	24.0	21.5	22.5	26.5	25.5	26.0
24	12.5	10.5	11.5	19.0	17.0	17.5	23.5	22.5	23.0	26.5	25.5	26.0
25	12.0	10.5	11.5	19.5	17.5	18.5	23.5	21.5	22.0	26.5	25.5	26.0
26	12.5	11.5	12.0	19.0	17.0	18.0	22.5	21.5	22.0	27.0	26.0	26.5
27	13.5	12.5	13.0	17.0	16.0	16.5	24.5	22.5	23.0	26.5	26.0	26.5
28	14.5	13.0	13.5	17.0	16.0	16.5	24.5	23.0	24.0	27.5	26.0	26.5
29	---	---	---	17.5	16.5	17.0	23.0	21.0	22.0	27.5	26.0	26.5
30	---	---	---	18.0	17.0	17.5	21.0	18.0	19.5	27.5	26.0	26.5
31	---	---	---	17.5	17.0	17.0	---	---	---	27.5	26.0	26.5
MONTH	18.5	10.5	14.7	19.5	12.0	15.0	24.5	17.5	21.6	27.5	15.5	23.8

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.0	26.5	27.0	25.5	26.0	35.0	32.5	33.5	28.0	26.5	27.5
2	29.0	26.0	27.0	29.0	26.0	27.0	34.0	33.0	33.5	28.0	26.5	27.5
3	28.5	27.0	27.5	29.5	27.0	28.0	33.5	32.5	33.0	28.5	27.0	27.5
4	29.0	26.5	27.5	30.5	28.0	29.0	33.0	31.5	32.5	28.5	27.0	28.0
5	29.0	27.5	28.0	31.0	28.5	29.5	32.5	31.0	32.0	28.5	27.5	28.0
6	29.5	27.5	28.5	30.5	29.5	30.0	32.5	31.5	32.0	28.5	28.0	28.0
7	29.5	27.5	28.5	30.5	29.0	29.5	32.5	31.5	32.0	29.5	28.0	28.5
8	29.5	28.5	29.0	30.5	29.5	30.0	32.5	31.5	32.0	29.5	28.5	29.0
9	29.5	28.5	29.0	30.5	29.5	30.0	32.0	31.0	31.5	30.5	28.5	29.0
10	29.5	28.0	28.5	30.5	29.5	30.0	32.0	31.0	31.5	30.0	28.5	29.0
11	28.5	27.5	28.0	31.0	29.0	30.0	32.5	31.0	31.5	30.0	28.5	29.0
12	28.5	27.5	28.0	30.0	29.0	29.5	33.0	31.0	32.0	29.0	28.0	28.5
13	29.5	27.5	28.0	29.0	28.5	29.0	33.0	31.5	32.0	28.0	26.5	27.5
14	29.5	28.0	28.5	29.5	28.0	28.5	33.0	31.5	32.0	27.5	26.5	27.5
15	30.0	28.0	28.5	30.5	28.5	29.5	33.0	31.0	32.0	27.5	24.0	26.0
16	30.5	28.5	29.0	29.5	29.0	29.0	32.5	31.0	32.0	25.5	23.0	24.5
17	30.0	29.0	29.5	30.5	28.0	29.0	32.5	31.0	31.5	25.5	24.0	25.0
18	29.0	27.5	28.5	30.5	29.0	29.5	32.5	30.5	31.5	25.5	24.5	25.0
19	28.5	26.0	27.0	31.0	29.5	30.0	32.0	31.0	31.5	25.5	24.0	24.5
20	26.5	24.5	25.5	31.5	29.5	30.5	31.5	29.5	30.5	24.5	23.5	24.0
21	26.0	24.0	25.0	32.0	30.5	31.0	30.5	29.0	30.0	24.5	23.5	24.0
22	27.0	25.5	26.0	32.5	31.0	31.5	30.5	30.0	30.5	24.5	23.5	24.0
23	27.0	26.0	26.5	32.5	31.5	32.0	30.5	29.5	30.0	23.5	23.0	23.5
24	27.5	26.5	27.0	32.5	31.5	32.0	30.0	29.5	29.5	23.5	23.0	23.0
25	27.5	27.0	27.0	32.5	31.5	32.0	30.5	29.0	29.5	24.5	22.5	23.5
26	27.5	27.0	27.0	32.5	31.5	31.5	30.5	29.5	30.0	25.0	24.0	24.5
27	28.0	27.0	27.5	33.0	31.5	32.0	31.0	29.0	30.0	25.0	24.0	24.5
28	27.0	26.5	27.0	33.5	31.5	32.5	31.5	29.5	30.5	25.0	24.5	24.5
29	26.5	23.5	25.5	33.5	32.0	32.5	30.5	29.0	29.5	26.0	24.5	25.0
30	26.0	24.0	25.5	34.0	31.5	32.5	29.0	27.5	28.5	26.0	25.0	25.5
31	---	---	---	34.0	32.0	33.0	28.5	26.5	28.0	---	---	---
MONTH	30.5	23.5	27.5	34.0	25.5	30.2	35.0	26.5	31.2	30.5	22.5	26.2
YEAR	35.0	7.0	21.7									

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	7.7	7.0	7.4	9.6	9.0	9.2
2	---	---	---	---	---	---	7.8	6.7	7.3	9.7	9.1	9.3
3	---	---	---	---	---	---	7.7	6.7	7.2	9.3	9.0	9.1
4	---	---	---	---	---	---	7.4	6.4	6.9	10.2	9.1	9.5
5	---	---	---	---	---	---	7.1	6.2	6.7	11.0	9.6	10.2
6	---	---	---	---	---	---	7.2	6.1	6.7	11.2	9.9	10.6
7	---	---	---	---	---	---	7.4	6.3	6.8	11.2	10.3	10.8
8	---	---	---	---	---	---	7.4	6.3	6.8	11.6	10.4	11.0
9	---	---	---	---	---	---	7.4	6.3	6.8	11.3	10.7	11.0
10	---	---	---	---	---	---	7.6	6.7	7.0	11.6	10.5	11.0
11	---	---	---	---	---	---	7.7	6.9	7.3	11.8	11.0	11.4
12	---	---	---	---	---	---	7.7	7.1	7.4	11.9	11.4	11.7
13	---	---	---	8.4	7.9	8.1	7.4	7.0	7.2	11.9	11.3	11.6
14	---	---	---	7.9	7.4	7.6	7.7	7.0	7.2	11.7	10.8	11.4
15	---	---	---	7.5	6.8	7.3	8.3	7.5	7.9	11.5	10.5	10.9
16	---	---	---	7.2	6.6	6.9	8.8	8.0	8.3	11.6	10.1	11.0
17	---	---	---	7.2	6.3	6.8	9.3	8.2	8.6	11.4	10.1	10.9
18	---	---	---	7.7	6.4	7.1	9.5	8.3	8.9	10.7	9.7	10.1
19	---	---	---	7.8	6.7	7.2	9.4	8.6	9.0	10.3	9.0	9.8
20	---	---	---	7.7	6.6	7.2	9.3	8.6	8.9	10.4	9.4	10.0
21	---	---	---	8.1	6.6	7.4	9.3	8.6	8.9	10.2	9.4	9.9
22	---	---	---	8.6	7.4	7.9	9.3	8.6	9.0	10.0	8.9	9.6
23	---	---	---	8.7	7.7	8.2	8.8	8.2	8.5	9.6	8.5	9.0
24	---	---	---	8.7	7.7	8.2	8.7	8.0	8.4	8.9	7.7	8.3
25	---	---	---	8.7	7.6	8.2	9.2	8.3	8.6	8.6	7.7	8.2
26	---	---	---	8.5	7.3	8.1	9.6	8.7	9.2	8.6	8.0	8.3
27	---	---	---	8.7	7.7	8.2	9.7	9.0	9.4	8.3	7.9	8.1
28	---	---	---	8.5	7.8	8.2	9.7	9.1	9.3	8.2	7.7	8.0
29	---	---	---	8.3	7.6	8.1	9.4	8.7	9.0	8.2	7.5	7.8
30	---	---	---	8.0	7.2	7.7	9.5	8.7	9.0	8.1	7.4	7.8
31	---	---	---	---	---	---	9.6	9.1	9.2	8.9	7.7	8.3
MONTH	---	---	---	8.7	6.3	7.7	9.7	6.1	8.0	11.9	7.4	9.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.1	8.7	8.9	9.8	8.6	9.3	8.6	7.2	8.0	8.5	7.5	8.1
2	9.0	8.4	8.7	9.9	8.9	9.4	9.1	7.4	8.2	9.6	7.9	8.6
3	9.3	8.4	8.8	9.7	8.8	9.3	9.3	7.4	8.3	9.7	8.0	8.7
4	9.4	8.5	8.8	10.4	9.1	9.5	9.1	7.4	8.2	9.9	7.9	8.8
5	9.8	8.6	9.1	10.4	9.1	9.7	8.9	7.2	8.1	9.0	7.7	8.4
6	10.0	9.0	9.4	10.2	8.9	9.6	8.4	7.1	7.9	8.8	7.2	8.0
7	9.8	9.1	9.5	10.3	8.4	9.4	8.5	6.9	7.7	8.3	7.0	7.7
8	9.8	9.0	9.4	10.4	9.1	9.7	8.4	6.7	7.6	8.3	6.4	7.5
9	9.5	8.2	9.0	10.1	9.1	9.7	7.7	6.7	7.3	7.8	6.3	7.1
10	8.7	7.6	8.2	10.1	8.7	9.5	7.7	6.7	7.2	7.6	5.9	6.8
11	8.5	7.6	8.1	10.1	8.8	9.4	7.6	6.7	7.1	7.5	6.2	6.6
12	8.2	7.6	7.9	9.9	8.7	9.3	7.6	6.7	7.1	6.9	5.7	6.2
13	8.5	7.6	8.1	9.8	8.6	9.3	7.7	6.6	7.2	6.5	5.2	5.9
14	9.1	7.9	8.6	9.6	8.6	9.0	8.0	6.4	7.2	6.6	5.3	6.0
15	9.3	8.3	8.8	9.3	8.1	8.8	8.1	6.9	7.6	6.8	5.3	6.1
16	9.4	8.4	8.9	9.6	8.2	9.0	8.8	6.9	7.7	7.6	5.3	6.3
17	9.4	8.3	8.8	9.7	8.5	9.1	8.6	7.2	7.7	7.7	5.6	6.5
18	9.3	8.2	8.7	9.7	8.4	9.0	9.5	7.3	8.0	7.9	5.4	6.5
19	9.1	8.1	8.6	9.8	8.4	9.0	9.8	7.4	8.3	7.4	5.2	6.2
20	9.5	8.1	8.7	9.6	8.3	8.9	9.5	7.7	8.4	7.3	4.9	6.0
21	9.3	8.3	8.8	9.2	8.0	8.6	9.4	7.6	8.3	7.1	5.0	5.9
22	9.8	8.4	9.0	9.5	7.8	8.6	8.9	7.4	8.2	6.8	5.1	5.9
23	9.8	8.8	9.3	9.4	8.1	8.7	8.6	7.3	8.1	6.8	5.3	6.0
24	9.9	8.8	9.3	9.1	7.9	8.6	8.4	6.9	7.8	6.8	5.3	5.9
25	9.9	8.9	9.5	8.8	7.8	8.4	7.9	6.6	7.2	6.8	5.0	5.8
26	9.8	8.8	9.5	8.5	6.9	7.8	7.4	6.5	6.8	6.5	4.9	5.7
27	9.7	9.0	9.4	8.4	6.9	7.8	7.4	6.3	6.8	6.4	4.5	5.4
28	9.5	8.9	9.2	8.5	7.5	8.0	6.9	6.0	6.5	6.5	4.3	5.5
29	---	---	---	8.5	7.5	8.0	6.8	5.8	6.4	6.6	4.7	5.7
30	---	---	---	8.7	7.5	8.1	7.8	6.4	7.0	6.5	4.4	5.7
31	---	---	---	8.3	7.5	7.9	---	---	---	6.9	4.7	5.7
MONTH	10.0	7.6	8.9	10.4	6.9	8.9	9.8	5.8	7.6	9.9	4.3	6.6

02176589 BEAUFORT RIVER ABOVE BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.9	4.6	5.9	6.3	4.8	5.7	6.4	3.5	4.7	---	---	---
2	7.3	4.7	6.0	6.9	4.6	5.8	6.1	3.6	4.9	5.3	3.2	4.3
3	7.0	4.7	5.8	7.4	4.8	5.9	7.6	3.8	5.7	4.7	2.6	3.8
4	7.0	4.1	5.4	8.0	4.9	6.1	7.6	4.5	6.2	4.8	2.4	3.6
5	5.8	2.8	4.4	8.1	5.0	6.4	7.2	4.8	6.2	5.0	2.8	3.8
6	5.9	3.2	4.6	7.3	5.4	6.4	7.1	4.9	6.2	5.5	3.0	4.3
7	6.4	3.7	4.9	7.3	5.0	6.3	6.9	5.2	6.2	5.5	3.7	4.5
8	5.8	3.8	4.8	7.1	5.5	6.4	6.6	5.0	5.7	5.1	3.1	4.1
9	6.7	3.7	5.2	6.8	5.4	6.1	5.8	4.3	4.9	5.9	3.2	4.4
10	6.0	4.3	5.0	6.5	5.1	5.8	5.0	3.1	3.9	6.4	3.4	4.8
11	6.0	4.0	5.1	6.8	4.8	5.7	6.7	4.2	5.3	6.6	4.0	5.1
12	6.5	4.5	5.5	6.1	4.9	5.5	7.2	4.1	5.4	6.8	4.2	5.6
13	5.9	3.8	4.9	5.2	3.7	4.6	7.0	4.2	5.5	6.8	4.6	5.6
14	5.7	3.1	4.3	5.9	3.5	4.6	6.6	4.3	5.4	6.2	4.4	5.4
15	5.9	3.2	4.4	6.4	3.8	4.7	6.2	3.6	4.9	5.6	4.1	5.0
16	6.1	2.9	4.3	4.6	3.9	4.3	5.5	3.6	4.5	6.2	4.8	5.6
17	5.7	3.0	4.2	5.5	3.2	4.3	4.5	2.9	3.7	6.6	5.2	5.9
18	7.0	3.2	4.7	5.9	3.7	4.6	5.0	2.4	3.4	6.6	5.2	6.0
19	5.9	3.5	4.8	6.1	3.6	4.7	5.1	3.1	3.9	6.3	5.1	5.7
20	5.2	3.5	4.4	6.4	4.2	5.2	4.9	2.8	3.9	5.8	5.0	5.4
21	5.9	3.3	4.4	6.5	4.6	5.5	4.9	3.2	4.0	6.3	5.0	5.6
22	6.2	3.6	4.6	6.1	4.8	5.5	5.3	3.4	4.4	6.8	5.6	6.2
23	6.7	3.6	5.7	6.8	4.6	5.6	4.9	3.4	4.2	7.6	5.7	6.7
24	6.8	5.4	6.1	6.7	5.0	5.7	6.4	3.7	5.0	6.9	6.3	6.6
25	6.2	5.0	5.6	6.2	4.6	5.2	7.3	4.7	5.5	7.6	5.8	6.6
26	6.2	4.7	5.5	6.7	4.3	5.1	6.4	4.2	5.2	7.1	5.6	6.4
27	6.5	4.7	5.6	6.3	3.7	4.8	6.9	3.9	5.1	6.3	4.9	5.5
28	5.7	4.5	5.3	7.1	3.3	5.1	---	---	---	5.1	4.1	4.8
29	6.6	4.5	5.6	6.6	2.8	4.4	---	---	---	5.3	3.8	4.7
30	6.3	4.9	5.8	6.6	2.8	4.4	---	---	---	5.9	4.0	5.1
31	---	---	---	6.4	3.5	4.8	---	---	---	---	---	---
MONTH	7.3	2.8	5.1	8.1	2.8	5.3	7.6	2.4	5.0	7.6	2.4	5.2
YEAR	11.9	2.4	7.1									

02176603 BEAUFORT RIVER AT BEAUFORT, SC

LOCATION.--Lat 32°25'38'', long 80°40'10'', Beaufort County, Hydrologic Unit 03050208, attached to concrete pier of US Highway 21 bridge, near main channel of Beaufort River (Intracoastal Waterway), approximately 1000 ft from north end of bridge, at Beaufort.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.18 ft, May. 16, 1999; minimum gage height, 3.36 ft, Dec. 2, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.18 ft, May 16; minimum gage height, 3.36 ft, Dec. 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.02	5.27	9.72	13.69	4.82	9.94	13.29	3.57	9.02	14.09	3.83	9.54
2	13.77	5.78	10.11	14.02	4.46	9.91	13.74	3.36	9.21	14.80	4.32	10.25
3	13.99	5.30	10.12	14.37	4.39	9.87	14.11	3.41	9.24	---	---	---
4	14.07	4.54	9.84	14.22	3.71	9.52	13.88	3.39	8.94	12.88	3.50	8.40
5	14.21	4.33	9.79	14.67	4.18	9.94	---	---	---	12.55	3.95	8.55
6	14.61	4.54	10.09	14.75	4.75	9.88	13.55	3.87	8.93	12.95	4.84	9.11
7	14.76	4.69	10.02	13.99	4.38	9.33	13.20	4.19	8.89	12.40	5.05	8.92
8	14.21	4.24	9.54	13.63	4.59	9.28	12.75	4.51	8.75	12.40	5.66	9.18
9	13.76	4.08	9.24	13.12	4.99	9.21	11.91	4.53	8.54	12.18	5.92	9.27
10	13.57	4.51	9.23	12.96	5.42	9.34	12.47	5.99	9.24	11.78	6.28	9.18
11	13.39	5.01	9.37	12.31	5.02	8.98	12.39	6.06	9.46	12.25	5.75	9.10
12	13.20	5.44	9.49	12.23	5.58	9.07	12.64	6.13	9.75	11.89	5.45	8.93
13	13.23	5.74	9.74	12.63	5.95	9.59	12.67	4.87	9.32	12.23	5.26	8.97
14	13.03	5.76	9.80	12.66	5.51	9.62	12.23	5.43	9.44	12.42	5.30	9.04
15	13.04	5.78	9.83	12.67	5.32	9.27	13.08	6.28	9.90	12.62	4.58	8.89
16	13.25	5.86	10.02	12.67	5.08	9.32	12.59	5.51	9.38	12.98	4.57	9.26
17	13.19	5.79	9.99	12.69	4.96	9.11	12.71	5.06	8.94	13.28	4.91	9.47
18	13.06	5.50	9.70	12.96	4.73	9.39	13.17	4.87	9.30	13.38	4.46	9.20
19	12.77	5.03	9.34	13.19	5.39	9.50	13.26	5.07	9.48	13.02	4.04	8.88
20	12.62	4.86	9.16	12.94	4.99	9.22	13.08	4.82	9.26	13.12	4.46	9.12
21	12.74	5.09	9.31	12.42	4.92	8.94	12.90	4.70	9.08	13.11	4.55	9.21
22	12.46	5.31	9.22	12.61	5.57	9.24	12.79	4.45	8.97	13.00	4.58	9.22
23	13.06	5.92	9.69	12.71	5.12	9.11	13.16	5.50	9.34	13.04	4.83	9.31
24	12.79	5.64	9.49	12.28	5.05	8.75	13.19	5.25	9.46	13.17	4.54	9.16
25	12.52	5.79	9.29	12.62	5.59	9.16	13.15	5.98	9.64	12.41	4.72	8.99
26	12.31	5.89	9.19	12.15	5.24	8.86	13.19	5.83	9.91	12.80	5.58	9.42
27	12.51	5.93	9.24	12.09	5.03	8.71	13.31	5.26	9.79	13.50	4.33	9.47
28	12.68	6.35	9.52	12.38	4.79	8.98	13.57	4.93	9.79	13.29	4.16	9.14
29	12.68	5.75	9.39	12.75	4.13	9.18	13.78	4.37	9.83	13.36	3.72	9.23
30	13.00	5.17	9.63	13.06	3.71	9.15	13.55	4.11	9.21	14.20	4.31	9.91
31	13.31	4.82	9.65	---	---	---	13.92	4.04	9.54	14.70	5.11	10.31
MONTH	14.76	4.08	9.61	14.75	3.71	9.31	14.11	3.36	9.32	14.80	3.50	9.22

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.67	5.63	10.35	13.17	3.90	9.12	12.75	4.45	9.10	14.24	6.42	10.33
2	13.91	4.43	9.49	13.66	4.59	9.68	12.99	4.40	9.00	14.06	6.45	10.49
3	13.34	4.34	9.18	13.92	4.36	9.35	13.01	4.95	9.24	13.47	6.09	9.98
4	12.73	4.34	8.96	12.72	3.69	8.52	12.63	5.44	9.33	13.30	5.98	9.77
5	12.55	5.24	9.08	12.48	4.92	9.14	13.26	5.17	9.37	13.27	6.15	9.76
6	12.24	5.60	9.24	12.32	5.49	9.15	13.32	6.50	10.04	12.77	6.00	9.44
7	11.90	5.77	9.08	11.89	5.40	8.82	12.67	6.02	9.31	12.79	5.82	9.24
8	11.49	5.90	8.78	11.77	6.62	9.40	12.04	5.85	9.01	12.12	5.60	8.98
9	12.21	6.55	9.47	12.31	6.35	9.58	12.23	6.16	9.27	12.04	5.34	9.12
10	12.30	6.26	9.45	11.63	6.78	9.39	12.09	5.64	9.26	12.48	5.24	9.35
11	12.68	5.90	9.56	12.35	6.80	9.74	13.27	5.80	10.09	13.17	5.43	9.78
12	12.52	3.89	9.11	12.24	6.58	9.68	13.26	4.89	9.63	13.74	4.88	9.99
13	12.01	3.87	8.55	12.51	6.65	9.90	14.09	5.23	10.36	14.20	4.33	9.85
14	12.95	4.52	9.36	13.61	5.70	10.33	14.28	4.80	10.12	14.76	4.01	9.80
15	13.30	4.63	9.33	12.49	4.64	9.09	14.66	4.76	10.22	15.04	4.30	9.93
16	13.33	4.30	9.29	13.31	5.01	9.65	13.93	3.41	9.03	15.18	4.67	10.16
17	13.45	4.17	9.28	13.43	4.24	9.39	13.87	3.43	8.93	15.11	4.89	10.19
18	13.61	4.24	9.42	13.50	3.82	9.18	13.60	3.42	8.78	14.73	5.01	10.16
19	14.02	4.82	9.70	14.00	3.69	9.28	13.40	3.64	8.72	14.72	5.08	9.82
20	13.73	5.35	9.86	---	---	---	13.40	3.99	8.61	14.12	5.34	9.82
21	13.87	5.17	9.85	13.71	3.82	9.04	12.73	4.27	8.73	13.77	5.53	9.72
22	13.60	5.70	9.88	12.62	4.31	8.70	13.06	4.97	9.04	13.27	5.51	9.62
23	13.76	5.89	10.00	12.84	4.61	8.81	12.73	4.96	8.96	12.80	5.34	9.50
24	---	---	---	12.61	5.00	8.85	12.70	4.56	9.24	12.52	5.21	9.30
25	13.80	4.92	9.96	12.30	5.05	8.89	13.39	5.96	10.21	12.88	5.31	9.37
26	13.31	5.19	9.93	12.75	6.11	9.58	13.11	5.57	9.87	13.00	5.43	9.46
27	13.89	5.27	9.99	12.80	5.18	9.56	13.16	5.44	9.76	13.33	5.11	9.58
28	13.74	4.77	9.42	12.69	5.10	9.32	13.49	5.39	9.94	13.21	5.38	9.59
29	---	---	---	12.71	4.74	9.26	13.74	5.89	10.07	13.02	5.28	9.40
30	---	---	---	13.09	4.86	9.49	13.80	6.20	10.22	13.12	5.18	9.32
31	---	---	---	13.37	5.24	9.73	---	---	---	13.18	5.56	9.46
MONTH	14.67	3.87	9.47	14.00	3.69	9.32	14.66	3.41	9.45	15.18	4.01	9.69

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.14	5.58	9.46	12.86	4.75	8.88	13.27	5.09	9.56	14.28	5.93	10.49
2	13.00	5.67	9.36	13.14	5.39	9.34	13.27	4.91	9.66	14.62	6.42	10.70
3	---	---	---	13.06	5.18	9.30	13.85	5.56	10.08	15.10	6.80	11.13
4	---	---	---	12.95	5.07	9.32	13.97	5.78	10.25	14.68	6.39	10.93
5	12.67	5.84	9.62	12.77	4.99	9.20	13.83	5.32	10.02	14.11	5.63	10.37
6	12.85	5.75	9.52	12.73	4.62	9.19	13.95	5.05	9.95	14.11	5.13	10.03
7	---	---	---	12.89	4.81	9.20	14.04	4.78	9.94	14.20	4.89	9.96
8	---	---	---	13.25	4.12	9.15	14.07	4.18	9.69	14.31	5.05	10.09
9	13.14	4.65	9.47	13.58	3.72	9.20	14.27	3.93	9.49	14.31	5.03	10.08
10	13.70	4.14	9.55	13.95	3.56	9.23	14.93	4.61	9.99	14.06	5.15	10.02
11	14.73	4.55	10.00	14.18	3.44	9.19	14.57	4.68	10.04	14.07	5.50	10.21
12	15.09	4.85	10.42	14.80	4.29	9.83	14.39	4.66	9.84	13.92	6.26	10.43
13	15.11	4.42	10.14	14.75	4.27	9.87	14.00	4.91	9.84	13.64	6.37	10.29
14	14.73	4.18	9.90	14.63	4.49	9.85	13.47	5.08	9.80	13.68	6.72	10.41
15	14.40	4.18	9.59	---	---	---	13.12	5.31	9.65	13.39	6.18	10.30
16	14.10	4.59	9.50	13.90	5.17	9.72	13.03	5.15	9.42	13.06	6.15	9.71
17	13.90	4.81	9.47	13.78	5.08	9.57	12.52	5.44	9.47	12.91	6.61	9.76
18	13.96	5.52	10.09	13.10	5.05	9.33	12.50	5.80	9.46	12.83	6.91	9.95
19	14.13	6.40	10.36	12.53	5.19	9.11	12.32	5.70	9.18	12.82	6.87	9.99
20	13.49	5.77	9.81	12.06	4.96	8.90	12.35	5.48	9.19	13.40	6.65	10.16
21	12.84	5.90	9.67	12.19	5.29	9.05	12.44	5.75	9.26	14.01	6.82	10.60
22	12.89	6.05	9.79	12.61	5.77	9.49	13.19	5.86	9.64	14.23	6.75	10.69
23	13.23	6.15	9.97	12.70	5.76	9.48	13.53	6.14	10.14	14.61	6.33	10.77
24	13.12	6.00	9.90	12.90	5.47	9.40	13.64	5.89	10.06	14.57	6.08	10.75
25	13.14	5.65	9.64	12.96	5.35	9.30	13.62	5.20	9.79	14.52	5.34	10.42
26	12.89	5.28	9.34	13.15	5.28	9.30	13.68	4.95	9.55	14.25	5.05	10.15
27	12.80	5.29	9.26	13.59	5.17	9.39	13.62	4.65	9.46	14.55	4.99	10.21
28	12.64	4.95	8.92	13.72	5.33	9.66	14.08	4.79	9.69	14.49	5.14	10.21
29	12.58	4.67	8.76	13.65	5.19	9.59	14.22	5.43	10.15	14.68	5.45	10.37
30	12.92	4.71	9.01	13.71	5.06	9.54	14.08	5.72	10.41	14.47	5.10	10.17
31	---	---	---	13.50	4.99	9.48	14.08	5.64	10.26	---	---	---
MONTH	15.11	4.14	9.64	14.80	3.44	9.37	14.93	3.93	9.77	15.10	4.89	10.31
YEAR	15.18	3.36	9.54									

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 1999.

WATER TEMPERATURE: October 1998 to September 1999.

DISSOLVED OXYGEN: October 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 51,600 microsiemens, Nov. 22, 23, 1998; minimum, 35,700 microsiemens Jun. 30, 1999.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1, 1999; minimum, 8.0°C, Jan. 6, 7, 1999.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Dec. 27, 1998; minimum, 3.5 mg/L, Jul. 14, 17, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 51,600 microsiemens, Nov. 22, 23; minimum, 35,700 microsiemens Jun. 30.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1; minimum, 8.0°C, Jan. 6, 7.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Dec. 27; minimum, 3.5 mg/L, Jul. 14, 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	49600	48000	48900	50700	49600	50100	51000	49800	50500
2	---	---	---	49700	48100	49000	50400	49300	49900	51200	49700	50500
3	---	---	---	49800	48300	49100	50100	49200	49700	50700	48100	49600
4	---	---	---	49900	48300	49300	50100	48900	49400	50400	48400	49600
5	---	---	---	50300	48600	49600	49700	48600	49200	50600	49200	50000
6	---	---	---	50600	49000	49900	---	---	---	50700	49800	50300
7	---	---	---	50800	49300	50100	---	---	---	50700	49900	50400
8	---	---	---	50900	49600	50200	---	---	---	50700	49400	50200
9	---	---	---	50900	49500	50200	---	---	---	50200	49500	49900
10	---	---	---	50800	49600	50200	---	---	---	50200	49600	49900
11	---	---	---	50700	49700	50300	---	---	---	50400	49700	50100
12	---	---	---	50800	50000	50400	---	---	---	50500	50000	50200
13	---	---	---	51000	50200	50600	---	---	---	50600	50000	50300
14	---	---	---	51100	50200	50800	---	---	---	50700	50100	50400
15	---	---	---	51200	50300	50800	---	---	---	50800	49900	50400
16	---	---	---	51200	50300	50800	---	---	---	50900	50000	50500
17	---	---	---	51300	50300	50900	---	---	---	51000	50100	50600
18	---	---	---	51300	50300	50900	---	---	---	51100	49600	50500
19	---	---	---	51400	50400	51000	---	---	---	51000	49700	50400
20	---	---	---	51400	50400	51000	---	---	---	51100	50000	50600
21	---	---	---	51400	50500	51000	---	---	---	51200	50100	50700
22	---	---	---	51600	50800	51200	51000	50100	50700	51200	50100	50700
23	---	---	---	51600	50800	51300	51100	50300	50700	51200	49700	50600
24	---	---	---	51500	50600	51100	51200	50600	50900	50700	47500	49300
25	---	---	---	51300	50500	50900	51300	50300	50900	49900	48000	49200
26	---	---	---	51200	50400	50800	51100	49200	50400	49900	48200	49200
27	---	---	---	51200	50500	50800	51000	49200	50300	50000	48100	49200
28	---	---	---	51200	50600	50900	50900	49200	50200	50000	48100	49200
29	---	---	---	51200	50200	50800	50800	49300	50200	50000	48300	49200
30	49100	47900	48500	51000	49900	50500	50800	49200	50200	50200	48300	49300
31	49400	48100	48700	---	---	---	51000	49700	50400	50200	47800	49000
MONTH	49400	47900	48600	51600	48000	50400	51300	48600	50200	51200	47500	50000

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	49900	46900	48500	48400	45400	47100	49900	47900	49000	49700	46700	48300
2	49000	45800	47600	48700	46100	47400	49900	48100	49100	49500	46100	47900
3	48700	46000	47400	48600	46200	47400	49800	48100	49100	49400	46200	47700
4	48400	45900	47200	48700	46700	47800	49800	48200	49000	49100	46400	47600
5	48200	46300	47200	48700	47100	48000	49700	48300	49000	49000	46800	47900
6	48100	46200	47300	48500	46900	47800	49600	47300	48700	48900	46800	47800
7	48000	46500	47300	48300	46700	47600	49300	47400	48500	48800	46900	47800
8	48000	46800	47400	48200	46600	47600	48900	47100	48000	48600	47100	47900
9	48300	46800	47600	48300	45500	47200	48500	47100	47900	48600	47300	48000
10	48600	45500	47100	48000	45900	47100	48500	47400	48000	48700	47500	48100
11	47800	45000	46500	48100	45800	47100	48500	46800	47800	---	---	---
12	47700	44900	46400	48000	45400	46900	48400	47000	47800	---	---	---
13	47700	44900	46700	48100	45100	46800	48500	47200	48000	---	---	---
14	48300	46000	47200	48300	44600	46600	48700	47100	48000	---	---	---
15	48600	45800	47300	47700	44300	46200	48700	47200	48200	49300	46900	48200
16	48600	45800	47300	47900	44800	46500	48900	47300	48200	49600	47100	48400
17	48600	45700	47300	47800	44900	46500	49100	47500	48500	49700	47200	48500
18	48500	45600	47200	48000	45100	46500	49200	48200	48800	49700	47200	48600
19	48600	45500	47100	48000	45400	46800	49200	48300	48900	49600	47600	48600
20	48400	45400	47100	48100	45600	47000	49300	48500	48900	49600	47700	48700
21	48400	45300	47000	48100	45600	47100	49200	48600	48900	49500	47900	48800
22	48400	45000	46900	48200	46300	47400	49200	48600	48900	49500	47500	48900
23	48300	44800	46800	48500	46800	47700	49200	48700	48900	49600	48600	49100
24	48500	44400	46600	48500	46900	47700	49200	48400	48900	49800	48500	49300
25	48500	44500	46600	48400	47100	47800	49200	48300	48900	49900	49000	49500
26	48200	44500	46500	48500	47300	47900	49300	48100	48800	49900	49200	49600
27	48500	44700	46600	48700	47000	48000	49300	48100	48800	50000	49200	49600
28	48300	44800	46600	48600	46900	47900	49400	48100	48800	50100	49200	49700
29	---	---	---	48800	47200	48100	49600	48300	48900	50200	49300	49700
30	---	---	---	49200	47500	48400	49800	48300	49100	50300	49400	49800
31	---	---	---	50000	47400	48700	---	---	---	50300	49600	50000
MONTH	49900	44400	47100	50000	44300	47400	49900	46800	48600	50300	46100	48700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50300	49600	50000	45600	39300	43200	---	---	---	49400	46200	47600
2	50200	49500	49900	45900	41400	43800	---	---	---	49100	45700	47300
3	---	---	---	45900	42000	44100	---	---	---	48600	46000	47200
4	---	---	---	46000	42400	44100	47300	44300	45800	49100	46200	47500
5	50800	49100	50000	45900	42300	44200	47500	44300	45900	---	---	---
6	50600	48900	49800	46100	41200	43100	47800	44300	45900	49700	46600	48100
7	---	---	---	46300	43200	44400	47700	44500	46200	50000	47100	48500
8	---	---	---	46000	43100	44800	48400	44700	46200	50300	47900	49100
9	50400	49100	49900	45900	43000	44100	48500	45000	46400	50500	47600	49000
10	50400	49000	49800	46000	42800	44200	48400	45600	47000	50600	47000	49000
11	50200	48100	49500	46200	42800	44600	49400	45600	47500	50700	47500	49100
12	49800	47400	48900	45700	42200	43800	49400	46800	48200	51000	48600	49600
13	50400	48000	49300	46200	40300	43600	49400	47100	48400	50900	48500	49800
14	50400	48600	49600	---	---	---	49500	47400	48600	51000	48600	49600
15	50400	48900	49800	---	---	---	49500	47300	48600	---	---	---
16	50300	47800	49200	47000	42200	44800	49600	47500	48600	---	---	---
17	50000	47600	48800	46700	41900	44500	49500	47600	48800	49700	46200	48000
18	49700	47700	48700	46600	42200	44500	49600	48000	48800	49300	47100	48200
19	49200	47200	48300	46100	42900	44600	49700	47700	48800	49100	46800	47900
20	48500	46900	47700	46000	42500	44000	49700	47200	48600	48500	46200	47500
21	48700	47200	48000	45700	43100	44500	49200	46800	48000	48600	45500	47200
22	49800	47500	48800	45700	42900	44400	49400	46400	48100	---	---	---
23	49900	48100	49100	46000	43600	44700	49200	46200	47900	---	---	---
24	49800	48200	49000	46300	43600	45100	48700	46000	47200	49400	46200	47800
25	50900	47700	49700	46500	44000	45100	48900	45400	47500	49100	45800	47600
26	51000	48700	50100	46700	43800	45400	49000	46500	47900	49100	46100	47500
27	51200	49400	50500	47100	44300	45700	48800	46000	47600	49400	45800	47300
28	50900	48400	49900	47000	44400	45900	48800	46100	47500	49000	45400	47000
29	49800	36900	46000	---	---	---	48800	45800	47300	49100	44800	46400
30	45700	35700	43000	---	---	---	49000	46000	47500	49000	45400	47100
31	---	---	---	---	---	---	49200	46200	47600	---	---	---
MONTH	51200	35700	49000	47100	39300	44400	49700	44300	47600	51000	44800	48000
YEAR	51600	35700	48300									

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	22.0	21.5	21.5	19.0	18.5	19.0	11.5	10.0	11.0
2	---	---	---	22.0	21.5	22.0	19.5	18.5	19.0	11.0	10.0	10.5
3	---	---	---	22.0	22.0	22.0	19.5	19.0	19.0	12.0	11.0	11.5
4	---	---	---	22.0	21.5	21.5	20.0	19.0	19.5	11.5	10.5	11.0
5	---	---	---	21.5	19.5	20.5	20.5	19.5	19.5	10.5	9.0	9.5
6	---	---	---	20.0	18.5	19.0	21.0	19.5	20.0	9.5	8.0	9.0
7	---	---	---	19.0	17.5	18.0	21.0	20.0	20.5	9.0	8.0	9.0
8	---	---	---	18.5	17.0	18.0	21.5	20.5	20.5	9.5	9.0	9.0
9	---	---	---	18.5	17.5	18.0	21.0	20.5	20.5	10.5	9.5	10.0
10	---	---	---	19.5	18.5	18.5	20.5	19.0	19.5	10.5	10.0	10.0
11	---	---	---	20.0	19.0	19.5	19.5	18.0	18.5	10.0	9.5	10.0
12	---	---	---	19.5	19.0	19.5	18.5	16.5	17.5	10.0	9.5	10.0
13	---	---	---	19.0	18.5	19.0	18.0	17.0	17.5	10.0	10.0	10.0
14	---	---	---	19.0	18.5	18.5	17.5	16.0	17.0	10.5	10.0	10.5
15	---	---	---	19.0	18.5	18.5	16.5	14.0	15.5	11.5	10.5	11.0
16	---	---	---	19.0	18.5	19.0	15.0	13.5	14.5	11.5	10.5	11.0
17	---	---	---	20.0	19.0	19.5	14.5	13.0	14.0	12.0	11.0	11.5
18	---	---	---	20.0	19.5	19.5	14.0	12.5	13.5	13.0	11.5	12.5
19	---	---	---	20.0	19.5	19.5	14.0	12.5	13.5	13.5	12.0	12.5
20	---	---	---	20.5	19.5	20.0	14.5	13.0	14.0	13.5	12.0	12.5
21	---	---	---	20.0	19.5	19.5	15.5	14.0	14.5	14.5	12.5	13.0
22	---	---	---	19.5	18.5	19.0	16.5	14.5	15.5	15.5	13.0	14.0
23	---	---	---	19.0	18.0	18.5	16.0	15.0	15.5	17.0	14.0	15.0
24	---	---	---	20.0	19.0	19.0	15.0	14.0	14.5	17.0	15.0	16.0
25	---	---	---	20.5	19.0	19.5	14.5	12.0	13.5	16.5	15.5	16.0
26	---	---	---	20.5	19.5	20.0	13.0	10.5	11.5	16.0	15.5	15.5
27	---	---	---	20.0	19.0	19.5	12.0	9.5	11.0	16.0	15.0	15.5
28	---	---	---	19.0	18.5	19.0	12.0	10.5	11.0	16.0	15.5	15.5
29	---	---	---	19.0	18.0	18.5	12.0	11.0	11.5	16.5	15.5	16.0
30	21.5	21.0	21.0	19.0	18.0	18.5	11.5	10.5	11.5	16.5	15.5	16.0
31	21.5	21.0	21.5	---	---	---	11.5	10.5	11.0	15.5	14.0	15.0
MONTH	21.5	21.0	21.2	22.0	17.0	19.4	21.5	9.5	15.9	17.0	8.0	12.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.5	13.0	13.5	13.5	13.0	13.0	18.0	17.0	17.5	19.5	16.0	17.5
2	14.0	13.5	14.0	14.0	13.0	13.5	20.0	17.5	18.5	18.0	15.5	17.0
3	15.0	13.5	14.0	14.5	13.5	13.5	21.0	18.5	19.5	19.0	17.0	18.0
4	15.5	14.0	14.5	13.5	12.5	13.0	22.0	19.5	20.5	20.5	18.5	19.0
5	15.5	14.5	15.0	13.5	12.5	13.0	22.5	20.0	21.0	20.5	19.5	20.0
6	15.5	14.5	15.0	14.0	13.0	13.5	22.5	20.5	21.5	22.0	20.0	20.5
7	16.0	15.0	15.5	15.0	13.5	14.0	22.5	21.0	21.5	22.0	20.5	21.5
8	16.5	15.0	16.0	14.0	13.0	13.5	23.0	21.0	22.0	23.0	21.0	22.0
9	17.0	15.5	16.5	13.5	13.0	13.0	23.0	22.0	22.5	23.5	22.0	22.5
10	17.5	16.0	17.0	14.0	13.0	13.5	23.0	22.0	22.5	24.5	22.5	23.5
11	17.5	16.5	17.0	13.5	13.0	13.5	24.0	22.5	23.0	---	---	---
12	18.0	17.0	17.5	13.5	13.0	13.5	24.0	22.5	23.0	---	---	---
13	17.5	15.5	16.5	13.5	13.0	13.5	22.5	21.5	22.0	---	---	---
14	15.5	13.5	14.5	14.0	13.5	13.5	22.0	21.5	21.5	---	---	---
15	14.0	13.0	14.0	14.0	13.0	13.5	22.0	21.0	21.5	24.0	23.0	23.5
16	14.0	13.0	14.0	13.5	13.0	13.0	21.5	21.0	21.5	24.0	22.5	23.0
17	15.0	14.0	14.5	14.5	13.0	13.5	21.0	20.0	20.0	24.5	23.0	23.5
18	16.5	14.5	15.0	16.0	13.5	14.5	20.0	18.5	19.5	26.0	23.5	24.0
19	16.5	15.0	15.5	17.0	14.5	15.5	20.5	18.5	19.5	26.0	24.0	24.5
20	16.0	15.0	15.5	17.0	15.0	16.0	20.5	19.0	19.5	26.5	24.5	25.0
21	15.5	15.0	15.0	17.0	15.5	16.0	22.0	19.5	20.5	26.5	25.0	25.5
22	15.0	13.0	13.5	17.5	15.5	16.0	22.5	20.5	21.0	26.5	25.0	25.5
23	13.5	12.0	12.5	18.0	16.0	16.5	23.0	21.0	22.0	26.0	25.5	25.5
24	12.5	11.0	12.0	18.0	16.5	17.0	23.0	22.0	22.5	26.0	25.5	25.5
25	12.5	11.0	11.5	19.0	17.0	18.0	23.0	21.5	22.0	26.0	25.5	26.0
26	12.5	11.5	12.0	18.5	17.0	17.5	22.5	21.5	22.0	26.5	25.5	26.0
27	13.0	12.0	12.5	17.0	16.0	16.5	23.5	22.0	22.5	26.5	26.0	26.0
28	13.5	13.0	13.0	17.0	16.0	16.5	24.0	22.5	23.0	26.5	26.0	26.0
29	---	---	---	17.0	16.5	17.0	23.0	21.5	22.0	27.0	26.0	26.5
30	---	---	---	17.5	16.5	17.0	21.5	19.0	20.0	27.0	26.0	26.5
31	---	---	---	17.5	16.5	17.0	---	---	---	27.0	26.0	26.5
MONTH	18.0	11.0	14.5	19.0	12.5	14.8	24.0	17.0	21.2	27.0	15.5	23.4

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.0	26.5	26.5	25.5	26.0	34.5	32.5	33.0	28.0	27.0	27.5
2	27.5	26.0	26.5	27.5	26.0	26.5	34.0	33.0	33.5	28.0	27.0	27.5
3	---	---	---	28.5	26.5	27.5	33.5	32.5	33.0	28.0	27.0	27.5
4	---	---	---	29.5	27.5	28.0	33.0	32.0	32.5	28.5	27.5	28.0
5	28.5	27.0	27.5	30.0	28.0	29.0	32.5	31.5	32.0	28.5	27.5	28.0
6	29.0	27.5	28.0	30.0	29.0	29.0	32.5	31.5	32.0	28.5	28.0	28.0
7	---	---	---	30.0	29.0	29.5	32.5	32.0	32.0	29.0	28.0	28.5
8	---	---	---	30.5	29.0	29.5	32.5	31.5	32.0	29.0	28.5	28.5
9	29.0	28.0	28.5	30.0	29.5	30.0	31.5	31.0	31.5	29.5	28.5	29.0
10	29.0	28.0	28.5	30.0	29.5	30.0	31.5	31.0	31.0	29.5	28.5	29.0
11	28.5	27.5	28.0	30.0	29.5	29.5	32.0	31.0	31.5	29.5	28.5	29.0
12	28.0	27.5	27.5	29.5	29.0	29.0	32.5	31.0	31.5	28.5	28.0	28.5
13	28.5	27.5	28.0	29.0	28.5	29.0	33.0	31.5	32.0	28.0	27.0	27.5
14	29.0	27.5	28.0	29.5	28.0	28.5	32.5	31.5	32.0	27.5	27.0	27.5
15	29.5	28.0	28.5	30.0	28.5	29.0	32.5	31.0	31.5	27.5	24.5	26.0
16	30.5	28.0	29.0	29.5	29.0	29.0	32.5	31.5	31.5	25.5	24.0	25.0
17	29.5	28.5	29.0	30.0	28.0	29.0	32.0	31.5	31.5	25.5	24.5	25.0
18	29.0	28.0	28.5	30.0	29.0	29.5	32.0	31.0	31.5	25.5	24.5	25.0
19	28.0	26.5	27.0	30.5	29.5	29.5	31.5	31.0	31.5	25.0	24.5	25.0
20	26.5	25.0	26.0	30.5	29.5	30.0	31.5	30.0	31.0	24.5	24.0	24.0
21	26.0	24.5	25.5	31.0	30.0	30.5	30.5	29.5	30.0	24.5	24.0	24.0
22	26.5	25.5	26.0	31.5	30.5	31.0	30.5	30.0	30.5	24.5	23.5	24.0
23	26.5	26.0	26.0	32.0	31.0	31.5	30.5	29.5	30.0	23.5	23.0	23.5
24	27.0	26.0	26.5	32.0	31.5	31.5	30.0	29.5	29.5	23.0	22.5	23.0
25	27.0	26.5	27.0	32.0	31.5	31.5	30.0	29.5	29.5	24.0	22.5	23.0
26	27.0	26.5	27.0	32.0	31.0	31.5	30.0	29.5	30.0	25.0	23.5	24.0
27	27.5	27.0	27.0	32.0	31.5	31.5	30.5	29.5	30.0	24.5	24.0	24.0
28	27.0	26.5	27.0	32.5	31.5	32.0	31.0	29.5	30.0	25.0	24.0	24.5
29	26.5	25.0	26.0	33.0	31.5	32.0	30.0	29.0	29.5	26.0	24.5	25.0
30	26.0	24.5	25.5	33.0	31.5	32.0	29.0	28.0	28.5	25.5	25.0	25.0
31	---	---	---	33.5	32.0	32.5	28.5	27.0	28.0	---	---	---
MONTH	30.5	24.5	27.2	33.5	25.5	29.8	34.5	27.0	31.1	29.5	22.5	26.1
YEAR	34.5	8.0	21.4									

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	8.2	6.8	7.6	8.3	7.6	8.0	---	---	---
2	---	---	---	7.7	6.6	7.3	8.1	7.4	7.9	---	---	---
3	---	---	---	7.4	6.4	6.9	7.8	7.3	7.7	---	---	---
4	---	---	---	6.9	6.0	6.6	7.8	7.1	7.5	---	---	---
5	---	---	---	7.5	6.4	7.0	7.8	7.0	7.4	---	---	---
6	---	---	---	8.0	7.1	7.4	7.8	7.0	7.4	---	---	---
7	---	---	---	8.5	7.4	7.8	7.9	7.2	7.5	---	---	---
8	---	---	---	8.8	7.7	8.1	7.9	7.2	7.5	---	---	---
9	---	---	---	8.6	7.7	8.1	7.9	7.3	7.6	9.6	9.2	9.4
10	---	---	---	8.5	7.8	8.1	8.1	7.4	7.7	9.7	9.1	9.4
11	---	---	---	8.3	8.0	8.2	8.2	7.4	7.9	9.8	9.1	9.5
12	---	---	---	8.3	7.8	8.1	8.2	7.7	8.0	---	---	---
13	---	---	---	8.5	7.9	8.2	8.1	7.6	7.9	---	---	---
14	---	---	---	8.3	7.7	8.1	8.2	7.7	8.0	10.2	9.6	9.9
15	---	---	---	8.1	7.5	7.8	8.7	7.9	8.4	9.8	9.1	9.5
16	---	---	---	8.0	7.3	7.7	8.9	8.4	8.7	9.8	9.0	9.5
17	---	---	---	7.9	7.2	7.7	9.3	8.6	8.9	9.7	9.1	9.4
18	---	---	---	8.2	7.2	7.8	9.5	8.7	9.1	9.4	8.6	9.0
19	---	---	---	8.3	7.6	8.0	9.4	8.7	9.1	9.1	8.1	8.7
20	---	---	---	8.2	7.6	8.0	9.4	8.7	9.1	8.9	8.3	8.7
21	---	---	---	8.6	7.7	8.2	9.5	8.6	9.0	8.9	8.4	8.7
22	---	---	---	8.9	8.1	8.4	9.1	8.6	8.8	8.7	8.2	8.5
23	---	---	---	9.2	8.3	8.6	8.9	8.5	8.8	8.5	7.9	8.2
24	---	---	---	9.1	8.5	8.7	8.9	8.5	8.7	8.2	7.4	7.8
25	---	---	---	9.1	8.3	8.7	9.5	8.8	9.1	8.0	7.3	7.7
26	---	---	---	9.2	8.4	8.8	10.1	9.3	9.6	8.0	7.4	7.8
27	---	---	---	9.2	8.7	8.9	10.4	9.6	10.0	7.9	7.4	7.7
28	---	---	---	9.0	8.6	8.8	10.2	9.8	10.0	7.9	7.2	7.7
29	---	---	---	8.9	8.3	8.7	---	---	---	7.8	7.3	7.6
30	8.3	7.5	7.9	8.6	7.8	8.4	---	---	---	7.9	7.2	7.6
31	8.5	7.2	7.8	---	---	---	---	---	---	8.3	7.5	8.0
MONTH	8.5	7.2	7.9	9.2	6.0	8.0	10.4	7.0	8.4	10.2	7.2	8.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	8.2	8.3	9.4	8.6	9.1	8.5	7.5	8.1	7.7	6.4	7.1
2	8.4	8.2	8.3	9.5	8.9	9.3	8.5	7.4	8.1	8.4	6.9	7.6
3	8.7	8.1	8.4	9.5	8.9	9.3	8.7	7.4	8.2	8.4	7.0	7.7
4	8.8	8.3	8.5	9.9	9.2	9.5	8.6	7.5	8.3	8.5	7.0	7.8
5	9.2	8.4	8.7	10.0	9.4	9.7	8.6	7.4	8.2	8.3	7.1	7.8
6	9.4	8.6	8.9	10.0	9.4	9.7	8.5	7.3	8.0	8.1	6.7	7.5
7	9.6	8.8	9.2	10.1	9.4	9.8	8.2	6.9	7.8	7.9	6.7	7.3
8	9.6	9.1	9.3	10.1	9.6	9.9	8.2	7.2	7.8	7.9	6.3	7.2
9	9.6	9.0	9.3	10.0	9.4	9.8	7.8	6.7	7.5	7.8	6.2	7.0
10	9.2	8.4	8.9	10.0	9.4	9.8	7.6	6.7	7.3	7.5	5.8	6.7
11	8.9	7.9	8.5	9.9	9.2	9.6	7.6	6.4	7.1	---	---	---
12	8.6	7.8	8.3	10.0	9.1	9.5	7.5	6.5	7.0	---	---	---
13	8.7	7.9	8.4	10.0	9.3	9.7	7.6	6.5	7.1	---	---	---
14	8.9	8.3	8.7	9.7	8.9	9.3	7.6	6.4	7.1	---	---	---
15	9.1	8.6	8.8	9.3	8.6	9.0	7.4	6.3	7.0	6.8	5.6	6.3
16	9.2	8.7	8.9	9.3	8.7	9.1	7.4	6.2	7.0	7.2	5.6	6.5
17	9.1	8.6	8.8	9.3	8.7	9.1	7.3	6.6	7.0	7.5	6.1	6.7
18	9.0	8.4	8.7	9.2	8.5	9.0	7.9	6.6	7.2	7.6	6.1	6.8
19	8.8	8.0	8.5	9.2	8.2	8.9	8.3	6.9	7.5	7.0	5.9	6.6
20	9.0	8.1	8.6	9.0	8.1	8.7	8.2	7.0	7.6	7.1	5.6	6.5
21	9.0	8.3	8.6	8.8	7.9	8.5	8.1	6.9	7.6	7.2	5.7	6.6
22	9.5	8.5	9.0	8.7	7.7	8.4	8.1	6.7	7.5	7.4	5.9	6.7
23	9.5	8.9	9.2	8.7	7.9	8.4	7.9	6.6	7.4	7.5	6.0	6.8
24	9.7	9.0	9.3	8.6	7.7	8.3	7.7	6.3	7.2	7.5	6.0	6.9
25	9.7	9.1	9.5	8.4	7.4	8.0	7.2	5.9	6.7	7.6	6.1	6.9
26	9.6	9.3	9.5	8.1	6.9	7.7	6.8	5.7	6.3	7.5	6.1	6.9
27	9.5	9.1	9.3	8.1	7.1	7.7	6.6	5.6	6.1	7.2	5.8	6.6
28	9.3	8.8	9.1	8.2	7.3	7.8	6.4	5.4	6.0	7.3	5.8	6.6
29	---	---	---	8.2	7.4	7.9	6.6	5.1	5.8	7.3	5.8	6.6
30	---	---	---	8.6	7.4	8.2	7.1	5.4	6.2	7.5	5.6	6.6
31	---	---	---	8.5	7.7	8.2	---	---	---	7.4	5.6	6.6
MONTH	9.7	7.8	8.8	10.1	6.9	8.9	8.7	5.1	7.3	8.5	5.6	6.9

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	5.6	6.6	6.2	5.0	5.7	6.3	4.2	5.4	7.6	5.5	6.3
2	7.6	5.7	6.6	6.2	4.8	5.6	6.4	4.4	5.6	7.9	5.8	6.9
3	---	---	---	6.2	4.8	5.6	6.9	4.3	5.9	8.1	6.2	7.2
4	---	---	---	6.8	4.8	5.8	6.7	4.6	5.8	7.9	5.9	7.1
5	6.3	4.7	5.7	6.9	4.9	5.9	6.1	4.0	5.3	7.3	5.5	6.7
6	6.4	4.3	5.6	6.7	5.1	5.9	5.8	4.2	5.1	7.1	5.3	6.4
7	---	---	---	6.9	4.9	5.9	5.7	3.7	4.8	6.9	5.5	6.2
8	---	---	---	7.0	5.1	6.1	5.7	4.1	4.9	6.8	5.2	6.0
9	6.5	4.4	5.6	6.6	5.1	5.9	5.8	3.9	4.9	6.7	5.1	6.1
10	5.6	4.1	5.1	6.5	5.0	5.7	6.3	4.1	5.3	7.0	5.2	6.3
11	5.5	4.0	4.8	6.0	4.8	5.5	---	---	---	7.1	5.4	6.5
12	5.4	4.1	4.9	5.5	4.3	5.1	6.8	4.7	5.8	7.1	5.6	6.6
13	5.5	4.2	4.9	5.2	4.0	4.6	6.8	4.9	5.8	7.1	5.8	6.6
14	5.6	4.3	5.0	5.4	3.5	4.5	6.5	4.6	5.6	7.0	5.7	6.5
15	5.9	4.3	5.0	5.8	3.9	4.6	5.9	4.4	5.2	7.3	5.9	6.6
16	6.0	4.2	5.1	4.8	4.1	4.4	5.4	4.1	4.8	7.3	6.7	6.9
17	5.6	4.2	5.0	5.1	3.5	4.3	5.0	3.7	4.4	7.4	6.4	6.9
18	6.3	4.3	5.2	5.2	3.9	4.6	5.0	3.6	4.3	7.4	6.1	6.8
19	6.0	5.0	5.5	5.4	3.8	4.7	5.2	3.8	4.5	6.8	5.7	6.4
20	5.7	5.0	5.4	6.1	4.5	5.2	5.1	4.0	4.5	6.4	5.4	6.1
21	6.0	4.9	5.5	6.6	4.9	5.6	5.3	3.9	4.6	6.5	5.3	5.9
22	6.2	4.9	5.6	6.5	4.8	5.8	5.4	4.4	4.9	7.0	5.3	6.1
23	6.6	5.5	6.1	6.5	4.9	5.8	---	---	---	7.5	6.0	6.8
24	6.8	5.6	6.3	6.5	5.0	5.8	---	---	---	7.2	6.5	6.9
25	6.4	5.4	6.0	5.6	4.4	5.1	---	---	---	7.3	6.2	6.9
26	6.4	5.0	5.8	---	---	---	5.4	4.4	5.0	7.1	6.1	6.6
27	6.2	5.1	5.7	---	---	---	5.0	3.9	4.6	6.5	5.0	5.5
28	6.0	4.9	5.6	6.4	4.6	5.6	5.3	3.9	4.7	5.6	4.6	5.0
29	6.7	4.9	5.9	6.0	4.0	5.1	5.4	4.1	4.8	5.5	4.2	4.9
30	6.4	5.4	6.0	5.8	4.0	5.1	6.1	4.5	5.3	6.1	4.5	5.3
31	---	---	---	6.2	4.2	5.3	7.2	5.0	5.9	---	---	---
MONTH	7.6	4.0	5.6	7.0	3.5	5.3	7.2	3.6	5.1	8.1	4.2	6.4
YEAR	10.4	3.5	7.2									

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC

LOCATION.--Lat 32°23'40'', long 80°40'32'', Beaufort County, Hydrologic Unit 03050208, attached to concrete pier of SC Highway 802 bridge near U.S. Naval Hospital in Port Royal near main channel of Beaufort River (Intracoastal Waterway), approximately 1,000 ft from west end of bridge.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--September 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.08 ft, May. 16, 1999; minimum gage height, 5.20 ft, Apr. 18, 1999

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.08 ft, May 16; minimum gage height, 5.20 ft, Apr. 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	15.56	6.81	11.82	---	---	---	15.98	5.83	11.45
2	---	---	---	15.90	6.48	11.80	---	---	---	16.69	6.31	12.15
3	---	---	---	16.26	6.39	11.76	---	---	---	16.09	6.20	11.25
4	---	---	---	16.12	5.70	11.41	---	---	---	14.77	5.55	10.30
5	---	---	---	16.60	6.20	11.85	---	---	---	14.41	6.00	10.47
6	---	---	---	16.65	6.73	11.76	---	---	---	14.81	6.91	11.01
7	---	---	---	15.87	6.43	11.22	---	---	---	14.26	7.11	10.82
8	---	---	---	15.51	6.66	11.17	---	---	---	14.25	7.72	11.09
9	---	---	---	15.00	7.05	11.10	13.78	6.58	10.45	14.05	7.92	11.17
10	---	---	---	14.85	7.50	11.24	14.34	8.08	11.16	13.64	8.32	11.10
11	---	---	---	14.19	7.10	10.88	14.26	8.12	11.38	14.13	7.83	11.01
12	---	---	---	14.10	7.63	10.99	14.52	8.16	11.66	13.74	7.50	10.84
13	---	---	---	14.49	8.02	11.50	14.54	6.93	11.22	14.09	7.33	10.87
14	---	---	---	14.53	7.58	11.52	14.13	7.66	11.38	14.29	7.30	10.94
15	---	---	---	14.53	7.24	11.17	14.98	8.05	11.83	14.47	6.68	10.80
16	---	---	---	14.55	7.15	11.23	14.48	7.58	11.30	14.84	6.63	11.17
17	---	---	---	14.56	7.03	11.02	14.56	7.15	10.86	15.15	6.97	11.39
18	---	---	---	14.83	6.80	11.31	15.04	6.95	11.22	15.25	6.50	11.09
19	---	---	---	---	---	---	15.13	7.12	11.39	14.88	6.09	10.79
20	---	---	---	---	---	---	14.96	6.88	11.18	15.01	6.50	11.02
21	---	---	---	---	---	---	14.76	6.74	11.00	14.97	6.59	11.10
22	14.35	7.38	11.16	---	---	---	14.63	6.50	10.86	14.85	6.64	11.10
23	14.95	8.00	11.62	---	---	---	15.04	7.59	11.26	14.91	6.86	11.17
24	14.68	7.71	11.40	---	---	---	15.07	7.35	11.37	15.04	6.58	11.02
25	14.39	7.87	11.21	---	---	---	15.06	8.06	11.56	14.19	6.78	10.85
26	14.18	7.95	11.11	---	---	---	15.07	7.91	11.83	14.66	7.65	11.32
27	14.37	7.99	11.16	---	---	---	15.21	7.32	11.69	15.38	6.38	11.34
28	14.55	8.40	11.43	---	---	---	15.44	6.99	11.68	15.17	5.89	11.02
29	14.61	7.82	11.30	---	---	---	15.65	6.48	11.70	15.23	5.75	11.13
30	14.86	7.23	11.52	---	---	---	15.43	6.18	11.11	16.09	6.32	11.82
31	15.19	6.88	11.53	---	---	---	15.82	6.09	11.43	16.80	7.36	12.44
MONTH	15.19	6.88	11.34	16.65	5.70	11.38	15.82	6.09	11.33	16.80	5.55	11.13

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.75	7.89	12.41	14.98	5.87	10.98	14.56	6.45	10.95	16.10	8.48	12.23
2	15.98	6.63	11.55	15.47	6.58	11.53	14.81	6.38	10.86	15.90	8.50	12.36
3	15.43	6.58	11.27	15.75	6.30	11.18	14.83	6.95	11.09	15.31	8.13	11.85
4	14.79	6.59	11.05	14.53	5.70	10.40	14.44	7.46	11.18	15.14	7.99	11.64
5	14.61	7.51	11.18	14.47	6.92	11.02	15.12	7.18	11.22	15.02	8.17	11.62
6	14.30	7.87	11.35	14.17	7.30	11.00	15.14	8.52	11.88	14.62	8.01	11.31
7	13.95	8.02	11.18	13.81	7.21	10.69	14.49	8.04	11.16	14.63	7.83	11.10
8	13.52	8.13	10.89	13.74	8.49	11.28	13.85	7.83	10.87	13.96	7.62	10.85
9	14.25	8.81	11.57	14.30	8.19	11.45	14.04	8.17	11.11	13.87	7.35	10.98
10	14.36	8.53	11.54	13.59	8.66	11.27	13.89	7.65	11.12	14.32	7.26	11.21
11	14.72	8.12	11.63	14.37	8.72	11.63	15.10	7.80	11.92	15.03	7.48	11.66
12	14.55	6.09	11.16	14.26	8.42	11.56	15.08	6.91	11.46	15.61	6.92	11.84
13	14.03	6.09	10.64	14.51	8.50	11.79	15.95	7.29	12.21	16.09	6.32	11.73
14	14.98	6.72	11.42	15.65	7.13	12.21	16.14	6.74	11.97	16.65	5.97	11.70
15	15.29	6.82	11.36	14.48	6.39	10.94	16.51	6.63	12.07	16.95	6.28	11.83
16	15.30	6.46	11.30	15.34	6.76	11.52	15.76	5.28	10.86	17.08	6.62	12.04
17	15.43	6.25	11.26	15.24	6.15	11.22	15.72	5.23	10.77	17.01	6.91	12.06
18	15.56	6.33	11.40	15.31	5.79	11.00	15.44	5.20	10.62	16.63	6.98	12.03
19	15.97	6.90	11.65	15.81	5.63	11.08	15.23	5.62	10.57	16.51	7.12	11.68
20	15.71	7.43	11.82	15.85	6.10	11.16	15.18	5.98	10.45	16.01	7.37	11.68
21	15.80	7.27	11.78	15.50	5.60	11.00	14.56	6.26	10.57	15.64	7.57	11.59
22	15.56	7.79	11.81	14.79	6.20	10.65	14.88	7.01	10.89	15.14	7.56	11.49
23	15.65	7.98	11.91	14.99	6.48	10.75	14.56	6.98	10.80	14.66	7.38	11.38
24	15.61	7.52	11.85	14.74	6.89	10.79	14.49	6.58	11.09	14.36	7.25	11.18
25	15.68	6.97	11.83	14.40	6.93	10.82	15.24	7.99	12.06	14.73	7.35	11.26
26	15.16	7.35	11.79	14.85	8.04	11.55	14.93	7.58	11.73	14.88	7.48	11.35
27	15.72	7.28	11.83	14.90	7.01	11.49	14.99	7.46	11.63	15.19	7.15	11.49
28	15.57	6.73	11.26	14.77	6.95	11.23	15.34	7.41	11.82	15.08	7.42	11.49
29	---	---	---	14.76	6.54	11.16	15.61	7.94	11.97	14.87	7.31	11.29
30	---	---	---	15.14	6.65	11.39	15.69	8.26	12.12	14.96	7.21	11.22
31	---	---	---	15.29	7.01	11.57	---	---	---	15.04	7.59	11.36
MONTH	16.75	6.09	11.49	15.85	5.60	11.20	16.51	5.20	11.30	17.08	5.97	11.56

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.99	7.63	11.35	14.71	6.79	10.79	15.11	7.12	11.43	16.16	7.97	12.36
2	14.87	7.70	11.26	15.00	7.44	11.25	15.09	6.95	11.54	16.49	8.49	12.58
3	14.32	7.37	10.89	14.82	7.23	11.19	15.72	7.62	11.96	16.96	8.87	13.00
4	14.51	6.83	10.91	14.82	7.13	11.21	15.84	7.82	12.11	16.53	8.42	12.79
5	14.58	7.96	11.56	14.64	7.04	11.10	15.67	7.37	11.88	15.95	7.65	12.21
6	14.75	7.84	11.44	14.55	6.65	11.08	15.80	7.09	11.81	15.97	7.15	11.87
7	14.56	7.66	11.43	14.74	6.85	11.08	15.88	6.80	11.79	16.04	6.88	11.81
8	14.95	7.40	11.52	15.11	6.16	11.03	15.92	6.19	11.54	16.13	7.03	11.94
9	15.05	6.73	11.35	15.46	5.74	11.07	16.13	5.93	11.36	16.15	7.04	11.94
10	15.60	6.20	11.46	---	---	---	16.82	6.61	11.87	15.88	7.15	11.88
11	16.64	6.58	11.91	---	---	---	16.45	6.69	11.92	15.87	7.52	12.05
12	17.02	6.89	12.33	---	---	---	16.27	6.63	11.71	15.73	8.25	12.27
13	17.04	6.40	12.05	---	---	---	15.85	6.92	11.72	15.45	8.39	12.14
14	16.67	6.18	11.80	---	---	---	15.33	7.09	11.66	15.48	8.74	12.25
15	16.31	6.18	11.48	16.25	6.90	11.65	14.89	7.36	11.53	15.20	8.37	12.20
16	16.01	6.62	11.39	15.63	7.18	11.56	14.83	7.19	11.30	14.87	8.16	11.55
17	15.85	6.84	11.36	15.59	7.09	11.41	14.36	7.49	11.35	14.67	8.60	11.59
18	15.86	7.59	11.99	14.93	7.07	11.18	14.35	7.84	11.34	14.59	8.89	11.76
19	16.03	8.52	12.27	---	---	---	14.16	7.72	11.07	14.57	8.84	11.80
20	15.39	7.84	11.72	---	---	---	14.21	7.55	11.08	15.14	8.60	11.95
21	14.71	7.98	11.57	---	---	---	14.27	7.79	11.16	15.76	8.78	12.39
22	14.77	8.12	11.70	---	---	---	15.04	7.91	11.53	15.98	8.73	12.47
23	15.10	8.21	11.87	14.54	7.80	11.35	15.39	8.36	12.03	16.36	8.27	12.54
24	14.99	8.06	11.80	14.75	7.51	11.28	15.49	7.93	11.95	16.31	8.00	12.52
25	14.99	7.71	11.55	14.81	7.38	11.19	15.48	7.25	11.69	16.27	7.23	12.18
26	14.75	7.34	11.25	15.00	7.33	11.19	15.54	6.99	11.44	15.98	6.93	11.89
27	14.68	7.34	11.17	15.43	7.21	11.29	15.46	6.69	11.35	16.28	6.87	11.94
28	14.48	6.91	10.83	15.58	7.38	11.56	15.94	6.83	11.58	16.21	7.02	11.95
29	14.42	6.72	10.66	15.48	7.25	11.47	16.11	7.48	12.06	16.40	7.32	12.08
30	14.77	6.74	10.92	15.56	7.07	11.43	15.96	7.77	12.30	16.18	6.98	11.89
31	---	---	---	15.35	7.02	11.36	15.94	7.70	12.14	---	---	---
MONTH	17.04	6.18	11.49	16.25	5.74	11.26	16.82	5.93	11.65	16.96	6.87	12.13
YEAR	17.08	5.20	11.45									

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 1999.

WATER TEMPERATURE: October 1998 to September 1999.

DISSOLVED OXYGEN: October 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,600 microsiemens, Sep. 20, 1999; minimum, 41,800 microsiemens Jul. 3, 5, 1999.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 2, 1999; minimum, 8.5°C, Jan. 7, 1999.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Jan. 14, 15, 1999; minimum, 3.7 mg/L, Jul. 7, Aug. 6, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,600 microsiemens, Sep. 20; minimum, 41,800 microsiemens Jul. 3, 5.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 2; minimum, 8.5°C, Jan. 7.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Jan. 14, 15; minimum, 3.7 mg/L, Jul. 7, Aug. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	49500	48500	49100	---	---	---	51200	50200	50700
2	---	---	---	49600	48500	49200	---	---	---	51100	50200	50700
3	---	---	---	49600	48600	49200	---	---	---	50800	49300	50100
4	---	---	---	49800	48500	49300	---	---	---	50500	49400	50000
5	---	---	---	50100	49000	49600	---	---	---	50600	49600	50100
6	---	---	---	50400	49300	49900	---	---	---	50700	49800	50200
7	---	---	---	50400	49100	49900	---	---	---	50600	49800	50200
8	---	---	---	50600	49500	50100	---	---	---	50300	49700	50000
9	---	---	---	50700	49300	50200	50200	49800	50000	50100	49500	49900
10	---	---	---	50600	49400	50000	50400	50000	50200	50000	49500	49800
11	---	---	---	50300	49000	49700	51000	50200	50600	50100	49600	49800
12	---	---	---	50100	48900	49400	50900	49800	50400	50100	49600	49800
13	---	---	---	50400	49000	49700	51000	49900	50500	50100	49500	49800
14	---	---	---	50500	49300	50000	51100	49900	50700	50100	49500	49800
15	---	---	---	50500	49300	49900	51400	50000	50900	50100	49400	49700
16	---	---	---	50500	49100	49800	51600	50000	51000	50100	49300	49700
17	---	---	---	50400	49600	50000	51600	50200	50900	50100	49200	49600
18	---	---	---	50400	49300	49800	51900	50600	51300	50000	48900	49400
19	---	---	---	---	---	---	51800	50700	51300	49900	48800	49300
20	---	---	---	---	---	---	51600	50400	51100	49700	48800	49200
21	---	---	---	---	---	---	51700	50400	51100	49600	48600	49100
22	48300	46800	47600	---	---	---	51800	50500	51200	49600	48600	49100
23	48600	47400	48100	---	---	---	51600	51100	51400	49700	48400	49100
24	48800	47700	48300	---	---	---	51600	51000	51300	49200	47300	48100
25	49000	47900	48500	---	---	---	51600	51000	51300	48500	47400	47900
26	49000	48100	48600	---	---	---	51500	50600	51100	48700	47200	48000
27	49100	48300	48700	---	---	---	51400	50300	50900	---	---	---
28	49200	48300	48800	---	---	---	51200	50200	50800	---	---	---
29	49300	48400	48900	---	---	---	51100	50000	50700	49000	47200	48000
30	49400	48400	49000	---	---	---	51100	50000	50600	49200	47100	48100
31	49500	48400	49100	---	---	---	---	---	---	49500	47300	48300
MONTH	49500	46800	48600	50700	48500	49700	51900	49800	50900	51200	47100	49400

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	49300	46800	48000	49000	46700	48000	49400	48300	49000	50600	48500	49600
2	48600	46000	47300	49000	47100	48200	49400	48300	49000	50500	48200	49400
3	48300	46100	47100	49000	47300	48300	49300	48400	48900	50200	47700	48900
4	47900	46100	47000	49100	47700	48500	49200	48400	48900	50100	48300	49200
5	47700	46200	47000	49100	48000	48600	49200	48400	48800	50100	48100	49300
6	47600	46300	46900	49100	48000	48600	49100	48200	48800	49900	48300	49100
7	47400	46300	46900	48900	48000	48600	49100	48200	48700	49800	47900	49000
8	47200	46300	46800	49000	48200	48700	49000	48000	48500	49600	48400	48900
9	47400	46100	46800	49100	48000	48600	48800	47900	48500	49600	48300	49100
10	47400	45800	46700	48900	48000	48600	48800	48100	48500	---	---	---
11	47400	45400	46400	---	---	---	48800	47800	48400	---	---	---
12	47600	44800	46500	49100	47900	48600	48600	47800	48300	---	---	---
13	47600	44800	46200	49200	47700	48700	48800	47800	48400	---	---	---
14	48400	46100	47400	49400	47400	48600	48900	48100	48600	---	---	---
15	48600	45800	47100	49300	46900	48400	49000	48000	48600	50300	48100	49100
16	48700	45700	47100	49300	47200	48500	49100	47800	48600	50300	47800	49100
17	48800	45700	47100	49500	47300	48600	49300	48400	48900	50100	47800	49100
18	48700	45600	47100	49500	47700	48800	49600	48800	49200	50100	48000	49100
19	48700	46000	47400	49500	47700	48800	49800	48400	49300	50100	48000	49200
20	48800	45400	47200	49400	47900	48800	49800	49100	49500	50000	48500	49200
21	48800	45300	46900	49400	47700	48700	49800	49100	49500	50000	48100	49100
22	48800	46000	47500	49400	48000	48700	49800	49100	49400	49800	48300	49100
23	---	---	---	49300	48000	48700	49800	49100	49500	49700	48100	49000
24	---	---	---	49200	48100	48600	49800	49200	49500	50000	48400	49300
25	---	---	---	49100	48100	48600	49900	49100	49600	49900	48900	49500
26	48900	46200	47700	49000	48200	48700	49900	49200	49600	49800	48900	49500
27	49000	46300	47800	49200	48200	48800	50000	49200	49500	50000	48800	49600
28	48900	45500	47500	49300	48200	48800	49900	49100	49500	50000	49500	49800
29	---	---	---	49200	48200	48800	50200	49100	49700	50200	49600	49900
30	---	---	---	49300	48200	48900	50400	48700	49700	50300	49600	50000
31	---	---	---	49400	48200	48900	---	---	---	50400	49600	50100
MONTH	49300	44800	47100	49500	46700	48600	50400	47800	49000	50600	47700	49300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50500	49900	50300	46300	42600	43800	47600	45300	46700	49700	47500	48600
2	50700	50000	50400	46400	42200	43700	47600	45500	46600	49900	47300	48500
3	50900	49800	50500	46400	41800	43600	47800	45900	46800	50100	47500	48700
4	50600	49800	50200	46000	42100	43600	48100	45900	47000	50400	47900	49100
5	50500	49400	50000	45800	41800	43700	48200	45800	47000	50600	48300	49500
6	50400	49000	49800	46100	42400	44000	48500	46000	47200	51000	48700	49900
7	50400	49000	49800	46400	42700	44300	48500	46000	47100	51200	49200	50300
8	50600	49300	50000	46500	42800	44500	48500	46000	47300	51800	49700	50800
9	50500	49600	50100	46600	43100	44700	48600	46200	47400	51300	49600	50500
10	50500	49400	50000	---	---	---	48800	46700	47800	51400	49700	50500
11	---	---	---	---	---	---	49400	46800	48200	51600	50000	50900
12	---	---	---	---	---	---	49400	47600	48600	52000	50200	51200
13	---	---	---	---	---	---	49300	47600	48400	52100	50100	51200
14	---	---	---	---	---	---	49200	47800	48500	---	---	---
15	50300	49100	49700	46600	43100	44800	49400	47700	48600	52400	47900	51000
16	50200	48700	49500	46700	43500	45000	49300	47700	48600	52200	50200	51100
17	50100	48300	49300	46700	43700	45200	49400	48300	48700	---	---	---
18	50200	48500	49400	46600	44000	45400	49500	48200	48900	52200	50400	51300
19	50300	49200	49800	---	---	---	49500	48300	48900	52200	49900	51200
20	50400	48900	49900	---	---	---	49400	47800	48800	52600	49600	51300
21	50500	49500	50100	---	---	---	49400	48000	48800	52100	49600	50900
22	50800	49300	50100	---	---	---	49500	48000	48900	52200	49400	50900
23	51000	49900	50600	47800	45900	46800	49600	47800	48900	52200	49600	51000
24	51000	49900	50500	48000	45900	47000	---	---	---	52200	49400	50900
25	51100	49800	50600	48100	46100	47100	---	---	---	52000	49300	50700
26	51000	49400	50300	48200	46300	47200	49500	47700	48600	51500	49100	50200
27	50900	50100	50500	47900	46000	47100	49600	47600	48700	51600	48600	50000
28	50700	48600	49900	47900	46000	46900	49800	47800	48700	51000	48400	49700
29	50000	43900	47300	47800	45900	46800	49800	47600	48700	50800	48300	49600
30	46300	42100	44200	47600	45900	46800	50100	47600	48800	51000	48300	49700
31	---	---	---	47700	45800	46800	---	---	---	---	---	---
MONTH	51100	42100	49700	48200	41800	45400	50100	45300	48100	52600	47300	50300
YEAR	52600	41800	48900									

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	22.0	21.5	21.5	---	---	---	11.5	11.0	11.0
2	---	---	---	22.0	21.5	22.0	---	---	---	11.5	10.5	11.0
3	---	---	---	22.0	22.0	22.0	---	---	---	11.5	11.0	11.5
4	---	---	---	22.0	21.5	22.0	---	---	---	11.5	10.5	11.0
5	---	---	---	21.5	20.0	20.5	---	---	---	10.5	9.5	10.0
6	---	---	---	20.0	19.0	19.5	---	---	---	9.5	9.0	9.5
7	---	---	---	19.5	18.5	18.5	---	---	---	9.5	8.5	9.0
8	---	---	---	18.5	18.0	18.0	---	---	---	9.5	9.0	9.5
9	---	---	---	18.5	18.0	18.5	20.5	20.0	20.5	10.5	9.5	9.5
10	---	---	---	19.0	18.5	18.5	20.0	19.5	20.0	10.0	10.0	10.0
11	---	---	---	19.5	19.0	19.5	19.5	18.5	19.0	10.0	9.5	10.0
12	---	---	---	19.5	19.0	19.5	18.5	17.5	18.0	10.0	9.5	10.0
13	---	---	---	19.0	19.0	19.0	18.0	17.5	18.0	10.0	10.0	10.0
14	---	---	---	19.0	18.5	19.0	18.0	16.5	17.5	10.5	10.0	10.5
15	---	---	---	19.0	18.5	19.0	17.0	15.0	16.0	11.0	10.5	11.0
16	---	---	---	19.5	19.0	19.0	15.5	14.5	15.0	11.5	10.5	11.0
17	---	---	---	19.5	19.0	19.5	15.0	14.0	14.5	11.5	11.0	11.5
18	---	---	---	19.5	19.5	19.5	14.5	13.5	14.0	12.5	11.5	12.0
19	---	---	---	---	---	---	14.0	13.5	13.5	12.5	12.0	12.0
20	---	---	---	---	---	---	14.5	13.5	14.0	13.0	12.0	12.5
21	---	---	---	---	---	---	15.0	14.0	14.5	13.5	12.0	12.5
22	24.0	22.5	23.0	---	---	---	15.5	14.5	15.0	14.5	12.5	13.5
23	22.5	21.0	21.5	---	---	---	15.5	15.0	15.0	15.5	13.5	14.5
24	21.5	20.5	21.0	---	---	---	15.0	14.5	14.5	16.0	14.5	15.5
25	21.0	20.5	21.0	---	---	---	14.5	13.0	14.0	16.0	15.0	15.5
26	21.0	20.5	21.0	---	---	---	13.5	11.5	12.5	15.5	15.0	15.5
27	21.0	20.5	21.0	---	---	---	12.0	11.0	11.5	15.5	14.5	15.5
28	21.5	21.0	21.0	---	---	---	12.0	11.5	11.5	16.0	14.5	15.5
29	21.5	21.0	21.0	---	---	---	12.0	11.5	12.0	16.0	15.0	15.5
30	21.5	21.0	21.5	---	---	---	12.0	11.5	11.5	16.0	15.0	15.5
31	21.5	21.5	21.5	---	---	---	---	---	---	15.5	14.0	15.0
MONTH	24.0	20.5	21.4	22.0	18.0	19.7	20.5	11.0	15.1	16.0	8.5	12.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.5	13.5	14.0	13.0	13.0	13.0	17.5	16.5	17.0	19.5	17.5	18.5
2	14.0	13.5	14.0	13.5	13.0	13.0	18.5	17.0	17.5	18.0	16.5	17.5
3	14.5	13.5	14.0	14.0	13.0	13.5	19.5	17.5	18.5	18.5	17.5	18.0
4	15.0	14.0	14.5	13.0	12.5	13.0	20.5	18.5	19.5	19.5	18.5	19.0
5	15.0	14.5	14.5	13.0	12.5	13.0	21.0	19.5	20.0	20.0	19.0	19.5
6	15.0	14.5	14.5	13.5	13.0	13.0	21.5	20.0	20.5	21.0	19.5	20.0
7	15.5	14.5	15.0	14.0	13.5	13.5	21.5	20.0	21.0	21.5	20.5	21.0
8	16.0	15.0	15.5	13.5	13.0	13.0	22.0	20.5	21.5	22.5	21.0	21.5
9	16.5	15.5	16.0	13.5	13.0	13.0	22.0	21.5	22.0	23.0	21.5	22.0
10	16.5	16.0	16.0	13.5	13.0	13.0	22.5	21.5	22.0	---	---	---
11	17.0	16.0	16.5	13.5	13.0	13.0	23.0	21.5	22.5	---	---	---
12	17.5	16.5	17.0	13.5	13.0	13.0	23.0	22.0	22.5	---	---	---
13	17.0	15.5	16.5	13.5	13.0	13.0	22.5	21.0	21.5	---	---	---
14	16.0	14.5	15.0	13.5	13.0	13.5	22.0	20.5	21.5	---	---	---
15	14.5	14.0	14.0	13.5	13.0	13.5	21.5	21.0	21.5	24.0	23.0	23.5
16	14.0	13.5	14.0	13.5	13.0	13.0	21.5	20.5	21.0	23.5	22.5	23.0
17	14.5	14.0	14.0	14.0	13.0	13.5	20.5	19.5	20.0	24.0	23.0	23.5
18	15.5	14.5	15.0	15.0	13.5	14.0	20.0	19.0	19.5	24.5	23.0	23.5
19	16.0	15.0	15.5	15.5	14.0	14.5	19.5	19.0	19.5	24.5	23.5	24.0
20	15.5	15.0	15.0	16.0	14.5	15.0	20.0	19.0	19.5	25.0	24.0	24.5
21	15.0	14.5	15.0	16.5	15.0	15.5	21.0	19.5	20.0	25.5	24.5	25.0
22	14.5	13.5	14.0	16.0	15.0	15.5	21.5	20.0	20.5	26.0	25.0	25.5
23	13.5	12.5	13.0	17.0	15.5	16.0	22.5	20.5	21.5	26.0	25.0	25.5
24	13.0	12.0	12.5	17.5	16.0	16.5	22.5	21.5	22.0	26.0	25.0	25.5
25	12.5	11.5	12.0	18.0	16.5	17.0	22.5	21.0	21.5	26.0	25.0	25.5
26	12.5	12.0	12.0	17.5	17.0	17.0	22.0	21.0	21.5	26.5	25.5	26.0
27	13.0	12.5	12.5	17.0	16.0	16.5	23.0	21.5	22.0	26.0	25.5	26.0
28	13.5	13.0	13.0	17.0	16.0	16.5	23.5	22.0	22.5	26.5	25.5	26.0
29	---	---	---	17.0	16.0	16.5	23.0	21.0	22.0	26.5	26.0	26.0
30	---	---	---	17.0	16.5	16.5	21.5	19.5	20.5	26.5	26.0	26.0
31	---	---	---	17.0	16.5	16.5	---	---	---	26.5	26.0	26.0
MONTH	17.5	11.5	14.4	18.0	12.5	14.4	23.5	16.5	20.8	26.5	16.5	23.2

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.0	26.0	26.0	26.0	26.0	33.5	32.0	32.5	28.0	27.5	27.5
2	27.0	26.0	26.5	27.0	26.0	26.5	33.5	32.5	33.0	27.5	27.0	27.5
3	27.0	26.0	26.5	28.0	26.5	27.0	33.0	32.0	32.5	28.0	27.5	27.5
4	27.5	26.5	27.0	28.5	27.0	27.5	32.5	32.0	32.5	28.0	27.5	27.5
5	27.5	27.0	27.5	29.5	28.0	28.5	32.5	32.0	32.0	28.0	27.5	28.0
6	28.0	27.0	27.5	29.5	28.5	29.0	32.0	31.5	32.0	28.5	27.5	28.0
7	28.5	27.5	28.0	29.5	28.5	29.0	32.5	31.5	32.0	28.5	28.0	28.0
8	28.5	28.0	28.0	30.0	29.0	29.5	32.0	31.5	32.0	29.0	28.0	28.5
9	29.0	28.0	28.5	30.0	29.0	29.5	32.0	31.0	31.5	29.0	28.5	28.5
10	29.0	28.0	28.5	---	---	---	31.5	31.0	31.0	29.0	28.0	28.5
11	28.5	27.5	28.0	---	---	---	32.0	31.0	31.0	29.0	28.0	28.5
12	28.0	27.5	27.5	---	---	---	32.0	31.0	31.5	28.5	27.5	28.0
13	28.0	27.0	27.5	---	---	---	32.0	31.0	31.5	27.5	27.5	27.5
14	28.5	27.5	28.0	---	---	---	32.0	31.0	31.5	27.5	27.0	27.0
15	29.0	27.5	28.0	29.5	28.5	29.0	32.0	31.0	31.5	27.0	25.0	26.5
16	29.5	28.0	28.5	29.0	28.5	29.0	32.0	31.0	31.5	25.5	24.5	25.0
17	29.0	28.0	28.5	29.5	28.5	29.0	32.0	31.5	31.5	25.5	25.0	25.0
18	28.5	28.0	28.0	29.5	29.0	29.5	31.5	31.0	31.5	25.0	25.0	25.0
19	28.0	26.5	27.5	---	---	---	31.5	31.0	31.5	25.0	24.5	25.0
20	27.0	26.0	26.5	---	---	---	31.5	30.5	31.0	24.5	24.0	24.5
21	26.0	25.5	26.0	---	---	---	31.0	30.0	30.5	24.5	24.0	24.0
22	26.5	26.0	26.0	---	---	---	30.5	30.5	30.5	24.5	24.0	24.0
23	26.5	26.0	26.0	31.5	30.5	31.0	30.5	30.0	30.5	24.0	23.5	23.5
24	27.0	26.0	26.5	32.0	31.0	31.5	30.0	30.0	30.0	23.5	23.5	23.5
25	27.0	26.5	26.5	32.0	31.0	31.5	30.0	29.5	30.0	24.0	23.0	23.5
26	27.0	26.5	27.0	32.0	31.0	31.5	30.0	29.5	29.5	24.5	23.5	24.0
27	27.5	27.0	27.0	32.0	31.0	31.5	30.0	29.5	29.5	24.5	24.0	24.5
28	27.0	26.5	27.0	32.5	31.5	32.0	30.5	29.5	30.0	25.0	24.0	24.5
29	26.5	25.5	26.0	32.5	31.5	32.0	30.0	29.0	29.5	25.5	24.5	25.0
30	26.0	25.5	25.5	32.5	31.5	32.0	29.0	28.5	28.5	25.5	25.0	25.0
31	---	---	---	33.0	31.5	32.0	28.5	27.5	28.0	---	---	---
MONTH	29.5	25.5	27.2	33.0	26.0	29.7	33.5	27.5	31.0	29.0	23.0	26.1
YEAR	33.5	8.5	21.3									

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	9.1	8.9	9.0
2	---	---	---	---	---	---	---	---	---	9.2	8.9	9.1
3	---	---	---	---	---	---	---	---	---	9.2	9.0	9.1
4	---	---	---	---	---	---	---	---	---	9.5	9.0	9.3
5	---	---	---	---	---	---	---	---	---	9.8	9.2	9.5
6	---	---	---	---	---	---	---	---	---	10.1	9.6	9.8
7	---	---	---	---	---	---	---	---	---	10.5	9.8	10.0
8	---	---	---	---	---	---	---	---	---	10.5	10.1	10.3
9	---	---	---	---	---	---	7.9	7.3	7.6	10.4	10.2	10.3
10	---	---	---	---	---	---	8.1	7.5	7.8	10.6	10.1	10.3
11	---	---	---	---	---	---	8.3	7.7	7.9	10.9	10.3	10.6
12	---	---	---	---	---	---	8.2	7.9	8.1	11.3	10.5	10.8
13	---	---	---	---	---	---	8.1	7.8	7.9	11.4	10.6	11.1
14	---	---	---	---	---	---	8.2	7.8	8.0	11.6	10.7	11.2
15	---	---	---	---	---	---	8.5	7.9	8.3	11.6	10.8	11.2
16	---	---	---	---	---	---	8.7	8.3	8.4	11.5	10.7	11.2
17	---	---	---	---	---	---	8.8	8.4	8.6	11.3	10.6	11.0
18	---	---	---	---	---	---	9.1	8.6	8.8	11.0	10.3	10.6
19	---	---	---	---	---	---	9.1	8.7	8.9	10.6	10.2	10.4
20	---	---	---	---	---	---	9.1	8.7	8.8	10.6	10.2	10.4
21	---	---	---	---	---	---	9.0	8.7	8.8	10.5	10.1	10.3
22	---	---	---	---	---	---	9.0	8.4	8.6	10.3	10.1	10.2
23	---	---	---	---	---	---	8.6	8.3	8.4	10.3	9.7	10.0
24	---	---	---	---	---	---	8.6	8.2	8.4	9.9	9.1	9.5
25	---	---	---	---	---	---	8.6	8.2	8.4	9.6	8.9	9.2
26	---	---	---	---	---	---	8.9	8.5	8.7	9.5	8.8	9.1
27	---	---	---	---	---	---	9.1	8.7	8.9	9.4	8.6	9.0
28	---	---	---	---	---	---	9.1	8.9	9.0	9.2	8.4	8.8
29	---	---	---	---	---	---	9.1	8.8	8.9	9.0	8.3	8.6
30	---	---	---	---	---	---	9.1	8.8	8.9	8.9	8.2	8.5
31	---	---	---	---	---	---	---	---	---	9.2	8.2	8.7
MONTH	---	---	---	---	---	---	9.1	7.3	8.5	11.6	8.2	9.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.3	8.9	9.1	9.7	9.2	9.4	8.5	7.8	8.2	6.9	5.4	6.2
2	9.1	8.9	9.0	9.6	9.3	9.4	8.4	7.6	8.1	7.6	6.2	6.8
3	9.0	8.7	8.9	9.5	9.2	9.4	8.5	7.6	8.1	7.8	6.0	6.8
4	8.9	8.7	8.8	9.7	9.3	9.5	8.4	7.7	8.1	7.7	5.9	6.9
5	9.0	8.7	8.8	9.8	9.3	9.6	8.3	7.7	8.1	7.7	6.6	7.1
6	9.2	8.7	8.9	9.8	9.5	9.6	8.2	7.6	7.9	7.6	6.5	7.1
7	9.2	8.6	8.9	9.9	9.4	9.7	8.0	7.3	7.8	7.4	6.4	6.9
8	9.2	8.7	8.9	10.1	9.6	9.8	7.9	7.3	7.6	7.4	6.3	6.8
9	9.2	8.8	9.0	10.0	9.6	9.8	7.7	7.0	7.4	7.3	6.3	6.8
10	9.1	8.7	8.9	10.1	9.5	9.8	7.6	7.0	7.3	---	---	---
11	9.0	8.4	8.8	10.1	9.6	9.8	7.6	6.9	7.2	---	---	---
12	8.8	8.3	8.6	10.1	9.6	9.9	7.7	6.8	7.1	---	---	---
13	8.8	8.3	8.6	10.1	9.6	9.9	7.6	6.9	7.2	---	---	---
14	9.2	8.6	8.9	10.1	9.2	9.7	7.3	6.7	6.9	---	---	---
15	9.3	8.9	9.1	9.8	9.2	9.4	7.4	6.5	7.0	7.1	5.9	6.5
16	9.2	8.7	8.9	9.8	9.2	9.5	7.4	6.5	6.9	7.2	6.3	6.8
17	9.2	8.7	9.0	9.6	8.9	9.3	7.4	6.6	6.9	7.1	6.6	6.9
18	9.0	8.7	8.8	9.5	9.0	9.3	7.6	6.6	7.0	7.2	6.1	6.8
19	8.8	8.4	8.6	9.4	8.9	9.2	7.7	6.8	7.1	7.0	5.8	6.6
20	8.8	8.3	8.6	9.3	8.9	9.1	7.7	6.9	7.3	6.8	5.5	6.2
21	8.8	8.4	8.6	9.2	8.6	8.9	7.7	6.8	7.3	7.0	5.8	6.4
22	9.3	8.7	9.0	9.0	8.4	8.8	7.8	6.9	7.4	7.2	5.5	6.4
23	9.5	9.0	9.3	9.1	8.5	8.8	7.8	7.0	7.4	7.2	5.7	6.6
24	9.7	9.3	9.5	9.1	8.5	8.8	7.9	6.9	7.4	7.4	6.0	6.7
25	9.9	9.4	9.7	8.9	8.3	8.6	7.9	6.4	7.2	7.7	6.3	7.0
26	9.9	9.6	9.7	8.8	7.9	8.4	7.2	6.2	6.8	7.6	6.6	7.0
27	9.8	9.4	9.6	8.5	7.8	8.2	6.8	5.8	6.4	7.6	5.8	6.7
28	9.6	9.3	9.4	8.7	7.9	8.3	6.3	4.9	5.7	7.2	5.5	6.4
29	---	---	---	8.7	8.0	8.3	6.1	4.9	5.5	6.8	4.8	6.0
30	---	---	---	8.7	7.9	8.3	6.3	4.8	5.5	6.9	4.9	5.9
31	---	---	---	8.6	7.9	8.3	---	---	---	6.9	4.9	5.8
MONTH	9.9	8.3	9.0	10.1	7.8	9.2	8.5	4.8	7.2	7.8	4.8	6.6

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.8	4.9	5.8	5.4	4.1	4.8	---	---	---	---	---	---
2	6.9	5.0	5.9	5.3	4.0	4.7	---	---	---	---	---	---
3	6.7	5.0	5.8	5.3	3.9	4.6	6.7	4.9	5.9	8.1	6.4	7.2
4	6.7	5.0	5.8	5.6	3.8	4.6	6.4	4.6	5.5	7.9	6.3	7.0
5	6.9	5.1	5.9	5.7	4.1	5.0	5.7	4.0	4.9	7.7	6.1	6.9
6	6.8	4.9	6.0	5.5	3.8	4.6	6.3	3.7	5.1	7.8	6.1	6.8
7	7.0	5.1	6.1	5.1	3.7	4.4	6.3	4.3	5.4	7.7	5.9	6.6
8	6.9	5.1	6.1	5.1	3.8	4.5	5.8	4.2	5.0	6.7	5.7	6.1
9	6.7	5.1	6.0	5.1	3.8	4.4	5.9	4.2	4.9	---	---	---
10	6.2	4.6	5.6	---	---	---	5.9	4.2	5.0	---	---	---
11	6.1	4.6	5.3	---	---	---	6.7	4.3	5.5	---	---	---
12	6.1	4.5	5.3	---	---	---	6.3	4.9	5.5	7.0	5.7	6.6
13	5.8	4.6	5.2	---	---	---	6.2	4.4	5.2	7.1	5.5	6.5
14	6.0	4.8	5.4	---	---	---	5.9	4.4	5.2	6.9	5.7	6.5
15	6.2	4.6	5.4	5.3	4.3	4.8	5.7	4.3	5.1	7.0	6.1	6.6
16	6.2	4.9	5.5	5.0	4.3	4.7	5.6	4.4	5.1	6.8	5.4	6.2
17	6.2	4.7	5.4	5.1	4.1	4.7	5.9	4.3	5.0	6.7	5.3	6.0
18	6.4	4.9	5.7	5.5	4.5	5.0	---	---	---	6.7	5.4	6.2
19	6.6	5.1	5.8	---	---	---	---	---	---	6.6	5.8	6.2
20	6.3	5.2	5.7	---	---	---	---	---	---	6.5	5.8	6.2
21	6.2	5.1	5.7	---	---	---	---	---	---	6.9	6.0	6.4
22	6.6	5.0	5.8	---	---	---	---	---	---	7.5	6.1	6.8
23	6.1	4.5	5.3	7.2	5.2	6.1	---	---	---	7.4	6.4	6.8
24	6.1	4.3	5.3	7.1	5.2	6.2	---	---	---	7.2	6.2	6.7
25	5.6	3.9	5.0	6.0	4.3	5.3	---	---	---	6.7	5.5	6.3
26	5.8	3.9	4.8	6.6	4.1	5.2	6.5	4.3	5.1	5.7	4.6	5.4
27	5.4	4.0	4.8	6.9	4.5	5.6	---	---	---	5.3	4.1	4.8
28	5.5	3.9	4.7	7.0	4.0	5.2	---	---	---	5.1	3.8	4.4
29	5.8	4.2	5.0	6.7	3.8	4.9	---	---	---	5.2	4.1	4.7
30	5.8	4.5	5.3	6.7	4.0	5.1	---	---	---	6.1	4.3	5.4
31	---	---	---	6.6	4.3	5.4	---	---	---	---	---	---
MONTH	7.0	3.9	5.5	7.2	3.7	5.0	6.7	3.7	5.2	8.1	3.8	6.2
YEAR	11.6	2.4	7.4									

02176635 BATTERY CREEK AT PORT ROYAL, SC

LOCATION.--Lat 32°22'37'', long 80°42'53'', Beaufort County, Hydrologic Unit 03050208, on SC Highway 802/281 bridge pier near main channel of Battery Creek, approximately 500 feet east of Battery Creek (Parris Island) public boat landing, and 2.3 mi upstream of the Battery Creek and Beaufort River confluence.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.51 ft, Jun. 13, 1999; minimum gage height, 4.49 ft, Apr. 17, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.51 ft, Jun. 13; minimum gage height, 4.49 ft, Apr. 17.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	14.30	6.68	10.94	14.97	6.04	11.14	14.58	4.92	10.24	---	---	---
2	15.06	7.18	11.34	15.30	5.79	11.12	15.05	4.54	10.45	---	---	---
3	15.27	6.64	11.34	15.69	5.70	11.07	15.43	4.65	10.46	---	---	---
4	15.37	5.92	11.07	15.54	5.04	10.73	15.21	4.54	10.15	---	---	---
5	15.53	5.63	11.02	16.02	5.51	11.17	15.04	4.64	10.11	---	---	---
6	15.95	5.89	11.32	16.07	6.03	11.08	14.83	5.20	10.15	---	---	---
7	16.10	5.92	11.22	15.29	5.74	10.54	14.49	5.55	10.11	---	---	---
8	15.51	5.54	10.73	14.92	5.97	10.49	14.02	5.85	9.97	13.65	7.04	10.42
9	15.07	5.45	10.46	14.39	6.37	10.42	13.15	5.89	9.78	13.42	7.28	10.50
10	14.84	5.92	10.46	14.24	6.80	10.56	13.72	7.41	10.48	13.01	7.64	10.43
11	14.68	6.41	10.60	13.56	6.41	10.19	13.64	7.44	10.70	13.50	7.15	10.33
12	14.47	6.87	10.73	13.47	6.96	10.31	13.90	7.49	10.98	13.11	6.83	10.17
13	14.48	7.15	10.96	13.88	7.34	10.82	13.92	6.24	10.54	13.47	6.64	10.20
14	14.29	7.13	11.02	13.90	6.89	10.83	13.49	7.05	10.70	13.68	6.59	10.27
15	14.30	7.16	11.05	13.91	6.53	10.49	14.35	7.29	11.15	13.87	6.00	10.13
16	14.51	7.29	11.25	13.92	6.47	10.55	13.87	6.88	10.62	14.26	5.94	10.51
17	14.45	7.19	11.22	13.94	6.36	10.34	13.94	6.47	10.18	14.55	6.30	10.73
18	14.34	6.91	10.93	14.24	6.12	10.64	14.43	6.26	10.55	14.64	5.81	10.42
19	14.03	6.42	10.56	14.46	6.74	10.73	14.52	6.41	10.72	14.30	5.42	10.13
20	13.87	6.24	10.40	14.20	6.36	10.45	14.33	6.18	10.50	14.38	5.82	10.36
21	14.00	6.50	10.55	13.67	6.29	10.19	14.15	6.05	10.33	14.38	5.92	10.44
22	13.73	6.72	10.48	13.86	6.95	10.49	14.02	5.82	10.19	14.27	5.98	10.45
23	14.31	7.29	10.93	13.96	6.50	10.33	14.41	6.91	10.58	14.32	6.16	10.53
24	14.04	6.99	10.72	13.50	6.43	9.99	14.44	6.65	10.68	14.43	5.91	10.37
25	13.76	7.17	10.52	13.86	6.96	10.39	14.43	7.35	10.86	13.69	6.12	10.21
26	13.53	7.26	10.42	13.41	6.63	10.08	14.42	7.19	11.12	14.08	7.00	10.66
27	13.75	7.30	10.47	13.31	6.41	9.94	14.55	6.59	10.97	14.81	5.70	10.67
28	13.92	7.72	10.74	13.64	6.17	10.20	14.81	6.26	10.96	14.59	5.17	10.36
29	13.99	7.13	10.61	14.02	5.49	10.38	15.03	5.66	10.97	14.64	5.07	10.48
30	14.26	6.57	10.83	14.34	4.92	10.35	14.77	5.42	10.37	15.52	5.66	11.18
31	14.58	6.19	10.84	---	---	---	15.16	5.34	10.70	16.26	6.68	11.79
MONTH	16.10	5.45	10.83	16.07	4.92	10.53	15.43	4.54	10.52	16.26	5.07	10.49

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.21	7.16	11.76	14.38	5.19	10.32	13.95	5.76	10.28	15.50	7.80	11.55
2	15.40	5.92	10.89	14.89	5.89	10.86	14.21	5.69	10.19	15.30	7.77	11.68
3	14.83	5.88	10.61	15.14	5.53	10.50	14.22	6.28	10.43	14.68	7.42	11.17
4	14.17	5.91	10.38	13.93	5.01	9.74	13.83	6.76	10.51	14.52	7.28	10.95
5	14.01	6.85	10.51	13.86	6.26	10.37	14.49	6.48	10.56	14.40	7.44	10.93
6	13.67	7.17	10.67	13.53	6.64	10.34	14.51	7.83	11.21	13.97	7.33	10.62
7	13.32	7.34	10.51	13.18	6.54	10.02	13.85	7.34	10.48	13.99	7.11	10.41
8	12.87	7.47	10.21	13.09	7.82	10.62	13.20	7.17	10.19	13.31	6.92	10.16
9	13.63	8.13	10.89	13.68	7.49	10.77	13.39	7.48	10.43	13.23	6.66	10.31
10	13.71	7.85	10.86	12.94	7.97	10.59	13.27	6.97	10.44	13.68	6.57	10.52
11	14.10	7.45	10.96	13.73	8.03	10.95	14.45	7.11	11.23	14.40	6.78	10.95
12	13.93	5.38	10.47	13.64	7.74	10.88	14.48	6.21	10.79	14.99	6.20	11.14
13	13.39	5.38	9.97	13.88	7.84	11.12	15.35	6.65	11.55	15.49	5.59	11.04
14	14.37	6.04	10.75	15.07	6.38	11.52	15.56	6.03	11.32	16.05	5.25	11.00
15	14.71	6.12	10.70	13.88	5.72	10.27	15.94	5.95	11.38	16.37	5.55	11.14
16	14.70	5.79	10.64	14.75	6.09	10.86	15.17	4.55	10.19	16.49	5.85	11.34
17	14.83	5.55	10.60	14.65	5.46	10.56	15.15	4.49	10.09	16.42	6.15	11.37
18	14.99	5.62	10.74	14.73	5.06	10.34	14.86	4.52	9.95	16.03	6.21	11.34
19	15.37	6.20	10.99	15.24	4.93	10.43	14.63	4.92	9.90	15.93	6.38	10.98
20	15.09	6.67	11.15	15.29	5.44	10.51	14.59	5.28	9.77	15.38	6.61	10.98
21	15.21	6.53	11.12	14.93	4.93	10.34	13.96	5.56	9.90	15.03	6.85	10.89
22	14.96	7.10	11.15	14.20	5.51	9.99	14.28	6.32	10.21	14.49	6.82	10.79
23	15.07	7.28	11.25	14.39	5.78	10.10	13.95	6.29	10.12	14.00	6.65	10.66
24	15.02	6.83	11.18	14.15	6.20	10.12	13.90	5.88	10.42	13.70	6.54	10.46
25	15.10	6.29	11.16	13.79	6.27	10.16	14.61	7.27	11.38	14.08	6.63	10.55
26	14.56	6.63	11.12	14.25	7.36	10.88	14.32	6.88	11.05	14.23	6.72	10.66
27	15.13	6.58	11.17	14.29	6.32	10.82	14.38	6.76	10.95	14.55	6.44	10.79
28	14.97	5.99	10.59	14.17	6.28	10.57	14.74	6.69	11.14	14.44	6.69	10.79
29	---	---	---	14.16	5.84	10.50	15.00	7.22	11.29	14.24	6.60	10.60
30	---	---	---	14.54	5.99	10.74	15.08	7.51	11.43	14.33	6.53	10.52
31	---	---	---	14.71	6.35	10.92	---	---	---	14.41	6.85	10.66
MONTH	16.21	5.38	10.82	15.29	4.93	10.54	15.94	4.49	10.63	16.49	5.25	10.87

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.35	6.92	10.65	14.12	6.14	10.12	14.56	6.49	10.85	15.62	7.27	11.76
2	14.22	6.97	10.55	14.39	6.74	10.58	14.56	6.32	10.95	15.90	7.82	11.94
3	13.66	6.64	10.18	14.19	6.53	10.52	15.20	6.98	11.38	16.38	8.14	12.33
4	13.85	6.11	10.21	14.21	6.43	10.54	---	---	---	15.94	7.68	12.12
5	13.93	7.24	10.87	14.01	6.34	10.42	---	---	---	15.34	6.95	11.53
6	14.11	7.13	10.76	13.98	5.95	10.40	---	---	---	15.36	6.45	11.19
7	13.93	6.96	10.75	14.13	6.17	10.40	15.38	6.19	11.20	15.43	6.17	11.15
8	14.35	6.72	10.84	14.51	5.46	10.35	---	---	---	15.54	6.33	11.27
9	14.45	6.06	10.69	14.86	5.05	10.38	---	---	---	15.52	6.33	11.25
10	15.02	5.53	10.81	15.18	4.88	10.43	---	---	---	15.27	6.45	11.19
11	16.08	5.91	11.27	15.51	4.70	10.42	15.87	5.94	11.24	15.26	6.76	11.36
12	16.47	6.18	11.70	16.13	5.53	11.05	15.70	5.94	11.05	15.10	7.49	11.57
13	16.51	5.71	11.42	16.08	5.55	11.07	15.27	6.20	11.05	14.78	7.64	11.43
14	16.12	5.52	11.16	15.95	5.79	11.05	14.71	6.39	10.99	14.81	8.00	11.54
15	15.78	5.52	10.85	15.69	6.21	11.01	14.29	6.67	10.87	---	---	---
16	15.40	5.91	10.73	15.05	6.50	10.92	14.20	6.53	10.64	---	---	---
17	15.23	6.10	10.67	15.03	6.39	10.77	13.74	6.82	10.69	---	---	---
18	15.26	6.85	11.30	14.34	6.40	10.54	13.73	7.14	10.68	---	---	---
19	15.42	7.80	11.59	13.77	6.54	10.33	13.55	7.05	10.40	---	---	---
20	14.76	7.12	11.02	13.28	6.34	10.13	13.62	6.86	10.42	---	---	---
21	14.07	7.26	10.88	13.43	6.67	10.28	13.66	7.13	10.51	---	---	---
22	14.13	7.41	11.00	13.86	7.16	10.72	14.43	7.24	10.87	---	---	---
23	14.46	7.50	11.16	13.94	7.15	10.72	14.79	7.68	11.39	15.71	7.49	11.84
24	14.36	7.35	11.10	14.17	6.86	10.65	14.93	7.29	11.32	15.69	7.23	11.83
25	14.31	6.99	10.85	14.20	6.74	10.56	14.92	6.62	11.06	---	---	---
26	14.11	6.64	10.55	14.44	6.70	10.57	14.98	6.31	10.82	---	---	---
27	14.02	6.62	10.47	14.90	6.59	10.68	14.93	6.05	10.73	---	---	---
28	13.84	6.18	10.12	15.05	6.75	10.94	15.39	6.19	10.97	---	---	---
29	13.77	6.02	9.96	14.95	6.62	10.87	15.57	6.81	11.44	---	---	---
30	14.18	6.09	10.24	15.02	6.44	10.82	15.42	7.08	11.69	15.55	6.23	11.18
31	---	---	---	14.83	6.40	10.76	15.38	7.00	11.53	---	---	---
MONTH	16.51	5.52	10.81	16.13	4.70	10.61	15.87	5.94	10.99	16.38	6.17	11.56
YEAR	16.51	4.49	10.74									

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 1999.

WATER TEMPERATURE: October 1998 to September 1999.

DISSOLVED OXYGEN: October 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 51,700 microsiemens, Sep. 14, 1999; minimum, 29,000 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1, 1999; minimum, 8.5°C, Jan. 8, 1999.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 14, 16, 1999; minimum, 1.7 mg/L, Aug. 17, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 51,700 microsiemens, Sep. 14; minimum, 29,000 microsiemens Jun. 29.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1; minimum, 8.5°C, Jan. 8.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 14, 16; minimum, 1.7 mg/L, Aug. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	49200	48700	49000	50600	50200	50400	---	---	---
2	---	---	---	49200	48800	49100	50800	50400	50600	---	---	---
3	---	---	---	49300	48900	49100	50800	50500	50600	---	---	---
4	---	---	---	49400	49000	49200	50800	50400	50600	---	---	---
5	---	---	---	49700	49100	49500	50600	50300	50400	---	---	---
6	---	---	---	50000	49500	49800	50500	50000	50200	---	---	---
7	---	---	---	50100	49700	49900	50100	49800	49900	---	---	---
8	---	---	---	50100	49800	50000	49900	49500	49700	50500	49800	50200
9	---	---	---	50000	49700	49800	49800	49400	49600	50500	49500	50000
10	---	---	---	49800	49500	49700	49600	49400	49500	50300	49500	49900
11	---	---	---	49800	49300	49600	49600	49400	49500	50400	49700	50000
12	---	---	---	49700	49400	49500	49600	49200	49400	50300	49600	50000
13	---	---	---	49800	49400	49600	49300	49000	49100	50300	49600	49900
14	---	---	---	49800	49600	49600	49100	48900	49000	50300	49500	49900
15	---	---	---	49800	49600	49700	49300	48900	49100	50200	49200	49700
16	---	---	---	49800	49600	49700	49600	49000	49400	50300	49400	49800
17	---	---	---	49800	49500	49700	49600	49200	49500	50300	49500	49800
18	---	---	---	49900	49500	49700	50100	49400	49800	50100	49000	49500
19	---	---	---	49900	49700	49800	50200	49800	50000	49900	49000	49400
20	---	---	---	49900	49500	49800	50300	49800	50100	49900	49000	49400
21	---	---	---	50000	49700	49900	50400	49800	50100	49700	48800	49300
22	47900	47500	47700	50100	49900	50000	50800	49800	50300	49600	48700	49200
23	48300	47800	48100	50100	49900	50000	50700	50300	50600	49600	47900	49000
24	48400	48100	48300	49900	49100	49600	50900	50600	50800	49000	46000	47500
25	48600	48200	48400	49800	49100	49400	51000	50400	50800	48300	46200	47300
26	48700	48400	48500	49700	49100	49300	50900	49700	50300	48600	46500	47500
27	48600	48400	48500	49800	49200	49400	50700	49800	50300	48800	46700	47700
28	48800	48500	48600	50000	49300	49700	50800	49700	50300	48800	46700	47700
29	48800	48500	48700	50400	49700	50100	50800	49800	50300	48900	46800	47900
30	48900	48600	48700	50400	50100	50300	50900	49800	50400	49200	47100	48100
31	49000	48700	48800	---	---	---	51300	50200	50700	49400	47600	48300
MONTH	---	---	---	50400	48700	49600	51300	48900	50000	---	---	---

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	49300	47300	48100	48200	47000	47500	48900	48700	48800	50700	49900	50200
2	48300	46600	47400	48400	47300	47700	48900	48500	48700	50500	49400	49900
3	48300	46600	47300	48500	47300	47700	48900	48300	48600	50400	49300	49800
4	47900	46400	47100	48300	47600	47900	48800	48300	48500	50300	49100	49700
5	47800	46400	47100	48300	47800	48000	48700	48200	48400	50300	49200	49600
6	47800	46500	47100	48300	47700	48000	48700	48400	48500	50100	48800	49400
7	47600	46300	46900	48300	47500	47900	48600	47900	48400	50000	48600	49100
8	47400	46100	46700	48100	47700	47900	48300	46800	47600	49700	48500	49000
9	47500	46100	46700	48300	47800	48000	48000	47000	47500	49700	48600	49100
10	47200	46000	46500	48200	47700	47900	48000	47100	47500	49800	48400	49100
11	47200	45800	46400	48200	47700	47900	48100	47100	47700	49500	48500	49000
12	46800	45700	46100	48200	47700	48000	48100	47300	47800	49500	48700	49100
13	46800	45700	46200	48300	47600	47900	48400	47700	48200	49400	48600	48900
14	47400	46000	46700	48100	47500	47800	48600	47900	48400	49400	48400	48800
15	47800	46600	46900	48000	47300	47700	48800	48300	48600	49600	48500	48900
16	47800	46500	46900	48200	47400	47800	49100	48500	48800	49600	48600	49000
17	47700	46500	46900	48900	47400	48300	49500	49000	49200	49600	48600	49000
18	47600	46100	46800	49000	48200	48600	49700	49400	49600	49400	48200	48900
19	47600	46200	46700	49000	48300	48600	49900	49500	49800	49400	48200	48800
20	47700	46400	46800	49000	48400	48600	50000	49700	49900	49300	48600	48800
21	47900	46600	47000	48900	48100	48500	50000	49700	49900	49200	48700	48900
22	47900	46900	47200	48800	48200	48500	50000	49700	49900	49300	48800	49000
23	48000	47000	47400	48900	48200	48500	50000	49700	49900	49300	48900	49100
24	48100	46900	47400	48800	48200	48400	50000	49700	49800	49500	49000	49200
25	48200	46700	47400	48700	48100	48400	50100	49700	49900	49600	49000	49400
26	48000	46900	47400	48700	48200	48400	50200	49800	50000	49700	49000	49500
27	48200	46900	47400	48800	48400	48600	50400	49500	50000	49800	49200	49600
28	48000	46900	47300	48800	48600	48700	50400	50000	50200	49900	49600	49800
29	---	---	---	48800	48600	48700	50600	50200	50400	50100	49800	50000
30	---	---	---	48900	48700	48800	50800	50400	50600	50300	50000	50200
31	---	---	---	49400	48700	48900	---	---	---	50500	50300	50400
MONTH	49300	45700	47000	49400	47000	48200	50800	46800	49000	50700	48200	49300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50800	50400	50600	46800	35100	40800	47500	46200	46600	50100	46700	48200
2	51000	50600	50700	47100	37400	42200	47100	45500	46200	50100	47400	48400
3	51300	50300	50800	47000	38700	42800	47300	45800	46700	50100	46900	48500
4	50700	49600	50200	47000	39800	43300	---	---	---	50400	46800	48900
5	50500	49700	50100	47000	40500	43600	---	---	---	50600	47500	48900
6	50400	49700	50100	47000	41100	43900	---	---	---	51300	48300	49400
7	50500	49700	50100	46500	41700	44000	47200	45200	46200	50900	48600	49700
8	50500	49800	50100	45600	40900	43300	48100	46000	47100	51200	48600	49800
9	50500	49900	50200	44600	40700	42700	48400	46600	47700	50800	48500	49600
10	50600	49900	50200	44400	40500	42300	48600	46800	47700	51400	48200	49600
11	50500	50000	50200	44100	40800	42300	48800	47600	48100	51300	48400	49500
12	50600	50100	50300	44300	40800	42300	49000	47900	48300	51600	49100	50400
13	50600	50200	50400	44200	40900	42500	49200	48200	48600	51200	47300	49800
14	50700	50100	50500	45900	41200	43400	49200	48500	48800	51700	48700	51000
15	50700	50100	50400	46000	42700	44000	49100	47600	48600	---	---	---
16	50600	49700	50100	46100	43200	44300	49000	47500	48500	---	---	---
17	50600	49500	50100	46100	43500	44500	48600	47200	48100	---	---	---
18	50700	50000	50400	45800	43700	44600	49200	47900	48800	---	---	---
19	51000	50500	50700	45800	44000	44800	48500	47200	48000	---	---	---
20	51100	50600	51000	46000	44200	45000	48100	46200	47300	---	---	---
21	51200	50000	51000	46300	44300	45200	48100	46000	46900	---	---	---
22	51200	50800	51100	46400	44500	45400	48300	45900	47100	---	---	---
23	51300	51000	51100	46700	44900	45600	48800	46400	47800	50000	47800	48800
24	51200	50900	51100	47100	45100	45900	49400	45900	47900	50200	47500	49000
25	51200	50800	51000	47100	45300	46100	50400	46400	48400	---	---	---
26	50800	50600	50800	47500	45700	46400	50600	47600	49300	---	---	---
27	50800	49000	50500	47600	45900	46600	50300	46500	48600	---	---	---
28	50200	47500	49100	48100	46200	47000	50100	46700	48500	---	---	---
29	48800	29000	43400	48200	46800	47300	49900	46500	48200	---	---	---
30	46500	31900	40000	48100	46900	47400	50100	47400	48600	50400	46500	48900
31	---	---	---	47700	46700	47100	50000	47100	48400	---	---	---
MONTH	51300	29000	49900	48200	35100	44400	---	---	---	---	---	---

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	22.0	21.5	21.5	19.0	18.5	18.5	---	---	---
2	---	---	---	22.0	21.5	22.0	19.0	18.5	19.0	---	---	---
3	---	---	---	22.0	22.0	22.0	19.5	19.0	19.0	---	---	---
4	---	---	---	22.0	21.0	21.5	20.0	19.0	19.5	---	---	---
5	---	---	---	21.0	19.5	20.0	20.0	19.5	19.5	---	---	---
6	---	---	---	19.5	18.5	19.0	20.5	19.5	20.0	---	---	---
7	---	---	---	18.5	17.5	18.0	21.0	20.0	20.5	---	---	---
8	---	---	---	18.0	17.0	17.5	21.5	20.0	20.5	10.0	8.5	9.0
9	---	---	---	18.5	17.5	18.0	21.0	20.5	20.5	10.5	9.5	10.0
10	---	---	---	19.5	18.0	18.5	20.5	19.0	19.5	10.5	10.0	10.0
11	---	---	---	20.0	19.0	19.5	19.5	18.0	18.5	10.0	9.5	10.0
12	---	---	---	19.5	19.0	19.5	18.5	17.0	17.5	10.0	9.5	10.0
13	---	---	---	19.0	18.5	19.0	18.0	17.0	17.5	10.5	10.0	10.0
14	---	---	---	18.5	18.0	18.5	17.5	16.0	17.0	11.0	10.0	10.5
15	---	---	---	18.5	18.5	18.5	16.5	13.5	15.5	12.0	10.5	11.0
16	---	---	---	19.5	18.5	19.0	15.0	13.5	14.0	11.5	11.0	11.0
17	---	---	---	20.0	19.0	19.5	14.5	12.5	13.5	12.0	11.0	11.5
18	---	---	---	20.0	19.0	19.5	13.5	12.5	13.0	13.0	11.5	12.5
19	---	---	---	20.0	19.0	19.5	13.5	12.0	13.0	13.5	12.0	12.5
20	---	---	---	20.5	19.5	19.5	14.5	13.0	14.0	13.5	12.0	12.5
21	---	---	---	20.0	19.0	19.5	15.5	14.0	14.5	14.5	12.5	13.0
22	23.5	22.0	22.5	19.0	18.5	18.5	16.5	15.0	15.5	15.5	13.0	14.0
23	22.0	20.5	21.0	19.0	18.0	18.5	16.0	15.0	15.5	17.0	13.5	15.0
24	21.0	19.5	20.5	20.0	19.0	19.5	15.0	14.0	14.5	17.0	14.5	16.0
25	21.0	19.5	20.5	20.5	19.5	19.5	14.5	12.0	13.5	16.5	15.0	15.5
26	21.0	20.0	20.5	20.5	19.5	20.0	13.0	10.5	11.5	16.0	15.0	15.5
27	21.5	20.0	21.0	20.0	19.0	19.5	12.0	10.0	11.0	16.0	14.5	15.5
28	21.5	20.5	21.0	19.5	18.5	19.0	12.0	11.0	11.5	16.0	15.0	15.5
29	21.5	20.5	21.0	19.0	18.0	18.5	12.0	11.5	12.0	16.5	15.0	16.0
30	21.5	20.5	21.0	19.0	18.0	18.5	12.0	10.5	11.5	16.5	15.0	15.5
31	21.5	21.0	21.5	---	---	---	11.5	10.5	11.0	15.0	14.0	14.5
MONTH	---	---	---	22.0	17.0	19.4	21.5	10.0	15.9	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.0	13.0	13.5	13.5	13.0	13.0	18.5	17.0	17.5	19.0	16.5	17.5
2	14.0	13.5	14.0	14.0	13.0	13.0	20.0	17.5	18.5	18.0	16.0	17.5
3	15.0	13.5	14.0	14.0	13.0	13.5	21.5	18.0	19.5	19.5	17.5	18.5
4	15.5	14.5	14.5	13.5	12.5	13.0	22.5	19.0	20.5	21.0	18.5	19.5
5	15.5	14.5	15.0	14.0	12.5	13.0	23.5	19.5	21.0	21.5	19.5	20.0
6	16.0	14.5	15.0	14.5	13.0	13.5	22.5	20.0	21.0	23.0	20.0	21.0
7	16.5	15.0	15.5	15.0	13.5	14.0	23.0	20.5	21.5	23.5	20.5	22.0
8	17.5	15.5	16.0	14.0	13.0	13.5	24.0	21.0	22.0	24.5	21.0	22.5
9	17.5	15.5	16.5	13.5	13.0	13.0	23.5	21.5	22.5	25.0	22.0	23.0
10	17.5	16.0	16.5	14.5	13.0	13.5	24.0	21.5	22.5	25.0	22.5	23.5
11	18.0	16.0	17.0	14.0	13.0	13.5	24.0	21.5	23.0	25.0	23.0	23.5
12	18.0	16.5	17.5	14.0	13.0	13.5	24.0	22.0	22.5	24.5	23.0	23.5
13	18.0	15.0	16.0	14.0	13.0	13.0	22.5	21.0	21.5	24.5	23.0	23.5
14	15.0	13.5	14.5	14.0	13.0	13.5	22.0	20.5	21.0	25.0	23.5	24.0
15	14.0	13.0	13.5	14.0	13.0	13.5	22.0	20.5	21.5	24.0	22.5	23.5
16	14.0	13.0	13.5	13.5	12.5	13.0	21.5	20.5	21.0	24.0	22.5	23.0
17	15.0	13.5	14.0	14.5	13.0	13.5	20.5	19.5	20.0	24.5	23.0	23.5
18	16.5	14.5	15.0	16.0	13.5	14.5	20.0	18.5	19.0	25.5	23.5	24.0
19	16.5	15.0	15.5	17.0	14.5	15.5	20.5	18.5	19.5	26.0	24.0	24.5
20	16.0	15.0	15.5	17.0	15.0	15.5	21.0	19.0	19.5	26.5	24.5	25.0
21	15.5	15.0	15.0	17.0	15.0	16.0	22.5	19.5	20.5	27.0	25.0	25.5
22	15.0	13.0	13.5	17.5	15.5	16.0	23.0	20.0	21.5	27.0	25.0	26.0
23	13.5	12.0	12.5	18.5	15.5	16.5	24.0	21.0	22.0	27.0	25.0	26.0
24	12.5	11.0	12.0	19.0	16.0	17.5	23.5	21.5	22.5	26.5	25.5	26.0
25	12.0	11.0	12.0	19.5	16.5	18.0	23.0	21.0	21.5	26.5	25.5	26.0
26	12.5	12.0	12.0	19.0	17.0	17.5	22.5	21.0	21.5	27.0	25.5	26.0
27	13.5	12.5	12.5	17.5	16.0	16.5	23.5	21.5	22.5	26.5	26.0	26.0
28	14.0	13.0	13.0	16.5	16.0	16.5	24.0	22.5	23.0	27.0	25.5	26.0
29	---	---	---	17.0	16.0	16.5	22.5	20.5	22.0	27.0	25.5	26.0
30	---	---	---	17.5	16.5	17.0	20.5	19.0	20.0	27.0	26.0	26.0
31	---	---	---	17.0	16.5	16.5	---	---	---	27.0	25.5	26.0
MONTH	18.0	11.0	14.5	19.5	12.5	14.7	24.0	17.0	21.1	27.0	16.0	23.5

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	25.5	26.5	26.5	25.5	26.0	34.5	32.0	33.0	28.0	27.0	27.5
2	28.0	26.0	26.5	28.0	26.0	26.5	34.0	32.5	33.5	28.0	27.0	27.5
3	28.5	26.5	27.0	28.5	26.5	27.5	33.5	32.0	33.0	28.5	27.0	28.0
4	29.0	26.5	27.5	30.0	27.5	28.5	---	---	---	28.5	27.5	28.0
5	29.0	27.0	28.0	31.0	28.0	29.0	---	---	---	28.5	27.5	28.0
6	29.5	27.5	28.0	30.5	28.5	29.5	---	---	---	28.5	28.0	28.0
7	29.5	27.5	28.5	30.5	29.0	29.5	32.5	31.5	32.0	29.0	28.0	28.5
8	29.5	28.0	28.5	30.5	29.0	29.5	32.0	31.5	32.0	29.0	28.0	28.5
9	29.5	28.0	29.0	30.5	29.5	30.0	31.5	31.0	31.0	30.0	28.5	29.0
10	29.5	28.0	28.5	30.5	29.5	30.0	31.5	31.0	31.0	29.5	28.5	29.0
11	28.0	27.5	28.0	30.5	29.0	29.5	32.0	30.5	31.0	29.5	28.5	29.0
12	28.0	27.0	27.5	30.0	29.0	29.0	32.5	31.0	31.5	28.5	28.0	28.0
13	28.5	27.0	27.5	29.0	28.5	29.0	33.0	31.0	31.5	28.5	27.0	27.5
14	29.0	27.5	28.0	29.5	28.0	28.5	32.5	31.0	31.5	28.0	27.0	27.5
15	30.0	27.5	28.5	30.5	28.5	29.0	33.0	31.0	31.5	---	---	---
16	30.5	28.0	29.0	29.5	28.5	29.0	32.5	31.0	31.5	---	---	---
17	30.0	28.5	29.0	30.5	28.5	29.0	32.5	31.0	31.5	---	---	---
18	29.0	28.0	28.5	30.5	29.0	29.5	32.5	31.0	31.5	---	---	---
19	28.0	26.5	27.0	31.0	29.5	30.0	32.0	31.0	31.5	---	---	---
20	26.5	25.5	26.0	31.5	29.5	30.0	31.5	30.5	31.0	---	---	---
21	26.0	24.5	25.5	32.0	30.0	30.5	30.5	29.5	30.5	---	---	---
22	26.5	25.5	26.0	32.5	30.5	31.0	30.5	30.0	30.5	---	---	---
23	26.5	25.5	26.0	32.5	31.0	31.5	30.0	29.0	30.0	24.0	23.0	23.5
24	27.0	26.0	26.5	32.5	31.0	32.0	30.0	29.0	29.5	23.5	23.0	23.5
25	27.0	26.5	27.0	32.5	31.5	31.5	30.5	29.5	29.5	---	---	---
26	27.5	26.5	27.0	32.0	31.0	31.5	30.0	29.5	30.0	---	---	---
27	28.0	27.0	27.0	32.5	31.0	31.5	30.5	29.5	29.5	---	---	---
28	27.0	26.5	26.5	32.5	31.5	32.0	31.0	29.5	30.0	---	---	---
29	26.5	24.5	25.5	33.0	31.5	32.0	30.0	29.0	29.5	---	---	---
30	26.0	24.5	25.5	33.5	31.5	32.0	29.0	28.0	28.5	26.0	25.0	25.5
31	---	---	---	34.0	31.5	32.5	28.5	27.5	28.0	---	---	---
MONTH	30.5	24.5	27.3	34.0	25.5	29.9	---	---	---	---	---	---

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	7.2	5.7	6.5	7.5	6.4	6.8	---	---	---
2	---	---	---	6.8	5.6	6.2	7.3	6.3	6.8	---	---	---
3	---	---	---	6.5	5.3	5.8	7.3	6.4	6.8	---	---	---
4	---	---	---	6.3	5.0	5.5	7.1	6.4	6.8	---	---	---
5	---	---	---	6.6	5.3	6.1	7.2	6.4	6.8	---	---	---
6	---	---	---	6.8	6.0	6.5	7.5	6.4	6.9	---	---	---
7	---	---	---	7.5	6.4	6.9	7.7	6.6	7.0	---	---	---
8	---	---	---	7.8	6.8	7.2	7.8	6.6	7.1	11.3	10.3	10.7
9	---	---	---	7.5	6.9	7.1	8.0	6.7	7.3	10.7	10.3	10.5
10	---	---	---	7.4	6.7	7.0	8.0	6.9	7.4	11.0	10.1	10.5
11	---	---	---	7.2	6.7	6.9	8.1	7.0	7.6	11.1	10.5	10.8
12	---	---	---	7.1	6.4	6.8	7.9	6.9	7.7	11.2	10.6	10.9
13	---	---	---	7.0	6.2	6.7	7.7	6.6	7.4	11.2	10.6	10.9
14	---	---	---	6.8	5.9	6.4	7.6	6.7	7.3	11.4	10.5	10.9
15	---	---	---	6.7	5.5	6.2	8.2	7.2	7.8	11.3	10.2	10.7
16	---	---	---	6.6	5.3	5.9	8.4	7.7	8.2	11.4	10.2	10.8
17	---	---	---	6.5	5.2	5.8	8.9	8.0	8.5	11.2	10.3	10.7
18	---	---	---	6.8	5.3	6.1	9.3	8.6	8.9	10.5	9.8	10.2
19	---	---	---	6.9	5.7	6.4	9.4	8.5	9.0	10.5	9.4	10.1
20	---	---	---	6.7	5.7	6.3	9.4	8.5	8.9	10.6	9.7	10.2
21	---	---	---	7.0	6.0	6.6	9.5	8.4	8.9	10.5	9.8	10.2
22	6.4	4.8	5.7	7.4	6.4	7.0	9.5	8.4	9.1	10.1	9.4	9.8
23	7.1	5.8	6.5	7.6	6.7	7.2	9.3	8.8	9.1	9.6	8.8	9.2
24	7.5	5.9	6.9	7.5	6.6	7.2	9.0	8.5	8.8	9.2	8.1	8.7
25	7.7	6.4	7.0	7.5	6.6	7.2	9.1	8.6	8.9	8.8	7.9	8.5
26	7.9	6.3	7.2	7.5	6.5	7.2	9.5	8.8	9.2	8.8	8.0	8.4
27	8.0	6.8	7.4	7.7	6.8	7.3	9.9	9.2	9.5	8.8	7.9	8.3
28	7.8	6.9	7.4	7.8	6.9	7.3	9.9	9.3	9.5	8.5	7.7	8.0
29	7.9	6.5	7.3	7.8	6.7	7.2	9.8	9.1	9.3	8.4	7.5	7.9
30	7.8	6.3	7.1	7.7	6.5	7.1	9.7	9.0	9.3	8.5	7.4	7.9
31	7.7	5.9	6.8	---	---	---	9.9	9.3	9.5	8.7	7.6	8.2
MONTH	---	---	---	7.8	5.0	6.7	9.9	6.3	8.1	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.8	8.2	8.5	9.7	8.8	9.3	8.6	7.7	8.2	7.9	6.5	7.4
2	8.5	8.1	8.3	9.8	8.9	9.4	8.7	7.4	8.2	8.9	7.0	8.0
3	8.8	8.1	8.4	9.7	9.0	9.4	8.8	7.4	8.2	9.2	7.5	8.2
4	8.7	8.2	8.4	9.9	9.1	9.6	8.9	7.2	8.2	9.1	7.4	8.2
5	9.1	8.1	8.5	10.1	9.3	9.7	9.0	7.0	8.1	8.5	7.3	8.0
6	9.4	8.4	8.7	10.0	9.3	9.7	8.7	7.1	8.0	8.3	6.6	7.7
7	9.4	8.5	8.8	10.1	9.1	9.7	8.6	6.9	7.9	8.0	6.1	7.4
8	9.3	8.5	8.9	10.3	9.4	9.9	8.3	6.7	7.7	7.9	6.1	7.2
9	9.0	8.4	8.7	10.1	9.4	9.9	7.9	6.5	7.4	7.8	5.3	6.9
10	8.8	8.0	8.4	10.1	9.1	9.8	7.7	6.0	7.1	8.0	5.3	6.8
11	8.6	7.6	8.2	10.1	9.3	9.8	7.7	5.9	7.0	7.6	4.5	6.4
12	8.3	7.1	7.8	10.2	9.4	9.8	7.7	6.0	7.0	6.9	4.3	5.8
13	8.4	7.3	7.9	10.1	9.2	9.8	7.9	6.1	7.2	6.7	4.4	5.4
14	8.8	7.6	8.4	10.0	8.8	9.5	7.6	6.3	7.1	6.4	4.4	5.2
15	8.9	8.2	8.6	9.5	8.6	9.1	7.8	6.1	7.0	6.4	4.2	5.2
16	8.8	8.3	8.6	9.7	8.7	9.3	7.8	5.9	7.1	6.8	4.3	5.4
17	8.7	8.2	8.5	9.4	8.8	9.2	7.7	6.1	7.0	6.9	4.6	6.0
18	8.6	8.2	8.4	9.4	8.5	9.0	8.1	5.9	7.2	7.1	5.3	6.2
19	8.5	7.9	8.3	9.3	8.2	8.9	8.7	6.4	7.5	6.7	5.3	5.9
20	8.7	7.9	8.4	9.1	8.1	8.8	8.6	6.4	7.6	6.6	4.8	5.7
21	8.7	8.0	8.4	9.0	8.0	8.6	8.7	6.7	7.6	7.0	4.9	6.0
22	9.3	8.4	8.8	9.2	7.9	8.6	8.2	6.5	7.5	6.7	5.0	6.1
23	9.4	8.9	9.1	9.4	8.0	8.7	7.9	6.3	7.3	6.8	5.2	6.2
24	9.5	9.0	9.2	9.2	8.1	8.7	7.6	5.8	7.0	7.3	5.0	6.2
25	9.9	9.2	9.5	8.9	7.9	8.5	7.5	5.7	6.9	6.6	4.3	5.7
26	9.9	9.5	9.7	8.6	7.1	8.0	7.1	5.4	6.5	6.4	3.8	5.3
27	9.7	9.2	9.5	8.4	7.2	7.9	6.6	5.5	6.2	6.6	3.7	5.0
28	9.6	8.9	9.3	8.5	7.5	8.0	6.5	4.9	5.8	6.6	3.8	5.1
29	---	---	---	8.6	7.4	8.1	6.6	4.7	5.8	6.5	3.9	5.3
30	---	---	---	8.8	7.4	8.1	7.3	5.0	6.4	6.8	4.3	5.7
31	---	---	---	8.9	7.4	8.3	---	---	---	6.9	4.8	5.9
MONTH	9.9	7.1	8.6	10.3	7.1	9.1	9.0	4.7	7.3	9.2	3.7	6.3

02176635 BATTERY CREEK AT PORT ROYAL, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.0	4.5	6.1	6.4	4.7	5.4	6.7	3.5	5.0	7.3	5.5	6.4
2	7.0	5.3	6.2	6.0	4.3	5.3	6.4	3.9	5.1	7.8	5.9	6.9
3	7.0	5.1	6.1	6.0	4.2	5.3	6.6	4.0	5.3	8.3	5.7	6.9
4	6.8	4.2	5.7	6.6	4.4	5.3	---	---	---	7.6	5.1	6.5
5	6.8	4.0	5.6	6.2	4.2	5.0	---	---	---	7.1	4.5	6.0
6	6.9	3.9	5.7	---	---	---	---	---	---	6.8	4.4	5.6
7	7.2	4.0	5.8	---	---	---	5.9	3.4	4.9	7.2	4.6	5.7
8	7.0	3.7	5.5	---	---	---	5.7	3.6	4.6	7.3	4.6	5.7
9	6.4	3.2	5.0	---	---	---	5.8	3.5	4.5	7.5	4.6	6.0
10	5.4	3.1	4.4	---	---	---	6.0	3.7	4.7	8.1	4.9	6.5
11	5.9	2.9	4.2	---	---	---	5.6	3.4	4.7	---	---	---
12	6.0	3.2	4.6	---	---	---	5.7	3.6	4.6	---	---	---
13	6.2	3.5	4.9	---	---	---	4.4	2.7	3.5	---	---	---
14	6.3	4.7	5.6	---	---	---	4.2	2.2	3.2	---	---	---
15	6.7	4.5	5.5	5.3	2.8	4.4	3.9	2.1	2.9	---	---	---
16	7.0	4.5	5.6	5.0	3.9	4.4	3.4	2.0	2.6	---	---	---
17	6.6	4.8	5.5	5.3	2.9	4.1	3.2	1.7	2.5	---	---	---
18	7.4	4.6	5.9	5.5	3.3	4.3	3.6	2.0	2.8	---	---	---
19	7.0	5.5	6.3	5.4	3.5	4.3	3.5	1.9	2.8	---	---	---
20	6.6	5.0	6.1	6.1	3.9	4.8	3.5	2.0	2.8	---	---	---
21	6.7	4.6	6.0	6.4	4.3	5.1	3.3	1.9	2.6	---	---	---
22	6.7	4.7	6.2	6.3	4.6	5.4	3.3	1.7	2.6	---	---	---
23	7.2	5.6	6.3	5.6	3.3	4.7	5.0	2.1	3.5	7.5	5.9	6.8
24	7.1	5.3	6.1	5.7	3.1	4.4	5.9	2.8	4.3	7.2	5.9	6.5
25	6.7	4.6	5.6	5.5	2.8	4.1	5.9	3.7	4.5	---	---	---
26	6.6	4.5	5.3	6.0	2.7	4.2	5.8	3.5	4.6	---	---	---
27	6.2	4.3	5.2	6.4	3.2	4.4	5.2	3.6	4.5	---	---	---
28	5.7	4.1	5.0	6.8	3.3	4.9	5.3	2.8	4.0	---	---	---
29	6.1	4.0	5.3	6.2	3.8	5.0	5.4	3.4	4.5	---	---	---
30	6.4	4.8	5.6	6.4	3.8	5.0	5.9	3.8	5.3	6.2	4.3	5.5
31	---	---	---	6.7	3.7	5.0	6.6	4.7	5.8	---	---	---
MONTH	7.4	2.9	5.6	---	---	---	---	---	---	---	---	---

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC

LOCATION.--Lat 32°21'00'', long 80°40'09'', Beaufort County, Hydrologic Unit 03050208,channel marker piling in main channel of Beaufort River, approximately 1500 ft east of Parris Island dry dock, and 1.2 mi downstream of Beaufort River and Battery Creek.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to September 1999.

GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).

REMARKS.--Gage height tidally affected.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.78 ft, May 16, 1999; minimum gage height, 9.90 ft, Apr. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.78 ft, May 16; minimum gage height, 9.90 ft, Apr. 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.53	12.11	16.22	20.19	11.32	16.36	19.98	10.45	15.64	20.83	10.71	16.25
2	20.26	12.63	16.62	20.53	11.21	16.34	20.45	10.06	15.83	21.56	11.23	16.97
3	20.49	12.10	16.59	20.93	11.07	16.27	20.82	10.22	15.77	---	---	---
4	20.57	11.29	16.29	20.77	10.39	15.93	20.59	10.08	15.56	19.60	10.40	15.09
5	20.72	11.10	16.26	21.28	10.95	16.42	20.43	10.20	15.52	19.23	10.85	15.27
6	21.17	11.33	16.54	21.35	11.51	16.29	20.21	10.77	15.56	19.64	11.80	15.79
7	21.31	11.36	16.41	20.52	11.18	15.77	19.87	11.12	15.54	19.06	12.01	15.61
8	20.73	10.89	15.90	20.16	11.41	15.73	19.41	11.40	15.39	19.06	12.63	15.89
9	20.28	10.88	15.69	19.61	11.81	15.69	18.55	11.45	15.22	18.87	12.77	15.97
10	20.07	11.36	15.72	19.48	12.27	15.82	19.12	12.98	15.95	18.45	13.21	15.92
11	19.89	11.86	15.87	18.81	11.84	15.45	19.04	13.02	16.19	18.93	12.74	15.80
12	19.69	12.30	16.01	18.73	12.38	15.63	19.32	13.05	16.46	18.54	12.38	15.64
13	19.73	12.64	16.27	19.28	12.88	16.21	19.33	11.84	16.01	18.89	12.21	15.67
14	19.54	12.62	16.33	19.29	12.47	16.27	18.92	12.70	16.20	19.09	12.06	15.73
15	19.53	12.62	16.35	19.30	12.04	15.92	19.79	12.76	16.64	19.27	11.60	15.59
16	19.75	12.75	16.54	19.31	12.01	15.97	19.31	12.50	16.11	19.68	11.51	15.97
17	19.72	12.66	16.51	19.33	11.89	15.77	19.36	12.03	15.66	19.98	11.88	16.19
18	19.58	12.37	16.23	19.62	11.69	16.09	19.86	11.85	16.02	20.05	11.36	15.87
19	19.28	11.87	15.87	19.87	12.36	16.18	19.94	12.02	16.19	19.68	10.96	15.58
20	19.14	11.67	15.70	19.60	11.95	15.90	19.77	11.78	15.98	19.80	11.37	15.82
21	19.28	11.96	15.88	19.06	11.86	15.64	19.56	11.65	15.80	19.79	11.48	15.89
22	19.02	12.16	15.83	19.29	12.55	15.95	19.44	11.39	15.65	19.67	11.50	15.89
23	19.62	12.80	16.27	19.37	12.08	15.78	19.87	12.49	16.07	19.69	11.75	15.94
24	19.34	12.49	16.05	18.91	12.00	15.44	19.88	12.27	16.16	19.84	11.48	15.78
25	19.04	12.66	15.86	19.25	12.58	15.85	19.88	12.98	16.36	19.09	11.66	15.65
26	18.80	12.72	15.76	18.81	12.17	15.54	19.90	12.83	16.63	19.45	12.55	16.11
27	19.02	12.76	15.81	18.70	11.97	15.41	20.03	12.23	16.49	20.19	11.27	16.10
28	19.20	13.18	16.08	19.02	11.73	15.66	20.27	11.89	16.47	19.97	10.64	15.78
29	19.24	12.57	15.90	19.40	11.07	15.83	20.48	11.32	16.48	20.02	10.62	15.91
30	19.50	11.98	16.12	19.71	10.45	15.77	20.27	11.06	15.89	20.93	11.22	16.63
31	19.82	11.62	16.10	---	---	---	20.66	10.97	16.21	21.68	12.27	17.26
MONTH	21.31	10.88	16.12	21.35	10.39	15.90	20.82	10.06	15.99	21.68	10.40	15.92

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.61	12.80	17.17	19.65	10.60	15.65	19.21	11.15	15.57	20.80	13.03	16.92
2	20.82	11.53	16.31	20.17	11.34	16.18	19.48	11.14	15.51	20.60	13.30	17.04
3	20.24	11.47	16.03	20.40	11.06	15.79	19.50	11.71	15.75	19.99	12.92	16.52
4	19.58	11.50	15.82	19.20	10.42	15.08	19.11	12.23	15.83	19.81	12.77	16.29
5	19.40	12.41	15.97	19.13	11.70	15.68	19.81	11.95	15.89	19.54	12.94	16.26
6	19.08	12.75	16.13	18.82	12.07	15.65	19.81	13.32	16.54	19.28	12.78	15.96
7	18.72	12.90	15.96	18.41	11.97	15.36	19.15	12.80	15.78	19.29	12.63	15.70
8	18.29	13.02	15.67	18.45	13.26	15.96	18.50	12.57	15.52	18.60	12.36	15.50
9	19.03	13.72	16.35	18.98	12.95	16.10	18.69	12.92	15.76	18.54	12.15	15.63
10	19.14	13.42	16.27	18.27	13.44	15.96	18.53	12.42	15.78	18.93	12.02	15.84
11	19.39	12.86	16.29	19.06	13.53	16.31	19.75	12.57	16.56	19.65	12.22	16.26
12	19.20	10.70	15.78	18.93	13.18	16.24	19.74	11.68	16.11	20.24	11.65	16.44
13	18.69	10.70	15.31	19.19	13.28	16.46	20.61	12.16	16.84	20.75	11.03	16.32
14	19.65	11.50	16.08	20.36	11.68	16.82	20.82	11.49	16.61	21.31	10.68	16.30
15	19.96	11.56	16.00	19.15	11.16	15.60	21.20	10.47	16.62	21.66	11.01	16.46
16	19.97	11.12	15.95	20.03	11.48	16.18	20.44	9.93	15.49	---	---	---
17	20.09	10.84	15.89	19.93	10.81	15.86	20.41	9.93	15.39	---	---	---
18	20.25	11.09	16.04	19.99	10.29	15.62	20.12	9.90	15.24	21.32	11.70	16.63
19	20.65	11.68	16.30	20.51	10.36	15.73	19.90	10.37	15.19	20.95	11.85	16.28
20	20.48	12.21	16.48	20.56	10.84	15.80	19.70	10.43	15.03	20.65	12.11	16.29
21	20.49	12.05	16.42	19.88	10.33	15.62	19.22	10.99	15.19	20.30	12.33	16.20
22	20.24	12.58	16.46	19.48	10.93	15.28	19.54	11.70	15.49	19.77	12.29	16.10
23	20.35	12.77	16.56	19.67	11.24	15.38	19.21	11.70	15.42	19.27	11.96	15.98
24	20.32	12.30	16.51	19.41	11.61	15.41	19.13	11.34	15.74	18.98	11.97	15.80
25	20.38	11.73	16.47	19.05	11.71	15.46	19.93	12.78	16.72	19.35	12.08	15.88
26	19.84	12.05	16.44	19.55	12.81	16.22	19.62	12.30	16.37	19.57	12.10	15.99
27	20.42	12.05	16.48	19.60	11.77	16.14	19.65	12.22	16.28	19.85	11.90	16.14
28	20.24	11.44	15.89	19.46	11.60	15.89	20.02	12.18	16.48	19.72	12.17	16.14
29	---	---	---	19.42	11.29	15.82	20.29	12.74	16.66	19.52	12.03	15.95
30	---	---	---	19.82	11.41	16.06	20.41	13.06	16.82	19.60	11.95	15.87
31	---	---	---	19.98	11.74	16.22	---	---	---	19.70	12.27	16.01
MONTH	21.61	10.70	16.18	20.56	10.29	15.86	21.20	9.90	15.94	21.66	10.68	16.16

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.65	12.36	16.00	19.34	11.48	15.38	19.75	11.90	16.06	20.87	12.79	17.00
2	19.51	12.38	15.89	19.62	12.20	15.87	19.73	11.75	16.16	---	---	---
3	18.68	12.11	15.50	19.43	11.99	15.80	20.40	12.42	16.60	---	---	---
4	19.20	11.57	15.55	19.43	11.88	15.81	20.51	12.62	16.73	---	---	---
5	19.21	12.74	16.20	19.26	11.79	15.68	20.32	12.17	16.49	---	---	---
6	19.41	12.62	16.07	19.18	11.39	15.67	20.46	11.89	16.42	---	---	---
7	19.19	12.42	16.06	19.32	11.32	15.63	20.54	11.57	16.38	---	---	---
8	---	---	---	19.71	10.89	15.60	20.58	10.94	16.12	---	---	---
9	---	---	---	20.05	10.43	15.62	20.82	10.70	15.98	20.95	11.92	16.72
10	---	---	---	20.41	10.29	15.67	21.54	11.39	16.50	20.70	12.09	16.67
11	---	---	---	20.78	10.14	15.67	21.13	10.98	16.52	20.69	12.45	16.83
12	---	---	---	21.37	10.98	16.33	20.95	11.38	16.33	20.55	13.16	17.05
13	---	---	---	21.32	11.05	16.34	20.52	11.42	16.30	20.24	13.34	16.93
14	---	---	---	21.19	11.26	16.33	19.99	11.72	16.21	20.29	13.69	17.05
15	---	---	---	20.91	11.67	16.27	19.55	12.16	16.16	20.12	12.95	17.01
16	---	---	---	20.28	11.98	16.18	19.44	11.99	15.93	19.67	13.11	16.35
17	---	---	---	20.12	11.87	16.02	19.01	12.29	15.99	19.46	13.50	16.40
18	20.64	12.49	16.74	19.57	11.87	15.79	19.01	12.61	15.96	19.36	13.83	16.56
19	20.83	13.44	17.04	18.99	11.98	15.59	18.78	12.48	15.67	19.37	13.78	16.61
20	20.15	12.73	16.47	18.52	11.75	15.40	18.84	12.33	15.71	19.94	13.54	16.76
21	19.48	12.87	16.34	18.65	12.08	15.56	18.93	12.56	15.81	20.59	13.74	17.19
22	19.42	12.93	16.42	19.07	12.57	15.99	19.70	12.64	16.17	20.80	13.61	17.27
23	19.75	13.00	16.52	19.16	12.57	15.98	20.06	13.16	16.69	21.18	13.21	17.34
24	19.65	12.82	16.45	19.37	12.27	15.90	20.17	12.69	16.59	21.15	12.95	17.31
25	19.61	12.48	16.19	19.42	12.13	15.82	20.14	12.04	16.31	21.08	12.15	16.95
26	19.40	12.10	15.90	19.63	12.11	15.83	20.20	11.69	16.07	20.77	11.84	16.65
27	19.32	12.06	15.81	20.08	12.00	15.93	20.14	11.39	15.99	21.08	11.78	16.69
28	19.11	11.59	15.45	20.22	12.18	16.20	20.60	11.61	16.23	21.00	11.94	16.70
29	19.03	11.27	15.24	20.13	12.04	16.11	20.83	12.30	16.73	21.21	12.24	16.81
30	19.41	11.47	15.53	20.21	11.85	16.06	20.65	12.59	16.96	21.00	11.91	16.64
31	---	---	---	19.99	11.81	15.99	20.62	12.51	16.78	---	---	---
MONTH	20.83	11.27	16.07	21.37	10.14	15.87	21.54	10.70	16.28	21.21	11.78	16.85
YEAR	21.68	9.90	16.08									

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 1999.

WATER TEMPERATURE: October 1998 to September 1999.

DISSOLVED OXYGEN: October 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,900 microsiemens, Sep. 12, 13, 1999; minimum, 42,600 microsiemens, Jul. 5, 1999.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 2, 1999; minimum, 9.0°C, Jan. 8, 1999.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 16, 1999; minimum, 3.3 mg/L, Aug. 29, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,900 microsiemens, Sep. 12, 13; minimum, 42,600 microsiemens, Jul. 5.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1, 2; minimum, 9.0°C, Jan. 8.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 16; minimum, 3.3 mg/L, Aug. 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	50600	49900	50200	---	---	---	51000	50000	50700
2	---	---	---	50700	49800	50300	---	---	---	51100	50200	50700
3	---	---	---	50800	49900	50300	---	---	---	---	---	---
4	---	---	---	50900	49900	50300	51400	50600	50900	---	---	---
5	---	---	---	51200	50100	50600	51400	50700	51000	---	---	---
6	---	---	---	51600	50400	50900	51400	50700	51000	---	---	---
7	---	---	---	51600	50600	51000	51300	50700	50900	---	---	---
8	---	---	---	51400	50700	51000	51100	49900	50700	50800	50200	50500
9	---	---	---	51200	50700	51000	51100	50500	50800	50700	50100	50400
10	---	---	---	51100	50600	50900	51300	50800	51000	50700	50200	50400
11	---	---	---	50900	50400	50700	51300	50800	51000	50700	50200	50500
12	---	---	---	50800	50400	50600	51200	50700	50900	50700	50200	50500
13	---	---	---	---	---	---	51100	50300	50800	50800	50200	50500
14	---	---	---	---	---	---	51200	50600	50900	50900	50100	50500
15	---	---	---	---	---	---	51400	51000	51200	50900	50100	50400
16	---	---	---	---	---	---	51500	51200	51300	51000	50100	50500
17	---	---	---	---	---	---	51400	51000	51400	51000	50100	50500
18	---	---	---	---	---	---	51500	51100	51300	50900	49800	50300
19	---	---	---	---	---	---	51200	50900	51100	50700	49800	50200
20	---	---	---	---	---	---	51100	50900	51000	50700	49800	50200
21	---	---	---	---	---	---	51600	50900	51300	50800	49800	50200
22	---	---	---	---	---	---	51700	51400	51500	51000	49900	50400
23	---	---	---	---	---	---	51900	51500	51700	51200	49500	50300
24	---	---	---	---	---	---	51900	51600	51700	50800	48500	49600
25	---	---	---	---	---	---	51800	51400	51600	50300	48800	49400
26	---	---	---	---	---	---	51700	50900	51300	50500	48900	49600
27	---	---	---	---	---	---	51300	50700	51000	50900	48800	49700
28	---	---	---	---	---	---	51100	50500	50800	50800	48800	49700
29	---	---	---	---	---	---	50800	50200	50500	50900	48800	49800
30	50300	49800	50100	---	---	---	51000	50200	50600	51200	49000	50000
31	50400	49900	50200	---	---	---	51000	50400	50700	51000	49200	50000
MONTH	50400	49800	50200	51600	49800	50600	51900	49900	51100	51200	48500	50200

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	50600	49000	49800	50000	48700	49500	49200	48700	49000	---	---	---
2	50300	48300	49300	50000	48900	49500	49100	48700	48900	---	---	---
3	50200	48400	49300	50000	48400	49400	49000	48600	48800	---	---	---
4	50100	48300	49200	49800	48800	49600	48900	48500	48700	---	---	---
5	50200	48600	49300	---	---	---	48800	48500	48600	51400	50000	50600
6	50300	48600	49400	---	---	---	48700	48400	48600	51200	49500	50300
7	50200	48700	49400	---	---	---	48600	48200	48400	50900	49300	50100
8	50100	48700	49300	49800	49300	49500	48600	47900	48300	50700	49600	50100
9	50400	48500	49400	49900	49200	49500	48400	48000	48200	50600	49200	50100
10	50400	48200	49300	49700	49000	49400	48300	47700	48100	51200	49400	50300
11	50000	47900	48900	49700	49100	49400	48200	47300	47900	51300	49300	50500
12	49900	47800	48700	49600	48900	49300	48300	47300	48100	51500	49100	50300
13	49700	47700	48900	49400	48800	49200	48800	47800	48200	51600	49200	50400
14	50300	48300	49400	49400	48500	49100	49600	47400	48400	51700	49000	50300
15	50600	48500	49500	49100	48300	48800	50000	48300	48800	51600	49000	50400
16	50800	47900	49600	49000	48200	48700	49800	47800	48700	---	---	---
17	50600	48300	49600	49200	48100	48600	50300	48800	49300	---	---	---
18	50400	48600	49600	49000	48100	48600	50500	49200	49600	---	---	---
19	50500	48600	49500	49100	48100	48600	50600	49500	49800	---	---	---
20	50400	48700	49600	49200	48100	48600	50700	49700	49900	---	---	---
21	50300	48000	49400	49200	48100	48600	50500	49700	50000	51300	50400	50900
22	50400	48900	49700	48900	48100	48600	50600	49900	50100	51500	50600	51100
23	50500	48800	49700	49000	48300	48600	50600	49800	50100	---	---	---
24	50600	48800	49800	49000	48300	48600	50600	49900	50200	---	---	---
25	50400	48700	49700	48900	48300	48600	51100	49400	50300	---	---	---
26	50000	48700	49600	48900	48300	48600	---	---	---	---	---	---
27	50000	48800	49500	49100	48400	48800	---	---	---	---	---	---
28	49900	48700	49400	49000	48400	48800	---	---	---	---	---	---
29	---	---	---	49000	48500	48800	---	---	---	---	---	---
30	---	---	---	49000	48500	48800	---	---	---	---	---	---
31	---	---	---	49200	48600	48900	---	---	---	---	---	---
MONTH	50800	47700	49400	50000	48100	49000	51100	47300	49000	51700	49000	50400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	49600	43200	46200	48300	45900	46900	52400	49100	50700
2	---	---	---	49400	43400	46400	49100	46000	47300	---	---	---
3	---	---	---	49300	43300	46300	50600	47400	48400	---	---	---
4	51800	51200	51500	49000	43600	46000	51000	47200	48700	---	---	---
5	51600	50500	51300	48600	42600	45700	50900	47400	49000	---	---	---
6	51600	50700	51300	48400	43400	46000	50700	47800	49100	---	---	---
7	51700	50400	51300	47900	42900	45600	50300	47100	48600	---	---	---
8	---	---	---	48000	43100	45700	49900	46600	48000	---	---	---
9	---	---	---	48300	43800	46400	49600	47100	48200	51500	49300	50300
10	---	---	---	48000	44700	46300	50600	47300	48700	52400	49300	50800
11	---	---	---	47900	45000	46300	50800	48100	49100	52700	50700	51500
12	---	---	---	47600	43900	45600	50700	48200	49100	52900	50800	51700
13	---	---	---	48300	42900	45600	50500	48300	49100	52900	51200	51800
14	---	---	---	48500	44400	46400	50300	48000	49100	52700	51300	51900
15	---	---	---	48700	45000	46500	49900	48500	49100	52600	50100	51700
16	---	---	---	48700	45200	46500	49700	48400	49000	51900	50400	51200
17	---	---	---	48600	44300	46100	49600	48700	49200	51800	50500	51000
18	---	---	---	48000	44400	45900	---	---	---	51600	50300	50900
19	---	---	---	47400	44600	45900	---	---	---	51500	50100	50800
20	---	---	---	47400	44600	46200	---	---	---	51400	49700	50500
21	---	---	---	47500	45800	46600	---	---	---	51300	49800	50500
22	---	---	---	48200	45700	46900	---	---	---	51400	49400	50300
23	52400	52100	52300	48300	46600	47400	---	---	---	51000	49200	50100
24	52400	51500	52100	48500	46200	47300	50300	49100	49800	51000	49100	50200
25	52200	51200	51900	48600	46300	47400	50800	48800	49700	51000	49000	50100
26	52100	51500	52000	48700	46300	47400	51100	49300	50100	51000	49100	50100
27	52100	51500	51900	48100	45700	47100	51000	49000	50100	51100	49100	50000
28	51800	50800	51500	50000	46100	47600	51400	49000	50000	50800	48500	49700
29	51400	47200	49600	49700	47100	48100	52300	49100	50300	50800	48700	49600
30	49700	44600	47100	49400	46800	47800	52100	49100	50500	50600	48700	49600
31	---	---	---	48500	46300	47300	52300	49300	50500	---	---	---
MONTH	52400	44600	51200	50000	42600	46500	52300	45900	49100	52900	48500	50700

YEAR	52900	42600	49500

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	22.0	21.0	21.5	---	---	---	11.5	11.0	11.5
2	---	---	---	22.0	21.5	22.0	---	---	---	11.5	11.0	11.0
3	---	---	---	22.0	22.0	22.0	---	---	---	---	---	---
4	---	---	---	22.0	21.5	21.5	19.5	19.0	19.5	---	---	---
5	---	---	---	21.5	20.0	20.5	20.0	19.5	19.5	---	---	---
6	---	---	---	20.0	19.0	19.5	20.0	19.5	20.0	---	---	---
7	---	---	---	19.0	18.0	18.5	20.5	20.0	20.0	---	---	---
8	---	---	---	18.5	17.5	18.0	20.5	20.0	20.5	9.5	9.0	9.5
9	---	---	---	18.5	18.0	18.5	20.5	20.0	20.5	10.0	9.5	9.5
10	---	---	---	19.0	18.5	18.5	20.0	19.5	20.0	10.0	9.5	10.0
11	---	---	---	19.5	19.0	19.0	19.5	19.0	19.0	10.0	9.5	10.0
12	---	---	---	19.5	19.0	19.0	19.0	18.0	18.5	10.0	9.5	10.0
13	---	---	---	---	---	---	18.0	18.0	18.0	10.5	10.0	10.0
14	---	---	---	---	---	---	18.0	17.0	17.5	10.5	10.0	10.5
15	---	---	---	---	---	---	17.0	15.5	16.5	11.0	10.5	11.0
16	---	---	---	---	---	---	16.0	15.0	15.5	11.5	11.0	11.0
17	---	---	---	---	---	---	15.5	14.5	15.0	11.5	11.0	11.5
18	---	---	---	---	---	---	14.5	13.5	14.0	12.5	11.5	12.0
19	---	---	---	---	---	---	14.5	13.5	14.0	12.5	12.0	12.0
20	---	---	---	---	---	---	14.5	14.0	14.0	12.5	12.0	12.5
21	---	---	---	---	---	---	15.0	14.0	14.5	13.0	12.5	12.5
22	---	---	---	---	---	---	15.5	15.0	15.0	14.0	12.5	13.0
23	---	---	---	---	---	---	15.5	15.0	15.0	15.5	13.5	14.0
24	---	---	---	---	---	---	15.0	14.5	15.0	16.0	14.0	15.0
25	---	---	---	---	---	---	14.5	13.5	14.0	15.5	14.5	15.0
26	---	---	---	---	---	---	13.5	12.0	13.0	15.5	14.0	15.0
27	---	---	---	---	---	---	12.5	12.0	12.0	15.5	14.0	15.0
28	---	---	---	---	---	---	12.0	11.5	12.0	16.0	14.5	15.0
29	---	---	---	---	---	---	12.5	11.5	12.0	16.0	15.0	15.5
30	21.5	21.0	21.0	---	---	---	12.5	11.5	12.0	16.0	15.0	15.5
31	21.5	21.0	21.5	---	---	---	12.0	11.5	11.5	15.5	13.5	14.5
MONTH	21.5	21.0	21.2	22.0	17.5	19.9	20.5	11.5	16.0	16.0	9.0	12.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.5	13.0	14.0	13.5	12.5	13.0	17.5	16.5	17.0	19.5	17.0	18.5
2	14.0	13.0	14.0	13.5	13.0	13.0	18.5	17.0	17.5	18.0	17.0	18.0
3	14.5	13.5	14.0	13.5	13.0	13.5	19.0	17.5	18.5	18.5	17.5	18.0
4	15.0	14.0	14.5	13.5	12.5	13.0	20.0	18.0	19.0	19.5	18.0	18.5
5	15.0	14.0	14.5	13.0	12.5	13.0	20.5	19.0	19.5	20.0	18.5	19.5
6	15.0	14.5	14.5	13.5	13.0	13.0	20.5	19.0	20.0	20.5	19.0	20.0
7	15.5	14.5	15.0	14.0	13.0	13.5	21.0	19.5	20.5	21.5	20.0	20.5
8	16.0	15.0	15.5	13.5	13.0	13.0	21.5	20.0	21.0	22.0	20.5	21.0
9	16.0	15.0	15.5	13.0	13.0	13.0	22.0	20.5	21.5	22.5	21.0	22.0
10	16.5	15.5	16.0	13.5	13.0	13.0	22.0	21.0	21.5	23.0	21.5	22.5
11	16.5	15.5	16.0	13.5	13.0	13.0	23.0	21.0	22.0	23.5	22.0	23.0
12	17.0	16.0	16.5	13.5	13.0	13.0	22.5	21.5	22.0	23.5	22.5	23.0
13	17.0	15.5	16.0	13.5	13.0	13.0	22.5	20.5	21.5	24.0	22.5	23.0
14	16.0	14.0	14.5	13.5	13.0	13.5	21.5	20.5	21.0	24.0	23.0	23.5
15	14.5	13.5	14.0	13.5	13.0	13.5	21.5	20.5	21.0	24.0	23.0	23.5
16	14.5	13.5	14.0	13.5	12.5	13.0	21.5	20.5	21.0	---	---	---
17	14.5	14.0	14.0	14.0	13.0	13.5	20.5	19.5	20.0	---	---	---
18	15.5	14.5	15.0	14.5	13.5	14.0	20.0	19.0	19.5	---	---	---
19	16.0	15.0	15.5	15.5	14.0	14.5	19.5	19.0	19.0	---	---	---
20	15.5	15.0	15.0	15.5	14.5	15.0	20.0	19.0	19.5	---	---	---
21	15.0	14.5	15.0	16.0	15.0	15.5	20.5	19.5	20.0	25.5	24.0	24.5
22	14.5	13.5	14.0	16.0	15.0	15.5	21.0	20.0	20.5	25.5	24.0	25.0
23	13.5	13.0	13.0	16.5	15.0	15.5	22.0	20.5	21.0	25.5	24.5	25.0
24	13.0	12.0	12.5	17.0	15.5	16.5	22.0	21.0	21.5	25.5	24.5	25.0
25	12.5	11.5	12.0	17.5	16.0	17.0	22.0	21.0	21.5	25.5	24.5	25.0
26	12.5	11.5	12.5	17.5	16.5	17.0	22.0	20.5	21.5	26.0	25.0	25.5
27	13.0	12.0	12.5	17.0	16.0	16.5	22.5	21.0	22.0	26.0	25.0	25.5
28	13.5	12.5	13.0	16.5	16.0	16.5	23.0	22.0	22.5	26.0	25.0	25.5
29	---	---	---	17.0	16.0	16.5	22.5	21.0	22.0	26.0	25.5	25.5
30	---	---	---	17.0	16.5	16.5	21.5	19.0	20.5	26.0	25.5	26.0
31	---	---	---	17.0	16.5	16.5	---	---	---	26.0	25.5	26.0
MONTH	17.0	11.5	14.4	17.5	12.5	14.4	23.0	16.5	20.5	26.0	17.0	22.8

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.5	26.0	26.0	26.0	26.0	33.0	31.5	32.5	28.0	27.0	27.5
2	26.5	25.5	26.0	27.0	26.0	26.5	33.0	32.0	32.5	---	---	---
3	26.5	26.0	26.0	27.5	26.5	27.0	32.5	32.0	32.5	---	---	---
4	27.0	26.0	26.5	28.5	27.0	27.5	32.5	31.5	32.0	---	---	---
5	27.5	26.5	27.0	29.0	27.5	28.0	32.0	31.5	32.0	---	---	---
6	27.5	26.5	27.0	29.0	28.0	28.5	32.0	31.5	31.5	---	---	---
7	28.0	27.0	27.5	29.5	28.5	28.5	32.0	31.5	32.0	---	---	---
8	---	---	---	29.5	28.5	29.0	32.0	31.5	31.5	---	---	---
9	---	---	---	30.0	29.0	29.5	31.5	31.0	31.5	29.0	28.0	28.5
10	---	---	---	30.0	29.0	29.5	31.5	30.5	31.0	29.0	28.0	28.5
11	---	---	---	30.0	29.0	29.5	31.5	30.5	31.0	29.0	28.5	28.5
12	---	---	---	29.5	29.0	29.0	31.5	30.5	31.0	28.5	27.5	28.0
13	---	---	---	29.0	28.5	29.0	32.0	31.0	31.5	28.0	27.0	27.5
14	---	---	---	29.0	28.0	28.5	32.0	31.0	31.5	27.5	26.5	27.0
15	---	---	---	29.5	28.5	29.0	32.0	31.0	31.5	27.0	25.5	26.5
16	---	---	---	29.0	28.5	29.0	31.5	31.0	31.5	25.5	25.0	25.5
17	---	---	---	29.5	28.5	29.0	31.5	31.0	31.5	25.5	25.0	25.0
18	28.5	27.5	28.0	29.5	29.0	29.0	31.5	31.0	31.0	25.5	25.0	25.0
19	27.5	26.5	27.0	29.5	29.0	29.5	31.5	31.0	31.0	25.0	24.5	25.0
20	26.5	26.0	26.0	30.0	29.0	29.5	31.0	30.5	31.0	25.0	23.5	24.5
21	26.0	25.5	26.0	30.5	29.5	30.0	30.5	30.0	30.5	24.5	24.0	24.5
22	26.0	25.5	26.0	31.0	29.5	30.5	30.5	30.0	30.5	24.5	23.5	24.0
23	26.5	25.5	26.0	31.5	30.0	30.5	30.5	30.0	30.0	24.0	23.0	23.5
24	26.5	26.0	26.0	31.5	30.5	31.0	30.5	30.0	30.0	23.5	23.0	23.5
25	26.5	26.0	26.5	31.5	31.0	31.0	30.0	29.5	30.0	24.0	23.0	23.5
26	27.0	26.5	26.5	31.5	30.5	31.0	30.0	29.5	30.0	24.0	23.5	24.0
27	27.0	26.5	27.0	31.5	30.5	31.5	30.0	29.5	29.5	24.5	23.5	24.0
28	27.0	26.5	26.5	32.0	31.0	31.5	30.0	29.5	30.0	24.5	24.0	24.5
29	26.5	25.5	26.0	32.0	31.0	31.5	30.0	29.0	29.5	25.5	24.0	24.5
30	26.0	25.5	25.5	32.0	31.0	31.5	29.0	28.5	29.0	25.5	24.5	25.0
31	---	---	---	32.5	31.0	32.0	28.5	27.5	28.0	---	---	---
MONTH	28.5	25.5	26.5	32.5	26.0	29.5	33.0	27.5	30.9	29.0	23.0	25.6
YEAR	33.0	9.0	21.2									

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	8.1	7.4	7.8	---	---	---	10.2	8.5	9.3
2	---	---	---	7.9	7.1	7.4	---	---	---	10.3	8.8	9.5
3	---	---	---	7.6	6.7	7.1	---	---	---	---	---	---
4	---	---	---	7.2	6.5	6.7	8.0	7.1	7.5	---	---	---
5	---	---	---	7.5	6.3	6.9	7.8	7.1	7.4	---	---	---
6	---	---	---	7.7	6.8	7.1	7.8	6.8	7.4	---	---	---
7	---	---	---	7.9	6.9	7.3	7.8	6.8	7.4	---	---	---
8	---	---	---	8.1	7.2	7.5	8.0	7.1	7.5	10.6	10.2	10.4
9	---	---	---	8.0	7.2	7.6	8.1	7.1	7.7	10.6	10.1	10.4
10	---	---	---	8.1	7.2	7.7	8.2	7.2	7.8	10.7	10.2	10.5
11	---	---	---	8.2	7.6	7.8	8.4	7.4	8.0	10.9	10.3	10.6
12	---	---	---	8.3	7.6	7.9	8.5	7.5	8.1	11.0	10.3	10.8
13	---	---	---	---	---	---	8.3	7.5	8.0	11.2	10.5	10.9
14	---	---	---	---	---	---	8.4	7.5	8.0	11.3	10.4	11.0
15	---	---	---	---	---	---	8.7	7.5	8.3	11.4	10.3	10.9
16	---	---	---	---	---	---	8.9	8.1	8.6	11.5	10.1	10.8
17	---	---	---	---	---	---	9.2	8.1	8.7	11.2	9.9	10.7
18	---	---	---	---	---	---	9.1	8.4	8.9	10.7	9.8	10.3
19	---	---	---	---	---	---	9.2	8.4	8.9	10.5	9.5	10.2
20	---	---	---	---	---	---	9.1	8.3	8.9	10.5	9.5	10.2
21	---	---	---	---	---	---	9.1	8.1	8.8	10.6	9.3	10.1
22	---	---	---	---	---	---	9.3	8.3	8.9	10.0	9.1	9.7
23	---	---	---	---	---	---	9.1	8.3	8.8	9.7	9.1	9.4
24	---	---	---	---	---	---	8.9	7.7	8.5	9.3	8.5	9.0
25	---	---	---	---	---	---	9.1	7.7	8.5	9.2	8.4	8.9
26	---	---	---	---	---	---	9.6	8.1	8.9	9.2	8.3	8.9
27	---	---	---	---	---	---	9.7	8.4	9.1	9.1	8.2	8.8
28	---	---	---	---	---	---	9.8	8.4	9.2	9.0	8.2	8.6
29	---	---	---	---	---	---	9.7	8.4	9.1	8.8	8.0	8.5
30	8.6	7.5	8.2	---	---	---	9.7	8.5	9.2	8.8	8.0	8.5
31	8.4	7.6	8.1	---	---	---	9.6	8.5	9.2	9.1	8.0	8.6
MONTH	8.6	7.5	8.1	8.3	6.3	7.4	9.8	6.8	8.4	11.5	8.0	9.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.3	8.4	8.9	9.6	8.8	9.3	9.3	8.5	9.0	8.0	6.6	7.3
2	9.1	8.4	8.7	9.7	8.9	9.4	9.3	8.4	8.9	7.9	6.9	7.6
3	8.9	8.4	8.7	9.7	8.9	9.5	9.3	8.3	8.9	7.8	6.5	7.5
4	9.0	8.3	8.7	10.0	9.2	9.7	9.2	8.3	8.9	8.0	5.9	7.2
5	9.0	8.2	8.7	10.2	9.2	9.8	9.1	8.2	8.8	7.8	5.9	7.0
6	9.0	8.5	8.8	10.2	9.4	9.9	9.1	8.1	8.8	7.7	5.9	6.8
7	9.1	8.4	8.8	10.4	9.4	10.0	8.8	7.8	8.5	7.8	6.0	7.0
8	9.1	8.4	8.9	10.5	9.5	10.1	8.8	7.7	8.3	7.4	5.1	6.3
9	9.1	8.4	8.9	10.5	9.7	10.2	8.5	7.3	8.1	7.4	5.3	6.3
10	9.3	8.4	8.9	10.7	9.6	10.1	8.4	7.1	7.9	8.1	5.7	7.1
11	8.9	8.2	8.6	10.7	9.6	10.2	8.4	6.8	7.8	7.9	6.5	7.4
12	8.7	8.1	8.4	10.7	9.4	10.1	8.2	6.8	7.7	7.6	6.3	7.1
13	8.9	8.1	8.5	10.8	9.5	10.2	8.2	6.8	7.7	7.2	6.0	6.6
14	9.2	8.3	8.8	10.8	9.5	10.2	7.9	6.5	7.3	7.3	5.7	6.4
15	9.2	8.4	8.9	10.5	9.1	9.9	7.8	6.4	7.2	7.2	5.4	6.4
16	9.2	8.5	8.9	10.3	8.8	9.7	7.7	6.6	7.1	---	---	---
17	8.9	8.4	8.8	10.3	8.8	9.6	7.7	6.4	7.1	---	---	---
18	8.8	8.4	8.7	9.8	9.2	9.6	7.7	6.3	7.1	---	---	---
19	8.6	8.1	8.4	9.7	9.1	9.5	7.8	6.4	7.2	---	---	---
20	8.7	8.0	8.4	9.6	8.8	9.4	7.9	6.4	7.4	---	---	---
21	8.7	8.0	8.4	9.4	8.9	9.2	7.9	6.5	7.4	7.0	5.7	6.5
22	9.1	8.4	8.8	9.5	8.7	9.2	8.0	6.6	7.5	7.4	5.9	6.8
23	9.4	8.6	9.1	9.4	8.5	9.2	7.9	6.6	7.4	7.7	6.2	7.1
24	9.6	9.0	9.4	9.4	8.5	9.1	7.8	6.6	7.3	7.7	6.4	7.1
25	9.7	8.5	9.3	9.4	8.4	9.1	7.6	6.2	7.1	7.9	6.4	7.1
26	9.4	8.6	9.1	9.3	8.2	8.9	7.3	5.6	6.6	7.8	6.4	7.1
27	9.5	8.6	9.2	9.2	8.1	8.8	7.3	5.6	6.7	7.6	6.2	6.9
28	9.4	8.7	9.2	9.3	8.0	8.8	7.0	5.8	6.6	7.6	5.9	6.7
29	---	---	---	9.2	8.1	8.7	7.0	5.8	6.6	7.3	5.8	6.5
30	---	---	---	9.2	8.1	8.7	7.5	6.0	6.8	7.5	5.4	6.4
31	---	---	---	9.3	8.2	8.8	---	---	---	7.2	5.0	6.1
MONTH	9.7	8.0	8.8	10.8	8.0	9.5	9.3	5.6	7.7	8.1	5.0	6.9

02176640 BEAUFORT RIVER AT PARRIS ISLAND, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	5.6	6.6	6.6	5.2	5.9	---	---	---	7.0	4.5	6.0
2	7.4	5.7	6.7	6.6	5.0	5.8	---	---	---	---	---	---
3	7.3	5.7	6.6	6.5	4.7	5.7	6.3	4.4	5.6	---	---	---
4	7.3	5.4	6.7	6.4	4.8	5.7	6.6	4.7	5.8	---	---	---
5	7.1	4.8	5.8	6.4	4.6	5.6	6.7	4.9	5.9	---	---	---
6	6.7	4.4	5.8	6.2	4.9	5.6	6.5	4.6	5.8	---	---	---
7	7.8	5.1	6.6	6.5	5.4	6.0	6.7	4.6	5.8	---	---	---
8	---	---	---	6.7	5.6	6.2	6.8	4.8	5.9	---	---	---
9	---	---	---	7.0	5.6	6.3	6.7	4.6	5.8	8.0	5.8	6.7
10	---	---	---	7.3	5.8	6.4	6.6	4.7	5.6	7.5	5.1	6.3
11	---	---	---	7.3	5.9	6.5	6.7	4.7	5.6	7.3	4.9	6.1
12	---	---	---	7.0	5.6	6.1	6.6	5.0	5.7	7.1	5.3	6.4
13	---	---	---	6.8	4.9	5.7	6.3	4.4	5.4	7.2	5.1	6.4
14	---	---	---	6.7	4.6	5.6	5.8	4.2	5.2	6.7	5.2	6.2
15	---	---	---	6.8	4.7	5.7	5.4	3.8	4.9	6.5	5.1	5.9
16	---	---	---	6.7	4.8	5.7	5.2	3.4	4.5	6.6	4.9	6.0
17	---	---	---	6.5	4.6	5.8	5.3	3.7	4.6	6.9	4.8	6.0
18	6.0	3.8	5.0	6.5	4.9	5.9	5.8	4.2	5.0	7.0	5.3	6.3
19	6.5	4.3	5.4	6.4	4.6	5.8	6.0	4.3	5.2	6.9	5.5	6.4
20	6.5	4.8	5.6	6.5	4.5	5.6	5.7	4.6	5.2	6.9	5.7	6.5
21	6.6	4.8	5.7	6.9	4.5	5.7	5.5	4.1	5.0	7.2	5.8	6.7
22	6.9	4.9	6.2	7.7	5.0	6.4	5.6	4.1	4.9	8.1	5.9	7.3
23	7.2	5.2	6.3	7.7	5.1	6.6	5.3	4.0	4.7	8.3	6.9	7.6
24	7.3	5.6	6.5	7.0	4.4	5.8	---	---	---	8.0	6.8	7.5
25	7.1	5.5	6.4	6.3	4.1	5.4	---	---	---	8.0	6.6	7.4
26	7.2	5.5	6.3	6.8	3.9	5.4	7.0	4.7	6.0	7.5	6.3	7.1
27	6.8	5.4	6.2	7.2	4.6	5.9	6.8	4.6	5.9	7.4	5.5	6.8
28	6.5	5.2	6.0	7.7	4.2	6.2	6.5	3.6	5.2	7.2	6.2	6.7
29	6.3	5.1	5.9	7.8	5.4	6.7	5.7	3.3	4.7	7.2	5.9	6.7
30	6.6	5.4	6.0	7.5	4.7	6.4	6.1	3.6	5.1	7.7	6.1	7.0
31	---	---	---	---	---	---	6.5	4.1	5.5	---	---	---
MONTH	7.8	3.8	6.1	7.8	3.9	5.9	7.0	3.3	5.4	8.3	4.5	6.6
YEAR	11.5	3.3	7.6									

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50'', long 83°18'22'', Oconee County, SC-Rabon County, GA, Hydrologic Unit 03060102, on left bank, 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from confluence with Tallulah River. Water-quality sampling site at gaging station (see Water Resources Data for Georgia).

DRAINAGE AREA.--207 mi^2.

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.--Water-stage recorder. Datum of gage is 1,165.6 ft above sea level. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Periods of monthly discharge only are not included in statistics computations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	217	151	203	334	2090	698	2510	568	335	419	256	171
2	173	151	201	339	1900	619	1460	496	341	397	252	168
3	157	197	196	1050	1310	668	1080	467	466	403	242	164
4	185	207	195	689	1070	707	929	450	378	392	233	160
5	727	174	191	527	917	625	830	465	342	356	228	156
6	497	165	191	464	833	610	773	1110	332	430	223	153
7	692	159	190	450	778	586	723	1210	318	470	217	147
8	1740	159	197	448	726	553	689	1230	311	422	209	145
9	584	164	269	485	667	580	674	888	304	539	215	143
10	378	182	235	477	771	576	635	727	301	410	215	142
11	303	939	204	422	697	575	604	646	370	426	206	137
12	263	455	201	397	652	550	571	601	326	641	198	131
13	238	310	414	379	602	532	554	576	301	685	192	129
14	222	282	468	387	571	647	545	578	284	563	208	129
15	207	475	330	613	554	855	566	562	356	499	204	129
16	197	450	292	520	538	691	585	522	650	451	189	125
17	193	637	267	458	648	624	523	498	686	418	183	115
18	188	454	247	618	1260	586	506	484	421	407	177	114
19	186	367	252	598	981	558	494	481	353	413	169	117
20	184	327	324	509	976	535	503	456	326	390	174	120
21	178	298	291	470	821	610	492	440	316	365	184	134
22	170	270	291	444	733	602	474	428	306	360	173	171
23	163	256	300	771	681	541	461	421	300	481	179	140
24	163	258	820	2080	650	522	452	408	375	362	466	128
25	163	244	866	1110	620	516	449	389	774	341	368	125
26	163	232	580	846	596	599	451	392	559	324	303	123
27	160	223	476	723	575	662	476	396	540	304	219	136
28	157	215	425	654	805	580	534	372	580	294	201	585
29	155	210	429	599	---	561	504	360	522	281	192	548
30	153	207	391	638	---	542	573	350	497	276	186	306
31	152	---	353	718	---	564	---	341	---	264	177	---
TOTAL	9308	8818	10289	19217	24022	18674	20620	17312	12270	12783	6838	5191
MEAN	300	294	332	620	858	602	687	558	409	412	221	173
MAX	1740	939	866	2080	2090	855	2510	1230	774	685	466	585
MIN	152	151	190	334	538	516	449	341	284	264	169	114
CFSM	1.45	1.42	1.60	2.99	4.14	2.91	3.32	2.70	1.98	1.99	1.07	.84
IN.	1.67	1.58	1.85	3.45	4.32	3.36	3.71	3.11	2.21	2.30	1.23	.93

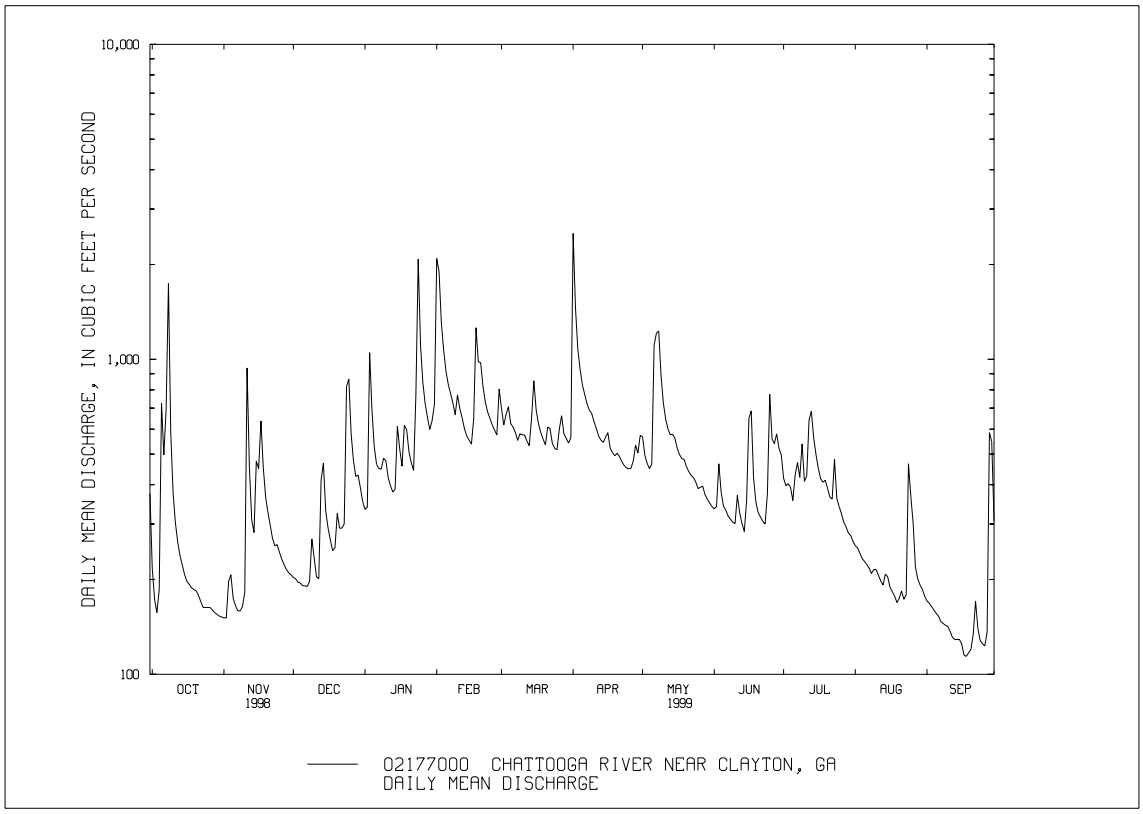
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1999, BY WATER YEAR (WY)

MEAN	442	506	654	786	885	959	904	730	605	512	489	431
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	284	210	180	172	118
(WY)	1955	1955	1956	1956	1941	1988	1986	1941	1988	1986	1986	1954

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1940 - 1999	
ANNUAL TOTAL	266303		165342			
ANNUAL MEAN	730		453		657	
HIGHEST ANNUAL MEAN					1098	1949
LOWEST ANNUAL MEAN					337	1981
HIGHEST DAILY MEAN	6920	Jan 8	2510	Apr 1	14800	Aug 30 1940
LOWEST DAILY MEAN	129 ***	Sep 19	114	Sep 18	88	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	132	Sep 14	121	Sep 14	90	Oct 7 1954
INSTANTANEOUS PEAK FLOW			3760	Apr 1	* 29000	Aug 30 1940
INSTANTANEOUS PEAK STAGE			4.19	Apr 1	13.80	Aug 30 1940
INSTANTANEOUS LOW FLOW			112 **	Sep 17	88	Oct 8 1954
ANNUAL RUNOFF (CFSM)	3.52		2.19		3.18	
ANNUAL RUNOFF (INCHES)	47.86		29.71		43.15	
10 PERCENT EXCEEDS	1490		727		1170	
50 PERCENT EXCEEDS	475		414		534	
90 PERCENT EXCEEDS	167		163		232	

* From rating curve extended above 4,700 ft^3/s on basis of slope-area measurements at gage-heights 9.9 ft and 13.2 ft.
** Also occurred Sep. 18.
*** Also occurred Sep. 20.



02185145 LAKE KEOWEE NEAR SIX MILE, SC

LOCATION.--Lat 34°47'59'', long 82°53'06'', Pickens County, Hydrologic Unit 03060101, on right wingwall of Lake Keowee Spillway, approximately 100 ft. from spillway.

DRAINAGE AREA.--439 mi^2.

PERIOD OF RECORD.--October 1988 to current year. Prior to the 1995 water year station published as 02185300.

GAGE.--Data collection platform. Datum of gage is sea level (based on Duke Energy Corporation benchmark).

REMARKS.--Lake is formed by earth dikes and dam. Generation began in 1971. Usable capacity, 17,060,000,000 ft^3 between elevations 775.0 ft (normal limit of drawdown) and 800.0 ft (maximum normal elevation). Dead storage below 775.0 ft, 22,600,000,000 ft^3. Lake is used for generation of power and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 800.16 ft, Apr. 26, 1994; minimum gage height, 793.60 ft, Nov. 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 799.98 ft, Nov. 19, minimum gage height, 794.85 ft, Jan. 15.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	798.80	798.08	798.18	798.20	797.96	798.90	799.54	798.46	798.74	798.38	798.28	795.60
2	798.38	798.42	798.26	798.79	797.62	798.87	799.00	797.68	799.16	798.29	798.55	796.03
3	798.23	798.62	798.51	798.51	797.61	799.00	798.72	798.37	799.27	798.09	797.89	796.28
4	797.76	799.43	798.65	798.60	797.64	799.01	798.36	798.67	799.25	797.71	797.80	796.33
5	798.12	799.49	798.38	798.79	797.87	799.02	798.69	798.45	799.09	797.70	798.24	796.33
6	797.97	799.14	797.55	798.07	797.70	798.84	798.39	798.73	798.56	798.08	798.68	796.23
7	798.92	798.79	798.00	798.07	797.45	798.38	798.46	799.03	798.59	797.75	798.61	796.23
8	799.36	798.18	797.94	798.28	797.30	798.66	798.81	798.93	798.17	798.07	798.21	796.18
9	799.13	798.78	797.75	798.18	797.78	799.02	799.08	798.55	798.29	798.53	798.50	796.47
10	798.85	799.06	798.07	798.04	798.14	798.70	799.42	799.07	798.34	798.57	798.18	796.30
11	798.66	798.99	798.54	797.56	798.43	798.53	798.69	799.13	798.16	797.78	798.11	796.43
12	798.84	799.46	798.29	796.77	798.22	798.40	798.72	799.09	798.24	797.29	798.44	796.26
13	799.21	799.40	798.24	796.05	798.28	798.52	799.00	799.28	798.34	797.25	798.63	795.95
14	798.93	799.50	798.91	795.52	797.85	798.18	799.40	798.89	798.15	797.48	797.93	795.77
15	799.42	799.38	799.50	795.75	797.96	798.42	799.44	798.79	797.82	798.33	798.06	795.74
16	799.44	799.49	799.03	796.44	798.09	798.59	799.12	798.71	797.70	798.32	798.10	795.68
17	798.91	799.47	799.37	796.73	798.33	798.63	798.89	799.12	797.81	797.83	798.11	795.74
18	798.65	799.68	799.14	798.03	798.17	798.60	798.27	799.23	797.82	797.75	797.88	795.91
19	799.34	799.92	798.97	798.25	798.54	798.45	798.80	799.21	797.30	797.77	797.81	795.81
20	799.29	799.72	798.63	798.65	798.26	798.26	799.46	799.58	796.75	797.97	797.63	795.82
21	799.22	799.53	798.32	798.14	798.11	797.75	799.03	799.12	796.57	798.56	797.56	795.84
22	799.11	798.46	798.26	798.03	798.26	798.02	799.30	798.85	796.26	798.72	797.39	795.79
23	799.48	798.48	798.51	798.14	798.76	798.13	799.48	799.14	796.70	798.57	797.11	795.75
24	799.24	798.18	798.40	797.95	799.16	798.40	799.06	799.32	797.54	798.15	796.73	795.73
25	798.68	799.19	798.45	798.45	799.12	798.60	798.24	799.02	798.37	798.03	796.93	795.65
26	799.04	798.19	798.84	798.12	798.95	799.11	798.77	798.47	798.47	798.91	796.73	795.43
27	798.90	797.89	798.78	797.88	798.73	798.66	799.07	798.68	798.45	799.13	796.63	795.66
28	798.83	797.72	798.17	797.79	798.48	798.34	799.21	799.39	798.56	799.08	796.40	795.95
29	798.84	797.56	798.13	797.59	---	798.72	799.21	799.03	798.79	799.45	796.25	796.20
30	799.01	798.14	798.07	797.39	---	798.91	799.13	798.73	798.71	799.25	795.90	796.07
31	798.48	---	798.16	796.72	---	799.47	---	798.46	---	799.15	795.66	---
MAX	799.48	799.92	799.50	798.79	799.16	799.47	799.54	799.58	799.27	799.45	798.68	796.47
MIN	797.76	797.56	797.55	795.52	797.30	797.75	798.24	797.68	796.26	797.25	795.66	795.43
(+)	15.88	15.62	15.63	14.51	15.88	16.65	16.38	15.86	16.06	16.40	13.69	14.01
(*)	-70.9	-100	+3.73	-418	+566	+287	-104	-194	+77.2	+127	-1012	+123

CAL YR 1998 * -10.1 MAX 799.99 MIN 796.22
WTR YR 1999 * -65.3 MAX 799.92 MIN 795.43

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11'', long 82°58'48'', Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on County Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi^2.

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Data collection platform. Datum of gage is 807.63 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	67	77	105	892	148	735	123	77	111	52	36
2	85	68	77	121	500	140	346	112	77	102	51	34
3	77	85	77	337	290	143	250	107	77	101	49	34
4	98	75	76	185	230	134	210	103	73	91	47	32
5	99	72	77	149	197	130	187	113	72	85	46	30
6	149	71	77	133	180	130	172	188	71	86	44	30
7	345	69	76	127	168	127	163	200	67	90	42	28
8	663	69	78	130	156	124	158	195	67	85	40	27
9	213	73	91	131	147	133	157	154	67	82	40	26
10	152	76	80	121	180	134	147	134	78	75	40	27
11	126	143	78	116	164	130	141	123	93	79	37	26
12	110	97	78	112	156	126	132	117	74	111	35	23
13	100	86	e210	110	145	123	129	113	68	105	33	23
14	93	90	162	115	136	152	128	113	65	92	41	23
15	87	137	132	166	131	161	133	109	75	85	37	22
16	84	123	124	137	127	144	130	104	170	80	36	19
17	82	146	115	126	141	137	121	101	149	75	34	16
18	81	115	109	143	250	133	119	98	101	73	34	17
19	79	104	113	134	236	128	118	96	85	71	32	18
20	78	97	110	125	231	125	120	93	77	87	31	18
21	76	90	100	119	194	151	116	92	74	92	37	20
22	74	85	101	115	172	142	114	91	72	77	33	33
23	71	84	105	199	160	132	110	89	71	75	32	25
24	72	84	301	396	154	128	107	86	128	68	82	22
25	71	81	245	228	149	127	107	82	328	67	66	23
26	71	80	173	181	145	145	107	87	154	63	53	21
27	69	77	143	159	143	155	122	89	144	64	47	30
28	69	76	130	146	166	141	129	82	153	64	43	181
29	68	75	130	137	---	136	120	80	263	59	41	107
30	69	75	118	155	---	130	139	78	135	57	40	67
31	68	---	109	173	---	144	---	77	---	54	37	---
TOTAL	3691	2670	3672	4831	5940	4233	4967	3429	3205	2506	1312	1038
MEAN	119	89.0	118	156	212	137	166	111	107	80.8	42.3	34.6
MAX	663	146	301	396	892	161	735	200	328	111	82	181
MIN	68	67	76	105	127	123	107	77	65	54	31	16
CFSM	1.65	1.24	1.65	2.16	2.95	1.90	2.30	1.54	1.48	1.12	.59	.48
IN.	1.91	1.38	1.90	2.50	3.07	2.19	2.57	1.77	1.66	1.29	.68	.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1999, BY WATER YEAR (WY)

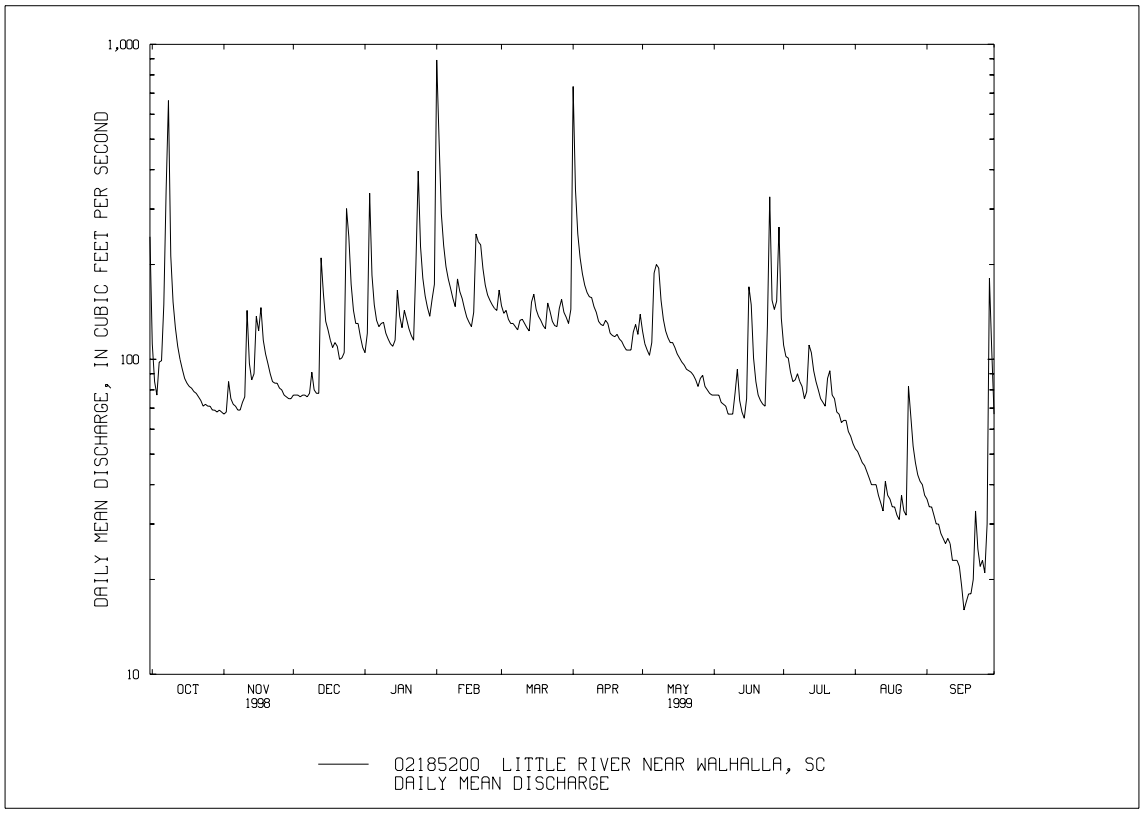
MEAN	130	155	192	234	230	252	229	198	170	124	141	115
MAX	302	412	368	420	439	477	416	463	577	350	432	286
(WY)	1990	1980	1968	1998	1998	1980	1980	1973	1967	1989	1994	1977
MIN	49.0	47.4	77.4	87.8	86.5	91.9	78.3	63.9	40.5	22.5	31.9	28.5
(WY)	1982	1982	1989	1981	1989	1981	1986	1986	1988	1986	1986	1970

02185200 LITTLE RIVER NEAR WALHALLA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1967 - 1999	
ANNUAL TOTAL	79137		41494			
ANNUAL MEAN	217		114		179	
HIGHEST ANNUAL MEAN					255	1980
LOWEST ANNUAL MEAN					85.2	1986
HIGHEST DAILY MEAN	2080	Jan 8	892	Feb 1	10000	Jun 4 1967
LOWEST DAILY MEAN	53	* Sep 14	16	Sep 17	12	Aug 3 1986
ANNUAL SEVEN-DAY MINIMUM	53	Sep 14	19	Sep 15	15	Jul 31 1986
INSTANTANEOUS PEAK FLOW			1530	Feb 1	12800	Jun 4 1967
INSTANTANEOUS PEAK STAGE			3.91	Feb 1	12.29	Jun 4 1967
INSTANTANEOUS LOW FLOW			16	** Sep 17	12	Aug 3 1986
ANNUAL RUNOFF (CFSM)	3.01		1.58		2.49	
ANNUAL RUNOFF (INCHES)	40.89		21.44		33.86	
10 PERCENT EXCEEDS	390		172		300	
50 PERCENT EXCEEDS	149		101		143	
90 PERCENT EXCEEDS	69		37		67	

* Also occurred Sep. 15-20.
** Also occurred Sep. 18.

e Estimated



02186000 TWELVE MILE CREEK NEAR LIBERTY, SC

LOCATION.--Lat 34°48'05'', long 82°44'55'', Pickens County, Hydrologic Unit 03060101, on left bank, 40 ft downstream from bridge on State Road 137, 0.8 mi downstream from Rices Creek, and 3.4 mi west of Liberty.

DRAINAGE AREA.--106 mi^2.

PERIOD OF RECORD.--May 1967 to July 1968 (discharge measurements only), July 1954 to September 1964, May 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 822.18 ft above sea level (levels by Natural Resources Conservation Service).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	79	84	113	626	138	857	144	70	72	40	33
2	82	79	83	115	764	128	480	112	69	70	40	33
3	76	105	83	576	356	133	270	103	96	80	38	32
4	125	96	83	323	255	132	213	100	85	76	37	32
5	106	86	83	201	207	123	183	107	82	87	36	32
6	89	82	83	163	184	124	168	172	75	86	36	31
7	179	81	83	147	173	124	159	205	70	72	35	31
8	811	81	83	145	164	117	150	180	67	69	34	31
9	204	87	96	147	153	126	145	135	64	64	34	31
10	129	91	86	137	159	131	138	117	71	61	34	32
11	110	130	83	125	146	124	132	107	99	62	33	31
12	102	107	83	120	139	118	127	108	78	82	33	30
13	97	93	153	116	132	116	119	107	70	93	32	29
14	93	94	154	121	128	144	119	103	64	74	32	29
15	89	162	110	155	126	145	124	97	68	67	32	30
16	87	132	104	135	124	126	126	95	158	63	31	29
17	85	148	97	125	130	121	116	92	222	60	32	28
18	86	118	90	173	257	117	112	90	108	60	32	28
19	84	105	92	168	274	114	111	90	85	59	31	29
20	85	100	115	144	318	111	112	86	78	57	30	29
21	83	97	104	133	215	133	109	84	73	56	32	30
22	81	91	102	127	179	142	106	83	71	55	31	36
23	80	90	104	326	163	122	102	82	71	60	31	32
24	81	91	441	645	153	117	102	79	74	53	51	32
25	82	89	404	311	145	116	100	75	308	52	54	31
26	81	89	223	216	141	135	102	79	157	49	42	31
27	81	86	167	180	136	157	114	85	107	47	39	38
28	80	85	144	164	151	133	134	78	94	46	37	59
29	79	85	155	150	---	126	114	75	84	45	36	51
30	80	84	132	159	---	123	162	73	78	44	35	43
31	80	---	120	172	---	128	---	71	---	43	34	---
TOTAL	3710	2943	4024	6032	6098	3944	5106	3214	2896	1964	1104	993
MEAN	120	98.1	130	195	218	127	170	104	96.5	63.4	35.6	33.1
MAX	811	162	441	645	764	157	857	205	308	93	54	59
MIN	76	79	83	113	124	111	100	71	64	43	30	28
CFSM	1.13	.93	1.22	1.84	2.05	1.20	1.61	.98	.91	.60	.34	.31
IN.	1.30	1.03	1.41	2.12	2.14	1.38	1.79	1.13	1.02	.69	.39	.35

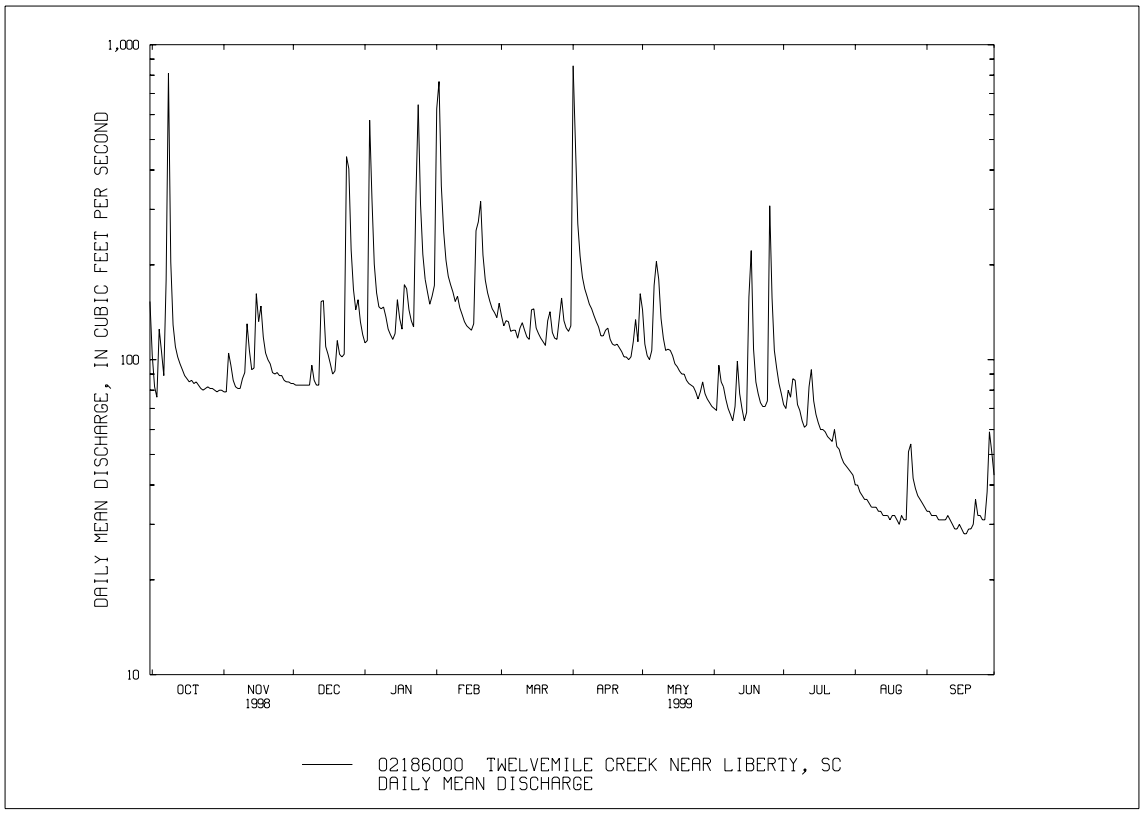
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 1999, BY WATER YEAR (WY)

MEAN	141	151	191	253	300	311	296	205	167	144	158	114
MAX	293	415	555	564	467	570	578	331	344	292	444	224
(WY)	1990	1993	1962	1993	1961	1963	1964	1958	1961	1989	1994	1992
MIN	38.0	66.3	54.3	55.0	165	113	170	104	81.7	63.4	35.6	33.1
(WY)	1955	1956	1956	1956	1991	1955	1999	1999	1956	1999	1999	1999

02186000 TWELVE MILE CREEK NEAR LIBERTY, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1954 - 1999	
ANNUAL TOTAL	86849		42028			
ANNUAL MEAN	238		115		202	
HIGHEST ANNUAL MEAN					297	1993
LOWEST ANNUAL MEAN					112	1955
HIGHEST DAILY MEAN	5120	Jan 8	857	Apr 1	5120	Jan 8 1998
LOWEST DAILY MEAN	61	* Sep 18	28	** Sep 17	28	** Sep 17 1999
ANNUAL SEVEN-DAY MINIMUM	62	Sep 14	29	Sep 13	29	Sep 13 1999
INSTANTANEOUS PEAK FLOW			1420	Apr 1	6730	Jan 8 1998
INSTANTANEOUS PEAK STAGE			5.68	Apr 1	13.46	Jan 8 1998
INSTANTANEOUS LOW FLOW			27	*** Sep 16	27	*** Sep 16 1999
ANNUAL RUNOFF (CFSM)	2.24		1.09		1.91	
ANNUAL RUNOFF (INCHES)	30.48		14.75		25.94	
10 PERCENT EXCEEDS	414		172		330	
50 PERCENT EXCEEDS	154		95		145	
90 PERCENT EXCEEDS	80		33		75	

* Also occurred on Sep. 19, 20.
** Also occurred Sep. 18, 1999.
*** Also occurred on Sep. 17, 18, 1999.



02186090 GOLDEN CREEK NEAR EASLEY, SC

LOCATION.--Lat 34°49'48'', long 82°38'07'', Pickens County, Hydrologic Unit 03060101, on downstream side of bridge on County Road 106, 4.3 mi northeast of Liberty, and 2 mi east of Easley.

DRAINAGE AREA.--1.61 mi^2.

PERIOD OF RECORD.--May 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 960 ft above sea level (from topographic map).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	3.0	1.8	1.5	.97
2	---	---	---	---	---	---	---	---	3.3	1.7	1.3	.97
3	---	---	---	---	---	---	---	---	3.0	1.6	1.3	1.6
4	---	---	---	---	---	---	---	---	3.0	2.4	1.2	1.6
5	---	---	---	---	---	---	---	---	3.3	2.3	1.1	1.5
6	---	---	---	---	---	---	---	---	2.9	2.3	1.1	1.6
7	---	---	---	---	---	---	---	---	2.8	2.0	1.1	1.4
8	---	---	---	---	---	---	---	---	2.7	1.9	2.0	1.5
9	---	---	---	---	---	---	---	---	2.9	1.8	2.0	1.3
10	---	---	---	---	---	---	---	---	3.1	1.7	1.7	1.0
11	---	---	---	---	---	---	---	---	2.8	1.6	1.8	1.1
12	---	---	---	---	---	---	---	---	2.7	1.7	1.7	1.7
13	---	---	---	---	---	---	---	---	2.7	1.6	1.5	2.0
14	---	---	---	---	---	---	---	---	2.7	1.4	1.8	1.9
15	---	---	---	---	---	---	---	---	2.8	1.4	2.3	1.9
16	---	---	---	---	---	---	---	---	2.8	1.5	2.3	1.8
17	---	---	---	---	---	---	---	---	3.0	1.5	1.8	1.9
18	---	---	---	---	---	---	---	1.2	2.6	1.5	1.6	1.9
19	---	---	---	---	---	---	---	1.2	4.5	1.5	1.5	2.0
20	---	---	---	---	---	---	---	1.2	2.4	1.4	1.4	1.9
21	---	---	---	---	---	---	---	1.2	2.2	1.5	1.4	2.4
22	---	---	---	---	---	---	---	1.6	2.3	1.7	1.4	2.0
23	---	---	---	---	---	---	---	2.0	2.2	2.2	1.3	1.8
24	---	---	---	---	---	---	---	2.0	2.9	2.3	1.3	1.9
25	---	---	---	---	---	---	---	2.1	2.4	2.9	1.5	1.3
26	---	---	---	---	---	---	---	2.2	2.1	2.4	1.3	1.9
27	---	---	---	---	---	---	---	2.6	2.1	2.1	1.2	1.9
28	---	---	---	---	---	---	---	2.8	1.9	1.9	.95	1.6
29	---	---	---	---	---	---	---	2.8	1.8	1.7	.97	1.7
30	---	---	---	---	---	---	---	2.8	1.7	1.5	1.0	1.8
31	---	---	---	---	---	---	---	2.8	---	1.7	.99	---
TOTAL	---	---	---	---	---	---	---	---	80.6	56.5	45.31	49.84
MEAN	---	---	---	---	---	---	---	---	2.69	1.82	1.46	1.66
MAX	---	---	---	---	---	---	---	---	4.5	2.9	2.3	2.4
MIN	---	---	---	---	---	---	---	---	1.7	1.4	.95	.97
CFSM	---	---	---	---	---	---	---	---	1.67	1.13	.91	1.03
IN.	---	---	---	---	---	---	---	---	1.86	1.31	1.05	1.15

02186090 GOLDEN CREEK NEAR EASLEY, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	2.5	1.2	2.4	14	3.0	e6.4	1.5	.78	2.1	1.3	1.3
2	2.0	2.6	1.2	6.7	4.8	2.7	1.8	1.5	1.2	2.1	1.4	1.2
3	1.9	2.6	1.2	5.8	3.7	3.0	1.5	1.4	1.3	1.9	1.3	1.3
4	3.5	2.4	1.2	2.9	3.4	2.7	1.4	1.6	1.1	1.6	1.3	1.1
5	2.4	2.1	1.3	2.9	2.9	2.6	1.3	1.7	.91	1.6	1.2	1.4
6	2.7	2.0	1.3	2.8	2.7	2.5	1.3	1.9	.81	1.9	1.2	1.4
7	e3.7	2.1	1.3	2.8	2.7	2.6	1.3	3.0	.99	2.0	1.2	1.5
8	4.8	2.4	1.5	2.9	2.8	2.4	1.4	1.4	1.3	1.8	1.2	1.4
9	2.9	3.0	1.3	3.2	2.5	2.3	1.5	1.3	1.2	1.4	1.2	1.5
10	2.7	3.1	1.3	2.3	2.5	2.0	1.7	1.4	1.4	1.3	1.2	1.3
11	2.5	3.2	1.3	2.5	2.7	1.8	1.8	1.5	1.1	1.6	1.1	1.2
12	2.1	3.0	1.6	2.7	2.8	1.7	1.7	1.4	1.2	1.8	1.1	1.2
13	2.2	3.1	3.5	2.7	2.7	1.7	1.6	1.3	1.3	1.2	1.1	1.4
14	2.0	3.6	.97	3.0	2.7	2.0	1.6	1.2	1.4	1.2	e.49	1.6
15	2.0	3.1	1.1	3.3	2.8	1.8	1.5	1.1	1.5	1.1	1.0	1.7
16	2.8	3.5	1.3	2.7	2.9	1.9	e1.1	1.1	2.9	.97	.97	1.9
17	2.9	2.8	1.5	3.5	3.1	1.9	e1.0	1.1	1.4	.87	.84	2.0
18	3.1	2.7	1.7	4.1	3.2	1.9	e1.0	1.1	1.5	1.7	e.61	2.0
19	3.3	2.5	3.3	4.0	5.4	1.7	e.95	1.3	1.8	1.7	1.1	2.1
20	3.2	2.5	2.1	4.2	3.3	1.7	1.0	1.2	2.2	1.5	1.1	2.2
21	3.2	2.4	3.0	4.4	3.1	2.3	1.2	1.2	2.0	1.4	1.0	3.0
22	3.3	2.3	2.7	4.4	3.0	1.4	.95	1.3	2.0	1.3	.87	2.1
23	3.5	2.2	5.8	e14	2.9	1.4	.98	1.3	2.5	1.7	.84	2.0
24	3.6	2.0	15	5.9	2.8	1.4	1.2	1.4	2.6	1.6	1.7	2.2
25	3.5	1.9	2.2	3.9	3.1	1.4	1.2	1.3	3.2	1.6	.98	2.3
26	3.4	1.7	1.9	3.2	3.3	1.6	1.3	1.4	2.1	1.5	.82	2.3
27	3.3	1.6	1.8	3.1	3.2	1.4	2.7	1.1	2.0	1.4	1.0	6.8
28	2.5	1.5	2.0	2.9	3.2	1.4	1.6	1.1	2.2	1.4	1.3	1.9
29	2.6	1.4	1.9	2.8	---	1.5	2.0	.97	2.1	1.2	1.1	1.5
30	2.6	1.3	2.1	3.1	---	1.5	2.0	.91	2.1	1.2	1.1	1.2
31	2.6	---	2.3	3.0	---	1.9	---	.86	---	1.2	1.2	---
TOTAL	88.6	73.1	71.87	118.1	98.2	61.1	47.98	41.84	50.09	46.84	33.82	56.0
MEAN	2.86	2.44	2.32	3.81	3.51	1.97	1.60	1.35	1.67	1.51	1.09	1.87
MAX	4.8	3.6	15	14	14	3.0	6.4	3.0	3.2	2.1	1.7	6.8
MIN	1.8	1.3	.97	2.3	2.5	1.4	.95	.86	.78	.87	.49	1.1
CFSM	1.78	1.51	1.44	2.37	2.18	1.22	.99	.84	1.04	.94	.68	1.16
IN.	2.05	1.69	1.66	2.73	2.27	1.41	1.11	.97	1.16	1.08	.78	1.29

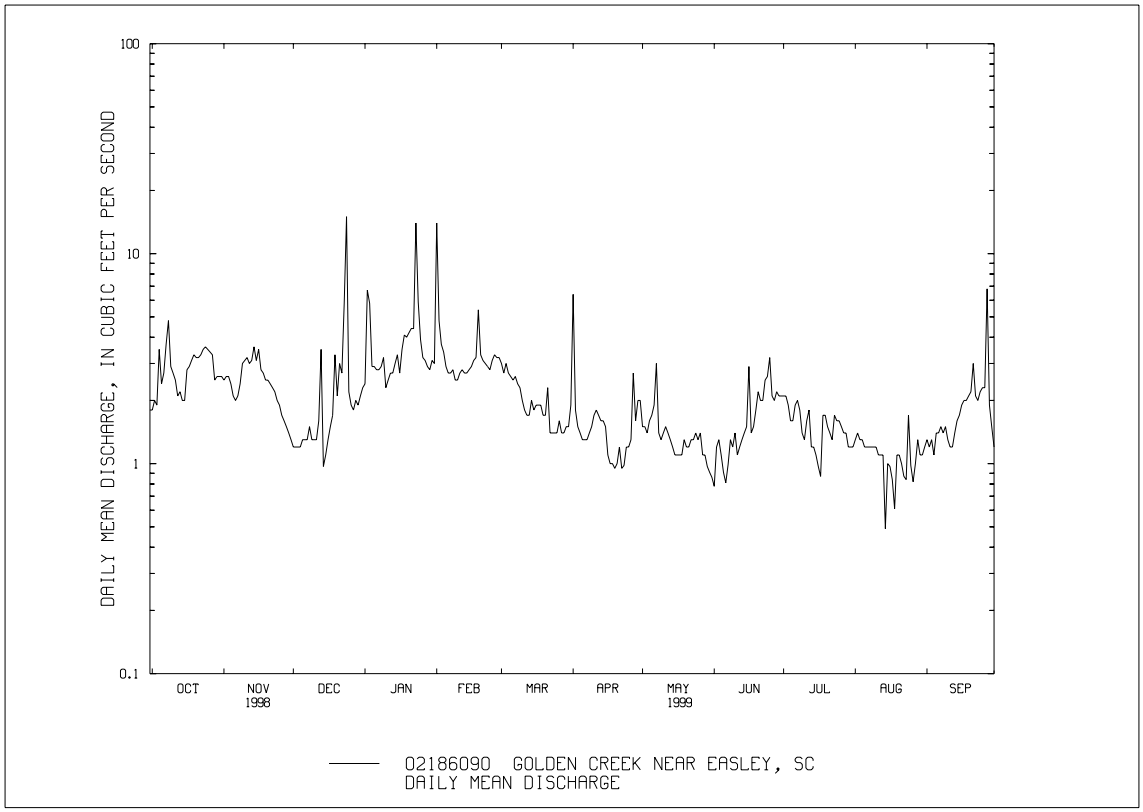
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	2.86	2.44	2.32	3.81	3.51	1.97	1.60	1.35	2.18	1.67	1.28	1.76
MAX	2.86	2.44	2.32	3.81	3.51	1.97	1.60	1.35	2.69	1.82	1.46	1.87
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1998	1998	1998	1999
MIN	2.86	2.44	2.32	3.81	3.51	1.97	1.60	1.35	1.67	1.51	1.09	1.66
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1998

02186090 GOLDEN CREEK NEAR EASLEY, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL TOTAL	787.54			
ANNUAL MEAN	2.16		2.16	
HIGHEST ANNUAL MEAN			2.16	1999
LOWEST ANNUAL MEAN			2.16	1999
HIGHEST DAILY MEAN	15	Dec 24	15	Dec 24 1998
LOWEST DAILY MEAN	.49	Aug 14	.49	Aug 14 1999
ANNUAL SEVEN-DAY MINIMUM	.87	Aug 12	.87	Aug 12 1999
INSTANTANEOUS PEAK FLOW	Unknown	Jan 23	Unknown	Jan 23 1999
INSTANTANEOUS PEAK STAGE	4.62	Jan 23	4.62	Jan 23 1999
ANNUAL RUNOFF (CFSM)	1.34		1.34	
ANNUAL RUNOFF (INCHES)	18.20		18.21	
10 PERCENT EXCEEDS	3.3		3.1	
50 PERCENT EXCEEDS	1.8		1.8	
90 PERCENT EXCEEDS	1.1		1.1	

e Estimated



02186645 CONEROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi^2.

PERIOD OF RECORD.--April 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 740 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	58	61	86	850	91	425	87	46	54	30	29
2	72	60	61	96	458	87	265	76	47	51	28	28
3	68	76	60	425	297	89	175	71	45	50	27	27
4	316	66	59	184	249	86	138	69	44	47	27	27
5	128	63	59	132	176	85	119	74	43	44	26	26
6	100	61	59	112	142	84	110	113	42	48	25	25
7	329	60	59	105	129	82	106	126	40	52	24	24
8	866	59	59	99	119	80	116	111	39	94	23	24
9	272	66	59	101	112	88	118	91	38	54	23	23
10	158	66	58	92	128	89	99	81	37	55	23	24
11	119	95	58	87	114	82	92	75	45	60	23	22
12	101	76	57	84	105	79	87	72	42	97	22	21
13	91	68	105	82	98	78	82	74	40	86	22	20
14	84	70	87	83	93	106	80	73	37	65	21	21
15	78	125	74	110	91	98	83	67	42	58	21	21
16	74	121	70	91	89	88	80	64	96	52	20	18
17	72	112	65	85	91	87	76	64	88	49	20	18
18	70	89	62	100	160	84	74	62	61	46	19	18
19	69	80	66	91	236	80	73	66	50	44	19	19
20	69	75	76	88	195	78	74	60	45	43	19	19
21	66	72	70	83	141	89	72	57	44	43	25	20
22	65	69	78	82	119	86	69	55	42	41	22	29
23	63	67	87	191	112	80	69	55	43	41	21	24
24	62	67	376	253	104	78	67	54	54	38	123	23
25	62	66	255	167	99	79	67	52	208	37	54	22
26	61	64	161	132	94	104	70	51	106	35	46	21
27	60	62	124	112	92	105	77	54	90	38	46	30
28	60	62	114	101	99	91	88	50	76	44	38	55
29	60	61	118	93	---	88	83	49	65	36	35	74
30	59	61	100	108	---	84	103	47	59	33	32	51
31	59	---	90	138	---	97	---	46	---	31	30	---
TOTAL	3903	2197	2887	3793	4792	2702	3237	2146	1754	1566	934	803
MEAN	126	73.2	93.1	122	171	87.2	108	69.2	58.5	50.5	30.1	26.8
MAX	866	125	376	425	850	106	425	126	208	97	123	74
MIN	59	58	57	82	89	78	67	46	37	31	19	18
CFSM	1.93	1.12	1.42	1.87	2.62	1.33	1.65	1.06	.89	.77	.46	.41
IN.	2.22	1.25	1.64	2.16	2.73	1.54	1.84	1.22	1.00	.89	.53	.46

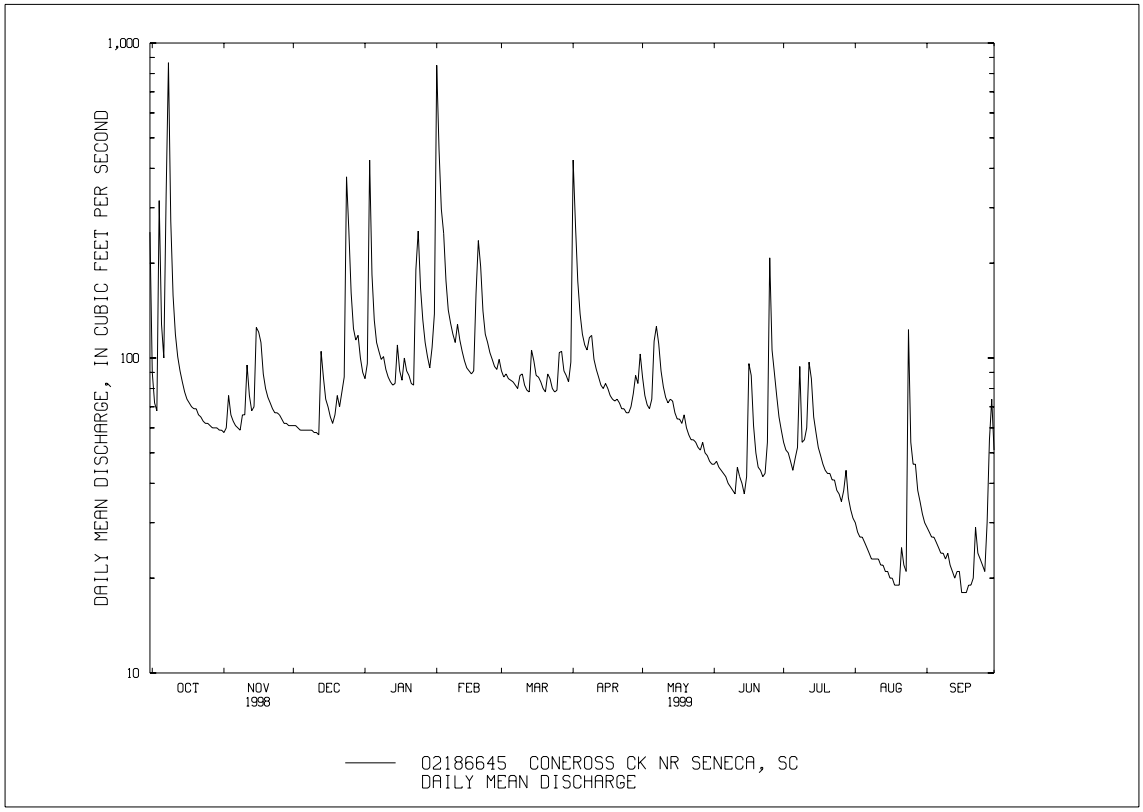
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1999, BY WATER YEAR (WY)

MEAN	126	108	117	178	199	197	141	116	103	86.2	116	77.0
MAX	254	281	259	349	371	323	248	199	152	255	290	127
(WY)	1996	1993	1993	1993	1998	1990	1998	1998	1989	1989	1994	1992
MIN	46.8	64.4	78.2	92.7	102	87.2	65.9	61.3	58.3	50.5	30.1	26.8
(WY)	1994	1991	1991	1992	1991	1999	1989	1989	1990	1999	1999	1999

02186645 CONEROSS CREEK NEAR SENECA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1989 - 1999	
ANNUAL TOTAL	57581		30714			
ANNUAL MEAN	158		84.1		130	
HIGHEST ANNUAL MEAN					180	1993
LOWEST ANNUAL MEAN					84.1	1999
HIGHEST DAILY MEAN	2120	Feb 4	866	Oct 8	2800	Mar 17 1990
LOWEST DAILY MEAN	40	Sep 18	18 **	Sep 16	18 **	Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	41	Sep 14	19	Sep 15	19	Sep 15 1999
INSTANTANEOUS PEAK FLOW			1770	Oct 8	3590	Aug 17 1994
INSTANTANEOUS PEAK STAGE			11.22	Oct 8	15.26	Aug 17 1994
INSTANTANEOUS LOW FLOW			17 *	Sep 16	17 *	Sep 16 1999
ANNUAL RUNOFF (CFSM)	2.41		1.29		1.99	
ANNUAL RUNOFF (INCHES)	32.75		17.47		26.99	
10 PERCENT EXCEEDS	314		124		223	
50 PERCENT EXCEEDS	102		70		87	
90 PERCENT EXCEEDS	58		25		49	

* Also occurred Sep. 17, 1999.
** Also occurred Sep. 17-19, 1999.



02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC

LOCATION.--Lat 34°39'32'', long 82°47'56'', Anderson County, Hydrologic Unit 03060101, on downstream side of bridge on County Road 229, 1.0 mi northwest of Pendleton, and 1.5 mi southeast of Clemson.

DRAINAGE AREA.--47.0 mi^2.

PERIOD OF RECORD.--May 1998 to September 1999.

GAGE.--Data collection platform. Elevation of gage is 700 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	51	46	41	27
2	---	---	---	---	---	---	---	---	65	45	34	26
3	---	---	---	---	---	---	---	---	59	45	33	35
4	---	---	---	---	---	---	---	---	58	56	32	49
5	---	---	---	---	---	---	---	---	95	67	31	35
6	---	---	---	---	---	---	---	---	68	50	32	33
7	---	---	---	---	---	---	---	---	56	47	32	33
8	---	---	---	---	---	---	---	---	52	46	71	31
9	---	---	---	---	---	---	---	---	56	46	44	29
10	---	---	---	---	---	---	---	---	76	45	42	29
11	---	---	---	---	---	---	---	---	84	42	38	29
12	---	---	---	---	---	---	---	---	62	43	45	28
13	---	---	---	---	---	---	---	---	57	42	42	26
14	---	---	---	---	---	---	---	---	51	41	41	26
15	---	---	---	---	---	---	---	---	51	42	51	27
16	---	---	---	---	---	---	---	---	59	41	64	27
17	---	---	---	---	---	---	---	---	52	41	43	26
18	---	---	---	---	---	---	---	---	49	40	37	26
19	---	---	---	---	---	---	---	---	68	39	36	26
20	---	---	---	---	---	---	---	---	72	38	35	27
21	---	---	---	---	---	---	---	56	57	47	33	173
22	---	---	---	---	---	---	---	55	66	42	33	68
23	---	---	---	---	---	---	---	54	56	44	31	44
24	---	---	---	---	---	---	---	49	54	54	32	32
25	---	---	---	---	---	---	---	51	59	46	30	31
26	---	---	---	---	---	---	---	50	54	49	29	31
27	---	---	---	---	---	---	---	49	52	45	28	31
28	---	---	---	---	---	---	---	56	50	45	27	32
29	---	---	---	---	---	---	---	60	49	43	27	35
30	---	---	---	---	---	---	---	55	47	40	28	49
31	---	---	---	---	---	---	---	52	---	41	28	---
MEAN	---	---	---	---	---	---	---	53.4	59.5	45.1	37.1	37.4
MAX	---	---	---	---	---	---	---	60	95	67	71	173
MIN	---	---	---	---	---	---	---	49	47	38	27	26

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

MEAN	---	---	---	---	---	---	---	---	59.5	45.1	37.1	37.4
MAX	---	---	---	---	---	---	---	---	59.5	45.1	37.1	37.4
(WY)	---	---	---	---	---	---	---	---	1998	1998	1998	1998
MIN	---	---	---	---	---	---	---	---	59.5	45.1	37.1	37.4
(WY)	---	---	---	---	---	---	---	---	1998	1998	1998	1998

SUMMARY STATISTICS	FOR 1998 WATER YEAR	
HIGHEST DAILY MEAN	173	Sep 21
LOWEST DAILY MEAN	26	Sep 2
ANNUAL SEVEN-DAY MINIMUM	26	Sep 13
INSTANTANEOUS PEAK FLOW	627	Sep 21
INSTANTANEOUS PEAK STAGE	5.19	Sep 21
10 PERCENT EXCEEDS	63	
50 PERCENT EXCEEDS	44	
90 PERCENT EXCEEDS	28	

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC--Continued
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

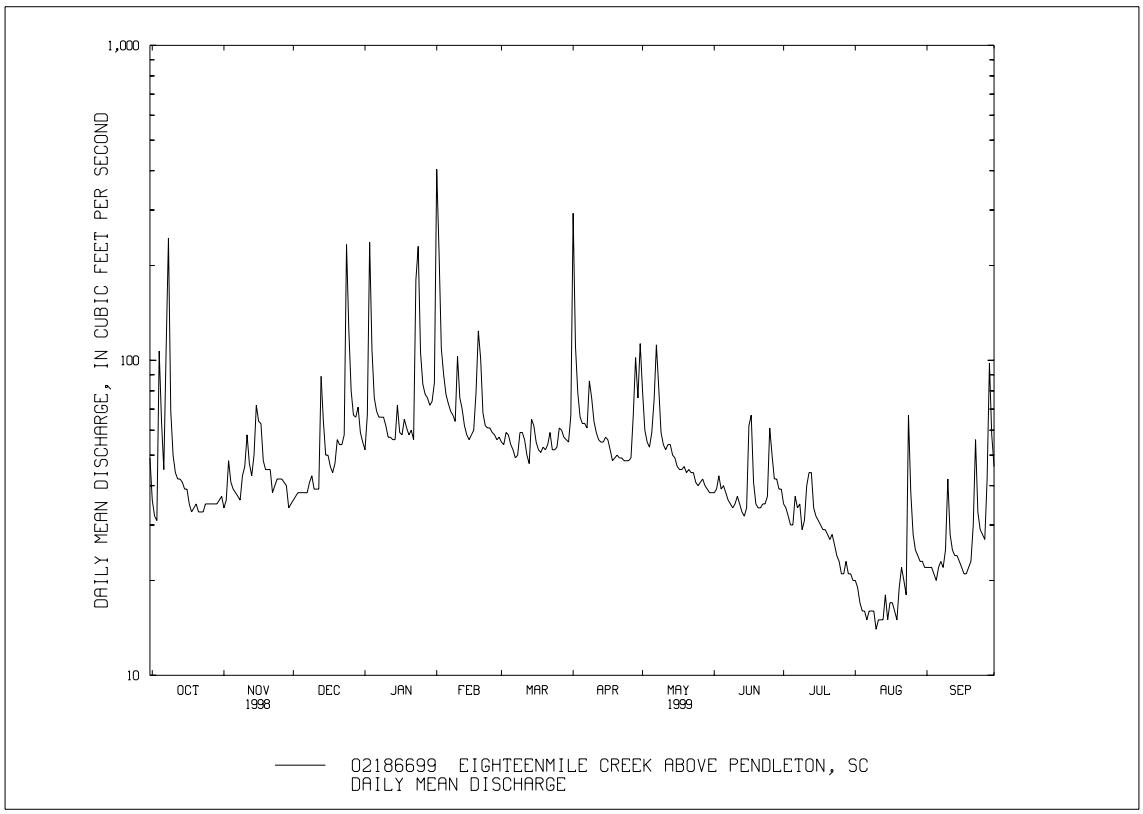
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	34	36	52	404	55	293	80	38	35	20	22
2	32	36	37	67	221	54	111	60	39	34	19	22
3	31	48	38	237	109	59	79	55	43	32	17	22
4	107	41	38	108	90	58	66	53	39	30	16	21
5	64	39	38	76	78	54	63	59	40	30	16	20
6	45	38	38	69	73	52	63	75	38	37	15	22
7	108	37	38	66	69	49	61	112	36	34	16	23
8	244	36	41	66	67	50	86	82	35	35	16	22
9	69	43	43	66	64	59	76	59	34	29	16	25
10	50	46	39	62	103	59	64	54	35	31	14	42
11	44	58	39	57	76	56	59	52	37	40	15	28
12	42	47	39	57	70	50	56	54	35	44	15	25
13	42	43	89	56	62	47	55	54	33	44	15	24
14	41	50	64	56	58	65	55	50	32	34	18	24
15	39	72	50	72	56	62	57	49	34	32	15	23
16	39	64	50	59	58	55	56	46	62	31	17	22
17	35	63	46	58	60	52	52	45	67	30	17	21
18	33	48	44	65	79	51	48	45	41	29	16	21
19	34	45	47	61	124	53	49	46	35	29	15	22
20	35	45	56	58	101	52	50	44	34	28	19	23
21	33	45	54	60	68	54	49	45	34	27	22	30
22	33	38	54	56	62	59	49	44	35	28	20	56
23	33	40	58	180	61	52	48	44	35	26	18	33
24	35	42	233	230	61	52	48	41	37	24	67	29
25	35	42	125	106	59	53	48	40	61	23	38	28
26	35	42	80	84	58	61	49	41	50	21	28	27
27	35	41	67	78	56	60	67	42	42	21	25	42
28	35	40	66	76	57	57	102	40	42	23	24	98
29	35	34	71	72	---	56	76	39	39	21	23	58
30	36	35	59	74	---	55	113	38	39	21	23	46
31	37	---	55	85	---	67	---	38	---	20	22	---
MEAN	50.1	44.4	59.1	82.9	89.4	55.4	71.6	52.5	40.0	29.8	20.5	30.7
MAX	244	72	233	237	404	67	293	112	67	44	67	98
MIN	31	34	36	52	56	47	48	38	32	20	14	20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	50.1	44.4	59.1	82.9	89.4	55.4	71.6	52.5	49.8	37.4	28.8	34.0
MAX	50.1	44.4	59.1	82.9	89.4	55.4	71.6	52.5	59.5	45.1	37.1	37.4
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1998	1998	1998	1998
MIN	50.1	44.4	59.1	82.9	89.4	55.4	71.6	52.5	40.0	29.8	20.5	30.7
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL MEAN	52.0		52.0	
HIGHEST ANNUAL MEAN			52.0	1999
LOWEST ANNUAL MEAN			52.0	1999
HIGHEST DAILY MEAN	404	Feb 1	404	Feb 1 1999
LOWEST DAILY MEAN	14	Aug 10	14	Aug 10 1999
ANNUAL SEVEN-DAY MINIMUM	15	Aug 6	15	Aug 6 1999
INSTANTANEOUS PEAK FLOW	679	Feb 1	679	Feb 1 1999
INSTANTANEOUS PEAK STAGE	5.33	Feb 1	5.33	Feb 1 1999
10 PERCENT EXCEEDS	76		72	
50 PERCENT EXCEEDS	45		45	
90 PERCENT EXCEEDS	22		24	



02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi^2.

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by U. S. Army Corps of Engineers). Prior to October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft^3 between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 8, 1964; minimum elevation, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 660.09 ft, Jun. 30; minimum elevation, 653.73 ft, Sep. 24.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	655.13	654.39	654.77	655.15	657.99	657.87	658.52	658.88	659.01	659.87	657.53	655.23
2	655.07	654.37	654.71	655.39	658.11	657.79	658.63	658.93	658.99	659.77	657.33	655.07
3	655.11	654.45	654.65	655.65	658.09	657.75	658.71	658.91	658.95	659.83	657.18	654.97
4	655.41	654.35	654.64	655.78	658.05	657.72	658.79	658.89	658.89	659.87	657.07	654.95
5	655.39	654.29	654.73	655.75	657.95	657.75	658.89	658.87	658.91	659.73	656.99	654.91
6	655.31	654.25	654.75	655.79	657.95	657.85	658.87	658.89	658.91	659.51	656.89	654.91
7	655.46	654.25	654.63	655.79	657.97	657.89	658.91	659.03	658.93	659.35	656.85	654.83
8	655.69	654.27	654.59	655.79	657.81	657.91	658.91	659.15	658.92	659.22	656.83	654.65
9	655.63	654.29	654.39	656.07	657.73	657.99	658.93	659.26	658.95	659.13	656.82	654.53
10	655.69	654.25	654.31	656.25	657.67	657.97	659.03	659.31	658.99	659.15	656.91	654.49
11	655.77	654.35	654.23	656.23	657.62	657.97	659.07	659.27	659.01	659.31	656.81	654.50
12	655.63	654.33	654.31	656.15	657.53	657.95	659.01	659.25	659.05	659.27	656.71	654.50
13	655.53	654.47	654.45	656.07	657.53	658.01	658.97	659.29	659.07	659.13	656.55	654.57
14	655.43	654.61	654.39	656.05	657.49	658.19	658.89	659.26	659.29	659.03	656.45	654.58
15	655.35	654.69	654.33	656.17	657.51	658.05	658.89	659.31	659.47	658.93	656.41	654.43
16	655.23	654.83	654.25	656.18	657.43	658.05	658.83	659.35	659.71	658.85	656.39	654.29
17	655.28	654.90	654.11	656.25	657.45	657.95	658.80	659.33	659.69	658.89	656.33	654.20
18	655.33	654.89	654.03	656.21	657.59	657.89	658.87	659.31	659.65	658.93	656.31	654.21
19	655.23	654.89	654.10	656.15	657.71	657.93	658.75	659.25	659.67	658.75	656.07	654.21
20	655.13	654.93	654.17	656.09	657.87	657.99	658.75	659.25	659.69	658.57	655.97	654.21
21	655.01	654.94	654.05	656.33	657.95	658.11	658.67	659.33	659.57	658.39	655.99	654.15
22	654.83	655.03	654.21	656.43	657.85	658.02	658.59	659.35	659.45	658.35	655.99	654.03
23	654.71	654.89	654.33	656.75	657.78	657.95	658.53	659.41	659.35	658.35	655.85	653.85
24	654.73	654.83	654.74	657.03	657.79	657.87	658.58	659.23	659.33	658.37	656.07	653.75
25	654.75	654.75	654.85	657.03	657.79	657.85	658.63	659.21	659.43	658.41	655.91	653.83
26	654.65	654.76	654.93	657.33	657.81	657.89	658.57	659.17	659.72	658.25	655.73	654.01
27	654.57	654.80	655.03	657.47	657.85	657.97	658.53	659.12	659.85	658.11	655.51	653.99
28	654.55	654.83	655.17	657.41	657.98	658.01	658.43	659.05	659.91	657.99	655.49	653.85
29	654.43	654.87	655.31	657.37	---	657.91	658.73	659.07	660.07	657.79	655.45	653.93
30	654.33	654.83	655.36	657.39	---	657.91	658.83	659.11	659.97	657.83	655.29	653.93
31	654.35	---	655.23	657.51	---	658.11	---	659.09	---	657.63	655.31	---
MAX	655.77	655.03	655.36	657.51	658.11	658.19	659.07	659.41	660.07	659.87	657.53	655.23
MIN	654.33	654.25	654.03	655.15	657.43	657.72	658.43	658.87	658.89	657.63	655.29	653.75
(+)	48.59	49.64	50.54	55.73	56.82	57.13	58.84	59.47	61.59	56.01	50.71	47.66
(*)	-728	+405	+336	+1938	+451	+116	+660	+235	+818	-2083	-1979	-1177

CAL YR 1998 * -153 MAX 663.98 MIN 654.03
WTR YR 1999 * -91.3 MAX 660.07 MIN 653.75

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'26'', long 82°49'21'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi^2, approximately.

PERIOD OF RECORD.--October 1987 to current year. Data prior to October 1987 are in the files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 488.78 ft, Aug. 18, 1994; minimum, 474.58 ft, Jun. 4, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 482.24 ft, Aug. 24; minimum, 474.68 ft, Sep. 5.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	479.98	474.88	476.26	474.88	474.86	474.86	479.49	474.85	476.16	480.91	474.94	476.32
2	477.80	474.88	475.90	479.99	474.86	475.94	479.79	474.94	475.98	475.03	474.94	474.96
3	474.90	474.88	474.88	480.09	474.86	476.16	478.99	474.94	476.15	476.77	474.94	475.05
4	474.89	474.88	474.88	479.75	474.86	476.33	478.86	474.94	476.10	481.47	474.95	476.58
5	478.63	474.88	475.89	479.78	474.86	476.10	474.99	474.94	474.94	481.52	474.96	477.42
6	479.23	474.88	476.31	480.14	474.86	476.27	478.96	474.93	475.27	479.94	474.96	477.04
7	480.05	474.88	476.22	478.77	474.86	475.23	479.49	474.94	476.47	480.22	474.96	475.63
8	480.01	474.88	476.17	478.60	474.86	475.32	480.10	474.92	476.38	479.67	474.96	475.79
9	480.01	474.87	476.24	480.05	474.86	476.07	480.25	474.93	477.11	475.02	474.96	474.96
10	474.90	474.88	474.88	479.95	474.86	475.96	480.05	474.93	476.10	478.49	474.96	475.47
11	474.89	474.88	474.88	480.18	474.86	475.94	479.42	474.93	476.14	481.71	474.96	476.91
12	479.98	474.88	476.34	480.07	474.86	476.09	477.07	474.93	475.05	481.42	474.96	476.40
13	480.08	474.87	476.35	480.06	474.86	475.88	476.82	474.93	475.19	480.38	474.96	476.15
14	479.86	474.88	476.19	475.83	474.86	474.93	480.21	474.93	476.29	480.28	474.96	476.28
15	480.19	474.87	476.03	477.81	474.86	475.11	480.32	474.93	476.02	481.29	474.96	476.09
16	479.84	474.87	476.28	480.11	474.86	476.28	480.05	474.92	476.02	479.81	474.96	475.48
17	474.89	474.87	474.87	480.12	474.85	475.84	481.33	474.93	476.26	478.23	474.96	475.25
18	474.88	474.87	474.87	479.74	474.86	475.78	481.56	474.93	476.00	480.84	474.96	476.14
19	479.71	474.87	476.33	478.42	474.85	475.53	477.05	474.93	475.14	480.10	474.88	476.24
20	479.99	474.87	476.34	479.42	474.85	475.71	474.94	474.93	474.93	480.16	474.88	476.51
21	480.02	474.87	476.36	477.68	474.85	475.09	480.23	474.93	476.27	480.04	474.88	476.42
22	480.08	474.87	476.70	474.86	474.85	474.85	479.51	474.93	476.29	478.88	474.89	475.73
23	480.05	474.86	476.38	479.94	474.85	476.44	480.15	474.95	476.59	475.16	474.88	474.91
24	478.51	474.86	475.15	479.77	474.85	476.41	477.86	474.95	475.47	478.35	474.88	475.21
25	478.52	474.86	475.30	479.06	474.85	476.15	479.40	474.95	475.67	479.15	474.89	476.53
26	480.06	474.86	476.30	478.31	474.84	475.11	474.97	474.94	474.94	479.74	474.89	476.40
27	479.99	474.86	476.22	478.83	474.84	475.15	474.95	474.94	474.94	479.99	474.97	476.22
28	479.98	474.86	476.05	476.94	474.84	475.05	479.69	474.94	476.30	479.94	474.97	476.50
29	479.73	474.86	476.13	477.25	474.85	475.09	479.63	474.94	476.22	479.75	474.98	476.50
30	480.17	474.86	476.24	480.07	474.85	476.23	480.41	474.94	476.29	479.27	474.98	476.08
31	477.84	474.88	475.37	---	---	---	480.39	474.94	476.39	479.81	474.98	476.33
MONTH	480.19	474.86	475.88	480.18	474.84	475.70	481.56	474.85	475.91	481.71	474.88	476.05

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA--Continued
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	480.10	474.99	477.20	480.44	474.93	476.77	479.50	475.00	476.09	474.99	474.97	474.98
2	480.10	474.98	477.19	480.60	474.93	477.09	479.53	475.00	476.19	474.99	474.98	474.98
3	480.10	474.97	477.04	480.66	474.92	477.10	477.21	474.99	475.44	479.61	474.98	476.01
4	480.17	474.98	477.04	480.53	475.00	476.95	479.72	474.99	475.44	481.60	474.99	475.92
5	480.19	474.97	476.97	481.26	475.00	475.94	480.18	475.00	476.79	479.95	475.00	476.32
6	479.92	474.97	475.84	475.01	475.00	475.00	480.14	474.92	476.29	480.77	475.01	476.54
7	479.81	474.97	475.81	478.02	474.99	475.26	479.94	474.92	476.37	481.47	475.01	476.03
8	480.18	474.98	477.52	481.56	475.00	476.55	479.18	474.92	476.48	477.26	475.00	475.13
9	480.15	474.98	476.66	481.16	475.01	476.75	479.22	474.92	475.73	477.62	474.99	475.30
10	480.09	474.98	476.65	480.17	475.00	475.92	478.50	474.93	475.26	479.98	474.99	476.02
11	480.18	474.98	476.72	480.23	475.00	476.03	477.18	474.92	475.22	481.13	474.96	476.15
12	480.01	474.98	476.85	480.18	475.00	475.87	479.47	474.93	476.20	481.40	474.96	475.97
13	479.12	474.97	475.70	475.01	475.00	475.00	479.12	474.92	476.18	479.47	474.96	476.05
14	479.75	474.98	475.92	475.03	475.00	475.01	480.08	474.92	476.27	479.02	474.97	475.90
15	480.14	474.98	476.34	481.54	474.99	477.01	479.83	474.92	476.19	475.03	474.99	475.01
16	480.19	474.98	476.37	481.52	474.99	476.62	479.71	474.92	476.34	475.02	475.00	475.01
17	480.04	474.98	476.20	480.18	474.99	476.54	477.65	475.00	475.69	479.32	474.93	475.86
18	480.14	474.99	476.10	480.16	474.99	476.42	476.84	475.00	475.10	479.40	474.93	476.08
19	480.06	475.01	475.86	480.04	474.99	475.78	480.20	474.93	476.34	480.10	474.92	476.08
20	475.02	475.01	475.01	475.00	474.99	474.99	479.62	474.92	475.98	479.17	474.92	475.91
21	477.93	475.01	475.33	477.03	474.99	475.10	479.95	474.92	476.47	478.95	474.90	475.63
22	480.27	475.01	476.54	479.92	474.99	476.42	480.17	474.92	476.22	477.11	474.89	475.20
23	480.72	474.95	476.43	480.22	474.99	476.27	480.07	474.92	476.19	476.70	474.89	475.00
24	480.60	474.93	476.18	480.23	474.99	476.40	477.26	474.98	475.18	479.25	474.88	477.01
25	480.56	474.93	476.20	480.22	474.99	476.36	476.76	474.99	475.09	478.85	474.92	475.74
26	480.63	474.93	475.62	479.97	474.99	476.09	480.19	474.94	476.49	480.27	474.91	475.90
27	474.93	474.92	474.93	478.90	474.99	475.28	479.83	474.92	476.39	479.47	474.95	476.09
28	474.93	474.92	474.93	479.78	474.99	475.44	480.18	474.92	476.79	480.18	474.95	476.29
29	---	---	---	480.17	474.99	476.46	479.98	474.92	476.15	477.14	474.95	475.08
30	---	---	---	479.59	474.99	475.82	479.13	474.92	475.71	477.74	474.96	475.20
31	---	---	---	479.49	474.99	475.87	---	---	---	480.23	474.97	475.66
MONTH	480.72	474.92	476.26	481.56	474.92	476.07	480.20	474.92	476.01	481.60	474.88	475.74

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	480.70	474.97	476.19	481.81	474.91	476.32	479.11	474.88	476.18	480.98	474.74	476.23
2	480.16	474.98	475.90	482.18	474.90	476.37	481.87	474.87	476.68	480.59	474.74	476.42
3	480.77	474.93	476.12	474.91	474.90	474.90	480.91	474.88	476.18	481.09	474.74	476.33
4	480.70	474.87	476.02	474.91	474.90	474.90	479.22	474.87	476.00	479.10	474.74	475.08
5	474.88	474.85	474.86	482.13	474.90	476.54	479.75	474.88	475.93	477.82	474.68	475.25
6	479.20	474.85	475.29	481.82	474.90	477.42	480.12	474.87	475.82	479.53	474.74	475.65
7	480.73	474.85	475.77	482.19	474.91	476.95	480.34	474.88	475.42	480.54	474.74	476.84
8	482.16	474.91	476.50	481.91	474.90	476.67	480.17	474.88	475.17	481.07	474.75	476.76
9	482.18	474.91	476.39	481.10	474.90	476.32	482.18	474.88	476.43	480.66	474.75	476.37
10	482.16	474.92	476.23	478.86	474.90	475.76	481.34	474.88	476.36	479.21	474.74	476.38
11	479.58	474.92	475.34	474.95	474.90	474.91	482.03	474.88	476.53	474.80	474.74	474.75
12	476.04	474.92	474.97	482.12	474.90	476.63	481.90	474.88	476.38	474.75	474.74	474.74
13	474.93	474.92	474.92	482.08	474.90	476.66	481.84	474.88	476.45	478.96	474.74	475.89
14	479.20	474.92	475.88	481.86	474.90	476.37	480.42	474.88	476.00	479.93	474.74	476.38
15	479.43	474.91	475.98	481.74	474.90	476.47	478.33	474.89	475.44	480.53	474.74	476.52
16	479.94	474.93	475.89	481.00	474.90	476.26	481.19	474.88	476.59	478.86	474.75	475.92
17	479.57	474.92	475.98	474.91	474.87	474.90	481.69	474.88	476.81	479.44	474.74	475.90
18	479.63	474.91	475.84	474.88	474.87	474.87	482.13	474.88	476.59	474.77	474.74	474.75
19	474.92	474.90	474.91	482.16	474.87	477.08	481.66	474.89	476.77	474.75	474.74	474.75
20	474.91	474.90	474.91	481.57	474.86	476.95	481.17	474.89	476.40	480.89	474.75	476.38
21	480.13	474.90	476.75	482.06	474.87	477.24	478.84	474.89	475.10	480.13	474.75	476.55
22	480.75	474.91	476.48	482.06	474.87	476.73	474.89	474.88	474.89	478.92	474.74	476.30
23	480.63	474.91	476.35	481.73	474.87	476.76	482.17	474.88	476.74	481.15	474.74	476.45
24	479.95	474.91	476.11	475.03	474.87	474.88	482.24	474.89	476.76	479.94	474.75	476.20
25	480.57	474.91	476.25	474.89	474.87	474.88	482.19	474.89	476.75	474.80	474.74	474.75
26	474.91	474.84	474.85	482.17	474.88	476.66	481.99	474.89	476.87	474.75	474.73	474.74
27	474.88	474.84	474.85	482.12	474.87	476.78	482.06	474.89	476.85	480.64	474.75	476.63
28	482.12	474.85	476.60	482.16	474.87	476.78	478.63	474.88	475.51	480.90	474.75	476.83
29	481.07	474.90	476.31	482.21	474.88	477.00	478.90	474.88	475.35	479.59	474.75	475.15
30	481.33	474.91	476.33	482.13	474.88	476.69	481.08	474.75	476.50	479.17	474.75	474.95
31	---	---	---	482.04	474.88	476.54	479.89	474.75	476.02	---	---	---
MONTH	482.18	474.84	475.83	482.21	474.86	476.26	482.24	474.75	476.18	481.15	474.68	475.86
YEAR	482.24	474.68	475.98									

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'15'', long 82°48'55'', Anderson County (SC), Hydrologic Unit 03060103, on left bank at Highway 29, 6.8 mi east of Hartwell, and at mile 304.6.

DRAINAGE AREA.--2,090 mi^2, approximately.

PERIOD OF RECORD.--October 1984 to current year.

REVISED RECORDS.--WRD SC-91.1: 1990.

GAGE.--Data collection platform. Elevation of gage is 470 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River.

AVERAGE DISCHARGE.--5 years (water years 1985-89), 2,993 ft^3/s, 19.45 in/yr.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3730	23	3150	3640	6420	4920	2790	38	3360	4080	2990	3540
2	2070	2550	2840	37	6250	5420	3070	39	2460	4270	5300	4120
3	24	3270	2950	198	5960	5490	908	2600	3150	24	3430	4140
4	25	3760	2840	4360	5910	4950	1170	2830	3080	24	2870	628
5	2560	3060	36	7410	5770	2830	4680	3740	21	5100	2660	875
6	3760	3750	844	5580	2470	43	3660	4370	1010	7310	2450	1900
7	3630	817	4030	1640	2430	652	3800	3060	2470	6170	1200	5210
8	3420	992	3620	1970	6930	4460	4060	263	4850	4650	681	5360
9	3740	3250	5640	38	4690	5070	2000	691	4300	3720	4580	3610
10	24	2810	3030	1110	4740	2620	816	3080	4100	1690	4110	3540
11	24	2710	2990	5560	4850	2900	562	3490	911	25	4590	12
12	4100	3150	226	4040	4770	2390	3330	2960	68	5050	4300	11
13	4080	2650	501	3150	1930	43	3260	2240	28	4870	4500	2370
14	3510	43	3490	3560	2700	44	3680	2400	2410	4190	2610	3830
15	3060	503	2910	3120	3830	5700	3260	49	2580	4330	1150	4130
16	3810	3600	3010	1340	3930	4560	3480	52	2340	3710	4480	2370
17	24	2440	3780	718	3340	4150	1680	2390	2590	23	5080	2390
18	23	2220	3400	3330	3150	3860	212	3030	2220	21	4830	12
19	4030	1550	403	3470	2270	2240	3740	3070	26	6190	5370	12
20	4150	2070	32	4220	44	41	2800	2500	26	5890	2780	3760
21	4010	489	3720	3970	732	235	3740	1850	4330	6480	448	4100
22	4820	20	3480	1870	4420	3810	3650	582	3970	5320	20	3130
23	4100	4080	4570	27	4020	3620	3430	184	3690	5400	5890	4110
24	608	4050	1050	756	3400	4010	406	5670	3200	22	5610	3010
25	931	3120	1690	4310	3490	3830	206	2010	3430	21	5320	11
26	3960	565	32	3910	1940	2890	4190	2540	19	5170	5630	11
27	3400	682	32	3380	27	662	4000	2680	19	5370	5540	4140
28	3080	367	3550	3950	27	1240	5380	2910	4780	5380	1320	5100
29	3400	478	3360	4080	---	4140	3200	208	3780	6220	1020	855
30	3610	3510	3730	2940	---	2290	1830	512	4130	5360	4620	351
31	872	---	3940	3240	---	2360	---	1920	---	4500	2710	---
TOTAL	82585	62579	78876	90924	100440	91470	82990	63958	73348	120580	108089	76638
MEAN	2664	2086	2544	2933	3587	2951	2766	2063	2445	3890	3487	2555
MAX	4820	4080	5640	7410	6930	5700	5380	5670	4850	7310	5890	5360
MIN	23	20	32	27	27	41	206	38	19	21	20	11
CFSM	1.27	1.00	1.22	1.40	1.72	1.41	1.32	.99	1.17	1.86	1.67	1.22
IN.	1.47	1.11	1.40	1.62	1.79	1.63	1.48	1.14	1.31	2.15	1.92	1.36

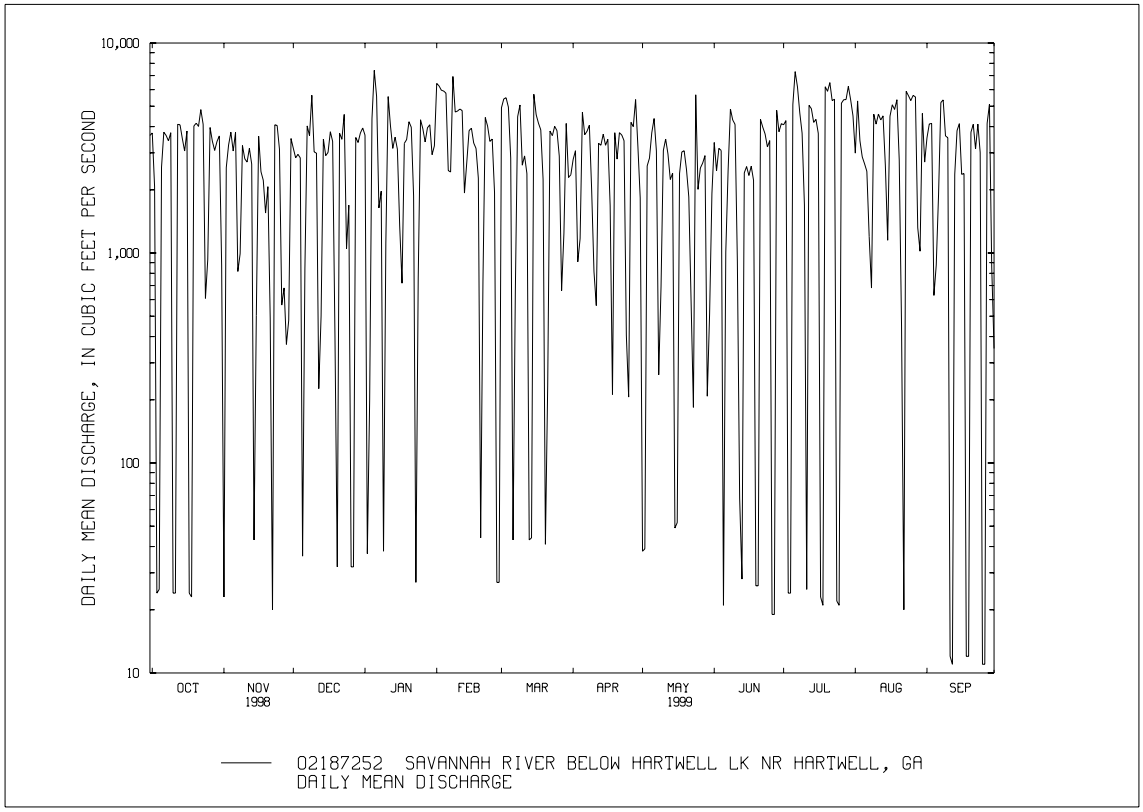
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1999, BY WATER YEAR (WY)

MEAN	2749	2792	3740	3104	2753	2511	3697	2962	3149	3466	3524	3105
MAX	3950	5219	7267	5075	3782	3155	8188	5805	5042	5647	4281	3898
(WY)	1988	1990	1990	1985	1985	1985	1993	1993	1997	1987	1995	1990
MIN	1904	1865	2073	2132	2101	1910	2113	1955	2069	1776	2209	2217
(WY)	1989	1987	1989	1989	1986	1986	1989	1988	1989	1989	1988	1988

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1985 - 1999	
LOWEST DAILY MEAN	* 11	** Sep 12	* 10	Apr 28 1996
INSTANTANEOUS PEAK FLOW	25300	Aug 24	Unknown	Aug 17 1994
INSTANTANEOUS PEAK STAGE	10.91	Aug 24	17.18	Aug 17 1994

* May have been less during periods of backwater.
** Also occurred on Sep. 25, 26.



02187910 ROCKY RIVER NEAR STARR, SC

LOCATION.--Lat 34°22'59'', long 82°34'39'', Anderson County, Hydrologic Unit 03060103, on downstream side of bridge on State Road 244, 0.5 mi upstream of Beaver Creek, 2.5 mi upstream of Secession Lake, and 6.7 mi east of Starr.

DRAINAGE AREA.--111 mi^2.

PERIOD OF RECORD.--May 1989 to February 1996, October 1996 to current year.

GAGE.--Data collection platform. Elevation of gage is 570 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	51	63	177	476	102	482	242	48	69	e30	23
2	68	53	63	354	834	96	375	128	47	58	e28	21
3	58	61	63	479	525	102	177	109	56	57	e27	20
4	57	64	62	387	309	107	149	100	55	49	e26	18
5	75	59	62	209	234	99	136	95	53	45	e24	17
6	69	57	63	172	192	94	157	221	50	46	e22	16
7	71	56	64	109	172	66	116	158	48	61	e21	15
8	79	56	64	134	160	67	101	133	45	61	e19	14
9	76	58	75	121	149	73	154	104	43	60	e18	28
10	66	61	73	83	144	76	136	94	42	47	e17	64
11	60	68	66	105	142	65	118	88	64	50	15	38
12	58	69	63	122	137	61	108	85	59	62	14	32
13	56	64	92	107	131	61	100	87	47	66	11	28
14	54	64	126	100	108	82	94	89	43	58	11	26
15	51	103	104	103	98	85	95	84	46	52	11	25
16	51	140	94	101	96	69	102	78	94	48	10	24
17	51	141	78	95	95	63	94	74	118	44	12	21
18	50	104	70	115	133	60	87	72	83	43	11	18
19	51	85	67	125	172	60	85	72	62	42	11	16
20	52	77	69	126	233	62	83	72	53	42	11	16
21	52	74	71	128	170	65	82	67	50	41	22	14
22	50	71	104	119	144	77	79	65	47	41	15	40
23	50	69	90	157	129	70	76	62	46	41	14	33
24	48	68	195	294	120	66	74	62	46	41	142	25
25	48	67	267	215	115	71	73	58	96	40	83	23
26	49	67	176	169	110	103	72	54	95	e39	53	21
27	49	66	94	148	105	137	76	54	140	e38	42	27
28	48	64	88	138	105	78	102	52	107	e37	37	81
29	48	63	94	120	---	78	162	50	79	e35	32	57
30	49	64	93	118	---	87	294	48	70	e34	28	50
31	49	---	86	133	---	124	---	48	---	e32	24	---
TOTAL	1779	2164	2839	5063	5538	2506	4039	2805	1932	1479	841	851
MEAN	57.4	72.1	91.6	163	198	80.8	135	90.5	64.4	47.7	27.1	28.4
MAX	86	141	267	479	834	137	482	242	140	69	142	81
MIN	48	51	62	83	95	60	72	48	42	32	10	14
CFSM	.52	.65	.83	1.47	1.78	.73	1.21	.82	.58	.43	.24	.26
IN.	.60	.73	.95	1.70	1.86	.84	1.35	.94	.65	.50	.28	.29

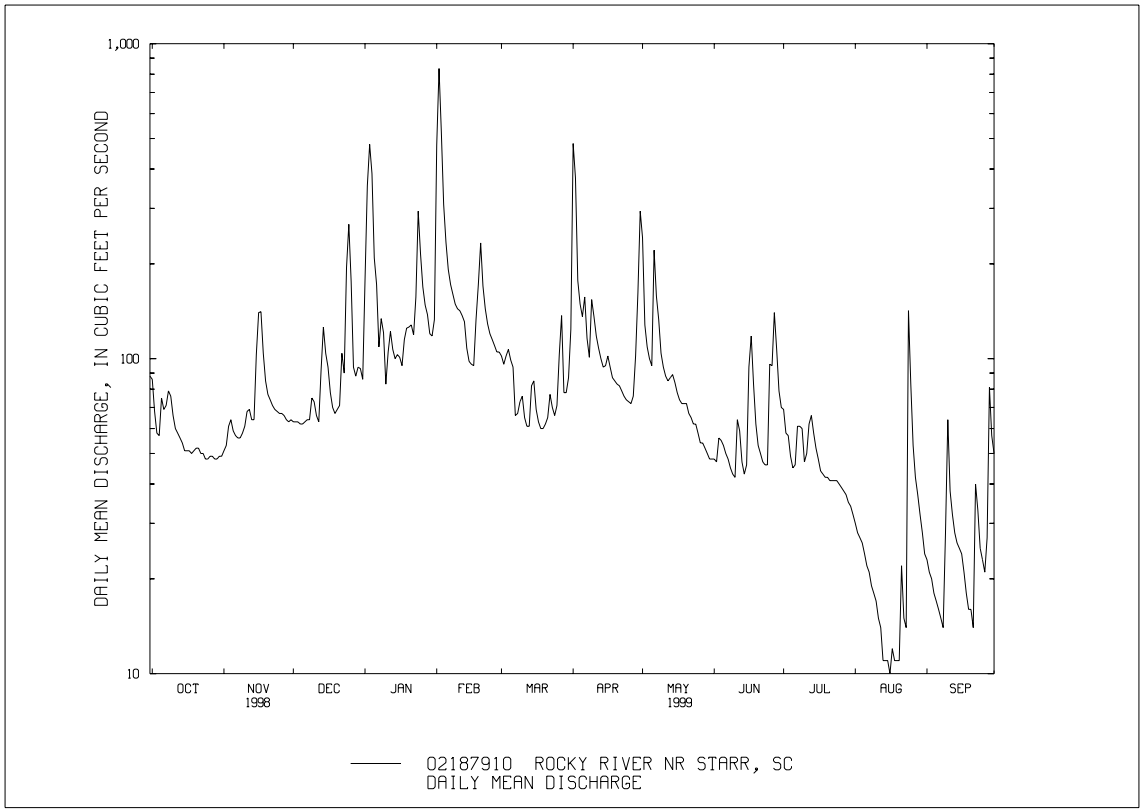
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1999, BY WATER YEAR (WY)

MEAN	106	127	151	243	256	232	207	122	95.7	65.9	111	68.1
MAX	177	259	363	473	406	474	648	213	134	87.7	348	138
(WY)	1990	1993	1993	1993	1998	1993	1998	1998	1991	1994	1995	1992
MIN	47.8	63.0	86.9	120	151	80.8	97.6	73.4	52.6	45.9	27.1	28.4
(WY)	1994	1992	1992	1992	1991	1999	1995	1994	1990	1990	1999	1999

02187910 ROCKY RIVER NEAR STARR, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1989 - 1999	
ANNUAL TOTAL	75010		31836			
ANNUAL MEAN	206		87.2		148	
HIGHEST ANNUAL MEAN					226	1998
LOWEST ANNUAL MEAN					87.2	1999
HIGHEST DAILY MEAN	3810	Apr 18	834	Feb 2	3810	Apr 18 1998
LOWEST DAILY MEAN	39	Sep 2	10	Aug 16	10	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	40	Aug 27	11	Aug 13	11	Aug 13 1999
INSTANTANEOUS PEAK FLOW			949	Apr 1	6260	Apr 18 1998
INSTANTANEOUS PEAK STAGE			9.52	Apr 1	17.70	Apr 18 1998
ANNUAL RUNOFF (CFSM)	1.85		.79		1.33	
ANNUAL RUNOFF (INCHES)	25.14		10.67		18.06	
10 PERCENT EXCEEDS	388		148		256	
50 PERCENT EXCEEDS	100		67		91	
90 PERCENT EXCEEDS	48		25		45	

e Estimated



02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'30'', long 82°35'42'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in left spillway elevator tower of dam on Savannah River, 1.2 mi downstream from Beer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi^2, approximately (determined by U. S. Army Corps of Engineers).

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by U. S. Army Corps of Engineers).

REMARKS.--Lake formed by concrete dam completed Dec. 1983. Usable capacity 5,523,000,000 ft^3 between elevations 470.0 ft (normal limit of drawdown) and 475.0 ft (maximum power pool). Dead storage below 470.0 ft, 39,159,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 436.0 ft. Lake is used for flood control, generation of power and recreation.

COOPERATION.--Capacity table furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 479.43 ft, Aug. 22, 1994; minimum, 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 475.25 ft, May. 7; minimum, 470.40 ft, Nov. 23.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	471.23	471.58	471.05	472.22	474.13	474.38	473.99	474.82	475.10	474.53	472.96	472.50
2	471.15	471.54	471.02	472.40	474.18	474.36	474.14	474.84	475.11	474.49	472.83	472.48
3	471.15	471.55	470.97	472.48	474.04	474.49	474.25	474.86	475.04	474.46	472.74	472.37
4	471.16	471.57	470.98	472.49	473.99	474.36	474.38	474.87	474.90	474.33	472.69	472.34
5	470.96	471.45	470.99	472.65	473.82	474.34	474.52	474.95	474.78	474.33	472.64	472.33
6	470.95	471.37	471.10	472.80	474.12	474.22	474.66	475.03	474.83	474.36	472.60	472.33
7	470.99	471.19	471.08	472.70	474.37	474.11	474.70	475.04	474.75	474.42	472.61	472.34
8	470.94	471.07	471.15	472.66	474.30	473.80	474.71	474.95	474.82	474.34	472.60	472.22
9	470.98	471.08	471.44	472.71	474.28	474.03	474.76	474.88	474.84	474.13	472.63	472.31
10	470.97	471.06	471.30	472.70	474.35	473.94	474.76	474.88	474.88	474.12	472.64	472.34
11	470.97	471.01	471.23	472.72	474.34	473.82	474.76	474.91	474.86	474.35	472.62	472.32
12	471.10	470.98	471.28	472.75	474.39	473.77	474.74	474.91	474.87	474.30	472.53	472.30
13	471.17	470.85	471.36	472.78	474.27	473.78	474.64	474.99	474.86	474.40	472.46	472.19
14	471.23	470.70	471.33	472.78	474.16	473.93	474.61	475.13	474.84	474.29	472.45	472.37
15	471.24	470.66	471.35	472.83	474.08	473.90	474.62	475.15	474.91	474.27	472.45	472.57
16	471.31	470.76	471.33	472.91	474.15	473.87	474.64	475.15	475.01	474.22	472.47	472.55
17	471.29	470.66	471.38	473.03	474.26	473.88	474.77	475.10	474.95	474.23	472.44	472.42
18	471.31	470.53	471.40	473.01	474.32	473.77	474.78	475.08	474.84	474.22	472.31	472.42
19	471.23	470.44	471.46	473.03	474.45	473.73	474.75	475.08	474.84	474.16	472.24	472.41
20	471.27	470.50	471.48	472.95	474.51	473.74	474.67	475.07	474.84	474.13	472.34	472.61
21	471.34	470.56	471.51	472.98	474.61	473.80	474.65	474.99	474.80	474.08	472.37	472.68
22	471.46	470.56	471.65	472.87	474.45	473.67	474.54	474.97	474.83	473.90	472.34	472.84
23	471.39	470.61	471.80	473.14	474.35	473.71	474.49	474.90	474.82	473.73	472.25	473.12
24	471.44	470.75	471.89	473.18	474.24	473.60	474.51	475.13	474.74	473.84	472.60	473.25
25	471.48	470.88	471.99	473.13	474.29	473.56	474.54	475.08	474.75	473.81	472.66	473.24
26	471.52	470.94	472.00	473.20	474.28	473.46	474.58	475.06	474.78	473.71	472.67	473.16
27	471.52	470.94	472.03	473.23	474.28	473.53	474.65	475.07	474.83	473.52	472.62	472.76
28	471.34	470.98	472.05	473.24	474.35	473.67	474.52	475.04	474.68	473.38	472.63	472.60
29	471.46	470.99	472.11	473.31	---	473.64	474.67	475.06	474.72	473.21	472.66	472.26
30	471.55	471.04	472.17	473.45	---	473.56	474.80	475.07	474.64	473.14	472.59	471.96
31	471.63	---	472.25	473.57	---	473.71	---	475.10	---	473.26	472.53	---
MAX	471.63	471.58	472.25	473.57	474.61	474.49	474.80	475.15	475.11	474.53	472.96	473.25
MIN	470.94	470.44	470.97	472.22	473.82	473.46	473.99	474.82	474.64	473.14	472.24	471.96
(+)	40.89	40.24	41.58	43.03	43.92	43.18	44.46	44.82	44.27	42.69	41.88	41.26
(*)	+202	-251	+500	+541	+368	-276	+494	+134	-212	-590	-302	-239

CAL YR 1998 * -161 MAX 478.76 MIN 470.44
WTR YR 1999 * +28.9 MAX 475.15 MIN 470.44

02189005 RICHARD B. RUSSELL LAKE TAILRACE NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'28'', long 82°35'41'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia- South Carolina State line, in the dam structure, downstream of spillway, on the Savannah River, 1.2 mi downstream from Beer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi^2, approximately (U.S. Army Corps of Engineers).

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Data collection platform. Datum of gage is 300.00 ft above sea level (U.S. Army Corps of Engineers benchmark).

REMARKS.--Regulated by hydro-electric generation from Richard B. Russell Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 35.37 ft, Feb. 6, 7, 1998; minimum, 22.06 ft, Jan. 1, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 29.11 ft, Oct. 2; minimum, 22.06 ft, Jan. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	29.03	28.70	28.89	26.47	26.21	26.40	24.22	23.69	24.03	23.36	22.06	22.81
2	29.11	28.67	28.89	26.48	26.12	26.31	24.21	23.68	23.98	22.84	22.58	22.71
3	28.87	28.67	28.80	26.38	25.98	26.23	24.15	23.72	23.96	22.88	22.60	22.72
4	28.77	28.57	28.68	26.38	25.95	26.17	24.21	23.74	23.95	23.29	22.32	22.68
5	28.87	28.26	28.61	26.45	25.71	26.05	24.11	23.78	23.94	23.37	22.52	22.88
6	28.78	28.41	28.58	26.29	25.71	26.00	23.90	23.67	23.82	23.49	22.50	22.96
7	28.90	28.36	28.63	26.11	25.80	25.95	24.21	23.45	23.72	23.28	22.69	22.96
8	29.02	28.47	28.77	26.05	25.74	25.90	23.96	23.51	23.72	23.39	22.56	22.96
9	29.09	28.56	28.81	26.14	25.60	25.83	24.03	23.34	23.66	23.15	22.74	22.97
10	28.89	28.67	28.77	25.99	25.63	25.80	23.86	23.29	23.59	22.98	22.57	22.82
11	28.72	28.54	28.66	25.95	25.43	25.71	24.10	23.34	23.67	23.00	22.45	22.79
12	28.68	28.27	28.54	25.92	25.44	25.68	23.82	23.38	23.56	23.09	22.49	22.85
13	28.79	28.33	28.53	25.96	25.38	25.67	23.53	23.33	23.44	23.34	22.51	22.88
14	---	---	---	25.84	25.38	25.60	23.84	23.05	23.34	23.06	22.55	22.84
15	---	---	---	25.70	25.41	25.56	23.87	22.93	23.32	23.29	22.64	22.94
16	---	---	---	25.64	25.23	25.48	23.82	22.96	23.28	23.29	22.74	22.96
17	28.33	28.12	28.22	25.84	25.04	25.44	23.85	22.80	23.21	22.97	22.74	22.86
18	28.15	27.99	28.09	25.67	25.12	25.43	23.89	22.71	23.24	23.12	22.57	22.87
19	28.09	27.78	27.97	25.60	25.14	25.39	23.25	22.91	23.07	23.11	22.61	22.92
20	28.13	27.79	28.03	25.65	25.01	25.33	23.07	22.81	22.94	23.54	22.60	22.98
21	28.10	27.78	27.98	25.35	25.07	25.23	23.00	22.54	22.82	23.45	22.69	23.03
22	28.02	27.65	27.88	25.19	24.95	25.07	23.07	22.48	22.85	23.31	22.80	23.06
23	28.27	27.65	27.92	25.50	24.66	24.96	23.28	22.44	22.87	23.34	23.04	23.18
24	28.01	27.72	27.85	25.07	24.57	24.84	22.95	22.61	22.78	23.33	22.93	23.16
25	27.85	27.58	27.74	24.90	24.53	24.72	23.00	22.63	22.80	23.95	22.93	23.29
26	27.67	26.96	27.39	24.77	24.45	24.62	22.89	22.71	22.79	23.83	23.12	23.45
27	27.31	26.53	26.94	24.62	24.35	24.51	22.79	22.61	22.72	24.03	23.17	23.51
28	27.20	26.36	26.70	24.52	24.25	24.38	23.01	22.35	22.62	23.79	23.27	23.57
29	27.21	26.41	26.70	24.34	24.06	24.23	22.83	22.38	22.64	23.83	23.19	23.63
30	26.78	26.31	26.59	24.43	23.86	24.11	22.91	22.35	22.64	23.81	23.44	23.65
31	26.74	26.40	26.54	---	---	---	23.35	22.33	22.69	23.99	23.48	23.70
MONTH	29.11	26.31	28.06	26.48	23.86	25.42	24.22	22.33	23.28	24.03	22.06	23.05

02189005 RICHARD B. RUSSELL LAKE TAILRACE NEAR CALHOUN FALLS, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	25.06	23.69	24.29	27.24	26.54	26.83	28.30	27.94	28.09	27.77	27.56	27.65
2	26.07	24.80	25.38	27.34	26.71	27.01	28.59	28.06	28.19	27.61	27.50	27.57
3	26.78	25.56	26.17	27.62	26.77	27.06	28.42	28.20	28.32	27.57	27.24	27.50
4	27.21	26.18	26.60	27.50	26.75	27.14	28.35	28.21	28.29	27.63	27.26	27.49
5	27.48	26.52	26.94	27.57	26.98	27.27	28.50	27.91	28.23	27.64	27.35	27.52
6	27.32	26.91	27.03	27.42	27.06	27.24	28.49	27.97	28.21	27.85	27.43	27.60
7	27.06	26.78	26.96	27.36	27.05	27.18	28.32	27.94	28.16	27.80	27.49	27.72
8	27.36	26.54	26.95	27.48	26.78	27.23	28.40	27.67	28.17	27.88	27.59	27.75
9	27.24	26.50	26.86	27.73	27.08	27.31	28.35	27.93	28.13	27.83	27.60	27.74
10	27.13	26.44	26.78	27.70	27.08	27.38	28.25	28.00	28.12	27.82	27.48	27.71
11	27.19	26.43	26.76	27.85	27.08	27.41	28.11	27.81	28.00	27.85	27.50	27.71
12	27.11	26.37	26.68	27.87	27.15	27.46	28.03	27.74	27.89	27.85	27.50	27.71
13	26.82	26.35	26.56	27.52	27.27	27.38	27.99	27.69	27.87	27.89	27.43	27.73
14	26.79	26.29	26.56	27.57	27.32	27.45	28.03	27.76	27.93	27.82	27.54	27.72
15	27.00	26.24	26.61	28.09	27.16	27.62	28.09	27.63	27.92	27.71	27.57	27.65
16	27.08	26.21	26.64	28.16	27.29	27.84	27.99	27.72	27.89	27.62	27.47	27.56
17	27.05	26.29	26.60	28.31	27.67	27.95	28.07	27.80	27.92	27.51	27.23	27.44
18	27.13	26.34	26.64	28.31	27.68	27.95	27.88	27.63	27.78	27.56	27.18	27.41
19	27.19	26.48	26.75	28.35	27.80	28.04	28.05	27.50	27.75	27.56	27.26	27.41
20	26.91	26.72	26.82	28.12	27.92	28.02	27.90	27.49	27.69	27.50	27.19	27.40
21	26.86	26.69	26.79	28.01	27.83	27.93	28.00	27.44	27.71	27.49	27.25	27.39
22	27.17	26.40	26.82	28.31	27.42	27.92	27.96	27.50	27.73	27.47	27.25	27.36
23	27.39	26.58	26.93	28.38	27.48	27.99	27.88	27.49	27.70	27.31	27.11	27.23
24	27.32	26.60	26.94	28.38	27.70	27.95	27.79	27.53	27.70	27.29	26.94	27.10
25	27.52	26.70	27.03	28.49	27.78	28.04	27.66	27.46	27.59	27.22	26.90	27.09
26	27.19	26.85	27.02	28.54	27.86	28.14	27.73	27.22	27.48	27.11	26.80	27.03
27	27.16	26.91	27.00	28.24	27.95	28.08	27.90	27.29	27.53	27.08	26.86	27.01
28	27.04	26.70	26.89	28.10	27.90	28.01	27.80	27.22	27.57	27.08	26.84	26.97
29	---	---	---	28.32	27.70	27.99	27.74	27.31	27.57	27.04	26.85	26.93
30	---	---	---	28.36	27.80	28.04	27.73	27.43	27.59	26.88	26.72	26.83
31	---	---	---	28.18	27.88	28.04	---	---	---	26.79	26.64	26.74
MONTH	27.52	23.69	26.64	28.54	26.54	27.64	28.59	27.22	27.89	27.89	26.64	27.41

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.83	26.56	26.69	27.44	26.85	27.04	28.32	27.64	27.94	25.89	25.48	25.78
2	26.75	26.37	26.65	27.54	26.81	27.15	28.38	27.87	28.07	25.92	25.22	25.67
3	26.72	26.31	26.61	27.22	27.01	27.13	28.17	27.85	28.05	25.80	25.15	25.56
4	27.06	26.39	26.62	27.21	26.91	27.04	28.18	27.73	28.00	25.60	25.26	25.44
5	26.75	26.50	26.64	27.38	26.70	27.02	28.11	27.76	27.99	25.38	24.98	25.24
6	26.60	26.37	26.53	27.35	26.75	27.03	28.00	27.71	27.93	25.17	24.78	25.03
7	26.57	26.15	26.43	27.46	26.89	27.19	27.95	27.76	27.88	25.16	24.68	24.93
8	26.58	26.16	26.42	27.56	26.98	27.24	27.84	27.53	27.75	25.14	24.51	24.88
9	26.54	26.28	26.42	27.48	27.12	27.26	27.91	27.25	27.66	24.88	24.41	24.73
10	26.59	26.23	26.42	27.41	27.04	27.27	27.77	27.27	27.58	24.78	24.29	24.67
11	26.54	26.16	26.37	27.36	27.19	27.26	27.80	27.23	27.54	24.69	24.45	24.57
12	26.42	26.18	26.31	27.74	27.24	27.42	27.72	27.14	27.46	24.47	24.26	24.40
13	26.24	26.06	26.18	27.67	27.49	27.56	27.71	27.10	27.42	24.27	24.00	24.20
14	26.29	25.82	26.11	27.98	27.44	27.70	27.48	27.23	27.34	24.26	23.96	24.12
15	---	---	---	27.85	27.52	27.72	27.32	27.03	27.22	24.04	23.67	23.89
16	---	---	---	28.02	27.63	27.82	27.26	26.79	27.12	23.93	23.69	23.82
17	27.14	26.46	26.71	27.95	27.67	27.81	27.18	26.78	27.03	23.86	23.53	23.77
18	27.21	26.62	26.88	27.75	27.57	27.68	27.28	26.61	26.90	23.83	23.63	23.74
19	26.99	26.79	26.87	27.88	27.47	27.64	27.08	26.71	26.91	23.66	23.50	23.61
20	26.83	26.67	26.76	27.96	27.48	27.72	27.10	26.56	26.86	23.58	23.35	23.48
21	27.02	26.40	26.70	28.13	27.48	27.83	26.83	26.57	26.68	23.59	23.19	23.46
22	26.94	26.46	26.72	28.07	27.54	27.88	26.60	26.41	26.53	23.52	23.28	23.45
23	26.85	26.48	26.71	28.22	27.63	27.96	26.76	26.17	26.47	23.44	23.12	23.33
24	26.79	26.51	26.69	28.09	27.70	27.93	26.60	26.15	26.43	23.41	22.98	23.23
25	27.00	26.59	26.78	27.87	27.70	27.79	26.71	26.05	26.39	23.21	22.98	23.11
26	26.82	26.67	26.75	27.99	27.47	27.72	26.65	26.08	26.35	23.10	22.79	22.97
27	26.77	26.60	26.71	28.04	27.52	27.73	26.65	25.93	26.33	23.43	22.75	23.04
28	27.04	26.40	26.72	28.04	27.58	27.79	26.35	26.10	26.25	23.56	22.84	23.24
29	27.13	26.69	26.79	28.18	27.53	27.88	26.22	25.90	26.09	23.62	22.91	23.28
30	27.16	26.58	26.90	28.22	27.68	27.98	26.27	25.59	26.00	23.48	23.03	23.28
31	---	---	---	28.14	27.84	27.98	25.98	25.62	25.86	---	---	---
MONTH	27.21	25.82	26.61	28.22	26.70	27.55	28.38	25.59	27.10	25.92	22.75	24.13
YEAR	29.11	22.06	26.21									

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC

LOCATION.--Lat 34°04'17'', long 82°30'03'', Abbeville County, Hydrologic Unit 03060103, on downstream side of bridge, on State Road 40 (Island Ford Road), 2.9 mi upstream from Calhoun Creek, and 4.6 mi north of Mount Carmel.

DRAINAGE AREA.--217 mi^2.

PERIOD OF DAILY RECORD.--January 1940 to September 1970, October 1970 to September 1986 (crest-stage partial record), October 1986 to current year.

REVISED RECORD.--WSP 1433:1948.

GAGE.--Data collection platform. Datum of gage is 355.03 ft above sea level. December 1939 to October 16, 1987, at site 850 ft downstream at datum 1.06 ft lower.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	45	67	84	1480	164	248	376	43	69	35	22
2	73	46	66	86	1670	155	303	222	42	58	32	20
3	51	49	67	298	756	162	230	156	46	53	29	20
4	46	59	67	278	342	199	198	126	47	51	26	19
5	47	59	67	163	270	176	182	114	55	47	24	18
6	49	54	69	123	222	166	170	131	46	45	23	16
7	56	55	71	116	201	169	164	173	41	61	24	15
8	101	54	71	108	187	156	169	142	38	114	23	15
9	115	54	72	107	171	168	202	110	36	66	23	17
10	68	58	73	104	163	201	179	94	35	51	21	24
11	56	63	72	96	157	185	152	86	33	76	20	39
12	53	65	73	92	151	171	136	81	38	192	19	26
13	52	61	82	90	145	163	122	82	37	143	18	20
14	49	61	96	89	138	329	114	84	32	95	16	18
15	48	89	88	94	135	373	116	89	32	75	16	17
16	47	108	84	96	134	262	149	78	192	64	16	16
17	46	136	92	92	132	219	125	73	238	57	15	14
18	47	132	84	128	325	201	105	68	120	52	15	13
19	46	85	78	133	376	187	99	66	77	50	14	12
20	46	74	77	115	513	179	96	63	62	46	13	13
21	46	71	77	103	314	179	93	59	56	44	18	21
22	45	67	77	101	247	182	89	58	54	42	16	24
23	44	66	80	120	210	172	84	59	54	40	15	21
24	44	66	109	385	194	161	80	57	53	48	18	21
25	45	68	213	300	184	161	76	53	58	169	91	19
26	46	67	182	197	178	169	74	50	69	107	89	17
27	46	66	126	159	169	177	78	50	71	57	60	18
28	45	66	106	140	167	167	104	49	95	45	40	24
29	45	65	100	130	---	155	151	46	85	40	32	34
30	44	66	98	149	---	150	268	45	78	38	28	35
31	45	---	91	213	---	157	---	44	---	36	24	---
TOTAL	1665	2075	2775	4489	9331	5815	4356	2984	1963	2131	853	608
MEAN	53.7	69.2	89.5	145	333	188	145	96.3	65.4	68.7	27.5	20.3
MAX	115	136	213	385	1670	373	303	376	238	192	91	39
MIN	44	45	66	84	132	150	74	44	32	36	13	12
CFSM	.25	.32	.41	.67	1.54	.86	.67	.44	.30	.32	.13	.09
IN.	.29	.36	.48	.77	1.60	1.00	.75	.51	.34	.37	.15	.10

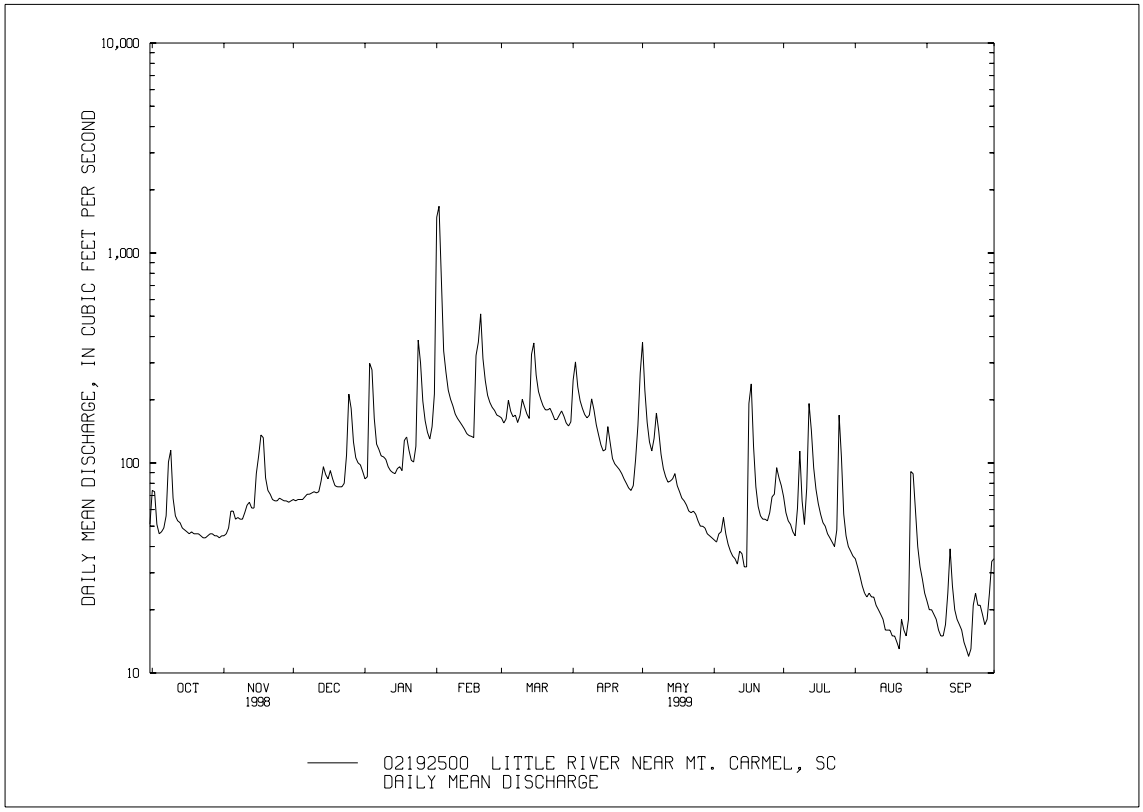
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1999, BY WATER YEAR (WY)

MEAN	103	163	204	314	388	457	297	184	123	137	129	85.0
MAX	556	804	529	767	815	1235	899	471	413	736	1027	384
(WY)	1990	1949	1965	1943	1990	1952	1964	1949	1965	1941	1940	1959
MIN	4.49	27.3	40.3	55.8	85.1	79.8	112	62.8	27.7	8.40	2.22	5.71
(WY)	1955	1955	1956	1956	1989	1988	1988	1941	1988	1988	1988	1954

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1940 - 1999	
ANNUAL TOTAL	109330		39045			
ANNUAL MEAN	300		107		214	
HIGHEST ANNUAL MEAN					456	1964
LOWEST ANNUAL MEAN					51.7	1988
HIGHEST DAILY MEAN	5340	Feb 5	1670	Feb 2	15200	Aug 14 1940
LOWEST DAILY MEAN	36	* Aug 29	12	Sep 19	1.0	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	37	Aug 27	15	Sep 14	1.1	Aug 27 1988
INSTANTANEOUS PEAK FLOW			2310	Feb 1	20800	Aug 14 1940
INSTANTANEOUS PEAK STAGE			10.72	Feb 1	29.60	Aug 14 1940
INSTANTANEOUS LOW FLOW			12	** Sep 19	.70	Oct 9 1954
ANNUAL RUNOFF (CFSM)	1.38		.49		.99	
ANNUAL RUNOFF (INCHES)	18.74		6.69		13.41	
10 PERCENT EXCEEDS	661		195		375	
50 PERCENT EXCEEDS	115		73		108	
90 PERCENT EXCEEDS	45		21		38	

* Also occurred Aug 30, Sep. 2.
** Also occurred Sep. 20.



02192830 BLUE HILL CREEK AT ABBEVILLE, SC

LOCATION.--Lat 34°10'03'', long 82°22'17'', Abbeville County, Hydrologic Unit 03060103, on downstream side of footbridge behind the Milliken waste water treatment facility, 0.3 mi downstream of SC Highway 72, and 1.4 mi upstream of Parker Creek.

DRAINAGE AREA.--3.24 mi^2.

PERIOD OF DAILY RECORD.-- February 1998 to Current year.

GAGE.--Data collection platform. Datum of gage is 475 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.3	1.9	1.6	40	2.1	2.7	2.9	1.5	2.7	1.0	.71
2	1.4	2.0	1.9	9.9	8.3	2.1	2.4	2.1	1.6	2.3	1.0	.63
3	1.5	1.6	2.0	11	4.3	3.7	2.2	2.0	2.0	2.2	1.0	.61
4	1.5	1.3	2.0	2.5	5.0	1.9	2.2	2.0	1.6	2.0	1.0	.65
5	1.6	1.5	2.1	2.6	3.1	1.8	2.0	3.5	1.6	1.9	1.1	.61
6	1.6	1.5	1.9	3.0	2.9	2.1	2.0	3.0	1.5	2.4	1.0	.67
7	2.8	1.4	2.0	2.6	3.1	1.8	2.0	2.2	1.5	2.2	1.0	.63
8	2.9	1.3	2.0	2.9	2.7	1.9	2.5	2.1	1.5	2.4	1.9	.69
9	1.4	1.6	1.9	3.0	2.6	3.4	2.1	1.9	1.5	1.9	2.4	17
10	1.3	1.5	1.9	2.7	2.4	2.0	2.0	2.1	1.5	2.1	1.0	1.3
11	1.3	1.5	1.8	2.7	2.2	1.8	2.2	1.8	1.5	7.0	.90	.83
12	1.3	1.3	1.8	2.6	2.2	1.9	1.9	1.8	1.6	4.0	.87	.95
13	1.3	1.4	2.9	2.6	2.0	1.8	1.8	4.1	1.4	16	.94	.69
14	1.2	3.2	2.0	2.7	1.9	10	1.8	2.1	1.5	1.3	.87	.66
15	1.2	2.7	2.0	3.3	1.9	2.6	2.3	1.9	5.0	1.2	.87	.73
16	1.2	8.2	2.3	2.6	1.9	2.3	1.8	1.7	27	1.3	.83	.79
17	1.2	4.8	1.9	5.9	2.4	2.4	1.8	1.7	3.8	1.3	.81	.77
18	1.3	2.0	1.7	3.6	7.6	2.4	1.7	1.7	2.4	1.3	.83	.80
19	1.2	2.1	1.7	2.6	11	2.3	1.7	1.7	2.4	1.3	.76	.74
20	1.3	2.0	1.8	2.4	3.4	2.3	1.8	1.6	2.4	1.3	1.0	2.6
21	1.3	2.1	1.8	2.5	2.8	2.5	1.7	1.6	2.5	1.3	.86	1.6
22	1.4	1.9	1.9	2.3	2.6	2.2	1.7	7.5	2.5	1.4	.68	1.4
23	1.4	1.9	2.3	6.8	2.6	2.2	1.7	1.9	2.5	1.4	.75	.99
24	1.4	2.0	6.0	4.4	2.6	2.2	1.7	1.7	3.0	2.2	2.4	1.0
25	1.3	2.1	4.0	2.6	2.4	2.5	1.6	1.7	2.5	1.3	.96	.96
26	1.4	2.0	1.9	2.3	2.3	2.5	1.7	1.6	2.4	1.2	.98	.93
27	1.4	3.2	1.7	2.2	2.2	2.2	2.6	1.6	3.1	1.2	.82	1.4
28	1.4	2.0	1.9	2.2	2.3	2.0	2.2	1.5	2.7	1.2	.76	1.1
29	1.4	1.8	1.8	2.1	---	2.1	5.9	1.6	3.8	1.3	.64	1.1
30	1.5	1.9	1.6	5.8	---	2.1	8.6	1.6	2.6	1.2	.67	.96
31	1.3	---	1.6	5.3	---	3.4	---	1.5	---	1.1	.69	---
TOTAL	45.3	65.1	66.0	111.3	130.7	78.5	70.3	67.7	92.4	72.9	31.29	44.50
MEAN	1.46	2.17	2.13	3.59	4.67	2.53	2.34	2.18	3.08	2.35	1.01	1.48
MAX	2.9	8.2	6.0	11	40	10	8.6	7.5	27	16	2.4	17
MIN	1.2	1.3	1.6	1.6	1.9	1.8	1.6	1.5	1.4	1.1	.64	.61
CFSM	.45	.67	.66	1.11	1.44	.78	.72	.67	.95	.73	.31	.46
IN.	.52	.75	.76	1.28	1.50	.90	.81	.78	1.06	.84	.36	.51

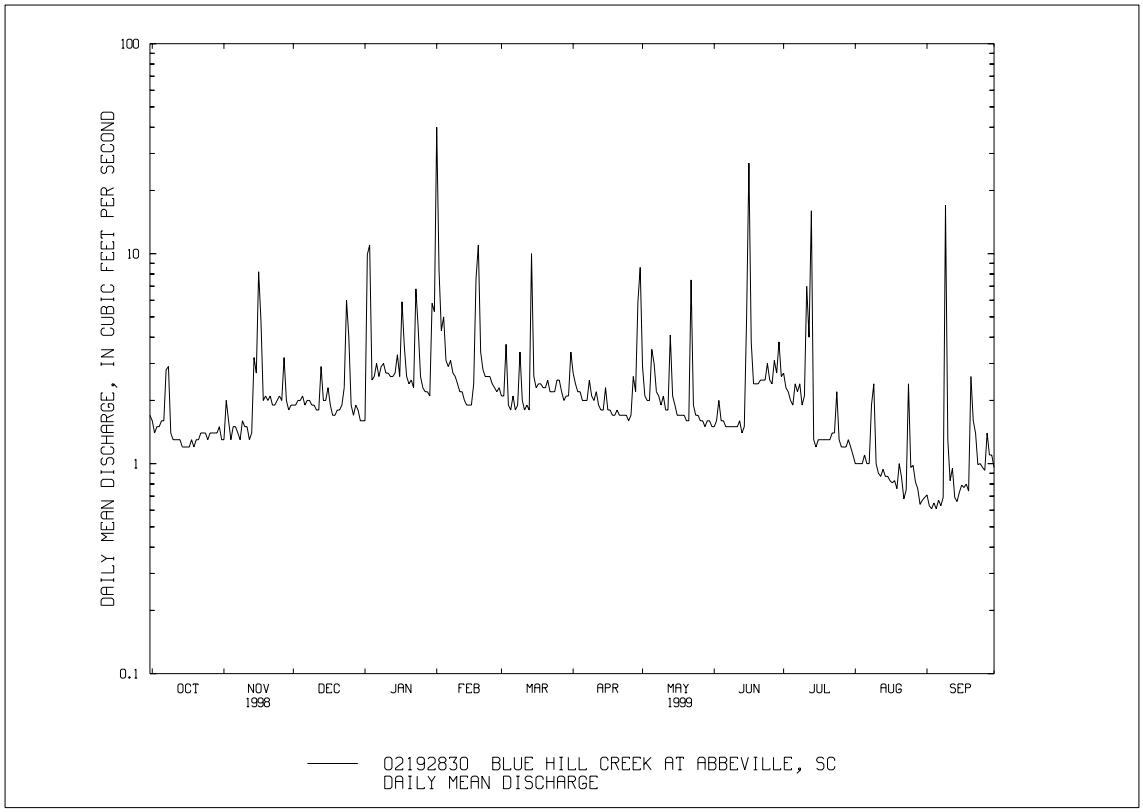
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	1.46	2.17	2.13	3.59	4.67	4.98	6.07	4.09	3.21	2.08	1.25	1.80
MAX	1.46	2.17	2.13	3.59	4.67	7.43	9.79	5.99	3.34	2.35	1.49	2.12
(WY)	1999	1999	1999	1999	1999	1998	1998	1998	1998	1999	1998	1998
MIN	1.46	2.17	2.13	3.59	4.67	2.53	2.34	2.18	3.08	1.81	1.01	1.48
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1998	1999	1999

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR			WATER YEARS 1998 - 1999		
ANNUAL TOTAL	875.99					
ANNUAL MEAN	2.40			2.40		
HIGHEST ANNUAL MEAN				2.40		1999
LOWEST ANNUAL MEAN				2.40		1999
HIGHEST DAILY MEAN	40	Feb	1	82	Mar	8 1998
LOWEST DAILY MEAN	.61 *	Sep	3	.61 *	Sep	3 1999
ANNUAL SEVEN-DAY MINIMUM	.64	Sep	2	.64	Sep	2 1999
INSTANTANEOUS PEAK FLOW	155	Sep	9	294	May	1 1998
INSTANTANEOUS PEAK STAGE	4.43	Sep	9	5.94	May	1 1998
ANNUAL RUNOFF (CFSM)	.74			.74		
ANNUAL RUNOFF (INCHES)	10.06			10.06		
10 PERCENT EXCEEDS	3.3			5.3		
50 PERCENT EXCEEDS	1.9			2.0		
90 PERCENT EXCEEDS	.96			1.1		

* Also occurred Sep. 5, 1999.



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, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi^2, approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Data collection platform. Datum of gage is sea level (levels by U. S. Army Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum. Prior to Dec. 1987, published as Clark Hill Lake near Clarks Hill, SC.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft^3 between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft, Apr. 9, 1964; minimum elevation, 296.48 ft, Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 329.26 ft, Oct. 1; minimum elevation, 322.81 ft, Dec. 28.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	329.19	326.57	324.32	322.98	325.14	327.18	328.32	327.82	326.79	327.22	328.30	325.95
2	329.11	326.52	324.33	322.98	326.02	327.21	328.46	327.72	326.77	327.31	328.36	325.84
3	328.98	326.48	324.27	322.95	326.69	327.36	328.45	327.72	326.78	327.23	328.32	325.73
4	328.87	326.37	324.24	323.09	327.02	327.45	328.41	327.70	326.82	327.15	328.29	325.56
5	328.86	326.29	324.13	323.18	327.28	327.42	328.37	327.76	326.74	327.20	328.24	325.35
6	328.85	326.27	324.02	323.18	327.16	327.43	328.37	327.85	326.60	327.28	328.18	325.16
7	328.98	326.18	324.00	323.20	327.12	327.36	328.35	327.92	326.58	327.35	328.09	325.05
8	329.06	326.12	323.94	323.18	327.13	327.49	328.29	327.87	326.59	327.41	327.95	324.99
9	329.07	326.07	323.89	323.15	327.00	327.51	328.31	327.84	326.57	327.46	327.90	324.94
10	328.97	326.00	323.94	323.06	326.92	327.59	328.24	327.85	326.55	327.40	327.83	324.84
11	328.84	325.97	323.90	323.07	326.88	327.64	328.13	327.89	326.52	327.55	327.78	324.68
12	328.81	325.92	323.73	323.06	326.83	327.60	328.11	327.87	326.41	327.75	327.74	324.47
13	328.74	325.86	323.66	323.07	326.82	327.51	328.14	327.89	326.28	327.86	327.70	324.43
14	328.64	325.85	323.62	323.15	326.77	327.72	328.11	327.84	326.28	327.95	327.61	324.26
15	328.54	325.73	323.53	323.21	326.80	327.97	328.21	327.77	326.47	328.03	327.44	324.17
16	328.51	325.75	323.50	323.10	326.78	328.06	328.18	327.65	326.80	328.02	327.35	324.04
17	328.40	325.78	323.46	323.08	326.83	328.14	328.05	327.60	326.98	327.92	327.28	324.00
18	328.28	325.75	323.40	323.14	326.92	328.20	327.94	327.58	327.06	327.80	327.18	323.85
19	328.30	325.68	323.24	323.15	327.02	328.21	327.88	327.60	326.98	327.90	327.13	323.70
20	328.31	325.61	323.15	323.24	327.01	328.11	327.90	327.55	326.86	327.96	327.10	323.75
21	328.22	325.45	323.13	323.25	326.98	328.06	327.88	327.52	326.87	328.07	326.89	323.73
22	328.16	325.30	323.13	323.23	327.08	328.09	327.89	327.42	326.85	328.12	326.73	323.59
23	328.20	325.22	323.06	323.31	327.15	328.12	327.92	327.29	326.87	328.16	326.73	323.46
24	328.04	325.11	323.07	323.42	327.22	328.19	327.76	327.29	326.88	328.05	326.57	323.35
25	327.92	324.95	323.06	323.65	327.22	328.29	327.68	327.21	326.92	327.95	326.51	323.19
26	327.45	324.84	322.99	323.68	327.20	328.33	327.67	327.20	326.86	327.95	326.53	323.08
27	327.00	324.73	322.89	323.75	327.11	328.23	327.69	327.18	326.80	327.97	326.54	323.29
28	326.93	324.58	322.95	323.83	327.10	328.13	327.79	327.09	326.87	328.09	326.40	323.43
29	326.88	324.44	322.93	323.87	---	328.23	327.87	327.00	327.00	328.21	326.29	323.54
30	326.84	324.38	322.93	323.91	---	328.22	327.89	326.89	327.09	328.26	326.16	323.53
31	326.71	---	322.95	324.00	---	328.22	---	326.83	---	328.23	326.06	---
MAX	329.19	326.57	324.33	324.00	327.28	328.33	328.46	327.92	327.09	328.26	328.36	325.95
MIN	326.71	324.38	322.89	322.95	325.14	327.18	327.67	326.83	326.28	327.15	326.06	323.08
(+)	48.34	41.50	37.77	40.51	49.53	52.94	51.94	48.70	49.50	52.97	46.36	39.28
(*)	-2856	-2639	-1393	+1023	+3729	+1273	-386	-1210	+309	+1296	-2468	-2731

CAL YR 1998 * -637 MAX 335.53 MIN 322.89
WTR YR 1999 * -530 MAX 329.19 MIN 322.89

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°11'48'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in powerhouse visitors lobby in the observers room at the Strom Thurmond Dam on the Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi^2, approximately.

PERIOD OF RECORD.--October 1987 to current year. Data prior to October 1987 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 186.17 ft above sea level (levels by U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.06 ft, Feb. 7, 1998; minimum gage height, 2.10 ft, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.32 ft, Oct. 27; minimum gage height, 2.79 ft, Jan. 23.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.80	4.15	6.64	9.41	4.02	5.47	9.17	4.70	6.34	7.86	3.88	5.36
2	9.10	4.04	6.27	9.69	4.41	6.13	9.08	4.80	6.11	8.48	3.90	5.54
3	9.40	3.89	5.77	9.69	4.48	6.50	8.96	4.70	6.12	8.13	4.29	5.89
4	8.65	3.84	5.72	9.70	4.71	6.69	8.72	4.64	6.18	9.76	5.09	6.69
5	9.18	3.59	5.68	9.73	4.78	6.66	9.44	3.94	5.58	9.75	5.26	6.72
6	9.82	3.90	6.07	9.31	4.96	6.65	9.30	4.35	5.70	9.42	4.46	6.21
7	9.84	4.07	6.28	8.78	5.14	6.25	9.07	4.73	6.21	9.55	4.40	6.02
8	9.27	4.34	6.27	8.51	5.02	6.09	9.02	4.78	6.43	8.59	4.67	6.10
9	9.81	4.32	6.48	9.50	4.84	6.83	8.75	4.99	6.35	8.60	4.28	5.67
10	8.77	5.09	6.39	9.31	4.98	6.41	9.38	4.98	6.25	8.63	4.66	6.07
11	8.93	4.13	5.69	9.42	4.80	6.46	8.73	4.74	6.15	9.22	4.49	5.99
12	9.67	3.53	5.90	9.17	4.79	6.23	8.97	4.72	6.32	8.92	4.43	5.96
13	9.69	3.19	5.87	9.66	4.77	6.58	8.40	4.76	6.15	9.03	4.65	6.32
14	9.97	4.28	6.55	9.29	4.40	6.19	9.47	5.07	6.41	9.25	4.90	6.27
15	9.87	4.53	6.70	8.63	4.67	6.11	9.53	4.55	6.80	8.40	4.81	6.02
16	8.98	4.57	6.22	9.60	4.82	6.42	9.74	5.34	6.81	7.72	4.67	5.77
17	8.41	4.64	5.84	9.84	4.84	6.85	9.59	4.79	6.37	8.59	4.80	6.42
18	9.03	4.47	5.75	9.55	5.38	6.90	9.83	4.86	6.53	9.51	5.55	6.74
19	9.08	4.00	5.90	10.07	5.03	6.76	9.38	4.48	6.51	8.92	4.62	6.27
20	9.45	4.30	6.32	10.02	5.50	7.06	7.86	4.92	6.04	9.15	4.88	6.41
21	10.21	5.17	7.34	9.21	4.60	5.94	9.57	4.85	6.29	9.46	4.94	6.63
22	9.73	5.47	7.13	9.23	4.95	6.30	9.02	4.47	5.93	9.58	4.77	6.28
23	9.11	6.22	7.11	9.65	4.88	7.06	9.56	4.52	6.18	9.17	2.79	4.88
24	9.00	6.19	7.47	9.36	5.38	7.20	8.66	5.13	6.37	9.85	4.91	6.40
25	10.19	5.71	7.08	9.34	5.01	6.93	9.11	4.38	5.63	9.58	5.85	7.13
26	11.25	7.26	10.78	8.63	4.12	5.46	7.44	4.33	5.47	9.27	4.96	6.29
27	11.32	11.19	11.24	8.96	4.29	5.43	7.39	4.38	5.65	8.89	4.60	6.01
28	11.29	5.16	7.59	8.21	4.69	6.15	8.29	4.62	5.95	8.92	4.42	5.85
29	9.07	3.26	5.19	8.29	4.64	6.02	8.41	4.39	6.03	9.03	4.59	6.06
30	9.40	4.04	5.70	8.91	4.66	6.14	9.40	3.60	5.17	9.07	4.33	6.01
31	7.80	4.28	5.64	---	---	---	9.62	4.69	5.96	7.76	4.57	5.63
MONTH	11.32	3.19	6.60	10.07	4.02	6.40	9.83	3.60	6.13	9.85	2.79	6.12

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.28	4.66	6.54	9.04	4.11	5.49	7.61	4.63	5.97	8.13	3.70	5.48
2	10.78	6.04	7.72	6.66	5.50	6.12	8.83	5.09	6.00	8.20	4.94	5.95
3	9.44	4.73	6.43	6.71	5.92	6.41	8.90	4.05	5.83	7.62	4.15	5.80
4	8.43	4.09	5.31	5.93	5.41	5.69	8.48	4.19	5.80	7.55	4.22	5.83
5	8.83	3.94	5.94	6.09	5.09	5.38	9.30	4.75	6.19	7.74	4.14	5.69
6	9.17	4.03	6.08	6.68	4.81	5.81	8.92	4.72	6.06	7.84	3.79	5.29
7	7.44	3.91	5.77	6.58	4.94	5.87	9.35	4.49	6.28	8.00	3.77	5.49
8	10.55	4.23	7.90	9.22	5.07	6.32	9.13	4.55	6.70	8.26	3.98	5.81
9	10.43	5.15	8.23	8.60	3.95	5.48	7.93	4.45	5.88	7.91	3.70	5.48
10	9.94	5.41	7.85	7.78	4.04	5.35	8.96	4.00	5.96	7.88	3.44	5.37
11	9.71	4.91	7.33	8.58	4.40	5.80	9.19	3.77	6.31	7.95	3.62	5.51
12	10.03	4.90	7.40	9.25	4.73	6.18	8.65	4.32	6.06	7.85	3.56	5.37
13	8.58	5.14	6.39	8.90	4.90	6.11	8.11	5.38	6.19	7.80	3.36	5.20
14	9.92	4.69	6.82	8.08	4.64	5.98	9.00	4.62	5.81	7.51	3.10	5.03
15	9.40	4.42	6.13	9.98	5.90	7.45	8.70	3.92	5.82	7.71	3.53	5.17
16	8.95	3.54	5.77	9.65	4.50	6.36	6.99	3.80	5.18	7.86	3.34	5.12
17	9.04	4.02	5.64	8.31	3.04	4.56	9.02	3.09	5.04	7.72	3.49	5.72
18	9.00	3.78	5.49	8.52	3.56	5.65	8.61	4.52	5.85	8.07	3.82	5.60
19	8.97	3.73	4.96	9.17	4.20	5.67	7.95	5.05	6.38	7.89	4.07	5.62
20	8.69	3.13	4.90	8.82	3.99	5.85	7.33	4.59	5.92	8.09	4.33	5.71
21	9.16	3.32	5.05	9.15	4.70	6.15	7.44	4.39	5.74	7.79	4.29	5.80
22	9.20	4.57	6.28	9.43	5.22	6.46	8.06	3.98	5.65	8.07	2.96	5.46
23	9.29	4.15	5.85	9.63	4.98	6.41	8.61	4.18	5.95	8.31	3.84	5.80
24	9.26	3.86	5.68	8.80	4.37	5.97	9.30	4.20	6.05	7.69	4.48	5.68
25	8.28	3.72	4.93	8.83	4.55	5.93	9.67	3.84	5.51	8.16	3.86	5.88
26	7.13	3.07	4.73	9.30	4.71	6.23	8.06	3.61	5.56	7.75	3.98	5.77
27	8.56	3.95	5.63	9.35	5.01	6.55	8.07	3.84	5.61	7.69	4.20	5.58
28	8.05	3.83	5.22	9.00	4.54	6.18	8.42	4.28	6.24	8.35	4.26	6.14
29	---	---	---	8.27	4.69	5.87	7.99	3.89	5.58	7.96	4.58	5.94
30	---	---	---	8.39	4.89	6.18	7.85	4.52	5.71	7.62	4.01	5.57
31	---	---	---	7.21	4.79	5.88	---	---	---	7.10	3.95	5.31
MONTH	10.78	3.07	6.14	9.98	3.04	5.98	9.67	3.09	5.89	8.35	2.96	5.59

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.90	3.38	5.42	8.71	4.14	5.78	8.44	3.84	5.70	9.43	3.03	6.20
2	7.83	3.94	5.74	8.57	3.71	5.65	8.45	3.73	5.45	9.72	3.50	6.74
3	7.84	3.90	5.72	7.98	4.20	5.62	8.21	3.60	5.44	9.72	4.16	7.00
4	8.16	3.99	5.74	8.21	3.86	5.62	8.65	3.42	5.30	9.40	3.83	6.34
5	7.96	3.76	5.59	8.56	3.96	5.63	8.89	3.26	5.26	8.96	4.19	6.60
6	8.08	4.28	5.77	8.11	3.94	5.77	8.71	3.58	5.27	9.29	3.49	6.58
7	7.95	3.64	5.41	7.87	4.08	5.57	8.54	3.03	5.13	9.84	3.95	6.94
8	7.76	3.13	5.19	7.82	3.88	5.47	9.01	3.37	5.60	9.85	4.01	7.07
9	8.08	3.54	5.47	8.08	3.76	5.49	9.20	3.53	5.94	9.80	4.23	6.98
10	7.98	3.68	5.52	8.50	3.73	5.61	9.33	3.66	6.17	9.55	4.64	6.40
11	8.02	3.95	5.50	8.50	3.48	5.38	9.45	3.68	6.25	9.23	3.14	5.37
12	7.15	4.04	5.52	8.32	4.11	5.64	9.41	3.62	6.21	9.93	3.22	5.75
13	7.79	3.76	5.57	7.93	4.73	5.91	8.90	3.46	5.98	8.13	3.30	5.55
14	8.12	3.78	5.54	7.95	4.29	5.71	8.64	3.82	5.99	9.34	3.57	6.00
15	8.13	4.31	5.94	8.65	4.02	5.85	8.54	3.76	5.97	9.37	3.99	5.81
16	8.43	4.54	6.17	7.91	3.96	5.62	9.56	4.30	6.87	8.99	3.82	5.66
17	8.05	3.85	5.70	7.78	3.58	5.50	9.83	4.30	7.19	8.93	3.83	5.48
18	7.84	3.37	5.23	7.86	3.70	5.47	9.76	4.39	7.16	7.20	3.58	5.20
19	7.53	3.75	5.47	7.75	3.77	5.44	8.70	4.23	6.56	8.01	3.56	5.32
20	8.04	3.74	5.53	7.72	3.72	5.30	9.53	4.21	6.82	9.42	3.49	5.69
21	7.64	3.88	5.55	8.60	3.65	5.45	8.97	3.75	6.02	9.17	4.32	5.94
22	7.82	3.80	5.51	9.26	3.91	6.19	8.89	3.52	5.64	7.87	3.90	5.55
23	7.77	3.74	5.48	8.69	4.08	6.18	9.71	3.87	6.54	9.19	3.57	5.54
24	7.58	3.66	5.47	8.91	4.05	6.18	9.75	3.80	6.68	9.18	3.62	5.54
25	7.47	3.74	5.41	8.20	4.18	5.80	9.68	3.88	6.65	9.06	3.32	5.56
26	8.00	3.83	5.49	8.56	3.66	6.06	9.78	3.88	6.77	9.57	3.23	5.43
27	8.22	3.54	5.39	8.96	3.92	6.29	9.53	4.01	6.50	8.43	3.76	5.64
28	7.68	3.94	5.49	8.92	4.38	6.01	9.09	4.03	6.18	9.45	3.64	5.78
29	8.00	4.16	5.75	8.76	4.18	5.89	9.10	3.85	5.93	7.50	3.55	5.19
30	8.11	4.10	5.79	8.90	3.90	5.66	9.41	3.72	6.54	8.10	3.87	5.27
31	---	---	---	8.79	3.92	5.68	9.05	3.36	6.09	---	---	---
MONTH	8.43	3.13	5.57	9.26	3.48	5.72	9.83	3.03	6.12	9.93	3.03	5.94
YEAR	11.32	2.79	6.02									

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 15 ft upstream of bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 mi^2.

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to September 1978, November 1983 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Data collection platform. Datum of gage is 196.34 ft above sea level (levels by Southeastern Power Administration). Prior to September 6, 1999, at present site at datum 1.00 ft higher. October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	17	25	45	2840	128	291	485	19	63	9.2	7.2
2	24	17	26	44	5760	124	504	366	17	74	10	6.7
3	23	21	26	215	1500	121	334	191	18	102	8.4	6.2
4	23	19	26	423	615	153	244	127	19	59	7.6	5.8
5	20	21	27	201	485	190	204	101	22	40	7.1	5.4
6	17	27	27	121	352	157	177	95	26	32	7.1	4.8
7	18	26	28	92	284	141	158	536	24	173	7.1	4.5
8	678	24	29	81	250	131	151	281	20	88	7.1	4.3
9	365	21	30	77	220	129	467	160	17	50	7.1	3.9
10	142	20	28	72	199	170	312	109	16	34	7.0	3.7
11	75	20	30	67	180	205	218	86	14	40	6.7	3.3
12	53	21	31	63	160	172	174	72	13	693	6.7	3.9
13	40	23	35	58	142	144	140	64	42	230	6.3	4.3
14	34	22	50	55	127	1300	121	64	47	218	6.3	4.2
15	30	27	60	68	117	2120	113	71	56	144	6.1	4.2
16	27	39	63	105	113	711	110	65	329	90	7.4	4.4
17	24	62	54	258	109	406	104	61	849	64	6.8	4.4
18	23	73	59	1290	130	305	97	54	313	50	7.2	4.4
19	24	68	55	466	200	246	88	49	137	40	6.6	4.1
20	22	46	46	247	460	205	82	44	79	33	6.1	6.1
21	21	37	40	174	347	184	79	40	55	31	5.9	8.1
22	19	31	43	141	237	187	75	38	43	28	5.7	10
23	19	28	42	178	187	199	72	37	37	23	5.6	10
24	18	28	45	1480	161	170	68	36	32	20	5.7	8.1
25	17	27	66	1150	149	164	63	32	33	20	5.5	7.3
26	17	27	130	427	141	201	60	33	33	26	5.9	6.6
27	18	27	107	273	132	245	58	30	50	29	88	8.1
28	20	27	79	211	128	216	64	27	51	20	33	11
29	21	27	63	177	---	184	68	26	50	16	17	17
30	18	26	54	156	---	165	128	24	49	12	10	13
31	18	---	48	293	---	161	---	22	---	10	8.0	---
TOTAL	1889	899	1472	8708	15725	9334	4824	3426	2510	2552	334.2	195.0
MEAN	60.9	30.0	47.5	281	562	301	161	111	83.7	82.3	10.8	6.50
MAX	678	73	130	1480	5760	2120	504	536	849	693	88	17
MIN	17	17	25	44	109	121	58	22	13	10	5.5	3.3
CFSM	.11	.05	.09	.52	1.03	.55	.30	.20	.15	.15	.02	.01
IN.	.13	.06	.10	.59	1.07	.64	.33	.23	.17	.17	.02	.01

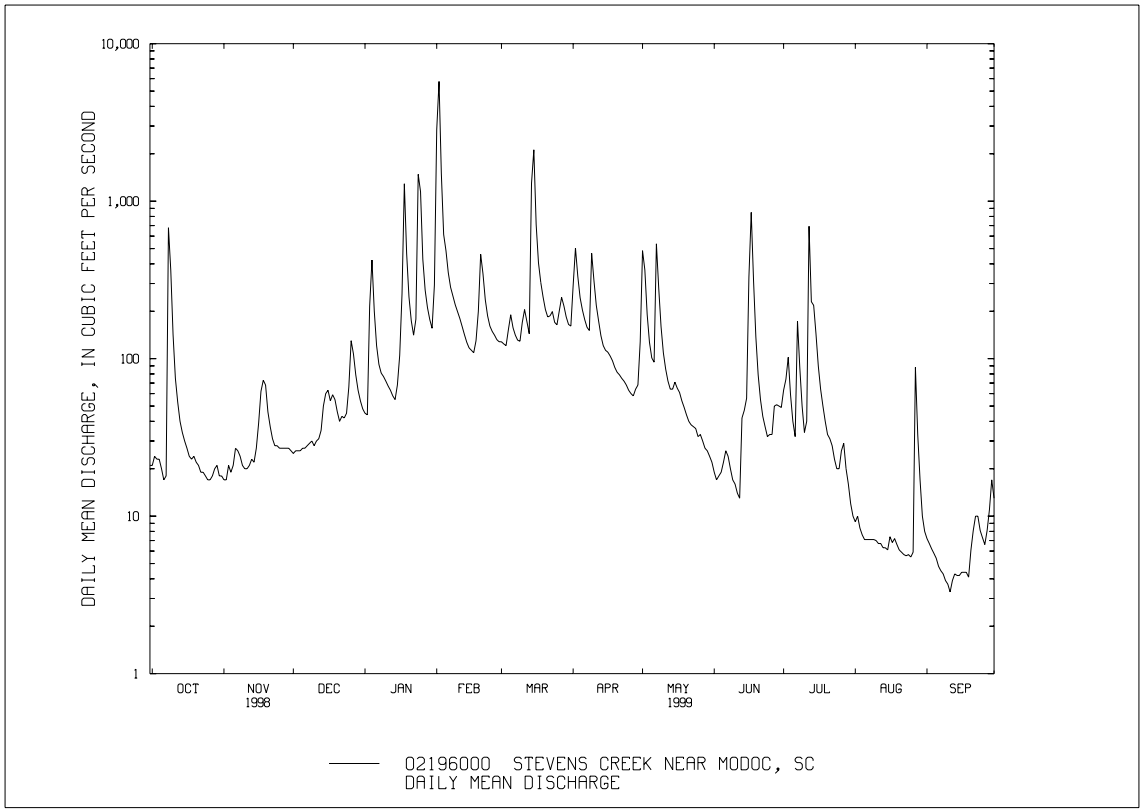
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

MEAN	201	238	393	761	887	1038	613	281	195	185	188	94.4
MAX	2039	1486	1703	2263	2623	2935	2514	1016	1576	1061	2311	486
(WY)	1991	1993	1965	1960	1960	1944	1969	1964	1973	1989	1940	1959
MIN	.000	1.29	15.1	24.9	157	171	102	35.9	16.0	17.7	10.8	1.05
(WY)	1955	1955	1955	1956	1957	1985	1986	1941	1956	1990	1999	1954

02196000 STEVENS CREEK NEAR MODOC, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	198680.2		51868.2			
ANNUAL MEAN	544		142		415	
HIGHEST ANNUAL MEAN					959	1964
LOWEST ANNUAL MEAN					119	1988
HIGHEST DAILY MEAN	16300	Mar 9	5760	Feb 2	31700	Aug 14 1940
LOWEST DAILY MEAN	7.1	Sep 1	3.3	Sep 11	.00 *	Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	8.2	Aug 27	3.9	Sep 9	.00	Sep 24 1954
INSTANTANEOUS PEAK FLOW			7640	Feb 2	35100	Aug 14 1940
INSTANTANEOUS PEAK STAGE			20.98	Feb 2	41.08	Aug 14 1940
ANNUAL RUNOFF (CFSM)	1.00		.26		.76	
ANNUAL RUNOFF (INCHES)	13.56		3.54		10.34	
10 PERCENT EXCEEDS	951		276		820	
50 PERCENT EXCEEDS	72		49		108	
90 PERCENT EXCEEDS	18		7.1		16	

* Also occurred many days in Sep., Oct., Nov., 1954.



02196483 SAVANNAH RIVER AT STEVENS CREEK DAM NEAR MORGANA, SC

LOCATION.--Lat 33°33'46'', long 82°03'04'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, on upstream side of Stevens Creek Dam, about 3.2 mi south of Morgana, and at mile 208.1.

DRAINAGE AREA.--7,150 mi^2.

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

GAGE.--Data collection platform. Datum of gage is 114.40 ft above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 76.14 ft, Jan. 23, 1993, but may have been higher during the period of no gage height record, Oct. 11-15, 1990; minimum, 67.23 ft, Apr. 12, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 73.83 ft, Feb. 2; minimum, 68.39 ft, May 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.84	70.11	70.76	70.14	71.18	70.44	70.86	---	70.12	70.59	70.46	70.04
2	70.48	70.56	70.75	70.29	72.66	71.49	71.03	---	70.56	70.37	70.19	70.51
3	70.40	70.62	70.79	70.68	70.91	71.68	70.62	---	70.56	70.59	70.11	70.82
4	70.35	70.73	70.83	71.44	70.17	70.77	70.62	---	70.58	70.45	69.97	70.62
5	70.03	70.72	70.21	71.59	70.43	70.38	70.58	70.56	70.44	70.32	69.84	70.88
6	70.31	70.92	70.45	70.94	70.46	70.74	70.63	70.17	70.66	70.44	69.95	70.42
7	70.58	71.08	70.76	70.92	70.25	70.90	70.78	70.37	70.18	70.48	69.82	70.72
8	70.78	70.94	70.92	70.98	71.01	71.07	70.90	70.67	69.89	70.31	70.24	70.82
9	70.98	71.17	70.99	70.47	71.73	69.88	70.75	70.29	70.18	70.22	70.21	71.05
10	71.13	70.99	70.92	70.74	71.52	70.01	70.63	70.13	70.35	70.33	70.29	70.60
11	70.31	70.86	70.84	70.52	70.98	70.69	70.63	70.29	70.42	70.23	70.33	69.84
12	70.18	70.73	70.94	70.80	70.94	71.05	70.72	70.11	70.47	70.58	70.37	70.01
13	70.02	71.01	70.86	71.24	70.77	71.05	71.28	70.02	70.39	71.01	70.32	70.03
14	70.53	70.60	71.02	71.15	71.07	70.97	70.43	69.77	70.46	70.67	70.42	70.02
15	70.82	70.57	71.04	71.10	70.37	72.24	70.32	70.13	70.96	70.61	70.46	70.47
16	70.87	70.91	71.27	70.72	70.09	71.08	70.00	70.00	71.08	70.47	70.93	70.37
17	70.74	71.40	70.81	71.25	70.30	69.11	69.67	70.29	70.42	70.19	70.99	70.27
18	70.62	71.34	71.08	71.63	70.21	70.39	70.59	70.34	70.04	70.22	71.05	70.05
19	70.62	71.24	71.02	71.18	69.51	70.53	---	70.54	70.37	70.17	70.77	70.18
20	71.06	71.53	70.92	71.38	69.53	70.62	---	70.66	70.37	70.12	70.86	70.11
21	71.75	70.64	71.00	71.48	69.70	71.04	---	70.75	70.39	70.16	70.53	70.72
22	71.90	71.16	70.60	71.05	70.74	71.26	---	69.96	70.33	70.57	70.26	70.35
23	72.25	71.24	70.69	69.38	70.01	71.12	70.45	70.46	70.30	70.56	70.66	70.12
24	72.55	71.41	71.29	71.32	69.79	70.47	70.69	70.72	70.24	70.87	70.56	70.18
25	71.98	71.05	70.35	72.07	69.51	70.67	70.16	70.56	70.21	70.70	70.58	70.11
26	73.54	70.19	70.31	71.22	69.61	70.88	70.22	70.62	70.33	70.25	70.72	69.98
27	73.71	70.17	70.50	70.92	70.44	71.36	70.32	70.70	70.19	70.58	70.62	70.18
28	71.60	70.83	70.81	70.76	69.96	70.91	70.68	70.88	70.27	70.87	70.73	70.19
29	69.61	70.69	---	71.02	---	70.83	---	71.03	70.67	70.67	70.60	70.05
30	70.34	70.62	---	70.80	---	70.95	---	70.57	70.65	70.43	70.62	70.32
31	70.44	---	70.81	70.45	---	70.85	---	70.35	---	70.44	70.16	---
MAX	73.71	71.53	71.29	72.07	72.66	72.24	71.28	71.03	71.08	71.01	71.05	71.05
MIN	69.61	70.11	70.21	69.38	69.51	69.11	69.67	69.77	69.89	70.12	69.82	69.84

021964831 SAVANNAH RIVER BELOW STEVENS CREEK DAM NEAR MORGANA, SC

LOCATION.--Lat 33°33'46'', long 82°03'02'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, on downstream end of lock, 200 ft below Stevens Creek Dam, about 3.2 mi south of Morgana, and at mile 208.

DRAINAGE AREA.--7,150 mi^2.

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

GAGE.--Data collection platform. Datum of gage is 114.42 ft above sea level. Prior to May 24, 1989, at site 200 ft upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 49.61 ft, Oct. 12, 1990; minimum, 40.75 ft, Nov. 16, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 46.24 ft, Feb. 2; minimum, 41.50 ft, May 3.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.19	43.80	44.09	43.63	44.28	43.47	43.64	---	43.55	43.95	43.89	44.48
2	44.15	43.91	43.93	43.54	45.19	43.28	43.77	---	43.63	43.93	43.97	44.71
3	43.74	44.21	43.84	43.61	44.65	43.94	43.71	---	43.64	43.82	44.02	44.84
4	43.73	44.31	43.85	43.78	43.79	43.90	43.72	---	43.64	43.86	44.03	44.53
5	43.83	44.30	43.77	44.05	43.69	43.53	43.95	43.67	43.56	43.97	43.99	44.63
6	43.90	44.20	43.73	43.84	43.97	43.50	43.87	43.64	43.63	43.98	43.99	44.79
7	44.03	43.96	43.91	43.59	43.83	43.56	43.89	43.57	43.70	43.99	43.84	44.78
8	44.02	43.90	44.01	43.61	44.38	43.94	44.10	43.74	43.57	43.94	43.89	44.88
9	43.94	44.12	43.99	43.69	44.58	43.85	43.95	43.68	43.56	43.95	44.24	44.68
10	44.02	44.04	43.94	43.89	44.58	43.64	43.70	43.54	43.50	43.91	44.45	44.81
11	43.89	44.15	43.85	43.94	44.54	43.50	43.88	43.50	43.48	43.80	44.47	44.24
12	43.92	44.01	43.88	43.64	44.49	43.58	43.81	43.55	43.56	44.00	44.47	44.27
13	43.95	44.11	43.92	43.61	44.14	43.67	43.83	43.49	43.61	43.95	44.28	44.33
14	44.12	44.08	43.98	43.86	44.19	43.64	43.80	43.44	43.46	43.95	44.31	44.36
15	44.26	44.06	44.07	43.71	44.16	44.41	43.84	43.26	43.57	44.05	44.24	44.30
16	44.02	44.07	44.14	43.63	43.79	44.42	43.67	43.36	43.90	44.07	44.57	44.15
17	43.73	43.87	44.04	43.66	43.77	43.78	43.37	43.66	44.22	44.04	44.79	44.07
18	43.64	44.18	44.02	44.19	43.63	43.67	43.52	43.65	43.75	44.01	44.79	44.01
19	43.62	44.07	43.89	43.92	43.84	43.67	---	43.46	43.68	44.04	44.60	44.06
20	43.55	44.23	43.77	43.74	43.35	43.54	---	43.42	43.66	43.98	44.63	44.25
21	43.90	43.95	43.90	43.82	43.56	43.53	---	43.44	43.70	43.87	44.39	44.27
22	43.94	43.81	43.86	44.02	43.79	43.87	---	43.74	43.75	44.18	44.09	44.22
23	43.70	44.20	43.83	43.65	44.11	43.93	---	43.66	43.74	44.31	44.32	44.23
24	43.64	44.44	44.01	43.76	43.95	43.86	43.69	---	43.73	44.07	44.67	44.14
25	43.77	44.42	43.86	44.34	43.81	43.80	43.71	---	43.70	44.01	44.61	44.27
26	45.11	44.00	43.79	43.97	43.26	43.82	43.58	43.63	43.71	44.31	44.62	44.27
27	45.53	43.79	43.78	43.72	43.40	43.74	43.58	43.21	43.71	44.40	44.64	44.46
28	44.85	44.00	43.73	43.66	43.47	43.72	43.80	43.59	43.83	44.00	44.36	44.56
29	43.97	44.03	43.72	43.62	---	43.65	---	43.56	43.78	44.02	44.27	44.22
30	43.70	44.06	43.64	43.71	---	43.76	---	43.46	43.84	43.96	44.54	43.88
31	43.83	---	43.77	43.86	---	43.76	---	43.44	---	43.94	44.73	---
MAX	45.53	44.44	44.14	44.34	45.19	44.42	44.10	43.74	44.22	44.40	44.79	44.88
MIN	43.55	43.79	43.64	43.54	43.26	43.28	43.37	43.21	43.46	43.80	43.84	43.88

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 Augusta City Lock and Dam, 1.0 mi downstream from Stevens Creek Dam, and at mile 207.

DRAINAGE AREA.--7,150 mi^2, approximately.

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

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

GAGE.--Data collection platform. Elevation of gage is 150 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, and those below 5,000 ft^3/s, which are poor. Flow regulated by Thurmond Lake (see sta 02194500) and by other powerplants above station. Flow diverted above station to the Augusta Canal by City of Augusta for municipal supply.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4270	2220	3750	2220	7230	2210	3110	2130	2130	3780	e2260	4470
2	4110	2500	2780	1960	14900	2040	3840	1990	2280	3080	2370	5800
3	2220	3800	2450	2120	9770	4470	3220	e2360	2290	2660	2430	6630
4	2140	4820	2520	2760	3400	3710	3610	2870	2280	3750	2370	4610
5	2360	5260	2400	3880	3420	2100	4600	2740	2100	3940	2220	5380
6	2930	4610	2230	2700	4910	1930	3310	2840	2260	3490	2180	6290
7	3650	3300	2710	1990	3950	2100	3940	2460	2200	3750	e1990	5860
8	3270	3230	3120	2220	8000	3920	e5170	3740	1780	3070	1980	6250
9	2460	3530	3070	2600	9700	3200	e3900	3170	1760	2770	2810	4610
10	2900	3060	2850	3470	9660	2280	2800	2150	1610	2620	4110	5060
11	2560	3460	2660	3370	8520	1970	3610	1800	1580	2530	3620	2840
12	2790	2830	2980	2180	7830	2150	3580	1910	1730	3170	3430	2810
13	2810	3300	3280	2270	4960	2380	3720	1800	1830	2590	2830	2690
14	3430	3330	2950	3340	6170	2790	3510	1730	1700	2600	2660	2420
15	4460	3900	3420	2700	5640	8010	3360	1530	2050	2740	2660	2510
16	2770	3900	3910	2220	3460	8050	2400	1660	3150	3170	4410	1870
17	1820	e3350	3620	2600	3070	3380	1770	2210	5130	e3070	5450	1710
18	1720	3800	3690	5720	2590	3050	1960	2150	2910	2810	5550	1990
19	1730	3470	2630	3780	3700	2920	2600	1760	2420	2670	3940	2450
20	1620	4210	2360	2910	e1790	2490	2560	e1660	2260	2420	4190	2580
21	2550	2930	3730	3250	2450	2480	2430	1800	2370	2060	3310	2520
22	2610	2570	3370	4570	3220	4780	2390	2370	2440	2800	2190	2000
23	1880	4630	3040	e3270	4810	5080	2280	2080	2420	3070	2930	1940
24	2010	6590	4510	3810	3960	4360	2310	1860	2240	2270	4460	1830
25	2390	6420	3740	6850	3390	4030	2310	2050	1900	e2340	4250	2750
26	13600	4150	3420	3710	e1770	4010	2040	2050	1940	2950	3870	3100
27	17000	3300	3400	2490	1830	3800	2030	e1780	2390	3240	3590	4500
28	9280	4500	2540	2310	1910	3660	e2560	1980	3040	2030	3050	4690
29	2960	4390	2340	2530	---	3200	2580	1910	2590	2090	3350	3190
30	2080	3920	2270	2940	---	3770	2440	1680	3030	2020	4880	2160
31	2310	---	2700	3950	---	3480	---	1880	---	1920	5840	---
TOTAL	114690	115280	94440	96690	146010	107800	89940	66100	69810	87470	105180	107510
MEAN	3700	3843	3046	3119	5215	3477	2998	2132	2327	2822	3393	3584
MAX	17000	6590	4510	6850	14900	8050	5170	3740	5130	3940	5840	6630
MIN	1620	2220	2230	1960	1770	1930	1770	1530	1580	1920	1980	1710
CFSM	.52	.54	.43	.44	.73	.49	.42	.30	.33	.39	.47	.50
IN.	.60	.60	.49	.50	.76	.56	.47	.34	.36	.46	.55	.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1999, BY WATER YEAR (WY)

MEAN	6287	6276	8940	9547	13180	13620	8454	7041	4567	4972	6157	4660
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	2535	2438	1886	1440	2652	1990	1847	2822	2689	2406
(WY)	1994	1989	1989	1989	1989	1989	1989	1989	1989	1999	1989	1997

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1989 - 1999	
ANNUAL TOTAL	4301640		1200920			
ANNUAL MEAN	11790		3290		7787	
HIGHEST ANNUAL MEAN					13960	1993
LOWEST ANNUAL MEAN					2612	1989
HIGHEST DAILY MEAN	37500	Feb 7	17000	Oct 27	39000	Jan 13 1993
LOWEST DAILY MEAN	1620	Oct 20	1530	May 15	65	Mar 18 1989
ANNUAL SEVEN-DAY MINIMUM	1990	Oct 17	1710	Jun 8	103	Mar 16 1989
INSTANTANEOUS PEAK FLOW			25400	Feb 2	54200	Oct 12 1990
INSTANTANEOUS PEAK STAGE			10.78	Feb 2	12.57	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.65		.46		1.09	
ANNUAL RUNOFF (INCHES)	22.38		6.25		14.80	
10 PERCENT EXCEEDS	27400		4840		19900	
50 PERCENT EXCEEDS	5600		2830		4990	
90 PERCENT EXCEEDS	2800		1930		1890	

e Estimated

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA

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

DRAINAGE AREA.--Indeterminate.

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

GAGE.--Data collection platform. Datum of gage is 148.92 ft above sea level.

REMARKS.--No estimated daily discharges. Records fair. 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 (sta 02196500) is used in conjunction with this station for computation of discharge.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2940	2980	2860	2690	2640	2710	2050	2760	2550	1990	2920	2420
2	2910	3010	2980	2770	2660	2680	2060	2930	2600	2400	2500	2370
3	2940	3070	3030	2780	2690	2370	2240	2480	2600	2290	2520	2410
4	3000	2860	3010	2770	2770	2280	2020	2310	2600	1620	2610	2340
5	3000	2580	2820	2820	2780	2070	2310	2360	2580	1820	2670	2270
6	2770	2550	2880	2800	2770	2070	2740	2200	2580	2120	2660	2320
7	2610	2510	3040	2790	2820	2580	2470	2340	2860	1950	2610	2510
8	2840	2360	2970	2630	2800	2660	2710	1990	3000	2210	2640	2650
9	3200	2930	2960	2410	2790	2610	2670	2070	3020	2460	2720	2750
10	3070	3040	2930	2460	2630	2460	2670	2620	3050	2480	2590	2970
11	2890	3090	2800	2620	2410	2470	2690	2960	3050	2410	2830	2550
12	2830	3040	2640	2710	2460	2400	2410	2970	3010	2280	2960	2530
13	2880	3060	2540	2580	2620	2650	2390	2920	2970	2450	2920	2810
14	3050	2900	2980	2470	2710	2510	2380	2920	2760	2440	2940	3060
15	2970	2500	3000	2370	2580	2380	2590	2780	2620	2610	2690	2710
16	3090	2490	2900	2660	2470	2560	2790	2820	2540	2500	2760	2910
17	3290	2960	2770	2480	2370	2770	2710	2920	2440	2350	2940	3020
18	3190	2980	2640	2400	2660	2720	2840	2930	2230	2420	2920	2540
19	3160	2770	2970	2390	2480	2430	2900	2920	2320	2600	3000	2080
20	3170	3050	2840	2360	2400	2480	2940	2930	2430	2640	2970	2480
21	3330	2840	2320	2460	2390	2360	3050	2930	2440	2740	2700	2550
22	3280	2690	2290	2280	2360	2620	3060	3030	2460	2880	2770	2880
23	3190	2670	2490	2040	2460	2560	3030	3000	2470	2970	3020	2900
24	2940	2470	2120	1960	2280	2500	2950	2950	2630	2970	2940	2820
25	2790	2470	2000	2380	2040	2780	2920	3000	2930	2940	2850	2220
26	2860	2090	1990	2560	1960	2360	2870	3020	2880	3020	3040	1960
27	3060	2010	2000	2710	2380	2640	2890	2840	2310	3080	3180	1690
28	3140	2030	2620	2680	2560	2750	3020	3030	2080	3000	2700	1870
29	3090	2160	2790	2370	---	2610	2800	2980	2350	3020	2220	1860
30	2960	2580	2640	2280	---	2410	2690	2960	2160	2930	2310	1880
31	2970	---	2660	2070	---	2480	---	2600	---	2980	2390	---
TOTAL	93410	80740	83480	77750	70940	77930	79860	85470	78520	78570	85490	74330
MEAN	3013	2691	2693	2508	2534	2514	2662	2757	2617	2535	2758	2478
MAX	3330	3090	3040	2820	2820	2780	3060	3030	3050	3080	3180	3060
MIN	2610	2010	1990	1960	1960	2070	2020	1990	2080	1620	2220	1690

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1999, BY WATER YEAR (WY)

MEAN	2938	2652	2518	2490	2503	2521	2596	2550	2527	2537	2612	2640
MAX	3031	2691	2693	2535	2567	2562	2662	2824	2805	2655	2863	2864
(WY)	1998	1999	1999	1998	1998	1998	1999	1997	1997	1997	1997	1997
MIN	2769	2593	2325	2427	2408	2487	2497	2070	2159	2422	2216	2478
(WY)	1997	1997	1997	1997	1997	1997	1998	1998	1998	1998	1998	1999

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1997 - 1999	
ANNUAL TOTAL	912490		966490			
ANNUAL MEAN	2500		2648		2591	
HIGHEST ANNUAL MEAN					2648	1999
LOWEST ANNUAL MEAN					2487	1998
HIGHEST DAILY MEAN	3330	Oct 21	3330	Oct 21	3330	Oct 21 1998
LOWEST DAILY MEAN	1530	Jun 30	1620	Jul 4	1500	Dec 25 1996
ANNUAL SEVEN-DAY MINIMUM	1740	Jun 29	2030	Jul 1	1740	Jun 29 1998
INSTANTANEOUS PEAK STAGE			8.63	Oct 21	8.63	Oct 21 1998
10 PERCENT EXCEEDS	2970		3020		3000	
50 PERCENT EXCEEDS	2510		2670		2610	
90 PERCENT EXCEEDS	1970		2220		2080	

02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC

LOCATION.--Lat 33°33'49'', long 81°52'27'', Aiken County, Hydrologic Unit 03060106, on downstream side of bridge on County Road 104, 0.5 mi downstream of Hightower Creek, 1.0 mi upstream of Sudlow Lake, and 3.8 mi west of Graniteville.

DRAINAGE AREA.--26.6 mi^2.

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 210 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	e24	26	31	83	29	38	37	18	e53	14	11
2	29	e25	26	31	86	28	37	32	18	e82	12	11
3	25	e26	25	49	48	30	34	30	20	54	12	10
4	25	e26	25	37	45	32	36	28	21	48	11	10
5	26	e26	25	34	40	30	35	27	21	44	11	10
6	25	e27	26	42	38	30	34	29	21	42	11	10
7	26	e27	25	41	36	30	34	31	21	42	12	10
8	30	e27	25	38	36	29	36	24	21	42	12	11
9	28	e28	27	40	35	32	44	22	21	39	12	12
10	25	e28	25	36	36	33	39	23	21	35	13	16
11	24	e29	25	35	35	31	36	23	22	43	12	13
12	25	e30	29	37	34	30	35	22	25	59	11	11
13	25	e30	27	37	34	27	33	21	25	45	11	11
14	25	e31	27	37	34	44	32	22	25	40	11	8.9
15	24	e31	26	46	33	45	33	23	32	37	12	11
16	23	e31	33	36	33	35	34	21	59	36	22	10
17	23	e32	29	42	33	33	32	20	64	38	22	11
18	23	30	27	60	44	32	31	19	42	34	18	11
19	24	28	27	40	43	31	31	19	36	32	14	11
20	24	29	25	36	44	29	31	19	37	30	14	16
21	24	29	25	38	37	30	30	18	40	27	13	24
22	22	29	29	39	36	29	28	17	40	25	13	20
23	22	28	29	43	35	28	28	17	41	23	13	17
24	23	27	33	77	34	29	27	19	40	22	17	16
25	23	27	47	51	33	30	27	17	43	22	19	16
26	23	27	38	38	30	37	28	17	45	21	15	17
27	23	26	35	36	26	36	27	17	45	19	15	35
28	e23	25	33	38	27	33	32	17	45	16	15	43
29	e23	26	32	35	---	32	30	17	48	10	14	31
30	e23	26	34	35	---	30	32	17	53	13	13	26
31	e24	---	33	37	---	28	---	18	---	14	12	---
TOTAL	768	835	898	1252	1108	982	984	683	1010	1087	426	469.9
MEAN	24.8	27.8	29.0	40.4	39.6	31.7	32.8	22.0	33.7	35.1	13.7	15.7
MAX	36	32	47	77	86	45	44	37	64	82	22	43
MIN	22	24	25	31	26	27	27	17	18	10	11	8.9
CFSM	.93	1.05	1.09	1.52	1.49	1.19	1.23	.83	1.27	1.32	.52	.59
IN.	1.07	1.17	1.26	1.75	1.55	1.37	1.38	.96	1.41	1.52	.60	.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

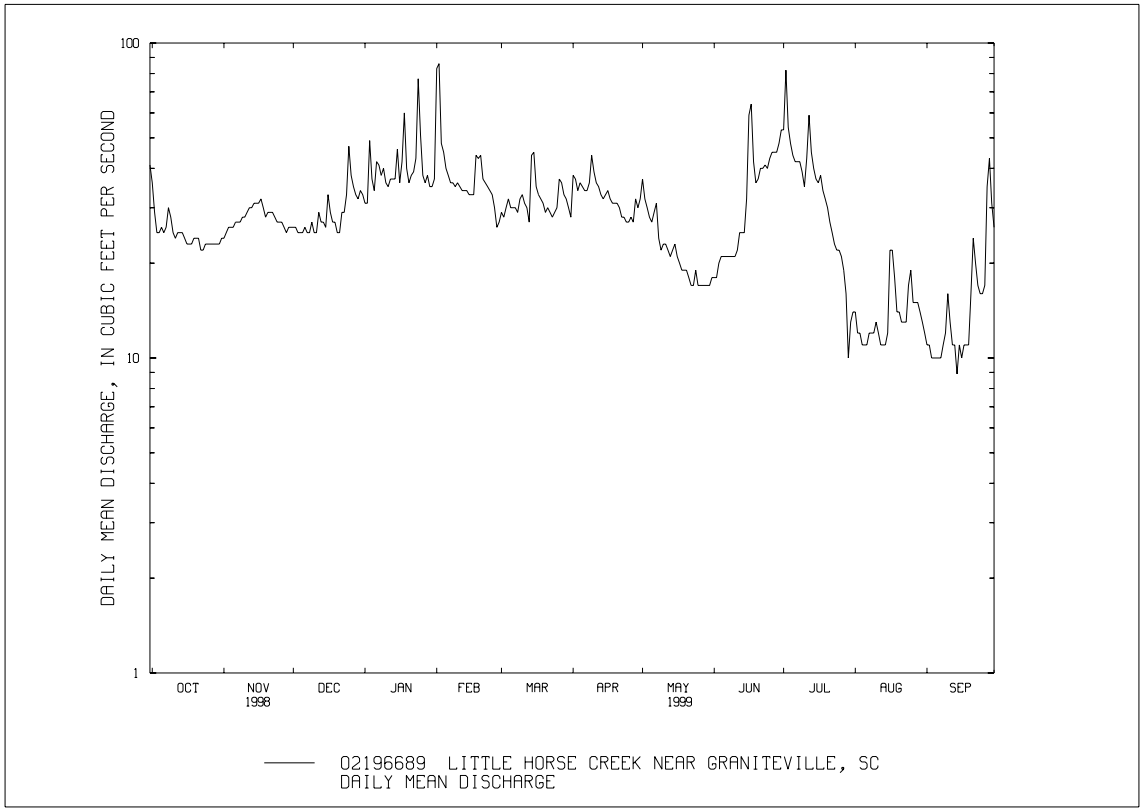
MEAN	30.0	33.1	35.5	44.9	43.7	45.8	37.7	29.6	31.7	26.0	24.4	23.9
MAX	41.9	51.7	49.0	71.7	67.8	62.6	66.6	48.6	47.8	41.2	41.4	35.6
(WY)	1991	1993	1993	1993	1995	1998	1998	1998	1991	1991	1991	1995
MIN	23.2	26.7	26.1	33.4	31.4	30.9	24.1	20.0	18.7	17.9	13.7	11.8
(WY)	1992	1997	1997	1997	1990	1990	1990	1992	1990	1993	1999	1990

02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1990 - 1999	
ANNUAL TOTAL	14423		10502.9			
ANNUAL MEAN	39.5		28.8		33.8	
HIGHEST ANNUAL MEAN					41.7	1993
LOWEST ANNUAL MEAN					26.0	1997
HIGHEST DAILY MEAN	178	Mar 9	86	Feb 2	305	Oct 12 1990
LOWEST DAILY MEAN	16	Aug 29	8.9	Sep 14	* 4.1	Jul 22 1993
ANNUAL SEVEN-DAY MINIMUM	17	Aug 25	10	Sep 1	9.3	Jul 3 1990
INSTANTANEOUS PEAK FLOW			119	Feb 1	593	Oct 12 1990
INSTANTANEOUS PEAK STAGE			2.91	Feb 1	6.48	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.49		1.08		1.27	
ANNUAL RUNOFF (INCHES)	20.17		14.69		17.27	
10 PERCENT EXCEEDS	62		42		53	
50 PERCENT EXCEEDS	33		28		30	
90 PERCENT EXCEEDS	23		13		17	

* Flow was temporarily obstructed at the gage by the construction of a rock section upstream.

e Estimated



02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA

LOCATION.--Lat 33°22'23'', long 81°56'32'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.3 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.5.

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

PERIOD OF RECORD.--October 1989 to current year. Records prior to October 1989 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 100.58 ft above sea level (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by regulation from Thurmond Lake (see sta 02194500).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.41 ft, Oct. 13, 1990; minimum gage height, 7.62 ft, Aug. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.86 ft, Oct. 5; minimum gage height, 10.54 ft, May 21.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.29	14.05	14.21	13.97	14.00	14.13	13.93	13.98	14.03	13.86	13.97	14.12
2	13.18	14.01	13.99	14.03	13.80	13.51	---	13.95	14.20	13.94	13.99	13.99
3	14.39	13.99	14.22	13.83	13.90	14.03	---	13.84	14.13	14.02	13.99	14.17
4	14.46	14.01	14.01	13.97	13.89	14.06	---	13.89	14.05	14.06	14.16	14.08
5	14.27	14.01	14.00	14.14	14.14	13.93	---	13.87	14.07	14.04	13.99	14.13
6	14.12	14.00	14.07	14.06	14.09	14.15	---	13.82	14.11	14.06	14.10	14.04
7	14.12	14.01	14.14	13.99	14.00	14.12	14.07	13.95	14.02	14.09	14.01	14.21
8	14.03	14.10	14.10	14.00	14.07	14.16	13.90	13.95	14.00	13.97	14.03	14.23
9	14.15	14.01	14.02	14.08	14.19	14.06	13.80	13.79	14.10	14.14	14.11	14.18
10	14.17	14.02	14.01	14.08	14.21	14.00	14.07	13.90	13.94	14.10	14.09	14.22
11	14.08	14.07	14.01	14.08	14.05	14.06	14.02	13.91	13.93	14.03	14.03	14.24
12	14.23	14.03	14.01	14.03	14.08	13.99	13.97	13.95	14.04	13.94	14.05	14.33
13	14.09	14.05	14.14	14.07	14.05	14.20	14.03	13.88	14.07	13.97	14.00	14.24
14	14.21	14.04	14.06	14.16	14.05	13.95	13.92	13.72	14.04	13.92	14.32	14.20
15	14.14	14.11	13.99	14.04	13.97	14.11	13.96	13.61	14.04	14.07	14.31	13.39
16	14.10	14.03	14.09	14.10	14.06	13.97	13.82	13.75	---	14.15	14.12	14.08
17	14.11	13.96	14.11	14.06	14.13	13.90	13.82	13.86	---	14.07	14.16	14.06
18	14.08	14.03	14.07	14.07	14.07	14.03	14.14	13.62	13.81	14.22	14.18	13.86
19	14.11	14.12	14.11	14.07	13.96	14.14	14.10	12.24	14.16	14.03	---	14.07
20	14.04	14.16	14.05	14.03	13.98	14.08	13.97	12.28	14.09	14.04	---	14.07
21	14.05	14.00	14.10	14.13	14.12	14.15	13.89	12.02	13.96	13.93	---	14.17
22	14.02	14.05	14.06	14.20	14.05	14.09	14.08	13.17	14.02	14.23	14.23	14.13
23	14.05	14.11	14.08	13.78	13.99	14.09	13.91	13.11	14.02	14.16	14.26	14.14
24	14.05	14.10	14.14	14.06	14.02	14.04	14.01	13.03	14.03	14.04	14.11	14.12
25	14.14	14.01	13.95	14.11	14.09	14.09	14.01	12.85	14.04	14.19	14.18	14.37
26	13.91	13.96	14.08	14.03	14.07	13.93	13.95	13.03	13.99	14.26	14.12	14.31
27	14.13	14.10	14.01	14.00	14.06	13.95	14.02	12.36	13.95	14.15	14.15	14.25
28	13.96	14.10	13.99	14.09	14.12	13.92	14.00	12.00	14.06	13.94	14.10	14.21
29	14.03	14.06	14.15	14.07	---	13.93	13.92	13.56	13.95	13.94	14.04	13.92
30	14.09	14.02	13.95	14.05	---	14.00	13.88	13.41	14.11	14.04	14.24	13.66
31	14.02	---	14.14	14.09	---	13.94	---	13.64	---	14.12	14.16	---
MAX	14.46	14.16	14.22	14.20	14.21	14.20	14.14	13.98	14.20	14.26	14.32	14.37
MIN	13.18	13.96	13.95	13.78	13.80	13.51	13.80	12.00	13.81	13.86	13.97	13.39

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25'', long 81°56'35'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

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

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharges 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 National Weather Service.

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

GAGE.--Data collection platform. Datum of gage is 96.58 ft above sea level (U.S. Army Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft above sea level (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft above sea level (levels by U.S. Army Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 307,000 ft^3/s, Aug. 27, 1908, gage height, 38.8 ft, at site and datum at Fifth Street gage. Stages and discharges for other floods at site and datum at Fifth Street gage are as follows: 280,000 ft^3/s, Jan. 17, 1796, gage height (determined by analysis of historical documents), 38 ft; 260,000 ft^3/s, May 28, 1840, gage height, 37.5 ft; 230,000 ft^3/s, Aug. 29, 1852, gage height, 36.8 ft; 160,000 ft^3/s, Jan. 1, 1864, gage height, 34.0 ft; 220,000 ft^3/s, Jan. 11, 1865, gage height, 36.4 ft. 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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7460	5160	6100	5040	8340	4710	5100	5220	4210	5540	4800	6380
2	6360	5390	6100	4500	14000	3870	5830	4920	4530	6330	4650	7330
3	5460	6620	5230	5000	14600	5330	5530	4670	4840	5510	4660	7630
4	4930	7110	5440	5140	8820	6540	5190	5020	4890	4890	4920	7200
5	5530	7280	5050	6440	6350	5500	6020	4950	4560	5290	4690	6520
6	5410	6800	5030	6230	7360	4560	6400	5020	4390	5290	4620	7660
7	6120	5870	5210	5020	7010	4850	6040	4650	5210	5560	4440	7430
8	6360	5290	6080	4580	8430	6050	7100	4850	4860	e5120	4030	8110
9	5830	5970	5990	5110	11200	6420	7020	5130	4270	e5210	5130	7350
10	6090	6340	5880	5470	11300	5600	5510	4760	4790	5150	6380	7340
11	6000	6440	5250	6120	11000	4800	5960	4320	4240	4940	6430	5540
12	5270	6190	5390	4930	10100	4960	6170	4600	4380	5750	6470	4700
13	5990	6120	5530	4690	8660	5310	5770	4670	4650	e5750	6080	5390
14	6180	6420	5840	5550	7900	5700	5610	4310	4280	e5940	5810	5140
15	7010	5760	6300	5440	7720	8420	6010	3880	4580	e5730	5570	5740
16	6550	6210	6720	5230	6340	9710	5600	3800	e5540	5580	7120	e5240
17	5230	5480	6170	5220	6090	6890	4370	4590	e7640	6180	8040	e4750
18	4820	6810	6150	7210	5650	5220	4520	5390	6290	5070	8260	4270
19	4620	6180	5610	6950	6440	5470	5340	5140	4800	5690	7920	4140
20	4500	6560	5410	5670	4330	5010	5800	4390	4610	5300	e7170	4690
21	4850	6500	5190	5540	4850	4780	5590	4820	4810	4980	6960	5330
22	6640	5130	5490	6410	5650	5820	5700	5090	4850	5220	5490	5110
23	5070	6050	5150	6310	7670	6070	5410	5250	4850	6620	5330	4960
24	4600	7700	5810	5150	6750	6130	5020	5210	4850	5590	e8030	4650
25	5100	7720	5580	8140	6160	5850	5610	4990	4870	5200	7450	4740
26	11300	6410	5060	7510	4270	6040	4770	5140	4800	5920	7380	4860
27	17500	4690	5000	5770	4110	5600	4860	4850	4730	6580	7590	5890
28	14700	5370	5130	5470	4820	5310	5310	3970	4970	5680	6410	6410
29	8070	5750	4790	4850	---	5290	5950	4720	e4790	5080	5870	5940
30	4570	6190	4990	5290	---	5280	5490	4510	5250	5100	5960	3910
31	5440	---	4910	5750	---	5720	---	3960	---	4670	7730	---
TOTAL	203560	185510	171580	175730	215920	176810	168600	146790	146330	170460	191390	174350
MEAN	6566	6184	5535	5669	7711	5704	5620	4735	4878	5499	6174	5812
MAX	17500	7720	6720	8140	14600	9710	7100	5390	7640	6620	8260	8110
MIN	4500	4690	4790	4500	4110	3870	4370	3800	4210	4670	4030	3910
CFSM	.87	.82	.74	.76	1.03	.76	.75	.63	.65	.73	.82	.77
IN.	1.01	.92	.85	.87	1.07	.88	.84	.73	.73	.84	.95	.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 1999, BY WATER YEAR (WY)

MEAN	7303	7354	9142	10790	12320	14300	13160	9436	8286	7218	7547	7021
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	5637	5172	4476	4271	3627	3889	3332
(WY)	1952	1953	1953	1953	1956	1988	1988	1988	1988	1952	1952	1952

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1952 - 1999	
ANNUAL TOTAL	4990550		2127030			
ANNUAL MEAN	13670		5827		9474	
HIGHEST ANNUAL MEAN					16580	1964
LOWEST ANNUAL MEAN					5344	1988
HIGHEST DAILY MEAN	42700	Feb 7	17500	Oct 27	84500	Apr 10 1964
LOWEST DAILY MEAN	4500	Oct 20	3800	May 16	1770	Oct 18 1951
ANNUAL SEVEN-DAY MINIMUM	5010	Oct 18	4310	May 11	2090	Oct 20 1951
INSTANTANEOUS PEAK FLOW			19000	Feb 2	87100	Apr 9 1964
INSTANTANEOUS PEAK STAGE			14.72	Feb 2	24.16	Apr 9 1964
ANNUAL RUNOFF (CFSM)	1.82		.78		1.26	
ANNUAL RUNOFF (INCHES)	24.73		10.54		17.15	
10 PERCENT EXCEEDS	28000		7400		18100	
50 PERCENT EXCEEDS	7620		5490		6990	
90 PERCENT EXCEEDS	5440		4610		5140	

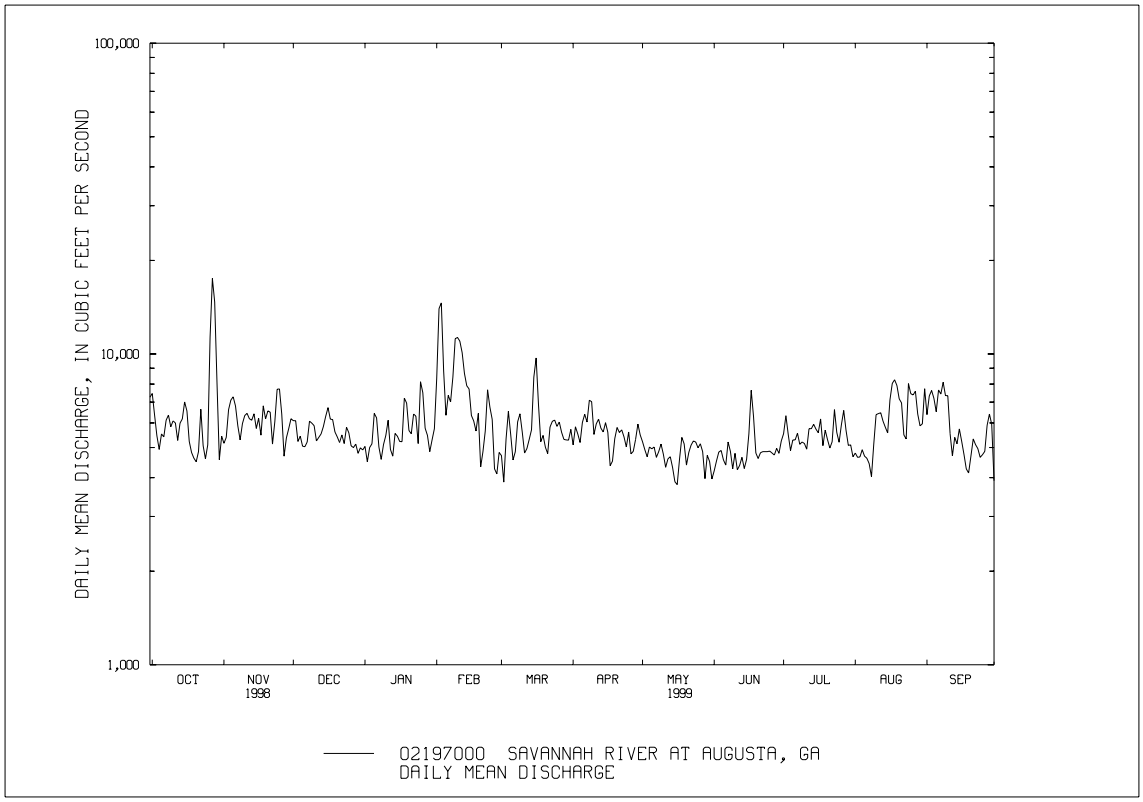
e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1883-1951, BY WATER YEAR (WY) (PRIOR TO REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6988	6923	9645	13560	16950	17490	13660	8566	7962	8042	8864	7916
MAX	42170	21250	27390	40950	39560	52440	58700	20670	22700	19480	35030	47850
(WY)	1930	1949	1933	1936	1903	1929	1936	1929	1900	1906	1887	1888
MIN	2079	2614	4263	5137	4812	6298	5298	3427	3258	2811	1706	1453
(WY)	1905	1932	1884	1890	1938	1898	1896	1927	1925	1883	1925	1925

SUMMARY STATISTICS	WATER YEARS 1883-1951	
ANNUAL MEAN	10640	
HIGHEST ANNUAL MEAN	16500	1929
LOWEST ANNUAL MEAN	5836	1904
HIGHEST DAILY MEAN	315000	Oct 3 1929
LOWEST DAILY MEAN	1040	Oct 2 1927
ANNUAL SEVEN-DAY MINIMUM	1170	Aug 23 1925
INSTANTANEOUS PEAK FLOW	a350000	Oct 3 1929
INSTANTANEOUS PEAK STAGE	b46.30	Sep 27 1929
INSTANTANEOUS LOW FLOW	c648	Sep 24 1939
ANNUAL RUNOFF (CFSM)	1.42	
ANNUAL RUNOFF (INCHES)	19.25	
10 PERCENT EXCEEDS	19900	
50 PERCENT EXCEEDS	6720	
90 PERCENT EXCEEDS	3180	

a Gage height 45.10 ft, at site and datum then in use.
b At site and datum then in use.
c From rating curve extended below 1,400 ft^3/s.



02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC

LOCATION.--Lat 33°23'05'', long 81°37'00'', Aiken County, Hydrologic Unit 03060106, at downstream side of bridge on U.S. Highway 278, 0.4 mi upstream from Johnson Fork Creek, and 4.6 mi southeast of New Ellenton.

DRAINAGE AREA.--87.0 mi^2.

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Data collection platform. Datum of gage is 174.70 ft above sea level. Oct. 1, 1989 to Dec. 23, 1996, at site 1.0 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	111	98	104	103	179	101	119	129	82	96	76	75
2	104	99	104	105	168	101	113	105	82	96	75	74
3	102	103	104	150	132	101	105	98	85	88	74	73
4	106	103	104	116	132	101	102	94	84	84	74	72
5	106	102	105	108	123	100	101	96	81	83	74	71
6	104	101	105	106	116	101	99	106	80	103	74	70
7	109	101	105	106	114	101	100	107	80	103	74	71
8	123	102	104	105	113	99	114	97	79	88	74	73
9	108	104	106	107	110	106	126	92	78	85	73	83
10	102	105	103	105	110	106	107	91	78	82	74	100
11	99	104	103	103	109	102	102	90	84	95	73	81
12	98	103	102	103	109	101	99	91	87	142	72	75
13	98	102	107	102	108	100	97	92	78	162	72	74
14	97	103	108	103	107	134	97	95	78	121	74	73
15	96	107	110	146	107	122	103	91	167	105	76	82
16	96	110	123	115	104	108	112	90	136	98	85	91
17	96	114	109	111	105	104	102	89	149	96	82	78
18	96	107	105	133	116	102	97	88	103	92	77	76
19	97	106	105	116	110	102	96	98	92	89	81	77
20	98	107	105	109	108	99	96	91	90	87	85	95
21	97	106	104	107	105	104	95	87	89	85	81	137
22	95	104	104	106	104	103	94	89	88	83	77	91
23	96	104	103	142	103	100	93	95	85	82	91	83
24	97	106	108	214	103	99	94	106	84	82	116	80
25	97	105	136	137	103	109	93	90	88	83	108	80
26	97	109	123	122	103	133	93	87	91	80	88	80
27	96	106	113	117	102	112	93	87	104	78	82	105
28	96	105	108	114	103	105	100	85	101	78	82	133
29	97	104	107	111	---	102	98	84	98	85	87	109
30	97	104	105	112	---	101	121	83	104	76	79	91
31	97	---	104	117	---	102	---	83	---	76	76	---
TOTAL	3108	3134	3336	3651	3206	3261	3061	2906	2805	2883	2486	2553
MEAN	100	104	108	118	114	105	102	93.7	93.5	93.0	80.2	85.1
MAX	123	114	136	214	179	134	126	129	167	162	116	137
MIN	95	98	102	102	102	99	93	83	78	76	72	70
CFSM	1.15	1.20	1.24	1.35	1.32	1.21	1.17	1.08	1.07	1.07	.92	.98
IN.	1.33	1.34	1.43	1.56	1.37	1.39	1.31	1.24	1.20	1.23	1.06	1.09

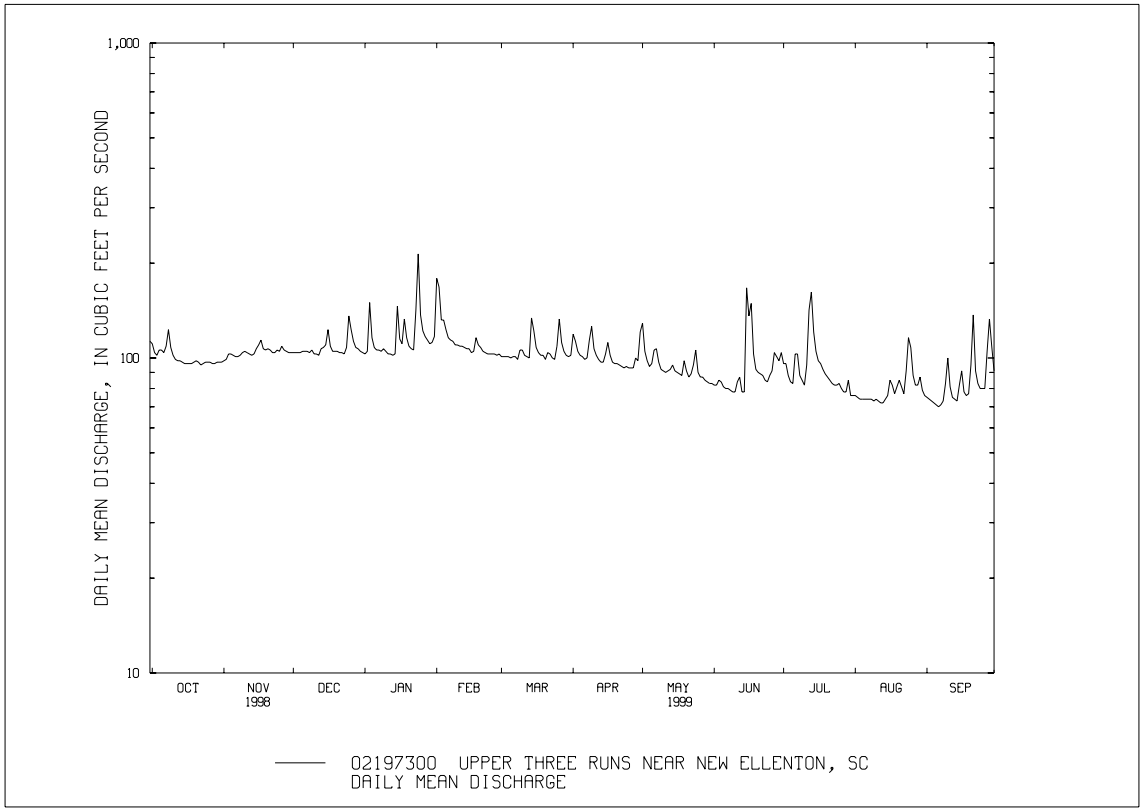
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1999, BY WATER YEAR (WY)

MEAN	98.6	104	109	114	113	116	109	101	101	99.7	101	98.7
MAX	130	128	139	145	152	157	156	136	167	123	134	128
(WY)	1991	1996	1977	1978	1973	1980	1973	1973	1973	1975	1995	1995
MIN	69.0	70.8	81.6	85.6	79.9	76.4	73.2	70.9	65.8	64.7	65.1	65.0
(WY)	1983	1983	1983	1984	1990	1990	1990	1990	1990	1983	1982	1990

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1966 - 1999	
ANNUAL TOTAL	41860		36390			
ANNUAL MEAN	115		99.7		105	
HIGHEST ANNUAL MEAN					133	1973
LOWEST ANNUAL MEAN					** 77.1	1990
HIGHEST DAILY MEAN	354	Mar 9	214	Jan 24	** 509	Aug 20 1992
LOWEST DAILY MEAN	85	Aug 7	70	Sep 6	53	Aug 23 1983
ANNUAL SEVEN-DAY MINIMUM	88	Jul 8	72	Sep 2	55	Aug 17 1983
INSTANTANEOUS PEAK FLOW			252	Jan 24	** 820	Oct 23 1990
INSTANTANEOUS PEAK STAGE			7.33	Jan 24	** 8.80	Oct 23 1990
INSTANTANEOUS LOW FLOW			65	Sep 6	49	* Jul 22 1983
ANNUAL RUNOFF (CFSM)	1.32		1.15		1.21	
ANNUAL RUNOFF (INCHES)	17.90		15.56		16.45	
10 PERCENT EXCEEDS	139		116		132	
50 PERCENT EXCEEDS	106		101		102	
90 PERCENT EXCEEDS	93		78		77	

* Also occurred Aug. 19, 22, 23, 1983.
** At site and datum then in use.



021973011 H-002 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'10'', long 81°38'01'', Aiken County, Hydrologic Unit 03060106, on left bank, 100 ft east of SRS road 4, 0.5 mi west of H area, 1.2 mi southwest of junction of SRS roads 4 and F, at Savannah River Site.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1996 to current year.

GAGE.--Data collection platform. Elevation of gage is 280 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.07	.12	.12	1.8	.05	.18	.07	.04	.18	.08	.04
2	.05	.08	.10	.35	.22	.04	.11	.05	.04	.08	.07	.04
3	.02	.09	.12	.31	.15	.03	.10	.05	.05	.07	.07	.05
4	.10	.08	.13	.06	.20	.03	.10	.05	.05	.06	.07	.05
5	.05	.08	.13	.07	.12	.03	.09	.07	.05	.07	.06	.06
6	.11	.09	.13	.09	.12	.04	.10	.17	.06	.45	.06	.07
7	.25	.09	.11	.07	.10	.06	.11	.05	.05	.76	.07	.11
8	.14	.09	.11	.06	.09	.06	.10	.05	.05	.19	.07	.07
9	.07	.09	.11	.08	.08	.15	.10	.05	.05	.09	.06	.30
10	.03	.09	.11	.08	.11	.06	.09	.05	.07	.08	.06	.08
11	.03	.08	.09	.07	.07	.06	.09	.05	.17	1.2	.06	.05
12	.02	.08	.07	.07	.07	.06	.06	.05	.07	1.0	.05	.05
13	.03	.09	.07	.06	.07	.05	.06	.05	.06	.74	.06	.05
14	.04	.08	.07	.19	.08	.51	.05	.05	.08	.23	.07	.05
15	.05	.19	.18	.35	.07	.10	.15	.05	.11	.16	.06	.22
16	.05	.19	.09	.07	.08	.11	.06	.05	1.6	.15	.10	.05
17	.02	.08	.07	.24	.07	.10	.04	.05	.10	.14	.08	.03
18	.03	.06	.11	.56	.07	.13	.05	.05	.04	.13	.07	.03
19	.04	.08	.10	.10	.08	.15	.04	.06	.03	.12	.18	.04
20	.05	.10	.09	.08	.06	.14	.04	.05	.04	.12	.50	.75
21	.03	.11	.09	.07	.07	.19	.04	.05	.04	.12	.08	.16
22	.04	.13	.11	.07	.08	.14	.04	.05	.04	.59	.07	.04
23	.06	.10	.10	1.4	.09	.14	.04	.06	.04	.12	.07	.04
24	.09	.10	.21	.96	.09	.14	.05	.05	e.10	.12	.10	.04
25	.08	.10	.52	.15	.08	.50	.04	.05	.08	.12	.07	.05
26	.06	.10	.40	.14	.07	.43	.05	.06	.19	.11	.07	.38
27	.06	.10	.14	.13	.07	.17	.05	.05	.07	.08	.09	.77
28	.06	.11	.11	.11	.07	.14	.14	.04	e.31	.08	.08	1.1
29	.06	.12	.11	.11	---	.13	.05	.04	e1.1	.12	.08	.26
30	.07	.12	.11	.19	---	.12	.68	.04	.13	.08	.06	.11
31	.07	---	.12	.22	---	.14	---	.04	---	.08	.05	---
TOTAL	1.94	2.97	4.13	6.63	4.33	4.20	2.90	1.70	4.91	7.64	2.72	5.14
MEAN	.063	.099	.13	.21	.15	.14	.097	.055	.16	.25	.088	.17
MAX	.25	.19	.52	1.4	1.8	.51	.68	.17	1.6	1.2	.50	1.1
MIN	.02	.06	.07	.06	.06	.03	.04	.04	.03	.06	.05	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1999, BY WATER YEAR (WY)

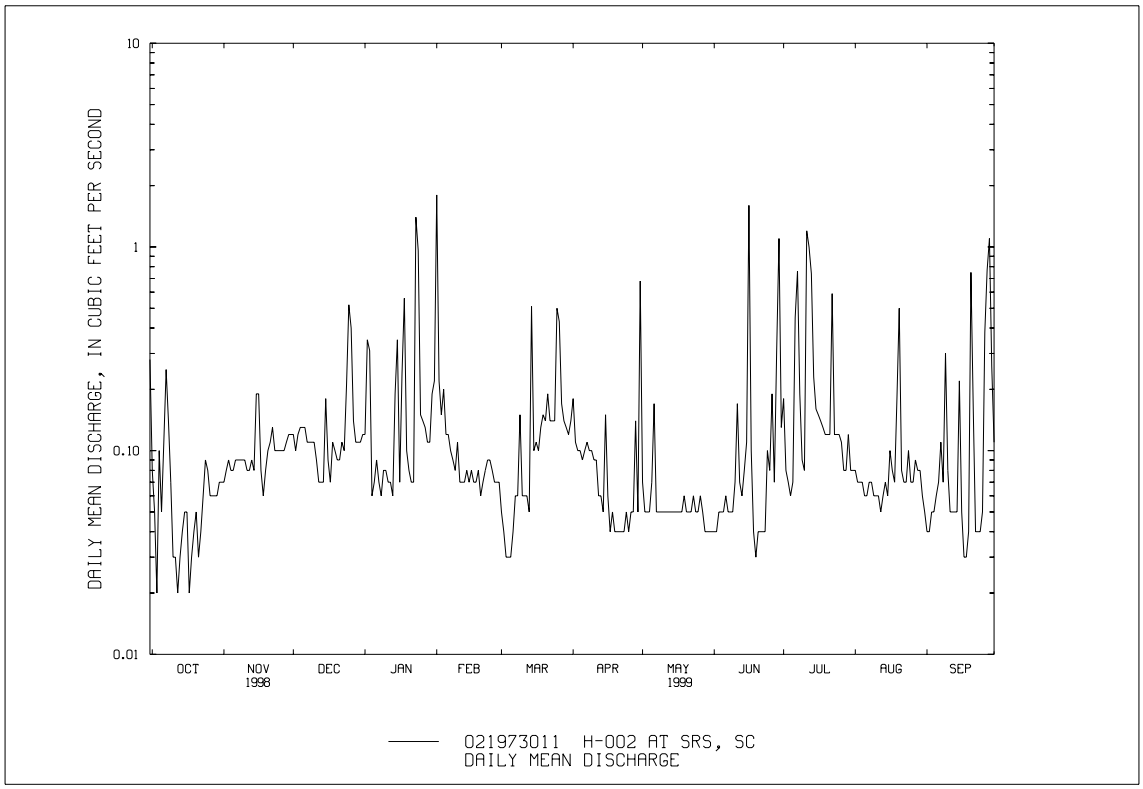
MEAN	.11	.12	.20	.15	.32	.24	.24	.12	.19	.19	.12	.16
MAX	.16	.14	.27	.21	.56	.47	.42	.23	.29	.27	.23	.23
(WY)	1998	1998	1998	1999	1998	1998	1998	1998	1998	1998	1998	1998
MIN	.063	.099	.13	.071	.15	.13	.097	.055	.13	.066	.035	.076
(WY)	1999	1999	1999	1998	1999	1997	1999	1999	1997	1997	1997	1997

021973011 H-002 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR			FOR 1999 WATER YEAR			WATER YEARS 1997 - 1999		
ANNUAL TOTAL	92.07			49.21					
ANNUAL MEAN	.25			.13			.20		
HIGHEST ANNUAL MEAN							.28		1998
LOWEST ANNUAL MEAN							.13		1999
HIGHEST DAILY MEAN	2.7		Mar 8	1.8		Feb 1	2.7		Mar 8 1998
LOWEST DAILY MEAN	.02	**	Oct 3	.02	**	Oct 3	.02		Oct 3 1998
ANNUAL SEVEN-DAY MINIMUM	.03		Jan 1	.03		Oct 11	.03	*	Jul 17 1997
INSTANTANEOUS PEAK FLOW				Unknown		Jun 29	Unknown		Jun 29 1999
INSTANTANEOUS PEAK STAGE				3.67		Jun 29	3.67		Jun 29 1999
10 PERCENT EXCEEDS	.48			.20			.36		
50 PERCENT EXCEEDS	.19			.08			.10		
90 PERCENT EXCEEDS	.04			.04			.04		

* Also occurred many days in 1997-98.
** Also occurred Oct. 12, 17.

e Estimated



021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'27'', long 81°38'57'', Aiken County, Hydrologic Unit 03060106, on right upstream side of concrete culvert on Road 4, 0.5 mi west of H area, 0.9 mi southwest of junction of SRS roads 4 Savannah River Site.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 230 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.05	.02	.02	e3.8	.02	.02	.14	.01	.13	.01	.02
2	.04	.06	.02	e.10	.34	.03	.02	.02	.01	.09	.01	.02
3	.04	.03	.02	e.91	.06	.03	.02	.02	.01	.03	.01	.02
4	.05	.03	.02	.05	.09	.03	.02	.02	.01	.02	.01	.02
5	.04	.03	.02	.05	.04	.03	.02	.02	.00	.02	.01	.02
6	.05	.05	.02	.04	.03	.03	.02	.16	.01	e.39	.01	.02
7	.05	.06	.02	.03	.02	.04	.02	.04	.01	e1.5	.01	.02
8	.03	.06	.02	.03	.02	.04	.02	.02	.00	.44	.01	.02
9	.04	.06	.02	.03	.02	.05	.02	.02	.00	.04	.01	.27
10	.05	.06	.02	.03	.02	.05	.02	.02	.00	.02	.01	.08
11	.05	.06	.02	.03	.02	.05	.02	.02	.00	e2.4	.01	.02
12	.05	.08	.02	.02	.02	.05	.02	.02	.01	e2.1	.01	.02
13	.05	.04	.02	.02	.02	.05	.02	.02	.01	1.6	.01	.02
14	.05	.03	.02	.03	.02	e.60	.03	.02	.01	.16	.01	.02
15	.05	.05	.02	e.80	.03	.04	.04	.02	.01	.07	.01	.03
16	.05	.06	.02	.04	.03	.02	.03	.02	e3.6	.05	.01	.07
17	.05	.03	.02	.31	.03	.02	.03	.02	.12	.04	.01	.02
18	.05	.02	.02	e1.1	.02	.02	.03	.01	.03	.03	.01	.02
19	.05	.02	.02	.04	.02	.02	.03	.01	.02	.02	.01	.02
20	.05	.02	.01	.03	.02	.02	.03	.01	.03	.02	.70	e1.1
21	.05	.02	.01	.02	.02	.02	.03	.01	.03	.02	.05	.49
22	.08	.02	.02	.02	.02	.02	.03	.01	.02	e1.1	.01	.03
23	.09	.02	.02	e2.8	.02	.02	.02	.01	.02	.11	.02	.02
24	.09	.02	.02	e2.1	.02	.02	.03	.01	.02	.03	.02	.02
25	.08	.02	.02	.09	.02	.73	.05	.01	.02	.02	.02	.02
26	.08	.02	.40	.04	.02	.86	.05	.01	.19	.02	.02	e.39
27	.05	.02	.03	.03	.02	.05	.05	.01	.05	.02	.02	1.5
28	.06	.02	.02	.03	.02	.03	.04	.01	e.60	.02	.02	e2.5
29	.05	.02	.02	.02	---	.02	.03	.01	e2.4	.01	.02	.23
30	.04	.02	.02	.02	---	.02	e.91	.01	.16	.02	.02	.07
31	.04	---	.02	.05	---	.02	---	.01	---	.01	.03	---
TOTAL	1.64	1.10	0.99	8.93	4.83	3.05	1.72	0.76	7.41	10.55	1.14	7.12
MEAN	.053	.037	.032	.29	.17	.098	.057	.025	.25	.34	.037	.24
MAX	.09	.08	.40	2.8	3.8	.86	.91	.16	3.6	2.4	.70	2.5
MIN	.03	.02	.01	.02	.02	.02	.02	.01	.00	.01	.01	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1999, BY WATER YEAR (WY)

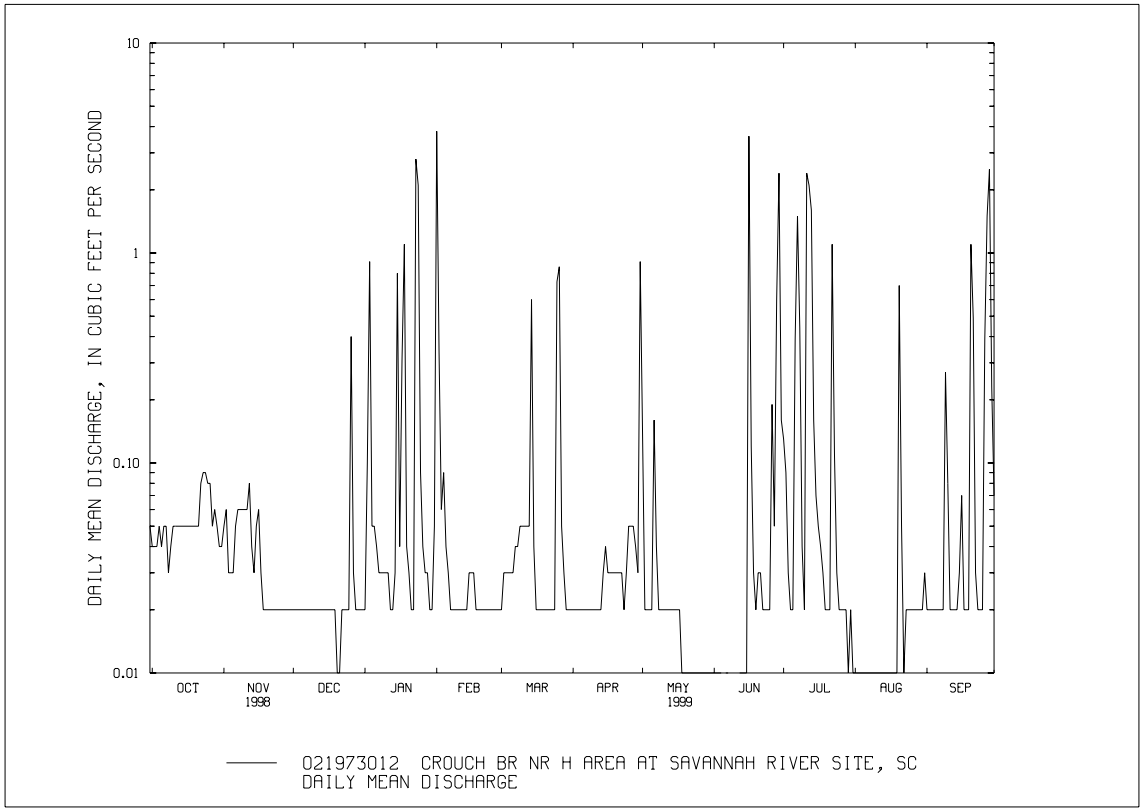
MEAN	.18	.12	.19	.32	.30	.26	.14	.074	.22	.21	.17	.17
MAX	.58	.27	.51	.56	.65	.49	.36	.16	.44	.34	.32	.27
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1999	1995	1993
MIN	.053	.030	.032	.092	.055	.083	.025	.009	.067	.077	.022	.026
(WY)	1999	1997	1999	1996	1996	1997	1994	1994	1996	1993	1997	1994

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1992 - 1999	
ANNUAL TOTAL	89.51		49.24			
ANNUAL MEAN	.25		.13		.20	
HIGHEST ANNUAL MEAN					.32	1998
LOWEST ANNUAL MEAN					.13	1996
HIGHEST DAILY MEAN	5.3	Mar 8	3.8	Feb 1	7.0	Jan 8 1993
LOWEST DAILY MEAN	.01	Dec 20	.00 **	Jun 5	.00	* Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	.02	Dec 15	.00	Jun 5	.00	* Apr 26 1994
INSTANTANEOUS PEAK FLOW			Unknown	Jun 16	Unknown	Jun 16 1999
INSTANTANEOUS PEAK STAGE			6.12	Jun 16	6.12	Jun 16 1999
10 PERCENT EXCEEDS	.53		.13		.40	
50 PERCENT EXCEEDS	.05		.02		.03	
90 PERCENT EXCEEDS	.02		.01		.01	

* Also occurred many days every year.
** Also occurred Jun. 8-11.

e Estimated



02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRS Road C, 2.0 mi east of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--176 mi^2.

PERIOD OF RECORD.--June 1974 to January 1998, December 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 121.5 ft above sea level (from Global Positioning System).

REMARKS.-- No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	207	450	203	226	407	156	213	133	127
2	---	---	---	207	742	199	270	327	156	203	131	125
3	---	---	---	359	536	200	223	222	156	182	130	124
4	---	---	---	379	331	202	206	201	161	170	126	123
5	---	---	---	252	316	199	198	190	156	164	125	122
6	---	---	---	223	268	199	191	210	154	172	124	122
7	---	---	e209	218	247	200	192	245	153	381	124	124
8	---	---	208	215	237	196	190	214	151	305	124	132
9	---	---	211	216	230	210	341	190	149	182	122	129
10	---	---	210	221	232	245	367	181	148	166	122	165
11	---	---	205	211	233	216	222	178	149	200	122	146
12	---	---	203	208	224	204	205	176	158	505	121	133
13	---	---	208	205	219	199	198	178	154	591	119	128
14	---	---	219	205	213	281	197	181	149	551	119	127
15	---	---	215	301	215	361	205	180	176	276	122	131
16	---	---	260	360	213	255	269	176	329	214	127	154
17	---	---	255	252	213	218	232	173	628	215	136	142
18	---	---	219	322	230	207	205	170	488	183	131	134
19	---	---	211	364	237	201	198	174	212	169	127	134
20	---	---	212	263	223	196	195	181	181	160	154	147
21	---	---	211	235	216	202	193	170	180	152	152	281
22	---	---	208	227	211	215	189	167	174	160	138	253
23	---	---	205	323	207	201	184	171	169	191	132	161
24	---	---	206	828	206	196	181	198	164	154	153	147
25	---	---	295	743	206	216	181	184	167	146	179	144
26	---	---	357	380	207	348	184	169	174	143	160	150
27	---	---	310	289	205	323	183	167	196	140	143	202
28	---	---	246	267	206	236	201	164	222	137	136	306
29	---	---	226	256	---	213	221	162	276	137	145	412
30	---	---	218	251	---	205	251	159	319	139	141	265
31	---	---	210	283	---	202	---	158	---	133	131	---
TOTAL	---	---	---	9270	7473	6948	6498	6023	6205	6834	4149	4990
MEAN	---	---	---	299	267	224	217	194	207	220	134	166
MAX	---	---	---	828	742	361	367	407	628	591	179	412
MIN	---	---	---	205	205	196	181	158	148	133	119	122
CFSM	---	---	---	1.70	1.52	1.27	1.23	1.10	1.18	1.25	.76	.95
IN.	---	---	---	1.96	1.58	1.47	1.37	1.27	1.31	1.44	.88	1.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)

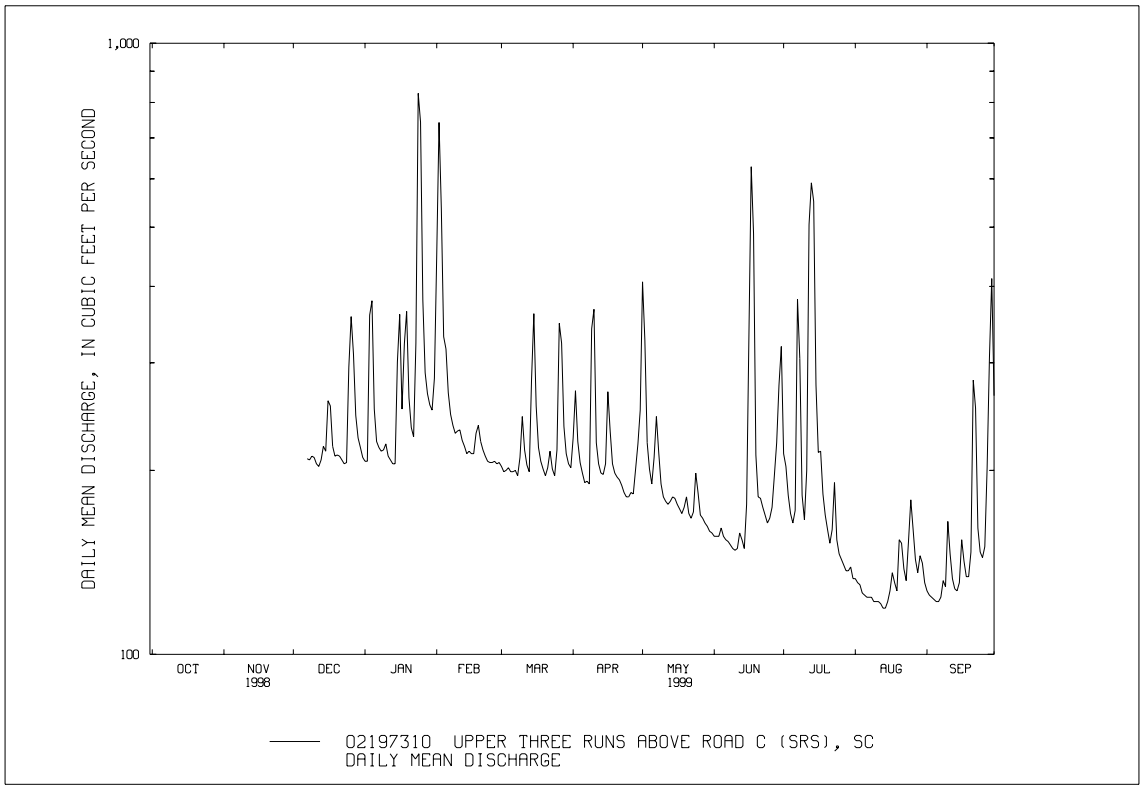
MEAN	195	209	223	246	246	251	218	192	192	191	193	186
MAX	394	296	322	402	393	377	334	321	327	304	401	290
(WY)	1991	1993	1995	1993	1995	1993	1993	1984	1995	1991	1991	1995
MIN	134	146	132	147	149	161	141	129	112	113	124	105
(WY)	1989	1989	1989	1989	1989	1990	1990	1990	1990	1986	1988	1990

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	WATER YEARS 1974 - 1999		
ANNUAL MEAN	211		
HIGHEST ANNUAL MEAN	294		1995
LOWEST ANNUAL MEAN	154		1990
HIGHEST DAILY MEAN	1740	Oct 12	1990
LOWEST DAILY MEAN	85	* Jul 11	1990
ANNUAL SEVEN-DAY MINIMUM	86	Jul 6	1990
INSTANTANEOUS PEAK FLOW	2040	Oct 12	1990
INSTANTANEOUS PEAK STAGE	7.87	Oct 12	1990
ANNUAL RUNOFF (CFSM)	1.20		
ANNUAL RUNOFF (INCHES)	16.32		
10 PERCENT EXCEEDS	307		
50 PERCENT EXCEEDS	190		
90 PERCENT EXCEEDS	136		

* Also occurred Jul. 12, 1990.

e Estimated



02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°44'42'', Aiken County, Hydrologic Unit 03060106, near right bank, on downstream side of bridge at SRS Road A, 2.0 mi south of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--203 mi^2.

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Data collection platform. Elevation of gage is 90 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	242	185	204	206	331	204	213	292	146	226	139	133
2	221	188	203	207	543	200	248	318	145	200	136	130
3	199	191	202	295	534	201	228	215	145	185	135	129
4	196	198	201	356	345	203	207	189	150	170	132	128
5	204	199	201	285	296	200	199	181	147	161	129	126
6	205	197	201	226	270	199	192	194	143	160	129	125
7	204	194	202	218	247	200	192	217	142	247	129	125
8	231	194	202	216	238	197	191	207	140	309	128	136
9	243	197	203	216	232	204	232	181	139	188	126	132
10	213	202	203	221	233	234	350	172	138	164	126	158
11	199	205	198	213	235	219	230	169	139	164	126	159
12	193	203	196	209	227	205	198	167	146	348	125	139
13	189	200	199	206	220	199	187	169	145	534	123	132
14	188	201	208	206	216	246	183	171	139	503	125	131
15	186	215	208	254	215	319	186	172	148	374	127	134
16	184	228	229	324	215	279	219	167	252	254	130	156
17	182	237	245	278	214	221	220	163	428	241	141	154
18	182	241	216	280	223	208	192	160	440	210	136	140
19	183	219	205	337	234	201	184	161	260	191	131	139
20	185	214	205	280	225	197	181	171	181	178	179	148
21	185	214	206	230	218	200	179	163	177	169	169	222
22	181	210	203	222	212	213	176	157	171	164	149	266
23	179	205	201	266	209	203	172	158	165	201	141	183
24	180	206	199	592	207	196	170	176	160	173	152	157
25	181	208	249	680	207	213	169	177	163	159	179	152
26	181	208	313	442	207	294	172	159	171	155	175	151
27	181	207	309	285	206	329	171	157	183	150	153	200
28	182	203	251	255	206	245	179	155	220	145	143	253
29	182	201	225	243	---	215	200	151	244	143	147	354
30	183	200	218	236	---	204	214	149	320	149	149	329
31	184	---	211	253	---	201	---	148	---	141	138	---
TOTAL	6028	6170	6716	8737	7165	6849	6034	5586	5687	6756	4347	5021
MEAN	194	206	217	282	256	221	201	180	190	218	140	167
MAX	243	241	313	680	543	329	350	318	440	534	179	354
MIN	179	185	196	206	206	196	169	148	138	141	123	125
CFSM	.96	1.01	1.07	1.39	1.26	1.09	.99	.89	.93	1.07	.69	.82
IN.	1.10	1.13	1.23	1.60	1.31	1.26	1.11	1.02	1.04	1.24	.80	.92

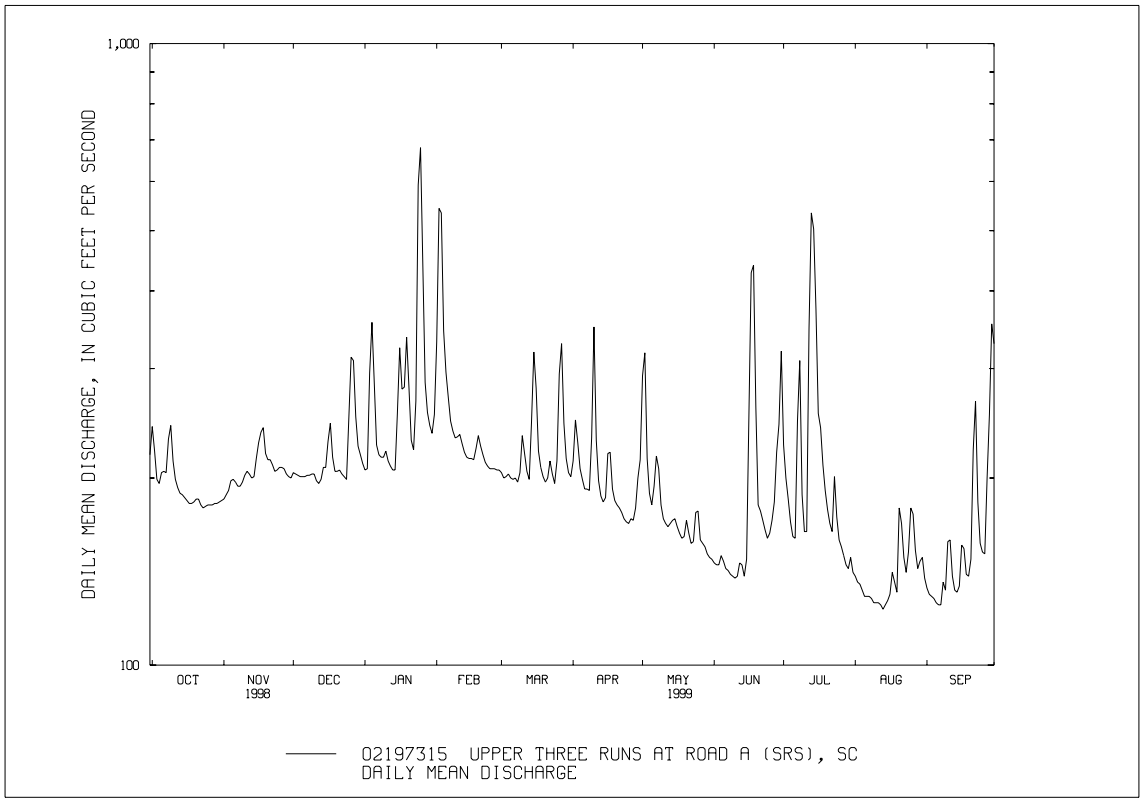
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)

MEAN	222	245	262	290	293	305	264	216	211	209	217	208
MAX	416	348	377	492	461	473	406	368	318	305	419	287
(WY)	1991	1993	1977	1993	1998	1993	1980	1984	1976	1991	1991	1975
MIN	141	171	155	176	174	169	142	129	112	113	130	118
(WY)	1989	1989	1989	1989	1989	1990	1990	1990	1990	1986	1988	1990

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1974 - 1999	
ANNUAL TOTAL	104657		75096			
ANNUAL MEAN	287		206		244	
HIGHEST ANNUAL MEAN					320	1993
LOWEST ANNUAL MEAN					172	1990
HIGHEST DAILY MEAN	1150	Mar 9	680	Jan 25	2000	Oct 13 1990
LOWEST DAILY MEAN	158	Aug 6	123	Aug 13	83	* Jul 7 1990
ANNUAL SEVEN-DAY MINIMUM	162	Aug 1	125	Aug 9	84	Jul 6 1990
INSTANTANEOUS PEAK FLOW			717	Jan 25	2580	Oct 12 1990
INSTANTANEOUS PEAK STAGE			5.38	Jan 25	7.89	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.41		1.01		1.20	
ANNUAL RUNOFF (INCHES)	19.18		13.76		16.36	
10 PERCENT EXCEEDS	460		273		367	
50 PERCENT EXCEEDS	219		199		223	
90 PERCENT EXCEEDS	179		139		149	

* Also occurred Jul. 8, 11, 1990.



02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01'', long 81°46'04'', Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

DRAINAGE AREA.--7,800 mi^2, approximately.

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

GAGE.--Data collection platform. Datum of gage is 77.00 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are fair. 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 sta. 02187250), Richard B. Russell Lake (see sta. 02189004), Thurmond Lake (see sta. 02194500), and affected to some degree by Savannah River Site operations. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 22,000 ft^3/s are not shown.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8530	6520	7260	6340	7980	5990	6840	6830	4830	6420	5480	7720
2	8680	6360	7600	5950	12400	5680	6710	6530	5070	7130	5370	7330
3	7290	6990	6710	6140	16600	5450	7110	6360	5410	6820	5350	7870
4	6320	8090	6660	6410	15400	7460	6750	5870	5500	6330	5290	8410
5	6480	8590	6550	7070	10600	7560	6870	6160	5440	5970	5490	7080
6	6660	8380	6180	7740	8950	6110	7740	6240	5220	6070	5230	7670
7	6990	7770	6150	6900	9090	6010	7490	6130	5420	6230	5230	8000
8	7420	6710	6860	6050	8670	6300	7860	5950	5640	6430	4890	8350
9	7520	6640	7240	5990	11700	7670	8710	6370	5330	6070	4990	8460
10	7090	7730	7150	6230	13200	7510	7690	5910	5280	5980	e5920	8290
11	7500	7390	6860	6960	13100	6610	7120	5750	5190	5820	e6580	8090
12	6640	7650	6430	6950	12600	6200	7520	5600	5050	6440	6930	5880
13	6970	7240	6580	6020	11700	6310	7010	5770	5220	7480	7110	5990
14	6940	7590	6830	5990	9660	6950	6990	5690	5280	7380	6210	5930
15	7810	7360	7240	7070	9440	7920	7010	5400	5040	6790	6260	6530
16	8150	7230	7640	6730	9030	11100	7310	5000	5710	6700	6550	5840
17	7130	7380	7930	6570	7630	10600	6500	5080	7770	7020	8020	5310
18	6200	7210	7400	7330	7400	7380	5460	6010	9020	6520	8790	5160
19	5880	7720	7270	9190	7220	6820	6000	6500	6500	6440	8860	4710
20	5740	7460	6730	7820	7250	6610	6850	5580	5650	6390	8560	4840
21	5650	8250	6350	6960	5870	6200	6950	5340	5550	6060	8610	5610
22	6940	6850	6610	7380	6330	6320	6680	5420	5580	5620	7320	5790
23	7020	6570	6490	7960	7870	7180	6820	5910	5590	6700	5970	5520
24	5950	8120	6480	7470	8600	7620	6490	5960	5550	7020	7370	5400
25	5810	9110	7180	8780	7950	7290	6420	5800	5580	6140	8490	5110
26	7620	8860	6750	10300	6890	7480	6360	5760	5590	6050	8200	5290
27	14900	6690	6530	8620	5590	7550	5890	5810	5600	6950	8270	5570
28	17000	6120	6400	7190	5760	7220	6030	5290	5550	7040	7860	6840
29	14600	6880	6240	6600	---	6760	7180	5010	5970	5960	6740	7290
30	8680	7030	6250	6450	---	6440	6680	5400	6020	5720	6220	5950
31	6530	---	5860	6820	---	7020	---	5040	---	5550	7430	---
TOTAL	242640	222490	210410	219980	264480	219320	207040	179470	170150	199240	209590	195830
MEAN	7827	7416	6787	7096	9446	7075	6901	5789	5672	6427	6761	6528
MAX	17000	9110	7930	10300	16600	11100	8710	6830	9020	7480	8860	8460
MIN	5650	6120	5860	5950	5590	5450	5460	5000	4830	5550	4890	4710
CFSM	1.00	.95	.87	.91	1.21	.91	.88	.74	.73	.82	.87	.84
IN.	1.16	1.06	1.00	1.05	1.26	1.05	.99	.86	.81	.95	1.00	.93

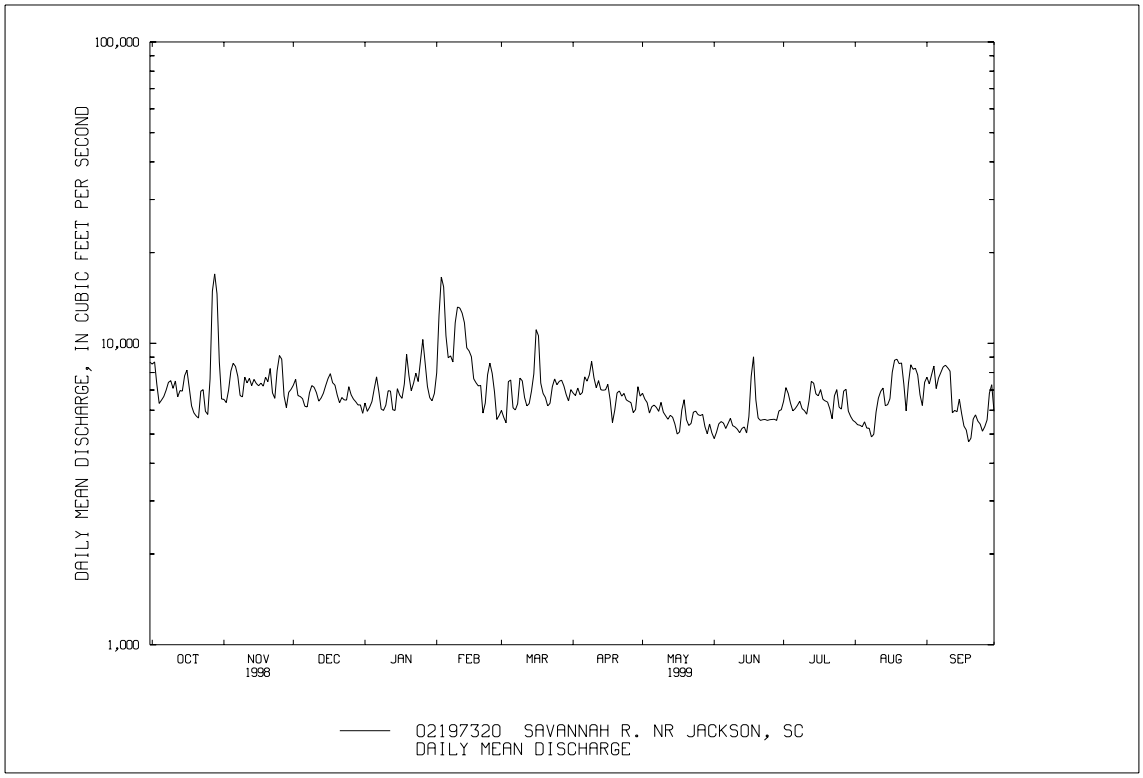
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1999, BY WATER YEAR (WY)

MEAN	7750	7609	9264	10400	10890	8937	8946	8311	8258	7340	7678	7425
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	4750	5162	5833	5728	5461	4720	4560	4530	4628	5423
(WY)	1987	1982	1989	1989	1989	1988	1988	1988	1988	1988	1988	1988

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1972 - 1999	
LOWEST DAILY MEAN	4710	Sep 19	3220	Dec 9 1981
INSTANTANEOUS PEAK FLOW	17300	Oct 28	Unknown	Apr 11 1983
INSTANTANEOUS PEAK STAGE	15.23	Oct 28	21.57	Apr 11 1983

e Estimated



02197323 D-006 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12''. long 81°44'38'', Barnwell County, Hydrologic Unit 03060106, on upstream side of culvert, on the west side of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above sea level (from topographic map). Prior to Nov. 9, 1990, at site 200 ft downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	1.9	1.9	1.8	4.6	2.2	2.3	2.2	2.0	2.1	1.5	1.4
2	2.2	1.9	1.9	2.1	2.5	2.2	2.3	2.2	2.0	1.7	1.4	1.4
3	2.1	2.0	1.9	2.6	2.3	2.2	2.3	2.2	1.9	1.5	1.4	1.4
4	2.1	1.9	1.9	1.9	2.3	2.2	2.3	2.2	1.9	1.5	1.4	1.4
5	2.1	1.9	1.9	1.9	2.2	2.2	2.3	2.2	1.9	1.5	1.4	1.4
6	2.1	1.9	1.8	2.0	2.1	2.2	2.2	2.2	1.9	1.5	1.4	1.4
7	2.1	1.9	1.8	1.9	2.2	2.2	2.3	2.1	1.9	1.6	1.4	1.4
8	2.1	1.9	1.9	1.8	2.2	2.2	2.2	2.0	1.9	1.5	1.4	1.4
9	2.0	1.9	1.9	1.8	2.1	2.3	2.2	2.0	1.9	1.4	1.4	1.5
10	2.0	1.9	1.8	1.8	2.2	2.2	2.3	2.0	2.0	1.4	1.4	1.4
11	2.0	1.9	1.8	1.8	2.1	2.2	2.2	2.0	2.0	2.5	1.4	1.4
12	2.0	1.9	1.8	1.8	2.1	2.1	2.2	2.0	2.0	e4.8	1.4	1.4
13	2.0	1.9	1.9	1.8	2.0	2.1	2.2	2.1	1.9	2.8	1.4	1.4
14	2.0	1.9	1.8	2.0	2.0	2.9	2.2	2.1	2.0	1.8	1.4	1.4
15	2.0	1.9	1.9	2.5	2.2	2.3	2.2	2.0	2.0	e2.5	1.3	.85
16	2.0	1.9	1.8	1.9	2.3	2.2	2.2	2.0	e9.1	2.8	1.3	.27
17	2.0	1.9	1.7	1.9	2.3	2.1	2.2	2.0	3.2	1.9	1.3	.18
18	2.0	1.9	1.7	2.8	2.4	2.1	2.2	2.0	2.2	1.8	1.3	.17
19	2.0	1.9	1.8	2.0	2.4	2.2	2.2	2.0	2.2	1.7	1.3	.17
20	2.0	1.9	1.8	2.0	2.3	2.2	2.2	2.0	2.2	1.6	e6.8	.23
21	2.0	1.9	1.8	2.0	2.3	2.3	2.2	2.0	2.2	1.6	1.6	.23
22	2.0	1.9	1.8	2.0	2.2	2.2	2.2	2.0	2.1	1.6	1.5	.17
23	2.0	1.9	1.7	e5.2	2.2	2.2	2.2	2.0	1.6	1.6	1.5	.16
24	1.9	1.9	1.8	3.7	2.1	2.2	2.2	2.0	1.6	1.6	2.0	.16
25	1.9	1.9	2.0	2.2	2.1	2.9	2.2	2.0	1.6	1.5	1.7	.16
26	1.9	1.9	2.0	2.1	2.2	3.0	2.2	2.0	1.6	1.5	1.5	.16
27	1.9	1.9	2.0	2.1	2.2	2.3	2.2	2.0	1.6	1.5	1.5	.37
28	1.9	1.9	1.9	2.0	2.2	2.3	2.2	1.9	1.9	1.5	1.5	.36
29	1.9	1.9	1.8	2.0	---	2.2	2.2	2.0	2.6	1.5	1.5	.32
30	1.9	1.9	1.8	2.0	---	2.2	2.7	2.0	1.6	1.5	1.5	.19
31	1.9	---	1.8	2.0	---	2.3	---	2.0	---	1.5	1.4	---
TOTAL	62.2	57.1	57.1	67.4	64.3	70.6	67.2	63.4	66.5	56.8	50.2	23.85
MEAN	2.01	1.90	1.84	2.17	2.30	2.28	2.24	2.05	2.22	1.83	1.62	.80
MAX	2.2	2.0	2.0	5.2	4.6	3.0	2.7	2.2	9.1	4.8	6.8	1.5
MIN	1.9	1.9	1.7	1.8	2.0	2.1	2.2	1.9	1.6	1.4	1.3	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1999, BY WATER YEAR (WY)

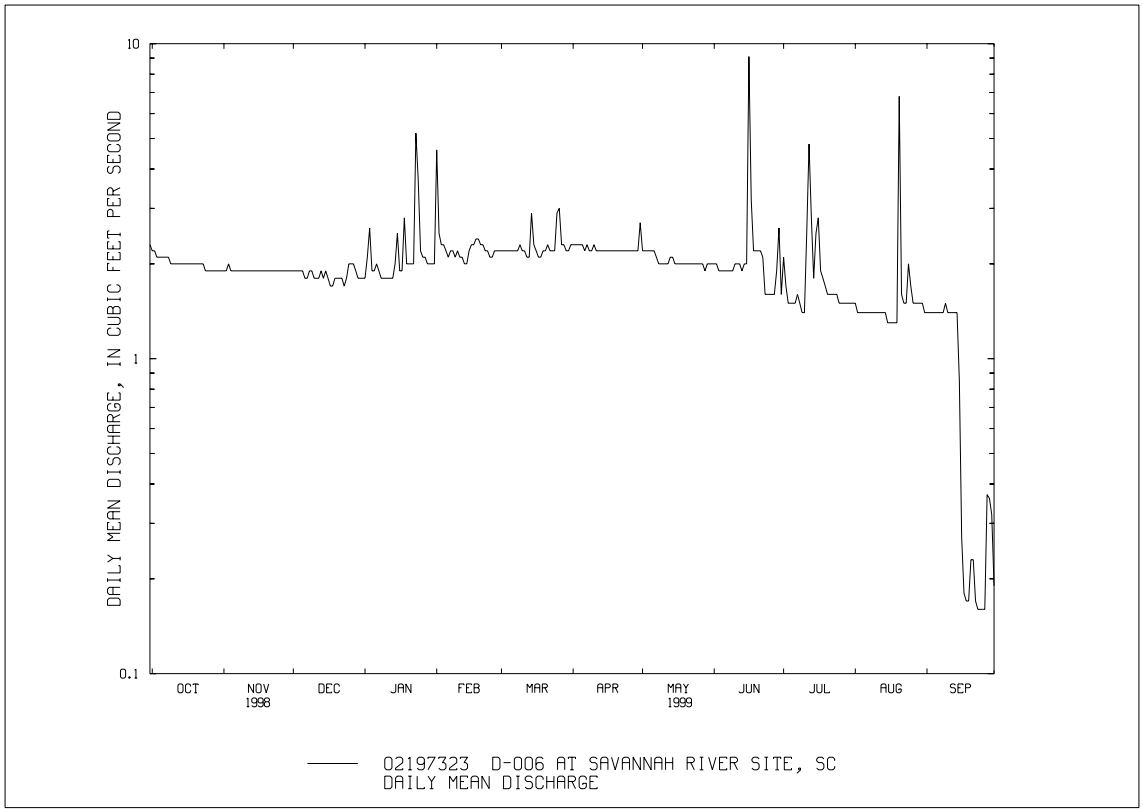
MEAN	2.61	2.60	2.51	2.82	2.74	2.80	2.42	2.20	2.30	2.54	2.49	2.39
MAX	3.88	3.54	3.36	5.30	5.19	6.00	4.83	4.29	4.04	4.04	3.45	3.10
(WY)	1990	1993	1995	1993	1993	1993	1998	1998	1993	1991	1991	1984
MIN	1.64	1.90	1.80	1.53	1.55	.78	.56	.96	.94	1.69	1.62	.80
(WY)	1988	1999	1987	1989	1989	1992	1992	1986	1991	1990	1999	1999

02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1984 - 1999	
ANNUAL TOTAL	1141.0		706.65			
ANNUAL MEAN	3.13		1.94		2.53	
HIGHEST ANNUAL MEAN					3.82	1993
LOWEST ANNUAL MEAN					1.94	1999
HIGHEST DAILY MEAN	18	Mar 8	9.1	Jun 16	18	Mar 8 1998
LOWEST DAILY MEAN	1.7	Dec 17	.16 *	Sep 23	.16	Sep 23 1999
ANNUAL SEVEN-DAY MINIMUM	1.8	Dec 17	.18	Sep 20	.18	Sep 20 1999
INSTANTANEOUS PEAK FLOW			Unknown	Aug 20	Unknown	Oct 1 1989
INSTANTANEOUS PEAK STAGE			4.70	Aug 20	5.51	Jun 10 1993
10 PERCENT EXCEEDS	5.1		2.3		3.4	
50 PERCENT EXCEEDS	2.4		2.0		2.4	
90 PERCENT EXCEEDS	1.9		1.4		1.5	

* Also occurred Sep. 24-26.

e Estimated



02197324 D-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'07'', long 81°44'34'', Barnwell County, Hydrologic Unit 03060106, at downstream end of pipe culvert, 60 ft southwest of D-Area, 1.1 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.07	.07	.07	.06	.20	.09	.09	.07	.06	.12	.06	.07
2	.06	.07	.07	e.13	.07	.08	.08	.07	.06	.06	.06	.07
3	.06	.07	.07	.09	.07	.08	.08	.07	.06	.06	.06	.07
4	.07	.07	.07	.07	.07	.08	.08	.07	.06	.06	.06	.07
5	.06	.07	.06	.07	.06	.08	.08	.10	.06	.06	.06	.07
6	.06	.07	.06	.07	.06	.08	.08	.09	.06	.07	.05	.07
7	.07	.07	.07	.07	.06	.08	.08	.07	.06	.08	.05	.07
8	.07	.07	.07	.07	.06	.08	.08	.07	.06	.06	.05	.06
9	.06	.07	.07	.07	.06	.09	.08	.07	.06	.06	.06	.11
10	.06	.07	.08	.07	.07	.08	.08	.07	.06	.07	.06	.06
11	.06	.07	.07	.07	.07	.08	.08	.07	.07	e.17	.06	.06
12	.06	.07	.07	.07	.07	.08	.08	.09	.06	e.23	.06	.05
13	.06	.07	.07	.07	.07	.08	.08	.11	.06	.06	.06	.05
14	.06	.07	.07	.09	.07	.14	.08	.07	.06	.06	.07	.05
15	.06	.07	.07	.12	.07	.08	.08	.08	.06	e.13	.06	.06
16	.06	.08	.07	.07	.08	.08	.07	.08	e.33	.08	.06	.06
17	.06	.07	.07	.08	.08	.08	.07	.08	.05	.04	.08	.05
18	.06	.07	.07	.14	.08	.08	.07	.07	.05	.05	.07	.05
19	.06	.07	.07	.07	.08	.09	.07	.07	.05	.04	e.12	.05
20	.06	.07	.07	.07	.08	.08	.07	.07	.05	.04	e.35	.08
21	.06	.06	.07	.08	.08	.08	.07	.07	.05	.05	.07	.06
22	.07	.06	.07	.08	.08	.08	.07	.07	.05	.05	.07	.05
23	.07	.07	.07	e.20	.08	.08	.07	.07	.06	.05	.07	.05
24	.07	.07	.08	.12	.08	.08	.07	.07	.06	.05	e.14	.05
25	.07	.07	.11	.07	.08	.13	.07	.07	.07	.05	.07	.05
26	.07	.07	.09	.07	.08	.12	.07	.07	.07	.05	.07	.05
27	.07	.07	.07	.07	.08	.08	.07	.06	.08	.05	.07	.11
28	.07	.07	.06	.07	.08	.08	.08	.06	.06	.05	.07	.08
29	.07	.07	.06	.07	---	.08	.07	.06	.16	.05	.07	e.08
30	.07	.07	.06	.07	---	.08	.16	.06	.06	.06	.07	.05
31	.07	---	.06	.07	---	.08	---	.06	---	.06	.07	---
TOTAL	2.00	2.09	2.19	2.59	2.17	2.66	2.36	2.26	2.16	2.17	2.40	1.91
MEAN	.065	.070	.071	.084	.078	.086	.079	.073	.072	.070	.077	.064
MAX	.07	.08	.11	.20	.20	.14	.16	.11	.33	.23	.35	.11
MIN	.06	.06	.06	.06	.06	.08	.07	.06	.05	.04	.05	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1999, BY WATER YEAR (WY)

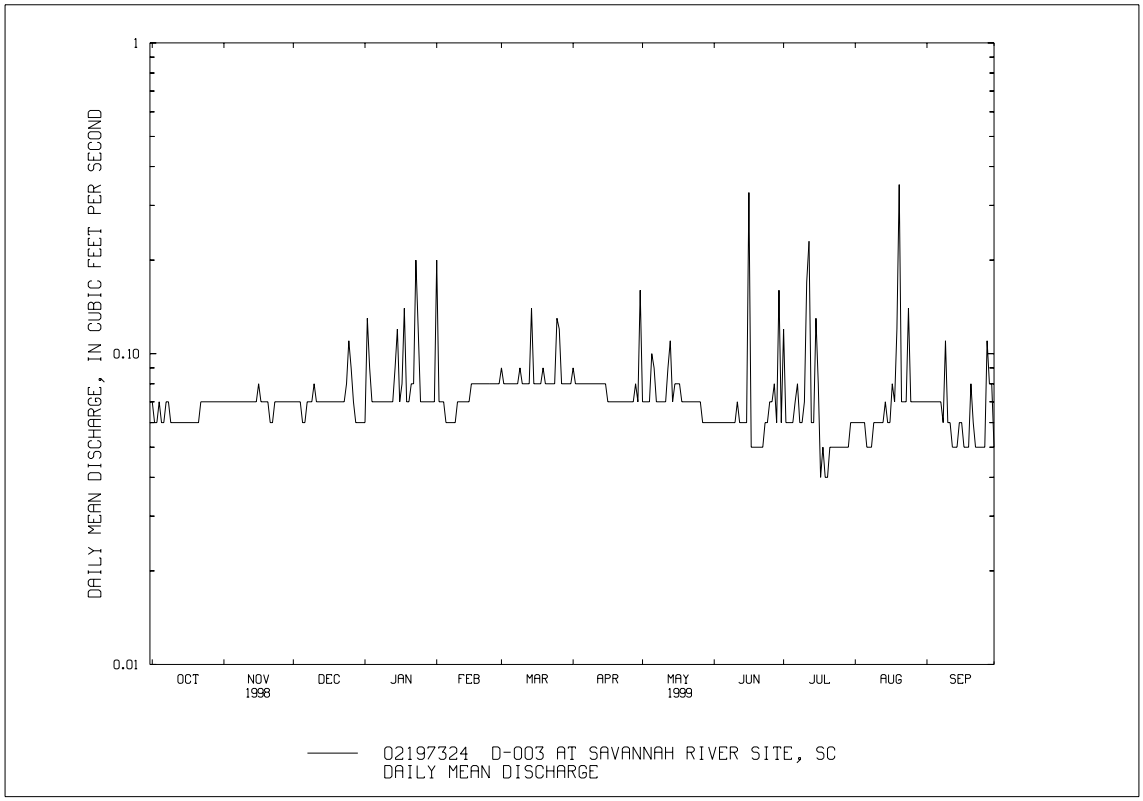
MEAN	.11	.11	.12	.10	.092	.087	.084	.086	.10	.10	.13	.12
MAX	.49	.50	.46	.44	.39	.35	.38	.46	.62	.59	.64	.48
(WY)	1994	1994	1993	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	.017	.003	.011	.004	.009	.003	.000	.000	.000	.000	.013	.023
(WY)	1996	1995	1995	1995	1995	1995	1995	1995	1995	1995	1997	1997

02197324 D-003 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1984 - 1999	
ANNUAL TOTAL	24.33		26.96			
ANNUAL MEAN	.067		.074		.11	
HIGHEST ANNUAL MEAN					.48	1994
LOWEST ANNUAL MEAN					.013	1995
HIGHEST DAILY MEAN	.52	Sep 3	.35	Aug 20	1.2	Jun 27 1994
LOWEST DAILY MEAN	.00 **	Jan 1	.04	Jul 17	.00 *	Jun 23 1986
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.05	Jul 17	.00	Jun 25 1986
INSTANTANEOUS PEAK FLOW			Unknown	Aug 19	Unknown	Oct 1 1989
INSTANTANEOUS PEAK STAGE			4.42	Aug 19	4.95	Oct 1 1989
10 PERCENT EXCEEDS	.09		.08		.22	
50 PERCENT EXCEEDS	.07		.07		.07	
90 PERCENT EXCEEDS	.01		.06		.02	

* No flow also occurred many days in 1986, 1995, 1996, 1997, and 1998.
** Also occurred many days in January.

e Estimated



02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'12'', long 81°45'05'', Barnwell County, Hydrologic Unit 03060106, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D, at Savannah River Site.

DRAINAGE AREA.--0.73 mi^2.

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 108 ft above sea level (from topographic map). Prior to October 1, 1998, at datum 2.0 ft higher.

REMARKS.--Records poor. Flow regulated by Savannah River Site operations and South Carolina Electric and Gas Company 1.0 mi upstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	77	90	82	91	88	90	91	109	113	114	117
2	83	77	89	82	90	87	90	90	109	113	115	116
3	83	78	87	84	89	87	96	96	110	111	116	117
4	82	79	81	83	89	87	90	111	109	111	115	117
5	82	79	81	83	90	88	91	112	109	111	115	116
6	81	78	82	83	88	88	92	112	109	113	115	116
7	85	78	82	83	88	88	95	111	109	113	115	117
8	88	79	82	82	88	88	97	111	109	113	114	117
9	88	87	82	82	89	90	93	111	109	112	115	117
10	87	96	82	81	90	90	112	111	108	111	117	121
11	88	108	86	63	90	94	112	111	108	113	117	121
12	89	109	102	63	90	90	112	111	108	117	117	119
13	89	107	103	62	90	90	110	111	108	119	117	119
14	89	89	103	62	90	92	112	111	108	115	111	119
15	89	89	104	64	90	91	112	110	108	114	117	120
16	89	90	104	72	90	92	103	110	117	104	116	119
17	88	93	105	85	89	92	90	110	114	95	118	119
18	89	91	64	87	89	90	90	110	93	93	117	118
19	90	94	61	87	89	90	90	110	89	91	117	117
20	88	89	74	86	89	89	90	110	88	91	130	119
21	81	90	84	84	88	89	90	109	94	90	120	119
22	81	89	61	85	88	93	89	109	89	90	117	119
23	81	89	61	91	89	103	90	109	89	101	116	117
24	80	89	61	92	89	112	90	110	89	109	120	116
25	82	89	63	85	90	114	90	110	90	109	121	115
26	77	89	63	84	89	112	89	110	90	111	120	115
27	66	88	63	82	87	91	96	110	91	112	119	116
28	83	88	65	83	87	90	97	109	112	112	118	119
29	82	88	91	85	---	90	90	109	113	111	116	117
30	78	87	90	85	---	90	90	109	114	110	115	116
31	77	---	89	85	---	90	---	109	---	111	117	---
TOTAL	2599	2653	2535	2497	2495	2865	2878	3363	3102	3339	3627	3530
MEAN	83.8	88.4	81.8	80.5	89.1	92.4	95.9	108	103	108	117	118
MAX	90	109	105	92	91	114	112	112	117	119	130	121
MIN	66	77	61	62	87	87	89	90	88	90	111	115

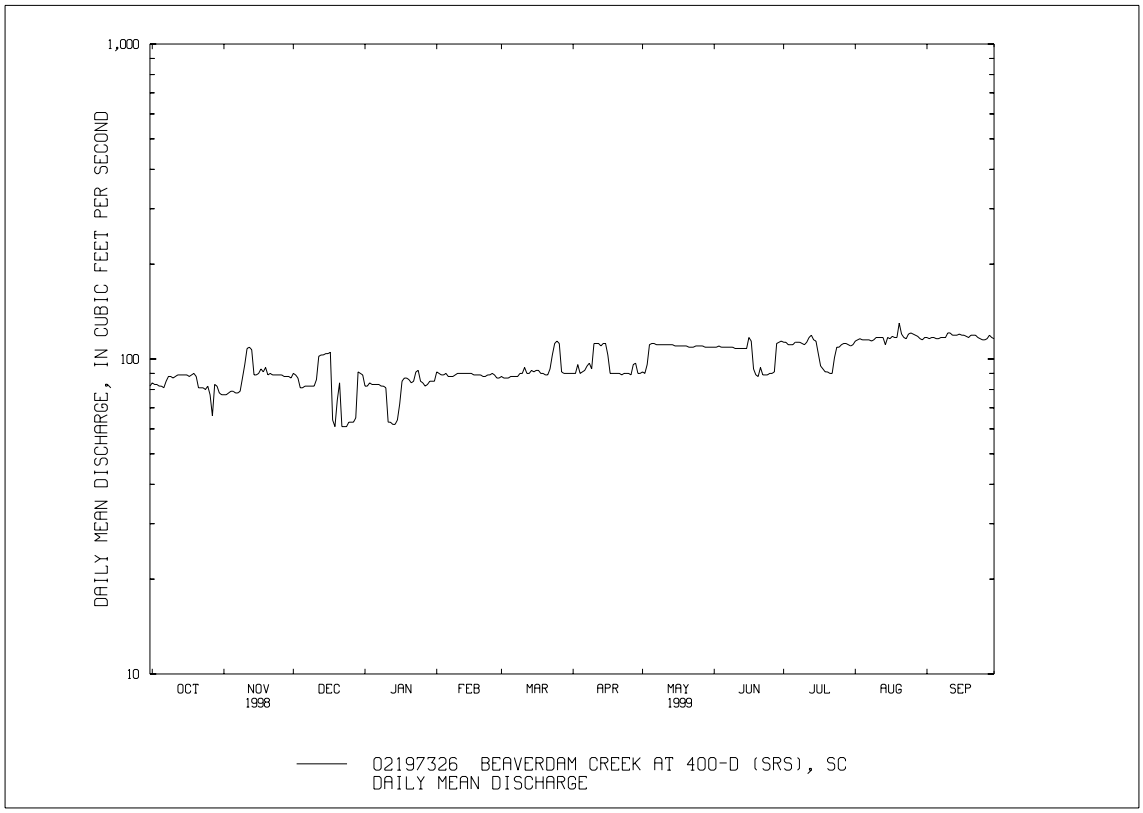
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)

MEAN	81.7	77.7	75.2	73.1	75.8	78.8	80.8	82.5	87.0	93.1	92.7	88.9
MAX	100	101	97.7	98.9	129	118	115	114	109	113	117	118
(WY)	1987	1986	1983	1998	1998	1998	1998	1998	1975	1974	1999	1999
MIN	58.6	58.5	59.2	24.4	54.1	58.6	59.6	55.8	59.3	68.9	68.7	60.8
(WY)	1996	1977	1997	1975	1997	1992	1990	1990	1988	1989	1992	1992

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1974 - 1999	
ANNUAL TOTAL	36536		35483			
ANNUAL MEAN	100		97.2		81.9	
HIGHEST ANNUAL MEAN					98.2	1998
LOWEST ANNUAL MEAN					66.6	1989
HIGHEST DAILY MEAN	135	Feb 4	130	Aug 20	135	Feb 4 1998
LOWEST DAILY MEAN	61	** Dec 19	61	** Dec 19	14	Jan 23 1975
ANNUAL SEVEN-DAY MINIMUM	62	Dec 22	62	Dec 22	16	Jan 14 1975
INSTANTANEOUS PEAK FLOW			166	Aug 20	* 224	Jun 29 1984
INSTANTANEOUS PEAK STAGE			3.47	Aug 20	3.47	Aug 20 1999
10 PERCENT EXCEEDS	125		117		105	
50 PERCENT EXCEEDS	105		91		83	
90 PERCENT EXCEEDS	79		82		62	

* From rating curve extended above 110 ft^3/s, datum then in use.
** Also occurred Dec. 22-24.



02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'31'', long 81°39'12'', Barnwell County, Hydrologic Unit 03060106, located on Fourmile Creek, on left bank, approximately 100 ft upstream of SRS Road 4, 0.8 mi southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--5.95 mi^2.

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Datum of gage is 198.9 ft above sea level (by Global Positioning System and Department of Energy benchmarks).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	1.6	2.2	2.9	15	3.1	2.7	2.7	1.8	5.5	2.8	1.5
2	2.7	1.6	2.2	3.3	7.5	3.0	2.6	2.7	1.8	6.5	2.6	1.5
3	1.9	1.5	2.1	10	4.3	3.0	2.6	2.1	1.9	3.9	2.5	1.5
4	1.8	1.8	2.1	3.5	5.2	3.0	2.5	2.0	2.3	3.7	2.3	1.3
5	1.8	1.8	2.3	2.8	3.6	3.0	2.5	1.8	2.5	3.1	2.1	e1.4
6	1.8	1.7	2.2	3.4	3.0	2.9	2.4	2.1	e1.6	3.6	2.2	e1.4
7	1.9	1.6	2.3	3.0	3.1	3.0	2.4	2.1	1.5	12	2.0	e1.4
8	2.1	1.6	2.5	2.8	3.0	3.0	2.4	1.9	1.5	7.7	1.9	e1.4
9	1.9	1.5	2.7	3.0	2.9	3.2	2.3	1.8	1.5	5.0	1.7	e1.5
10	2.0	1.6	2.6	3.6	3.2	3.1	2.3	1.8	1.5	3.5	1.5	e1.5
11	2.0	1.6	2.2	2.6	3.0	3.0	2.3	1.9	1.8	9.7	1.5	e1.5
12	2.0	1.6	2.4	2.9	3.3	2.9	2.1	1.9	1.5	14	1.4	e1.6
13	1.9	1.5	2.4	2.6	3.3	3.0	2.0	2.0	1.3	18	1.5	e1.7
14	1.8	1.5	2.2	3.0	3.3	3.7	1.9	1.7	e1.2	12	1.5	e1.7
15	1.7	1.5	2.9	8.6	3.4	3.3	2.0	1.9	e1.2	8.7	1.4	1.8
16	1.7	1.6	3.5	3.3	3.5	2.9	2.1	1.9	e5.0	6.2	1.5	1.3
17	1.7	1.7	3.0	2.8	3.6	2.9	1.9	1.8	16	6.5	1.4	1.4
18	1.6	e2.2	3.0	8.1	3.6	2.9	1.7	e1.9	3.1	5.8	1.4	1.4
19	1.7	2.6	2.8	3.4	3.5	2.8	1.7	e1.7	3.2	5.5	1.5	1.4
20	1.7	1.8	2.7	3.5	3.5	2.8	1.8	e1.6	2.4	5.5	3.4	1.9
21	1.6	2.1	2.7	3.7	3.5	2.8	1.7	e1.5	3.1	6.1	2.2	1.5
22	1.5	2.1	2.7	3.8	3.5	2.8	1.9	e1.6	2.1	10	3.1	1.4
23	1.6	1.8	2.5	18	3.5	2.7	2.0	e1.5	2.0	8.5	2.2	1.6
24	1.6	1.8	2.8	12	3.4	2.7	2.1	e1.4	2.1	7.3	1.9	1.7
25	1.5	1.8	6.1	2.9	3.5	3.2	2.1	e1.5	2.5	4.6	1.8	1.9
26	1.5	1.9	5.9	1.7	3.4	3.6	2.1	e1.6	2.5	4.2	1.8	2.1
27	1.5	1.9	3.4	1.5	3.4	2.9	2.1	1.6	2.9	3.9	1.7	2.5
28	1.5	1.7	3.1	1.9	3.4	2.9	2.2	1.5	4.3	3.8	1.9	3.3
29	1.6	1.9	3.7	3.1	---	2.7	2.2	e1.5	e9.6	3.5	1.7	2.5
30	1.6	2.1	3.0	4.2	---	2.6	2.9	e1.5	9.2	3.6	1.6	2.3
31	1.6	---	2.7	5.7	---	2.6	---	1.9	---	3.1	1.4	---
TOTAL	55.3	53.0	88.9	137.6	112.4	92.0	65.5	56.4	94.9	205.0	59.4	50.9
MEAN	1.78	1.77	2.87	4.44	4.01	2.97	2.18	1.82	3.16	6.61	1.92	1.70
MAX	2.7	2.6	6.1	18	15	3.7	2.9	2.7	16	18	3.4	3.3
MIN	1.5	1.5	2.1	1.5	2.9	2.6	1.7	1.4	1.2	3.1	1.4	1.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1999, BY WATER YEAR (WY)

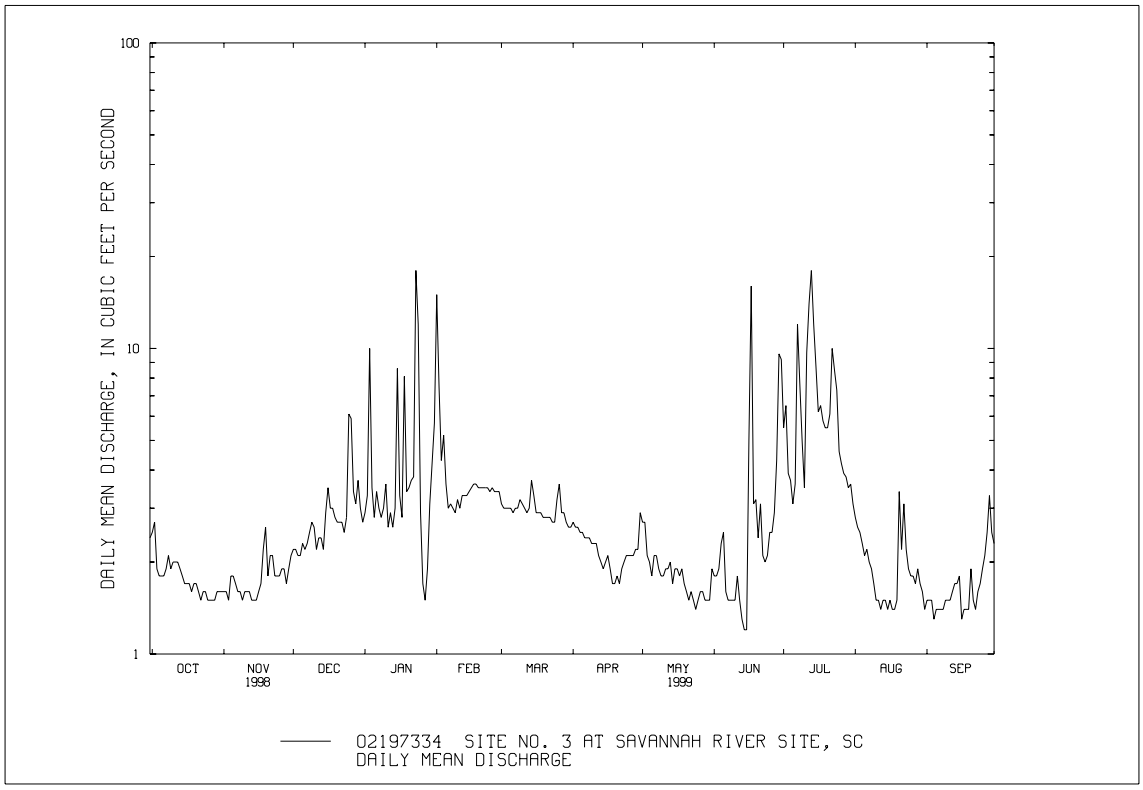
MEAN	5.06	5.55	6.90	9.07	11.2	11.9	9.16	6.34	5.12	5.52	5.76	5.11
MAX	17.5	11.9	12.8	20.3	31.2	27.4	20.0	22.2	9.11	20.0	22.5	14.0
(WY)	1991	1980	1977	1993	1973	1993	1973	1984	1984	1991	1991	1979
MIN	1.78	1.77	2.87	3.15	3.46	2.97	2.18	1.82	2.16	1.75	1.92	1.70
(WY)	1999	1999	1999	1989	1989	1999	1999	1999	1990	1980	1999	1999

02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1973 - 1999	
ANNUAL TOTAL	2552.4		1071.3			
ANNUAL MEAN	6.99		2.94		6.95	
HIGHEST ANNUAL MEAN					13.6	1991
LOWEST ANNUAL MEAN					2.94	1999
HIGHEST DAILY MEAN	120	Mar 9	18 **	Jan 23	155	Aug 2 1991
LOWEST DAILY MEAN	1.2 *	Sep 7	1.2 ***	Jun 14	.61	Jun 6 1974
ANNUAL SEVEN-DAY MINIMUM	1.3	Sep 6	1.4	Sep 2	1.3	Sep 6 1998
INSTANTANEOUS PEAK FLOW			Unknown	Jun 29	Unknown	Aug 1 1991
INSTANTANEOUS PEAK STAGE			5.20	Jun 29	5.99	Aug 1 1991
10 PERCENT EXCEEDS	14		4.3		13	
50 PERCENT EXCEEDS	3.2		2.3		5.1	
90 PERCENT EXCEEDS	1.6		1.5		2.6	

* Also occurred Sep. 8.
** Also occurred Jul. 13.
*** Also occurred Jun. 15.

e Estimated



02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'50'', long 81°40'15'', Aiken County, Hydrologic Unit 03060106, at upstream end of pipe culvert at SRS Road E, 600 ft southeast of Area F, 0.5 mi east of SRS Road C, at Savannah River Site.

DRAINAGE AREA.--0.28 mi^2.

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Datum of gage is 250.6 ft above sea level (by Global Positioning System and Department of Energy benchmarks).

REMARKS.--No estimated daily discharges. Records fair. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.6	2.1	1.8	5.9	1.8	2.3	2.2	2.1	3.2	2.0	2.2
2	1.5	1.6	2.1	2.8	2.2	2.0	2.9	2.1	2.0	2.1	2.1	2.3
3	1.6	2.1	2.1	3.0	2.0	2.4	3.2	2.4	2.1	2.1	1.9	2.3
4	1.7	2.4	1.7	2.1	2.1	2.4	1.9	2.3	2.1	2.0	2.3	2.2
5	1.6	2.1	1.8	2.0	2.7	2.3	2.0	2.3	2.0	2.0	2.0	2.1
6	1.8	2.2	1.7	2.1	2.9	2.1	2.1	2.6	2.1	2.4	1.9	2.3
7	2.9	1.6	1.8	2.0	1.9	2.0	2.0	2.1	2.1	4.4	2.0	2.2
8	2.7	1.9	1.8	2.0	2.2	2.1	2.0	2.1	2.1	2.2	2.0	2.3
9	2.1	2.0	1.8	2.1	2.0	2.7	2.1	2.2	2.0	2.0	1.9	2.4
10	1.9	1.8	1.6	1.9	2.1	2.2	2.1	2.1	2.1	2.2	1.9	2.3
11	1.6	2.3	1.8	1.7	1.9	2.0	2.3	1.9	2.2	5.1	1.9	2.2
12	1.6	2.2	1.7	1.7	1.9	2.1	.78	2.1	2.4	5.5	1.8	2.2
13	1.6	2.1	1.8	1.7	1.9	2.3	.81	2.1	2.0	3.4	2.0	2.3
14	1.9	1.8	1.6	2.4	1.8	3.7	.93	2.1	2.2	2.4	2.0	2.4
15	2.1	1.8	1.9	2.4	2.0	3.7	1.2	1.9	2.2	2.3	2.1	2.9
16	2.0	2.2	1.8	3.3	2.0	2.8	1.2	2.0	8.6	3.2	2.6	2.2
17	1.9	2.2	1.9	2.4	2.3	2.2	2.4	2.0	2.2	3.6	3.0	2.4
18	2.0	2.0	2.1	3.0	2.2	2.3	2.5	2.0	2.2	3.1	2.5	2.6
19	2.0	1.9	2.0	1.9	2.2	2.3	2.6	2.9	3.4	2.2	2.2	2.3
20	2.1	2.1	1.9	1.9	2.2	2.3	1.8	3.4	2.3	2.3	3.6	4.6
21	2.1	1.7	1.4	1.8	2.5	3.0	1.9	2.5	2.0	2.1	2.3	2.6
22	1.7	1.7	1.4	1.9	2.4	2.8	1.9	2.3	2.0	2.2	2.2	2.3
23	1.6	2.1	2.3	6.4	2.1	2.4	1.9	2.2	2.0	2.1	2.2	2.3
24	2.0	2.0	1.8	4.0	3.6	2.4	2.0	2.0	2.0	2.1	2.9	2.5
25	1.9	1.8	2.3	3.2	2.3	3.8	2.1	2.0	2.4	2.0	2.2	3.7
26	1.9	1.7	2.3	3.3	2.3	3.0	2.1	2.1	2.3	2.1	2.1	3.6
27	1.9	1.8	3.3	2.5	2.0	2.3	2.1	2.1	2.3	2.0	2.4	3.2
28	1.8	1.8	3.2	2.3	1.8	1.9	2.2	2.1	3.0	2.0	3.5	7.1
29	1.7	1.8	1.9	2.0	---	2.1	2.1	2.0	6.9	2.2	2.6	3.2
30	1.7	1.6	1.6	2.1	---	2.0	3.5	2.0	3.1	2.2	2.5	3.5
31	1.5	---	1.8	2.1	---	2.2	---	2.1	---	2.0	2.2	---
TOTAL	58.0	57.9	60.3	75.8	65.4	75.6	60.92	68.2	78.4	80.7	70.8	82.7
MEAN	1.87	1.93	1.95	2.45	2.34	2.44	2.03	2.20	2.61	2.60	2.28	2.76
MAX	2.9	2.4	3.3	6.4	5.9	3.8	3.5	3.4	8.6	5.5	3.6	7.1
MIN	1.5	1.6	1.4	1.7	1.8	1.8	.78	1.9	2.0	2.0	1.8	2.1

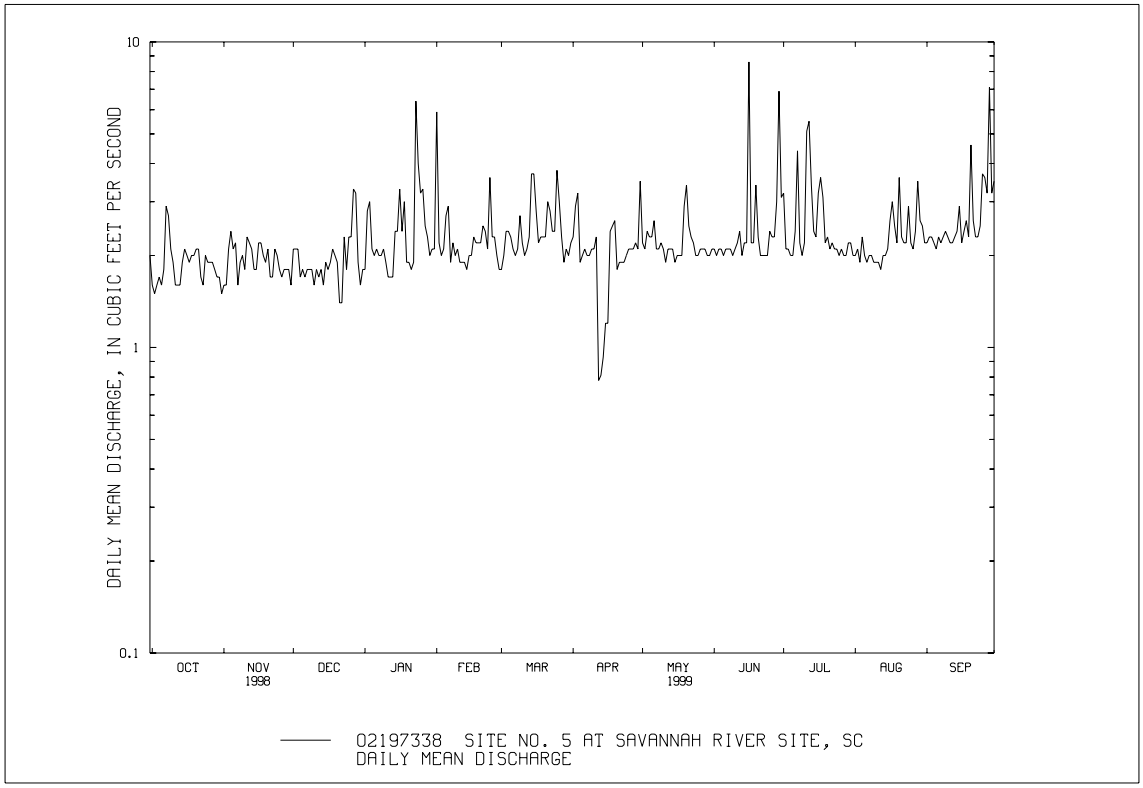
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1999, BY WATER YEAR (WY)

MEAN	2.71	2.62	2.68	2.92	3.13	2.91	2.67	2.64	2.90	2.64	2.54	2.49
MAX	4.66	3.79	4.06	4.07	4.68	4.80	5.12	4.44	4.84	4.16	4.84	4.24
(WY)	1991	1983	1990	1986	1985	1998	1998	1998	1995	1984	1988	1989
MIN	1.15	1.57	1.69	1.73	1.94	1.57	1.92	1.48	1.96	1.42	1.45	1.08
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1980	1990	1992	1990

02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1973 - 1999	
ANNUAL TOTAL	1176.0		834.72			
ANNUAL MEAN	3.22		2.29		2.76	
HIGHEST ANNUAL MEAN					3.74	1989
LOWEST ANNUAL MEAN					1.72	1992
HIGHEST DAILY MEAN	14	Mar 8	8.6	Jun 16	48	Oct 12 1990
LOWEST DAILY MEAN	1.2 **	Aug 28	.78	Apr 12	.46	Jul 30 1990
ANNUAL SEVEN-DAY MINIMUM	1.5	Aug 24	1.3	Apr 10	.60	Jul 26 1990
INSTANTANEOUS PEAK FLOW			** 109	Jun 16	* 448	Jun 24 1995
INSTANTANEOUS PEAK STAGE			3.77	Jun 16	9.46	Jun 24 1995
10 PERCENT EXCEEDS	5.1		3.0		4.0	
50 PERCENT EXCEEDS	2.8		2.1		2.4	
90 PERCENT EXCEEDS	1.6		1.8		1.7	

* From rating curve extended above 5 ft^3/s based on contracted opening indirect computations.
** Also occurred Sep. 2.



02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'29'', long 81°40'06'', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRS Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--0.57 mi^2.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Datum of gage is 191.2 ft above sea level (by Global Positioning System and Department of Energy benchmarks). Prior to Oct. 12, 1990, at datum 1.0 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	1.9	2.2	1.8	5.5	2.5	2.4	2.1	1.6	2.6	1.9	2.1
2	1.9	1.9	2.2	e3.3	2.4	2.5	2.6	2.0	1.6	2.0	2.0	2.1
3	1.9	2.8	2.2	e4.0	2.2	2.7	2.8	2.1	1.6	2.0	1.9	2.1
4	2.0	3.1	2.0	1.9	2.2	2.8	2.2	2.1	1.6	2.0	2.0	2.1
5	1.9	2.5	2.0	1.8	2.4	2.7	2.2	2.1	1.6	2.0	1.9	2.1
6	2.0	2.3	2.0	1.9	2.5	2.7	2.3	2.3	1.6	2.1	1.8	2.2
7	2.8	1.9	2.1	1.9	2.1	2.6	2.2	2.0	1.5	e5.4	1.9	2.2
8	2.7	2.0	2.0	1.8	2.3	2.6	2.2	2.0	1.5	2.3	2.0	2.2
9	2.2	2.1	2.0	1.9	2.2	2.6	2.3	2.1	1.5	2.0	1.9	2.2
10	2.0	2.0	1.9	1.8	2.3	1.9	2.3	2.0	1.5	2.0	1.9	2.2
11	1.9	2.4	2.0	1.8	2.1	1.7	2.3	1.9	1.5	e6.1	1.9	2.2
12	1.9	2.3	1.9	1.8	2.2	1.7	1.3	2.0	1.6	e6.5	1.9	2.1
13	1.8	2.2	1.9	1.8	2.1	1.8	1.2	2.0	1.5	3.5	1.9	2.2
14	2.0	2.0	1.8	2.1	2.1	2.7	1.2	2.0	1.5	2.2	2.0	2.2
15	2.1	2.1	1.9	2.2	2.2	2.3	1.3	1.9	1.5	2.0	2.1	2.6
16	2.0	2.3	1.9	2.4	2.2	2.0	1.3	1.9	e9.6	2.5	2.4	2.2
17	2.0	2.3	1.9	2.0	2.4	1.7	1.8	1.9	2.5	2.7	2.4	2.3
18	2.0	2.3	1.9	3.0	2.4	1.8	1.9	1.9	2.1	2.4	2.3	2.3
19	2.1	2.1	1.9	1.8	2.4	1.8	1.8	2.2	2.7	2.0	2.1	2.2
20	2.1	2.5	1.9	1.8	2.4	1.8	2.2	2.4	2.2	2.0	3.1	e5.6
21	2.2	2.1	1.7	1.8	2.6	2.1	2.2	2.0	2.0	1.9	2.1	2.4
22	1.9	2.0	1.7	1.8	2.5	2.0	2.2	1.8	2.0	2.0	2.0	2.2
23	1.9	2.1	2.0	e7.4	2.4	1.8	2.2	1.8	2.0	1.9	2.0	2.1
24	2.1	2.2	1.8	4.3	3.0	1.8	2.1	1.7	2.0	2.0	2.4	2.2
25	2.0	2.0	2.1	2.7	2.5	3.1	2.1	1.7	2.3	1.9	2.1	2.9
26	2.1	2.0	2.1	2.7	2.5	2.8	2.1	1.7	2.2	2.0	2.0	3.2
27	2.1	2.0	2.4	2.3	2.4	2.4	2.1	1.7	2.2	1.9	2.2	2.7
28	2.0	2.0	2.4	2.3	2.4	2.2	2.2	1.6	3.0	1.9	2.7	e8.1
29	2.0	2.0	1.9	2.1	---	2.3	2.1	1.6	e7.9	2.0	2.3	2.8
30	2.0	1.9	1.8	2.1	---	2.2	3.1	1.6	2.8	2.0	2.2	2.9
31	1.8	---	1.8	2.1	---	2.2	---	1.6	---	1.9	2.1	---
TOTAL	63.4	65.3	61.3	74.4	68.9	69.8	62.2	59.7	70.7	77.7	65.4	78.9
MEAN	2.05	2.18	1.98	2.40	2.46	2.25	2.07	1.93	2.36	2.51	2.11	2.63
MAX	2.8	3.1	2.4	7.4	5.5	3.1	3.1	2.4	9.6	6.5	3.1	8.1
MIN	1.8	1.9	1.7	1.8	2.1	1.7	1.2	1.6	1.5	1.9	1.8	2.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1999, BY WATER YEAR (WY)

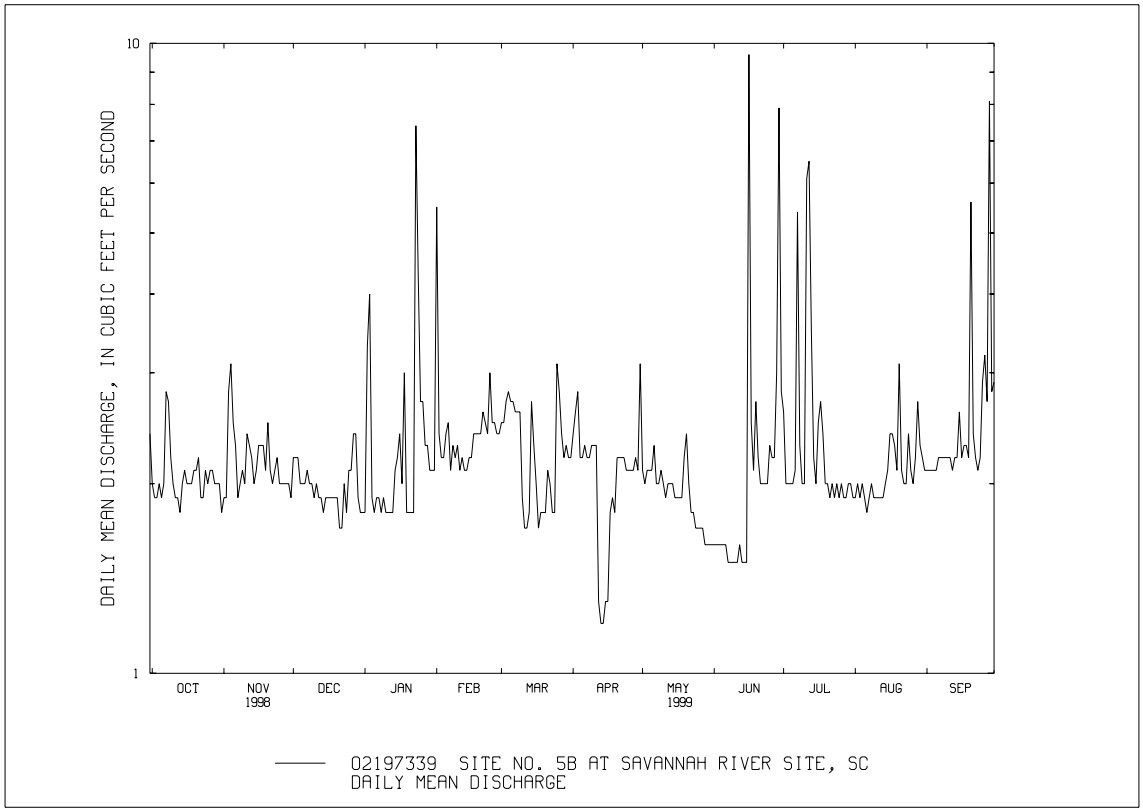
MEAN	2.97	3.01	3.11	3.31	3.47	3.27	3.10	2.93	3.26	2.95	2.86	2.74
MAX	4.84	4.87	4.47	4.62	5.00	5.29	5.38	5.79	4.80	4.71	5.30	4.79
(WY)	1991	1984	1985	1986	1985	1998	1984	1984	1995	1984	1984	1989
MIN	1.46	1.65	1.98	1.83	1.66	2.05	2.07	1.93	2.17	1.46	1.72	.93
(WY)	1992	1992	1999	1992	1992	1992	1999	1999	1991	1990	1992	1990

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1980 - 1999	
ANNUAL TOTAL	1226.2		817.7			
ANNUAL MEAN	3.36		2.24		3.08	
HIGHEST ANNUAL MEAN					4.63	1984
LOWEST ANNUAL MEAN					1.92	1992
HIGHEST DAILY MEAN	18	Mar 8	9.6	Jun 16	33	Jun 24 1995
LOWEST DAILY MEAN	1.4 *	Aug 17	1.2 **	Apr 13	.60	Sep 15 1990
ANNUAL SEVEN-DAY MINIMUM	1.5	Aug 24	1.4	Apr 12	.74	Sep 10 1990
INSTANTANEOUS PEAK FLOW			Unknown	Jun 16	Unknown	Apr 27 1991
INSTANTANEOUS PEAK STAGE			4.19	Jun 16	4.90	Apr 27 1991
10 PERCENT EXCEEDS	5.1		2.7		4.5	
50 PERCENT EXCEEDS	2.9		2.1		2.8	
90 PERCENT EXCEEDS	1.8		1.8		1.9	

* Also occurred Aug. 22, 25, Sep. 2.
** Also occurred Apr. 14.

e Estimated



02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'23'', long 81°40'05'', Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRS Road C, and 0.7 mi southeast of F-Area, at Savannah River Site.

DRAINAGE AREA.--7.53 mi^2.

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Datum of gage is 187.9 ft above sea level (by Global Positioning System).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.4	5.4	7.4	5.5	40	5.4	6.6	6.6	11	7.2	4.8	4.5
2	9.2	5.5	7.2	6.0	29	5.5	6.4	5.8	10	6.7	4.9	4.6
3	6.2	5.9	7.2	15	e16	5.6	6.2	5.7	10	5.6	4.9	4.6
4	5.2	6.5	6.3	7.9	e15	5.5	5.9	5.8	8.6	4.9	5.1	4.5
5	4.8	7.3	6.1	6.7	e14	5.5	6.1	6.8	12	4.6	4.9	4.3
6	4.7	7.3	6.2	6.7	e13	5.3	5.5	7.0	10	4.9	4.9	4.3
7	5.6	6.0	6.1	7.1	e12	5.3	5.7	6.5	9.1	7.2	5.0	4.2
8	6.2	6.0	6.0	6.5	e13	5.1	5.7	7.3	9.5	12	5.1	4.3
9	5.5	6.1	6.5	6.9	e12	6.2	4.9	7.5	8.0	6.2	5.1	4.4
10	5.0	5.9	6.3	7.2	e11	6.2	4.8	7.5	8.2	5.4	5.1	4.6
11	4.9	6.2	5.9	6.2	e9.7	5.6	4.7	7.5	7.9	8.6	5.1	3.7
12	5.0	6.3	5.3	6.3	e11	5.4	4.3	7.5	7.9	18	5.1	3.9
13	4.8	6.1	5.7	6.3	e9.2	6.1	5.4	7.8	6.2	26	5.1	e3.5
14	5.0	6.1	5.4	6.7	e8.5	13	5.6	8.1	5.6	16	5.1	e3.8
15	4.9	6.6	5.8	13	e7.5	10	5.8	7.7	5.7	15	5.0	5.0
16	4.7	6.9	6.0	8.8	e7.1	7.9	5.4	8.5	e9.0	12	5.0	4.4
17	4.6	7.2	5.0	7.4	e6.5	7.8	5.5	8.4	27	10	4.9	4.8
18	4.7	7.4	5.0	16	e6.3	8.6	5.0	9.7	7.7	8.8	4.7	5.2
19	4.7	6.9	5.1	11	6.5	8.7	4.9	7.8	7.4	7.0	4.9	5.5
20	4.6	6.8	5.1	8.4	6.3	10	5.3	9.3	6.4	6.1	6.5	6.5
21	4.7	6.4	4.9	7.7	6.6	11	5.4	8.0	5.6	5.9	5.2	6.7
22	4.5	6.4	4.9	7.2	6.8	10	5.3	8.3	5.3	6.2	5.2	5.2
23	4.7	6.0	5.2	37	7.0	8.7	5.4	8.1	5.0	6.8	5.3	5.3
24	5.1	5.7	5.2	46	7.3	7.5	5.2	7.9	4.8	5.8	5.0	4.9
25	5.1	5.3	8.2	18	5.9	12	5.2	7.4	5.3	4.7	4.7	5.2
26	5.1	5.5	8.4	13	5.9	16	5.4	9.7	5.7	4.1	4.3	5.5
27	5.0	6.0	7.2	12	6.2	9.5	5.7	8.7	5.9	4.2	4.2	6.3
28	5.2	6.1	6.6	12	7.0	8.3	5.7	8.3	6.7	4.2	4.8	9.8
29	5.2	6.7	6.1	12	---	7.0	5.5	8.7	26	4.5	4.6	6.5
30	5.4	7.2	5.8	12	---	6.2	6.7	8.3	13	4.8	4.6	5.8
31	5.3	---	5.4	13	---	6.6	---	9.9	---	4.7	4.6	---
TOTAL	163.0	189.7	187.5	355.5	306.3	241.5	165.2	242.1	270.5	248.1	153.7	151.8
MEAN	5.26	6.32	6.05	11.5	10.9	7.79	5.51	7.81	9.02	8.00	4.96	5.06
MAX	9.2	7.4	8.4	46	40	16	6.7	9.9	27	26	6.5	9.8
MIN	4.5	5.3	4.9	5.5	5.9	5.1	4.3	5.7	4.8	4.1	4.2	3.5
CFSM	.70	.84	.80	1.52	1.45	1.03	.73	1.04	1.20	1.06	.66	.67
IN.	.81	.94	.93	1.76	1.51	1.19	.82	1.20	1.34	1.23	.76	.75

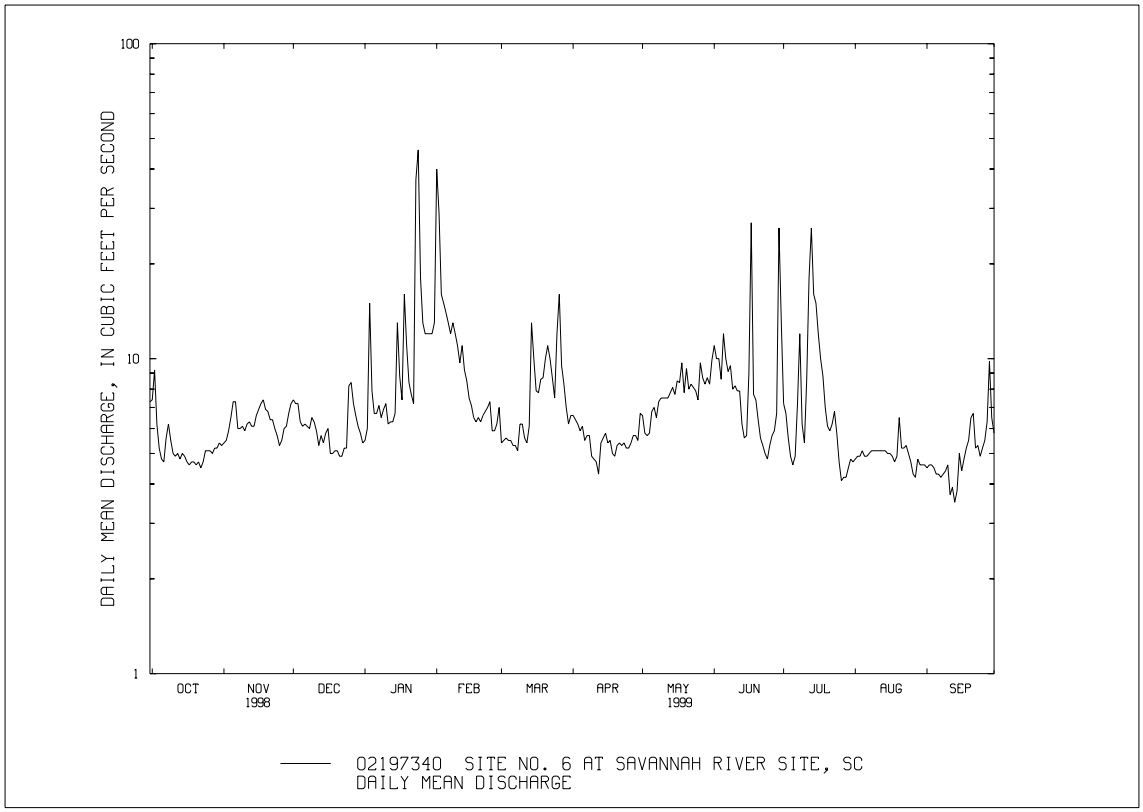
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1999, BY WATER YEAR (WY)

MEAN	9.26	10.7	11.6	14.5	16.1	17.1	13.6	10.1	9.56	9.84	10.4	9.18
MAX	21.8	20.5	21.2	27.5	32.4	31.5	32.1	33.5	21.1	18.3	25.0	18.1
(WY)	1991	1980	1998	1998	1973	1998	1984	1984	1973	1984	1991	1979
MIN	4.98	6.07	5.53	7.17	7.98	7.79	5.51	5.13	3.79	5.57	4.96	4.31
(WY)	1996	1997	1979	1979	1989	1999	1999	1995	1990	1993	1999	1994

02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1973 - 1999	
ANNUAL TOTAL	5418.0		2674.9			
ANNUAL MEAN	14.8		7.33		11.8	
HIGHEST ANNUAL MEAN					18.6	1984
LOWEST ANNUAL MEAN					7.33	1999
HIGHEST DAILY MEAN	185	Mar 9	46	Jan 24	186	Aug 22 1990
LOWEST DAILY MEAN	4.5	Oct 22	3.5	Sep 13	2.1	May 24 1997
ANNUAL SEVEN-DAY MINIMUM	4.6	Oct 16	4.0	Sep 8	2.7	Jul 1 1990
INSTANTANEOUS PEAK FLOW			Unknown	Jun 16	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			4.06	Jun 16	6.27	Aug 2 1991
ANNUAL RUNOFF (CFSM)	1.97		.97		1.56	
ANNUAL RUNOFF (INCHES)	26.77		13.21		21.26	
10 PERCENT EXCEEDS	29		11		20	
50 PERCENT EXCEEDS	7.8		6.1		9.5	
90 PERCENT EXCEEDS	5.1		4.7		5.4	

e Estimated



02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'40'', long 81°41'45'', Barnwell County, Hydrologic Unit 03060106, on right upstream end of concrete culvert pipe on Four Mile Creek at SRS Road A-7, 1.0 mi southwest of Area C, at Savannah River Site.

DRAINAGE AREA.--12.5 mi^2.

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Elevation of gage is 155 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	8.4	9.3	6.6	52	11	7.7	24	5.6	16	5.1	5.1
2	15	8.2	9.5	6.9	57	11	7.6	12	5.7	13	5.0	4.8
3	13	9.1	9.2	24	23	11	6.6	12	5.9	11	4.9	4.6
4	12	9.0	8.9	11	20	11	5.1	8.3	6.2	7.5	4.6	4.5
5	11	11	8.1	8.4	17	11	13	8.5	6.4	6.5	4.8	4.6
6	9.6	11	8.1	7.9	16	11	11	15	5.8	6.3	4.4	4.4
7	11	10	8.1	8.5	15	10	11	14	4.8	9.9	4.5	4.6
8	14	9.1	7.7	7.8	15	10	11	9.6	4.5	24	4.4	5.1
9	11	9.5	7.9	8.2	14	13	10	8.1	4.5	11	4.7	5.0
10	10	9.7	7.2	8.3	16	13	10	7.5	4.4	8.1	4.7	5.9
11	9.3	10	7.0	7.4	15	12	9.6	7.5	4.7	8.8	4.5	5.1
12	9.4	9.8	6.6	6.3	14	11	8.0	7.4	5.3	38	4.4	4.9
13	9.4	10	7.0	5.9	12	10	7.1	7.4	4.7	69	4.2	4.8
14	9.3	10	7.0	6.3	12	25	7.1	8.3	4.2	30	4.6	4.8
15	9.3	12	7.4	17	12	19	8.1	7.4	5.1	20	5.1	6.1
16	8.9	12	9.8	10	12	15	8.9	6.7	14	18	5.6	9.7
17	8.5	12	8.0	8.6	13	12	7.5	6.7	92	14	6.5	5.4
18	8.5	11	7.4	19	15	11	7.8	7.0	18	12	5.9	5.1
19	8.5	11	7.2	15	13	10	7.2	8.5	8.8	9.2	5.2	5.4
20	8.9	11	7.2	10	12	9.5	8.0	7.1	8.4	8.1	26	7.2
21	8.5	9.8	6.8	8.5	12	9.9	8.1	7.5	6.7	8.3	10	27
22	7.7	9.2	6.7	7.5	12	10	7.8	5.6	7.1	8.5	7.2	8.8
23	7.5	9.1	6.7	27	12	8.7	7.5	6.4	5.5	15	8.0	7.8
24	8.0	9.5	6.8	70	13	7.9	7.1	5.5	5.6	10	7.4	7.5
25	8.2	8.5	14	26	12	15	7.0	5.2	7.0	8.7	7.6	7.4
26	8.0	8.7	14	19	12	25	7.5	5.5	7.8	6.7	6.0	8.2
27	8.4	8.6	11	16	12	14	7.7	8.0	8.1	5.9	5.7	20
28	8.3	8.2	9.5	18	15	11	9.0	5.7	14	5.6	5.9	27
29	8.5	8.1	8.3	15	---	9.1	8.9	5.3	32	5.5	6.5	29
30	8.8	8.6	7.9	15	---	8.2	18	5.1	62	5.9	5.5	15
31	8.4	---	6.8	16	---	7.1	---	4.9	---	5.6	5.2	---
TOTAL	301.9	292.1	257.1	441.1	475	372.4	260.9	257.7	374.8	426.1	194.1	264.8
MEAN	9.74	9.74	8.29	14.2	17.0	12.0	8.70	8.31	12.5	13.7	6.26	8.83
MAX	15	12	14	70	57	25	18	24	92	69	26	29
MIN	7.5	8.1	6.6	5.9	12	7.1	5.1	4.9	4.2	5.5	4.2	4.4
CFSM	.78	.78	.66	1.14	1.36	.96	.70	.67	1.00	1.10	.50	.71
IN.	.90	.87	.77	1.31	1.41	1.11	.78	.77	1.12	1.27	.58	.79

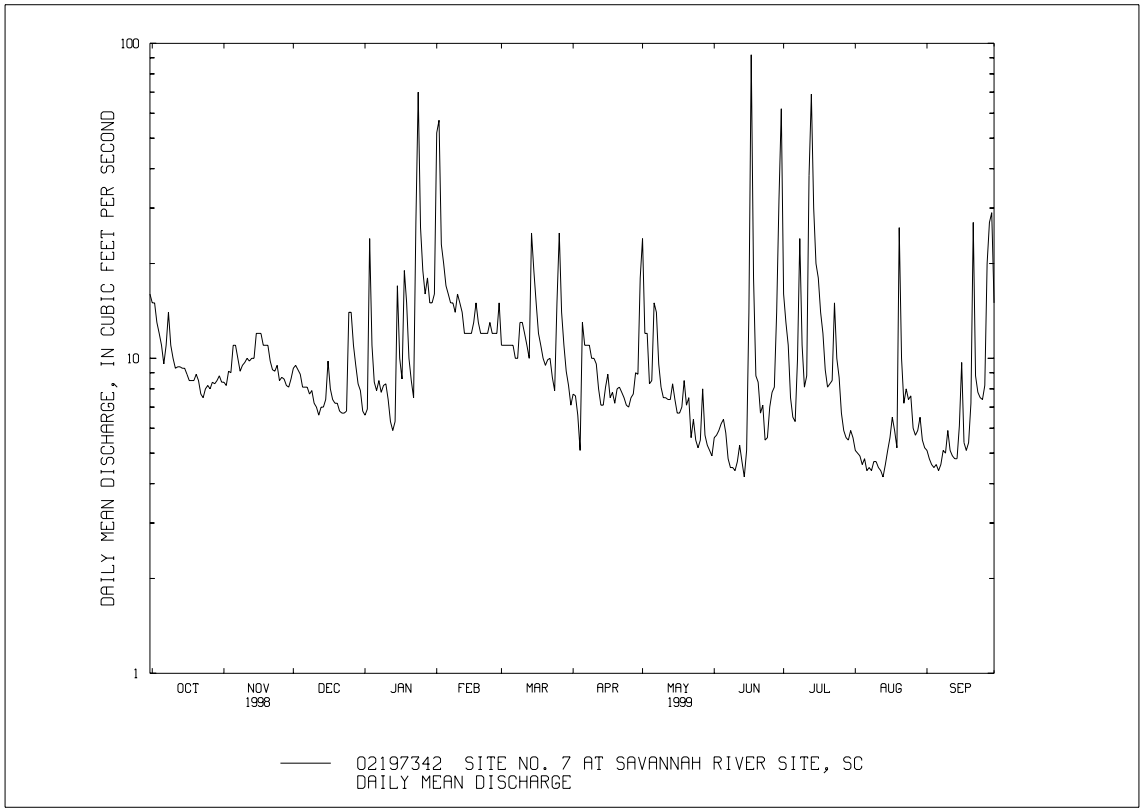
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1999, BY WATER YEAR (WY)

MEAN	14.3	14.3	17.5	22.2	26.0	25.9	19.8	14.8	14.9	14.7	16.3	12.9
MAX	68.0	26.0	33.3	41.6	52.7	56.4	40.1	43.2	37.1	48.9	75.7	19.9
(WY)	1991	1980	1998	1998	1993	1998	1998	1984	1973	1991	1991	1998
MIN	7.83	8.72	8.29	11.9	11.6	12.0	8.70	8.03	5.80	6.97	6.26	6.66
(WY)	1979	1997	1999	1989	1989	1999	1999	1990	1990	1986	1999	1990

02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1973 - 1999	
ANNUAL TOTAL	9122.6		3918.0			
ANNUAL MEAN	25.0		10.7		17.6	
HIGHEST ANNUAL MEAN					32.7	1991
LOWEST ANNUAL MEAN					10.7	1999
HIGHEST DAILY MEAN	437	Mar 9	92	Jun 17	830	Aug 2 1991
LOWEST DAILY MEAN	6.6	Dec 12	4.2 **	Jun 14	2.7	Jul 2 1990
ANNUAL SEVEN-DAY MINIMUM	7.0	Dec 18	4.5	Aug 7	3.2	Jul 2 1990
INSTANTANEOUS PEAK FLOW			* 194	Jun 17	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			3.70	Jun 17	6.89	Aug 2 1991
ANNUAL RUNOFF (CFSM)	2.00		.86		1.41	
ANNUAL RUNOFF (INCHES)	27.15		11.66		19.12	
10 PERCENT EXCEEDS	49		16		30	
50 PERCENT EXCEEDS	14		8.5		13	
90 PERCENT EXCEEDS	8.2		5.1		7.8	

* From rating curve extended above 83 ft^3/s based on step-backwater computation.
** Also occurred Aug. 13.



02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'21'', long 81°43'26'', Barnwell County, Hydrologic Unit 03060106, on left bank, 70 ft upstream side of bridge on SRS Road A-12.2, 500 ft northwest of SRS Road A-13, 1.0 mi southeast of Area D, at Savannah River Site.

DRAINAGE AREA.--22.0 mi^2.

PERIOD OF RECORD.--November 1976 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above sea level (from topographic map). Prior to Oct. 1, 1990, at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	18	19	19	64	20	21	33	12	28	14	12
2	23	18	19	20	98	19	21	19	13	20	14	12
3	23	19	19	48	37	19	20	17	13	18	14	12
4	21	19	19	26	30	19	19	15	14	15	14	12
5	22	20	18	20	27	19	21	15	13	14	13	11
6	20	20	19	19	25	19	17	20	13	13	13	11
7	21	20	19	20	24	19	17	20	12	16	13	11
8	26	19	19	20	23	18	17	16	12	21	13	12
9	22	19	19	20	23	21	17	15	12	21	13	12
10	20	20	18	20	24	22	17	14	12	14	13	13
11	19	20	18	20	24	20	16	14	12	16	13	12
12	19	20	18	19	22	19	16	14	13	56	13	12
13	19	20	18	19	21	18	14	14	12	101	13	11
14	19	20	18	19	20	37	14	15	12	57	13	12
15	19	23	19	39	20	30	15	14	13	30	14	12
16	18	23	22	27	21	24	16	13	26	31	14	17
17	18	24	20	23	21	20	14	13	129	28	16	13
18	18	22	19	37	23	19	14	13	38	22	15	12
19	18	22	19	36	22	19	14	14	16	19	14	13
20	18	21	19	23	21	18	14	13	15	18	85	14
21	18	21	19	21	20	20	15	14	14	17	29	30
22	18	20	18	20	20	21	14	13	14	17	17	22
23	17	20	18	46	20	19	14	13	13	20	16	15
24	17	20	19	184	20	18	14	13	13	19	16	15
25	18	20	30	56	20	29	14	13	14	17	18	14
26	17	19	32	31	20	58	14	12	16	16	15	15
27	18	19	25	27	20	30	14	14	15	15	14	23
28	18	19	22	25	22	22	15	13	18	15	13	31
29	18	18	21	25	---	20	16	13	29	14	14	46
30	18	18	21	24	---	19	22	12	89	15	13	25
31	18	---	19	25	---	19	---	12	---	14	12	---
TOTAL	603	601	622	978	752	694	486	463	647	737	521	482
MEAN	19.5	20.0	20.1	31.5	26.9	22.4	16.2	14.9	21.6	23.8	16.8	16.1
MAX	26	24	32	184	98	58	22	33	129	101	85	46
MIN	17	18	18	19	20	18	14	12	12	13	12	11

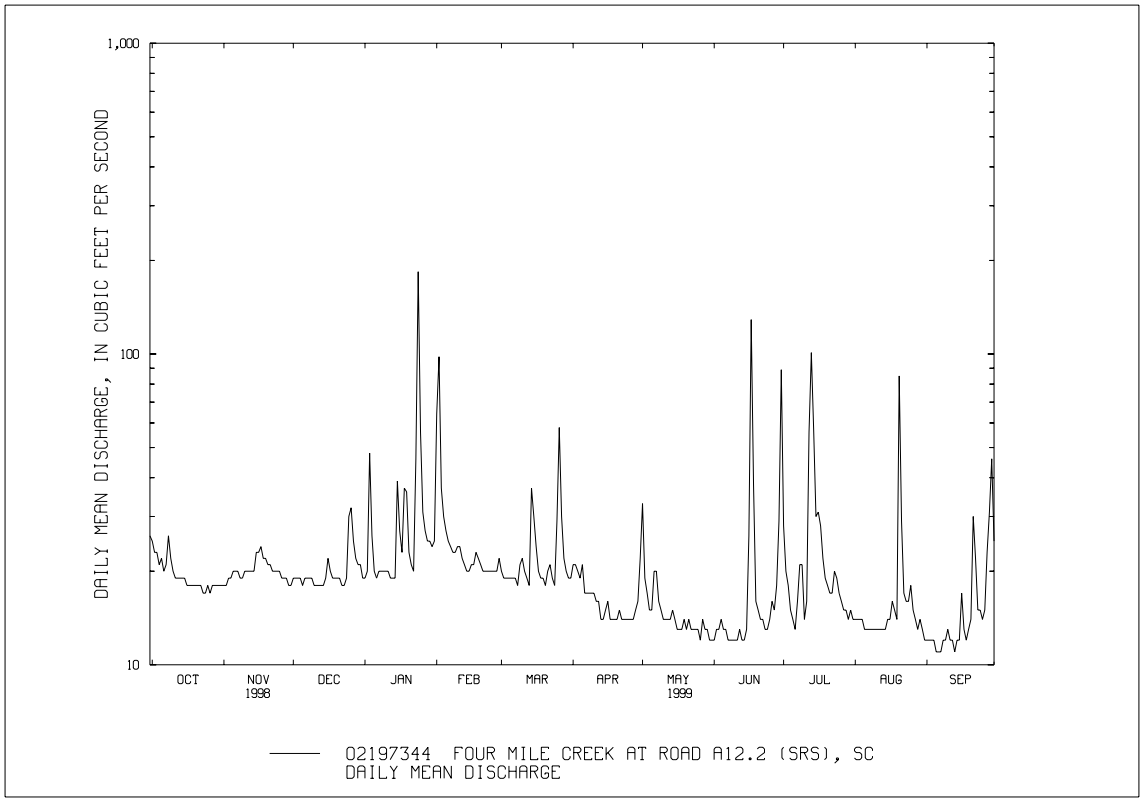
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1999, BY WATER YEAR (WY)

MEAN	132	141	170	179	146	126	140	137	131	138	136	133
MAX	437	403	405	437	415	415	424	461	414	421	415	403
(WY)	1978	1984	1984	1978	1983	1981	1984	1980	1984	1977	1982	1984
MIN	17.3	19.7	16.8	18.8	17.6	22.4	16.2	14.9	15.5	14.5	14.2	12.6
(WY)	1988	1989	1989	1989	1989	1999	1999	1999	1990	1988	1997	1994

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1977 - 1999		
ANNUAL TOTAL	15169		7586				
ANNUAL MEAN	41.6		20.8		94.2		
HIGHEST ANNUAL MEAN					370		1984
LOWEST ANNUAL MEAN					20.4		1988
HIGHEST DAILY MEAN	655	Mar 9	184	Jan 24	1200	Aug 2	1991
LOWEST DAILY MEAN	16	Aug 6	11	Sep 5	6.7 *	Jul 8	1990
ANNUAL SEVEN-DAY MINIMUM	17	Aug 23	12	Sep 1	7.6	Jul 4	1990
INSTANTANEOUS PEAK FLOW			264	Jan 24	Unknown	Aug 2	1991
INSTANTANEOUS PEAK STAGE			3.52	Jan 24	6.72	Aug 2	1991
10 PERCENT EXCEEDS	72		27		409		
50 PERCENT EXCEEDS	23		19		41		
90 PERCENT EXCEEDS	18		13		17		

* Also occurred Jul. 9, 10, 1990.



02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'34'', long 81°41'08'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRS Roads A-17 and A-17.1, at Savannah River Site.

DRAINAGE AREA.--21.2 mi^2.

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

GAGE.--Data collection platform. Elevation of gage from November 1976 to October 1, 1990 was 100 ft; from October 1, 1990 to October 26, 1997 datum was 99 ft; from October 26, 1997 to present datum is 98 ft (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	12	15	15	59	16	18	25	9.1	19	9.5	7.3
2	13	12	15	15	58	16	18	16	8.9	16	9.3	7.3
3	13	12	15	32	27	17	16	13	9.3	13	9.3	7.2
4	38	12	15	19	23	16	15	11	13	12	9.0	7.1
5	26	12	15	16	22	16	14	13	9.5	11	8.8	6.9
6	16	12	15	15	21	16	14	16	9.0	11	8.8	6.8
7	18	12	15	15	20	16	14	17	8.8	18	8.8	6.8
8	21	12	15	16	20	15	14	13	8.6	14	8.8	6.9
9	16	12	15	16	19	18	13	11	8.5	12	8.6	7.2
10	14	12	15	16	20	18	13	11	8.4	11	8.6	8.6
11	13	12	14	15	20	17	13	10	9.6	17	8.5	7.2
12	12	13	14	16	19	16	12	10	9.8	70	8.4	6.8
13	12	12	15	15	17	16	11	11	8.8	111	8.4	6.6
14	12	13	15	15	17	33	12	14	8.7	36	9.2	6.5
15	13	14	15	33	17	24	13	11	9.5	24	9.2	7.4
16	12	16	17	20	17	19	13	10	27	21	10	9.0
17	12	18	15	17	17	17	12	9.9	e20	20	10	6.9
18	12	16	15	33	19	17	11	9.7	e10	17	8.9	6.7
19	12	15	15	24	18	16	11	9.8	e11	15	8.6	6.9
20	12	15	15	18	17	16	12	9.1	e9.9	14	60	8.0
21	12	15	15	18	17	17	11	8.8	e10	13	17	14
22	12	15	15	18	17	17	11	8.9	e10	12	11	8.9
23	12	15	15	47	17	16	10	9.3	e9.8	13	8.8	7.5
24	12	15	15	106	17	16	10	8.9	e10	12	9.0	7.1
25	12	15	21	36	17	19	10	8.5	e9.9	11	11	7.4
26	12	15	25	25	17	37	11	9.4	e11	10	9.0	7.6
27	12	15	19	22	17	24	11	9.9	e12	10	8.1	12
28	12	15	17	21	17	19	11	9.3	e15	10	8.2	23
29	12	15	16	20	---	17	12	9.3	23	9.9	8.6	20
30	12	14	15	20	---	16	19	9.2	62	10	8.0	13
31	12	---	15	21	---	16	---	9.1	---	9.7	7.4	---
TOTAL	444	413	488	735	603	569	385	351.1	390.1	602.6	336.8	264.6
MEAN	14.3	13.8	15.7	23.7	21.5	18.4	12.8	11.3	13.0	19.4	10.9	8.82
MAX	38	18	25	106	59	37	19	25	62	111	60	23
MIN	12	12	14	15	17	15	10	8.5	8.4	9.7	7.4	6.5
IN.	.78	.72	.86	1.29	1.06	1.00	.68	.62	.68	1.06	.59	.46

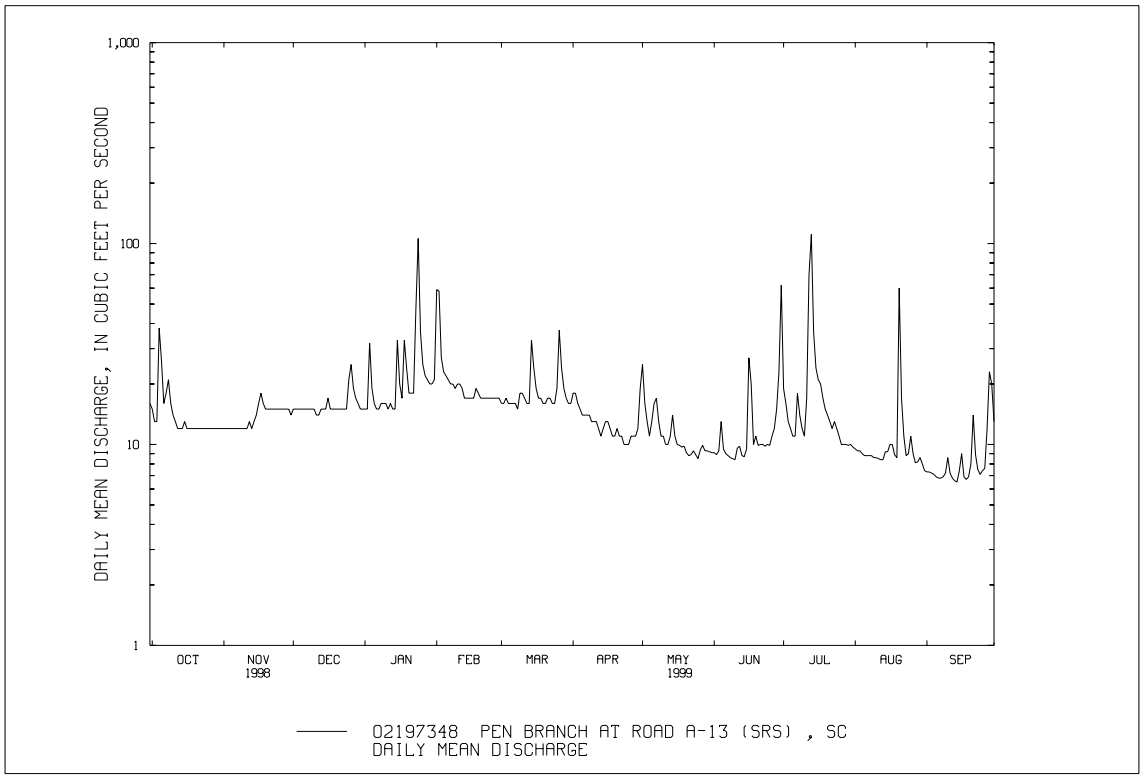
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1999, BY WATER YEAR (WY)

MEAN	180	170	203	192	188	224	210	193	182	191	181	162
MAX	412	425	432	440	442	468	425	451	423	451	421	414
(WY)	1982	1992	1982	1980	1978	1980	1982	1978	1992	1992	1982	1982
MIN	14.3	13.8	15.7	23.7	21.5	18.4	12.8	10.6	13.0	15.6	9.10	8.82
(WY)	1999	1999	1999	1999	1999	1999	1999	1997	1999	1998	1997	1999

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1977 - 1999	
ANNUAL TOTAL	10588		5582.2			
ANNUAL MEAN	29.0		15.3		170	
HIGHEST ANNUAL MEAN					383	1984
LOWEST ANNUAL MEAN					15.3	1999
HIGHEST DAILY MEAN	209	Apr 18	111	Jul 13	760	Aug 2 1991
LOWEST DAILY MEAN	11	Jun 28	6.5	Sep 14	2.5	Sep 22 1997
ANNUAL SEVEN-DAY MINIMUM	11	Jul 1	7.0	Sep 3	3.0	Sep 17 1997
INSTANTANEOUS PEAK FLOW			192	Jul 13	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			3.23	Jul 13	6.08	Aug 2 1991
ANNUAL RUNOFF (INCHES)	18.58		9.80		108.99	
10 PERCENT EXCEEDS	61		21		422	
50 PERCENT EXCEEDS	16		14		105	
90 PERCENT EXCEEDS	12		8.6		22	

e Estimated



021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'58'', long 81°36'13'', Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRS Road C, and 0.8 mi upstream of SRS Road B, at Savannah River Site.

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

GAGE.--Data collection platform. Elevation of gage is 208 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	1.4	1.7	1.3	3.0	1.4	1.5	1.6	1.1	2.0	1.4	1.4
2	1.7	1.4	1.7	1.3	1.9	1.4	1.4	1.3	1.1	1.7	1.4	1.3
3	1.7	1.5	1.6	1.9	1.6	1.4	1.4	1.3	1.1	1.6	1.4	1.3
4	2.0	1.6	1.6	1.4	1.5	1.4	1.4	1.3	1.1	1.4	1.4	1.3
5	1.8	1.6	1.5	1.3	1.4	1.4	1.4	1.4	1.1	1.4	1.4	1.3
6	1.8	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.1	1.5	1.4	1.3
7	1.9	1.6	1.5	1.3	1.4	1.4	1.3	1.3	1.1	2.2	1.4	1.3
8	1.9	1.6	1.4	1.3	1.4	1.4	1.3	1.2	1.1	1.5	1.3	1.3
9	1.7	1.6	1.4	1.3	1.4	1.6	1.3	1.2	1.1	1.4	1.3	1.4
10	1.7	1.6	1.4	1.2	1.4	1.5	1.3	1.2	1.1	1.3	1.3	1.4
11	1.7	1.6	1.4	1.2	1.4	1.5	1.3	1.2	1.2	3.9	1.3	1.3
12	1.7	1.6	1.4	1.2	1.4	1.5	1.3	1.2	1.1	5.1	1.3	1.3
13	1.7	1.5	1.5	1.2	1.4	1.5	1.2	1.3	1.1	4.7	1.3	1.3
14	1.6	1.6	1.4	1.3	1.4	2.0	1.2	1.3	1.1	2.4	1.4	1.3
15	1.6	1.6	1.4	2.0	1.3	1.5	1.4	1.2	1.1	2.0	1.3	1.5
16	1.6	1.7	1.4	1.2	1.3	1.5	1.3	1.2	6.6	2.8	1.4	1.4
17	1.6	1.7	1.3	1.2	1.3	1.5	1.2	1.2	2.6	2.3	1.3	1.3
18	1.6	1.7	1.3	2.3	1.4	1.5	1.3	1.2	1.5	1.9	1.3	1.3
19	1.6	1.7	1.3	1.4	1.4	1.4	1.3	1.2	1.3	1.8	1.3	1.4
20	1.6	1.7	1.3	1.3	1.4	1.4	1.3	1.2	1.3	1.7	2.1	1.5
21	1.5	1.7	1.3	1.2	1.4	1.5	1.3	1.2	1.3	1.6	1.5	1.5
22	1.5	1.7	1.3	1.2	1.4	1.4	1.3	1.2	1.3	1.7	1.4	1.4
23	1.5	1.7	1.3	3.1	1.4	1.4	1.3	1.2	1.2	1.6	1.4	1.4
24	1.5	1.7	1.3	3.3	1.4	1.4	1.3	1.2	1.3	1.4	1.5	1.4
25	1.5	1.6	1.6	1.7	1.4	1.6	1.3	1.2	1.3	1.4	1.5	1.4
26	1.5	1.6	1.7	1.5	1.4	2.0	1.3	1.2	1.3	1.4	1.4	1.8
27	1.5	1.6	1.4	1.5	1.4	1.5	1.3	1.2	1.3	1.4	1.4	1.9
28	1.5	1.6	1.4	1.4	1.4	1.4	1.3	1.2	1.5	1.4	1.5	3.6
29	1.5	1.6	1.3	1.4	---	1.4	1.3	1.2	9.5	1.4	1.4	1.9
30	1.5	1.7	1.3	1.4	---	1.4	2.1	1.2	2.9	1.4	1.4	1.6
31	1.5	---	1.3	1.4	---	1.4	---	1.1	---	1.4	1.4	---
TOTAL	50.8	48.3	44.2	47.0	41.3	46.0	40.2	38.4	52.8	60.7	43.5	44.8
MEAN	1.64	1.61	1.43	1.52	1.48	1.48	1.34	1.24	1.76	1.96	1.40	1.49
MAX	2.0	1.7	1.7	3.3	3.0	2.0	2.1	1.6	9.5	5.1	2.1	3.6
MIN	1.5	1.4	1.3	1.2	1.3	1.4	1.2	1.1	1.1	1.3	1.3	1.3

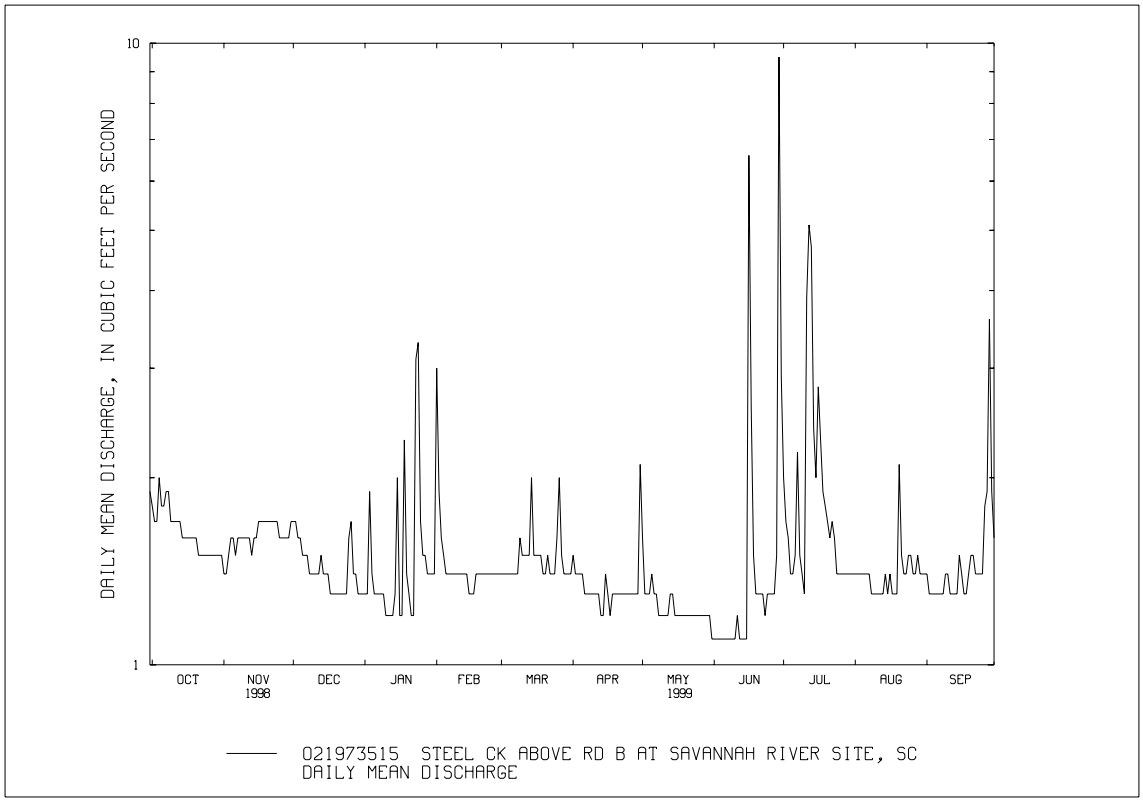
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1999, BY WATER YEAR (WY)

MEAN	4.06	2.76	3.25	4.99	7.58	12.0	14.1	3.77	6.96	13.4	9.66	7.75
MAX	10.0	10.0	10.1	19.4	42.5	66.1	64.0	10.1	28.9	109	97.8	62.1
(WY)	1992	1997	1997	1994	1993	1993	1991	1996	1991	1991	1991	1988
MIN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.95	.96	1.19
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1993	1989

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1986 - 1999	
ANNUAL TOTAL	1404.1		558.0			
ANNUAL MEAN	3.85		1.53		7.57	
HIGHEST ANNUAL MEAN					30.0	1991
LOWEST ANNUAL MEAN					1.04	1989
HIGHEST DAILY MEAN	55	Mar 8	9.5	Jun 29	220	Aug 2 1991
LOWEST DAILY MEAN	1.3	Dec 17	1.1 *	May 31	.50	Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	1.3	Dec 17	1.1	May 31	.77	May 29 1989
INSTANTANEOUS PEAK FLOW			89	Jun 29	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			2.00	Jun 29	5.57	Aug 2 1991
10 PERCENT EXCEEDS	6.5		1.7		11	
50 PERCENT EXCEEDS	2.1		1.4		2.1	
90 PERCENT EXCEEDS	1.5		1.2		1.1	

* Also occurred Jun. 1-10, 12-15.



021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'26'', long 81°37'27''(revised), Barnwell County, Hydrologic Unit 03060106, 200 ft south of L-Area, 625 ft north of SRS Road B, 0.6 mi west of intersection of SRS Road B and C, at Savannah River Site.

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 195.42 ft above sea level (provided by Savannah River Site).

REMARKS.--No estimated daily discharges. Records good. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

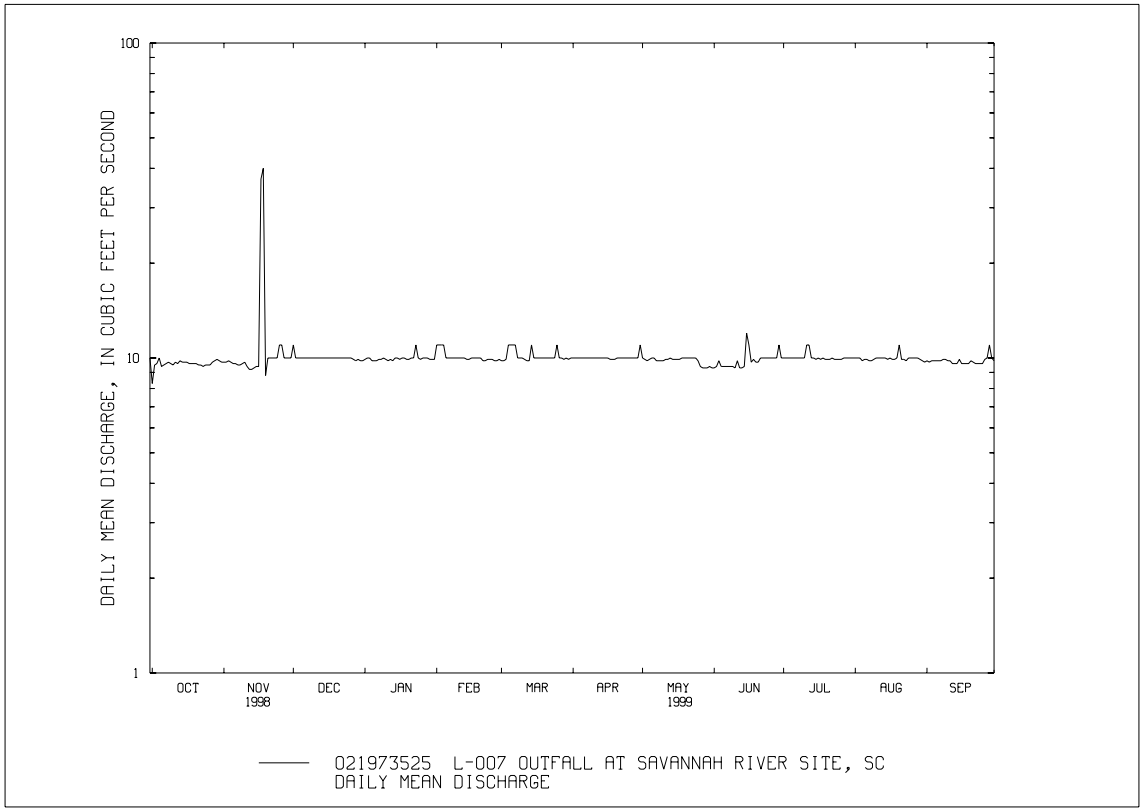
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.3	9.7	11	9.9	11	9.8	10	10	9.3	10	10	9.8
2	9.5	9.7	10	10	11	9.8	10	9.9	9.4	10	10	9.7
3	9.6	9.8	10	10	11	9.9	10	9.8	9.8	10	10	9.8
4	10	9.7	10	9.8	11	11	10	9.9	9.4	10	9.8	9.8
5	9.4	9.6	10	9.8	10	11	10	10	9.4	10	9.9	9.8
6	9.5	9.6	10	9.8	10	11	10	10	9.4	10	9.9	9.8
7	9.6	9.5	10	9.9	10	11	10	9.8	9.4	10	9.8	9.8
8	9.7	9.5	10	9.9	10	10	10	9.8	9.4	10	9.8	9.9
9	9.6	9.6	10	10	10	10	10	9.8	9.4	10	9.9	9.9
10	9.5	9.7	10	9.9	10	10	10	9.8	9.3	10	10	9.8
11	9.7	9.4	10	9.8	10	9.9	10	9.9	9.8	11	10	9.8
12	9.6	9.2	10	9.9	10	9.8	10	9.9	9.3	11	10	9.6
13	9.8	9.2	10	9.8	10	9.8	10	10	9.3	10	10	9.6
14	9.7	9.3	10	10	9.9	11	10	9.9	9.4	10	10	9.6
15	9.7	9.4	10	10	9.9	10	10	9.9	12	9.9	9.9	9.9
16	9.7	9.4	10	9.9	10	10	10	9.9	11	10	10	9.6
17	9.6	37	10	10	10	10	9.9	9.9	9.7	9.9	9.9	9.6
18	9.6	40	10	10	10	10	9.9	10	9.9	10	9.9	9.6
19	9.6	8.8	10	9.9	10	10	9.9	10	9.7	9.9	10	9.6
20	9.6	10	10	9.9	10	10	10	10	9.7	9.9	11	9.8
21	9.5	10	10	10	9.8	10	10	10	10	9.9	9.9	9.7
22	9.5	10	10	10	9.8	10	10	10	10	10	9.9	9.6
23	9.4	10	10	11	9.9	10	10	10	10	9.9	9.8	9.6
24	9.5	10	10	10	9.9	10	10	10	10	9.9	10	9.6
25	9.5	11	10	9.9	9.9	11	10	9.8	10	9.9	10	9.6
26	9.5	11	10	10	9.8	10	10	9.4	10	9.9	10	9.9
27	9.7	10	9.9	10	9.8	10	10	9.3	10	10	10	10
28	9.8	10	9.8	10	9.9	9.9	10	9.3	10	10	10	11
29	9.9	10	9.9	9.9	---	10	10	9.3	11	10	9.9	10
30	9.8	10	9.8	9.9	---	9.9	11	9.4	10	10	9.8	9.8
31	9.7	---	9.8	9.9	---	10	---	9.3	---	10	9.7	---
TOTAL	297.1	350.1	310.2	308.8	282.6	314.8	300.7	304.0	295.0	311.1	308.8	293.6
MEAN	9.58	11.7	10.0	9.96	10.1	10.2	10.0	9.81	9.83	10.0	9.96	9.79
MAX	10	40	11	11	11	11	11	10	12	11	11	11
MIN	8.3	8.8	9.8	9.8	9.8	9.8	9.9	9.3	9.3	9.9	9.7	9.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1999, BY WATER YEAR (WY)

MEAN	70.9	91.1	107	111	116	131	145	139	135	82.6	68.2	72.5
MAX	106	283	369	328	364	334	371	362	362	156	162	150
(WY)	1989	1988	1987	1986	1987	1987	1986	1988	1987	1991	1989	1989
MIN	9.58	10.5	10.0	9.96	10.1	10.2	10.0	9.81	9.83	10.0	9.96	9.79
(WY)	1999	1998	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1986 - 1999	
ANNUAL TOTAL	3957.4		3676.8			
ANNUAL MEAN	10.8		10.1		97.8	
HIGHEST ANNUAL MEAN					254	1988
LOWEST ANNUAL MEAN					10.1	1999
HIGHEST DAILY MEAN	40	Nov 18	40	Nov 18	470	Oct 17 1985
LOWEST DAILY MEAN	8.3	Oct 1	8.3	Oct 1	1.4	Jan 2 1993
ANNUAL SEVEN-DAY MINIMUM	9.4	Nov 10	9.3	May 26	9.3	May 26 1999
INSTANTANEOUS PEAK FLOW			85	Nov 17	536	Dec 18 1989
INSTANTANEOUS PEAK STAGE			5.39	Nov 17	20.87	Dec 18 1989
10 PERCENT EXCEEDS	12		10		360	
50 PERCENT EXCEEDS	11		10		82	
90 PERCENT EXCEEDS	9.7		9.5		11	



021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°08'44'', long 81°37'44'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A, 160 ft downstream from Meyers Branch, at Savannah River Site.

PERIOD OF RECORD.--March 1985 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above sea level (from topographic map). From Sep. 17, 1993 to May 21, 1997, at datum 1.0 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	20	24	19	62	24	37	31	e13	52	17	12
2	21	21	22	19	62	24	35	17	e13	44	16	11
3	20	22	21	36	44	26	32	16	e13	34	16	10
4	25	22	21	23	43	23	31	e20	e14	33	15	10
5	31	22	21	21	42	21	31	e21	e13	32	12	9.8
6	25	22	21	20	41	20	30	e20	e12	22	12	9.7
7	23	22	21	20	40	20	31	e19	e12	24	12	9.7
8	29	22	20	20	40	20	30	17	e13	16	12	9.9
9	25	22	22	20	34	22	30	e17	e12	15	12	10
10	23	22	22	20	29	22	30	e18	e11	14	12	11
11	22	23	21	19	28	20	29	e18	e10	35	12	10
12	21	23	20	19	27	20	28	e17	10	77	12	9.8
13	21	22	21	20	26	19	23	e17	9.8	84	11	12
14	30	22	20	20	25	35	18	e16	9.8	51	12	16
15	37	25	20	49	25	25	19	e17	14	45	12	17
16	37	28	24	37	25	21	19	e17	31	58	12	33
17	37	31	20	36	25	20	17	e17	99	73	12	30
18	37	27	19	83	27	20	17	e17	18	45	12	30
19	37	25	19	71	25	20	17	e17	14	42	11	30
20	37	25	19	41	24	19	17	e16	13	36	26	31
21	36	25	19	35	24	21	17	e16	13	28	16	27
22	30	24	19	35	24	21	16	e16	13	28	13	20
23	23	24	19	48	24	19	16	e16	12	28	13	19
24	23	25	19	86	25	19	16	e15	12	27	13	18
25	23	25	30	43	24	33	16	e15	12	26	15	19
26	23	25	33	39	24	56	16	e15	12	25	13	19
27	22	25	27	38	24	40	16	e14	12	24	12	25
28	20	24	23	47	25	35	16	e15	14	23	12	41
29	20	24	22	43	---	34	16	e14	36	20	13	32
30	20	25	21	38	---	33	26	e14	79	17	12	24
31	20	---	20	39	---	32	---	e14	---	17	12	---
TOTAL	822	714	670	1104	888	784	692	529	569.6	1095	412	565.9
MEAN	26.5	23.8	21.6	35.6	31.7	25.3	23.1	17.1	19.0	35.3	13.3	18.9
MAX	37	31	33	86	62	56	37	31	99	84	26	41
MIN	20	20	19	19	24	19	16	14	9.8	14	11	9.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1999, BY WATER YEAR (WY)

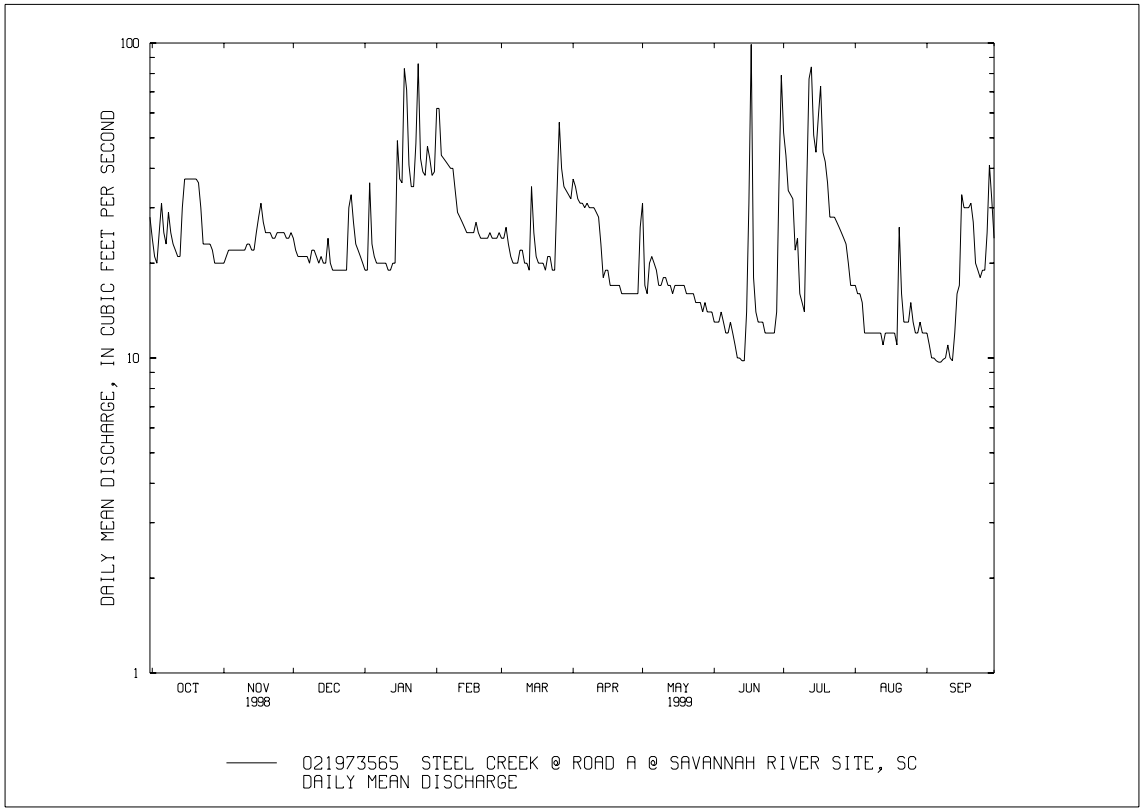
MEAN	74.1	123	141	142	144	165	168	142	150	98.5	73.3	72.4
MAX	158	314	427	368	402	381	428	417	376	261	175	133
(WY)	1991	1986	1987	1988	1988	1988	1988	1988	1987	1991	1989	1989
MIN	23.3	23.8	21.6	35.6	31.7	25.3	23.1	17.1	19.0	23.6	13.3	18.9
(WY)	1986	1999	1999	1999	1999	1999	1999	1999	1999	1997	1999	1999

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1985 - 1999	
ANNUAL TOTAL	18015		8845.5			
ANNUAL MEAN	49.4		24.2		128	
HIGHEST ANNUAL MEAN					287	1988
LOWEST ANNUAL MEAN					24.2	1999
HIGHEST DAILY MEAN	530	Mar 9	99	Jun 17	530	Mar 9 1998
LOWEST DAILY MEAN	19	** Jun 18	9.7	*** Sep 6	7.7	Sep 14 1985
ANNUAL SEVEN-DAY MINIMUM	19	Jul 1	9.9	Sep 3	9.9	Sep 3 1999
INSTANTANEOUS PEAK FLOW			179	Jun 17	602	* Mar 9 1998
INSTANTANEOUS PEAK STAGE			2.82	Jun 17	4.32	* Mar 9 1998
10 PERCENT EXCEEDS	103		37		366	
50 PERCENT EXCEEDS	28		21		81	
90 PERCENT EXCEEDS	20		12		25	

* Also occurred Aug. 2, 1991, at datum then in use.
** Also occurred Jun. 22, 23, and many days in Jul. and Aug.
*** Also occurred Sep. 7.

e Estimated



02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'07'', long 81°31'00'', Barnwell County, Hydrologic Unit 03060106, on left bank, 200 ft downstream of SRS Rd B, at Savannah River Site.

DRAINAGE AREA.--36.7 mi^2.

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to current year.

GAGE.--Data collection platform. Elevation of gage is 145 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	7.5	12	15	55	24	29	25	7.2	10	2.3	2.4
2	19	8.0	12	15	59	22	30	23	6.4	10	2.3	2.4
3	18	8.4	12	21	56	24	29	21	7.6	9.8	2.3	2.3
4	20	9.5	12	19	55	21	28	20	94	9.3	2.2	2.4
5	20	9.6	12	18	53	20	27	20	135	8.8	2.2	2.4
6	19	8.1	12	17	50	19	25	22	133	9.8	2.3	2.4
7	18	7.5	12	16	48	19	25	23	143	34	2.3	2.4
8	19	7.1	12	16	47	17	27	22	e132	44	2.2	2.4
9	18	7.5	13	17	45	18	34	20	e12	43	2.3	7.1
10	17	8.2	12	17	44	19	33	19	e7.9	42	2.3	14
11	16	8.9	11	16	43	18	32	18	2.7	42	2.3	14
12	15	8.8	11	15	42	18	29	17	2.9	45	2.2	14
13	14	8.6	11	15	40	17	25	17	2.8	51	2.2	14
14	14	8.9	11	15	37	23	23	17	4.1	55	2.2	14
15	13	11	12	22	35	24	23	16	6.0	116	2.2	14
16	12	12	13	21	34	23	25	15	8.3	147	2.3	15
17	11	13	13	21	34	22	22	14	7.5	144	2.3	15
18	11	13	11	29	34	22	20	14	6.9	143	2.3	15
19	11	13	11	29	34	21	19	14	7.1	107	2.4	15
20	11	13	11	28	33	20	17	13	7.0	50	2.4	15
21	10	14	11	27	32	21	17	12	6.6	49	2.4	15
22	10	13	11	26	30	21	16	12	6.4	49	2.3	15
23	8.3	13	11	39	27	20	15	11	6.4	36	2.3	15
24	7.7	13	11	60	26	20	15	12	6.5	4.1	2.4	15
25	7.5	13	14	56	25	24	15	10	6.8	4.0	2.5	15
26	7.3	13	17	54	24	34	14	9.6	6.9	4.2	2.4	15
27	7.1	13	17	51	24	33	14	9.7	6.9	4.4	2.4	15
28	7.4	12	17	49	25	32	16	9.1	7.0	6.0	2.4	16
29	7.3	12	17	47	---	30	16	8.3	9.7	2.4	2.4	9.2
30	7.4	12	18	46	---	29	22	7.8	11	8.7	2.4	9.4
31	7.4	---	15	45	---	27	---	7.5	---	2.2	2.4	---
TOTAL	404.4	319.6	395	882	1091	702	682	479.0	807.6	1290.7	71.8	324.8
MEAN	13.0	10.7	12.7	28.5	39.0	22.6	22.7	15.5	26.9	41.6	2.32	10.8
MAX	21	14	18	60	59	34	34	25	143	147	2.5	16
MIN	7.1	7.1	11	15	24	17	14	7.5	2.7	2.2	2.2	2.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)

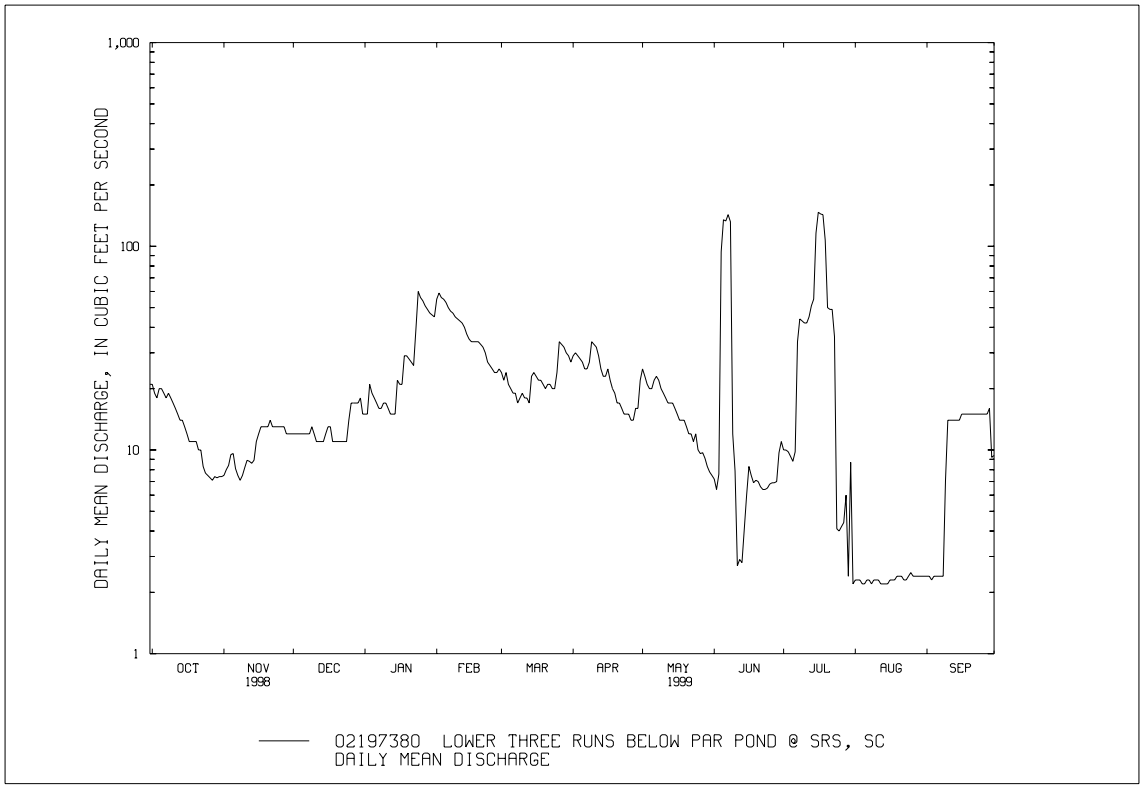
MEAN	27.1	28.3	33.2	45.8	50.4	53.9	38.2	33.2	31.5	29.1	35.0	30.6
MAX	83.7	69.0	59.5	95.7	128	170	84.4	69.6	62.0	62.6	135	109
(WY)	1991	1993	1990	1993	1998	1998	1998	1991	1992	1989	1991	1991
MIN	1.59	2.54	5.81	9.79	7.30	9.41	12.4	1.05	10.8	7.55	2.32	3.41
(WY)	1989	1982	1975	1995	1995	1995	1976	1987	1987	1977	1999	1982

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1974 - 1999	
ANNUAL TOTAL	17950.4		7449.9			
ANNUAL MEAN	49.2		20.4		36.7	
HIGHEST ANNUAL MEAN					65.2	1991
LOWEST ANNUAL MEAN					17.1	1995
HIGHEST DAILY MEAN	515	Mar 5	147	Jul 16	515	Mar 5 1998
LOWEST DAILY MEAN	4.5	Aug 7	2.2 *	Jul 31	.60	Nov 29 1981
ANNUAL SEVEN-DAY MINIMUM	5.6	Aug 2	2.2	Aug 8	.91	Apr 27 1987
INSTANTANEOUS PEAK FLOW			152	Jul 16	603	Mar 5 1998
INSTANTANEOUS PEAK STAGE			4.23	Jul 16	6.43	Mar 5 1998
10 PERCENT EXCEEDS	120		43		66	
50 PERCENT EXCEEDS	20		15		33	
90 PERCENT EXCEEDS	8.9		2.4		8.3	

* Also occurred Aug. 4, 5, 8, 12-15.

e Estimated



02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35'', long 81°28' 50'', Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi^2.

PERIOD OF RECORD.--March 1974 to December 1996, May 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 117 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	29	37	44	140	53	92	117	17	33	18	15
2	54	30	37	43	180	48	74	64	16	27	18	15
3	47	30	37	92	127	47	63	49	16	23	17	15
4	50	32	37	63	119	48	59	44	36	21	17	15
5	68	33	37	52	113	44	57	43	131	19	16	14
6	53	33	37	47	105	44	53	51	152	27	16	14
7	50	33	37	47	100	43	52	54	155	63	16	15
8	56	32	37	46	95	e42	58	46	147	73	16	17
9	54	32	37	46	91	e43	104	41	20	67	16	17
10	47	33	37	47	91	e46	72	38	15	63	16	25
11	44	33	e35	44	90	e44	63	38	14	79	16	26
12	42	33	e35	43	85	e45	58	36	15	122	15	26
13	41	33	e35	43	82	e45	51	36	13	145	15	26
14	40	33	e38	43	76	e47	48	37	13	112	15	26
15	38	35	39	100	73	e52	56	35	29	114	16	28
16	37	40	54	70	70	e56	78	33	49	200	18	31
17	36	53	42	60	69	54	53	30	179	212	20	28
18	35	43	39	95	75	52	46	29	37	189	17	28
19	34	41	37	92	72	49	44	30	25	188	16	29
20	34	41	37	71	67	46	42	28	22	118	27	32
21	34	42	36	66	65	49	40	26	22	86	21	34
22	33	40	36	64	62	49	37	25	20	82	19	31
23	32	39	36	90	59	46	35	26	19	81	18	29
24	31	39	35	246	57	45	34	26	18	32	20	29
25	30	39	60	142	55	56	33	24	21	23	26	30
26	30	40	74	115	54	126	33	22	22	21	20	30
27	29	39	64	106	53	87	32	23	23	20	19	41
28	29	38	52	102	54	68	36	21	34	22	18	72
29	29	37	49	97	---	61	39	20	54	19	17	64
30	29	37	48	93	---	58	69	19	74	24	16	40
31	29	---	45	95	---	56	---	18	---	19	15	---
TOTAL	1261	1092	1296	2404	2379	1649	1611	1129	1408	2324	550	842
MEAN	40.7	36.4	41.8	77.5	85.0	53.2	53.7	36.4	46.9	75.0	17.7	28.1
MAX	68	53	74	246	180	126	104	117	179	212	27	72
MIN	29	29	35	43	53	42	32	18	13	19	15	14
CFSM	.69	.61	.70	1.31	1.43	.90	.91	.61	.79	1.26	.30	.47
IN.	.79	.69	.81	1.51	1.49	1.03	1.01	.71	.88	1.46	.35	.53

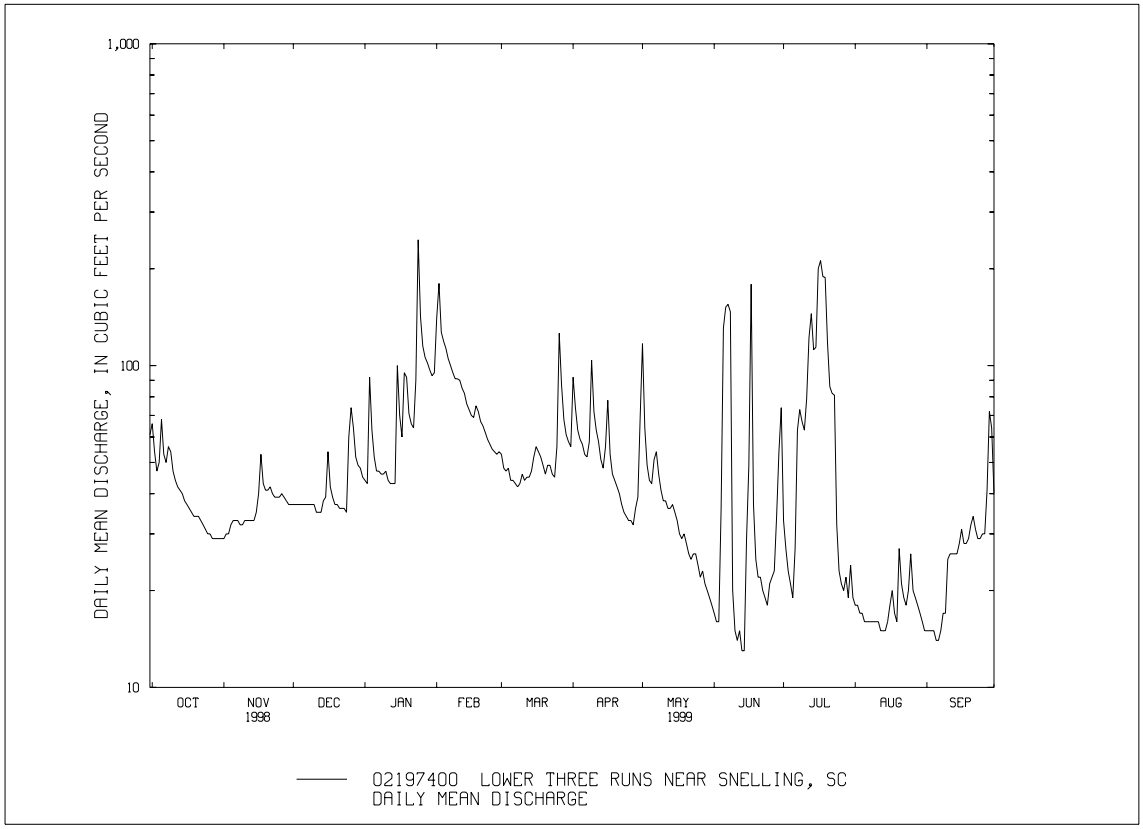
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1999, BY WATER YEAR (WY)

MEAN	62.7	68.4	82.3	109	116	123	91.7	75.0	65.9	60.3	75.1	66.6
MAX	202	122	142	186	231	286	198	165	122	154	290	204
(WY)	1991	1991	1990	1978	1998	1998	1980	1984	1992	1975	1991	1991
MIN	20.4	23.7	41.8	54.0	64.2	44.4	30.3	23.7	23.7	20.1	17.7	17.8
(WY)	1989	1982	1999	1985	1988	1985	1985	1985	1986	1981	1999	1981

02197400 LOWER THREE RUNS NEAR SNELLING, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1974 - 1999	
ANNUAL TOTAL	38679		17945			
ANNUAL MEAN	106		49.2		84.5	
HIGHEST ANNUAL MEAN					145	1991
LOWEST ANNUAL MEAN					49.2	1999
HIGHEST DAILY MEAN	720	Mar 8	246	Jan 24	743	Oct 23 1990
LOWEST DAILY MEAN	20	Aug 7	13	Jun 13	13	Jul 19 1986
ANNUAL SEVEN-DAY MINIMUM	23	Aug 1	15	Aug 31	15	Aug 31 1999
INSTANTANEOUS PEAK FLOW			292	Jan 24	913	Oct 23 1990
INSTANTANEOUS PEAK STAGE			3.19	Jan 24	4.53	Oct 23 1990
ANNUAL RUNOFF (CFSM)	1.79		.83		1.43	
ANNUAL RUNOFF (INCHES)	24.26		11.26		19.37	
10 PERCENT EXCEEDS	236		92		150	
50 PERCENT EXCEEDS	62		39		70	
90 PERCENT EXCEEDS	31		18		29	

e Estimated



02197415 LOWER THREE RUNS NEAR MARTIN, SC

LOCATION.--Lat 33°04'24'', long 81°28' 37'', Allendale County, Hydrologic Unit 03060106, on right bank 50 ft upstream side of State road 125, 1.3 mi downstream of Davis Branch, 1.4 mi upstream of Mill Creek.

DRAINAGE AREA.--110 mi^2.

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 80 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site Operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

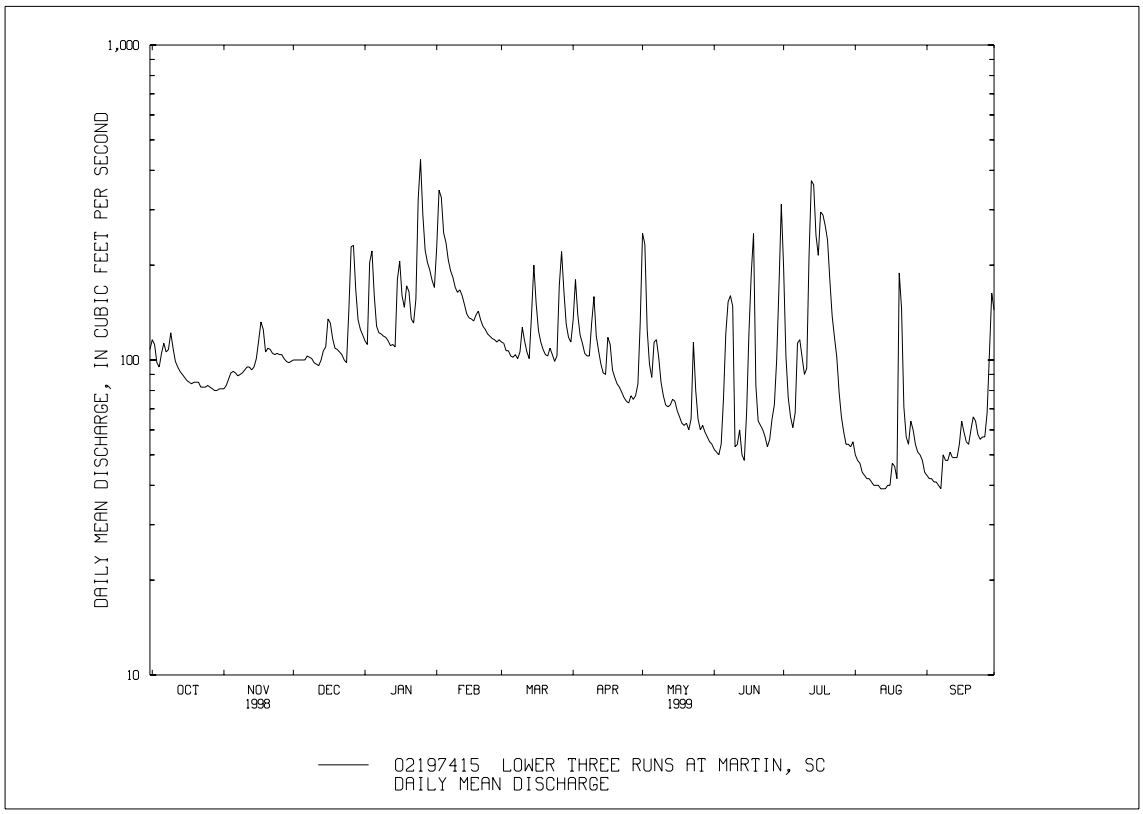
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	81	100	115	228	114	134	253	52	197	50	43
2	112	83	100	112	346	113	180	233	51	103	48	42
3	98	87	100	204	328	107	139	125	50	76	47	42
4	95	91	100	222	253	107	120	97	54	66	44	41
5	105	92	100	160	236	103	113	88	75	61	43	41
6	113	91	100	128	208	102	105	114	121	68	42	40
7	106	89	103	122	192	104	103	116	153	113	42	39
8	108	90	102	121	183	101	103	102	160	116	41	50
9	122	91	101	119	170	106	131	85	148	102	40	48
10	109	93	98	118	164	127	159	77	53	90	40	48
11	99	95	97	115	167	115	119	72	54	94	40	51
12	95	95	96	111	160	106	107	71	60	214	39	49
13	92	93	100	112	150	101	97	72	50	371	39	49
14	90	95	107	110	140	139	91	75	48	360	39	49
15	88	101	110	180	136	200	90	74	68	249	40	54
16	86	115	135	206	135	151	118	69	121	215	40	64
17	85	132	131	160	133	124	112	66	187	295	47	59
18	84	125	117	147	139	114	93	63	252	289	46	55
19	85	106	109	172	143	108	88	62	83	267	42	54
20	85	109	108	165	134	104	84	63	64	240	189	60
21	85	108	106	135	128	103	82	60	62	179	146	66
22	82	105	104	131	125	109	79	65	60	138	71	64
23	82	104	100	156	121	104	76	114	57	118	57	58
24	82	105	98	325	119	99	74	80	53	102	54	56
25	83	104	143	433	117	103	73	65	56	79	64	57
26	82	104	229	290	116	172	77	60	65	66	60	57
27	81	101	231	223	114	221	75	62	72	59	54	68
28	80	99	167	204	116	165	77	59	100	54	51	105
29	80	98	134	193	---	130	84	57	171	54	50	163
30	81	99	125	179	---	118	131	55	312	53	48	144
31	81	---	120	170	---	114	---	54	---	55	44	---
TOTAL	2872	2981	3671	5338	4701	3784	3114	2708	2912	4543	1697	1816
MEAN	92.6	99.4	118	172	168	122	104	87.4	97.1	147	54.7	60.5
MAX	122	132	231	433	346	221	180	253	312	371	189	163
MIN	80	81	96	110	114	99	73	54	48	53	39	39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	92.6	99.4	118	270	311	322	255	141	112	119	73.7	97.2
MAX	92.6	99.4	118	367	453	523	406	195	127	147	92.7	134
(WY)	1999	1999	1999	1998	1998	1998	1998	1998	1998	1999	1998	1998
MIN	92.6	99.4	118	172	168	122	104	87.4	97.1	90.7	54.7	60.5
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1998	1999	1999

02197415 LOWER THREE RUNS NEAR MARTIN, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL TOTAL	81530		40137			
ANNUAL MEAN	223		110		110	
HIGHEST ANNUAL MEAN					110	1999
LOWEST ANNUAL MEAN					110	1999
HIGHEST DAILY MEAN	2180	Mar 9	433	Jan 25	2180	Mar 9 1998
LOWEST DAILY MEAN	67	Aug 6	39	Aug 12	39	Aug 12 1999
ANNUAL SEVEN-DAY MINIMUM	72	Aug 2	40	Aug 9	40	Aug 9 1999
INSTANTANEOUS PEAK FLOW			470	Jan 25	2530	Mar 9 1998
INSTANTANEOUS PEAK STAGE			5.70	Jan 25	8.77	Mar 9 1998
10 PERCENT EXCEEDS	455		185		367	
50 PERCENT EXCEEDS	122		101		114	
90 PERCENT EXCEEDS	82		50		59	



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), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7.

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

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

GAGE.--Data collection platform. Datum of gage is 52.42 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Thurmond Lake (see 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by U.S. Army Corps of Engineers, discharge, 220,000 ft^3/s, from rating curve extended above 141,000 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8000	6620	6610	5530	6850	5800	6870	6710	4610	6380	5240	7280
2	8130	6190	6760	5770	9100	5910	6730	6760	4490	6450	5180	7170
3	7830	6110	6890	5670	12800	5520	6850	6390	4710	6840	5070	7230
4	6760	6790	6200	5970	15400	5760	6920	6000	5020	6480	5030	7620
5	6070	7570	6140	6190	15900	7220	6590	5720	5120	5900	5040	7770
6	6210	7930	5970	6810	12700	7090	6870	5910	5040	e5690	5110	6940
7	6270	7710	5720	7060	10200	6020	7400	6020	4890	e5840	4920	7490
8	6690	7070	5740	6290	9350	5920	7260	5850	5190	e6220	4870	7670
9	7040	6280	6420	5610	9510	6480	7730	5730	5290	6070	4580	8110
10	6960	6400	6670	5640	11900	7410	8220	5960	4930	5760	4880	8080
11	6780	7040	6600	5900	13300	7180	7330	5610	4910	5690	5860	8080
12	6890	6980	6240	6500	13600	6420	6990	5380	4760	6020	6440	7400
13	6240	7020	6030	6190	13100	6130	7150	5330	4670	7100	6570	5840
14	6540	6810	6150	5550	11900	6360	6780	5470	4810	7880	6570	5930
15	6630	7060	6390	5890	10100	7060	6670	5340	4830	7620	5990	5870
16	7330	6840	6830	6630	9410	8560	6820	5040	4830	7270	5900	6370
17	7400	6920	7190	6400	8560	10800	6880	4720	5960	7650	6570	5560
18	6510	6790	7210	6300	7680	9790	6060	4900	7860	7510	7710	5210
19	5790	7000	6880	7380	7320	7340	5370	5660	8060	6760	8310	4980
20	5480	7110	6610	8300	7380	6780	5850	5880	6110	6630	8610	4640
21	5350	7120	6220	7270	6790	6480	6500	5200	5330	6390	8490	4880
22	5380	7420	5930	6630	6050	6130	6530	5030	5240	5940	8260	5550
23	6500	6360	6070	7070	6500	6460	6420	5190	5230	5630	6930	5660
24	6270	6390	5930	8030	7920	7030	6390	5540	5220	6590	5950	5420
25	5480	7710	6220	7910	8200	7290	6080	5560	5190	6560	7410	5250
26	5490	8390	6810	9250	7660	7270	6160	5410	5240	5890	8040	5080
27	8350	7880	6550	9710	6510	7530	5910	5420	5280	5960	7890	5250
28	12700	6190	6250	8120	5620	7430	5620	5370	5320	6660	7920	5910
29	14500	5850	6070	6950	---	7050	5860	4840	5450	6480	7340	7060
30	14000	6360	5800	6300	---	6650	6770	4750	6150	5690	6520	7240
31	9040	---	5760	6260	---	6450	---	4940	---	5470	6160	---
TOTAL	228610	207910	196860	209080	271310	215320	199580	171630	159740	199020	199360	192540
MEAN	7375	6930	6350	6745	9690	6946	6653	5536	5325	6420	6431	6418
MAX	14500	8390	7210	9710	15900	10800	8220	6760	8060	7880	8610	8110
MIN	5350	5850	5720	5530	5620	5520	5370	4720	4490	5470	4580	4640
CFSM	.85	.80	.73	.78	1.12	.80	.77	.64	.62	.74	.74	.74
IN.	.98	.89	.85	.90	1.17	.93	.86	.74	.69	.86	.86	.83

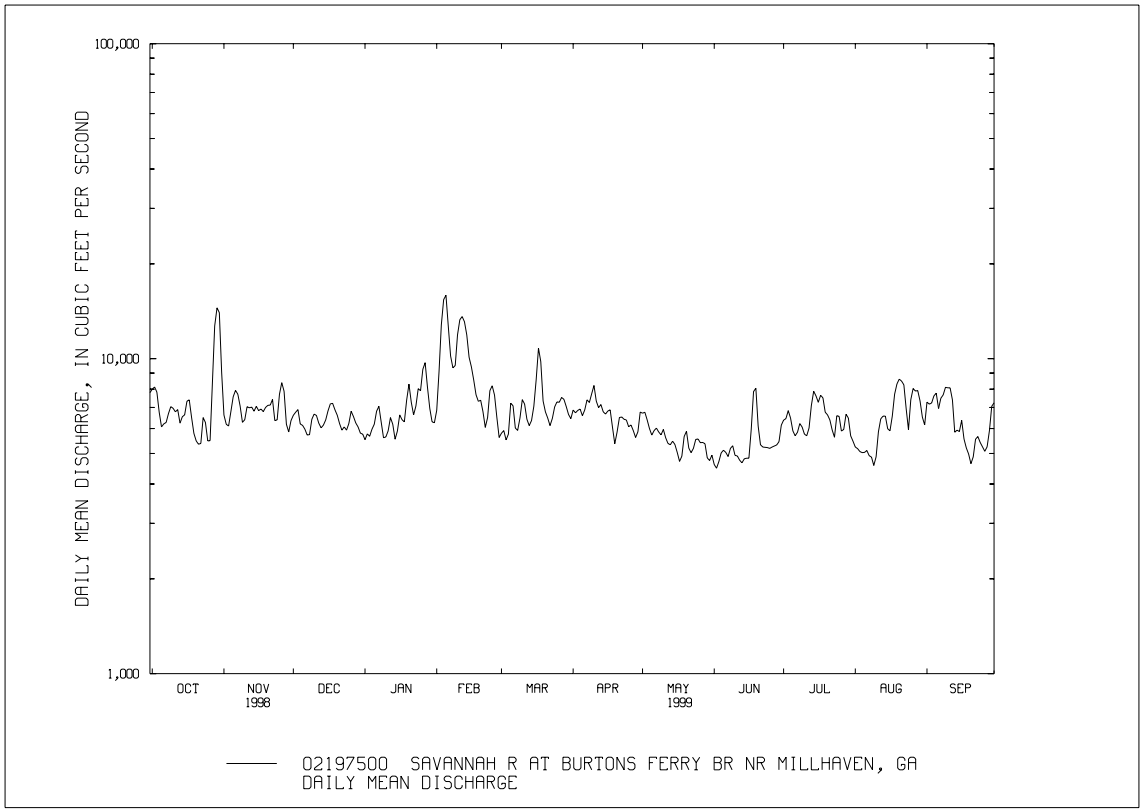
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1999, BY WATER YEAR (WY)

MEAN	7573	7797	10020	12650	14230	16740	14690	10660	8095	8122	8442	7691
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	6089	5886	4192	4705	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	1988	1988	1941	1952	1952	1951	1941

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

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1940 - 1999	
ANNUAL TOTAL	5848320		2450960			
ANNUAL MEAN	16020		6715		10540	
HIGHEST ANNUAL MEAN					18320	1964
LOWEST ANNUAL MEAN					5790	1988
HIGHEST DAILY MEAN	39600	Feb 10	15900	Feb 5	138000	Aug 18 1940
LOWEST DAILY MEAN	5350	Oct 21	4490	Jun 2	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	5710	Oct 20	4770	May 29	2490	Sep 9 1951
INSTANTANEOUS PEAK FLOW			16100	Feb 5	141000	Aug 18 1940
INSTANTANEOUS PEAK STAGE			12.84	Feb 5	27.00	Aug 18 1940
ANNUAL RUNOFF (CFSM)	1.85		.78		1.22	
ANNUAL RUNOFF (INCHES)	25.15		10.54		16.56	
10 PERCENT EXCEEDS	31900		8110		20000	
50 PERCENT EXCEEDS	8600		6450		7740	
90 PERCENT EXCEEDS	6250		5190		5090	

e Estimated



02198500 SAVANNAH RIVER NEAR CLYO, GA

LOCATION.--Lat 32°31'30'', long 81°15'45'', Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyo, and at mile 60.9.

DRAINAGE AREA.--9,850 mi^2, approximately.

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.--Data collection platform. Datum of gage is 13.39 ft above sea level. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8540	11900	7290	7060	8520	7050	7520	7340	5950	7600	6970	7430
2	e8370	9470	7520	6910	9220	6880	7740	7520	5800	8020	6700	7910
3	e8600	7810	7690	7130	10400	6910	7760	7580	5740	8350	6530	8140
4	e8680	7350	7800	7090	11800	6640	7790	7390	5780	8630	6400	8100
5	e8620	7640	7430	7200	12900	6690	7880	7080	5980	8380	6310	8380
6	e8040	8270	7220	7400	13900	7630	7660	6890	6130	7860	6290	8540
7	e7710	8690	7080	7830	14500	7850	7740	6960	6110	7700	6330	8050
8	7610	8670	6860	8180	14400	7180	8180	7050	6000	7840	6190	8150
9	7910	8230	6820	7770	13500	6870	8190	6970	6170	7990	6070	8430
10	8260	7560	7210	7140	12700	7180	8430	6870	6350	7990	5930	8690
11	8280	7400	7510	6950	12600	7890	8820	6980	6160	7790	5980	8800
12	8090	7790	7540	7110	12900	7980	8390	6790	6030	7890	6660	8770
13	8040	7890	7330	7560	13300	7470	7880	6550	5940	8110	7280	8340
14	7630	7930	7110	7540	13600	7150	7830	6460	5870	8800	7550	7150
15	7580	7810	7140	7110	13500	7220	7640	6520	5920	9540	7620	6790
16	7690	7930	7340	7120	12800	7700	7490	6450	6000	9660	7220	6780
17	8140	7870	7650	7640	11800	8740	7480	6190	6110	9700	7030	6960
18	8380	7830	8000	7750	10700	10100	7520	5870	6900	10100	7380	6560
19	7860	7790	8150	7680	9660	10500	7000	5920	8400	10200	8270	6130
20	7190	7860	7950	8320	9000	9230	6380	6470	9120	9690	9020	5920
21	6780	8060	7700	9200	8750	8090	6540	6750	8070	9260	9440	5600
22	6560	8100	7370	8900	8290	7620	7030	6360	7040	8960	9460	5620
23	6520	8300	7090	8320	7530	7350	7200	6080	6680	8420	9320	6070
24	7140	7720	7100	8970	7580	7540	7150	6150	6610	7890	8480	6310
25	7260	7480	7110	9780	8480	7990	7120	6430	6610	8250	7580	6180
26	6730	8280	7440	10100	9040	8260	6920	6540	6680	8370	8190	6010
27	6590	9010	7860	10700	8810	8230	6880	6480	6690	7810	9000	5920
28	8170	8910	7790	11300	7960	8340	6760	6450	6740	7600	9130	6110
29	10500	7750	7560	11000	---	8320	6520	6420	6850	7980	9120	6560
30	11600	7090	7360	9730	---	8020	6660	6040	7120	7980	8760	7390
31	12300	---	7170	8730	---	7680	---	5830	---	7370	7970	---
TOTAL	251370	244390	230190	255220	308140	242300	224100	205380	195550	261730	234180	215790
MEAN	8109	8146	7425	8233	11000	7816	7470	6625	6518	8443	7554	7193
MAX	12300	11900	8150	11300	14500	10500	8820	7580	9120	10200	9460	8800
MIN	6520	7090	6820	6910	7530	6640	6380	5830	5740	7370	5930	5600
CFSM	.82	.83	.75	.84	1.12	.79	.76	.67	.66	.86	.77	.73
IN.	.95	.92	.87	.96	1.16	.92	.85	.78	.74	.99	.88	.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1999, BY WATER YEAR (WY)

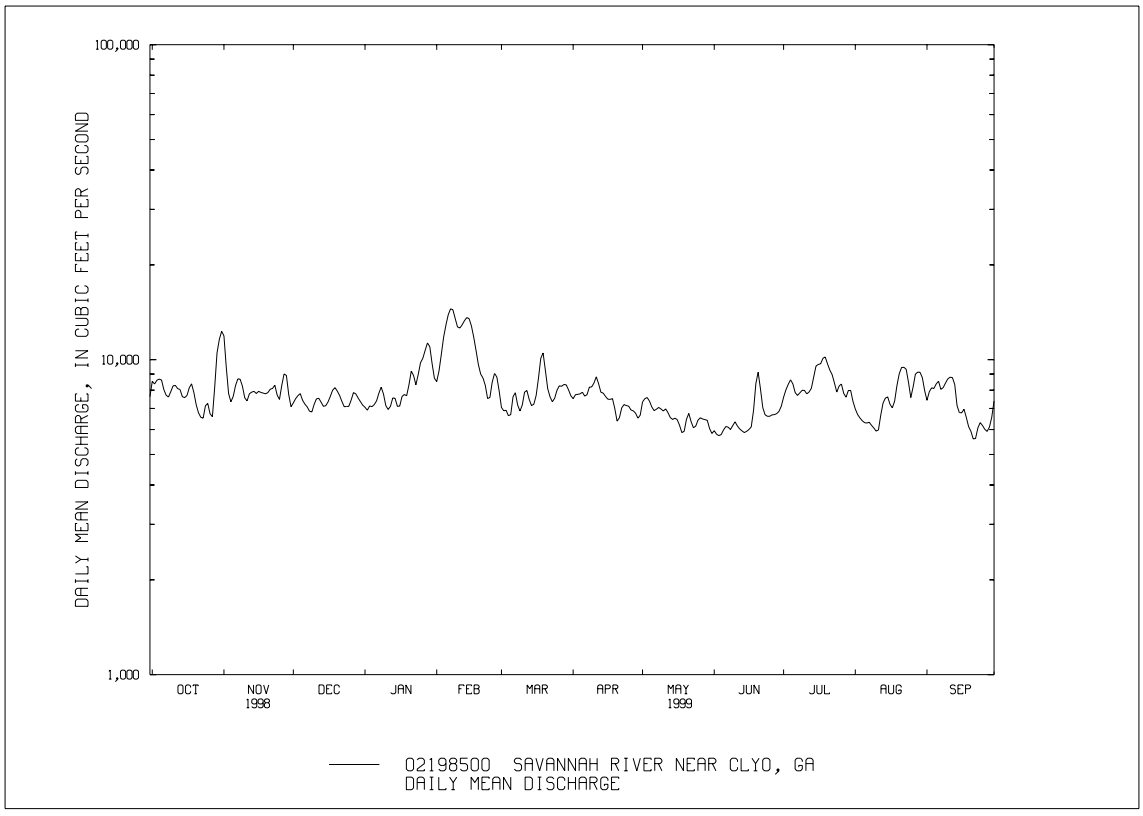
MEAN	9277	8829	11350	14440	16270	18710	17500	11870	9596	8850	9101	8219
MAX	83660	26510	39150	43930	42490	39350	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1993	1998	1998	1964	1964	1973	1941	1940	1964
MIN	2772	3233	5122	5853	6722	7043	6664	4873	4925	4635	4793	3098
(WY)	1932	1932	1940	1956	1989	1988	1986	1941	1988	1952	1951	1931

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1930 - 1999	
ANNUAL TOTAL	6913900		2868340			
ANNUAL MEAN	18940		7858		11980	
HIGHEST ANNUAL MEAN					20900	1964
LOWEST ANNUAL MEAN					6399	1988
HIGHEST DAILY MEAN	52600	Mar 12	14500	Feb 7	e 203000	** Oct 2 1929
LOWEST DAILY MEAN	6520	Oct 23	5600	Sep 21	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	6800	Oct 21	5870	May 30	2470	Sep 23 1931
INSTANTANEOUS PEAK FLOW			14600	Feb 7	* 270000	Oct 6 1929
INSTANTANEOUS PEAK STAGE			10.86	Feb 7	* 29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)	1.92		.80		1.22	
ANNUAL RUNOFF (INCHES)	26.11		10.83		16.52	
10 PERCENT EXCEEDS	38000		9460		22000	
50 PERCENT EXCEEDS	9970		7640		8940	
90 PERCENT EXCEEDS	7420		6250		5770	

* Present datum (from unformation by U.S. Army Corps of Engineers) and from rating curve extended above 120,000 ft^3/s.
** Also occurred on Oct. 3-10, 1929, which are estimates.

e Estimated



02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

LOCATION.--Lat 32°20'34'', long 81°07'53'', Jasper County, Hydrologic Unit Code 03060109, on canal near Bride Point at Jasper-Beaufort Water Authority pump house, 14 mi upstream from Abercorn Creek, and 7 mi northwest of Hardeeville, SC.

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

GAGE.--Data collection platform. Records prior to October 1, 1987 are available through the U.S. Geological Survey, Georgia District. Datum of gage is sea level (levels furnished by the U.S. Army Corps of Engineers). Prior to May 30, 1990, at a site 2.0 mi downstream at same datum.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.18 ft, Feb. 17, 1998; minimum gage height, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.60 ft, Feb. 9; minimum gage height, 3.18 ft, Jun. 3, 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.79	5.21	6.04	8.70	8.00	8.40	6.54	4.76	5.66	6.83	4.98	5.91
2	7.33	5.80	6.59	8.55	7.51	8.11	6.77	4.94	5.89	7.06	4.99	6.11
3	7.52	6.26	6.91	7.89	6.16	7.08	6.98	5.22	6.09	6.97	5.14	6.05
4	7.53	6.39	7.00	7.14	5.39	6.32	6.99	5.34	6.13	6.46	4.85	5.58
5	7.46	6.06	6.84	7.13	5.28	6.28	6.87	5.22	6.00	6.33	4.83	5.51
6	7.31	5.67	6.57	7.33	5.61	6.54	6.67	5.00	5.79	6.57	5.03	5.77
7	7.13	5.49	6.38	7.33	5.83	6.60	6.52	4.83	5.63	6.50	5.16	5.81
8	6.95	5.32	6.18	7.32	5.97	6.62	6.28	4.63	5.37	6.73	5.53	6.05
9	6.92	5.32	6.13	7.06	5.76	6.43	5.83	4.42	5.08	6.57	5.34	6.02
10	7.00	5.51	6.22	6.73	5.27	6.04	6.15	4.64	5.33	5.97	4.91	5.51
11	7.03	5.65	6.32	6.20	4.93	5.60	6.35	4.87	5.59	6.05	4.76	5.30
12	6.88	5.55	6.21	6.38	4.96	5.62	6.44	5.11	5.81	5.85	4.63	5.20
13	6.86	5.51	6.16	6.56	5.24	5.92	6.45	5.13	5.69	6.19	4.74	5.46
14	6.60	5.37	6.03	6.58	5.37	6.00	6.14	4.86	5.44	6.46	5.09	5.70
15	6.57	5.16	5.86	6.59	5.31	5.90	6.43	4.79	5.58	6.43	4.94	5.57
16	6.70	5.20	5.95	6.58	5.25	5.91	6.33	4.87	5.59	6.42	4.71	5.54
17	6.85	5.38	6.15	6.66	5.38	5.95	6.44	5.02	5.66	6.69	4.98	5.87
18	6.91	5.67	6.31	6.72	5.28	5.97	6.79	5.17	5.97	6.89	5.38	6.08
19	6.76	5.47	6.16	6.78	5.40	6.04	6.95	5.55	6.22	6.74	5.29	5.97
20	6.44	4.94	5.73	6.64	5.26	5.92	6.87	5.55	6.18	6.85	5.39	6.14
21	6.17	4.60	5.41	6.57	5.35	5.92	6.71	5.36	6.01	7.28	6.01	6.67
22	6.01	4.38	5.17	6.62	5.42	5.98	6.51	5.09	5.78	7.43	6.31	6.88
23	6.13	4.31	5.17	6.76	5.56	6.11	6.49	4.90	5.61	7.27	6.05	6.71
24	6.13	4.42	5.27	6.50	5.28	5.88	6.48	4.86	5.60	7.33	6.13	6.83
25	6.20	4.85	5.44	6.38	5.03	5.64	6.56	4.91	5.71	7.56	6.49	7.11
26	5.90	4.50	5.18	6.45	5.19	5.79	6.71	5.19	6.03	7.85	6.89	7.45
27	5.82	4.24	4.90	6.77	5.53	6.17	6.85	5.35	6.23	8.11	7.17	7.72
28	6.32	4.46	5.38	7.06	5.98	6.51	7.03	5.57	6.31	8.37	7.50	8.00
29	7.39	5.48	6.61	7.02	5.65	6.32	7.04	5.44	6.23	8.55	7.82	8.17
30	8.05	6.80	7.51	6.57	4.96	5.74	6.80	5.22	5.95	8.48	7.56	8.03
31	8.51	7.52	8.03	---	---	---	6.85	5.05	5.94	8.20	7.13	7.69
MONTH	8.51	4.24	6.12	8.70	4.93	6.24	7.04	4.42	5.81	8.55	4.63	6.34

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.91	6.79	7.41	6.72	5.14	5.95	6.87	5.29	6.03	6.81	5.11	5.92
2	7.81	6.70	7.29	6.66	4.92	5.82	6.71	5.31	5.93	6.93	5.35	6.18
3	8.03	6.96	7.55	6.75	4.94	5.81	6.73	5.43	6.06	6.94	5.25	6.07
4	8.48	7.70	8.09	6.14	4.53	5.24	6.74	5.41	6.02	6.72	5.06	5.85
5	8.89	8.31	8.60	6.17	4.52	5.32	6.60	5.47	5.99	6.53	4.84	5.65
6	9.22	8.79	9.00	6.30	4.90	5.62	6.90	5.44	6.17	6.12	4.62	5.32
7	9.44	9.05	9.27	6.36	5.37	5.84	6.50	5.32	5.82	6.12	4.56	5.22
8	9.51	9.27	9.41	6.37	5.02	5.74	6.35	5.50	5.89	5.82	4.57	5.14
9	9.60	9.30	9.46	6.21	4.78	5.49	6.54	5.63	6.06	5.84	4.57	5.20
10	9.47	9.04	9.28	5.77	4.72	5.26	6.65	5.64	6.08	6.01	4.51	5.25
11	9.28	8.89	9.06	6.30	4.95	5.78	7.12	5.86	6.60	6.35	4.54	5.45
12	9.15	8.79	8.94	6.53	5.49	6.03	7.13	6.00	6.59	6.46	4.66	5.60
13	9.09	8.73	8.91	6.66	5.43	6.03	7.20	5.86	6.59	6.54	4.44	5.52
14	9.29	8.80	9.07	6.86	5.22	6.06	7.19	5.68	6.46	6.62	4.39	5.51
15	9.43	8.98	9.22	6.42	4.92	5.63	7.19	5.65	6.50	6.75	4.46	5.59
16	9.45	9.03	9.24	6.90	5.12	6.00	7.14	5.25	6.12	6.75	4.53	5.71
17	9.37	8.71	9.05	7.30	5.61	6.42	6.86	5.19	5.98	6.76	4.32	5.63
18	9.06	8.17	8.65	7.87	6.41	7.08	6.88	5.21	5.99	6.67	4.02	5.45
19	8.65	7.44	8.12	8.09	7.13	7.63	6.78	4.82	5.76	6.46	3.83	5.14
20	8.08	6.84	7.53	8.18	6.83	7.57	6.48	4.24	5.26	6.29	4.23	5.25
21	7.75	6.45	7.15	7.76	5.91	6.88	5.96	4.25	5.04	6.39	4.45	5.44
22	7.51	6.04	6.91	7.00	5.41	6.19	6.23	4.53	5.38	6.20	4.13	5.21
23	7.26	5.55	6.50	6.77	5.12	5.93	6.30	4.71	5.48	5.79	3.86	4.82
24	6.98	5.49	6.18	6.56	5.17	5.80	6.40	4.74	5.51	5.55	3.71	4.63
25	7.11	5.37	6.42	6.56	5.21	5.96	6.57	4.99	5.84	5.88	3.84	4.77
26	7.36	5.99	6.78	6.90	5.53	6.28	6.41	4.85	5.68	5.96	4.05	4.92
27	7.58	6.37	6.97	6.99	5.74	6.35	6.34	4.71	5.54	6.10	4.08	4.99
28	7.40	5.94	6.64	6.98	5.76	6.37	6.46	4.73	5.60	6.02	4.03	5.01
29	---	---	---	7.01	5.81	6.40	6.44	4.57	5.53	5.93	4.01	4.93
30	---	---	---	7.02	5.76	6.39	6.61	4.58	5.52	5.78	3.72	4.78
31	---	---	---	7.01	5.61	6.34	---	---	---	5.73	3.46	4.57
MONTH	9.60	5.37	8.10	8.18	4.52	6.10	7.20	4.24	5.90	6.94	3.46	5.31

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.73	3.56	4.56	6.59	5.20	5.77	6.36	4.36	5.35	6.88	5.31	6.21
2	5.72	3.37	4.46	6.63	5.31	5.93	6.11	4.22	5.21	7.03	5.18	6.20
3	5.60	3.18	4.14	6.71	5.40	6.00	6.26	4.10	5.26	7.29	5.66	6.55
4	5.04	3.18	4.07	6.69	5.49	6.09	6.27	4.09	5.31	7.19	5.69	6.57
5	5.47	3.51	4.53	6.65	5.29	6.02	6.18	3.88	5.14	7.08	5.57	6.38
6	5.60	3.72	4.69	6.50	5.05	5.79	6.20	3.76	5.06	7.17	5.65	6.37
7	5.59	3.73	4.70	6.36	4.76	5.56	6.27	3.83	5.08	7.11	5.45	6.33
8	5.80	3.62	4.74	6.47	4.69	5.53	6.12	3.67	4.93	7.11	5.48	6.30
9	5.89	3.59	4.73	6.60	4.76	5.60	6.20	3.53	4.76	7.19	5.69	6.44
10	6.22	3.85	4.97	6.68	4.80	5.65	6.36	3.56	4.95	7.23	5.83	6.53
11	6.45	3.87	5.12	6.73	4.68	5.62	6.34	3.69	5.06	7.25	6.03	6.70
12	6.53	3.96	5.33	7.00	4.97	5.91	6.49	4.07	5.23	7.32	6.14	6.78
13	6.48	3.83	5.26	7.05	5.10	6.08	6.51	4.64	5.59	7.23	5.89	6.63
14	6.45	3.71	5.14	7.12	5.48	6.28	6.57	4.91	5.77	6.90	5.18	6.14
15	6.37	3.67	5.02	7.23	5.94	6.62	6.52	4.95	5.75	6.43	4.82	5.76
16	6.38	3.67	5.00	7.45	6.18	6.82	---	---	---	6.23	4.54	5.29
17	6.19	3.66	4.88	7.39	6.14	6.75	---	---	---	6.02	4.43	5.14
18	6.19	4.11	5.29	7.24	6.30	6.77	5.86	4.39	5.15	5.92	4.43	5.20
19	6.63	5.15	6.01	7.21	6.36	6.77	6.18	4.64	5.38	5.73	4.12	4.92
20	6.91	5.49	6.34	7.10	6.05	6.59	6.52	5.21	5.85	5.90	3.98	4.92
21	6.83	5.23	6.11	6.70	5.83	6.26	6.81	5.74	6.25	6.06	3.72	4.89
22	6.20	4.62	5.46	6.71	5.64	6.19	7.16	5.98	6.46	6.16	3.77	4.99
23	6.01	4.09	5.07	6.49	5.36	5.94	7.27	6.13	6.65	6.48	4.07	5.31
24	5.93	3.96	4.94	6.35	4.89	5.60	7.02	5.80	6.51	6.57	4.55	5.65
25	5.85	3.88	4.84	6.42	4.88	5.50	6.73	5.07	6.00	6.50	4.45	5.62
26	6.08	3.86	4.81	6.58	5.14	5.73	6.83	5.04	5.81	6.48	4.32	5.48
27	5.85	3.93	4.83	6.55	4.85	5.66	7.15	5.59	6.28	6.47	4.27	5.48
28	5.77	3.97	4.69	6.53	4.65	5.55	7.27	6.00	6.61	6.64	4.32	5.62
29	6.43	4.09	5.27	6.61	4.88	5.64	7.40	6.22	6.86	6.68	4.64	5.81
30	6.59	5.23	5.82	6.62	5.01	5.79	7.45	6.17	6.91	7.04	5.21	6.20
31	---	---	---	6.65	4.62	5.62	7.32	5.66	6.60	---	---	---
MONTH	6.91	3.18	5.03	7.45	4.62	5.99	7.45	3.53	57.2	7.32	3.72	5.88
YEAR	9.60	3.18	6.03									

LAKES AND RESERVOIRS IN SOUTH CAROLINA

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40", long 80°09'00", Darlington County, Hydrologic Unit 03040201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 mi^2. Records available November 1960 to current year. Lake used for cooling water at the Robinson Steam-Electric Generating Plant of Carolina Power and Light Co. Put in operation 1960. Records furnished by Carolina Power and Light Co.

SANTEE RIVER BASIN

02145900 LAKE WYLIE.--Lat 35°01'15", long 81°00'30", York County, Hydrologic Unit 03050101, at powerplant on Catawba River, 2.0 mi upstream from Big Dutchman Creek, 3.5 mi upstream from U.S. Highway 21, 3.5 mi northwest of Fort Mill, and at mile 138.5. Drainage area, 3,020 mi^2, approximately. Records available October 1960 to current year. Records of stage August 1925 to September 1960 collected by Duke Power Company. Gage, float gage, and indicator in powerhouse. Datum of gage is 469.4 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.). Lake, used for hydroelectric power development, was first put in operation August 1925. Usable capacity, 2,520,500,000 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft^3. Records furnished by Duke Power Co.

02147300 FISHING CREEK RESERVOIR.--Lat 34°36'00", long 80°53'34", Chester County, Hydrologic Unit 03050103, at Fishing Creek dam, 0.25 mi upstream from State Highway 97, 0.5 mi upstream from Fishing Creek, 2.5 mi north of Great Falls, and at mile 100.5. Drainage area 3,810 mi2, approximately. Records available October 1960 to current year. Records of stage November 1916 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 317.2 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.). Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft^3. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15", long 80°44'10", Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi upstream from Grannies Quarter Creek, 8.75 mi northwest of Camden, and at mile 73.5. Drainage area 4,750 mi^2, approximately. Records available October 1960 to current year. Records of stage October 1919 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 125.5 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.). Reservoir, used for hydroelectric power, was put in operation in 1917. Usable capacity 2,794,000,000 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft^3. Reservoir contents above 100.0 ft gage height are estimated based on extrapolation of the capacity curve. Records furnished by Duke Energy Corporation.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s
Sept. 30, 1998	220.6	1310		96.6	8634		97.2	1240		96.5	5629	
Oct. 31, 1998	220.6	1310	0	96.7	8683	+18.3	97.4	1267	+10.1	96.7	5738	+40.7
Nov. 30, 1998	220.8	1329	+7.33	96.9	8782	+38.2	99.1	1500	+89.9	96.0	5359	-146.2
Dec. 31, 1998	221.0	1349	+7.47	97.4	9031	+93.0	97.7	1307	-72.1	96.1	5413	+20.2
Cal. Yr. 1998			-1.6			+4.8			+2.1			-1.6
Jan. 31, 1999	221.0	1349	0	96.7	8683	-129.9	96.6	1162	-54.1	96.7	5738	+121.3
Feb. 28, 1999	220.9	1339	-4.13	97.3	8981	+123.2	97.2	1240	+32.2	97.2	6012	+113.3
Mar. 31, 1999	220.9	1339	0	97.2	8931	-18.7	98.2	1375	+50.4	97.2	6012	0
Apr. 30, 1999	221.0	1349	+3.86	97.9	9284	+136.2	96.2	1111	-101.9	98.1	6518	+195.2
May 31, 1999	220.4	1290	-22.0	96.8	8733	-205.7	97.0	1214	+38.5	96.5	5629	-331.9
June 30, 1999	220.6	1310	+7.72	97.2	8931	+76.4	98.4	1402	+72.5	97.6	6235	+233.8
July 31, 1999	220.3	1280	-11.2	97.1	8881	-18.7	98.3	1388	+5.2	97.3	6068	-62.4
Aug. 31, 1999	220.2	1271	-3.36	95.9	8294	-219.2	97.3	1254	-50.0	96.6	5683	-143.7
Sept. 30, 1999	221.0	1349	+30.1	96.2	8437	+55.2	97.7	1307	+20.4	96.4	5574	-42.1
Wtr. Yr. 1999			+1.2			-6.2			+2.1			-1.7

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. 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 the current year and the period of record is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1999 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
		Pee Dee River Basin						
Midway Swash at Myrtle Beach, SC(02110740)	Lat 33 39'44", long 78°55'25", Horry County, on Hwy 17 at Myrtle Beach AFB, 1.0 mi from Atlantic Ocean. Drainage area is 0.80 mi^2.	1987-99	09-15-99	8.74	(+)	09-15-99	8.74	(+)
Back Swamp near Darlington, SC (02130800)	Lat 34°18'11", long 79°46'07", Darlington County, on State Highway 35, 5.7 mi east of Darlington. Drainage area is 6.22 mi^2.	1975-99	05-03-99	9.29	312	12-24-94	12.21	800
Tributary to Swift Creek at Darlington, SC(02130970)	Lat 34°18'11", long 79°51'23", Darlington County, east of 6th Street at a crossing of a tributary to Swift Creek, 1.1 mi east of City Hall in Darlington and 0.1 mi upstream of the mouth at Swift Creek. Drainage area is 0.51 mi^2.	1986-99	10-02-98	5.04	122	07-24-97	6.74	(+)
Jeffries Creek above Florence, SC (02131110)	Lat 34°10'40", long 79°48'34", Florence County, at bridge on State Highway 29, 2.6 mi southwest of Florence, and 5.0 mi upstream from confluence with Middle Swamp. Drainage area is 46.6 mi^2.	1968-99	05-01-99	6.11	544	12-24-94	10.72	3,220
Gully Branch at Cherokee Road at Florence, SC (02131130)	Lat 34°11'00", long 79°46'12", Florence County, 1.1 mi south of the City/County Complex, and 0.8 mi upstream of the mouth at Jefferies Creek. Drainage area is 1.92 mi^2.	1984-99	01-24-99	3.93	312	09-11-96	6.37	765
Lynches River near Pageland, SC (02131250)	Lat 34°45'00", long 80°30'31", Chesterfield-Lancaster County, on State Highway 9. Drainage area is 73.2 mi^2.	1991-92♦ 1995-99	05-03-99	10.71	2,590	02/17/98	17.17	(+)
Lynches River near Bishopville, SC (02131500)	Lat 34°15'00", long 80°12'50", Lee County, on U.S. Highway 15, 1.0 mi upstream from Seaboard Coast Line Railroad bridge, 2.9 mi northeast of Bishopville, 3.0 mi downstream from Bells Branch. Drainage area is 675.0 mi^2.	1942-71 1972-99	02-02-99	13.22	3,610	09-19-45	22.35	29,400
Carter Creek at Effingham, SC (02131990)	Lat 34°03'51", long 79°46'03", Florence County, on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River. Drainage area is 8.28 mi^2.	1974-99	05-03-99	7.00	(+)	12-24-94	9.61	1,440

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
Two Mile Branch near Lake City, SC (02132100)	Lat 33°53'38", long 79°45'38", Florence County, on U.S. Highway 378 By-Pass and 1.4 mi north of Lake City. Drainage area is 19.0 mi^2.	1976-99	05-03-99	6.59	261	12-24-94	10.19	2,400
Little Pee Dee River near Dillon, SC (02132500)	Lat 34°24'17", long 79°20'25", Dillon County, on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi^2.	1939-71♦ 1972-99	09-21-99	12.12	5,660	09-20-45	14.64	9,810
Davis Branch near Sumter, SC (021355013)	Lat 33°49'53", long 80°12'38", Sumter County, off road 341, 9.5 mi southeast of Sumter and 15.8 mi northeast of Pinewood. Drainage area is 2.50 mi^2.	1991-99	04-30-99	4.10	48.0	07-24-97	6.30	81.6
Turkey Creek at Sumter, SC (02135518)	Lat 33°55'13", long 80°19'43", Sumter County, 0.7 mi east of City Hall, 4.0 mi above mouth at Pocataligo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi^2.	1985-99	10-02-98	7.91	306	07-29-94	11.93	(+)
Chaney Swamp near Greeleyville, SC (02136010)	Lat 33°35'12", long 79°56'48", Williamsburg County, on U.S. Highway 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville. Drainage area is 17.0 mi^2.	1974-99	B	A	(+)	08-24-92	7.16	(+)
		Santee River Basin						
Crowders Creek near Clover, SC (02145642)	Lat 35°08'14", long 81°08'09", York County, on road 1104, 1.7 mi downstream from mouth of Rocky Branch and 5.6 mi northeast of Clover. Drainage area is 89.0 mi^2.	1991-92♦ 1993-99	01-03-99	7.34	1,390	08-27-95	16.69	(+)
Camp Run Creek near Clover, SC (021456499)	Lat 35°06'27", long 81°08'23",York County, on road 649, 4.5 mi east of Clover. Drainage area is 3.14 mi^2.	1990-99	B	A	(+)	08-27-95	6.78	(+)
Steele Creek near Fort Mill, SC (021467801)	Lat 35°02'42", long 80°56'28", York County, on State Highway 21 By-Pass, 2.8 mi north of Fort Mill. Drainage area is 26.4 mi^2	1991-92♦ 1994-99	01-03-99	8.56	496	07-24-97	17.15	(+)
Dunn Creek near Landsford, SC (021471900)	Lat 34°46'00", long 80°53'23", Chester County, on County road 330, 1.8 mi southeast of Landsford. Drainage area is 2.35 mi^2.	1990-99	B	A	(+)	07/24/97	16.22	1,400
Camp Creek near Heath Springs, SC (021474070)	Lat 34°37'16", long 80°43'45", Lancaster County, on road 619, 3.5 mi northwest of Heath Springs. Drainage area is 2.84 mi^2.	1990-99	11-17-98	4.44	(+)	05-19-91	11.46	446
Scabber Branch near Great Falls, SC (02147600)	Lat 34°30'17", long 81°00'22", Fairfield County, on State Highway 200, 1.1 mi upstream of Big Wateree Creek and 7.0 mi southwest of Great Falls. Drainage area is 4.55 mi^2.	1975-99	B	A	(+)	10-26-77	10.07	2,670
Horse Creek near Winnsboro, SC (021476511)	Lat 34°24'07", long 80°58'59",Fairfield County, on State Highway 41, 8.6 mi east of Winnsboro and 6.8 mi north of Ridgeway. Drainage area is 4.73 mi^2.	1991-99	11-17-98	7.17	203	07-24-97	13.68	1,390
Swift Creek near Camden, SC (02148090)	Lat 34°11'49", long 80°28'58", Kershaw County, on County Road 786, 7.9 mi southeast of Camden. Drainage area is 4.90 mi^2.	1991-99	04-30-99	4.08	53.0	10-24-90	6.94	93.2

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
Buck Horn Creek near York, SC (02153750)	Lat 35°02'09", long 81°18'44", York County, on State Highway 5, 4.5 mi upstream from Bullocks Creek, and 4.0 mi northwest of York. Drainage area is 5.23 mi^2.	1975-99	01-03-99	3.06	(+)	10-12-90	7.40	(+)
Bullock Creek near Sharon, SC (02153800)	Lat 34°57'13", long 81°22'58", York County, on county road 211, 2.5 mi northwest of Sharon, 3.0 mi southeast of Hickory Grove. Drainage area is 84.33 mi^2.	1991-99	01-03-99	12.51	1280	10-12-90	17.36	(+)
Bells Creek near Sharon, SC (02153840)	Lat 34°53'09", long 81°25'51",York County, on County Road 73, 7.2 mi southwest of Sharon, 12.0 mi west of McConnells, 4.5 mi upstream from confluence of Bullocks Creek and Broad River. Drainage area is 5.96 mi^2.	1991-99	B	A	(+)	10-12-90	8.47	960
Turkey Creek near Lowrys, SC (021563931)	Lat 34°48'47", long 81°22'10", Chester County, on county road 97, 11.5 mi northwest of Chester, 7.5 mi west of Lowrys. Drainage area is 81.51 mi^2.	1991-99	01-03-99	11.17	2,050	10-13-90	16.37	(+)
Rodens Creek near Chester, SC (021563973)	Lat 34°44'58", long 81°21'33" Chester County, on State Road 9, 11.0 mi southeast of Lockhart and 7.0 mi northwest of Chester. Drainage area is 2.22 mi^2.	1990-99	B	A	(+)	06-15-92	14.36	766
Middle Tyger River at Lyman, SC (02157500)	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman. Drainage area is 68.3 mi^2.	1938-68♦ 1975-99	B	A	(+)	08-14-40	16.16	4,800
Tributary to Fairforest Creek at Spartanburg, SC (02159785)	Lat 34°57'10", long 81°57'57", Spartanburg County, at the S.C.Road S-42-485 crossing of a tributary to Fairforest Creek, 0.1 mi upstream from the mouth at Fairforest Creek. Drainage area is 0.52 mi^2.	1987-99	01-03-99	1.44	(+)	11-10-90 06-28-94	5.19	243
Fairforest Creek near Union, SC (02160000)	Lat 34°40'45", long 81°41'25", Union County, on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union. Drainage area is 183.0 mi^2.	1940-71♦ 1973-99	10-05-99	3.46	722	10-09-76	9.43	11,700
Brushy Creek near Greenville, SC (02160325)	Lat 34°53'00", long 82°18'05", Greenville County, 0.7 mi south of Eastside High School, 0.5 mi southeast of St. Luke Church, 5.0 mi upstream from the mouth at Enoree, at the (J-180) crossing of Brushy Creek. Drainage area is 9.05 mi^2.	1985-99	01-02-99	5.31	426	08-27-95	14.10	(+)
Second Creek near Pomaria, SC (02160800)	Lat 34°20'06", long 81°30'11", Newberry County, on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria. Drainage area is 1.87 mi^2.	1977-99	B	A	(+)	08-26-95	8.43	1,090
Brushy Creek at Greenville, SC (02164011)	Lat 34°49'25", long 82°24'26", Greenville County, on Grove Road (Road 20), 1.7 mi south of City Hall in Greenville, 3.9 mi upstream from mouth. Drainage area is 2.82 mi^2.	1983-99	06-25-99	6.76	1,020	07-19-93	9.18	1,740
Dirty Creek Tributary near Laurens, SC (02165350)	Lat 34°29'44", long 82°05'15", Laurens County, on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens. Drainage area is 1.21 mi^2.	1974-99	B	A	(+)	08-27-95	8.76	(+)

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
Sample Branch at Greenwood, SC (02166975)	Lat 34°12'56", long 82°09'20", Greenwood County, 1.9 mi north of the County Courthouse, 1.3 mi upstream from the mouth at Rocky Creek, U.S. 25/178 Bypass (and SR 72) crossing of Sample Branch Creek. Drainage area is 1.16 mi^2.	1985-99	12-25-98	5.28	120	10-12-90	9.80	272
Tributary to Crane Creek at Columbia, SC (02167020)	Lat 34°03'02", long 81°02'05", Richland County, on Carola Street (SR 876), 0.3 mi north of Columbia College, and 1.3 mi upstream from the mouth at Crane Creek. Drainage area is 0.28 mi^2.	1985-99	01-23-99	7.41	167	08-17-92	10.57	(+)
Camping Creek Tributary near Prosperity, SC (02167750)	Lat 34°12'35", long 81°30'08", Newberry County, on county road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity. Drainage area is 0.52 mi^2.	1974-99	B	A	(+)	08-27-95	6.64	135
Rocky Branch at Columbia, SC (02169505)	Lat 33°59'41", long 81°01'26", Richland County on Pickens Street, 0.7 mi southeast of the State Capital, 2.0 mi upstream of the mouth of the Congaree River. Drainage area is 2.41 mi^2.	1984-99	08-26-99	5.80	859	07-24-97	9.06	(+)
Pen Branch at Columbia, SC (02169568)	Lat 34°00'46", long 80°58'56", Richland County, on the Brentwood Street crossing of Pen Branch, 0.6 mi southeast of the intersection of Forest Drive and Beltline Blvd., 1.3 mi upstream from the mouth at Lake Katherine. Drainage area is 2.26 mi^2.	1985-99	01-24-99	4.75	308	07-24-97	9.10	2,350
Lake Marion Tributary near Vance, SC (02169960)	Lat 33°27'26", long 80°26'32", Orangeburg County, on State Highway 6, 1.4 mi upstream from Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance. Drainage area is 2.12 mi^2.	1966-74♦ 1975-99	07-01-99	3.22	36.0	10-11-90	5.44	167
		Cooper River Basin						
Canton Creek near Moncks Corner, SC (021720725)	Lat 33°10'55", long 80°10'27", Berkeley County, on county road 787, 9.5 mi southwest of Moncks Corner and 7.0 mi southwest of Lake Moultrie. Drainage area is 4.82 mi^2.	1991-99	08-19-99	5.47	129	07-25-97	10.26	(+)
		Edisto River Basin						
Rocky Swamp near Neeses, SC (02172759)	Lat 33°30'38, long 81°11'22", Orangeburg County, on State Highway 4, 4.4 mi southwest of junction with U.S. Hwy 321 in Neeses. Drainage area is 4.66 mi^2.	1989-99	B	A	(+)	12-05-91	13.29	214
Hess Branch at Orangeburg, SC (02173491)	Lat 33°30'12", long 80°52'34", Orangeburg County, 1.36 mi northwest of City Hall, 0.66 mi upstream from the mouth at the North Fork Edisto River. Drainage area is 0.45 mi^2.	1986-99	08-20-99	7.15	293	10-01-89	7.41	311

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
Sunnyside Canal at Orangeburg, SC (02173495)	Lat 33°29'31", long 80°52'33", Orangeburg County, at the Riverside Street (SR 125) crossing of the Sunnyside Canal, 0.7 mi west of City Hall, 0.2 mi upstream of the mouth at North Fork Edisto River. Drainage area is 1.07 mi^2.	1985-99	08-20-99	6.02	1,190	01-07-95	7.38	2,980
Edisto River near Branchville, SC (02174000)	Lat 33°10'35", long 80°48'05", Orangeburg County, 400 ft downstream from bridge on U.S. Highway 21 and 5.2 mi south of Branchville. Drainage area is 1,720 mi^2.	1946-96♦ 1997-99	02-06-99	7.40	3,590	09-03-64	11.44	14,600
Tributary to Rosemary Creek near Williston, SC (02175185)	Lat 33°19'30", long 81°27'46", Barnwell County, on State road 21, 5.7 mi south of Williston and 11.0 mi southwest of Blackville. Drainage area is 4.10 mi^2.	1991-99	04-07-99	3.76	(+)	08-02-91	4.67	(+)
		Combahee River Basin						
Savannah Creek near Ehrhardt, SC (02175450)	Lat 33°02'03", long 81°03'11", Colleton County, on State Highway 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley. Drainage area is 12.4 mi^2.	1964-74♦ 1975-99	01-23-99	5.28	(+)	10-09-92	9.33	1,200
		Broad River Basin						
Tributary to Coosawhatchie River at Allendale, SC (02176380)	Lat 32°59'53", long 81°19'01", Allendale County, on State Road 129, crossing of a tributary to the Coosawhatchie River, 0.9 mi southwest of City Hall, 0.4 mi upstream of the mouth at Coosawhatchie. Drainage area is 2.06 mi^2.	1985-99	12-28-98	3.86	53.8	10-09-92	9.18	287
Cowpen Branch near Varnville, SC (021765113)	Lat 32°46'46", long 81°03'14", Hampton County, on State Road 278, 11.0 mi northeast of Estill and 4.6 mi south of Varnville. Drainage area is 5.39 mi^2.	1991-99	07-18-99	4.72	182	01-12-93	7.19	515
		Savannah River Basin						
Broadway Creek near Anderson, SC (02187900)	Lat 34°30'09", long 82°35'00", Anderson County, on State Highway 48, 0.1 mi down stream from Cupboard Creek and 3.8 mi east of Anderson. Drainage area is 26.4 mi^2.	1967-74 1975-99	02-02-99	6.03	595	08-27-95	15.81	2,720
Calabash Branch near Troy, SC (02195555)	Lat 33°59'04", long 82°13'37", McCormick County, on Long Cane Road (Road 24), 6.5 mi northeast of McCormick, 4.3 mi east of Troy. Drainage area is 3.24 mi^2.	1990-99	02-02-99	3.06	(+)	06-27-94	8.57	(+)
Log Creek near Edgefield, SC (02195660)	Lat 33°48'03", long 81°52'39", Edgefield County, on State Highway 23, 3.3 mi east of Edgefield. Drainage area is 1.18 mi^2.	1966-72♦ 1972-99	02-02-99	3.99	66.9	07-26-91	7.21	(+)
Cyper Creek near Sullivan Crossroads, SC (021957495)	Lat 33°54'05", long 82°07'13", Edgefield County, on Road 234, 1.4 mi southwest of Sullivan Crossroads. Drainage area is 1.83 mi^2.	1991-99	B	A	(+)	03/09/98	5.18	102

Station name and number	Location and drainage area	Period of record	Water year maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
Miller Creek Tributary near Baldoc, SC (02197410)	Lat 33°04'08", long 81°24,26", Allendale County, on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc. Drainage area is 7.51 mi^2.	1977-99	B	A	(+)	03/13/80	6.25	750

\+ Discharge not determined.

♦ Operated as a continuous-record gaging station.

A Stage not determined.

B Date unknown.

***** Probably caused by backwater from beaver dam.

****** Probably caused by backwater from debris.

Annual maximum stage at crest-stage partial-record stations during water year 1999 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Water year maximum	
		Date	Gage height (ft)
	Santee River Basin		
Saluda River near Columbia, SC (02168850)	Lat 34°01'49", long 81°08'26", Lexington County, On left bank near WVOC radia station, 5.1 mi downstream of Lake Murray Dam. Drainage area not determined.	7-23-99	176.09
Saluda River near Columbia, SC (02168900)	Lat 34°01'33", long 81°07'41", Lexington County, On left bank just upstream of I-20 Bridge, 6.1 miles downstream of Lake Murray Dam. Drainage area not determined.	12-15-98	173.51
Saluda River near Columbia, SC (2168980)	Lat 34°01'22", long 81°06'15", Lexington County, On right bank 400 ft upstream of I-26 bridge and 6.6 mi downstream of Lake Murray Dam. Drainage area not determined.	12-15-98	167.91
Saluda River at Columbia, SC (02168985)	Lat 34°01'22", long 81°05'54", Richland County, on lrft bank 0.13 mi downstream of I-26 and 7 mi downstream of Lake Murray Dam. Drainage area not determined.	12-15-98	166.68
Saluda River at Columbia, SC (02168985)	Lat 34°00'58", long 81°05'41", Richland County, On left Bank, 0.7 mi below I-26 and 7.3 mi downstream of Lake Murray Dam. Drainage area not determined.	A	B
Santee River near Alvin, SC (02171660)	Lat 33°24'20", long 79°53'20", Berkeley County, 6.8 mi south-east of St Stephens, 9.5 mi northeast of Bonneau. Drainage area is indeterminate.	10-23-98	22.26
Santee River near Honey Hill, SC (02171730)	Lat 33°14'43", long 79°31'20", Berkeley County, on bridge pier at Waterhorn Unit, 1.7 mi downstream from Echaw Creek. Drainage area is indeterminate.	A	B

A Date unknown.

B Stage not determined.

Discharge at Miscellaneous Sites

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites to give better areal coverage to theses events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

Station name and number	Location and drainage area	Period of record	Water year maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)
		Pee Dee River Basin			
Little Pee Dee River near Dillon, SC 02132500	Lat 34×24'17'', long 79×20'25'', Dillon County, on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi^2 .	1939 - 1999	11-02-98 08-11-99	5.66 5.03	147 115
		Santee River Basin			
Wateree River at Union Camp near Eastover, SC 02148312	Lat 33×53'34'', long 80×37'35'', Richland County, 3.0 mi upstream from SCE &G plant, and 4.0 mi east of Eastover. Drainage area is 5,590 mi^2 (approximately).	1984 - 1999	01-13-99 04-19-99 09-01-99	93.37 87.18 84.95	6,250 2,240 1,370
Lawsons Fork Creek at Treatment Plant at Spartanburg, SC 02156301	Lat 34×56'38'', long 81×51'33'', Spartanburg County, on upstream side of footbridge, 40 ft downstream of effluent from Spartanburg Sewage Treatment Plant, 0.9 mi downstream from bridge on County Road 748, and 4.0 mi east of Spartanburg U.S. Post Office. Drainage area is 75.6 mi^2 .	1989 - 1999	11-03-98 12-30-98 03-08-99 05-26-99 07-01-99 09-10-99	2.44 1.86 1.86 2.22 1.61 1.56	42.6 21.3 21.3 35.2 11.2 9.53
Fairforest Creek below Spartanburg, SC 02159810	Lat 34×54'19'', long 81×54'54'', Spartanburg County, on left bank at Spartanburg Sewage Treatment Plant, 0.5 mi downstream of State Highway 295, 0.7 mi south of Spartanburg, and 2.2 mi upstream of Beaverdam Creek. Drainage area is 23.6 mi^2 .	1988 - 1999	11-03-98 12-30-98 03-08-99 05-26-99 07-01-99 09-10-99	3.39 3.18 3.09 2.85 2.68 2.48	100 84.9 78.3 67.9 56.3 37.2
Santee River at Lake Marion Tail Race near Pineville, SC 02171001	Lat 33×26'58'', long 80×09'50'', Berkeley County, 300 feet below Wilson Dam, 2.8 mi upstream from Old Santee Canal, 5.4 mi upstream from Dead River, 8.0 mi west of Pineville. Drainage area is 14,700 mi^2 (approximately).	1966 - 1999	10-23-98 01-20-99 05-19-99 08-31-99	28.27 26.94 27.13 26.95	1,120 668 702 607
		Edisto River Basin			
Edisto River at SCE&G Plant near Canadys, SC 02174048	Lat 33×04'00'', long 80×37'26'', Colleton County, 1.0 mi north of Canadys, and 12.0 mi north of Walterboro. Drainage area is 1,850 mi^2(approximately).	1982 - 1999	01-11-99 03-16-99 06-14-99 07-29-99 08-13-99	55.50 55.25 52.22 53.16 51.99	1,580 1,500 515 782 484

GROUND WATER RECORDS

AIKEN COUNTY

WELL NUMBER.--331940081443501. Local number, AK-430.

LOCATION.--Lat 33°19'40'', long 81°44'35'', Hydrologic Unit 03060106, at Savannah River Site near Aiken. Owner: U.S. Department of Energy.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 318 ft, 8 in from 279 to 605 ft, depth 605 ft, cased to 605 ft, screened intervals 390-400, 455-465, 590-600 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 357 ft above sea level. Measuring point: Top of casing at land-surface datum.

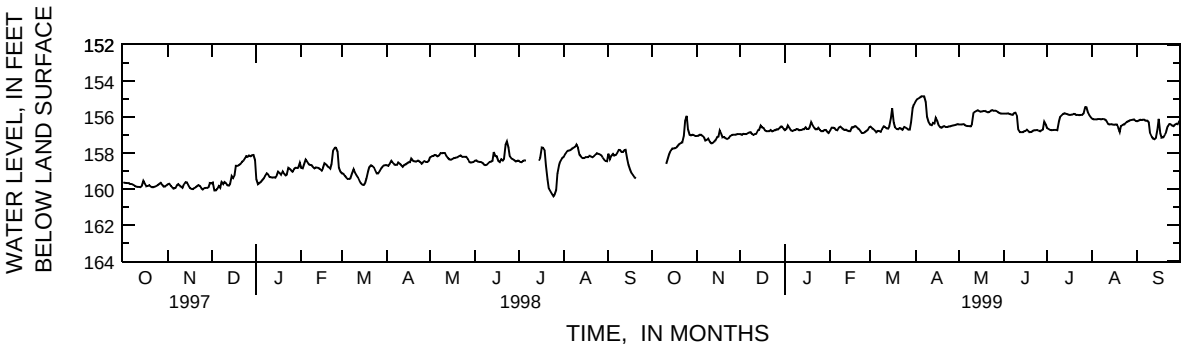
REMARKS.--Also known as SRP-4M. Electric log available in District files.

PERIOD OF RECORD.--May 1952 to November 1994, October 1995 to April 1996, February 1997 to current. Prior to October 1970, maximum and minimum only. Prior to 1974, published as AK-2 or LA-4.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 144.77 ft below land-surface datum, Feb. 23, 1966; lowest, 160.53 ft below land-surface datum, Mar. 1, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	157.05	156.93	156.69	156.71	156.51	155.09	156.41	155.79	156.60	156.09	156.21
2	---	157.01	156.96	156.63	156.58	156.60	155.00	156.41	155.80	156.65	156.11	156.19
3	---	156.97	156.92	156.45	156.58	156.64	154.94	156.40	155.79	156.70	156.11	156.14
4	---	156.97	156.93	156.59	156.60	156.74	154.88	156.37	155.78	156.72	156.11	156.15
5	---	157.01	156.93	156.71	156.69	156.83	154.83	156.40	155.81	156.70	156.10	156.13
6	---	157.11	156.89	156.76	156.71	156.76	154.84	156.47	155.85	156.69	156.10	156.14
7	---	157.28	156.84	156.72	156.56	156.75	154.84	156.48	155.87	156.69	156.11	156.18
8	---	157.26	156.82	156.69	156.50	156.81	155.16	156.49	155.76	156.72	156.10	156.19
9	---	157.17	156.91	156.64	156.58	156.64	155.98	156.50	155.73	156.25	156.10	156.29
10	---	157.35	156.96	156.66	156.65	156.49	156.27	156.37	155.94	155.97	156.13	156.90
11	158.58	157.45	156.93	156.73	156.69	156.52	156.41	155.77	156.68	155.88	156.22	157.09
12	158.28	157.43	156.91	156.70	156.68	156.62	156.44	155.68	156.82	155.82	156.37	157.17
13	158.06	157.35	156.72	156.67	156.74	156.63	156.31	155.63	156.83	155.78	156.41	157.22
14	157.85	157.25	156.69	156.66	156.78	156.49	156.35	155.59	156.82	155.81	156.38	157.14
15	157.74	157.11	156.47	156.56	156.77	156.04	156.03	155.66	156.78	155.83	156.39	156.67
16	157.73	157.08	156.55	156.65	156.57	155.50	156.20	155.69	156.76	155.86	156.42	156.09
17	157.72	156.74	156.60	156.64	156.55	156.30	156.44	155.67	156.68	155.86	156.40	156.90
18	157.65	156.94	156.72	156.55	156.49	156.56	156.56	155.65	156.77	155.85	156.40	157.12
19	157.55	157.11	156.78	156.27	156.50	156.64	156.58	155.65	156.82	155.82	156.55	157.11
20	157.47	157.09	156.78	156.43	156.59	156.67	156.51	155.69	156.80	155.82	156.81	156.95
21	157.41	157.16	156.77	156.58	156.64	156.59	156.49	155.72	156.76	155.86	156.47	156.81
22	157.40	157.19	156.70	156.67	156.78	156.61	156.53	155.71	156.73	155.86	156.42	156.48
23	157.02	157.15	156.77	156.67	156.87	156.68	156.54	155.64	156.71	155.88	156.40	156.37
24	156.20	157.04	156.74	156.58	156.85	156.52	156.50	155.61	156.69	155.87	156.32	156.37
25	155.93	156.98	156.71	156.69	156.82	156.57	156.51	155.63	156.74	155.87	156.26	156.45
26	156.66	156.96	156.66	156.77	156.76	156.62	156.47	155.64	156.78	155.79	156.21	156.48
27	156.97	156.97	156.68	156.78	156.70	156.68	156.46	155.66	156.73	155.45	156.16	156.39
28	157.00	156.96	156.61	156.69	156.54	156.68	156.44	155.71	156.66	155.45	156.15	156.35
29	156.97	156.93	156.50	156.70	---	156.27	156.42	155.77	156.23	155.73	156.13	156.37
30	156.98	156.93	156.52	156.80	---	155.49	156.37	155.80	156.40	155.88	156.12	156.18
31	157.05	---	156.65	156.85	---	155.27	---	155.80	---	156.01	156.20	---
MEAN	157.34	157.10	156.76	156.65	156.66	156.47	156.01	155.92	156.41	156.05	156.27	156.54
MAX	158.58	157.45	156.96	156.85	156.87	156.83	156.58	156.50	156.83	156.72	156.81	157.22
MIN	155.93	156.74	156.47	156.27	156.49	155.27	154.83	155.59	155.73	155.45	156.09	156.09



AIKEN COUNTY

WELL NUMBER.-- 332616081462001. Local number, AK-817.

LOCATION.--Lat 33°26'15'', long 81°46'12'', Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road) approximately 0.6 mi east of junction with State Highway Road 302. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 478 ft, 4 in from 478 to 535 ft, depth 535 ft, cased to 535 ft, screened from 520 to 530 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

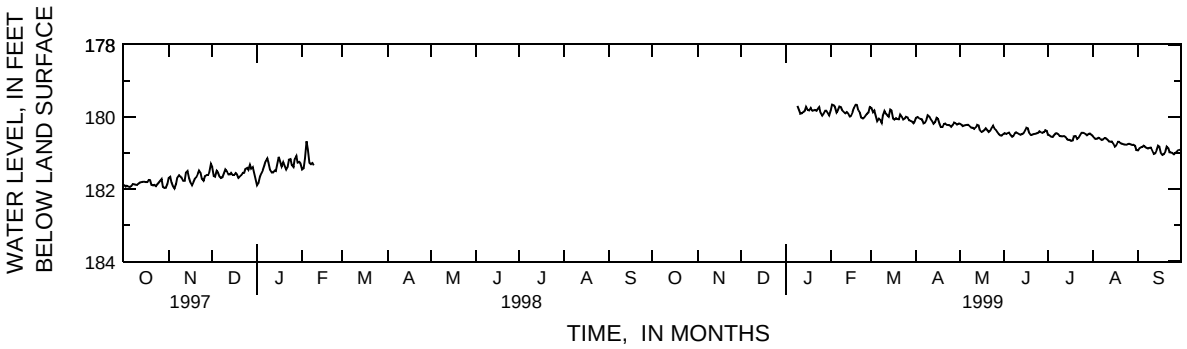
DATUM.--Land-surface datum is 419 ft above sea level. Measuring point: Opening in casing, 2.41 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to May 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 179.65 ft below land-surface datum, Feb. 2, 18, 1999; lowest, 184.08 ft below land-surface datum, Mar. 3, 1991.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	179.81	179.74	180.00	180.17	180.44	180.48	180.53	180.92
2	---	---	---	---	179.65	179.85	179.99	180.20	180.46	180.50	180.57	180.86
3	---	---	---	---	179.67	179.81	180.02	180.24	180.44	180.54	180.60	180.83
4	---	---	---	---	179.71	179.97	180.05	180.23	180.42	180.55	180.59	180.82
5	---	---	---	---	179.86	180.10	180.06	180.22	180.48	180.50	180.56	180.79
6	---	---	---	---	179.81	180.03	180.16	180.21	180.54	180.45	180.59	180.81
7	---	---	---	---	179.70	180.07	180.15	180.21	180.52	180.44	180.63	180.85
8	---	---	---	---	179.72	180.16	180.07	180.25	180.44	180.47	180.62	180.87
9	---	---	---	179.68	179.81	179.95	179.94	180.29	180.41	180.52	180.57	180.85
10	---	---	---	179.80	179.85	179.83	179.98	180.29	180.44	180.53	180.58	180.84
11	---	---	---	179.90	179.89	179.90	180.05	180.32	180.47	180.53	180.62	180.94
12	---	---	---	179.89	179.85	179.95	180.11	180.28	180.48	180.52	180.67	181.02
13	---	---	---	179.85	179.89	179.99	180.18	180.21	180.47	180.54	180.68	181.00
14	---	---	---	179.82	179.98	179.78	180.14	180.23	180.44	180.60	180.67	180.92
15	---	---	---	179.71	179.96	179.81	180.01	180.36	180.36	180.63	180.73	180.79
16	---	---	---	179.80	179.86	180.03	180.04	180.40	180.29	180.63	180.81	180.81
17	---	---	---	179.81	179.74	180.06	180.18	180.39	180.31	180.65	180.78	181.00
18	---	---	---	179.74	179.65	180.02	180.27	180.35	180.43	180.64	180.68	181.04
19	---	---	---	179.82	179.66	180.05	180.27	180.31	180.49	180.53	180.68	181.02
20	---	---	---	179.81	179.80	180.06	180.19	180.36	180.48	180.52	180.72	180.94
21	---	---	---	179.79	179.87	179.92	180.17	180.40	180.47	180.60	180.73	180.81
22	---	---	---	179.82	180.00	179.99	180.21	180.37	180.46	180.56	180.75	180.86
23	---	---	---	179.76	180.03	180.06	180.22	180.30	180.45	180.50	180.76	180.97
24	---	---	---	179.71	180.00	180.03	180.22	180.23	180.43	180.43	180.76	180.98
25	---	---	---	179.87	179.94	179.99	180.26	180.31	180.39	180.43	180.74	180.99
26	---	---	---	179.95	179.90	180.00	180.21	180.35	180.41	180.44	180.73	181.03
27	---	---	---	179.90	179.86	180.08	180.15	180.40	180.43	180.47	180.75	180.99
28	---	---	---	179.82	179.71	180.09	180.16	180.47	180.41	180.49	180.77	180.95
29	---	---	---	179.82	---	180.11	180.20	180.50	180.36	180.46	180.76	180.91
30	---	---	---	179.89	---	180.16	180.17	180.51	180.38	180.45	180.79	180.90
31	---	---	---	179.95	---	180.12	---	180.47	---	180.48	180.91	---
MEAN	---	---	---	179.82	179.83	179.99	180.13	180.32	180.43	180.52	180.69	180.91
MAX	---	---	---	179.95	180.03	180.16	180.27	180.51	180.54	180.65	180.91	181.04
MIN	---	---	---	179.68	179.65	179.74	179.94	180.17	180.29	180.43	180.53	180.79



WELL NUMBER.--332617081462001. Local number, AK-818.

LOCATION.--Lat 33°26'17'', long 81°46'14'', Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road) approximately 0.6 mi east of junction with State Highway Road 302. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 410 ft, 4 in from 368 to 425 ft, depth 425 ft, cased to 425 ft, screened from 410 to 420 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

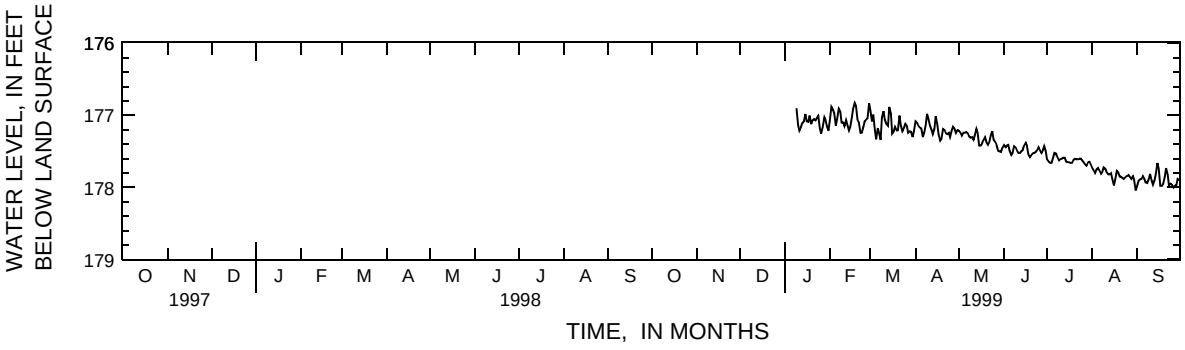
DATUM.--Land-surface datum is 419 ft above sea level. Measuring point: Opening in casing, 2.59 ft (revised) above land-surface datum.

PERIOD OF RECORD.--April 1988 to May 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 176.56 ft below land-surface datum, Dec. 28, 1995; lowest, 181.56 ft below land-surface datum, Mar. 3, 1991.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	177.04	176.93	177.08	177.21	177.41	177.61	177.73	177.99
2	---	---	---	---	176.88	177.08	177.10	177.24	177.44	177.64	177.77	177.91
3	---	---	---	---	176.92	176.99	177.15	177.28	177.42	177.66	177.80	177.89
4	---	---	---	---	176.97	177.20	177.17	177.24	177.41	177.66	177.75	177.88
5	---	---	---	---	177.14	177.33	177.18	177.24	177.49	177.59	177.73	177.84
6	---	---	---	---	177.05	177.18	177.30	177.23	177.55	177.52	177.77	177.88
7	---	---	---	---	176.91	177.24	177.24	177.24	177.52	177.53	177.81	177.93
8	---	---	---	---	176.95	177.34	177.13	177.29	177.43	177.58	177.78	177.94
9	---	---	---	176.90	177.10	177.03	176.98	177.31	177.44	177.63	177.72	177.88
10	---	---	---	177.13	177.10	176.94	177.06	177.30	177.49	177.61	177.74	177.81
11	---	---	---	177.21	177.15	177.06	177.14	177.34	177.52	177.60	177.79	177.91
12	---	---	---	177.16	177.07	177.12	177.20	177.28	177.52	177.59	177.82	177.96
13	---	---	---	177.11	177.13	177.15	177.26	177.19	177.50	177.59	177.82	177.90
14	---	---	---	177.08	177.21	176.88	177.19	177.24	177.48	177.64	177.80	177.81
15	---	---	---	176.98	177.16	176.97	177.01	177.42	177.42	177.65	177.88	177.66
16	---	---	---	177.08	177.03	177.25	177.12	177.42	177.38	177.65	177.97	177.74
17	---	---	---	177.09	176.91	177.22	177.26	177.39	177.42	177.66	177.89	177.98
18	---	---	---	177.00	176.83	177.16	177.35	177.34	177.55	177.66	177.77	177.98
19	---	---	---	177.12	176.87	177.21	177.32	177.30	177.58	177.62	177.79	177.95
20	---	---	---	177.07	177.07	177.20	177.19	177.38	177.55	177.60	177.85	177.85
21	---	---	---	177.05	177.10	177.00	177.20	177.41	177.53	177.61	177.85	177.73
22	---	---	---	177.07	177.24	177.14	177.25	177.36	177.52	177.61	177.87	177.82
23	---	---	---	177.03	177.24	177.22	177.26	177.28	177.51	177.60	177.88	177.97
24	---	---	---	177.00	177.16	177.17	177.24	177.22	177.48	177.60	177.86	177.95
25	---	---	---	177.18	177.08	177.12	177.30	177.34	177.44	177.63	177.84	177.96
26	---	---	---	177.25	177.06	177.15	177.21	177.37	177.49	177.65	177.83	178.00
27	---	---	---	177.16	177.04	177.24	177.16	177.41	177.52	177.68	177.85	177.98
28	---	---	---	177.03	176.83	177.22	177.19	177.49	177.48	177.70	177.88	177.97
29	---	---	---	177.07	---	177.23	177.24	177.50	177.43	177.65	177.84	177.88
30	---	---	---	177.16	---	177.30	177.20	177.51	177.50	177.64	177.89	177.90
31	---	---	---	177.21	---	177.22	---	177.44	---	177.69	178.04	---
MEAN	---	---	---	177.09	177.04	177.14	177.19	177.33	177.48	177.62	177.83	177.90
MAX	---	---	---	177.25	177.24	177.34	177.35	177.51	177.58	177.70	178.04	178.00
MIN	---	---	---	176.90	176.83	176.88	176.98	177.19	177.38	177.52	177.72	177.66



AIKEN COUNTY

WELL NUMBER.--332616081461701. Local number, AK-824.

LOCATION.--Lat 33°26'16'', long 81°46'15'', Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road) approximately 0.6 mi east of junction with State Highway Road 302. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 339 ft, 4 in from 313 to 365 ft, depth 365 ft, cased to 365 ft, screened from 350 to 360 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

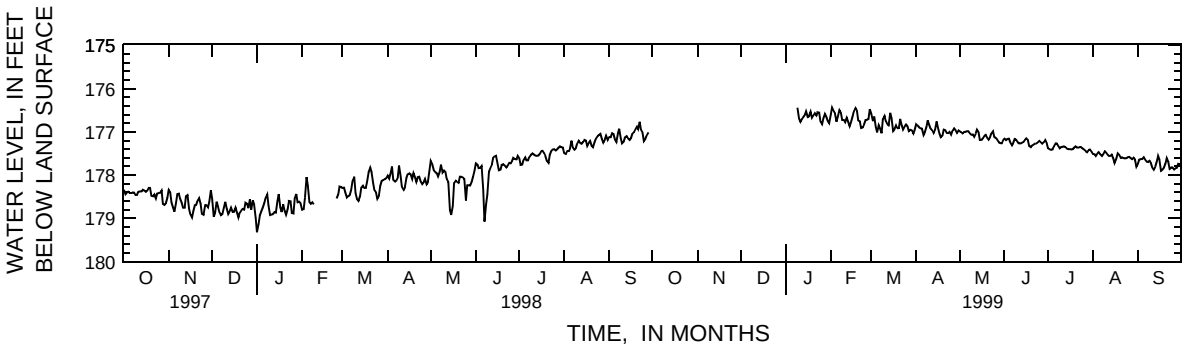
DATUM.--Land-surface datum is 419 ft above sea level. Measuring point: Opening in casing, 2.68 ft (revised) above land-surface datum.

PERIOD OF RECORD.--November 1989 to December 1990, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 176.30 ft below land-surface datum, July 20, 1996; lowest, 180.97 ft below land-surface datum, Dec. 9, 10, 11, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	176.61	176.59	176.82	176.99	177.16	177.38	177.51	177.74
2	---	---	---	---	176.44	176.75	176.86	177.01	177.19	177.40	177.52	177.65
3	---	---	---	---	176.52	176.65	176.90	177.04	177.17	177.42	177.56	177.63
4	---	---	---	---	176.57	176.89	176.92	177.00	177.16	177.41	177.50	177.63
5	---	---	---	---	176.77	177.01	176.93	177.00	177.25	177.34	177.47	177.59
6	---	---	---	---	176.66	176.85	177.07	176.99	177.31	177.27	177.52	177.64
7	---	---	---	---	176.50	176.92	177.01	176.99	177.26	177.27	177.56	177.69
8	---	---	---	---	176.57	177.03	176.89	177.04	177.17	177.33	177.52	177.70
9	---	---	---	176.44	176.73	176.70	176.74	177.07	177.18	177.38	177.45	177.67
10	---	---	---	176.69	176.73	176.62	176.85	177.06	177.24	177.35	177.48	177.71
11	---	---	---	176.77	176.78	176.75	176.93	177.11	177.27	177.35	177.53	177.83
12	---	---	---	176.70	176.68	176.82	176.97	177.04	177.27	177.34	177.56	177.88
13	---	---	---	176.66	176.76	176.85	177.03	176.95	177.25	177.35	177.56	177.81
14	---	---	---	176.61	176.87	176.56	176.95	177.01	177.23	177.39	177.53	177.71
15	---	---	---	176.53	176.79	176.68	176.76	177.19	177.18	177.40	177.62	177.56
16	---	---	---	176.66	176.66	176.98	176.90	177.19	177.15	177.40	177.72	177.64
17	---	---	---	176.64	176.53	176.94	177.05	177.15	177.19	177.41	177.63	177.90
18	---	---	---	176.54	176.45	176.86	177.13	177.09	177.32	177.40	177.50	177.88
19	---	---	---	176.67	176.51	176.92	177.09	177.07	177.35	177.37	177.53	177.83
20	---	---	---	176.61	176.74	176.91	176.95	177.14	177.31	177.34	177.60	177.74
21	---	---	---	176.57	176.76	176.70	176.97	177.18	177.29	177.37	177.59	177.61
22	---	---	---	176.62	176.91	176.86	177.02	177.12	177.28	177.37	177.61	177.70
23	---	---	---	176.55	176.90	176.94	177.03	177.03	177.26	177.35	177.62	177.86
24	---	---	---	176.56	176.83	176.87	177.00	176.98	177.24	177.36	177.61	177.82
25	---	---	---	176.77	176.73	176.83	177.07	177.11	177.21	177.39	177.59	177.82
26	---	---	---	176.82	176.72	176.88	176.97	177.14	177.25	177.41	177.58	177.88
27	---	---	---	176.69	176.70	176.98	176.92	177.18	177.28	177.45	177.60	177.85
28	---	---	---	176.59	176.48	176.95	176.97	177.24	177.24	177.47	177.63	177.83
29	---	---	---	176.65	---	176.97	177.02	177.26	177.19	177.42	177.60	177.74
30	---	---	---	176.76	---	177.05	176.97	177.27	177.26	177.41	177.65	177.74
31	---	---	---	176.80	---	176.97	---	177.19	---	177.46	177.80	---
MEAN	---	---	---	176.65	176.68	176.85	176.96	177.09	177.24	177.38	177.57	177.74
MAX	---	---	---	176.82	176.91	177.05	177.13	177.27	177.35	177.47	177.80	177.90
MIN	---	---	---	176.44	176.44	176.56	176.74	176.95	177.15	177.27	177.45	177.56



AIKEN COUNTY

WELL NUMBER.--332616081461601. Local number, AK-825.

LOCATION.--Lat 33°26'16'', long 81°46'16'', Hydrologic Unit 03060106, 100 ft north of State Highway 146 (Graymare Hollow Road), approximately 0.6 mi east of junction with State Highway Road 302. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Pee Dee Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 205 ft, 4 in from 186 to 231 ft, depth 231 ft, cased to 231 ft, screened from 216 to 226 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

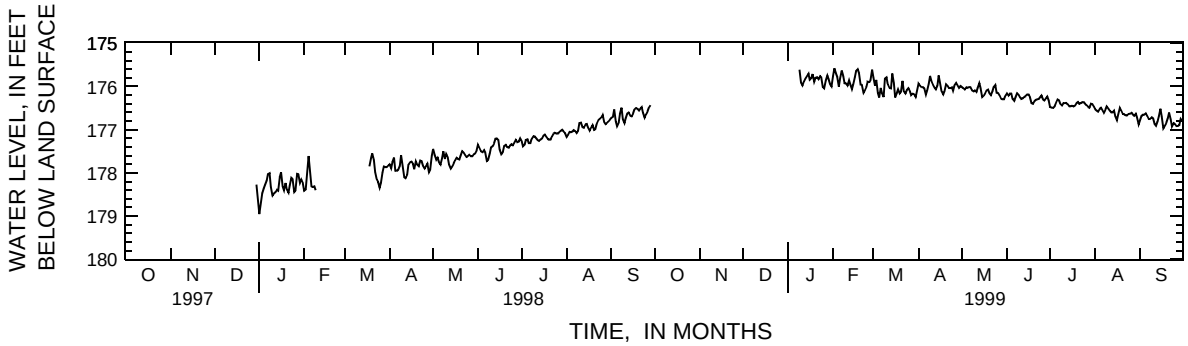
DATUM.--Land-surface datum is 300 ft above sea level. Measuring point: Opening in casing, 1.12 ft land-surface datum.

PERIOD OF RECORD.--May 1989 to May 1991, May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 175.58 ft below land-surface datum, Feb. 2, 1999; lowest, 181.16 ft below land-surface datum, Feb. 1, 1991.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	175.75	175.79	175.94	176.01	176.16	176.48	176.53	176.79
2	---	---	---	---	175.58	175.98	175.98	176.04	176.21	176.49	176.56	176.68
3	---	---	---	---	175.70	175.85	176.02	176.07	176.17	176.50	176.58	176.66
4	---	---	---	---	175.78	176.15	176.02	176.02	176.17	176.47	176.51	176.66
5	---	---	---	---	176.00	176.26	176.04	176.03	176.29	176.37	176.49	176.62
6	---	---	---	---	175.81	176.03	176.19	176.02	176.34	176.30	176.56	176.69
7	---	---	---	---	175.63	176.16	176.09	176.02	176.26	176.32	176.61	176.76
8	---	---	---	---	175.77	176.25	175.94	176.09	176.16	176.40	176.54	176.75
9	---	---	---	175.61	175.93	175.82	175.76	176.11	176.19	176.44	176.46	176.71
10	---	---	---	175.92	175.94	175.79	175.90	176.09	176.26	176.39	176.51	176.74
11	---	---	---	175.98	175.98	175.96	175.97	176.13	176.29	176.39	176.56	176.88
12	---	---	---	175.88	175.86	176.04	176.03	176.03	176.28	176.38	176.60	176.91
13	---	---	---	175.82	175.96	176.05	176.07	175.93	176.25	176.41	176.60	176.81
14	---	---	---	175.76	176.06	175.70	175.98	176.04	176.22	176.46	176.56	176.69
15	---	---	---	175.70	175.95	175.92	175.74	176.25	176.19	176.46	176.69	176.51
16	---	---	---	175.85	175.79	176.26	175.95	176.22	176.19	176.45	176.78	176.69
17	---	---	---	175.81	175.64	176.16	176.11	176.16	176.25	176.46	176.65	176.97
18	---	---	---	175.71	175.60	176.07	176.19	176.09	176.39	176.44	176.50	176.91
19	---	---	---	175.89	175.69	176.16	176.11	176.07	176.40	176.39	176.56	176.85
20	---	---	---	175.80	175.96	176.12	175.95	176.17	176.34	176.36	176.64	176.74
21	---	---	---	175.79	175.97	175.87	175.98	176.20	176.31	176.40	176.64	176.60
22	---	---	---	175.83	176.14	176.11	176.04	176.11	176.30	176.39	176.67	176.76
23	---	---	---	175.76	176.09	176.17	176.04	176.01	176.29	176.37	176.68	176.92
24	---	---	---	175.79	176.01	176.08	176.02	175.97	176.25	176.37	176.64	176.85
25	---	---	---	176.02	175.89	176.04	176.10	176.14	176.21	176.41	176.63	176.87
26	---	---	---	176.05	175.90	176.11	175.96	176.16	176.30	176.43	176.61	176.92
27	---	---	---	175.87	175.85	176.20	175.91	176.21	176.32	176.47	176.65	176.91
28	---	---	---	175.75	175.61	176.17	175.98	176.29	176.27	176.49	176.68	176.89
29	---	---	---	175.83	---	176.18	176.03	176.30	176.23	176.40	176.63	176.75
30	---	---	---	175.96	---	176.25	175.99	176.30	176.33	176.41	176.72	176.80
31	---	---	---	176.00	---	176.11	---	176.20	---	176.47	176.88	---
MEAN	---	---	---	175.84	175.85	176.06	176.00	176.11	176.26	176.42	176.61	176.78
MAX	---	---	---	176.05	176.14	176.26	176.19	176.30	176.40	176.50	176.88	176.97
MIN	---	---	---	175.61	175.58	175.70	175.74	175.93	176.16	176.30	176.46	176.51



AIKEN COUNTY

WELL NUMBER.-- 333230081290501. Local number, AK-826.

LOCATION.--Lat 33°32′32′′, long 81°29′08′′, Hydrologic Unit 03050204, Aiken State Park, approximately .25 mi east of County Highway 53. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 473 ft, 4 in from 448 to 500 ft, depth 500 ft, cased to 500 ft, screened from 485 to 495 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

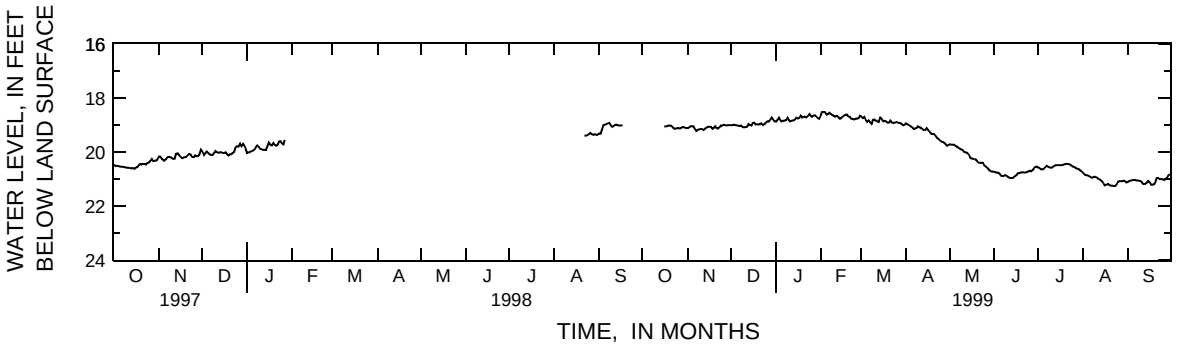
DATUM.--Land-surface datum is 300 ft above sea level. Measuring point: Opening in casing, 1.98 ft land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 17.89 ft below land-surface datum, Mar. 19, 1996; lowest, 24.12 ft below land-surface datum, Oct. 7, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.13	19.02	18.89	18.65	18.70	18.95	19.73	20.75	20.59	20.78	21.12
2	---	19.10	19.02	18.83	18.53	18.76	18.98	19.74	20.78	20.61	20.83	21.08
3	---	19.05	19.00	18.73	18.54	18.72	19.02	19.75	20.78	20.66	20.87	21.07
4	---	19.07	19.02	18.84	18.53	18.84	19.05	19.75	20.80	20.66	20.88	21.06
5	---	19.06	19.04	18.87	18.63	18.90	19.09	19.79	20.86	20.63	20.89	21.04
6	---	19.15	19.04	18.86	18.60	18.84	19.16	19.82	20.91	20.57	20.93	21.05
7	---	19.23	19.05	18.86	18.55	18.91	19.15	19.85	20.90	20.52	20.96	21.07
8	---	19.20	19.04	18.83	18.60	18.97	19.12	19.89	20.87	20.56	20.94	21.07
9	---	19.18	19.08	18.74	18.65	18.83	19.05	19.92	20.88	20.59	20.93	21.08
10	---	19.16	19.11	18.84	18.66	18.81	19.10	19.95	20.92	20.60	20.94	21.10
11	---	19.16	19.09	18.87	18.70	18.85	19.11	20.02	20.96	20.59	20.97	21.17
12	---	19.19	19.08	18.85	18.67	18.88	19.15	20.03	20.97	20.52	21.01	21.20
13	---	19.15	18.97	18.84	18.72	18.90	19.20	20.04	20.98	20.50	21.04	21.19
14	---	19.10	19.01	18.81	18.78	18.74	19.20	20.10	20.96	20.50	21.08	21.15
15	---	19.08	19.04	18.74	18.77	18.78	19.13	20.21	20.90	20.50	21.17	21.08
16	19.07	19.08	18.94	18.77	18.72	18.88	19.19	20.25	20.87	20.50	21.25	21.12
17	19.07	19.08	18.92	18.75	18.67	18.86	19.26	20.27	20.80	20.50	21.22	21.22
18	19.05	19.15	19.00	18.67	18.63	18.87	19.33	20.28	20.79	20.49	21.19	21.22
19	19.04	19.12	18.98	18.73	18.63	18.93	19.36	20.29	20.77	20.47	21.23	21.21
20	19.04	19.06	19.00	18.71	18.70	18.93	19.34	20.36	20.76	20.45	21.26	21.12
21	19.05	19.12	18.98	18.70	18.71	18.84	19.40	20.41	20.78	20.45	21.26	20.97
22	19.10	19.15	18.95	18.73	18.78	18.92	19.47	20.42	20.77	20.46	21.27	20.98
23	19.15	19.11	19.01	18.69	18.79	18.94	19.52	20.41	20.76	20.47	21.27	21.02
24	19.15	19.04	18.97	18.61	18.80	18.92	19.57	20.42	20.74	20.50	21.22	21.01
25	19.13	19.03	18.94	18.67	18.77	18.90	19.63	20.51	20.71	20.55	21.12	21.03
26	19.14	19.00	18.88	18.71	18.78	18.91	19.64	20.55	20.72	20.57	21.09	21.05
27	19.14	19.02	18.89	18.67	18.76	18.94	19.66	20.60	20.69	20.60	21.09	21.02
28	19.10	19.03	18.81	18.65	18.66	18.94	19.73	20.67	20.62	20.63	21.10	20.96
29	19.09	19.02	18.74	18.70	---	18.97	19.78	20.71	20.57	20.64	21.07	20.87
30	19.10	19.02	18.81	18.76	---	19.02	19.75	20.74	20.55	20.68	21.09	20.85
31	19.12	---	18.87	18.79	---	19.00	---	20.74	---	20.73	21.14	---
MEAN	19.10	19.10	18.98	18.76	18.68	18.88	19.30	20.20	20.80	20.56	21.07	21.07
MAX	19.15	19.23	19.11	18.89	18.80	19.02	19.78	20.74	20.98	20.73	21.27	21.22
MIN	19.04	19.00	18.74	18.61	18.53	18.70	18.95	19.73	20.55	20.45	20.78	20.85



AIKEN COUNTY

WELL NUMBER.--333235081290801. Local number, AK-845

LOCATION.--Lat 33°32′32′′, long 81°29′08′′, Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 330 ft, 4 in from 299 to 341 ft, 351 to 356 ft, depth 356 ft, cased to 356 ft, screened from 341 to 351 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

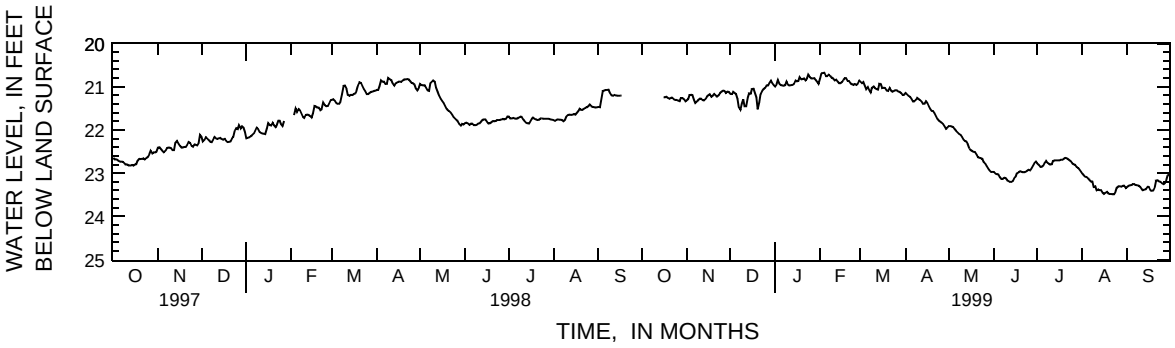
DATUM.--Land-surface datum is 295 ft above sea level. Measuring point: Opening in casing, 2.34 ft land-surface datum.

PERIOD OF RECORD.--May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 20.02 ft below land-surface datum, Mar. 19, 1996; lowest, 23.49 ft below land-surface datum, Aug. 22, 23, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	21.31	21.16	20.99	20.81	20.88	21.14	21.91	22.97	22.77	23.01	23.32
2	---	21.28	21.17	20.94	20.69	20.92	21.17	21.91	23.01	22.80	23.05	23.29
3	---	21.19	21.11	20.84	20.68	20.89	21.21	21.92	23.02	22.85	23.08	23.28
4	---	21.18	21.14	20.93	20.67	20.98	21.23	21.93	23.03	22.85	23.09	23.27
5	---	21.19	21.16	20.96	20.75	21.05	21.27	21.98	23.09	22.82	23.12	23.25
6	---	21.30	21.28	20.97	20.75	21.01	21.34	22.02	23.13	22.76	23.16	23.25
7	---	21.38	21.47	20.98	20.72	21.07	21.34	22.05	23.13	22.71	23.19	23.27
8	---	21.34	21.53	20.96	20.75	21.13	21.30	22.09	23.10	22.75	23.19	23.28
9	---	21.30	21.40	20.88	20.79	21.02	21.25	22.11	23.11	22.78	23.32	23.29
10	---	21.27	21.29	20.96	20.81	20.99	21.28	22.15	23.15	22.80	23.30	23.31
11	---	21.27	21.45	20.97	20.85	21.03	21.30	22.22	23.18	22.79	23.39	23.37
12	---	21.31	21.45	20.96	20.83	21.05	21.34	22.25	23.20	22.72	23.37	23.39
13	---	21.32	21.25	20.95	20.87	21.06	21.39	22.26	23.20	22.70	23.39	23.38
14	---	21.28	21.15	20.93	20.92	20.93	21.39	22.32	23.18	22.70	23.39	23.36
15	---	21.22	21.16	20.85	20.92	20.94	21.33	22.42	23.12	22.70	23.44	23.31
16	21.24	21.19	21.05	20.87	20.89	21.03	21.38	22.46	23.08	22.70	23.47	23.32
17	21.24	21.17	21.04	20.86	20.84	21.02	21.44	22.48	23.00	22.69	23.45	23.40
18	21.23	21.23	21.13	20.78	20.80	21.03	21.51	22.50	22.98	22.69	23.43	23.41
19	21.26	21.21	21.24	20.83	20.80	21.09	21.55	22.51	22.95	22.67	23.46	23.40
20	21.27	21.16	21.52	20.82	20.86	21.10	21.56	22.57	22.96	22.64	23.48	23.32
21	21.25	21.20	21.35	20.81	20.86	21.02	21.61	22.63	22.98	22.65	23.48	23.17
22	21.25	21.22	21.16	20.85	20.92	21.08	21.68	22.64	22.98	22.66	23.49	23.16
23	21.29	21.19	21.09	20.81	20.94	21.11	21.74	22.65	22.96	22.69	23.49	23.19
24	21.30	21.14	21.05	20.72	20.95	21.09	21.78	22.66	22.94	22.72	23.43	23.20
25	21.30	21.11	21.02	20.78	20.93	21.08	21.80	22.74	22.92	22.77	23.33	23.23
26	21.32	21.09	20.97	20.81	20.95	21.08	21.83	22.78	22.93	22.79	23.30	23.25
27	21.33	21.10	20.97	20.81	20.93	21.11	21.86	22.83	22.89	22.81	23.30	23.23
28	21.26	21.14	20.91	20.80	20.85	21.12	21.92	22.89	22.82	22.85	23.31	23.15
29	21.26	21.11	20.85	20.84	---	21.14	21.97	22.93	22.77	22.87	23.29	23.05
30	21.28	21.12	20.91	20.89	---	21.19	21.94	22.97	22.73	22.91	23.29	23.02
31	21.33	---	20.96	20.93	---	21.18	---	22.97	---	22.96	23.34	---
MEAN	21.28	21.22	21.17	20.88	20.83	21.05	21.49	22.41	23.02	22.76	23.32	23.27
MAX	21.33	21.38	21.53	20.99	20.95	21.19	21.97	22.97	23.20	22.96	23.49	23.41
MIN	21.23	21.09	20.85	20.72	20.67	20.88	21.14	21.91	22.73	22.64	23.01	23.02



AIKEN COUNTY

WELL NUMBER.-- 333233081290802. Local number, AK-846.

LOCATION.--Lat 33°32′32′′, long 81°29′08′′, Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 223 ft, 4 in from 199 to 255 ft, depth 255 ft, cased to 255 ft, screened from 240 to 250 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

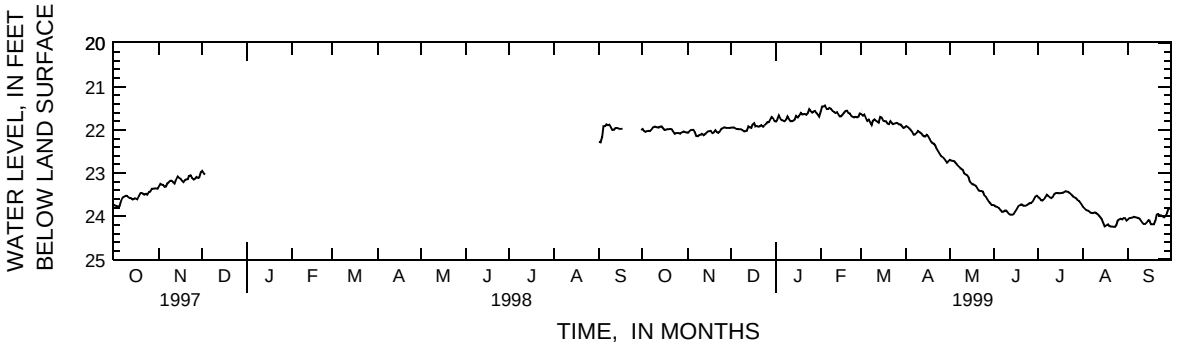
DATUM.--Land-surface datum is 297.80 ft above sea level. Measuring point: Opening in casing, 0.91 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 20.79 ft below land-surface datum, Mar. 19, 1996; lowest, 24.25 ft below land-surface datum, Aug. 22, 23, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.13	19.02	18.89	18.65	18.70	18.95	19.73	20.75	20.59	20.78	21.12
2	---	19.10	19.02	18.83	18.53	18.76	18.98	19.74	20.78	20.61	20.83	21.08
3	---	19.05	19.00	18.73	18.54	18.72	19.02	19.75	20.78	20.66	20.87	21.07
4	---	19.07	19.02	18.84	18.53	18.84	19.05	19.75	20.80	20.66	20.88	21.06
5	---	19.06	19.04	18.87	18.63	18.90	19.09	19.79	20.86	20.63	20.89	21.04
6	---	19.15	19.04	18.86	18.60	18.84	19.16	19.82	20.91	20.57	20.93	21.05
7	---	19.23	19.05	18.86	18.55	18.91	19.15	19.85	20.90	20.52	20.96	21.07
8	---	19.20	19.04	18.83	18.60	18.97	19.12	19.89	20.87	20.56	20.94	21.07
9	---	19.18	19.08	18.74	18.65	18.83	19.05	19.92	20.88	20.59	20.93	21.08
10	---	19.16	19.11	18.84	18.66	18.81	19.10	19.95	20.92	20.60	20.94	21.10
11	---	19.16	19.09	18.87	18.70	18.85	19.11	20.02	20.96	20.59	20.97	21.17
12	---	19.19	19.08	18.85	18.67	18.88	19.15	20.03	20.97	20.52	21.01	21.20
13	---	19.15	18.97	18.84	18.72	18.90	19.20	20.04	20.98	20.50	21.04	21.19
14	---	19.10	19.01	18.81	18.78	18.74	19.20	20.10	20.96	20.50	21.08	21.15
15	---	19.08	19.04	18.74	18.77	18.78	19.13	20.21	20.90	20.50	21.17	21.08
16	19.07	19.08	18.94	18.77	18.72	18.88	19.19	20.25	20.87	20.50	21.25	21.12
17	19.07	19.08	18.92	18.75	18.67	18.86	19.26	20.27	20.80	20.50	21.22	21.22
18	19.05	19.15	19.00	18.67	18.63	18.87	19.33	20.28	20.79	20.49	21.19	21.22
19	19.04	19.12	18.98	18.73	18.63	18.93	19.36	20.29	20.77	20.47	21.23	21.21
20	19.04	19.06	19.00	18.71	18.70	18.93	19.34	20.36	20.76	20.45	21.26	21.12
21	19.05	19.12	18.98	18.70	18.71	18.84	19.40	20.41	20.78	20.45	21.26	20.97
22	19.10	19.15	18.95	18.73	18.78	18.92	19.47	20.42	20.77	20.46	21.27	20.98
23	19.15	19.11	19.01	18.69	18.79	18.94	19.52	20.41	20.76	20.47	21.27	21.02
24	19.15	19.04	18.97	18.61	18.80	18.92	19.57	20.42	20.74	20.50	21.22	21.01
25	19.13	19.03	18.94	18.67	18.77	18.90	19.63	20.51	20.71	20.55	21.12	21.03
26	19.14	19.00	18.88	18.71	18.78	18.91	19.64	20.55	20.72	20.57	21.09	21.05
27	19.14	19.02	18.89	18.67	18.76	18.94	19.66	20.60	20.69	20.60	21.09	21.02
28	19.10	19.03	18.81	18.65	18.66	18.94	19.73	20.67	20.62	20.63	21.10	20.96
29	19.09	19.02	18.74	18.70	---	18.97	19.78	20.71	20.57	20.64	21.07	20.87
30	19.10	19.02	18.81	18.76	---	19.02	19.75	20.74	20.55	20.68	21.09	20.85
31	19.12	---	18.87	18.79	---	19.00	---	20.74	---	20.73	21.14	---
MEAN	19.10	19.10	18.98	18.76	18.68	18.88	19.30	20.20	20.80	20.56	21.07	21.07
MAX	19.15	19.23	19.11	18.89	18.80	19.02	19.78	20.74	20.98	20.73	21.27	21.22
MIN	19.04	19.00	18.74	18.61	18.53	18.70	18.95	19.73	20.55	20.45	20.78	20.85



AIKEN COUNTY

WELL NUMBER.-- 333234081290703. Local number, AK-847.

LOCATION.--Lat 33°32′32′′, long 81°29′08′′, Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 168 ft, 4 in from 135 to 193 ft, depth 193 ft, cased to 193 ft, screened from 178 to 188 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

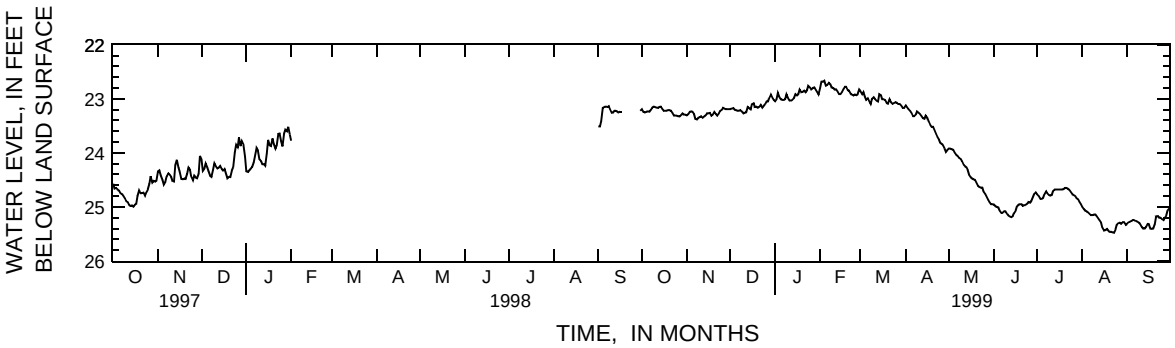
DATUM.--Land-surface datum is 295 ft above sea level. Measuring point: Opening in casing, 1.20 ft land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.12 ft below land-surface datum, Mar. 19, 1996; lowest, 25.48 ft below land-surface datum, Aug. 23, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.19	23.30	23.19	23.04	22.80	22.86	23.12	23.92	24.96	24.77	25.00	25.31
2	23.24	23.28	23.18	23.00	22.68	22.91	23.15	23.92	24.99	24.80	25.04	25.28
3	23.25	23.24	23.17	22.89	22.68	22.87	23.19	23.93	25.00	24.85	25.07	25.27
4	23.24	23.23	23.20	22.97	22.66	22.96	23.22	23.94	25.01	24.85	25.08	25.26
5	23.23	23.24	23.21	23.01	22.75	23.02	23.26	23.99	25.07	24.83	25.10	25.24
6	23.24	23.28	23.22	23.02	22.74	22.99	23.32	24.03	25.11	24.76	25.13	25.25
7	23.21	23.37	23.22	23.02	22.70	23.04	23.32	24.05	25.11	24.71	25.15	25.26
8	23.16	23.38	23.21	23.00	22.73	23.10	23.29	24.09	25.08	24.75	25.15	25.27
9	23.14	23.35	23.23	22.92	22.79	23.00	23.23	24.11	25.08	24.78	25.14	25.29
10	23.15	23.34	23.27	22.99	22.80	22.97	23.26	24.15	25.13	24.79	25.14	25.32
11	23.16	23.32	23.26	23.03	22.83	23.00	23.28	24.22	25.16	24.78	25.17	25.37
12	23.17	23.35	23.25	23.03	22.82	23.03	23.32	24.24	25.18	24.71	25.21	25.40
13	23.15	23.33	23.15	23.02	22.86	23.05	23.36	24.26	25.19	24.68	25.25	25.40
14	23.14	23.30	23.17	22.99	22.91	22.91	23.37	24.31	25.17	24.68	25.29	25.37
15	23.18	23.27	23.19	22.91	22.91	22.93	23.31	24.41	25.11	24.68	25.38	25.31
16	23.22	23.27	23.10	22.94	22.87	23.01	23.35	24.45	25.07	24.68	25.44	25.32
17	23.22	23.26	23.08	22.91	22.82	23.01	23.42	24.47	24.99	24.68	25.43	25.40
18	23.22	23.31	23.15	22.83	22.78	23.02	23.48	24.49	24.96	24.68	25.41	25.41
19	23.21	23.29	23.14	22.88	22.78	23.08	23.52	24.50	24.95	24.67	25.44	25.40
20	23.21	23.24	23.16	22.87	22.84	23.09	23.52	24.56	24.95	24.65	25.46	25.32
21	23.22	23.28	23.14	22.85	22.85	23.01	23.58	24.61	24.98	24.65	25.46	25.18
22	23.26	23.31	23.11	22.88	22.90	23.06	23.65	24.63	24.97	24.66	25.47	25.17
23	23.31	23.27	23.16	22.84	22.92	23.09	23.70	24.64	24.96	24.68	25.48	25.20
24	23.31	23.22	23.13	22.76	22.94	23.07	23.75	24.64	24.94	24.72	25.42	25.20
25	23.31	23.20	23.10	22.79	22.92	23.06	23.81	24.72	24.91	24.76	25.33	25.22
26	23.32	23.17	23.05	22.82	22.93	23.07	23.83	24.76	24.92	24.78	25.30	25.24
27	23.33	23.18	23.05	22.80	22.92	23.10	23.86	24.81	24.89	24.80	25.29	25.20
28	23.30	23.19	22.98	22.79	22.83	23.10	23.92	24.87	24.82	24.84	25.31	25.15
29	23.27	23.19	22.92	22.83	---	23.12	23.98	24.91	24.76	24.86	25.28	25.06
30	23.29	23.19	22.97	22.88	---	23.17	23.94	24.95	24.73	24.90	25.28	25.03
31	23.29	---	23.02	22.92	---	23.17	---	24.95	---	24.95	25.33	---
MEAN	23.23	23.27	23.14	22.92	22.82	23.03	23.48	24.40	25.01	24.75	25.27	25.27
MAX	23.33	23.38	23.27	23.04	22.94	23.17	23.98	24.95	25.19	24.95	25.48	25.41
MIN	23.14	23.17	22.92	22.76	22.66	22.86	23.12	23.92	24.73	24.65	25.00	25.03



AIKEN COUNTY

WELL NUMBER.--333233081290704. Local number, AK-848.

LOCATION.--Lat 33°32′32′′, long 81°29′08′′, Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 105 ft, 4 in from 75 to 116 ft, 126 to 131 ft, depth 131 ft, cased to 131 ft, screened from 116 to 126 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

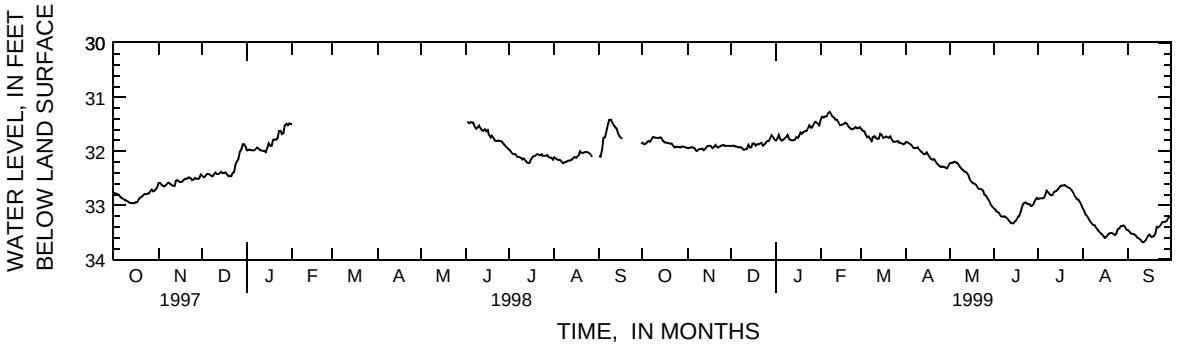
DATUM.--Land-surface datum is 299.70 ft above sea level. Measuring point: Opening in casing, 1.06 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 30.87 ft below land-surface datum, Mar. 2, 1994; lowest, 33.68 ft below land-surface datum, Sep. 11, 12, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.84	31.94	31.90	31.80	31.42	31.59	31.82	32.22	33.07	32.88	33.06	33.46
2	31.87	31.94	31.90	31.77	31.36	31.63	31.83	32.21	33.10	32.87	33.11	33.48
3	31.86	31.92	31.89	31.70	31.37	31.63	31.85	32.21	33.12	32.87	33.17	33.52
4	31.83	31.93	31.91	31.78	31.35	31.70	31.87	32.19	33.14	32.87	33.20	33.53
5	31.81	31.93	31.91	31.80	31.35	31.74	31.90	32.20	33.19	32.86	33.25	33.53
6	31.82	31.95	31.92	31.78	31.30	31.72	31.94	32.21	33.21	32.80	33.30	33.55
7	31.79	31.99	31.93	31.76	31.27	31.77	31.94	32.24	33.21	32.73	33.34	33.58
8	31.73	31.98	31.92	31.73	31.31	31.81	31.94	32.29	33.20	32.76	33.36	33.60
9	31.74	31.96	31.95	31.69	31.35	31.73	31.92	32.32	33.22	32.79	33.37	33.62
10	31.75	31.96	31.97	31.77	31.37	31.72	31.97	32.34	33.25	32.81	33.41	33.64
11	31.75	31.95	31.96	31.79	31.41	31.75	31.99	32.37	33.29	32.81	33.45	33.68
12	31.75	31.98	31.96	31.80	31.41	31.77	32.02	32.38	33.32	32.75	33.48	33.68
13	31.74	31.96	31.88	31.80	31.45	31.77	32.05	32.40	33.33	32.74	33.51	33.65
14	31.75	31.92	31.93	31.79	31.51	31.67	32.05	32.45	33.33	32.72	33.53	33.61
15	31.80	31.90	31.93	31.73	31.51	31.69	32.02	32.52	33.29	32.69	33.57	33.56
16	31.83	31.90	31.86	31.75	31.50	31.75	32.06	32.56	33.27	32.65	33.60	33.54
17	31.84	31.90	31.85	31.72	31.49	31.74	32.11	32.59	33.21	32.63	33.58	33.58
18	31.84	31.94	31.89	31.65	31.47	31.72	32.14	32.60	33.20	32.63	33.54	33.58
19	31.85	31.92	31.87	31.67	31.49	31.74	32.15	32.61	33.12	32.62	33.52	33.57
20	31.86	31.88	31.87	31.64	31.54	31.75	32.14	32.66	33.03	32.63	33.51	33.51
21	31.86	31.91	31.85	31.63	31.56	31.72	32.18	32.69	32.96	32.65	33.51	33.40
22	31.89	31.93	31.84	31.63	31.59	31.78	32.22	32.70	32.94	32.67	33.53	33.41
23	31.93	31.91	31.89	31.58	31.59	31.82	32.25	32.70	32.95	32.68	33.55	33.39
24	31.92	31.89	31.87	31.51	31.57	31.82	32.27	32.72	32.98	32.71	33.52	33.34
25	31.91	31.89	31.84	31.56	31.55	31.82	32.29	32.79	32.98	32.76	33.44	33.31
26	31.92	31.88	31.81	31.56	31.57	31.81	32.28	32.82	33.01	32.81	33.42	33.31
27	31.93	31.90	31.81	31.50	31.57	31.84	32.29	32.86	33.00	32.86	33.39	33.30
28	31.91	31.90	31.75	31.45	31.55	31.84	32.30	32.91	32.96	32.89	33.38	33.28
29	31.91	31.90	31.70	31.46	---	31.85	32.31	32.96	32.90	32.90	33.37	33.23
30	31.92	31.90	31.74	31.49	---	31.87	32.26	33.01	32.86	32.94	33.40	33.21
31	31.93	---	31.78	31.52	---	31.86	---	33.04	---	33.00	33.45	---
MEAN	31.84	31.93	31.87	31.67	31.46	31.76	32.08	32.54	33.12	32.77	33.41	33.49
MAX	31.93	31.99	31.97	31.80	31.59	31.87	32.31	33.04	33.33	33.00	33.60	33.68
MIN	31.73	31.88	31.70	31.45	31.27	31.59	31.82	32.19	32.86	32.62	33.06	33.21



AIKEN COUNTY

WELL NUMBER.-- 333232081290605. Local number, AK-849.

LOCATION.--Lat 33°32′32′′, long 81°29′08′′, Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Ellenton.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 68 ft, 4 in from 41 to 97 ft, depth 97 ft, screened from 82 to 92 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

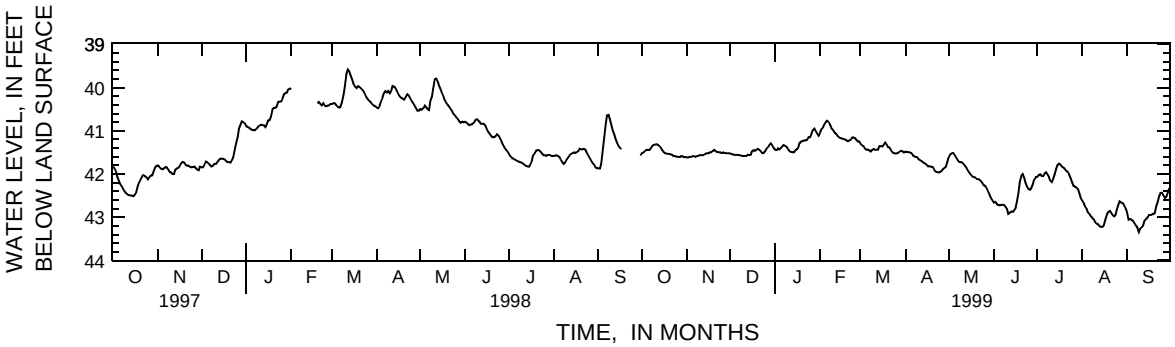
DATUM.--Land-surface datum is 295 ft above sea level. Measuring point: Opening in casing, 1.39 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 39.59 ft below land-surface datum, Mar. 12, 1998; lowest, 43.34 ft below land-surface datum, Sep. 9, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.51	41.62	41.53	41.44	41.04	41.30	41.48	41.60	42.66	42.07	42.62	42.88
2	41.50	41.62	41.54	41.45	40.97	41.34	41.49	41.54	42.65	42.02	42.68	43.06
3	41.48	41.60	41.55	41.40	40.93	41.35	41.50	41.52	42.69	42.01	42.75	43.04
4	41.45	41.60	41.56	41.43	40.85	41.41	41.50	41.51	42.72	42.05	42.81	43.06
5	41.44	41.59	41.56	41.40	40.79	41.44	41.51	41.56	42.73	42.05	42.89	43.08
6	41.45	41.59	41.56	41.35	40.77	41.43	41.57	41.62	42.71	41.99	42.93	43.14
7	41.41	41.60	41.57	41.33	40.80	41.45	41.59	41.67	42.71	41.96	42.98	43.19
8	41.35	41.59	41.57	41.35	40.87	41.48	41.61	41.72	42.72	42.00	43.02	43.23
9	41.33	41.58	41.58	41.37	40.95	41.44	41.61	41.73	42.76	42.07	43.05	43.34
10	41.32	41.57	41.59	41.43	40.99	41.42	41.66	41.73	42.81	42.15	43.12	43.27
11	41.31	41.57	41.58	41.47	41.04	41.44	41.68	41.77	42.92	42.19	43.15	43.23
12	41.32	41.57	41.59	41.49	41.07	41.44	41.70	41.81	42.89	42.12	43.17	43.20
13	41.35	41.55	41.55	41.50	41.11	41.44	41.72	41.86	42.87	42.01	43.21	43.08
14	41.39	41.53	41.57	41.50	41.15	41.36	41.75	41.91	42.88	41.88	43.22	43.05
15	41.45	41.52	41.56	41.44	41.17	41.36	41.77	41.97	42.84	41.79	43.22	43.00
16	41.49	41.52	41.48	41.43	41.18	41.37	41.80	42.01	42.78	41.76	43.18	42.95
17	41.52	41.50	41.45	41.38	41.19	41.31	41.82	42.05	42.64	41.78	43.07	42.95
18	41.53	41.50	41.46	41.28	41.20	41.27	41.82	42.07	42.43	41.83	42.95	42.94
19	41.54	41.47	41.43	41.25	41.21	41.32	41.83	42.08	42.19	41.85	42.88	42.93
20	41.54	41.44	41.42	41.24	41.24	41.38	41.85	42.11	42.04	41.89	42.86	42.90
21	41.55	41.47	41.44	41.22	41.22	41.39	41.91	42.12	42.00	41.92	42.89	42.76
22	41.56	41.49	41.47	41.22	41.21	41.45	41.95	42.13	42.09	41.95	42.95	42.65
23	41.59	41.50	41.52	41.21	41.16	41.50	41.96	42.16	42.20	42.01	42.98	42.53
24	41.59	41.50	41.51	41.15	41.15	41.52	41.97	42.21	42.30	42.10	42.95	42.44
25	41.60	41.51	41.47	41.15	41.17	41.53	41.95	42.26	42.35	42.20	42.83	42.43
26	41.60	41.50	41.42	41.09	41.21	41.52	41.92	42.28	42.37	42.28	42.71	42.50
27	41.61	41.51	41.38	40.99	41.25	41.51	41.88	42.33	42.33	42.29	42.63	42.55
28	41.59	41.52	41.33	40.95	41.25	41.48	41.86	42.41	42.23	42.31	42.66	42.53
29	41.59	41.52	41.29	41.00	---	41.46	41.83	42.47	42.13	42.35	42.68	42.45
30	41.61	41.52	41.34	41.07	---	41.48	41.71	42.56	42.07	42.44	42.73	42.33
31	41.61	---	41.40	41.11	---	41.50	---	42.62	---	42.57	42.80	---
MEAN	41.49	41.54	41.49	41.29	41.08	41.42	41.74	41.98	42.52	42.06	42.92	42.89
MAX	41.61	41.62	41.59	41.50	41.25	41.53	41.97	42.62	42.92	42.57	43.22	43.34
MIN	41.31	41.44	41.29	40.95	40.77	41.27	41.48	41.51	42.00	41.76	42.62	42.33



WELL NUMBER.--343714082285600. Local number, AND-326.

LOCATION.--Lat 34°37'14'', long 82°28'56'', Hydrologic Unit 03060103, Williamston City water treatment plant at College and Minor Street, well 2. Owner: City of Williamston.

AQUIFER.--Biotite plagioclase-quartz gneiss of the Lower Cambrian Six Mile thrust sheet.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8.25 in, depth 398 ft, cased to 75 ft, open hole from 75 to 398 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 785 ft above sea level. Measuring point: Top of casing at land-surface datum.

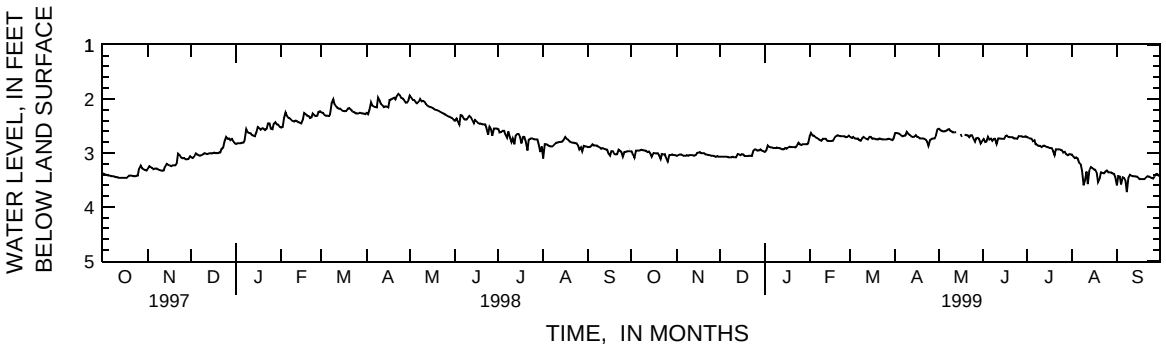
REMARKS.--Geophysical logs available in District files. Water level affected by nearby pumpage.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 1.90 ft below land-surface datum, Apr. 23, 1988; lowest, 4.35 ft below land-surface datum, June 13, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.97	3.05	3.07	2.98	2.69	2.71	2.63	2.55	2.74	2.71	3.03	3.60
2	3.04	3.04	3.07	2.96	2.63	2.72	2.63	2.57	2.80	2.72	3.07	3.43
3	3.09	3.03	3.07	2.86	2.68	2.70	2.64	2.59	2.79	2.73	3.09	3.44
4	2.96	3.03	3.07	2.89	2.68	2.73	2.65	2.60	2.70	2.74	3.08	3.58
5	2.96	3.04	3.07	2.90	2.71	2.74	2.67	2.60	2.75	2.78	3.10	3.45
6	2.96	3.05	3.07	2.90	2.72	2.73	2.69	2.59	2.73	2.76	3.18	3.46
7	2.95	3.05	3.08	2.91	2.74	2.76	2.68	2.57	2.77	2.84	3.21	3.52
8	2.94	3.04	3.08	2.91	2.76	2.77	2.68	2.56	2.74	2.85	3.32	3.72
9	2.95	3.05	3.08	2.90	2.77	2.73	2.61	2.59	2.74	2.87	3.60	3.45
10	2.96	3.04	3.07	2.91	2.74	2.70	2.65	2.60	2.83	2.87	3.51	3.40
11	2.96	3.04	3.08	2.91	2.74	2.72	2.66	2.62	2.73	2.89	3.34	3.42
12	2.98	3.04	3.08	2.92	2.74	2.74	2.69	2.62	2.73	2.87	3.57	3.43
13	2.97	3.05	3.02	2.93	2.77	2.75	2.70	2.61	2.74	2.86	3.31	3.43
14	3.01	3.04	3.02	2.93	2.78	2.70	2.70	---	2.74	2.88	3.26	3.44
15	3.07	3.00	3.04	2.91	2.78	2.70	2.67	---	2.74	2.89	3.28	3.44
16	3.00	2.99	3.02	2.92	2.78	2.74	2.70	2.65	2.69	2.90	3.30	3.46
17	3.00	2.98	3.03	2.90	2.77	2.73	2.71	2.70	2.68	2.91	3.31	3.48
18	3.01	3.00	3.06	2.88	2.72	2.74	2.73	---	2.70	2.91	3.37	3.48
19	3.00	3.00	3.06	2.89	2.69	2.75	2.73	2.66	2.71	2.96	3.54	3.48
20	3.04	3.00	3.06	2.89	2.67	2.75	2.73	2.67	2.71	3.04	3.47	3.48
21	3.11	3.03	3.05	2.89	2.68	2.73	2.74	2.67	2.71	2.93	3.36	3.46
22	3.02	3.03	3.05	2.90	2.69	2.74	2.75	2.71	2.73	2.93	3.37	3.43
23	3.03	3.04	3.06	2.87	2.69	2.75	2.79	2.67	2.73	2.93	3.38	3.44
24	3.02	3.04	2.96	2.81	2.69	2.75	2.87	2.67	2.74	2.94	3.34	3.45
25	3.11	3.05	2.93	2.84	2.69	2.75	2.76	2.73	2.69	2.95	3.32	3.46
26	3.16	3.05	2.94	2.85	2.71	2.75	2.74	2.80	2.69	2.99	3.36	3.47
27	3.04	3.06	2.96	2.84	2.70	2.74	2.73	2.73	2.69	2.98	3.36	3.43
28	3.04	3.07	2.95	2.84	2.68	2.74	2.73	2.72	2.70	3.02	3.36	3.39
29	3.03	3.06	2.93	2.84	---	2.75	2.68	2.74	2.70	3.04	3.38	3.39
30	3.04	3.07	2.96	2.84	---	2.76	2.56	2.82	2.69	3.02	3.39	3.43
31	3.04	---	2.97	2.82	---	2.73	---	2.77	---	3.03	3.45	---
MEAN	3.01	3.04	3.03	2.89	2.72	2.74	2.70	2.66	2.73	2.89	3.32	3.46
MAX	3.16	3.07	3.08	2.98	2.78	2.77	2.87	2.82	2.83	3.04	3.60	3.72
MIN	2.94	2.98	2.93	2.81	2.63	2.70	2.56	2.55	2.68	2.71	3.03	3.39



WELL NUMBER.--331037081184301. Local number, BW-349.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 245 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 1030 ft, 4 in from 988 to 1045 ft., depth 1045 ft, cased to 1045 ft, screened interval 1030-1040 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

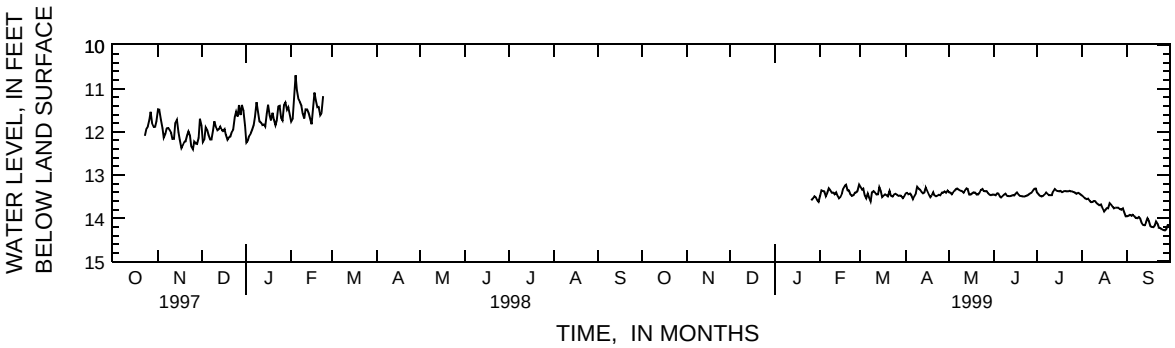
DATUM.--Land-surface datum is 208.64 ft above sea level. Measuring point: Opening in casing, 1.62 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.91 ft below land-surface datum, Apr. 21, 1993; lowest, 15.19 ft below land-surface datum, Dec. 20, 26, 1988.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	13.48	13.27	13.42	13.40	13.45	13.41	13.47	13.95
2	---	---	---	---	13.35	13.33	13.41	13.41	13.46	13.45	13.51	13.94
3	---	---	---	---	13.37	13.31	13.44	13.44	13.42	13.48	13.54	13.92
4	---	---	---	---	13.38	13.48	13.43	13.39	13.43	13.50	13.55	13.94
5	---	---	---	---	13.49	13.54	13.46	13.36	13.49	13.48	13.54	13.92
6	---	---	---	---	13.42	13.43	13.55	13.32	13.52	13.45	13.59	13.95
7	---	---	---	---	13.31	13.52	13.49	13.31	13.49	13.40	13.63	13.99
8	---	---	---	---	13.35	13.61	13.42	13.34	13.45	13.43	13.62	14.00
9	---	---	---	---	13.41	13.40	13.27	13.36	13.43	13.46	13.60	13.97
10	---	---	---	---	13.41	13.37	13.32	13.37	13.48	13.46	13.61	14.00
11	---	---	---	---	13.44	13.40	13.33	13.41	13.49	13.46	13.65	14.11
12	---	---	---	---	13.40	13.45	13.39	13.35	13.49	13.38	13.67	14.15
13	---	---	---	---	13.47	13.44	13.42	13.30	13.48	13.32	13.70	14.16
14	---	---	---	---	13.54	13.28	13.40	13.32	13.46	13.35	13.68	14.10
15	---	---	---	---	13.51	13.38	13.29	13.45	13.47	13.37	13.76	14.00
16	---	---	---	---	13.43	13.51	13.38	13.45	13.43	13.38	13.84	14.05
17	---	---	---	---	13.31	13.47	13.44	13.42	13.40	13.36	13.81	14.18
18	---	---	---	---	13.24	13.44	13.51	13.40	13.45	13.39	13.76	14.20
19	---	---	---	---	13.22	13.46	13.47	13.41	13.48	13.38	13.77	14.21
20	---	---	---	---	13.35	13.49	13.39	13.45	13.49	13.37	13.65	14.16
21	---	---	---	---	13.35	13.37	13.46	13.45	13.50	13.38	13.68	14.07
22	---	---	---	---	13.45	13.47	13.49	13.41	13.50	13.38	13.73	14.13
23	---	---	---	---	13.48	13.50	13.47	13.34	13.49	13.36	13.77	14.22
24	---	---	---	---	13.46	13.44	13.45	13.32	13.47	13.38	13.75	14.23
25	---	---	---	---	13.41	13.43	13.46	13.37	13.45	13.38	13.75	14.25
26	---	---	---	13.58	13.40	13.45	13.41	13.38	13.42	13.39	13.75	14.27
27	---	---	---	13.54	13.36	13.48	13.41	13.37	13.41	13.41	13.78	14.28
28	---	---	---	13.49	13.22	13.47	13.38	13.42	13.35	13.43	13.80	14.25
29	---	---	---	13.51	---	13.48	13.41	13.45	13.32	13.41	13.77	14.16
30	---	---	---	13.58	---	13.53	13.35	13.46	13.31	13.42	13.85	14.16
31	---	---	---	13.62	---	13.50	---	13.45	---	13.45	13.95	---
MEAN	---	---	---	13.55	13.39	13.44	13.42	13.39	13.45	13.41	13.69	14.10
MAX	---	---	---	13.62	13.54	13.61	13.55	13.46	13.52	13.50	13.95	14.28
MIN	---	---	---	13.49	13.22	13.27	13.27	13.30	13.31	13.32	13.47	13.92



BARNWELL COUNTY

WELL NUMBER.--331039081184201. Local number, BW-350.

LOCATION.--Lat 33°10'44'', long 81°18'55'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Upper Three Runs.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 150 ft, 4 in from 113 to 170 ft, depth 170 ft, cased to 170ft, screened interval 155-165 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

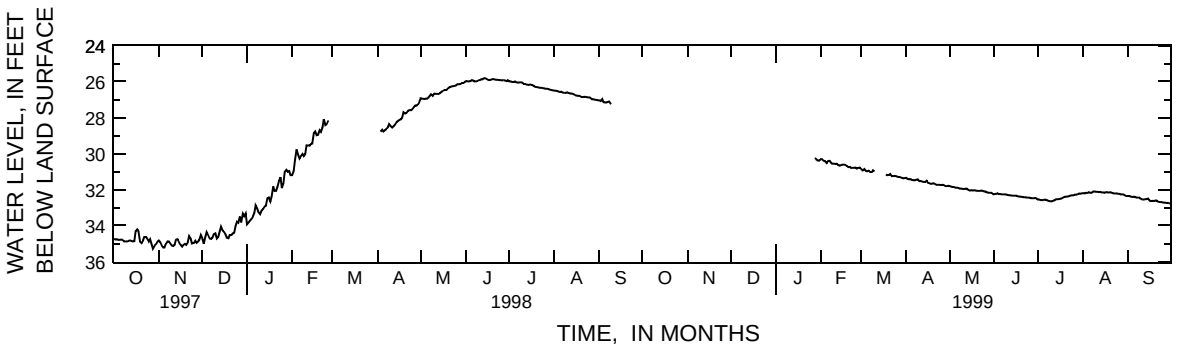
DATUM.--Land-surface datum is 208.02 ft above sea level. Measuring point: Opening in casing, 0.60 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 24.56 ft below land-surface datum, May 3, 1993; lowest, 35.27 ft below land-surface datum, Oct. 28, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	30.30	30.86	31.34	31.81	32.24	32.56	32.19	32.35
2	---	---	---	---	30.31	30.92	31.39	31.83	32.23	32.55	32.20	32.35
3	---	---	---	---	30.39	30.86	31.42	31.85	32.19	32.58	32.18	32.38
4	---	---	---	---	30.42	30.97	31.41	31.86	32.24	32.58	32.17	32.41
5	---	---	---	---	30.52	30.98	31.47	31.89	32.25	32.57	32.14	32.39
6	---	---	---	---	30.42	30.94	31.49	31.89	32.26	32.56	32.18	32.41
7	---	---	---	---	30.40	31.02	31.49	31.90	32.26	32.59	32.18	32.44
8	---	---	---	---	30.51	31.02	31.45	31.94	32.26	32.62	32.11	32.45
9	---	---	---	---	30.55	30.91	31.43	31.94	32.27	32.63	32.11	32.45
10	---	---	---	---	30.56	30.99	31.53	31.96	32.30	32.65	32.12	32.49
11	---	---	---	---	30.58	---	31.51	31.97	32.32	32.64	32.12	32.54
12	---	---	---	---	30.56	---	31.55	31.95	32.32	32.61	32.14	32.55
13	---	---	---	---	30.63	31.07	31.57	31.95	32.33	32.56	32.13	32.53
14	---	---	---	---	30.67	---	31.57	32.01	32.33	32.53	32.15	32.53
15	---	---	---	---	30.64	---	31.50	32.05	32.34	32.52	32.16	32.49
16	---	---	---	---	30.61	---	31.63	32.03	32.33	32.51	32.18	32.60
17	---	---	---	---	30.60	---	31.65	32.04	32.36	32.49	32.14	32.63
18	---	---	---	---	30.63	31.14	31.67	32.03	32.40	32.45	32.15	32.62
19	---	---	---	---	30.68	31.19	31.66	32.05	32.40	32.41	32.16	32.63
20	---	---	---	---	30.75	31.18	31.65	32.07	32.41	32.39	32.14	32.61
21	---	---	---	---	30.74	31.13	31.69	32.07	32.42	32.39	32.18	32.61
22	---	---	---	---	30.80	31.24	31.72	32.06	32.43	32.36	32.20	32.67
23	---	---	---	---	30.79	31.24	31.72	32.05	32.45	32.33	32.21	32.69
24	---	---	---	---	30.80	31.23	31.73	32.07	32.45	32.32	32.21	32.69
25	---	---	---	---	30.77	31.24	31.76	32.11	32.44	32.32	32.22	32.71
26	---	---	---	---	30.83	31.29	31.73	32.11	32.48	32.29	32.23	32.73
27	---	---	---	---	30.80	31.31	31.76	32.15	32.48	32.28	32.26	32.73
28	---	---	---	30.24	30.76	31.31	31.80	32.17	32.47	32.26	32.27	32.74
29	---	---	---	30.32	---	31.34	31.80	32.17	32.46	32.21	32.26	32.73
30	---	---	---	30.38	---	31.37	31.79	32.18	32.50	32.22	32.32	32.78
31	---	---	---	30.39	---	31.35	---	32.27	---	32.21	32.35	---
MEAN	---	---	---	30.33	30.61	31.12	31.60	32.01	32.35	32.46	32.19	32.56
MAX	---	---	---	30.39	30.83	31.37	31.80	32.27	32.50	32.65	32.35	32.78
MIN	---	---	---	30.24	30.30	30.86	31.34	31.81	32.19	32.21	32.11	32.35



WELL NUMBER.--331038081184201. Local number, BW-351.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Tertiary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 80 ft, 4 in from 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

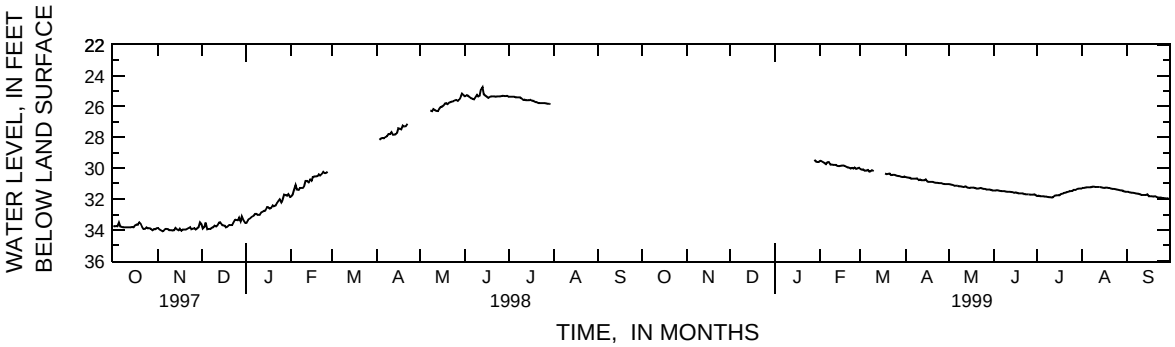
DATUM.--Land-surface datum is 208.27 ft above sea level. Measuring point: Opening in casing, .96 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.93 ft below land-surface datum, May 12, 13, 1993; lowest, 34.32 ft below land-surface datum, Apr. 12, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	29.52	30.06	30.57	31.04	31.44	31.81	31.29	31.54
2	---	---	---	---	29.54	30.10	30.60	31.06	31.44	31.80	31.29	31.54
3	---	---	---	---	29.61	30.08	30.63	31.08	31.43	31.83	31.27	31.57
4	---	---	---	---	29.64	30.17	30.62	31.10	31.46	31.82	31.25	31.59
5	---	---	---	---	29.74	30.16	30.68	31.14	31.48	31.82	31.24	31.59
6	---	---	---	---	29.63	30.12	30.69	31.13	31.49	31.84	31.25	31.62
7	---	---	---	---	29.62	30.22	30.69	31.15	31.49	31.85	31.25	31.64
8	---	---	---	---	29.76	30.21	30.68	31.19	31.50	31.87	31.21	31.66
9	---	---	---	---	29.77	30.12	30.66	31.18	31.51	31.89	31.21	31.66
10	---	---	---	---	29.80	30.19	30.77	31.20	31.53	31.89	31.22	31.70
11	---	---	---	---	29.80	---	30.74	31.22	31.54	31.90	31.22	31.74
12	---	---	---	---	29.79	---	30.79	31.19	31.54	31.88	31.23	31.75
13	---	---	---	---	29.86	30.26	30.79	31.20	31.56	31.78	31.23	31.74
14	---	---	---	---	29.88	---	30.80	31.27	31.56	31.76	31.24	31.74
15	---	---	---	---	29.86	---	30.74	31.29	31.60	31.76	31.27	31.71
16	---	---	---	---	29.84	---	30.87	31.27	31.58	31.76	31.29	31.82
17	---	---	---	---	29.83	---	30.88	31.27	31.61	31.71	31.27	31.83
18	---	---	---	---	29.86	30.35	30.90	31.27	31.64	31.67	31.27	31.83
19	---	---	---	---	29.90	30.40	30.89	31.29	31.64	31.62	31.30	31.84
20	---	---	---	---	29.96	30.38	30.89	31.32	31.65	31.59	31.30	31.83
21	---	---	---	---	29.96	30.36	30.93	31.32	31.65	31.58	31.33	31.84
22	---	---	---	---	30.02	30.45	30.95	31.31	31.68	31.53	31.35	31.91
23	---	---	---	---	29.99	30.44	30.95	31.30	31.70	31.49	31.36	31.92
24	---	---	---	---	30.01	30.44	30.98	31.32	31.70	31.49	31.37	31.91
25	---	---	---	---	29.97	30.46	30.99	31.35	31.70	31.47	31.39	31.93
26	---	---	---	---	30.05	30.50	30.97	31.35	31.73	31.42	31.41	31.95
27	---	---	---	---	30.01	30.51	31.01	31.40	31.73	31.41	31.43	31.96
28	---	---	---	29.46	29.98	30.52	31.04	31.39	31.73	31.37	31.45	31.97
29	---	---	---	29.56	---	30.56	31.04	31.40	31.71	31.32	31.45	31.96
30	---	---	---	29.60	---	30.58	31.05	31.41	31.74	31.33	31.52	32.01
31	---	---	---	29.61	---	30.55	---	31.46	---	31.32	31.54	---
MEAN	---	---	---	29.56	29.83	30.33	30.83	31.25	31.59	31.66	31.31	31.78
MAX	---	---	---	29.61	30.05	30.58	31.05	31.46	31.74	31.90	31.54	32.01
MIN	---	---	---	29.46	29.52	30.06	30.57	31.04	31.43	31.32	31.21	31.54



WELL NUMBER.--331044081185301. Local number, BW-352.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Lower Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 270 ft, 4 in 248 to 278 ft, depth 295 ft, cased to 293 ft, screened interval from 278 to 288 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

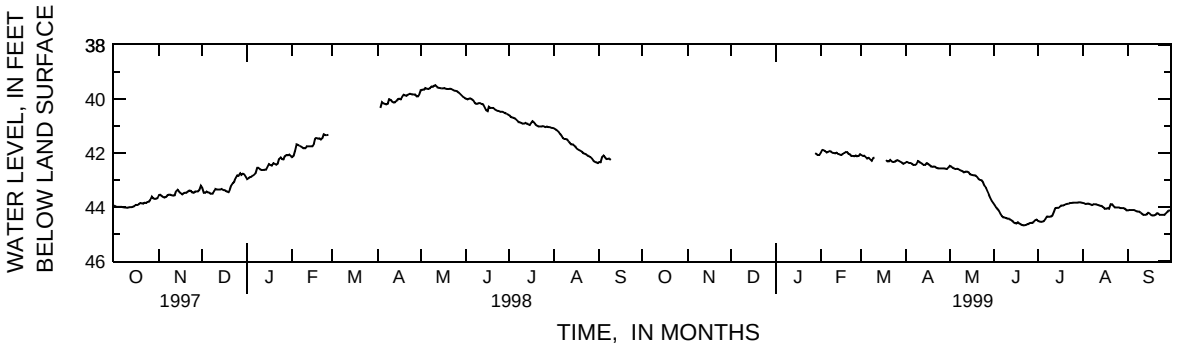
DATUM.--Land-surface datum is 205 ft above sea level. Measuring point: Opening in casing, 1.58 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to September 1990, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 38.63 ft below land-surface datum, Apr. 21, 1993; lowest, 46.03 ft below land-surface datum, Jul. 17, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	41.99	42.08	42.35	42.49	43.94	44.53	43.86	44.14
2	---	---	---	---	41.90	42.12	42.35	42.51	44.03	44.55	43.88	44.13
3	---	---	---	---	41.91	42.11	42.38	42.56	44.09	44.56	43.90	44.12
4	---	---	---	---	41.93	42.17	42.39	42.59	44.16	44.55	43.89	44.13
5	---	---	---	---	41.99	42.22	42.41	42.61	44.26	44.53	43.89	44.12
6	---	---	---	---	41.97	42.19	42.46	42.60	44.35	44.45	43.91	44.14
7	---	---	---	---	41.94	42.24	42.46	42.61	44.39	44.36	43.93	44.17
8	---	---	---	---	41.96	42.30	42.42	42.64	44.40	44.37	43.92	44.19
9	---	---	---	---	42.00	42.20	42.31	42.67	44.42	44.37	43.91	44.19
10	---	---	---	---	42.01	42.18	42.34	42.69	44.44	44.36	43.92	44.22
11	---	---	---	---	42.03	---	42.37	42.72	44.45	44.32	43.93	44.27
12	---	---	---	---	42.00	---	42.41	42.71	44.48	44.19	43.95	44.31
13	---	---	---	---	42.05	42.24	42.45	42.70	44.52	44.05	43.97	44.31
14	---	---	---	---	42.07	---	42.45	42.73	44.57	44.04	43.97	44.29
15	---	---	---	---	42.08	---	42.39	42.80	44.61	44.04	44.02	44.22
16	---	---	---	---	42.06	---	42.41	42.82	44.63	44.00	44.07	44.24
17	---	---	---	---	42.02	---	42.46	42.83	44.57	43.96	44.07	44.31
18	---	---	---	---	41.98	42.28	42.51	42.84	44.62	43.96	44.06	44.33
19	---	---	---	---	41.98	42.32	42.52	42.85	44.65	43.93	44.08	44.33
20	---	---	---	---	42.04	42.32	42.51	42.91	44.68	43.91	43.92	44.30
21	---	---	---	---	42.06	42.27	42.53	42.97	44.69	43.90	43.91	44.24
22	---	---	---	---	42.12	42.32	42.56	43.01	44.68	43.89	43.99	44.26
23	---	---	---	---	42.12	42.35	42.58	43.03	44.66	43.87	44.03	44.31
24	---	---	---	---	42.13	42.34	42.59	43.09	44.64	43.86	44.03	44.30
25	---	---	---	---	42.10	42.30	42.58	43.21	44.61	43.85	44.03	44.30
26	---	---	---	---	42.13	42.28	42.58	43.30	44.60	43.85	44.03	44.31
27	---	---	---	---	42.12	42.30	42.59	43.41	44.60	43.85	44.05	44.27
28	---	---	---	42.01	42.05	42.33	42.60	43.54	44.55	43.85	44.06	44.21
29	---	---	---	42.04	---	42.36	42.61	43.67	44.50	43.84	44.05	44.15
30	---	---	---	42.08	---	42.40	42.55	43.78	44.48	43.84	44.08	44.14
31	---	---	---	42.09	---	42.39	---	43.87	---	43.85	44.14	---
MEAN	---	---	---	42.06	42.03	42.26	42.47	42.93	44.48	44.11	43.98	44.23
MAX	---	---	---	42.09	42.13	42.40	42.61	43.87	44.69	44.56	44.14	44.33
MIN	---	---	---	42.01	41.90	42.08	42.31	42.49	43.94	43.84	43.86	44.12



WELL NUMBER.--331043081185401. Local number, BW-353.

LOCATION.--Lat 33°10'44'', long 081°18'51'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Upper Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 565 ft, 4 in 543-588 ft, depth 588 ft, cased to 588 ft, screened interval from 573 to 583 ft.

INSTRUMENTATION.-Data collection platform--60 minute collection interval.

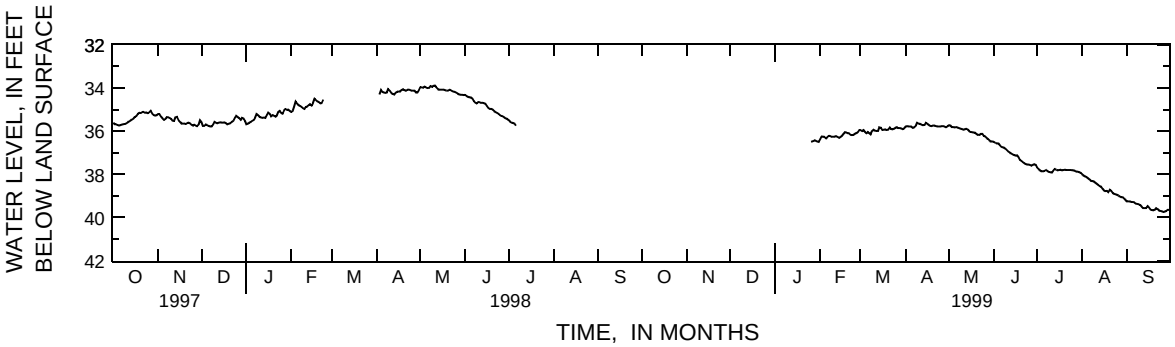
DATUM.--Land-surface datum is 205 ft above sea level. Measuring point: Opening in casing, 1.21 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to June 1994, October 1995 to September 1996.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.48 ft below land-surface datum, Mar. 26, 1994; lowest, 39.75 ft below land-surface datum, Sep. 26, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	36.37	35.96	35.80	35.73	36.51	37.69	37.99	39.25
2	---	---	---	---	36.25	36.00	35.78	35.75	36.55	37.76	38.05	39.25
3	---	---	---	---	36.27	35.95	35.79	35.81	36.57	37.82	38.10	39.26
4	---	---	---	---	36.27	36.04	35.79	35.82	36.58	37.86	38.13	39.28
5	---	---	---	---	36.34	36.10	35.80	35.84	36.65	37.87	38.17	39.28
6	---	---	---	---	36.29	36.04	35.85	35.82	36.72	37.83	38.23	39.31
7	---	---	---	---	36.22	36.09	35.83	35.83	36.75	37.80	38.30	39.36
8	---	---	---	---	36.23	36.14	35.76	35.86	36.76	37.84	38.32	39.38
9	---	---	---	---	36.26	35.99	35.62	35.89	36.81	37.89	38.33	39.39
10	---	---	---	---	36.26	35.94	35.65	35.91	36.88	37.91	38.38	39.42
11	---	---	---	---	36.27	35.98	35.67	35.94	36.94	37.92	38.43	39.50
12	---	---	---	---	36.23	36.00	35.70	35.92	36.99	37.83	38.49	39.56
13	---	---	---	---	36.26	35.99	35.73	35.89	37.04	37.76	38.54	39.57
14	---	---	---	---	36.30	35.83	35.72	35.92	37.08	37.79	38.57	39.56
15	---	---	---	---	36.28	35.85	35.62	36.02	37.11	37.81	38.66	39.47
16	---	---	---	---	36.22	35.96	35.65	36.04	37.14	37.80	38.76	39.52
17	---	---	---	---	36.14	35.94	35.71	36.06	37.12	37.79	38.78	39.63
18	---	---	---	---	36.06	35.92	35.76	36.07	37.22	37.81	38.77	39.66
19	---	---	---	---	36.05	35.95	35.77	36.07	37.32	37.80	38.83	39.67
20	---	---	---	---	36.11	35.94	35.74	36.12	37.38	37.79	38.71	39.64
21	---	---	---	---	36.11	35.84	35.75	36.17	37.44	37.80	38.76	39.57
22	---	---	---	---	36.17	35.90	35.78	36.17	37.48	37.80	38.86	39.62
23	---	---	---	---	36.19	35.92	35.80	36.13	37.52	37.80	38.91	39.69
24	---	---	---	---	36.17	35.89	35.79	36.13	37.55	37.80	38.93	39.70
25	---	---	---	---	36.12	35.85	35.80	36.21	37.56	37.81	38.95	39.72
26	---	---	---	36.51	36.11	35.82	35.77	36.25	37.57	37.82	38.98	39.75
27	---	---	---	36.47	36.06	35.86	35.77	36.30	37.59	37.85	39.02	39.73
28	---	---	---	36.43	35.95	35.86	35.79	36.37	37.56	37.88	39.06	39.70
29	---	---	---	36.44	---	35.88	35.82	36.43	37.54	37.88	39.06	39.64
30	---	---	---	36.48	---	35.91	35.77	36.48	37.57	37.90	39.12	39.65
31	---	---	---	36.50	---	35.88	---	36.49	---	37.94	39.22	---
MEAN	---	---	---	36.47	36.20	35.94	35.75	36.05	37.12	37.83	38.63	39.52
MAX	---	---	---	36.51	36.37	36.14	35.85	36.49	37.59	37.94	39.22	39.75
MIN	---	---	---	36.43	35.95	35.82	35.62	35.73	36.51	37.69	37.99	39.25



WELL NUMBER.--331044081185401. Local number, BW-354.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Gordon.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 390 ft, 4 in from 372 to 411 ft, depth 411 ft, cased to 411 ft, screened interval from 396 to 406 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

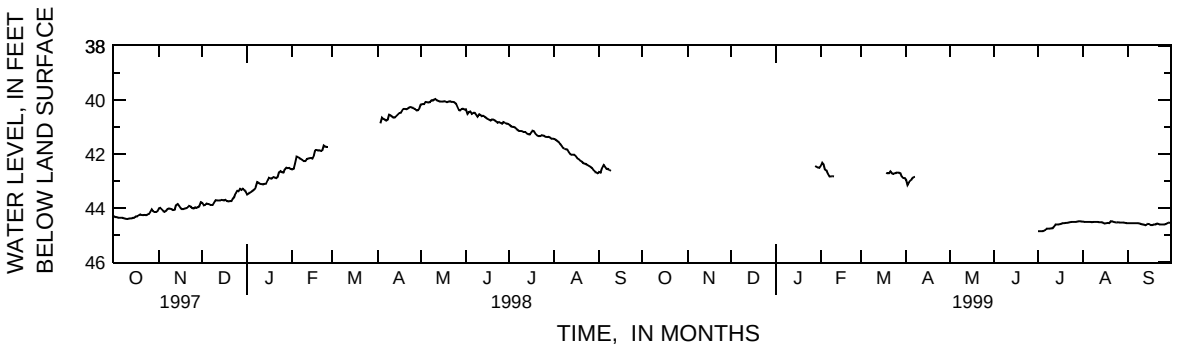
DATUM.--Land-surface datum is 207.63 ft above sea level. Measuring point: Opening in casing, 1.52 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 38.95 ft below land-surface datum, Apr. 21, 22, 1993; lowest, 45.98 ft below land-surface datum, Aug. 20, 21, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	42.44	---	42.97	---	---	44.87	44.52	44.58
2	---	---	---	---	42.34	---	43.15	---	---	44.88	44.53	44.57
3	---	---	---	---	42.41	---	43.04	---	---	44.87	44.53	44.57
4	---	---	---	---	42.58	---	42.99	---	---	44.87	44.53	44.57
5	---	---	---	---	42.62	---	42.92	---	---	44.85	44.53	44.57
6	---	---	---	---	42.74	---	42.87	---	---	44.82	44.53	44.57
7	---	---	---	---	42.84	---	42.86	---	---	44.78	44.54	44.57
8	---	---	---	---	42.84	---	---	---	---	44.78	44.53	44.58
9	---	---	---	---	42.83	---	---	---	---	44.78	44.53	44.59
10	---	---	---	---	42.84	---	---	---	---	44.77	44.53	44.60
11	---	---	---	---	---	---	---	---	---	44.76	44.53	44.62
12	---	---	---	---	---	---	---	---	---	44.70	44.54	44.63
13	---	---	---	---	---	---	---	---	---	44.63	44.54	44.64
14	---	---	---	---	---	---	---	---	---	44.63	44.54	44.63
15	---	---	---	---	---	---	---	---	---	44.63	44.56	44.60
16	---	---	---	---	---	---	---	---	---	44.61	44.59	44.61
17	---	---	---	---	---	---	---	---	---	44.60	44.58	44.64
18	---	---	---	---	---	42.70	---	---	---	44.58	44.56	44.64
19	---	---	---	---	---	42.73	---	---	---	44.58	44.58	44.63
20	---	---	---	---	---	42.73	---	---	---	44.56	44.51	44.62
21	---	---	---	---	---	42.66	---	---	---	44.56	44.50	44.59
22	---	---	---	---	---	42.72	---	---	---	44.55	44.53	44.60
23	---	---	---	---	---	42.75	---	---	---	44.54	44.54	44.63
24	---	---	---	---	---	42.72	---	---	---	44.53	44.55	44.62
25	---	---	---	---	---	42.71	---	---	---	44.53	44.54	44.62
26	---	---	---	---	---	42.70	---	---	---	44.53	44.55	44.63
27	---	---	---	---	---	42.70	---	---	---	44.53	44.55	44.61
28	---	---	---	42.45	---	42.72	---	---	---	44.52	44.55	44.58
29	---	---	---	42.47	---	42.84	---	---	---	44.51	44.55	44.55
30	---	---	---	42.51	---	42.91	---	---	---	44.51	44.56	44.56
31	---	---	---	42.52	---	42.90	---	---	---	44.52	44.58	---
MEAN	---	---	---	42.49	42.65	42.75	42.97	---	---	44.66	44.54	44.60
MAX	---	---	---	42.52	42.84	42.91	43.15	---	---	44.88	44.59	44.64
MIN	---	---	---	42.45	42.34	42.66	42.86	---	---	44.51	44.50	44.55



WELL NUMBER.--331044081185501. Local number, BW-355.

LOCATION.--Lat 33°10'44'', long 81°18'55'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Lower Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 670 ft, 4 in 654 to 701 ft, depth 701 ft, screened interval from 686 to 696 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

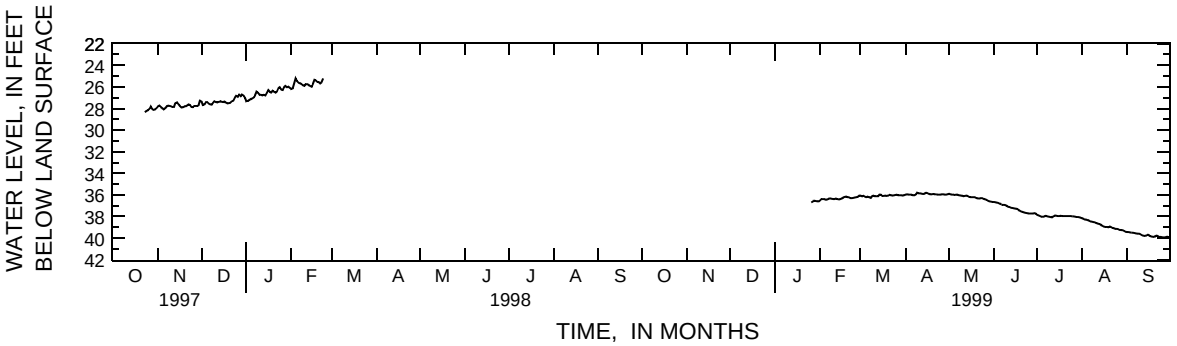
DATUM.--Land-surface datum is 210.05 ft above sea level. Measuring point: Opening in casing, 2.05 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 25.22 ft below land-surface datum, Feb. 23, 1998; lowest 39.95 ft below land-surface datum, Sep. 26, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	36.50	36.08	35.97	35.90	36.67	37.84	38.17	39.46
2	---	---	---	---	36.38	36.13	35.96	35.93	36.71	37.90	38.23	39.46
3	---	---	---	---	36.38	36.07	35.97	35.98	36.72	37.96	38.28	39.47
4	---	---	---	---	36.39	36.16	35.97	35.99	36.74	38.01	38.31	39.49
5	---	---	---	---	36.46	36.23	35.97	36.01	36.81	38.02	38.35	39.50
6	---	---	---	---	36.41	36.17	36.02	36.00	36.87	37.98	38.41	39.53
7	---	---	---	---	36.34	36.22	36.02	36.00	36.91	37.95	38.47	39.57
8	---	---	---	---	36.34	36.27	35.94	36.03	36.92	37.99	38.50	39.60
9	---	---	---	---	36.37	36.12	35.81	36.06	36.96	38.04	38.52	39.60
10	---	---	---	---	36.38	36.08	35.84	36.08	37.03	38.06	38.56	39.64
11	---	---	---	---	36.39	36.11	35.85	36.11	37.09	38.08	38.62	39.72
12	---	---	---	---	36.34	36.13	35.88	36.09	37.15	37.99	38.67	39.78
13	---	---	---	---	36.38	36.14	35.92	36.06	37.19	37.91	38.72	39.79
14	---	---	---	---	36.42	35.97	35.90	36.09	37.23	37.94	38.76	39.77
15	---	---	---	---	36.40	35.99	35.80	36.18	37.26	37.97	38.85	39.69
16	---	---	---	---	36.33	36.10	35.83	36.21	37.29	37.96	38.95	39.73
17	---	---	---	---	36.25	36.09	35.89	36.23	37.27	37.95	38.97	39.84
18	---	---	---	---	36.18	36.07	35.95	36.23	37.37	37.97	38.97	39.87
19	---	---	---	---	36.16	36.10	35.96	36.23	37.47	37.97	39.02	39.88
20	---	---	---	---	36.23	36.08	35.92	36.29	37.53	37.96	38.90	39.85
21	---	---	---	---	36.22	35.99	35.93	36.34	37.58	37.97	38.96	39.78
22	---	---	---	---	36.30	36.05	35.96	36.34	37.63	37.97	39.05	39.82
23	---	---	---	---	36.30	36.07	35.97	36.30	37.67	37.97	39.11	39.89
24	---	---	---	---	36.28	36.05	35.97	36.29	37.70	37.97	39.13	39.90
25	---	---	---	---	36.24	36.01	35.98	36.37	37.71	37.99	39.15	39.92
26	---	---	---	36.68	36.22	35.99	35.95	36.41	37.72	38.00	39.18	39.95
27	---	---	---	36.62	36.19	36.02	35.95	36.46	37.74	38.03	39.22	39.93
28	---	---	---	36.55	36.07	36.02	35.97	36.54	37.71	38.05	39.26	39.90
29	---	---	---	36.56	---	36.04	35.99	36.59	37.69	38.05	39.26	39.85
30	---	---	---	36.60	---	36.08	35.94	36.63	37.72	38.07	39.34	39.86
31	---	---	---	36.62	---	36.04	---	36.65	---	38.11	39.43	---
MEAN	---	---	---	36.60	36.32	36.09	35.93	36.21	37.27	37.99	38.82	39.73
MAX	---	---	---	36.68	36.50	36.27	36.02	36.65	37.74	38.11	39.43	39.95
MIN	---	---	---	36.55	36.07	35.97	35.80	35.90	36.67	37.84	38.17	39.46



WELL NUMBER.--331043081185601. Local number, BW-356.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 200 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Upper Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 910 ft, 4 in from 878 to 929 ft, depth 929 ft, cased to 929 ft, screened interval from 914 to 924 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

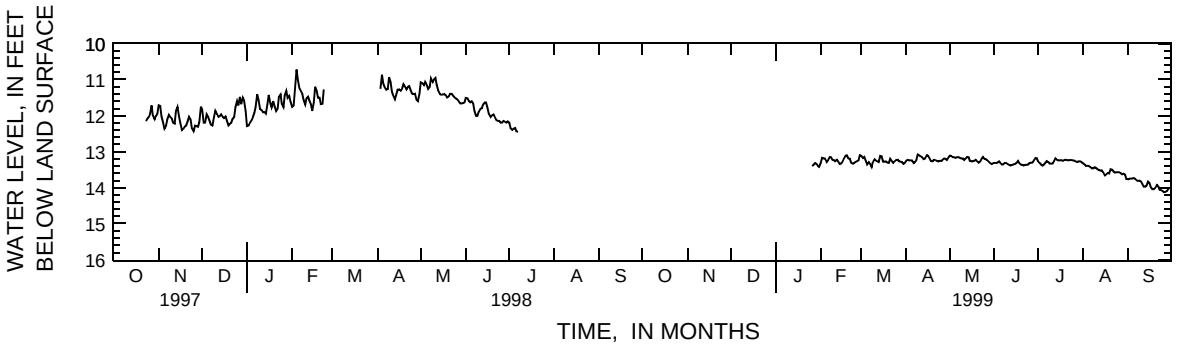
DATUM.--Land-surface datum is 210.04 ft above sea level. Measuring point: Opening in casing, 1.47 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 9.76 ft below land-surface datum, May 13, 14, 1993; lowest, 14.80 ft below land-surface datum, Feb. 17, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	13.31	13.12	13.24	13.11	13.31	13.27	13.32	13.77
2	---	---	---	---	13.17	13.18	13.22	13.12	13.32	13.32	13.35	13.75
3	---	---	---	---	13.19	13.14	13.24	13.16	13.30	13.36	13.39	13.75
4	---	---	---	---	13.19	13.26	13.24	13.16	13.27	13.38	13.39	13.75
5	---	---	---	---	13.29	13.35	13.24	13.17	13.32	13.36	13.39	13.73
6	---	---	---	---	13.24	13.29	13.31	13.15	13.36	13.30	13.42	13.75
7	---	---	---	---	13.15	13.34	13.29	13.15	13.36	13.26	13.46	13.79
8	---	---	---	---	13.16	13.43	13.22	13.17	13.32	13.29	13.46	13.81
9	---	---	---	---	13.22	13.28	13.08	13.19	13.32	13.33	13.43	13.80
10	---	---	---	---	13.23	13.21	13.10	13.19	13.34	13.33	13.45	13.82
11	---	---	---	---	13.26	13.24	13.13	13.23	13.37	13.33	13.48	13.90
12	---	---	---	---	13.22	13.27	13.16	13.19	13.38	13.25	13.51	13.97
13	---	---	---	---	13.27	13.29	13.21	13.14	13.37	13.18	13.53	13.97
14	---	---	---	---	13.34	13.12	13.19	13.15	13.36	13.22	13.52	13.94
15	---	---	---	---	13.33	13.13	13.09	13.25	13.34	13.24	13.58	13.83
16	---	---	---	---	13.27	13.28	13.11	13.27	13.31	13.24	13.66	13.86
17	---	---	---	---	13.19	13.28	13.19	13.27	13.25	13.23	13.64	14.00
18	---	---	---	---	13.11	13.27	13.26	13.25	13.31	13.25	13.59	14.04
19	---	---	---	---	13.10	13.30	13.27	13.22	13.36	13.23	13.61	14.04
20	---	---	---	---	13.19	13.31	13.22	13.27	13.37	13.22	13.49	14.00
21	---	---	---	---	13.20	13.20	13.23	13.30	13.38	13.23	13.50	13.92
22	---	---	---	---	13.30	13.26	13.25	13.27	13.37	13.24	13.55	13.96
23	---	---	---	---	13.33	13.31	13.27	13.20	13.37	13.23	13.58	14.06
24	---	---	---	---	13.31	13.27	13.25	13.14	13.36	13.23	13.57	14.07
25	---	---	---	---	13.28	13.23	13.26	13.20	13.32	13.24	13.57	14.09
26	---	---	---	13.39	13.26	13.22	13.22	13.21	13.30	13.25	13.57	14.12
27	---	---	---	13.37	13.24	13.27	13.19	13.23	13.30	13.27	13.59	14.11
28	---	---	---	13.32	13.10	13.28	13.20	13.28	13.23	13.29	13.62	14.09
29	---	---	---	13.33	---	13.29	13.22	13.32	13.18	13.27	13.61	14.02
30	---	---	---	13.39	---	13.34	13.15	13.34	13.18	13.27	13.64	14.01
31	---	---	---	13.42	---	13.32	---	13.32	---	13.29	13.76	---
MEAN	---	---	---	13.37	13.23	13.26	13.21	13.21	13.32	13.27	13.52	13.92
MAX	---	---	---	13.42	13.34	13.43	13.31	13.34	13.38	13.38	13.76	14.12
MIN	---	---	---	13.32	13.10	13.12	13.08	13.11	13.18	13.18	13.32	13.73



WELL NUMBER.--331914081242801. Local number, BW-358.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 825 ft, 4 in from 801 to 847, depth 847 ft, cased to 847 ft, screened interval 832-842ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

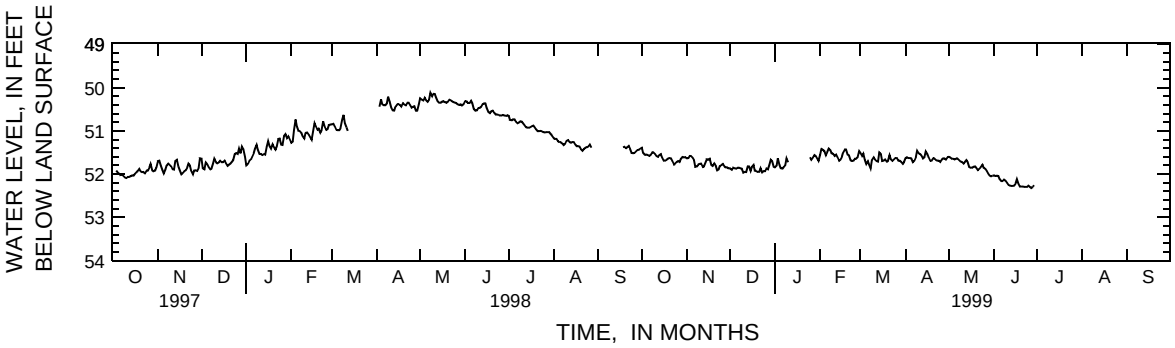
DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.45 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 49.76 ft below land-surface datum, Mar. 19, 1996; lowest, 54.04 ft below land-surface datum, several days in Oct. and Nov. 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.39	51.64	51.87	51.85	51.56	51.51	51.63	51.60	52.03	---	---	---
2	51.51	51.63	51.90	51.81	51.42	51.58	51.61	51.62	52.05	---	---	---
3	51.56	51.58	51.86	51.63	51.44	51.52	51.63	51.65	52.04	---	---	---
4	51.55	51.59	51.87	51.79	51.46	51.68	51.63	51.65	52.05	---	---	---
5	51.56	51.62	51.88	51.87	51.57	51.77	51.64	51.66	52.12	---	---	---
6	51.58	51.68	51.86	51.88	51.50	51.70	51.73	51.64	52.17	---	---	---
7	51.56	51.83	51.86	51.84	51.41	51.78	51.70	51.64	52.17	---	---	---
8	51.50	51.82	51.87	51.80	51.45	51.87	51.62	51.68	52.13	---	---	---
9	51.50	51.78	51.88	51.64	51.52	51.67	51.46	51.71	52.15	---	---	---
10	51.54	51.77	51.97	51.73	51.54	51.61	51.52	51.72	52.20	---	---	---
11	51.58	51.76	51.95	---	51.58	51.66	51.54	51.76	52.25	---	---	---
12	51.60	51.84	51.96	---	51.55	51.70	51.58	51.72	52.27	---	---	---
13	51.56	51.82	51.82	---	51.61	51.71	51.64	51.68	52.28	---	---	---
14	51.54	51.74	51.82	---	51.69	51.50	51.61	51.72	52.28	---	---	---
15	51.62	51.66	51.93	---	51.67	51.54	51.48	51.84	52.27	---	---	---
16	51.69	51.67	51.83	---	51.60	51.70	51.54	51.86	52.22	---	---	---
17	51.69	51.65	51.79	---	51.50	51.69	51.62	51.86	52.12	---	---	---
18	51.67	51.79	51.92	---	51.43	51.66	51.70	51.83	52.23	---	---	---
19	51.64	51.81	51.94	---	51.43	51.71	51.69	51.82	52.29	---	---	---
20	51.63	51.75	51.95	---	51.55	51.70	51.63	51.87	52.29	---	---	---
21	51.64	51.81	51.95	---	51.57	51.57	51.64	51.91	52.29	---	---	---
22	51.70	51.91	51.87	---	51.68	51.66	51.68	51.88	52.30	---	---	---
23	51.78	51.89	51.97	---	51.70	51.70	51.69	51.83	52.30	---	---	---
24	51.76	51.81	51.94	---	51.69	51.66	51.69	51.78	52.30	---	---	---
25	51.72	51.79	51.94	51.61	51.65	51.63	51.72	51.86	52.27	---	---	---
26	51.70	51.77	51.87	51.67	51.65	51.63	51.66	51.88	52.30	---	---	---
27	51.72	51.82	51.89	51.62	51.62	51.69	51.64	51.92	52.32	---	---	---
28	51.65	51.85	51.80	51.56	51.47	51.69	51.64	51.99	52.29	---	---	---
29	51.60	51.85	51.67	51.58	---	51.71	51.66	52.03	52.26	---	---	---
30	51.62	51.87	51.70	51.65	---	51.77	51.61	52.06	---	---	---	---
31	51.61	---	51.83	51.70	---	51.73	---	52.04	---	---	---	---
MEAN	51.61	51.76	51.88	51.72	51.55	51.67	51.63	51.80	52.22	---	---	---
MAX	51.78	51.91	51.97	51.88	51.70	51.87	51.73	52.06	52.32	---	---	---
MIN	51.39	51.58	51.67	51.56	51.41	51.50	51.46	51.60	52.03	---	---	---



BARNWELL COUNTY

WELL NUMBER.--331916081242801. Local number, BW-359.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 190 ft, 4 in 169-214, depth 214 ft, cased to 214 ft, screened interval 199-209 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

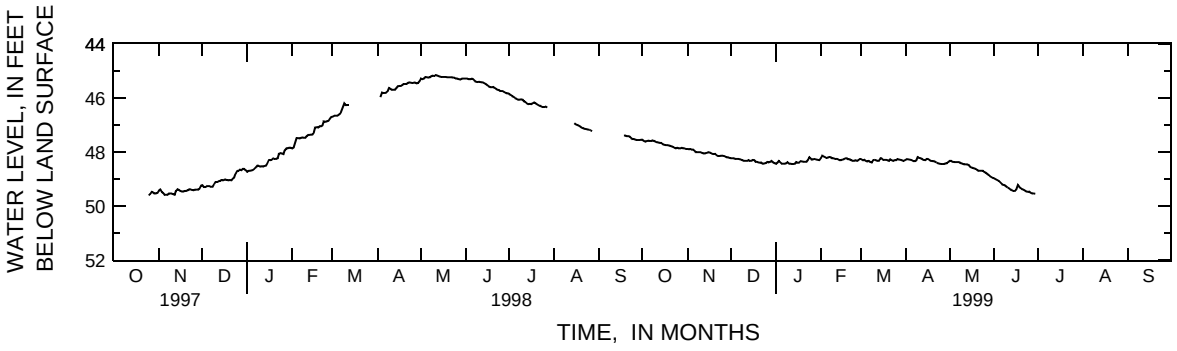
DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.34 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 44.39 ft below land-surface datum, Apr. 15, 1996; lowest, 52.54 ft below land-surface datum, Oct. 9, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47.54	47.89	48.23	48.43	48.22	48.27	48.27	48.32	48.98	---	---	---
2	47.59	47.90	48.24	48.40	48.14	48.30	48.27	48.33	49.02	---	---	---
3	47.62	47.89	48.23	48.33	48.17	48.28	48.28	48.36	49.04	---	---	---
4	47.60	47.91	48.26	48.39	48.18	48.32	48.29	48.37	49.07	---	---	---
5	47.58	47.92	48.26	48.43	48.22	48.35	48.31	48.38	49.12	---	---	---
6	47.59	47.96	48.26	48.43	48.21	48.33	48.34	48.37	49.18	---	---	---
7	47.59	48.00	48.27	48.43	48.19	48.36	48.34	48.37	49.21	---	---	---
8	47.57	48.01	48.28	48.42	48.20	48.39	48.30	48.39	49.23	---	---	---
9	47.59	48.01	48.30	48.38	48.23	48.31	48.19	48.42	49.26	---	---	---
10	47.61	48.00	48.33	48.43	48.24	48.29	48.22	48.44	49.31	---	---	---
11	47.64	48.03	48.33	48.44	48.26	48.31	48.24	48.46	49.35	---	---	---
12	47.65	48.05	48.33	48.45	48.25	48.32	48.26	48.46	49.39	---	---	---
13	47.66	48.05	48.29	48.45	48.27	48.33	48.29	48.46	49.42	---	---	---
14	47.67	48.03	48.32	48.44	48.30	48.23	48.30	48.49	49.45	---	---	---
15	47.71	48.01	48.33	48.38	48.30	48.23	48.25	48.54	49.45	---	---	---
16	47.74	48.02	48.29	48.40	48.28	48.29	48.25	48.57	49.40	---	---	---
17	47.75	48.03	48.30	48.40	48.26	48.29	48.29	48.59	49.23	---	---	---
18	47.75	48.07	48.36	48.34	48.23	48.29	48.33	48.61	49.29	---	---	---
19	47.76	48.08	48.36	48.35	48.23	48.31	48.34	48.62	49.34	---	---	---
20	47.77	48.07	48.39	48.36	48.27	48.32	48.34	48.66	49.38	---	---	---
21	47.79	48.12	48.40	48.36	48.27	48.27	48.36	48.69	49.40	---	---	---
22	47.81	48.15	48.39	48.36	48.31	48.30	48.39	48.70	49.43	---	---	---
23	47.84	48.15	48.43	48.31	48.32	48.32	48.42	48.69	49.46	---	---	---
24	47.86	48.14	48.42	48.19	48.32	48.31	48.44	48.69	49.48	---	---	---
25	47.85	48.14	48.41	48.23	48.31	48.30	48.45	48.74	49.47	---	---	---
26	47.86	48.15	48.36	48.28	48.32	48.26	48.45	48.77	49.51	---	---	---
27	47.86	48.17	48.39	48.27	48.31	48.28	48.45	48.80	49.54	---	---	---
28	47.85	48.20	48.36	48.26	48.26	48.29	48.42	48.85	49.54	---	---	---
29	47.86	48.20	48.33	48.28	---	48.30	48.42	48.89	49.55	---	---	---
30	47.87	48.22	48.37	48.29	---	48.32	48.36	48.93	---	---	---	---
31	47.89	---	48.41	48.30	---	48.31	---	48.96	---	---	---	---
MEAN	47.72	48.05	48.33	48.36	48.25	48.30	48.33	48.58	49.33	---	---	---
MAX	47.89	48.22	48.43	48.45	48.32	48.39	48.45	48.96	49.55	---	---	---
MIN	47.54	47.89	48.23	48.19	48.14	48.23	48.19	48.32	48.98	---	---	---



WELL NUMBER.--331915081242801. Local number, BW-360.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Barnwell.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 115 ft, 4 in 92 to 140, depth 140 ft, cased to 140 ft, screened interval 125-134 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

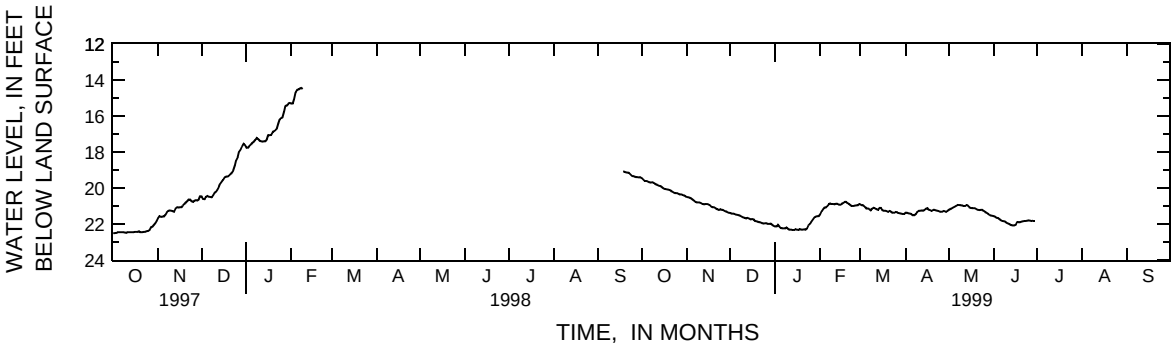
DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.29 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 14.15 ft below land-surface datum, May 22, 1993; lowest, 26.92 ft below land-surface datum, Feb. 19, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.44	20.50	21.39	22.13	21.46	20.91	21.38	21.22	21.57	---	---	---
2	19.53	20.52	21.42	22.13	21.30	20.97	21.38	21.17	21.61	---	---	---
3	19.60	20.54	21.43	22.05	21.18	20.96	21.41	21.13	21.65	---	---	---
4	19.61	20.57	21.45	22.16	21.09	21.05	21.43	21.07	21.67	---	---	---
5	19.64	20.62	21.47	22.22	21.09	21.14	21.44	21.03	21.73	---	---	---
6	19.69	20.69	21.49	22.24	21.01	21.14	21.51	20.98	21.80	---	---	---
7	19.70	20.77	21.52	22.25	20.89	21.16	21.51	20.95	21.83	---	---	---
8	19.68	20.80	21.55	22.25	20.86	21.24	21.45	20.95	21.85	---	---	---
9	19.70	20.80	21.59	22.19	20.90	21.14	21.31	20.97	21.88	---	---	---
10	19.75	20.81	21.64	22.26	20.89	21.09	21.27	20.97	21.94	---	---	---
11	19.81	20.84	21.66	22.31	20.91	21.13	21.26	21.00	21.98	---	---	---
12	19.85	20.90	21.69	22.32	20.87	21.17	21.25	20.99	22.02	---	---	---
13	19.88	20.91	21.65	22.33	20.88	21.21	21.27	20.95	22.06	---	---	---
14	19.89	20.90	21.69	22.34	20.93	21.10	21.24	20.97	22.08	---	---	---
15	19.95	20.89	21.74	22.27	20.93	21.11	21.15	21.06	22.09	---	---	---
16	20.02	20.92	21.73	22.32	20.88	21.24	21.13	21.10	22.05	---	---	---
17	20.06	20.95	21.75	22.33	20.82	21.26	21.20	21.12	21.89	---	---	---
18	20.07	21.04	21.83	22.28	20.77	21.26	21.24	21.12	21.91	---	---	---
19	20.09	21.07	21.86	22.31	20.77	21.29	21.26	21.13	21.90	---	---	---
20	20.11	21.07	21.88	22.31	20.84	21.32	21.22	21.17	21.87	---	---	---
21	20.14	21.12	21.90	22.30	20.88	21.26	21.22	21.22	21.85	---	---	---
22	20.19	21.18	21.90	22.31	20.95	21.30	21.25	21.23	21.83	---	---	---
23	20.26	21.20	21.96	22.25	20.99	21.36	21.27	21.21	21.83	---	---	---
24	20.29	21.18	21.97	22.09	20.99	21.36	21.28	21.20	21.82	---	---	---
25	20.29	21.20	21.96	21.99	20.98	21.34	21.31	21.27	21.80	---	---	---
26	20.31	21.22	21.95	21.88	20.96	21.33	21.31	21.32	21.81	---	---	---
27	20.35	21.26	22.00	21.74	20.96	21.39	21.29	21.37	21.83	---	---	---
28	20.36	21.30	22.00	21.62	20.89	21.41	21.28	21.43	21.82	---	---	---
29	20.37	21.33	21.97	21.58	---	21.42	21.31	21.49	21.81	---	---	---
30	20.41	21.36	22.03	21.57	---	21.45	21.27	21.53	---	---	---	---
31	20.45	---	22.10	21.57	---	21.45	---	21.55	---	---	---	---
MEAN	19.98	20.95	21.75	22.13	20.96	21.22	21.30	21.16	21.85	---	---	---
MAX	20.45	21.36	22.10	22.34	21.46	21.45	21.51	21.55	22.09	---	---	---
MIN	19.44	20.50	21.39	21.57	20.77	20.91	21.13	20.95	21.57	---	---	---



BARNWELL COUNTY

WELL NUMBER.--331903081242702. Local number, BW-365.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 505 ft, 4 in from 482 to 539 ft, depth 539 ft, cased 539 ft, screened interval from 524 to 534 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

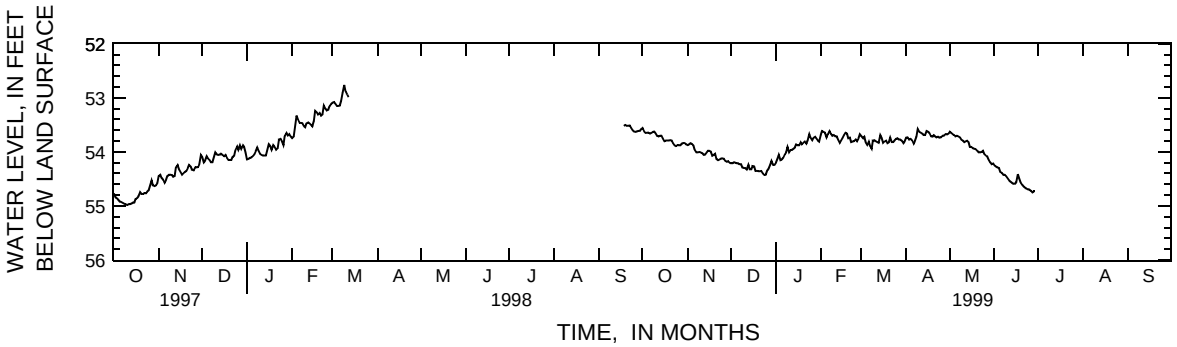
DATUM.--Land-surface datum is 263.52 ft above sea level. Measuring point: Opening in casing, 2.41 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 51.57 ft below land-surface datum, May 22, 1993; lowest, 55.03 ft below land-surface datum, Sep. 22, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.56	53.87	54.21	54.20	53.69	53.71	53.74	53.62	54.25	---	---	---
2	53.62	53.86	54.21	54.14	53.61	53.75	53.73	53.65	54.27	---	---	---
3	53.65	53.84	54.19	54.06	53.63	53.72	53.77	53.67	54.29	---	---	---
4	53.65	53.85	54.20	54.15	53.64	53.83	53.76	53.69	54.30	---	---	---
5	53.64	53.88	54.21	54.14	53.73	53.87	53.78	53.71	54.37	---	---	---
6	53.66	53.96	54.21	54.10	53.67	53.81	53.85	53.70	54.39	---	---	---
7	53.65	54.01	54.23	54.05	53.61	53.89	53.80	53.71	54.42	---	---	---
8	53.63	54.01	54.23	54.00	53.67	53.94	53.72	53.73	54.42	---	---	---
9	53.62	54.00	54.29	53.91	53.70	53.79	53.58	53.77	54.45	---	---	---
10	53.66	54.01	54.30	54.00	53.69	53.78	53.63	53.79	54.49	---	---	---
11	53.70	54.02	54.30	53.97	53.71	53.80	53.64	53.82	54.53	---	---	---
12	53.71	54.06	54.32	53.96	53.71	53.82	53.66	53.80	54.55	---	---	---
13	53.70	54.05	54.24	53.94	53.77	53.83	53.69	53.79	54.57	---	---	---
14	53.70	54.01	54.32	53.92	53.83	53.69	53.69	53.82	54.59	---	---	---
15	53.75	53.98	54.32	53.86	53.79	53.74	53.61	53.91	54.59	---	---	---
16	53.80	53.98	54.26	53.88	53.74	53.83	53.62	53.91	54.56	---	---	---
17	53.79	53.99	54.27	53.88	53.69	53.81	53.66	53.93	54.41	---	---	---
18	53.79	54.07	54.35	53.82	53.64	53.79	53.71	53.94	54.49	---	---	---
19	53.79	54.06	54.35	53.86	53.66	53.84	53.72	53.95	54.57	---	---	---
20	53.78	54.03	54.36	53.83	53.75	53.82	53.69	53.98	54.61	---	---	---
21	53.79	54.13	54.36	53.81	53.74	53.74	53.71	54.01	54.64	---	---	---
22	53.84	54.15	54.35	53.85	53.82	53.82	53.73	54.01	54.66	---	---	---
23	53.88	54.14	54.40	53.79	53.81	53.82	53.72	54.00	54.68	---	---	---
24	53.89	54.12	54.43	53.67	53.80	53.78	53.74	53.98	54.70	---	---	---
25	53.87	54.12	54.42	53.74	53.77	53.76	53.73	54.04	54.70	---	---	---
26	53.88	54.13	54.34	53.78	53.80	53.75	53.70	54.07	54.72	---	---	---
27	53.88	54.16	54.31	53.74	53.75	53.77	53.70	54.08	54.75	---	---	---
28	53.85	54.18	54.24	53.72	53.68	53.77	53.67	54.15	54.73	---	---	---
29	53.84	54.17	54.17	53.75	---	53.79	53.68	54.19	54.73	---	---	---
30	53.84	54.20	54.24	53.79	---	53.84	53.66	54.23	---	---	---	---
31	53.86	---	54.24	53.81	---	53.81	---	54.22	---	---	---	---
MEAN	53.75	54.03	54.29	53.91	53.72	53.80	53.70	53.90	54.53	---	---	---
MAX	53.89	54.20	54.43	54.20	53.83	53.94	53.85	54.23	54.75	---	---	---
MIN	53.56	53.84	54.17	53.67	53.61	53.69	53.58	53.62	54.25	---	---	---



WELL NUMBER.--331901081242801. Local number, BW-366.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 688 ft, 4 in from 658 to 715, depth 715 ft, cased to 715 ft, screened interval 700-710 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Opening in casing, 2.32 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 49.89 ft below land-surface datum, Mar. 19, 1996; lowest, 52.79 ft below land-surface datum, Jun. 27, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.91	52.13	52.37	52.32	52.03	51.97	52.10	52.07	52.49	---	---	---
2	52.02	52.12	52.39	52.30	51.89	52.05	52.10	52.09	52.52	---	---	---
3	52.07	52.07	52.35	52.11	51.91	51.98	52.12	52.12	52.51	---	---	---
4	52.07	52.08	52.36	52.27	51.93	52.14	52.11	52.12	52.52	---	---	---
5	52.07	52.11	52.36	52.35	52.04	52.24	52.12	52.12	52.58	---	---	---
6	52.10	52.19	52.35	52.36	51.97	52.18	52.20	52.11	52.64	---	---	---
7	52.07	52.32	52.35	52.32	51.88	52.26	52.18	52.11	52.64	---	---	---
8	52.01	52.32	52.35	52.28	51.93	52.34	52.10	52.15	52.61	---	---	---
9	52.01	52.28	52.36	52.12	51.99	52.14	51.94	52.18	52.62	---	---	---
10	52.05	52.27	52.45	52.21	52.01	52.08	51.99	52.19	52.67	---	---	---
11	52.08	52.26	52.44	---	52.05	52.14	52.02	52.23	52.72	---	---	---
12	52.10	52.33	52.45	---	52.02	52.17	52.06	52.20	52.74	---	---	---
13	52.07	52.31	52.30	---	52.08	52.18	52.11	52.15	52.75	---	---	---
14	52.05	52.23	52.32	---	52.15	51.97	52.08	52.19	52.75	---	---	---
15	52.12	52.16	52.42	---	52.13	52.01	51.96	52.31	52.73	---	---	---
16	52.18	52.16	52.32	---	52.06	52.17	52.01	52.33	52.68	---	---	---
17	52.19	52.16	52.28	---	51.97	52.15	52.09	52.33	52.58	---	---	---
18	52.17	52.28	52.41	---	51.90	52.13	52.17	52.30	52.70	---	---	---
19	52.14	52.30	52.43	---	51.90	52.19	52.17	52.29	52.75	---	---	---
20	52.13	52.25	52.43	---	52.01	52.18	52.11	52.33	52.76	---	---	---
21	52.14	52.30	52.43	---	52.03	52.05	52.12	52.37	52.76	---	---	---
22	52.19	52.40	52.36	---	52.14	52.14	52.15	52.34	52.77	---	---	---
23	52.27	52.38	52.44	---	52.16	52.17	52.16	52.29	52.77	---	---	---
24	52.26	52.31	52.42	---	52.15	52.13	52.16	52.25	52.77	---	---	---
25	52.21	52.30	52.42	52.08	52.10	52.10	52.19	52.32	52.74	---	---	---
26	52.20	52.27	52.35	52.14	52.11	52.10	52.14	52.34	52.77	---	---	---
27	52.21	52.31	52.36	52.09	52.08	52.15	52.11	52.38	52.79	---	---	---
28	52.15	52.35	52.28	52.04	51.93	52.16	52.11	52.44	52.76	---	---	---
29	52.10	52.35	52.15	52.06	---	52.18	52.13	52.49	52.73	---	---	---
30	52.11	52.37	52.18	52.13	---	52.23	52.08	52.52	---	---	---	---
31	52.11	---	52.31	52.17	---	52.19	---	52.51	---	---	---	---
MEAN	52.11	52.26	52.36	52.20	52.02	52.14	52.10	52.26	52.68	---	---	---
MAX	52.27	52.40	52.45	52.36	52.16	52.34	52.20	52.52	52.79	---	---	---
MIN	51.91	52.07	52.15	52.04	51.88	51.97	51.94	52.07	52.49	---	---	---

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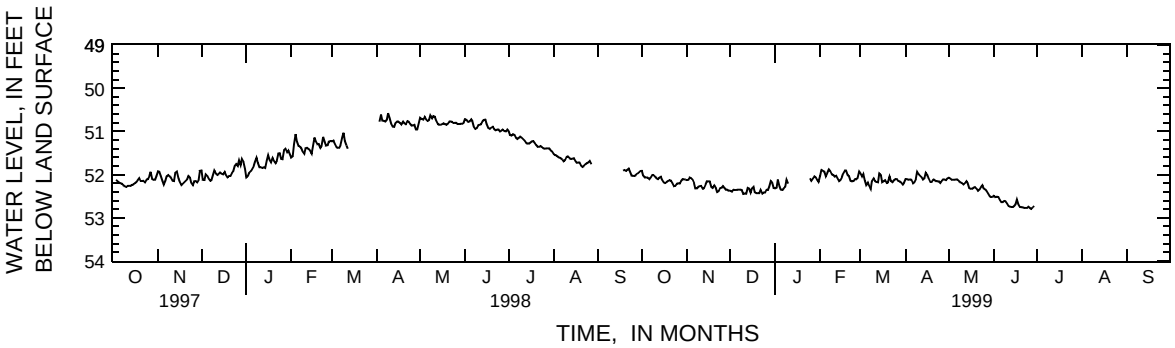


BARNWELL COUNTY

WELL NUMBER.--331902081242804. Local number, BW-367.

LOCATION.--Lat 33°19′02′′, long 81°24′28′′, Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 255 ft, 4 in from 206 to 285, depth 285 ft, cased to 285 ft, screened interval 270-280 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

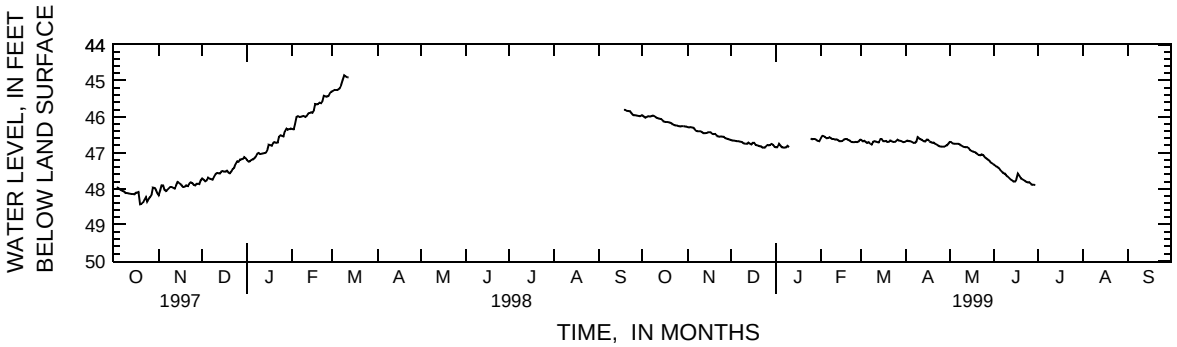
DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Opening in casing, 1.94 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 43.64 ft below land-surface datum, May 21 - 24, 1993; lowest, 48.43 ft below land-surface datum, Oct. 19, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45.96	46.29	46.65	46.85	46.59	46.65	46.67	46.70	47.34	---	---	---
2	46.00	46.30	46.66	46.85	46.53	46.68	46.66	46.71	47.38	---	---	---
3	46.02	46.29	46.66	46.76	46.54	46.66	46.68	46.74	47.40	---	---	---
4	46.00	46.30	46.67	46.81	46.56	46.70	46.68	46.75	47.43	---	---	---
5	45.99	46.31	46.68	46.85	46.60	46.73	46.70	46.76	47.48	---	---	---
6	46.00	46.35	46.68	46.86	46.59	46.71	46.73	46.75	47.53	---	---	---
7	45.99	46.40	46.69	46.86	46.57	46.74	46.73	46.75	47.57	---	---	---
8	45.97	46.41	46.70	46.85	46.59	46.77	46.69	46.77	47.58	---	---	---
9	45.98	46.41	46.71	46.81	46.62	46.70	46.57	46.80	47.62	---	---	---
10	46.01	46.41	46.74	46.84	46.62	46.68	46.60	46.82	47.66	---	---	---
11	46.04	46.42	46.75	---	46.64	46.69	46.63	46.84	47.70	---	---	---
12	46.05	46.46	46.76	---	46.63	46.71	46.65	46.85	47.74	---	---	---
13	46.06	46.46	46.72	---	46.65	46.72	46.68	46.84	47.77	---	---	---
14	46.07	46.45	46.74	---	46.68	46.62	46.69	46.87	47.80	---	---	---
15	46.10	46.43	46.77	---	46.68	46.62	46.64	46.92	47.80	---	---	---
16	46.14	46.43	46.73	---	46.67	46.68	46.64	46.95	47.75	---	---	---
17	46.15	46.43	46.73	---	46.64	46.68	46.68	46.97	47.58	---	---	---
18	46.15	46.48	46.78	---	46.62	46.67	46.71	46.98	47.64	---	---	---
19	46.16	46.49	46.80	---	46.62	46.70	46.73	46.99	47.70	---	---	---
20	46.17	46.48	46.81	---	46.65	46.70	46.72	47.03	47.73	---	---	---
21	46.18	46.51	46.82	---	46.66	46.66	46.75	47.06	47.76	---	---	---
22	46.21	46.55	46.82	---	46.70	46.68	46.77	47.07	47.78	---	---	---
23	46.24	46.56	46.86	---	46.71	46.70	46.80	47.05	47.81	---	---	---
24	46.25	46.55	46.86	---	46.71	46.70	46.82	47.06	47.83	---	---	---
25	46.25	46.56	46.83	46.60	46.70	46.68	46.83	47.11	47.82	---	---	---
26	46.26	46.56	46.79	46.63	46.71	46.64	46.83	47.14	47.86	---	---	---
27	46.27	46.59	46.80	46.62	46.69	46.66	46.83	47.17	47.89	---	---	---
28	46.26	46.61	46.79	46.62	46.64	46.67	46.81	47.21	47.89	---	---	---
29	46.26	46.62	46.76	46.64	---	46.68	46.80	47.25	47.90	---	---	---
30	46.27	46.64	46.78	46.67	---	46.71	46.74	47.29	---	---	---	---
31	46.28	---	46.83	46.68	---	46.70	---	47.31	---	---	---	---
MEAN	46.12	46.46	46.75	46.75	46.64	46.69	46.72	46.95	47.68	---	---	---
MAX	46.28	46.64	46.86	46.86	46.71	46.77	46.83	47.31	47.90	---	---	---
MIN	45.96	46.29	46.65	46.60	46.53	46.62	46.57	46.70	47.34	---	---	---



WELL NUMBER.--331901081242703. Local number, BW-368.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 414 ft, 4 in from 385 to 443, depth 443 ft, cased to 443 ft, screened interval 428-438 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 264.88 ft above sea level. Measuring point: Opening in casing, 2.17 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 53.13 ft below land-surface datum, May 21, 1993; lowest, 56.30 ft below land-surface datum, Jun. 27, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55.19	55.41	55.61	55.62	55.29	55.24	55.27	55.20	55.80	---	---	---
2	55.26	55.40	55.62	55.61	55.19	55.28	55.26	55.22	55.83	---	---	---
3	55.29	55.37	55.60	55.49	55.20	55.25	55.28	55.26	55.84	---	---	---
4	55.28	55.37	55.61	55.57	55.21	55.33	55.28	55.27	55.85	---	---	---
5	55.27	55.39	55.61	55.61	55.28	55.39	55.29	55.28	55.91	---	---	---
6	55.29	55.44	55.60	55.63	55.25	55.35	55.34	55.27	55.95	---	---	---
7	55.28	55.52	55.60	55.61	55.20	55.40	55.32	55.27	55.97	---	---	---
8	55.24	55.53	55.61	55.58	55.21	55.45	55.26	55.30	55.97	---	---	---
9	55.25	55.51	55.62	55.50	55.25	55.34	55.13	55.33	55.99	---	---	---
10	55.28	55.51	55.67	55.53	55.27	55.31	55.17	55.35	56.03	---	---	---
11	55.31	55.51	55.67	---	55.29	55.33	55.19	55.38	56.07	---	---	---
12	55.32	55.55	55.68	---	55.27	55.35	55.22	55.37	56.09	---	---	---
13	55.31	55.55	55.60	---	55.30	55.36	55.25	55.35	56.12	---	---	---
14	55.30	55.51	55.62	---	55.35	55.22	55.24	55.38	56.14	---	---	---
15	55.35	55.46	55.68	---	55.35	55.24	55.17	55.45	56.14	---	---	---
16	55.39	55.46	55.61	---	55.31	55.32	55.19	55.48	56.09	---	---	---
17	55.40	55.45	55.59	---	55.25	55.32	55.24	55.50	55.94	---	---	---
18	55.39	55.51	55.66	---	55.21	55.30	55.28	55.50	56.05	---	---	---
19	55.38	55.52	55.67	---	55.20	55.33	55.29	55.50	56.11	---	---	---
20	55.37	55.50	55.68	---	55.26	55.33	55.27	55.54	56.15	---	---	---
21	55.38	55.53	55.68	---	55.27	55.26	55.28	55.58	56.18	---	---	---
22	55.41	55.59	55.65	---	55.33	55.30	55.30	55.57	56.21	---	---	---
23	55.45	55.59	55.70	---	55.35	55.33	55.31	55.55	56.24	---	---	---
24	55.45	55.55	55.69	---	55.34	55.31	55.31	55.54	56.25	---	---	---
25	55.43	55.56	55.67	55.32	55.32	55.28	55.32	55.60	56.24	---	---	---
26	55.43	55.55	55.62	55.36	55.33	55.25	55.30	55.62	56.27	---	---	---
27	55.44	55.57	55.63	55.35	55.31	55.29	55.28	55.65	56.30	---	---	---
28	55.41	55.59	55.59	55.32	55.23	55.29	55.27	55.70	56.29	---	---	---
29	55.39	55.60	55.52	55.33	---	55.31	55.27	55.74	56.29	---	---	---
30	55.40	55.60	55.53	55.37	---	55.35	55.22	55.78	---	---	---	---
31	55.39	---	55.60	55.39	---	55.33	---	55.79	---	---	---	---
MEAN	55.35	55.51	55.63	55.48	55.27	55.31	55.26	55.46	56.08	---	---	---
MAX	55.45	55.60	55.70	55.63	55.35	55.45	55.34	55.79	56.30	---	---	---
MIN	55.19	55.37	55.52	55.32	55.19	55.22	55.13	55.20	55.80	---	---	---

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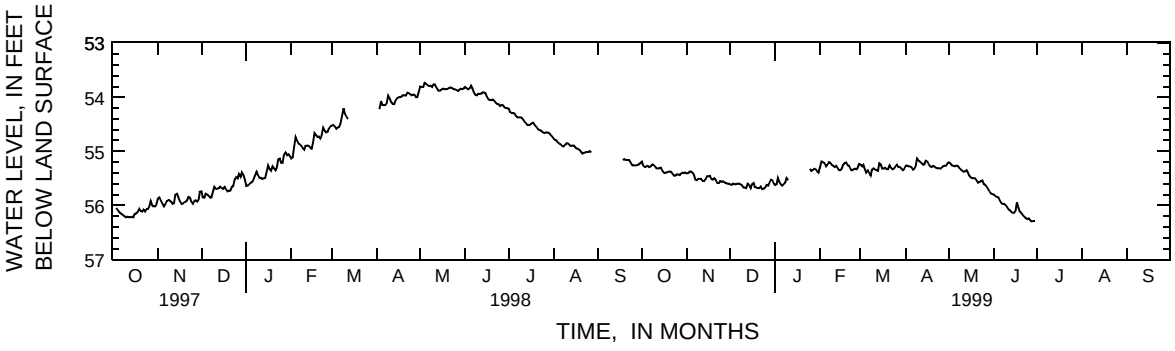


BEAUFORT COUNTY

WELL NUMBER.--321005080442705. Local number, BFT-101.

LOCATION.--Lat 32°10'05'', long 80°44'27'', Hydrologic Unit 03050208, 300 ft west of U.S. Highway 278, approximately 1.5 mi northeast of Sea Pines Circle, Hilton Head. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 470 ft, cased to 129 ft, open hole 129 to 470 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 13.80 ft above sea level. Measuring point: Opening in casing, 1.8 ft above land-surface datum.

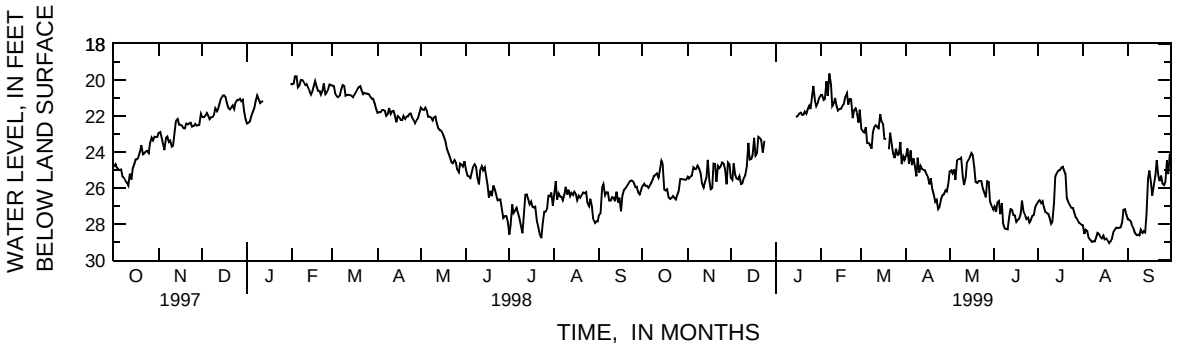
REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 30.42 ft below land-surface datum, July 11, 12, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.88	25.37	25.43	---	20.84	22.72	24.19	25.06	27.04	26.77	28.06	27.75
2	25.76	25.48	25.56	---	20.84	22.85	23.80	25.01	27.31	26.68	28.55	27.76
3	25.87	25.34	24.64	---	21.10	22.92	24.65	25.18	26.80	26.84	28.31	27.84
4	25.87	25.32	25.29	---	21.04	22.62	23.90	24.97	26.71	26.71	28.38	28.10
5	25.99	24.87	25.47	---	20.07	23.50	24.73	25.54	27.45	27.03	28.75	28.28
6	25.82	24.95	25.52	---	20.89	23.52	24.35	24.47	26.84	27.33	28.89	28.52
7	25.73	24.93	25.35	---	19.64	23.60	24.74	24.40	27.98	27.38	28.99	28.62
8	25.53	24.76	25.78	---	20.22	23.82	25.35	24.38	28.24	27.43	28.95	28.58
9	25.33	24.91	25.73	---	21.43	22.92	24.32	24.31	28.27	27.64	28.98	28.63
10	25.26	25.20	25.41	---	21.27	22.60	25.13	25.37	28.30	27.97	28.80	28.32
11	25.19	25.74	25.29	---	20.99	22.51	24.77	25.82	27.60	27.85	28.49	28.50
12	25.41	25.97	24.80	---	21.49	22.62	24.95	25.41	27.17	26.84	28.55	28.39
13	25.05	25.69	23.50	---	21.70	22.68	24.99	24.57	27.20	25.37	28.73	28.46
14	24.48	25.41	24.42	---	21.60	21.89	25.03	24.40	27.49	25.16	28.80	27.48
15	24.68	24.43	24.38	22.06	21.59	22.30	25.25	24.27	27.54	25.03	28.64	25.46
16	26.07	25.57	24.20	21.99	21.42	22.47	25.40	24.07	27.87	25.01	28.85	25.03
17	26.13	26.05	23.21	21.86	21.34	23.27	25.80	24.18	27.74	24.86	28.79	25.68
18	26.06	25.99	24.19	21.81	20.90	23.28	25.46	24.87	27.71	24.82	28.94	26.41
19	26.53	24.66	24.05	21.93	20.71	---	26.08	25.66	27.42	25.01	29.06	25.85
20	26.61	24.68	23.15	21.92	21.37	23.85	26.34	25.71	26.69	25.24	28.94	25.28
21	26.53	25.65	23.24	21.76	21.06	22.93	26.75	25.61	27.33	26.55	28.79	24.46
22	26.45	24.77	23.33	21.87	21.08	23.57	26.65	25.60	27.54	26.81	28.40	25.32
23	26.55	24.89	24.04	21.65	22.12	24.06	27.16	25.61	27.71	26.94	28.30	25.61
24	26.64	24.76	23.37	21.44	21.69	24.34	27.05	26.05	27.64	27.11	28.19	25.32
25	26.38	24.58	---	21.62	21.58	23.81	26.63	26.26	27.90	27.11	28.23	25.76
26	26.18	24.65	---	20.89	21.81	24.15	26.38	26.52	27.76	27.33	28.21	25.84
27	25.51	24.93	---	20.34	22.36	24.12	26.34	25.63	27.56	27.63	28.20	25.66
28	25.50	25.80	---	21.14	21.65	23.44	26.13	25.67	27.47	27.73	27.91	24.46
29	25.52	24.60	---	21.46	---	24.67	26.20	26.72	27.09	27.90	27.22	25.22
30	25.54	24.70	---	21.26	---	24.24	25.72	27.01	26.87	27.96	27.17	24.09
31	25.54	---	---	20.99	---	24.44	---	27.20	---	28.05	27.46	---
MEAN	25.79	25.16	24.56	21.53	21.21	23.32	25.47	25.34	27.47	26.71	28.47	26.69
MAX	26.64	26.05	25.78	22.06	22.36	24.67	27.16	27.20	28.30	28.05	29.06	28.63
MIN	24.48	24.43	23.15	20.34	19.64	21.89	23.80	24.07	26.69	24.82	27.17	24.09



BEAUFORT COUNTY

WELL NUMBER.--321551080491003. Local number, BFT-429.

LOCATION.--Lat 32°15'51'', long 80°49'10'', Hydrologic Unit 03050208, 1.6 mi northwest on County Road 744, 2 mi southwest of Foot Point Plantation at Victoria Bluff, and 7.7 mi southeast on U.S. Highway 278 from intersection with State Highway 170. Owner: South Carolina Wildlife and Marine Resources Department.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 22.0 ft above sea level. Measuring point: Top of casing, 1.85 ft above land-surface datum.

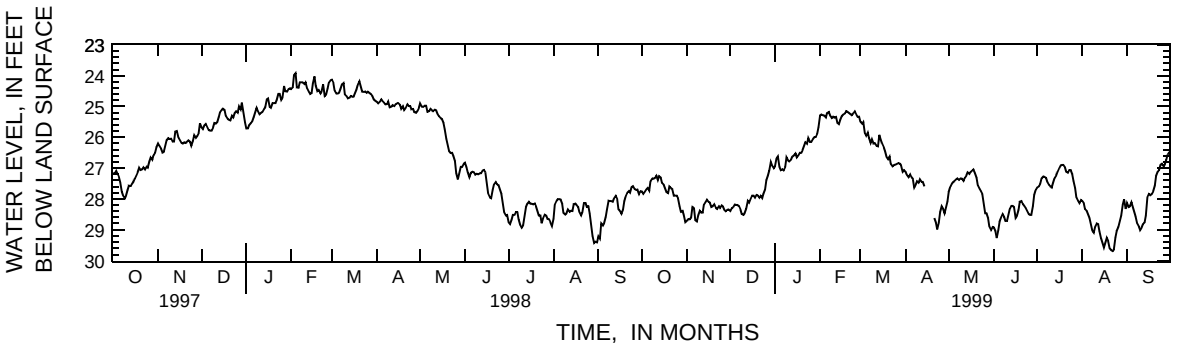
REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in District files.

PERIOD OF RECORD.--August 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.71 ft below land-surface datum, Sep. 10, 1971; lowest, 29.69 ft below land-surface datum, Aug. 22, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.76	28.71	28.39	26.94	25.29	25.50	27.11	27.77	28.92	27.62	28.06	28.13
2	27.83	28.65	28.29	26.67	25.26	25.56	27.22	27.59	29.04	27.59	28.13	28.25
3	27.76	28.66	28.27	26.60	25.29	25.50	27.29	27.51	29.26	27.50	28.33	28.23
4	27.69	28.60	28.17	26.96	25.30	25.87	27.20	27.44	29.00	27.33	28.38	28.11
5	27.65	28.26	28.19	27.06	25.36	25.95	27.29	27.42	28.73	27.27	28.49	28.25
6	27.74	28.30	28.19	27.03	25.20	25.84	27.35	27.36	28.58	27.28	28.62	28.43
7	27.42	28.68	28.22	27.07	25.17	26.03	27.62	27.33	28.49	27.31	28.80	28.57
8	27.33	28.72	28.34	26.96	25.31	26.18	27.53	27.38	28.58	27.44	29.03	28.80
9	27.34	28.54	28.48	26.65	25.38	26.07	27.43	27.33	28.71	27.54	29.09	28.89
10	27.31	28.39	28.51	26.75	25.33	26.20	27.47	27.34	28.71	27.58	28.88	29.00
11	27.24	28.44	28.46	26.78	25.36	26.19	27.37	27.42	28.53	27.62	28.79	28.92
12	27.38	28.44	28.32	26.73	25.34	26.28	27.44	27.31	28.31	27.48	28.81	28.82
13	27.26	28.17	28.07	26.63	25.53	26.30	27.45	27.24	28.22	27.31	29.05	28.77
14	27.30	28.09	28.12	26.59	25.57	25.92	27.59	27.14	28.22	27.23	29.27	28.54
15	27.48	28.02	27.99	26.52	25.44	26.10	---	27.19	28.26	27.12	29.41	27.93
16	27.53	28.09	27.90	26.65	25.31	26.21	---	27.11	28.61	27.00	29.58	27.83
17	27.64	28.11	27.90	26.57	25.26	26.32	---	27.09	28.55	26.92	29.44	27.87
18	27.78	28.25	27.96	26.50	25.23	26.45	---	27.04	28.36	26.90	29.26	27.84
19	27.81	28.23	27.86	26.50	25.16	26.65	---	27.16	28.09	26.90	29.35	27.75
20	27.59	28.17	27.88	26.42	25.18	26.71	---	27.31	28.07	26.97	29.61	27.57
21	27.65	28.29	27.95	26.28	25.20	26.62	28.62	27.56	28.16	27.11	29.65	27.25
22	27.67	28.32	27.90	26.16	25.25	26.87	28.77	27.66	28.22	27.15	29.69	27.11
23	27.89	28.24	27.98	26.21	25.28	26.94	28.98	27.74	28.29	27.06	29.63	27.07
24	27.89	28.28	27.83	26.03	25.22	26.90	28.77	27.84	28.39	27.06	29.24	26.89
25	27.90	28.21	27.70	26.15	25.16	26.89	28.43	28.12	28.47	27.20	29.03	26.85
26	27.98	28.23	27.39	26.15	25.27	26.85	28.24	28.46	28.52	27.41	28.91	26.94
27	28.23	28.36	27.24	26.06	25.34	26.84	28.31	28.46	28.51	27.64	28.74	26.88
28	28.41	28.40	27.08	25.99	25.33	26.85	28.46	28.62	28.24	27.95	28.53	26.72
29	28.38	28.35	26.81	25.99	---	26.91	28.30	28.90	27.87	28.06	28.17	26.56
30	28.52	28.34	26.92	25.88	---	27.11	28.08	29.00	27.70	28.13	28.00	26.47
31	28.75	---	27.00	25.67	---	27.06	---	28.90	---	28.03	28.32	---
MEAN	27.75	28.35	27.91	26.49	25.30	26.38	27.85	27.67	28.45	27.38	28.91	27.84
MAX	28.75	28.72	28.51	27.07	25.57	27.11	28.98	29.00	29.26	28.13	29.69	29.00
MIN	27.24	28.02	26.81	25.67	25.16	25.50	27.11	27.04	27.70	26.90	28.00	26.47



BEAUFORT COUNTY

WELL NUMBER.-- 321603080432202. Local number, BFT-1810.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, on Hilton Head Plantation on Hilton Head Island. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 105 ft, open hole from 105 to 202 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval and USGS mini-monitor.

DATUM.--Land-surface datum is 14 ft above sea level. Measuring point: Top of casing, .80 ft above land-surface datum.

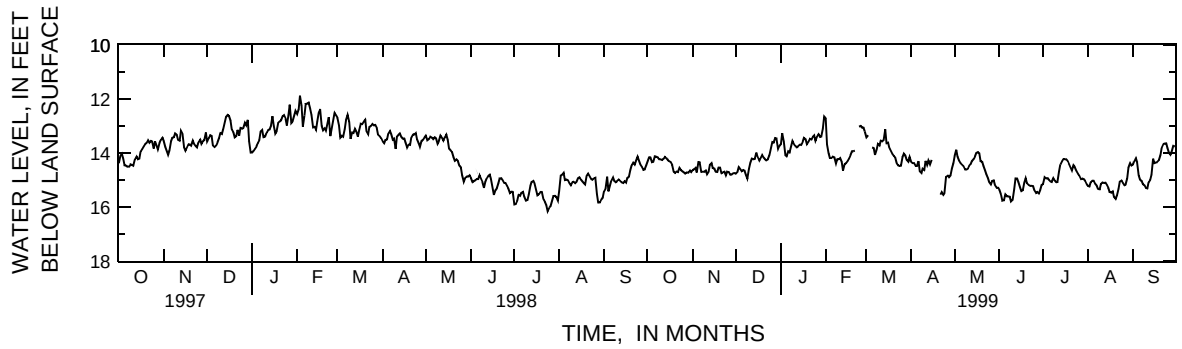
REMARKS.--Water level affected by tidal fluctuations.

PERIOD OF RECORD.--September 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.41 ft below land-surface datum, June 6, 1991; lowest, 16.54 ft below land-surface datum, July 4, 1993.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.33	14.62	14.77	13.66	12.73	13.41	14.32	14.10	15.37	15.15	15.22	14.42
2	14.16	14.61	14.71	13.26	13.68	13.34	14.38	13.88	15.55	14.90	15.24	14.31
3	14.16	14.56	14.53	13.57	14.01	---	14.37	14.14	15.76	14.94	15.09	14.19
4	14.34	14.72	14.60	14.08	14.18	---	14.48	14.29	15.75	14.93	15.03	14.34
5	14.32	14.34	14.67	14.11	14.19	13.80	14.49	14.38	15.53	14.99	15.03	14.82
6	14.13	14.34	14.62	13.94	14.14	13.82	14.31	14.44	15.61	15.05	15.15	14.98
7	14.14	14.69	14.65	13.97	14.17	14.07	14.68	14.48	15.61	15.07	15.22	15.03
8	14.17	14.69	14.82	13.74	14.39	13.88	14.74	14.61	15.62	14.93	15.33	15.14
9	14.24	14.69	14.95	13.56	14.23	13.66	14.58	14.61	15.80	15.01	15.35	15.19
10	14.24	14.64	14.59	13.69	14.23	13.72	14.62	14.57	15.74	15.09	15.14	15.29
11	14.25	14.78	14.37	13.74	14.18	13.55	14.29	14.47	15.34	15.07	15.09	15.31
12	14.21	14.68	14.21	13.78	14.32	13.57	14.45	14.41	14.94	14.68	15.11	15.08
13	14.14	14.44	14.23	13.75	14.65	13.52	14.28	14.29	14.95	14.42	15.10	14.99
14	14.20	14.38	14.22	13.69	14.41	13.12	14.42	14.22	15.07	14.31	15.17	14.80
15	14.25	14.55	13.98	13.70	14.38	13.64	14.26	14.14	15.26	14.22	15.28	14.21
16	14.31	14.57	14.15	13.58	14.29	13.61	---	13.99	15.41	14.23	15.45	14.38
17	14.33	14.70	14.28	13.44	14.21	13.82	---	13.96	15.37	14.24	15.46	14.35
18	14.44	14.71	14.19	13.49	14.09	13.93	---	14.00	15.12	14.31	15.42	14.32
19	14.70	14.54	14.07	13.67	13.94	14.03	---	14.30	14.93	14.41	15.63	14.27
20	14.74	14.54	14.16	13.57	13.93	14.12	---	14.33	15.12	14.56	15.70	14.08
21	14.68	14.74	14.23	13.48	13.92	14.16	15.54	14.48	15.18	14.66	15.57	13.80
22	14.71	14.71	14.27	13.50	---	14.39	15.45	14.65	15.21	14.46	15.32	13.67
23	14.55	14.68	14.24	13.40	---	14.46	15.55	14.79	15.22	14.52	15.05	13.65
24	14.63	14.83	14.08	13.35	13.03	14.49	15.48	14.93	15.23	14.66	15.02	13.64
25	14.67	14.69	13.86	13.55	13.00	14.47	14.88	15.09	15.38	14.77	15.10	13.82
26	14.71	14.71	13.59	13.38	13.06	14.15	14.84	15.17	15.48	14.84	15.19	14.01
27	14.76	14.80	13.61	13.29	13.06	14.03	14.89	15.04	15.45	14.96	15.17	14.07
28	14.72	14.80	13.45	13.40	13.20	14.10	14.83	15.02	15.50	14.94	14.94	13.91
29	14.73	14.75	13.46	13.39	---	14.25	14.59	15.19	15.38	14.96	14.54	13.74
30	14.65	14.74	13.84	13.09	---	14.32	14.37	15.29	15.17	15.03	14.37	13.76
31	14.71	---	13.73	12.66	---	14.15	---	15.29	---	15.16	14.46	---
MEAN	14.43	14.64	14.23	13.56	13.91	13.92	14.68	14.53	15.37	14.76	15.16	14.39
MAX	14.76	14.83	14.95	14.11	14.65	14.49	15.55	15.29	15.80	15.16	15.70	15.31
MIN	14.13	14.34	13.45	12.66	12.73	13.12	14.26	13.88	14.93	14.22	14.37	13.64



WELL NUMBER.--321603080432202. Local number, BFT-1810.--Continued

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: February 1987 to September 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 200 FEET: February 1987 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 920 microsiemens, Apr. 14, 1988; minimum, 330 microsiemens, Aug. 9, 1990.

SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 5,720 microsiemens, June 25, 1994; minimum, 440 microsiemens, Dec. 11, 1987.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,840 microsiemens, many days Jul., Aug., Sep. 1999; minimum, 1590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,840 microsiemens, many days Jul., Aug., Sep.; minimum, 9,250 microsiemens, Oct. 2, 3, 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9380	9260	9310	9400	9300	9340	9480	9350	9400	9540	9400	9460
2	9350	9250	9290	9420	9290	9350	9490	9350	9410	9530	9390	9450
3	9350	9250	9290	9430	9290	9350	9490	9350	9410	9560	9410	9480
4	9370	9260	9300	9450	9310	9360	9500	9350	9420	9550	9410	9480
5	9380	9260	9310	9440	9300	9360	9490	9350	9410	9530	9410	9460
6	9390	9260	9310	9450	9300	9370	9480	9350	9410	9520	9400	9450
7	9380	9250	9310	9430	9310	9360	9480	9360	9410	9520	9410	9460
8	9400	9260	9320	9420	9310	9360	9470	9360	9410	9510	9420	9460
9	9390	9270	9320	9420	9320	9360	9460	9370	9410	9520	9420	9460
10	9390	9270	9320	9410	9320	9360	9450	9370	9400	9500	9430	9460
11	9380	9270	9310	9420	9330	9360	9440	9380	9400	9510	9420	9460
12	9360	9270	9310	9410	9330	9360	9460	9370	9400	9550	9410	9470
13	9350	9270	9300	9410	9320	9360	9480	9380	9420	9540	9400	9460
14	9350	9270	9300	9410	9330	9360	9480	9380	9410	9540	9420	9470
15	9350	9280	9310	9410	9330	9360	9450	9370	9410	9560	9420	9480
16	9350	9270	9300	9430	9320	9370	9480	9380	9420	9560	9410	9470
17	9350	9280	9310	9450	9330	9370	9490	9380	9430	9560	9400	9470
18	9370	9280	9310	9430	9330	9370	9480	9380	9430	9580	9420	9480
19	9370	9280	9310	9430	9330	9370	9490	9380	9430	9580	9410	9480
20	9370	9290	9320	9440	9330	9380	9500	9390	9440	9570	9400	9480
21	9380	9290	9320	9440	9340	9380	9500	9390	9440	9570	9410	9480
22	---	---	---	9420	9330	9370	9510	9390	9440	9580	9410	9480
23	---	---	---	9430	9330	9380	9480	9380	9430	9610	9420	9480
24	9370	9290	9320	9420	9340	9380	9500	9390	9430	9580	9420	9490
25	9370	9290	9320	9420	9340	9370	9480	9390	9430	9560	9420	9480
26	9360	9290	9320	9440	9350	9380	9500	9390	9430	9550	9420	9470
27	9360	9290	9320	9440	9350	9390	9520	9400	9440	9590	9400	9480
28	9350	9290	9320	9450	9340	9380	9520	9400	9440	9590	9410	9490
29	9370	9290	9330	9460	9350	9380	9520	9400	9440	9590	9410	9480
30	9400	9300	9330	9460	9350	9390	9540	9400	9450	9570	9390	9470
31	9400	9290	9330	---	---	---	9530	9390	9450	9560	9390	9470
MONTH	9400	9250	9310	9460	9290	9370	9540	9350	9420	9610	9390	9470

WELL NUMBER.--321603080432202. Local number, BFT-1810.--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9580	9400	9480	---	---	---	---	---	---	9740	9630	9670
2	---	---	---	---	---	---	---	---	---	9730	9620	9670
3	---	---	---	---	---	---	---	---	---	9730	9620	9660
4	9580	9420	9490	---	---	---	---	---	---	9730	9620	9660
5	9560	9420	9480	---	---	---	---	---	---	9710	9610	9650
6	9540	9420	9470	---	---	---	9690	9600	9640	9710	9610	9660
7	9540	9420	9470	---	---	---	9700	9600	9640	9720	9610	9660
8	9530	9430	9470	---	---	---	9710	9610	9640	9720	9620	9660
9	9510	9420	9460	---	---	---	9700	9610	9640	9720	9620	9660
10	9510	9420	9460	---	---	---	9700	9600	9640	9730	9620	9660
11	9530	9410	9460	---	---	---	9710	9600	9640	9720	9620	9650
12	9580	9420	9470	---	---	---	9730	9600	9650	9740	9620	9660
13	9580	9420	9480	---	---	---	9730	9600	9650	9750	9630	9670
14	9560	9400	9460	---	---	---	9740	9600	9650	9770	9620	9680
15	9580	9400	9470	---	---	---	9740	9590	9650	9770	9630	9690
16	9580	9400	9480	---	---	---	9760	9600	9670	9770	9630	9690
17	9580	9380	9480	---	---	---	9760	9600	9670	9770	9630	9680
18	9590	9400	9480	---	---	---	9760	9610	9670	9760	9640	9680
19	9590	9400	9480	---	---	---	9750	9610	9660	9760	9630	9680
20	9560	9400	9470	---	---	---	9740	9600	9650	9760	9630	9680
21	9570	9400	9470	---	---	---	9720	9600	9640	9750	9620	9680
22	---	---	---	---	---	---	9710	9600	9640	9730	9630	9670
23	---	---	---	---	---	---	9700	9600	9630	9740	9630	9670
24	---	---	---	---	---	---	9690	9600	9630	9730	9640	9670
25	---	---	---	---	---	---	9700	9600	9630	9720	9640	9670
26	---	---	---	---	---	---	9710	9600	9640	9730	9630	9670
27	---	---	---	---	---	---	9710	9600	9640	9750	9640	9680
28	---	---	---	---	---	---	9710	9600	9640	9740	9650	9680
29	---	---	---	---	---	---	9720	9620	9650	9750	9650	9680
30	---	---	---	---	---	---	9730	9620	9660	9740	9650	9680
31	---	---	---	---	---	---	---	---	---	9740	9650	9680
MONTH	9590	9380	9470	---	---	---	9760	9590	9650	9770	9610	9670

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9730	9640	9670	9800	9680	9720	9810	9690	9740	9810	9700	9740
2	9730	9650	9670	9780	9680	9720	9810	9700	9740	9790	9690	9730
3	9730	9640	9670	9780	9680	9720	9800	9700	9740	9780	9680	9720
4	9740	9640	9680	9780	9680	9720	9790	9690	9730	9800	9690	9720
5	9720	9640	9670	9780	9680	9720	9820	9700	9740	9780	9670	9720
6	9720	9640	9670	9790	9680	9720	9820	9690	9740	9790	9680	9730
7	9720	9640	9670	9790	9690	9730	9810	9690	9740	9800	9690	9730
8	9720	9630	9670	9820	9690	9740	9830	9700	9750	9800	9690	9730
9	9730	9640	9670	9820	9690	9740	9840	9710	9750	9790	9690	9720
10	9770	9640	9680	9820	9690	9740	9830	9710	9750	9790	9690	9720
11	9770	9650	9690	9830	9700	9750	9830	9700	9750	9790	9690	9720
12	9770	9650	9690	9840	9700	9750	9830	9700	9750	9780	9690	9720
13	9790	9650	9700	9840	9710	9760	9830	9700	9750	9780	9690	9730
14	9790	9650	9700	9840	9710	9760	9830	9700	9750	9760	9690	9720
15	9790	9660	9700	9840	9720	9760	9810	9700	9740	9810	9700	9740
16	9790	9650	9700	9840	9720	9760	9810	9700	9740	9810	9710	9750
17	9780	9660	9700	9840	9720	9760	9790	9700	9730	9790	9700	9740
18	9760	9670	9700	9840	9720	9760	9790	9690	9730	9780	9700	9740
19	9740	9660	9700	9840	9720	9780	9780	9690	9730	9800	9710	9740
20	9760	9670	9700	9830	9720	9760	9780	9690	9730	9800	9710	9750
21	9740	9670	9700	9800	9720	9750	9780	9700	9730	9800	9700	9740
22	9740	9660	9690	9810	9710	9750	9790	9700	9730	9810	9710	9760
23	9740	9660	9690	9800	9710	9750	9790	9700	9730	9840	9710	9760
24	9740	9670	9690	9800	9710	9740	9790	9690	9730	9840	9710	9760
25	9750	9670	9700	9800	9710	9750	9800	9690	9730	9840	9710	9760
26	9760	9670	9700	9810	9710	9750	9800	9700	9740	9840	9710	9760
27	9770	9680	9710	9820	9700	9740	9810	9700	9740	9840	9700	9760
28	9770	9690	9720	9810	9700	9740	9820	9690	9740	9840	9710	9760
29	9790	9690	9730	9810	9700	9750	9800	9700	9740	9830	9710	9760
30	9800	9690	9730	9820	9700	9740	9800	9700	9740	9830	9700	9760
31	---	---	---	9820	9710	9740	9820	9700	9740	---	---	---
MONTH	9800	9630	9690	9840	9680	9740	9840	9690	9740	9840	9670	9740
YEAR	9840	9250	9570									

BEAUFORT COUNTY

WELL NUMBER.-- 321358080403802. Local number, BFT-1814.

LOCATION.--Lat 32°13'58'', long 80°40'38'', Hydrologic Unit 03050208, at Ft. Walker, Port Royal Plantation, on Hilton Head Island. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 210 ft, cased to 120 ft, open hole from 120 to 210 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 12 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

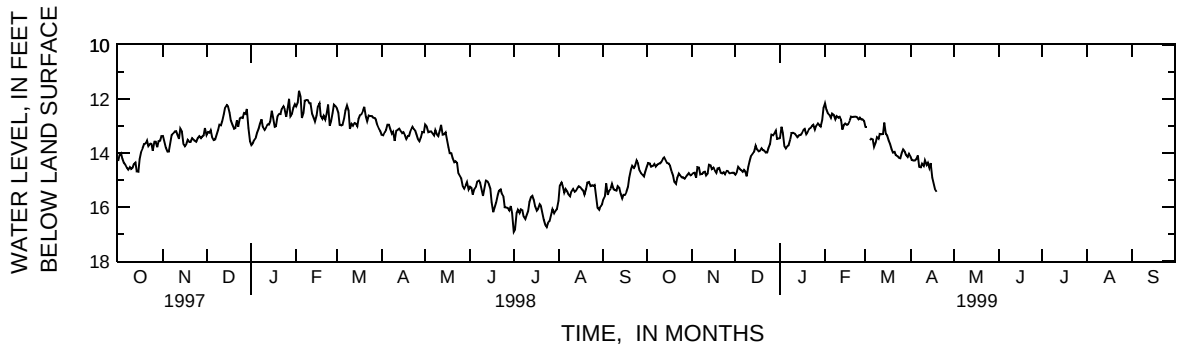
REMARKS.--Water level affected by pumping.

PERIOD OF RECORD.--October 1986 to April 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.21 ft below land-surface datum, Feb. 7, 1993; lowest, 16.91 ft below land-surface datum, Jul. 1, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.51	14.80	14.80	13.44	12.16	13.03	14.14	---	---	---	---	---
2	14.37	14.74	14.71	13.02	12.38	13.02	14.25	---	---	---	---	---
3	14.39	14.73	14.52	13.25	12.54	---	14.28	---	---	---	---	---
4	14.51	14.91	14.59	13.76	12.58	13.53	14.28	---	---	---	---	---
5	14.49	14.53	14.63	13.83	12.70	13.48	14.23	---	---	---	---	---
6	14.40	14.54	14.69	13.73	12.54	13.50	14.09	---	---	---	---	---
7	14.50	14.79	14.63	13.71	12.59	13.77	14.50	---	---	---	---	---
8	14.43	14.78	14.69	13.50	12.75	13.62	14.53	---	---	---	---	---
9	14.40	14.72	14.86	13.26	12.63	13.41	14.40	---	---	---	---	---
10	14.39	14.69	14.50	13.25	12.69	13.48	14.49	---	---	---	---	---
11	14.32	14.83	14.31	13.28	12.65	13.29	14.27	---	---	---	---	---
12	14.21	14.75	14.09	13.35	12.78	13.31	14.43	---	---	---	---	---
13	14.16	14.44	14.01	13.42	13.13	13.29	14.35	---	---	---	---	---
14	14.28	14.46	13.96	13.35	12.95	12.87	14.55	---	---	---	---	---
15	14.37	14.59	13.74	13.33	12.91	13.29	14.38	---	---	---	---	---
16	14.39	14.54	13.87	13.28	12.95	13.36	14.91	---	---	---	---	---
17	14.46	14.65	13.93	13.14	12.93	13.54	15.11	---	---	---	---	---
18	14.67	14.74	13.92	13.11	12.80	13.67	15.36	---	---	---	---	---
19	14.84	14.57	13.82	13.30	12.66	13.87	15.43	---	---	---	---	---
20	15.07	14.56	13.89	13.22	12.67	13.98	---	---	---	---	---	---
21	15.14	14.73	13.92	13.09	12.65	13.96	---	---	---	---	---	---
22	14.92	14.76	13.98	13.07	12.66	14.08	---	---	---	---	---	---
23	14.77	14.71	13.98	12.99	12.67	14.12	---	---	---	---	---	---
24	14.83	14.79	13.82	12.96	12.75	14.18	---	---	---	---	---	---
25	14.91	14.66	13.66	13.13	12.69	14.20	---	---	---	---	---	---
26	14.90	14.67	13.32	12.99	12.76	13.98	---	---	---	---	---	---
27	14.95	14.75	13.35	12.91	12.75	13.87	---	---	---	---	---	---
28	14.87	14.74	13.28	12.97	12.81	13.95	---	---	---	---	---	---
29	14.81	14.73	13.15	13.02	---	14.08	---	---	---	---	---	---
30	14.74	14.73	13.47	12.78	---	14.15	---	---	---	---	---	---
31	14.82	---	13.46	12.34	---	14.03	---	---	---	---	---	---
MEAN	14.61	14.69	14.05	13.22	12.70	13.66	14.53	---	---	---	---	---
MAX	15.14	14.91	14.86	13.83	13.13	14.20	15.43	---	---	---	---	---
MIN	14.16	14.44	13.15	12.34	12.16	12.87	14.09	---	---	---	---	---



BERKELEY COUNTY

WELL NUMBER.--331022080021801. Local number, BRK-431.

LOCATION.--Lat 33°10'22'', long 80°02'17'', Hydrologic Unit 03050201, Near Moncks Corner, S C. in Conifer Hall Subdivision at the end of Resinwood Dr, approximately 100 yds from Hwy 17A. Owner: Berkeley County Water and Sewer Authority.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation test well, diameter 5 inches from the surface to 1419 ft, 3 inches from 1419 to 1704 ft, depth 1704 ft, screened intervals 1602 to 1607 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 67 ft above sea level. Measuring point: Top of casing, 3.80 ft above land-surface datum.

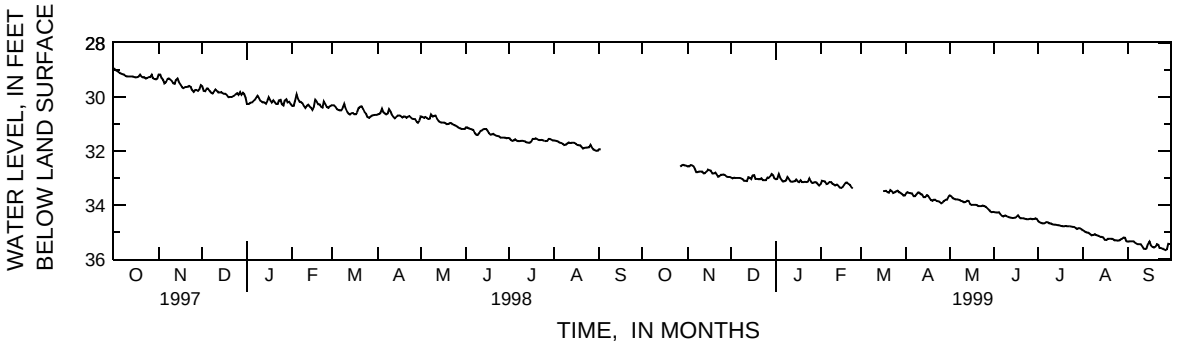
REMARKS.--Flowing well in 1982. Geophysical logs available in U.S. Geological Survey District files.

PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sep. 15, 1989; lowest 35.68 ft below land-surface datum, Sep. 27, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	32.58	32.99	33.06	33.24	---	33.57	33.65	34.28	34.60	34.94	35.37
2	---	32.58	33.02	33.04	33.11	---	33.53	33.69	34.29	34.64	34.98	35.36
3	---	32.54	33.00	32.87	33.13	---	33.57	33.76	34.29	34.67	35.02	35.35
4	---	32.54	33.01	33.02	33.14	---	33.58	33.78	34.28	34.69	35.03	35.36
5	---	32.57	33.01	33.10	33.24	---	33.58	33.80	34.35	34.69	35.04	35.36
6	---	32.66	33.01	33.14	33.22	---	33.69	33.81	34.41	34.66	35.08	35.40
7	---	32.80	33.01	33.13	33.16	---	33.69	33.82	34.43	34.64	35.13	35.44
8	---	32.80	33.02	33.10	33.16	---	33.62	33.83	34.40	34.66	35.12	35.46
9	---	32.78	33.04	32.98	33.23	---	33.54	33.87	34.41	34.69	35.09	35.46
10	---	32.78	33.11	33.06	33.25	---	33.56	33.88	34.44	34.70	35.12	35.47
11	---	32.78	33.11	33.14	33.28	---	33.61	33.91	34.47	34.73	35.14	35.55
12	---	32.84	33.13	33.15	33.25	---	33.63	33.90	34.48	34.74	35.16	35.63
13	---	32.83	32.99	33.14	33.28	---	33.72	33.85	34.49	34.74	35.19	35.64
14	---	32.77	33.00	33.13	33.37	---	33.72	33.87	34.49	34.75	35.19	35.62
15	---	32.71	33.05	33.07	33.38	---	33.64	33.97	34.48	34.77	35.21	35.44
16	---	32.73	32.92	33.14	33.34	33.50	33.66	34.00	34.46	34.77	35.30	35.35
17	---	32.74	32.91	33.16	33.27	33.50	33.76	34.01	34.40	34.79	35.31	35.51
18	---	32.85	33.04	33.10	33.19	33.48	33.83	34.01	34.46	34.80	35.26	35.56
19	---	32.85	33.05	33.16	33.18	33.53	33.85	34.01	34.50	34.80	35.27	35.58
20	---	32.81	33.06	33.16	33.23	33.56	33.82	34.02	34.50	34.79	35.26	35.55
21	---	32.87	33.06	33.15	33.26	33.45	33.82	34.06	34.50	34.80	35.26	35.47
22	---	32.96	33.02	33.17	33.35	33.50	33.86	34.06	34.53	34.80	35.29	35.49
23	---	32.95	33.10	33.15	33.40	33.57	33.88	34.06	34.54	34.80	35.32	35.60
24	---	32.89	33.10	33.03	---	33.55	33.89	34.03	34.54	34.81	35.32	35.61
25	---	32.89	33.09	33.13	---	33.51	33.95	34.06	34.53	34.82	35.33	35.63
26	---	32.88	32.99	33.20	---	33.49	33.91	34.08	34.52	34.83	35.32	35.66
27	32.59	32.91	33.01	33.19	---	33.55	33.85	34.12	34.54	34.86	35.28	35.68
28	32.55	32.96	32.95	33.16	---	33.56	33.82	34.19	34.53	34.89	35.26	35.64
29	32.52	32.97	32.86	33.18	---	33.59	33.82	34.24	34.51	34.88	35.21	35.44
30	32.55	32.98	32.90	33.25	---	33.66	33.70	34.28	34.53	34.88	35.23	35.44
31	32.55	---	33.03	33.30	---	33.66	---	34.27	---	34.91	35.35	---
MEAN	32.55	32.79	33.02	33.12	33.25	33.54	33.72	33.96	34.45	34.76	35.19	35.50
MAX	32.59	32.98	33.13	33.30	33.40	33.66	33.95	34.28	34.54	34.91	35.35	35.68
MIN	32.52	32.54	32.86	32.87	33.11	33.45	33.53	33.65	34.28	34.60	34.94	35.35



WELL NUMBER.--324729079472001. Local number, CHN-14.

LOCATION.--Lat 32°47'29'', long 79°55'43'', Hydrologic Unit 03050202, Charleston, S C, 100 ft west of Concord St. and 50 ft south of Charlotte St. Owner: City of Charleston, SC.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled production well, diameter 6 inches, cased to 1887 ft, total depth 2007 ft, cased to 1887 ft, open hole from 1887 to 2007 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 7.5 ft above sea level. Measuring point: Top of casing, 2.00 ft above land-surface datum.

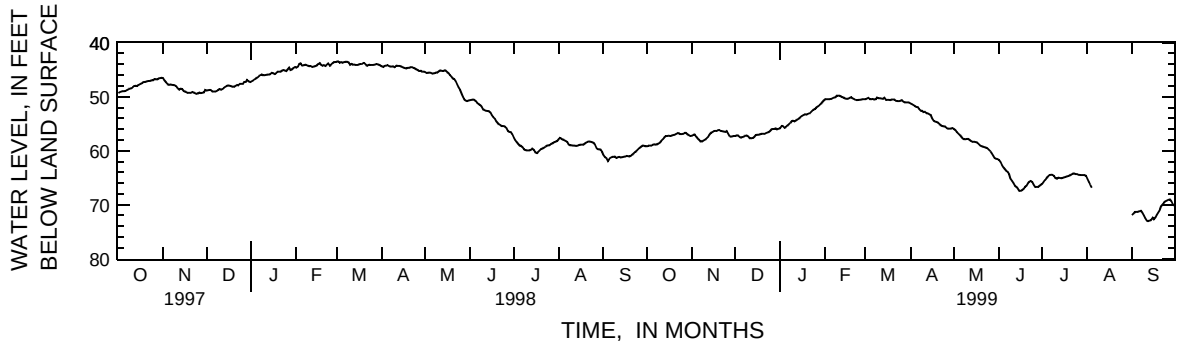
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.81 ft below land-surface datum, June 5, 1991; lowest 73.02 ft below land-surface datum, Sep. 12, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.15	57.24	57.29	55.80	50.46	50.46	51.24	55.92	61.70	66.12	65.16	71.94
2	59.07	57.03	57.18	55.39	50.45	50.29	51.37	56.17	62.10	65.69	65.76	71.64
3	59.05	57.01	57.19	55.47	50.48	50.22	51.54	56.54	62.62	65.37	66.28	71.34
4	59.04	57.40	57.48	55.75	50.44	50.50	51.72	56.83	63.06	65.01	66.81	71.31
5	58.93	57.69	57.57	55.60	50.40	50.44	51.87	57.08	63.41	64.75	---	71.32
6	58.85	57.97	57.48	55.32	50.26	50.41	51.95	57.40	63.76	64.52	---	71.22
7	58.89	58.31	57.34	55.16	50.17	50.54	52.35	57.71	63.89	64.45	---	71.11
8	58.85	58.30	57.22	54.86	50.12	50.45	52.62	57.87	64.34	64.46	---	71.42
9	58.68	58.13	57.19	54.53	49.84	50.22	52.62	57.87	65.16	64.63	---	71.96
10	58.45	57.91	57.34	54.45	49.81	50.26	52.82	57.83	65.61	65.03	---	72.47
11	58.18	57.82	57.70	54.54	49.82	50.26	52.81	57.81	65.95	65.18	---	72.95
12	57.89	57.54	57.71	54.38	49.92	50.35	53.09	57.99	66.44	64.99	---	73.02
13	57.53	57.09	57.64	54.20	50.10	50.40	53.10	58.23	66.64	65.05	---	72.96
14	57.32	56.79	57.45	54.00	50.17	50.18	53.28	58.33	67.01	65.12	---	72.81
15	57.29	56.61	57.15	53.80	50.36	50.60	53.36	58.39	67.41	65.06	---	72.44
16	57.26	56.40	57.05	53.59	50.41	50.58	54.10	58.41	67.41	64.93	---	72.69
17	57.29	56.35	57.04	53.39	50.35	50.61	54.42	58.49	67.32	64.84	---	72.33
18	57.20	56.31	57.00	53.27	50.20	50.63	54.63	58.75	67.06	64.76	---	71.84
19	57.09	56.21	56.84	53.30	50.07	50.57	54.70	59.03	66.69	64.68	---	71.41
20	57.02	56.19	56.87	53.18	50.26	50.57	54.81	59.15	66.44	64.61	---	70.91
21	56.87	56.36	56.84	53.09	50.42	50.52	55.03	59.25	66.07	64.43	---	70.31
22	56.75	56.41	56.79	52.97	50.59	50.78	55.26	59.34	65.70	64.25	---	69.92
23	56.78	56.45	56.63	52.69	50.63	50.84	55.44	59.44	65.59	64.25	---	69.57
24	56.93	56.51	56.56	52.44	50.60	50.81	55.55	59.56	65.78	64.31	---	69.29
25	56.97	56.36	56.35	52.32	50.58	50.77	55.55	59.76	66.23	64.35	---	69.18
26	56.84	56.75	56.02	52.01	50.52	50.68	55.80	60.06	66.72	64.47	---	69.10
27	56.72	57.28	56.00	51.77	50.46	50.91	55.94	60.41	66.75	64.53	---	69.02
28	56.69	57.41	55.95	51.64	50.45	51.06	55.93	60.90	66.69	64.54	---	69.36
29	56.94	57.36	55.87	51.37	---	51.11	55.94	61.31	66.55	64.50	---	69.92
30	57.15	57.29	56.05	51.02	---	51.11	55.83	61.48	66.29	64.51	---	70.21
31	57.33	---	55.93	50.74	---	51.07	---	61.56	---	64.65	---	---
MEAN	57.71	57.08	56.93	53.61	50.30	50.59	53.82	58.67	65.55	64.78	66.00	71.17
MAX	59.15	58.31	57.71	55.80	50.63	51.11	55.94	61.56	67.41	66.12	66.81	73.02
MIN	56.69	56.19	55.87	50.74	49.81	50.18	51.24	55.92	61.70	64.25	65.16	69.02



CHARLESTON COUNTY

WELL NUMBER.--324741080041400. Local number, CHN-44.

LOCATION.--Lat 32°47'41'', long 80°04'14'', Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Highway 17 at elevated water tank, 0.6 mi west of Branch Creek, southwest of North Charleston. Owner: U.S. Department of Agriculture.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing interval unknown.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 9.4 ft above sea level. Measuring point: Top of casing, 0.65 ft above land-surface datum.

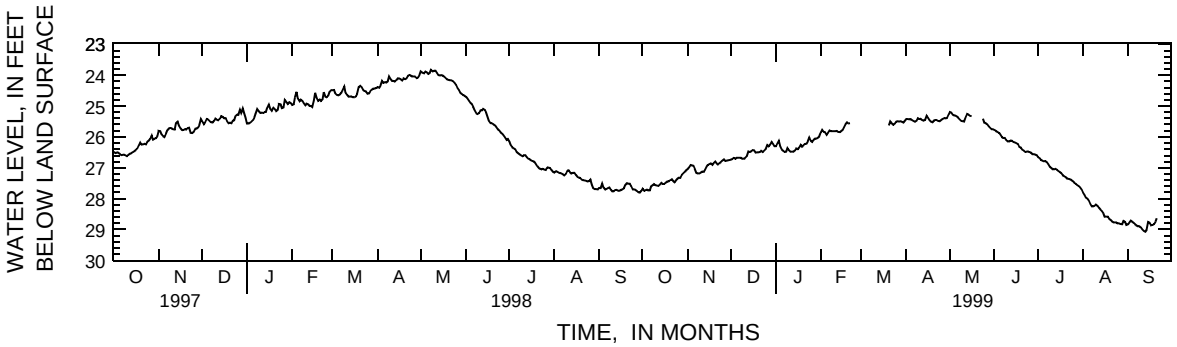
REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 29.07 ft below land-surface datum, Sep. 13, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.67	27.04	26.74	26.30	25.85	---	25.42	25.19	25.77	26.65	27.79	28.83
2	27.74	26.99	26.72	26.21	25.76	---	25.42	25.21	25.80	26.69	27.88	28.77
3	27.72	26.91	26.68	26.11	25.83	---	25.43	25.28	25.83	26.75	27.96	28.71
4	27.70	26.92	26.70	26.32	25.85	---	25.42	25.30	25.87	26.77	27.99	28.74
5	27.73	26.94	26.68	26.41	25.93	---	25.45	25.31	25.92	26.79	28.05	28.78
6	27.73	27.03	26.68	26.45	25.86	---	25.48	25.34	26.00	26.78	28.17	28.82
7	27.60	27.16	26.67	26.49	25.79	---	25.51	25.39	26.03	26.81	28.25	28.87
8	27.56	27.18	26.67	26.48	25.81	---	25.47	25.44	26.03	26.88	28.25	28.89
9	27.53	27.18	26.70	26.36	25.82	---	25.39	25.48	26.09	26.95	28.23	28.90
10	27.57	27.15	26.71	26.44	25.81	---	25.42	25.49	26.14	27.00	28.19	28.93
11	27.58	27.12	26.67	26.48	25.82	---	25.41	25.51	26.15	27.05	28.23	29.00
12	27.59	27.13	26.63	26.48	25.80	---	25.45	25.35	26.12	27.05	28.29	29.04
13	27.54	27.06	26.47	26.48	25.84	---	25.47	25.26	26.13	27.03	28.36	29.07
14	27.48	26.96	26.49	26.44	25.85	---	25.45	25.28	26.17	27.06	28.40	29.02
15	27.53	26.90	26.47	26.37	25.81	---	25.32	25.32	26.18	27.10	28.47	28.75
16	27.53	26.87	26.43	26.39	25.77	---	25.38	25.33	26.20	27.13	28.59	28.77
17	27.48	26.85	26.44	26.35	25.69	---	25.46	---	26.23	27.16	28.59	28.87
18	27.44	26.90	26.51	26.25	25.58	---	25.51	---	26.32	27.23	28.59	28.85
19	27.44	26.85	26.50	26.31	25.52	---	25.52	---	26.34	27.26	28.65	28.82
20	27.40	26.80	26.50	26.27	25.57	25.63	25.47	---	26.41	27.30	28.69	28.75
21	27.37	26.85	26.49	26.23	25.56	25.50	25.45	---	26.44	27.35	28.74	28.64
22	27.42	26.89	26.45	26.22	---	25.57	25.45	---	26.49	27.36	28.77	---
23	27.46	26.85	26.49	26.16	---	25.61	25.48	---	26.48	27.37	28.77	---
24	27.41	26.81	26.44	26.02	---	25.57	25.49	25.41	26.47	27.39	28.77	---
25	27.35	26.77	26.40	26.12	---	25.51	25.45	25.54	26.49	27.43	28.80	---
26	27.32	26.73	26.26	26.16	---	25.49	25.41	25.56	26.51	27.48	28.80	---
27	27.33	26.78	26.30	26.10	---	25.50	25.39	25.59	26.56	27.52	28.82	---
28	27.24	26.77	26.24	26.05	---	25.49	25.40	25.66	26.56	27.56	28.83	---
29	27.18	26.76	26.16	26.05	---	25.50	25.39	25.70	26.57	27.59	28.72	---
30	27.13	26.75	26.23	26.02	---	25.54	25.28	25.75	26.59	27.63	28.75	---
31	27.08	---	26.30	25.99	---	25.48	---	25.75	---	27.70	28.85	---
MEAN	27.48	26.93	26.51	26.27	25.77	25.53	25.43	25.43	26.23	27.16	28.46	28.85
MAX	27.74	27.18	26.74	26.49	25.93	25.63	25.52	25.75	26.59	27.70	28.85	29.07
MIN	27.08	26.73	26.16	25.99	25.52	25.48	25.28	25.19	25.77	26.65	27.79	28.64



WELL NUMBER.--330247079340300. Local number, CHN-101.

LOCATION.--Lat 33°02′47′′, long 79°34′03′′, Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Highway 913 and U.S. Highway junction, 200 ft south of U.S. 17, near McClellanville. Owner: U.S. Forest Service.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 22 ft above sea level. Measuring point: Top of casing, 0.40 ft above land-surface datum.

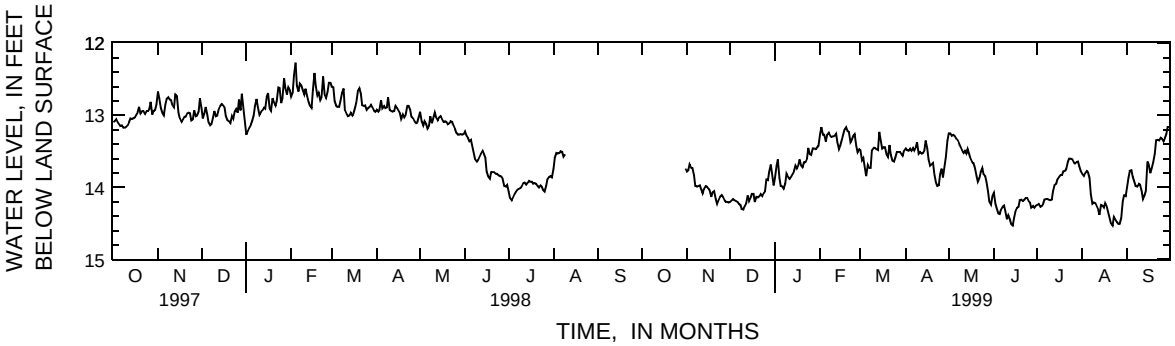
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

PERIOD OF RECORD.--February 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.27 ft below land-surface datum, Feb. 4, 1998; lowest, 18.97 ft below land-surface datum, June 13, 1985.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	13.78	14.20	13.87	13.26	13.48	13.46	13.25	14.07	14.24	13.81	14.00
2	---	13.76	14.18	13.70	13.16	13.62	13.48	13.25	14.23	14.23	13.84	13.86
3	---	13.68	14.16	13.61	13.27	13.59	13.49	13.28	14.29	14.27	13.80	13.77
4	---	13.73	14.18	13.87	13.27	13.73	13.46	13.27	14.36	14.26	13.77	13.76
5	---	13.73	14.19	13.98	13.36	13.84	13.49	13.28	14.37	14.23	13.79	13.85
6	---	13.83	14.20	13.99	13.27	13.69	13.45	13.32	14.30	14.17	13.87	13.92
7	---	13.98	14.23	14.02	13.24	13.73	13.49	13.34	14.27	14.16	14.09	13.98
8	---	13.99	14.24	13.95	13.29	13.73	13.44	13.39	14.25	14.16	14.23	13.99
9	---	13.98	14.30	13.81	13.30	13.48	13.37	13.44	14.33	14.17	14.21	13.95
10	---	13.97	14.31	13.86	13.29	13.45	13.53	13.48	14.44	14.18	14.22	13.96
11	---	14.02	14.26	13.88	13.28	13.45	13.51	13.52	14.39	14.17	14.26	14.05
12	---	14.08	14.22	13.85	13.25	13.47	13.53	13.49	14.44	14.05	14.31	14.16
13	---	14.02	14.11	13.82	13.37	13.48	13.52	13.53	14.51	13.96	14.38	14.11
14	---	13.98	14.19	13.78	13.47	13.23	13.48	13.47	14.53	13.95	14.24	14.05
15	---	13.99	14.14	13.70	13.42	13.36	13.35	13.54	14.43	13.88	14.25	13.64
16	---	14.02	14.09	13.74	13.34	13.46	13.46	13.60	14.32	13.85	14.28	13.68
17	---	14.04	14.09	13.69	13.27	13.44	13.61	13.65	14.28	13.83	14.22	13.80
18	---	14.13	14.20	13.61	13.19	13.44	13.70	13.66	14.27	13.83	14.27	13.74
19	---	14.07	14.13	13.70	13.16	13.55	13.68	13.73	14.18	13.78	14.34	13.65
20	---	14.05	14.14	13.72	13.22	13.58	13.66	13.84	14.17	13.77	14.43	13.53
21	---	14.16	14.12	13.65	13.23	13.41	13.81	13.92	14.19	13.75	14.50	13.35
22	---	14.23	14.09	13.65	13.37	13.55	13.93	13.87	14.17	13.65	14.53	13.34
23	---	14.17	14.12	13.60	13.34	13.63	13.98	13.79	14.15	13.60	14.41	13.35
24	---	14.13	14.08	13.45	13.28	13.64	13.97	13.73	14.15	13.60	14.45	13.31
25	---	14.11	14.05	13.54	13.26	13.59	13.82	13.82	14.19	13.61	14.48	13.32
26	---	14.13	13.89	13.55	13.42	13.51	13.74	13.84	14.21	13.65	14.51	13.36
27	---	14.18	13.90	13.46	13.51	13.51	13.86	13.92	14.28	13.67	14.51	13.32
28	---	14.20	13.78	13.46	13.47	13.51	13.70	14.06	14.26	13.65	14.43	13.26
29	---	14.20	13.68	13.47	---	13.53	13.58	14.20	14.28	13.64	14.19	13.16
30	---	14.21	13.81	13.44	---	13.56	13.35	14.24	14.25	13.71	14.11	13.16
31	13.74	---	13.97	13.42	---	13.49	---	14.11	---	13.78	14.12	---
MEAN	13.74	14.02	14.10	13.70	13.31	13.54	13.60	13.64	14.29	13.92	14.22	13.68
MAX	13.74	14.23	14.31	14.02	13.51	13.84	13.98	14.24	14.53	14.27	14.53	14.16
MIN	13.74	13.68	13.68	13.42	13.16	13.23	13.35	13.25	14.07	13.60	13.77	13.16



CHEROKEE COUNTY

WELL NUMBER.--350918081263408. Local number, CRK-74.

LOCATION.--Lat 35°09'18'', long 81°26'34'', Hydrologic Unit 03050105, Blacksburg, 244 Wendy Drive, right of driveway. Owner: Paul Clayton.

AQUIFER.--Sericite Schist/Late Proterozic Blacksburg Formation of the Kings Mountain Belt.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 265 ft, cased to 99 ft, open hole from 99 to 265 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 825 ft above sea level. Measuring point: Top of casing, 1.30 ft above land-surface datum.

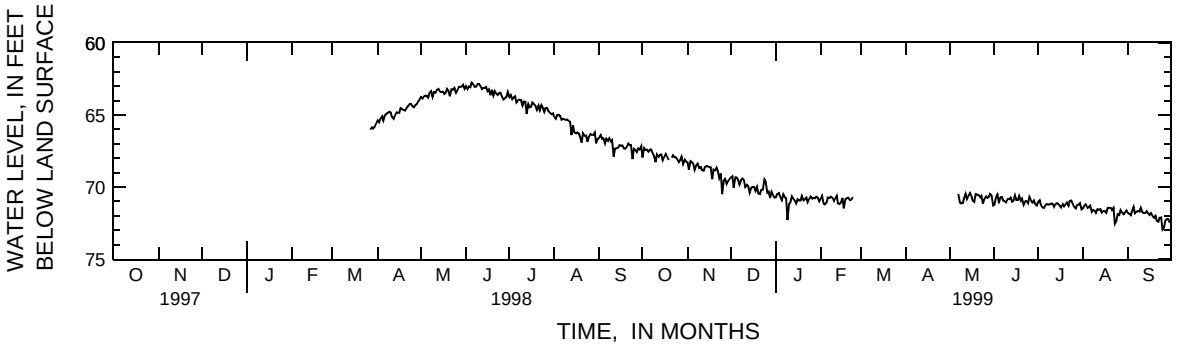
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--March 1998 to current year..

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 62.76 ft below land-surface datum, Jun. 5, 1998; lowest, 72.95ft below land-surface datum, Sep. 25, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67.95	68.29	69.34	70.71	70.78	---	---	---	71.21	71.04	71.47	71.81
2	67.29	68.79	69.26	70.48	70.58	---	---	---	70.67	70.90	71.26	71.84
3	67.43	68.21	70.04	70.41	71.15	---	---	---	70.50	71.25	71.20	71.96
4	67.41	68.27	69.34	70.73	71.20	---	---	---	71.11	71.42	71.45	71.67
5	67.53	68.41	69.34	70.94	71.10	---	---	---	70.71	71.46	71.41	71.37
6	67.38	68.82	69.52	70.52	70.75	---	---	---	70.69	71.25	71.30	71.83
7	67.41	68.50	69.83	70.70	70.76	---	---	70.46	70.95	71.17	71.71	71.72
8	67.68	68.39	69.52	70.77	70.67	---	---	71.06	70.99	71.22	71.58	71.64
9	67.84	68.67	69.40	72.29	70.73	---	---	71.14	71.08	71.20	71.65	71.72
10	68.26	68.60	69.52	71.18	70.98	---	---	71.11	70.83	71.13	71.81	71.44
11	67.75	68.83	69.97	71.06	70.77	---	---	70.77	70.86	71.16	71.54	71.74
12	67.90	68.87	69.84	70.66	70.57	---	---	70.47	70.73	71.37	71.59	71.81
13	67.76	68.62	69.98	70.81	71.14	---	---	70.83	71.00	71.18	71.54	71.81
14	67.73	68.54	70.37	70.96	71.19	---	---	70.57	70.96	71.11	71.78	71.68
15	68.13	68.56	70.05	71.16	71.09	---	---	70.42	70.59	71.16	71.66	71.83
16	67.90	68.63	69.97	70.86	70.76	---	---	70.66	70.89	71.31	71.66	71.95
17	67.70	68.62	70.01	70.95	71.47	---	---	70.95	70.90	71.42	71.81	71.82
18	67.91	69.44	70.27	70.95	70.85	---	---	71.03	70.63	71.17	71.45	71.97
19	68.11	68.79	69.98	70.63	70.76	---	---	70.50	70.94	71.33	71.44	72.15
20	---	68.84	70.45	70.90	70.75	---	---	70.55	70.78	71.19	71.45	71.98
21	67.96	68.66	70.49	70.84	70.90	---	---	70.56	71.23	71.07	71.60	72.35
22	67.78	68.92	70.21	70.74	70.88	---	---	70.71	70.98	71.32	71.42	72.42
23	67.94	69.38	70.19	71.04	70.69	---	---	70.61	70.98	70.96	72.54	72.14
24	67.93	69.07	69.46	70.81	---	---	---	71.16	71.14	70.94	72.30	72.11
25	68.09	70.50	69.63	70.65	---	---	---	70.83	70.69	71.21	71.86	72.95
26	68.27	69.53	70.37	70.81	---	---	---	70.66	70.94	71.39	71.93	72.77
27	68.12	69.42	70.31	70.76	---	---	---	70.76	71.08	71.49	71.61	72.32
28	67.89	69.78	70.76	70.77	---	---	---	70.70	70.92	71.24	71.78	72.22
29	68.40	69.58	70.34	70.68	---	---	---	70.47	71.19	71.23	71.89	72.23
30	68.10	69.42	70.59	70.74	---	---	---	70.58	71.30	71.11	71.75	72.49
31	68.23	---	70.75	70.98	---	---	---	71.28	---	71.54	71.63	---
MEAN	67.86	68.90	69.97	70.85	70.89	---	---	70.75	70.92	71.22	71.65	71.99
MAX	68.40	70.50	70.76	72.29	71.47	---	---	71.28	71.30	71.54	72.54	72.95
MIN	67.29	68.21	69.26	70.41	70.57	---	---	70.42	70.50	70.90	71.20	71.37



WELL NUMBER.--344000081250011. Local number, CTR-21.

LOCATION.--Lat 34°40'27'', long 81°24'55'', Hydrologic Unit 03050106, Northeast of Leeds, Leeds Fire Tower, 85 ft from center of fire tower. Owner: U.S. Forest Service.

AQUIFER.--Paleozoic Metaigeneous Rocks.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 93 ft, cased to 40 ft, open hole from 40 to 93 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 665 ft above sea level. Measuring point: Top of casing, 0.63 ft above land-surface datum.

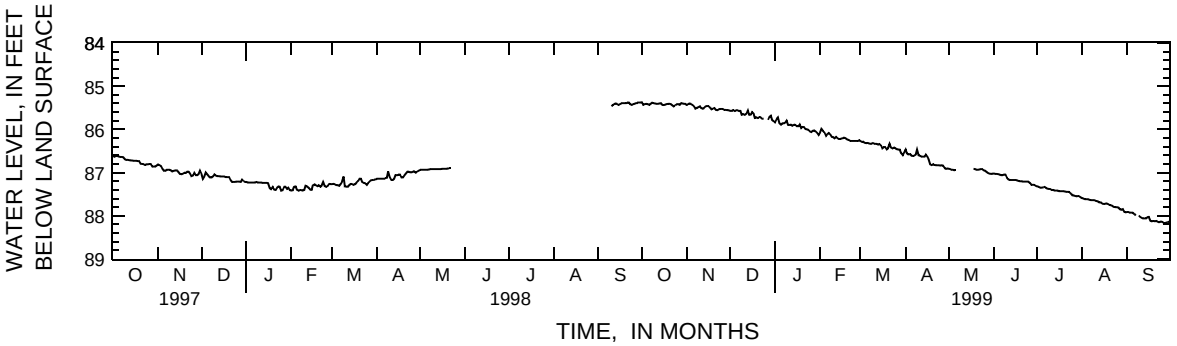
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--January 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 85.24 ft below land-surface datum, Jan. 5, 1994; lowest, 88.57 ft below land-surface datum, Feb. 17, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.37	85.43	85.57	85.84	86.07	86.27	86.46	86.91	87.02	87.32	87.59	87.91
2	85.43	85.41	85.57	85.76	85.99	86.29	86.55	86.92	87.03	87.33	87.60	87.91
3	85.42	85.40	85.55	85.72	86.04	86.28	86.58	86.94	87.03	87.35	87.62	87.93
4	85.41	85.42	85.57	85.86	86.07	86.31	86.57	86.94	87.04	87.35	87.62	87.93
5	85.42	85.43	85.56	85.89	86.15	86.32	86.61	86.95	87.05	87.34	87.62	87.93
6	85.43	85.47	85.56	85.86	86.11	86.31	86.62	86.95	87.06	87.33	87.63	87.96
7	85.41	85.52	85.57	85.86	86.08	86.33	86.60	---	87.06	87.35	87.64	87.99
8	85.38	85.50	85.57	85.84	86.12	86.34	86.58	---	87.05	87.37	87.64	---
9	85.39	85.48	85.66	85.79	86.17	86.32	86.47	---	87.05	87.38	87.64	87.99
10	85.40	85.46	85.65	85.90	86.18	86.32	86.60	---	87.13	87.38	87.65	88.02
11	85.41	85.50	85.66	85.90	86.20	86.34	86.61	---	87.16	87.40	87.66	88.05
12	85.41	85.52	85.64	85.89	86.17	86.34	86.63	---	87.17	87.40	87.67	88.06
13	85.40	85.50	85.56	85.91	86.20	86.35	86.63	---	87.17	87.42	87.69	88.06
14	85.39	85.47	85.66	85.89	86.22	86.34	86.63	---	87.17	87.42	87.69	88.06
15	85.43	85.46	85.66	85.90	86.22	86.37	86.58	---	87.17	87.42	87.72	88.03
16	85.44	85.46	85.59	85.93	86.21	86.44	86.63	---	87.17	87.43	87.73	88.02
17	85.43	85.49	85.63	85.93	86.19	86.41	86.69	---	87.18	87.43	87.72	88.11
18	85.42	85.54	85.74	85.88	86.19	86.41	86.81	86.91	87.19	87.43	87.71	88.13
19	85.41	85.52	85.72	85.97	86.21	86.46	86.82	86.92	87.20	87.43	87.73	88.12
20	85.41	85.50	85.74	85.94	86.24	86.44	86.80	86.94	87.20	87.44	87.75	88.13
21	85.42	85.55	85.71	85.95	86.25	86.34	86.82	86.94	87.21	87.45	87.76	88.12
22	85.44	85.56	85.72	85.99	86.27	86.42	86.83	86.93	87.21	87.45	87.77	88.14
23	85.47	85.54	85.76	86.00	86.27	86.44	86.83	86.92	87.21	87.45	87.79	88.15
24	85.44	85.53	85.75	86.01	86.27	86.42	86.83	86.92	87.21	87.48	87.80	88.14
25	85.42	85.53	---	86.05	86.27	86.43	86.84	86.95	87.21	87.53	87.80	88.14
26	85.42	85.53	---	86.06	86.27	86.46	86.83	86.96	87.24	87.53	87.81	88.16
27	85.43	85.55	85.78	86.03	86.27	86.47	86.84	86.98	87.28	87.54	87.85	88.17
28	85.39	85.55	85.71	86.02	86.25	86.47	86.89	87.01	87.28	87.55	87.86	88.16
29	85.40	85.56	85.68	86.05	---	86.55	86.91	87.02	87.28	87.54	87.85	88.15
30	85.41	85.56	85.78	86.08	---	86.59	86.90	87.03	87.30	87.55	87.90	88.14
31	85.41	---	85.81	86.13	---	86.54	---	87.02	---	87.57	87.92	---
MEAN	85.41	85.50	85.66	85.93	86.18	86.39	86.70	86.95	87.16	87.43	87.72	88.06
MAX	85.47	85.56	85.81	86.13	86.27	86.59	86.91	87.03	87.30	87.57	87.92	88.17
MIN	85.37	85.40	85.55	85.72	85.99	86.27	86.46	86.91	87.02	87.32	87.59	87.91



COLLETON COUNTY

WELL NUMBER.--330256080354500. Local number, COL-97.

LOCATION.--Lat 33°02'51'', long 80°35'52'', Hydrologic Unit 03050208, 1.6 mi southeast of Canadys, at intersection of State Highway 61 and State Road 45. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Lower Floridian.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 342 ft, cased to 134.4 ft, open hole from 134.4 to 342 ft.

INSTRUMENTATION.--Water stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 84 ft above sea level. Measuring point: Top of casing, 1.70 ft above land-surface datum.

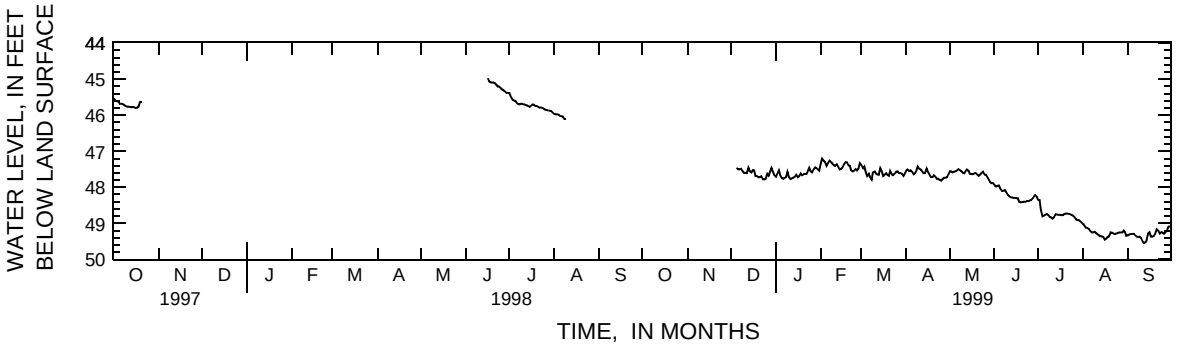
REMARKS.--Original depth, 500 ft. Caliper log, December 1993, depth 343 ft. Measured Jan. 17, 1979, depth 356 ft. Caliper, electric, and gamma logs available in District files.

PERIOD OF RECORD.--August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 36.79 below land-surface datum, May 14, 1978; lowest 49.55 ft below land-surface datum, Sep. 12, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	47.71	47.35	47.39	47.53	47.56	47.94	48.35	49.02	49.34
2	---	---	---	47.62	47.21	47.47	47.51	47.56	47.98	48.36	49.07	49.31
3	---	---	---	47.52	47.27	47.42	47.55	47.59	47.96	48.63	49.12	49.30
4	---	---	---	47.68	47.29	47.59	47.53	47.57	47.95	48.80	49.13	49.30
5	---	---	47.46	47.75	47.40	47.68	47.57	47.56	48.04	48.79	49.15	49.29
6	---	---	47.51	47.76	47.33	47.62	47.64	47.53	48.10	48.76	49.21	49.33
7	---	---	47.51	47.74	47.26	47.72	47.61	47.50	48.10	48.74	49.26	49.37
8	---	---	47.49	47.71	47.30	47.79	47.53	47.52	48.08	48.77	49.26	49.38
9	---	---	47.55	47.58	47.35	47.59	47.43	47.55	48.13	48.82	49.24	49.37
10	---	---	47.60	47.73	47.38	47.56	47.50	47.60	48.21	48.84	49.27	49.40
11	---	---	47.60	47.77	47.41	47.61	47.51	47.61	48.24	48.87	49.30	49.50
12	---	---	47.61	47.75	47.36	47.65	47.56	47.54	48.28	48.83	49.33	49.55
13	---	---	47.46	47.74	47.43	47.66	47.61	47.51	48.29	48.75	49.36	49.53
14	---	---	47.55	47.70	47.51	47.47	47.60	47.54	48.30	48.76	49.36	49.48
15	---	---	47.59	47.65	47.50	47.54	47.49	47.63	48.30	48.77	49.38	49.28
16	---	---	47.52	47.72	47.44	47.68	47.58	47.64	48.31	48.77	49.45	49.25
17	---	---	47.53	47.69	47.36	47.66	47.66	47.64	48.31	48.78	49.43	49.37
18	---	---	47.68	47.61	47.30	47.61	47.72	47.61	48.40	48.78	49.37	49.37
19	---	---	47.69	47.67	47.31	47.66	47.72	47.60	48.42	48.75	49.36	49.35
20	---	---	47.73	47.64	47.39	47.68	47.67	47.65	48.41	48.73	49.26	49.27
21	---	---	47.72	47.63	47.41	47.55	47.70	47.68	48.40	48.73	49.27	49.17
22	---	---	47.69	47.63	47.53	47.64	47.76	47.65	48.40	48.74	49.28	49.21
23	---	---	47.78	47.57	47.56	47.67	47.76	47.60	48.39	48.74	49.30	49.28
24	---	---	47.78	47.46	47.54	47.62	47.79	47.57	48.39	48.77	49.28	49.25
25	---	---	47.76	47.55	47.50	47.57	47.82	47.65	48.37	48.79	49.27	49.26
26	---	---	47.63	47.59	47.53	47.56	47.76	47.66	48.36	48.82	49.26	49.29
27	---	---	47.68	47.51	47.48	47.61	47.74	47.71	48.32	48.88	49.26	49.26
28	---	---	47.57	47.44	47.34	47.60	47.74	47.79	48.25	48.91	49.26	49.21
29	---	---	47.47	47.46	---	47.62	47.73	47.85	48.22	48.91	49.20	49.11
30	---	---	47.58	47.51	---	47.68	47.63	47.89	48.26	48.94	49.26	49.07
31	---	---	47.67	47.54	---	47.62	---	47.89	---	48.98	49.35	---
MEAN	---	---	47.61	47.63	47.39	47.61	47.63	47.63	48.24	48.77	49.27	49.31
MAX	---	---	47.78	47.77	47.56	47.79	47.82	47.89	48.42	48.98	49.45	49.55
MIN	---	---	47.46	47.44	47.21	47.39	47.43	47.50	47.94	48.35	49.02	49.07



WELL NUMBER.--340806079563100. Local number, FLO-85.

LOCATION.--Lat 34°08'06'', long 79°56'31'', Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville. Owner: Town of Timmonsville.

AQUIFER.--Black Creek/Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 535 ft, screened intervals 235-240, 260-270, 410-415, 480-485, 505-515 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 145 ft above sea level. Measuring point: Top of casing, 0.71 ft above land-surface datum.

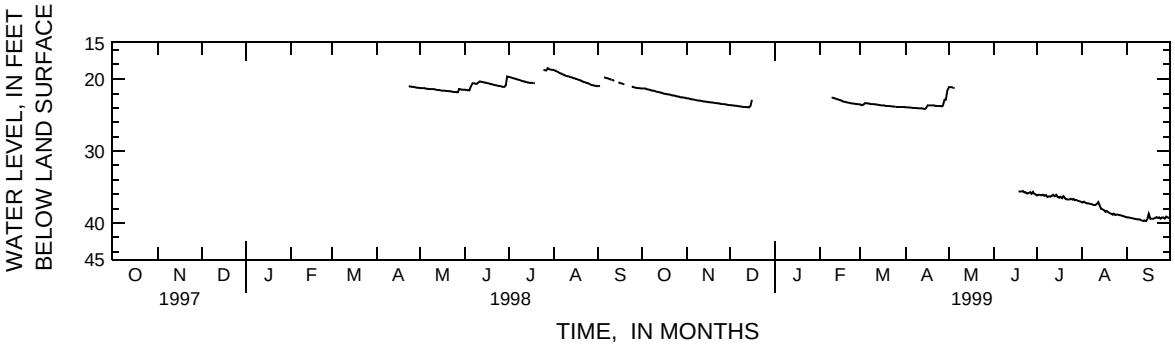
REMARKS.--Geophysical logs available and water-quality data are on file in District office. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 39.73 ft below land-surface datum, Sep. 14, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.31	22.69	23.63	---	---	23.57	23.93	21.13	---	36.17	37.12	39.21
2	21.31	22.71	23.66	---	---	23.61	23.96	21.13	---	36.08	37.01	39.25
3	21.32	22.76	23.69	---	---	23.53	23.97	21.17	---	36.12	37.13	39.29
4	21.36	22.80	23.71	---	---	23.37	23.98	21.22	---	36.16	37.26	39.31
5	21.45	22.83	23.73	---	---	23.38	23.99	21.27	---	36.07	37.28	39.36
6	21.49	22.88	23.76	---	---	23.40	24.02	---	---	36.22	37.32	39.40
7	21.55	22.92	23.79	---	---	23.43	24.03	---	---	36.11	37.38	39.44
8	21.61	22.97	23.81	---	---	23.47	24.04	---	---	36.40	37.41	39.49
9	21.65	23.00	23.85	---	22.60	23.50	24.06	---	---	36.27	37.47	39.51
10	21.70	23.02	23.87	---	22.64	23.52	24.08	---	---	36.34	37.49	39.56
11	21.76	23.06	23.90	---	22.69	23.55	24.09	---	---	36.23	37.36	39.65
12	21.81	23.09	23.92	---	22.74	23.57	24.10	---	---	36.07	37.05	39.72
13	21.85	23.14	23.94	---	22.80	23.60	24.11	---	---	36.25	37.50	39.61
14	21.90	23.17	23.96	---	22.87	23.61	24.14	---	---	36.09	38.00	39.73
15	21.96	23.20	23.69	---	22.94	23.66	24.07	---	---	36.38	38.08	39.39
16	22.01	23.22	22.89	---	23.03	23.67	23.66	---	---	36.47	38.20	38.77
17	22.06	23.25	---	---	23.12	23.70	23.67	---	---	36.36	38.40	39.39
18	22.10	23.27	---	---	23.19	23.72	23.68	---	35.61	36.53	38.36	39.42
19	22.14	23.30	---	---	23.24	23.74	23.68	---	35.65	36.31	38.47	39.41
20	22.18	23.32	---	---	23.28	23.76	23.69	---	35.65	36.57	38.62	39.28
21	22.24	23.36	---	---	23.31	23.78	23.70	---	35.53	36.68	38.71	39.19
22	22.27	23.38	---	---	23.36	23.80	23.74	---	35.76	36.74	38.85	39.30
23	22.31	23.41	---	---	23.39	23.83	23.75	---	35.71	36.75	38.67	39.20
24	22.36	23.43	---	---	23.42	23.85	23.77	---	35.91	36.61	38.86	39.35
25	22.41	23.47	---	---	23.45	23.86	23.78	---	35.83	36.74	38.82	39.24
26	22.45	23.49	---	---	23.49	23.87	23.81	---	35.71	36.65	38.84	39.24
27	22.49	23.52	---	---	23.52	23.87	23.70	---	35.93	36.81	38.93	39.38
28	22.54	23.55	---	---	23.55	23.87	22.89	---	35.66	36.79	38.94	39.09
29	22.56	23.58	---	---	---	23.89	22.87	---	35.96	36.91	39.01	39.24
30	22.60	23.61	---	---	---	23.90	21.50	---	36.03	36.97	39.08	39.31
31	22.64	---	---	---	---	23.91	---	---	---	37.06	39.15	---
MEAN	21.98	23.18	23.74	---	23.13	23.67	23.75	21.18	35.76	36.45	38.09	39.36
MAX	22.64	23.61	23.96	---	23.55	23.91	24.14	21.27	36.03	37.06	39.15	39.73
MIN	21.31	22.69	22.89	---	22.60	23.37	21.50	21.13	35.53	36.07	37.01	38.77



FLORENCE COUNTY

WELL NUMBER.--341144079345001. Local number, FLO-128.

LOCATION.--Lat 34°11'44'', long 79°34'50'', Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site, 430 ft from State Hwy. 76. Owner: E. I. DuPont, de Nemours Co.

AQUIFER.--Middendorf and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 695 ft cased to 690 ft, screened intervals 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 96 ft above sea level. Measuring point: Top of casing, 2.60 ft above land-surface datum.

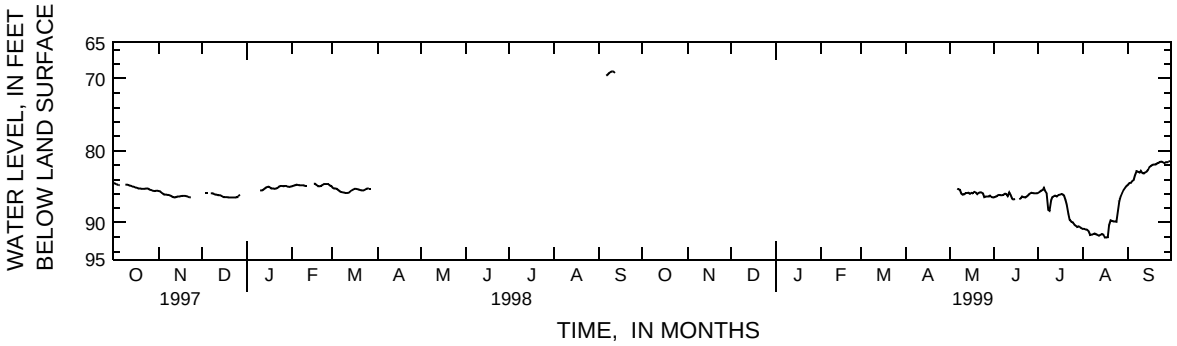
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 92.07 ft below land-surface datum, Aug. 16, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	86.46	85.85	90.84	84.70
2	---	---	---	---	---	---	---	---	86.39	85.72	90.87	84.48
3	---	---	---	---	---	---	---	---	86.22	85.58	90.96	84.46
4	---	---	---	---	---	---	---	---	86.16	85.48	90.99	84.19
5	---	---	---	---	---	---	---	---	86.21	85.14	91.17	84.05
6	---	---	---	---	---	---	---	85.24	86.19	85.67	91.73	83.42
7	---	---	---	---	---	---	---	85.35	86.16	85.93	91.67	82.85
8	---	---	---	---	---	---	---	85.44	85.97	88.20	91.58	82.90
9	---	---	---	---	---	---	---	85.93	86.02	88.34	91.48	83.06
10	---	---	---	---	---	---	---	86.13	86.33	86.91	91.61	82.75
11	---	---	---	---	---	---	---	86.06	85.78	86.41	91.69	83.11
12	---	---	---	---	---	---	---	85.89	86.08	86.28	91.77	83.16
13	---	---	---	---	---	---	---	85.89	86.66	86.23	91.67	82.97
14	---	---	---	---	---	---	---	85.83	86.76	86.35	91.60	82.89
15	---	---	---	---	---	---	---	85.98	86.73	86.18	91.64	82.63
16	---	---	---	---	---	---	---	85.85	---	86.10	92.07	82.25
17	---	---	---	---	---	---	---	85.91	---	86.01	92.06	82.09
18	---	---	---	---	---	---	---	85.73	86.72	86.07	92.01	81.97
19	---	---	---	---	---	---	---	85.78	86.57	86.18	90.35	81.91
20	---	---	---	---	---	---	---	86.07	86.40	86.83	89.66	81.90
21	---	---	---	---	---	---	---	85.89	86.46	87.52	89.75	81.80
22	---	---	---	---	---	---	---	85.78	86.48	88.77	89.82	81.70
23	---	---	---	---	---	---	---	85.78	86.40	89.61	89.85	81.60
24	---	---	---	---	---	---	---	85.94	86.18	89.88	89.89	81.52
25	---	---	---	---	---	---	---	86.46	85.97	89.97	88.62	81.55
26	---	---	---	---	---	---	---	86.38	85.83	90.23	87.02	81.69
27	---	---	---	---	---	---	---	86.35	85.88	90.42	86.36	81.62
28	---	---	---	---	---	---	---	86.35	85.93	90.58	85.86	81.62
29	---	---	---	---	---	---	---	86.23	85.90	90.49	85.46	81.50
30	---	---	---	---	---	---	---	86.47	85.91	90.61	85.14	81.38
31	---	---	---	---	---	---	---	86.50	---	90.80	84.90	---
MEAN	---	---	---	---	---	---	---	85.97	86.24	87.56	90.00	82.59
MAX	---	---	---	---	---	---	---	86.50	86.76	90.80	92.07	84.70
MIN	---	---	---	---	---	---	---	85.24	85.78	85.14	84.90	81.38



GEORGETOWN COUNTY

WELL NUMBER.--332424079171800. Local number, GEO-77.

LOCATION.--Lat 33°24′24′′, long 79°17′18′′, Hydrologic Unit 03040207, 5.0 mi north of Georgetown on U.S. Hwy. 701. Owner: Georgetown Rural Water District.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in from surface to 445 ft, 8 in from 445 ft to 748 ft, depth 748 ft, screened intervals 490-520, 580-660, 720-740 ft, gravel packed.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 22 ft above sea level. Measuring point: Top of casing, 2.10 ft above land-surface datum.

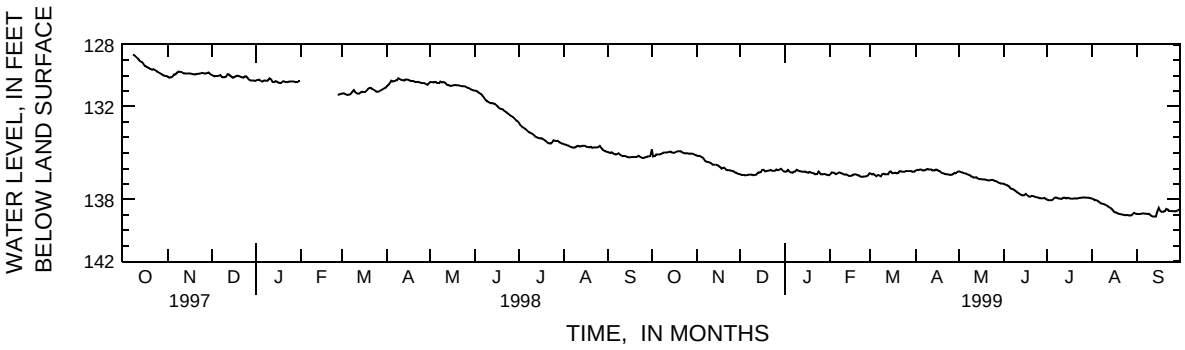
REMARKS.--Driller's log and geophysical logs available in District files.

PERIOD OF RECORD.--June 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 139.13 ft below land-surface datum, Sep. 12, 13, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	134.76	135.17	136.38	136.22	136.38	136.33	136.14	136.20	137.00	138.02	137.96	138.95
2	135.22	135.19	136.42	136.19	136.25	136.39	136.10	136.22	137.05	138.05	138.00	138.95
3	135.21	135.18	136.42	136.09	136.29	136.34	136.11	136.26	137.09	138.06	138.05	138.95
4	135.11	135.24	136.44	136.20	136.29	136.42	136.08	136.28	137.14	138.05	138.07	138.93
5	135.09	135.29	136.44	136.25	136.36	136.50	136.08	136.32	137.23	138.01	138.11	138.91
6	135.09	135.42	136.42	136.27	136.31	136.43	136.14	136.35	137.31	137.92	138.18	138.92
7	135.07	135.53	136.41	136.23	136.25	136.45	136.14	136.38	137.35	137.88	138.27	138.93
8	135.01	135.56	136.40	136.19	136.27	136.51	136.10	136.43	137.37	137.92	138.29	138.95
9	134.98	135.59	136.41	136.06	136.33	136.38	136.03	136.48	137.44	137.96	138.30	138.94
10	134.98	135.62	136.44	136.13	136.36	136.34	136.06	136.53	137.52	137.97	138.35	139.00
11	134.98	135.67	136.42	136.18	136.41	136.37	136.06	136.59	137.60	137.98	138.40	139.08
12	134.96	135.76	136.40	136.20	136.39	136.39	136.07	136.59	137.65	137.91	138.47	139.13
13	134.93	135.77	136.26	136.22	136.42	136.39	136.12	136.58	137.71	137.91	138.53	139.13
14	134.92	135.77	136.27	136.23	136.49	136.23	136.13	136.62	137.76	137.93	138.58	139.11
15	134.97	135.78	136.24	136.19	136.49	136.20	136.08	136.68	137.74	137.91	138.69	138.77
16	134.99	135.83	136.10	136.26	136.46	136.31	136.10	136.70	137.66	137.94	138.81	138.57
17	134.96	135.89	136.10	136.27	136.41	136.30	136.16	136.71	137.72	137.96	138.85	138.77
18	134.92	136.01	136.19	136.23	136.38	136.28	136.20	136.71	137.82	137.97	138.86	138.81
19	134.89	135.96	136.17	136.29	136.38	136.31	136.28	136.71	137.83	137.95	138.92	138.81
20	134.88	135.95	136.15	136.30	136.44	136.30	136.32	136.75	137.77	137.94	138.96	138.76
21	134.89	136.05	136.13	136.33	136.44	136.17	136.35	136.79	137.79	137.95	138.98	138.63
22	134.96	136.11	136.09	136.37	136.52	136.20	136.39	136.78	137.82	137.94	138.99	138.67
23	135.02	136.11	136.15	136.36	136.55	136.23	136.39	136.75	137.85	137.92	139.02	138.76
24	135.03	136.12	136.15	136.19	136.54	136.21	136.41	136.73	137.88	137.91	139.04	138.76
25	135.01	136.15	136.15	136.31	136.52	136.18	136.43	136.79	137.91	137.89	139.03	138.76
26	135.03	136.17	136.06	136.39	136.51	136.17	136.40	136.82	137.93	137.88	139.04	138.77
27	135.05	136.23	136.11	136.37	136.47	136.18	136.38	136.85	137.94	137.89	139.05	138.79
28	135.03	136.28	136.06	136.36	136.33	136.17	136.29	136.91	137.93	137.91	139.04	138.76
29	135.06	136.32	136.02	136.39	---	136.18	136.31	136.95	137.92	137.91	138.95	138.70
30	135.08	136.36	136.10	136.42	---	136.23	136.21	136.98	137.95	137.92	138.86	138.65
31	135.13	---	136.20	136.45	---	136.23	---	136.98	---	137.94	138.94	---
MEAN	135.01	135.80	136.25	136.26	136.40	136.30	136.20	136.63	137.62	137.95	138.63	138.85
MAX	135.22	136.36	136.44	136.45	136.55	136.51	136.43	136.98	137.95	138.06	139.05	139.13
MIN	134.76	135.17	136.02	136.06	136.25	136.17	136.03	136.20	137.00	137.88	137.96	138.57



WELL NUMBER.--345335082185800. Local number, GRV-709.

LOCATION.--Lat 34°53'32'', long 82°17'47'', Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville. Owner: School District of Greenville County.

AQUIFER.--Sillimanite Mica Schist/Lower Cambrian Paris Mountain Thrust Sheet.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 80 ft, cased to 6 ft, open hole from 6 to 80 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 948 ft above sea level. Measuring point: Top of casing, 1.73 ft above land-surface datum.

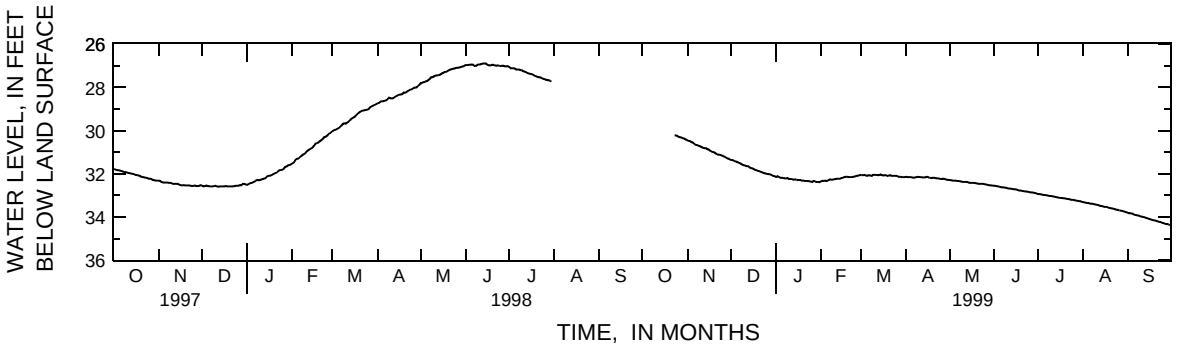
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--May 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 23.81 ft below land-surface datum, June 28, 1973; lowest, 35.62 ft below land-surface datum, Feb. 22 - 24, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	30.45	31.35	32.13	32.35	32.06	32.14	32.29	32.56	32.93	33.31	33.80
2	---	30.48	31.37	32.12	32.32	32.07	32.16	32.30	32.57	32.94	33.32	33.82
3	---	30.50	31.39	32.14	32.33	32.04	32.16	32.31	32.58	32.96	33.34	33.83
4	---	30.54	31.42	32.18	32.32	32.08	32.16	32.31	32.59	32.97	33.35	33.85
5	---	30.57	31.45	32.19	32.34	32.09	32.17	32.32	32.61	32.98	33.36	33.87
6	---	30.62	31.47	32.20	32.30	32.06	32.18	32.33	32.62	32.98	33.38	33.90
7	---	30.67	31.50	32.21	32.26	32.08	32.17	32.34	32.63	33.00	33.39	33.92
8	---	30.68	31.53	32.21	32.27	32.09	32.16	32.35	32.64	33.01	33.40	33.94
9	---	30.71	31.58	32.19	32.27	32.04	32.13	32.36	32.65	33.02	33.41	33.95
10	---	30.73	31.60	32.24	32.26	32.04	32.16	32.37	32.67	33.03	33.43	33.97
11	---	30.77	31.63	32.25	32.25	32.05	32.15	32.38	32.68	33.05	33.45	33.99
12	---	30.81	31.65	32.25	32.22	32.06	32.17	32.38	32.69	33.06	33.46	34.01
13	---	30.82	31.65	32.27	32.23	32.06	32.17	32.37	32.70	33.07	33.48	34.03
14	---	30.83	31.71	32.26	32.23	32.02	32.17	32.41	32.71	33.08	33.49	34.05
15	---	30.87	31.74	32.27	32.20	32.05	32.14	32.42	32.72	33.10	33.51	34.06
16	---	30.90	31.75	32.29	32.18	32.08	32.16	32.42	32.73	33.11	33.53	34.09
17	---	30.94	31.78	32.29	32.16	32.07	32.18	32.43	32.75	33.12	33.54	34.11
18	---	30.99	31.83	32.29	32.14	32.07	32.20	32.43	32.77	33.13	33.55	34.13
19	---	31.00	31.85	32.31	32.14	32.09	32.19	32.44	32.78	33.14	33.57	34.15
20	---	31.02	31.87	32.31	32.15	32.08	32.18	32.45	32.79	33.15	33.59	34.17
21	---	31.08	31.89	32.33	32.15	32.06	32.20	32.46	32.80	33.16	33.61	34.18
22	---	31.11	31.92	32.33	32.15	32.09	32.21	32.46	32.82	33.17	33.63	34.21
23	30.21	31.12	31.95	32.33	32.14	32.10	32.21	32.46	32.83	33.18	33.64	34.23
24	30.23	31.13	31.97	32.35	32.13	32.09	32.23	32.47	32.84	33.20	33.66	34.25
25	30.25	31.16	31.99	32.36	32.11	32.10	32.24	32.48	32.85	33.21	33.67	34.27
26	30.28	31.19	32.00	32.37	32.10	32.12	32.23	32.49	32.86	33.22	33.69	34.29
27	30.31	31.23	32.03	32.34	32.08	32.13	32.23	32.51	32.87	33.24	33.71	34.31
28	30.32	31.26	32.03	32.35	32.05	32.13	32.26	32.52	32.88	33.25	33.72	34.33
29	30.36	31.29	32.04	32.37	---	32.15	32.27	32.53	32.89	33.26	33.74	34.34
30	30.38	31.32	32.09	32.38	---	32.16	32.28	32.54	32.91	33.27	33.76	34.37
31	30.42	---	32.11	32.39	---	32.16	---	32.55	---	33.29	33.78	---
MEAN	30.31	30.89	31.75	32.27	32.21	32.08	32.19	32.42	32.73	33.11	33.53	34.08
MAX	30.42	31.32	32.11	32.39	32.35	32.16	32.28	32.55	32.91	33.29	33.78	34.37
MIN	30.21	30.45	31.35	32.12	32.05	32.02	32.13	32.29	32.56	32.93	33.31	33.80



WELL NUMBER.--350622082373608. Local number, GRV-712.

LOCATION.--Lat 35°06'22'', long 82°37'36'', Hydrologic Unit 03050109, at Caesars Head State Park, near weather station. Owner: South Carolina Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Granite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 450 ft, cased to 28 ft, open hole from 28 to 450 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 3150 ft above sea level. Measuring point: Top of casing, 0.46 ft above land-surface datum.

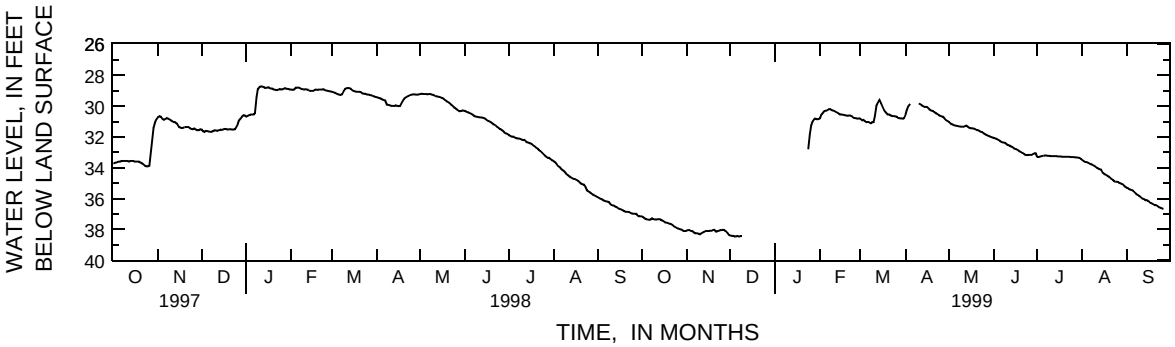
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 26.58 ft below land-surface datum, Aug. 18 - 19, 1994; lowest, 36.05 ft below land-surface datum, Nov. 23, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

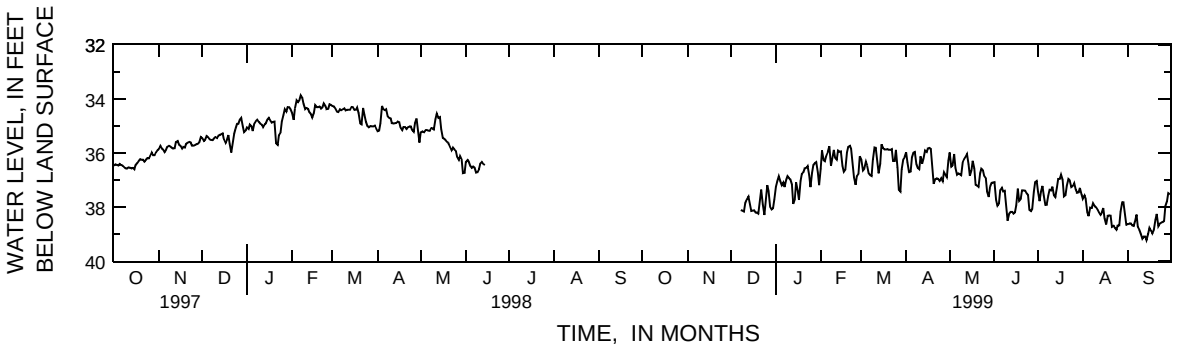
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.15	38.06	38.40	---	30.78	30.83	30.56	31.02	32.06	33.29	33.49	35.29
2	37.19	38.05	38.41	---	30.56	30.91	30.25	31.10	32.10	33.30	33.55	35.35
3	37.26	38.05	38.42	---	30.42	30.89	29.98	31.16	32.14	33.27	33.61	35.40
4	37.32	38.09	38.45	---	30.33	30.96	29.86	31.21	32.18	33.24	33.64	35.45
5	37.36	38.11	38.44	---	30.31	31.05	---	31.26	32.24	33.22	33.67	35.47
6	37.37	38.18	38.42	---	30.25	31.03	---	31.28	32.32	33.21	33.72	35.57
7	37.35	38.25	38.45	---	30.19	31.05	---	31.30	32.35	33.20	33.77	35.66
8	37.26	38.24	38.44	---	30.20	31.10	---	31.32	32.37	33.22	33.80	35.73
9	37.32	38.27	38.45	---	30.26	31.04	---	31.34	32.40	33.23	33.85	35.79
10	37.36	38.31	---	---	30.29	31.04	29.83	31.34	32.47	33.25	33.92	35.86
11	37.36	38.24	---	---	30.33	30.67	29.87	31.34	32.54	33.26	33.99	35.95
12	37.34	38.18	---	---	30.38	29.98	29.93	31.30	32.57	33.26	34.04	36.00
13	37.34	38.13	---	---	30.42	29.75	29.98	31.27	32.62	33.26	34.09	36.06
14	37.36	38.10	---	---	30.49	29.60	30.04	31.31	32.67	33.26	34.13	36.10
15	37.41	38.09	---	---	30.55	29.79	30.04	31.40	32.75	33.27	34.30	36.12
16	37.46	38.09	---	---	30.56	30.01	30.08	31.44	32.79	33.27	34.38	36.17
17	37.54	38.08	---	---	30.58	30.23	30.16	31.45	32.81	33.27	34.42	36.27
18	37.56	38.07	---	---	30.59	30.36	30.23	31.46	32.88	33.28	34.49	36.31
19	37.58	38.03	---	---	30.61	30.49	30.30	31.48	32.94	33.28	34.53	36.35
20	37.62	38.02	---	---	30.63	30.56	30.33	31.54	32.99	33.28	34.61	36.41
21	37.64	38.13	---	---	30.61	30.55	30.40	31.58	33.03	33.28	34.70	36.42
22	37.69	38.12	---	---	30.62	30.60	30.46	31.61	33.10	33.29	34.76	36.49
23	37.78	38.08	---	---	30.66	30.65	30.52	31.66	33.15	33.29	34.86	36.56
24	37.82	38.05	---	32.78	30.75	30.66	30.58	31.69	33.19	33.30	34.91	36.58
25	37.88	38.04	---	31.83	30.78	30.67	30.63	31.77	33.16	33.31	34.90	36.63
26	37.93	38.01	---	31.28	30.80	30.69	30.67	31.83	33.15	33.32	34.93	36.67
27	37.98	38.04	---	30.97	30.82	30.78	30.70	31.88	33.15	33.33	34.99	---
28	38.00	38.10	---	30.81	30.80	30.79	30.83	31.92	33.11	33.33	35.03	---
29	38.04	38.19	---	30.83	---	30.80	30.90	31.96	33.06	33.34	35.07	---
30	38.09	38.32	---	30.85	---	30.81	30.97	32.01	33.06	33.35	35.15	---
31	38.09	---	---	30.84	---	30.78	---	32.03	---	33.41	35.23	---
MEAN	37.56	38.12	38.43	31.27	30.52	30.62	30.32	31.49	32.71	33.28	34.34	36.03
MAX	38.09	38.32	38.45	32.78	30.82	31.10	30.97	32.03	33.19	33.41	35.23	36.67
MIN	37.15	38.01	38.40	30.81	30.19	29.60	29.83	31.02	32.06	33.20	33.49	35.29



WELL NUMBER.--324143080505900. Local number, HAM-83.
LOCATION.--Lat 32°41'43'', long 80°50'59'', Hydrologic Unit 03050208, northwest of Ebenezer Methodist Church, 170 ft northeast and 80 ft northwest of intersection of State Road 44 and State Road 10, 0.4 mi northwest of the intersection of State Road 44 and U.S. Highway 17A-21, in Yemassee. Owner: South Carolina Department of Natural Resources.
AQUIFER.--Upper Floridan.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 113 ft (revised), cased to 85.5 ft, open hole from 85.5 to 113 ft (revised).
INSTRUMENTATION.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 45 ft above sea level. Measuring point: Top of casing, 0.70 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files. Logged to a depth of 113 ft, August 1993 original depth 190 ft.
PERIOD OF RECORD.--May 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 39.21 ft below land-surface datum, Sep. 14, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	37.23	36.55	36.23	35.96	35.96	37.07	37.41	37.68	38.62
2	---	---	---	37.04	35.89	36.62	36.33	36.50	37.72	37.77	37.55	38.60
3	---	---	---	36.85	36.25	36.57	36.70	36.45	37.93	37.43	37.68	38.60
4	---	---	---	37.04	36.28	36.31	36.67	36.02	37.85	37.21	38.18	38.66
5	---	---	---	37.17	36.05	36.45	36.15	36.54	37.35	37.55	38.32	38.69
6	---	---	---	37.06	35.95	36.75	35.96	36.79	37.26	37.91	38.01	38.52
7	---	---	---	37.25	35.74	36.80	35.94	36.75	37.41	37.90	38.02	38.26
8	---	---	38.09	36.98	36.46	36.84	36.40	36.77	37.39	37.56	37.85	38.73
9	---	---	38.12	36.85	36.20	36.23	36.54	36.80	37.91	37.35	37.95	38.85
10	---	---	38.16	36.92	35.87	35.79	36.58	36.30	38.49	37.37	37.99	38.97
11	---	---	37.85	36.96	36.17	35.80	36.10	36.20	38.22	37.23	38.08	39.15
12	---	---	37.69	37.15	36.24	36.32	36.38	36.10	38.17	37.56	38.18	39.08
13	---	---	37.59	37.87	35.90	36.73	36.20	36.01	38.17	37.62	38.28	39.08
14	---	---	37.83	37.71	35.94	36.37	35.90	36.40	38.23	37.26	38.20	39.21
15	---	---	38.13	37.07	35.93	35.66	35.95	36.83	38.18	36.95	38.02	38.98
16	---	---	38.12	37.37	36.46	35.81	35.82	36.62	37.92	36.95	38.40	38.76
17	---	---	38.11	37.72	36.68	35.86	35.80	36.27	37.30	36.79	38.63	38.86
18	---	---	38.19	37.02	36.59	35.86	35.83	36.55	37.75	36.98	38.31	38.97
19	---	---	38.19	36.76	35.96	35.84	36.61	37.16	37.68	37.59	38.29	38.83
20	---	---	38.22	36.70	35.75	35.87	37.12	37.20	37.37	37.54	38.31	38.45
21	---	---	37.70	36.55	35.72	35.87	36.95	37.25	37.37	37.19	38.71	38.24
22	---	---	37.33	36.53	35.83	35.83	36.92	36.74	37.38	36.95	38.68	38.69
23	---	---	37.88	36.46	36.39	36.28	36.95	36.57	37.48	37.00	38.76	38.60
24	---	---	38.27	36.80	36.89	36.28	37.01	36.63	37.55	37.25	38.83	38.56
25	---	---	37.76	37.25	37.16	35.87	36.91	36.84	38.08	37.19	38.68	38.54
26	---	---	37.18	36.71	36.83	36.54	37.04	36.92	38.14	37.09	38.66	38.50
27	---	---	37.38	36.42	36.75	37.35	36.70	37.42	38.05	37.33	38.15	37.96
28	---	---	37.99	36.35	36.10	37.42	36.80	37.61	37.42	37.46	37.82	37.78
29	---	---	38.07	36.32	---	36.59	36.89	37.25	37.06	37.45	37.81	37.47
30	---	---	38.02	36.69	---	36.22	36.26	37.09	37.01	37.28	38.30	37.52
31	---	---	37.70	37.17	---	36.14	---	37.08	---	37.52	38.64	---
MEAN	---	---	37.90	36.97	36.23	36.29	36.45	36.70	37.70	37.34	38.22	38.59
MAX	---	---	38.27	37.87	37.16	37.42	37.12	37.61	38.49	37.91	38.83	39.21
MIN	---	---	37.18	36.32	35.72	35.66	35.80	35.96	37.01	36.79	37.55	37.47



KERSHAW COUNTY

WELL NUMBER.--343330080263700. Local number, KER-263.

LOCATION.--Lat 34°33'30'', long 80°26'37'', Hydrologic Unit 03040202, Northwest of Bethune, at Mt. Pisgah School, across from office. Owner: Bethune Rural Water Company.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6.25 in, depth 455 ft, cased to 103 ft, open hole from 103 to 455 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 470 ft above sea level. Measuring point: Top of casing, 1.45 ft above land-surface datum.

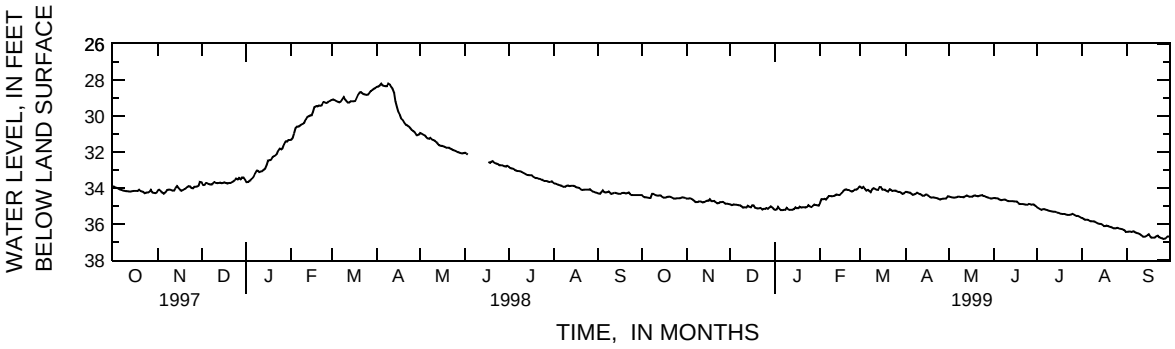
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 28.19 ft below land-surface datum, Apr. 9, 1988; lowest, 36.84 ft below land-surface datum, Sep. 26, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.39	34.60	34.92	35.22	34.82	33.94	34.22	34.46	34.56	35.08	35.67	36.44
2	34.47	34.60	34.94	35.19	34.63	34.01	34.22	34.50	34.57	35.13	35.71	36.42
3	34.51	34.57	34.91	35.03	34.62	33.94	34.25	34.52	34.57	35.17	35.76	36.42
4	34.51	34.60	34.93	35.16	34.59	34.06	34.25	34.53	34.59	35.20	35.76	36.43
5	34.53	34.63	34.93	35.23	34.64	34.15	34.30	34.54	34.64	35.18	35.77	36.41
6	34.56	34.70	34.94	35.24	34.56	34.09	34.37	34.52	34.67	35.18	35.82	36.42
7	34.55	34.78	34.97	35.22	34.45	34.15	34.36	34.49	34.66	35.20	35.86	36.47
8	34.33	34.78	34.97	35.20	34.45	34.21	34.32	34.49	34.64	35.23	35.85	36.51
9	34.33	34.76	35.02	35.09	34.47	34.07	34.24	34.50	34.65	35.27	35.85	36.53
10	34.38	34.75	35.09	35.18	34.45	34.01	34.31	34.50	34.69	35.28	35.89	36.56
11	34.41	34.75	35.08	35.21	34.44	34.04	34.34	34.51	34.72	35.30	35.92	36.64
12	34.44	34.81	35.09	35.20	34.36	34.08	34.38	34.46	34.74	35.31	35.97	36.70
13	34.42	34.79	34.98	35.20	34.37	34.11	34.43	34.41	34.74	35.31	35.99	36.70
14	34.42	34.74	35.03	35.17	34.39	33.96	34.43	34.43	34.74	35.34	35.99	36.68
15	34.48	34.69	35.07	35.07	34.35	33.96	34.36	34.48	34.75	35.37	36.04	36.61
16	34.53	34.71	34.96	35.12	34.27	34.10	34.37	34.49	34.75	35.39	36.12	36.56
17	34.53	34.63	34.96	35.12	34.17	34.10	34.44	34.48	34.75	35.42	36.12	36.70
18	34.51	34.74	35.09	35.03	34.10	34.09	34.52	34.44	34.84	35.44	36.08	36.75
19	34.49	34.74	35.12	35.09	34.07	34.17	34.54	34.42	34.90	35.44	36.12	36.76
20	34.49	34.71	35.14	35.08	34.11	34.19	34.51	34.45	34.89	35.45	36.16	36.75
21	34.50	34.78	35.13	35.07	34.12	34.05	34.53	34.47	34.90	35.47	36.17	36.69
22	34.53	34.85	35.10	35.09	34.17	34.10	34.55	34.44	34.92	35.49	36.21	36.65
23	34.60	34.83	35.19	35.05	34.19	34.16	34.57	34.41	34.93	35.50	36.24	36.74
24	34.59	34.78	35.16	34.94	34.16	34.14	34.61	34.40	34.93	35.47	36.24	36.76
25	34.57	34.79	35.15	35.01	34.10	34.15	34.64	34.45	34.90	35.43	36.21	36.79
26	34.57	34.77	35.11	35.06	34.08	34.18	34.61	34.47	34.89	35.46	36.22	36.84
27	34.57	34.82	35.15	34.99	34.04	34.21	34.60	34.50	34.93	35.52	36.26	36.81
28	34.53	34.87	35.09	34.92	33.91	34.22	34.59	34.54	34.92	35.56	36.28	36.75
29	34.52	34.88	35.02	34.94	---	34.25	34.60	34.56	34.93	35.56	36.29	36.69
30	34.54	34.90	35.08	34.96	---	34.32	34.46	34.59	34.99	35.59	36.34	36.70
31	34.56	---	35.18	34.98	---	34.31	---	34.57	---	35.63	36.43	---
MEAN	34.50	34.74	35.05	35.10	34.32	34.11	34.43	34.48	34.78	35.37	36.04	36.63
MAX	34.60	34.90	35.19	35.24	34.82	34.32	34.64	34.59	34.99	35.63	36.43	36.84
MIN	34.33	34.57	34.91	34.92	33.91	33.94	34.22	34.40	34.56	35.08	35.67	36.41



WELL NUMBER.--335143079195000. Local number, MN-77.

LOCATION.--Lat 33°51′43′′, long 79°19′50′′, Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway. Owner: South Carolina Forestry Commission.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, from surface to 322 ft, 3 in, from 322 to 356 ft, depth 356 ft, screened intervals 325-335, 345-355 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 30 ft above sea level. Measuring point: Top of casing, 2.15 ft above land-surface datum.

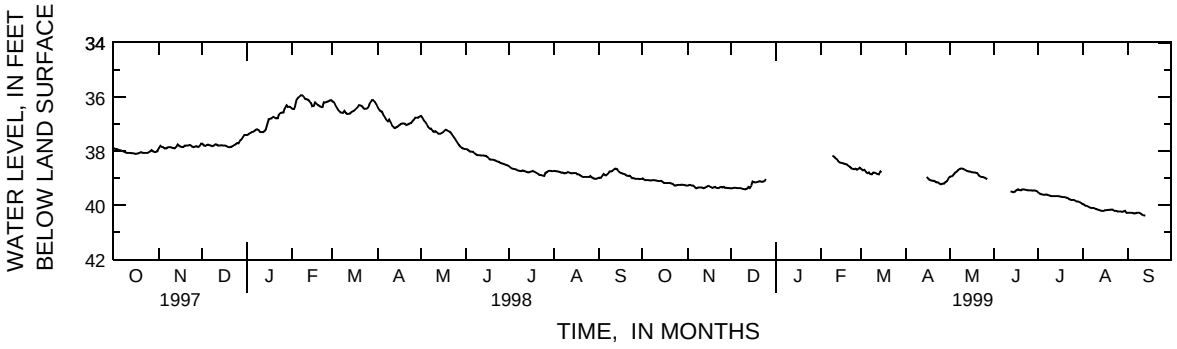
REMARKS.-- Water-quality data available in District files.

PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 40.38 ft below land-surface datum, Sep. 13, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38.99	39.26	39.37	---	---	38.65	---	38.95	---	39.51	39.95	40.28
2	39.04	39.25	39.36	---	---	38.69	---	38.92	---	39.55	39.98	40.28
3	39.06	39.24	39.35	---	---	38.68	---	38.90	---	39.58	40.01	40.28
4	39.06	39.26	39.35	---	---	38.76	---	38.83	---	39.60	40.03	40.28
5	39.06	39.26	39.36	---	---	38.80	---	38.77	---	39.61	40.05	40.29
6	39.08	39.32	39.36	---	---	38.77	---	38.73	---	39.60	40.08	40.29
7	39.08	39.36	39.36	---	---	38.84	---	38.67	---	39.60	40.10	40.27
8	39.07	39.34	39.36	---	---	38.86	---	38.64	---	39.62	40.10	40.27
9	39.06	39.34	39.39	---	38.15	38.78	---	38.64	---	39.64	40.11	40.27
10	39.08	39.33	39.40	---	38.19	38.79	---	38.64	---	39.65	40.13	40.29
11	39.09	39.34	39.41	---	38.25	38.81	---	38.66	---	39.65	40.15	40.34
12	39.10	39.36	39.39	---	38.29	38.84	---	38.69	39.49	39.65	40.17	40.37
13	39.10	39.34	39.31	---	38.36	38.85	---	38.72	39.50	39.65	40.19	40.38
14	39.09	39.32	39.35	---	38.41	38.73	---	38.75	39.52	39.65	40.20	---
15	39.13	39.28	39.27	---	38.43	38.78	38.95	38.75	39.50	39.66	40.21	---
16	39.17	39.29	39.11	---	38.44	---	39.00	38.77	39.43	39.67	40.18	---
17	39.18	39.31	39.15	---	38.45	---	39.04	38.78	39.40	39.68	40.18	---
18	39.18	39.35	39.15	---	38.47	---	39.08	38.78	39.43	39.69	40.17	---
19	39.17	39.33	39.14	---	38.49	---	39.09	38.79	39.44	39.69	40.17	---
20	39.18	39.31	39.12	---	38.54	---	39.09	38.80	39.41	39.70	40.15	---
21	39.19	39.35	39.10	---	38.57	---	39.11	38.87	39.41	39.72	40.16	---
22	39.21	39.36	39.13	---	38.63	---	39.15	38.93	39.42	39.74	40.18	---
23	39.26	39.34	39.12	---	38.65	---	39.15	38.95	39.43	39.78	40.20	---
24	39.26	39.32	39.10	---	38.66	---	39.20	38.95	39.44	39.80	40.21	---
25	39.25	39.33	39.01	---	38.64	---	39.22	38.97	39.44	39.80	40.22	---
26	39.24	39.32	---	---	38.67	---	39.20	39.00	39.45	39.80	40.22	---
27	39.25	39.35	---	---	38.64	---	39.20	39.03	39.46	39.83	40.23	---
28	39.23	39.35	---	---	38.60	---	39.13	---	39.45	39.86	40.24	---
29	39.24	39.36	---	---	---	---	39.10	---	39.46	39.86	40.23	---
30	39.24	39.36	---	---	---	---	38.99	---	39.47	39.89	40.21	---
31	39.26	---	---	---	---	---	---	---	---	39.92	40.27	---
MEAN	39.15	39.32	39.26	---	38.48	38.78	39.11	38.81	39.45	39.70	40.15	40.30
MAX	39.26	39.36	39.41	---	38.67	38.86	39.22	39.03	39.52	39.92	40.27	40.38
MIN	38.99	39.24	39.01	---	38.15	38.65	38.95	38.64	39.40	39.51	39.95	40.27



WELL NUMBER.--342935079431000. Local number, MLB-110.

LOCATION.--Lat 34°29'35'', long 79°43'10'', Hydrologic Unit 03040201, 154 ft north of S-35-264 and 150 ft east of S-35-57, south of railroad tracks at Oak River Mills in Bennettsville. Owner: Oak River Mills.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 95 ft above sea level. Measuring point: Top of casing, 0.40 ft (revised) above land-surface datum.

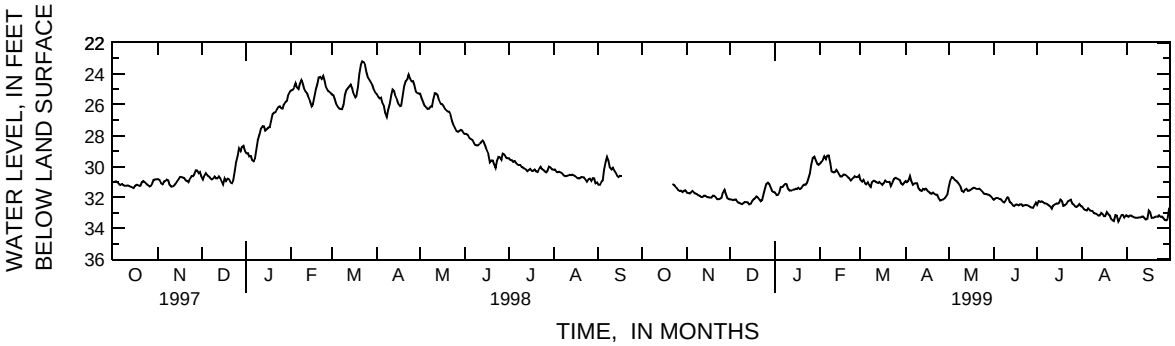
REMARKS.--1957 water-quality data on file in District office.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 33.77 ft below land-surface datum, Nov. 9, 1986.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	31.68	32.15	31.69	29.80	30.88	30.95	31.35	32.14	32.49	32.60	33.19
2	---	31.73	32.15	31.85	29.70	30.99	31.01	30.88	32.06	32.26	32.77	33.26
3	---	31.76	32.18	31.84	29.55	30.86	30.92	30.69	32.04	32.29	32.80	33.18
4	---	31.67	32.16	31.65	29.35	31.09	30.64	30.74	32.05	32.25	32.85	33.19
5	---	31.58	32.14	31.33	29.54	31.16	30.94	30.86	32.11	32.30	32.72	33.24
6	---	31.68	32.30	31.35	29.30	31.04	31.19	30.92	32.14	32.40	32.80	33.31
7	---	31.75	32.35	31.23	29.28	31.22	31.11	31.02	32.28	32.40	32.86	33.34
8	---	31.80	32.39	31.14	29.78	31.35	31.08	31.16	32.33	32.44	32.89	33.32
9	---	31.87	32.43	31.15	30.33	31.03	31.10	31.31	32.20	32.52	33.01	33.30
10	---	31.90	32.37	31.46	30.39	30.92	31.44	31.59	32.00	32.58	33.06	33.31
11	---	31.98	32.32	31.57	30.38	30.95	31.54	31.64	32.03	32.75	33.08	33.24
12	---	31.98	32.31	31.56	30.23	31.02	31.60	31.51	32.32	32.54	33.18	33.24
13	---	31.91	32.33	31.53	30.33	31.06	31.47	31.45	32.36	32.47	33.17	33.37
14	---	31.91	32.47	31.49	30.50	31.00	31.50	31.58	32.52	32.40	32.99	33.43
15	---	31.98	32.42	31.43	30.66	31.11	31.45	31.57	32.56	32.42	33.05	33.37
16	---	32.00	32.26	31.46	30.66	31.19	31.56	31.50	32.48	32.35	33.22	32.86
17	---	32.02	32.12	31.37	30.54	31.06	31.62	31.44	32.47	32.16	33.22	33.00
18	---	32.02	32.05	31.46	30.53	30.91	31.76	31.37	32.52	32.25	32.97	33.32
19	---	31.90	31.93	31.40	30.57	31.00	31.77	31.39	32.47	32.57	33.07	33.34
20	---	31.89	32.00	31.25	30.67	31.00	31.69	31.46	32.46	32.52	33.16	33.26
21	---	32.01	32.15	31.17	30.74	31.00	31.77	31.46	32.56	32.44	33.40	33.25
22	31.13	32.12	32.26	31.20	30.91	31.24	31.83	31.45	32.53	32.25	33.49	33.27
23	31.18	32.12	32.17	31.07	30.84	31.05	31.84	31.53	32.49	32.21	33.54	33.16
24	31.29	32.08	31.82	30.82	30.73	30.80	32.09	31.63	32.51	32.16	33.16	33.27
25	31.41	32.03	31.42	30.46	30.63	30.74	32.22	31.75	32.54	32.39	33.17	33.24
26	31.53	31.70	31.14	29.93	30.70	30.79	32.17	31.79	32.60	32.46	33.55	33.37
27	31.59	31.51	31.05	29.46	30.69	30.82	32.12	31.80	32.67	32.60	33.39	33.47
28	31.57	31.76	31.13	29.37	30.57	30.89	32.05	31.83	32.69	32.62	33.16	33.48
29	31.64	32.04	31.38	29.57	---	31.10	31.94	31.85	32.53	32.54	33.15	33.38
30	31.58	32.10	31.60	29.82	---	31.17	31.80	31.94	32.33	32.44	33.30	32.67
31	31.55	---	31.67	29.89	---	31.07	---	32.09	---	32.58	33.16	---
MEAN	31.45	31.88	32.02	31.03	30.28	31.02	31.54	31.44	32.37	32.42	33.09	33.25
MAX	31.64	32.12	32.47	31.85	30.91	31.35	32.22	32.09	32.69	32.75	33.55	33.48
MIN	31.13	31.51	31.05	29.37	29.28	30.74	30.64	30.69	32.00	32.16	32.60	32.67



WELL NUMBER.--343715079411500. Local number, MLB-112/134.

LOCATION.--Lat 34°37′35′′, long 79°41′22′′, Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville. Owner: Town of Bennettsville.

AQUIFER.--Middenforf and Cape Fear.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 135 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

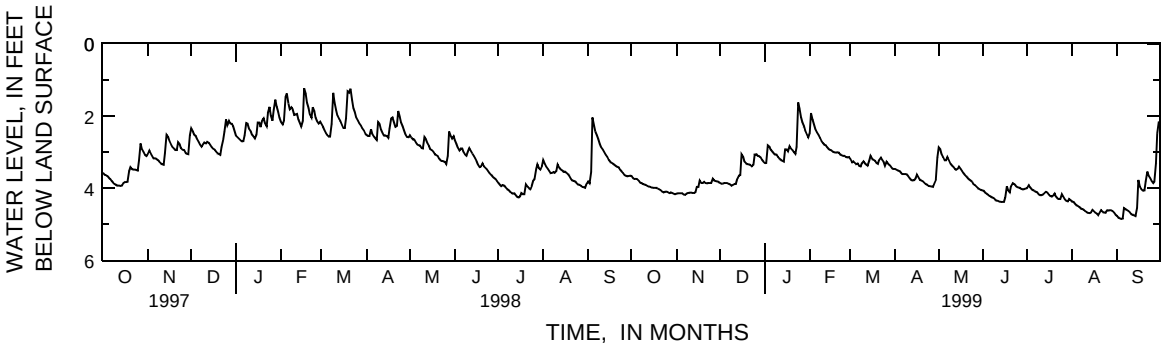
REMARKS.--1971 Gamma and Caliper logged to 297 ft.

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.40 ft below land-surface datum, Aug. 11, 1986.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.66	4.15	3.84	3.30	2.47	3.19	3.46	2.87	4.07	3.99	4.37	4.76
2	3.72	4.14	3.87	3.29	1.91	3.28	3.48	2.92	4.12	3.91	4.38	4.81
3	3.74	4.14	3.87	2.80	2.09	3.25	3.51	3.05	4.14	3.97	4.42	4.83
4	3.74	4.14	3.85	2.84	2.22	3.29	3.52	3.14	4.17	4.02	4.46	4.85
5	3.75	4.14	3.85	2.93	2.37	3.33	3.57	3.22	4.21	4.05	4.48	4.84
6	3.79	4.17	3.85	2.98	2.44	3.31	3.60	3.22	4.23	4.07	4.51	4.55
7	3.84	4.18	3.87	3.03	2.51	3.37	3.60	3.13	4.25	4.09	4.56	4.57
8	3.85	4.15	3.89	3.06	2.60	3.39	3.60	3.23	4.27	4.11	4.57	4.60
9	3.88	4.13	3.92	3.06	2.68	3.30	3.61	3.31	4.31	4.16	4.59	4.63
10	3.90	4.12	3.90	3.13	2.74	3.25	3.67	3.36	4.34	4.19	4.63	4.66
11	3.91	4.12	3.88	3.17	2.79	3.30	3.72	3.39	4.35	4.19	4.65	4.72
12	3.93	4.13	3.88	3.20	2.80	3.34	3.77	3.45	4.37	4.17	4.68	4.73
13	3.95	4.13	3.72	3.23	2.86	3.36	3.78	3.48	4.38	4.14	4.69	4.75
14	3.96	4.10	3.65	3.26	2.91	3.23	3.77	3.45	4.38	4.09	4.67	4.77
15	3.98	3.96	3.63	2.92	2.93	3.10	3.72	3.39	4.38	4.11	4.59	4.54
16	3.99	3.96	3.05	2.92	2.95	3.18	3.62	3.45	4.25	4.17	4.63	3.76
17	3.99	3.78	3.12	2.97	2.98	3.20	3.70	3.51	3.94	4.21	4.67	3.96
18	3.99	3.85	3.26	2.83	3.00	3.23	3.76	3.58	4.06	4.23	4.70	4.02
19	4.00	3.85	3.30	2.89	3.01	3.29	3.78	3.62	4.11	4.20	4.74	4.07
20	4.02	3.82	3.33	2.94	3.00	3.32	3.80	3.67	3.93	4.14	4.66	4.06
21	4.05	3.85	3.34	2.99	3.01	3.20	3.84	3.71	3.85	4.23	4.60	3.80
22	4.08	3.86	3.35	3.04	3.06	3.14	3.88	3.75	3.88	4.28	4.64	3.53
23	4.11	3.85	3.39	2.85	3.08	3.20	3.90	3.77	3.92	4.30	4.67	3.65
24	4.09	3.85	3.35	1.61	3.10	3.27	3.93	3.81	3.96	4.30	4.68	3.72
25	4.09	3.85	3.06	1.77	3.10	3.37	3.94	3.88	3.98	4.16	4.61	3.79
26	4.10	3.74	3.05	2.03	3.13	3.27	3.95	3.91	3.99	4.23	4.62	3.85
27	4.13	3.78	3.10	2.16	3.14	3.31	3.96	3.94	4.01	4.31	4.61	3.81
28	4.11	3.80	3.11	2.27	3.12	3.35	3.84	3.99	4.03	4.34	4.61	3.30
29	4.13	3.81	3.13	2.40	---	3.39	3.76	4.01	4.02	4.36	4.63	2.47
30	4.15	3.82	3.21	2.51	---	3.45	3.13	4.04	4.00	4.29	4.67	2.14
31	4.16	---	3.26	2.59	---	3.46	---	4.06	---	4.32	4.72	---
MEAN	3.96	3.98	3.51	2.81	2.79	3.29	3.71	3.53	4.13	4.17	4.60	4.15
MAX	4.16	4.18	3.92	3.30	3.14	3.46	3.96	4.06	4.38	4.36	4.74	4.85
MIN	3.66	3.74	3.05	1.61	1.91	3.10	3.13	2.87	3.85	3.91	4.37	2.14



WELL NUMBER.--335336082214600. Local number, MCK-52.

LOCATION.--Lat 33°53'36'', long 82°21'46'', Hydrologic Unit 03060103, Baker Creek State Park, at ranger's residence. Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Felsic metatuff of the Cambrian Persimmon Fork Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 54 ft, open hole from 54 to 202 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 400 ft above sea level. Measuring point: Top of casing, 0.91 ft above land-surface datum.

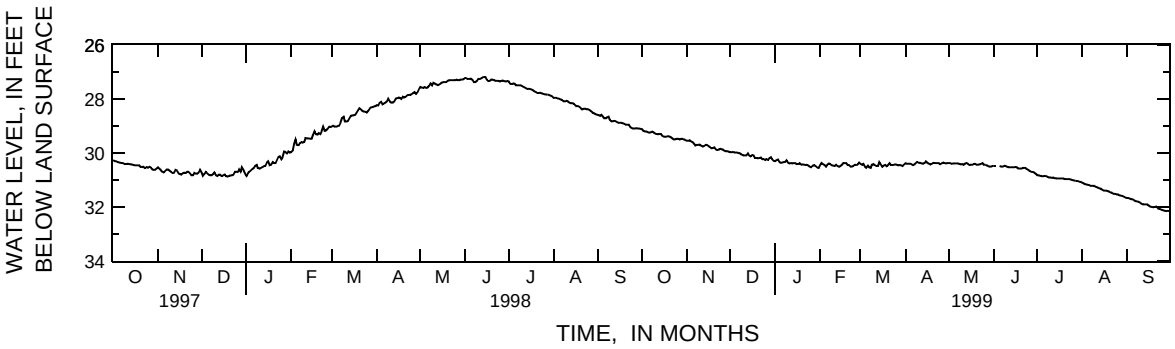
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 27.19 ft below land-surface datum, Jun. 14, 15, 1998; lowest, 33.13 ft below land-surface datum, Jan. 9, 16, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.12	29.55	29.97	30.30	30.43	30.40	30.38	30.38	30.48	30.82	31.10	31.67
2	29.18	29.54	29.97	30.25	30.36	30.44	30.40	30.38	30.49	30.83	31.13	31.67
3	29.20	29.53	29.96	30.24	30.41	30.40	30.40	30.40	---	30.85	31.16	31.69
4	29.21	29.57	29.98	30.34	30.43	30.51	30.40	30.39	---	30.86	31.17	31.71
5	29.23	29.60	29.99	30.36	30.51	30.54	30.41	30.39	30.49	30.86	31.18	31.72
6	29.25	29.66	29.99	30.35	30.44	30.47	30.45	30.39	30.51	30.85	31.20	31.75
7	29.24	29.72	30.01	30.34	30.39	30.53	30.42	30.39	30.50	30.86	31.22	31.78
8	29.20	29.70	30.02	30.33	30.41	30.55	30.38	30.40	30.47	30.88	31.22	31.80
9	29.23	29.70	30.06	30.27	30.46	30.43	30.32	30.42	30.49	30.91	31.22	31.81
10	29.28	29.69	30.09	30.36	30.47	30.41	30.36	30.41	30.51	30.91	31.24	31.83
11	29.30	29.72	30.09	30.39	30.48	30.45	30.36	30.43	30.53	30.92	31.27	31.88
12	29.31	29.76	30.09	30.38	30.44	30.48	30.39	30.40	30.53	30.91	31.29	31.91
13	29.30	29.74	30.01	30.39	30.48	30.48	30.40	30.37	30.53	30.93	31.31	31.91
14	29.30	29.70	30.09	30.37	30.51	30.34	30.37	30.39	30.53	30.94	31.32	31.91
15	29.36	29.70	30.13	30.37	30.48	30.43	30.30	30.45	30.53	30.95	31.36	31.90
16	29.39	29.73	30.08	30.41	30.43	30.50	30.35	30.44	30.52	30.95	31.40	31.94
17	29.40	29.77	30.09	30.41	30.38	30.46	30.39	30.43	30.53	30.95	31.40	31.99
18	29.39	29.83	30.18	30.38	30.37	30.44	30.42	30.41	30.57	30.95	31.39	32.00
19	29.38	29.82	30.18	30.44	30.38	30.48	30.40	30.40	30.58	30.95	31.42	32.01
20	29.39	29.78	30.20	30.42	30.45	30.45	30.36	30.43	30.57	30.96	31.45	32.00
21	29.41	29.86	30.18	30.43	30.45	30.38	30.37	30.44	30.56	30.97	31.47	31.98
22	29.45	29.89	30.17	30.45	30.51	30.45	30.38	30.42	30.56	30.97	31.49	32.03
23	29.50	29.88	30.24	30.43	30.51	30.45	30.38	30.40	30.56	30.97	31.51	32.07
24	29.50	29.84	30.22	30.46	30.48	30.43	30.38	30.38	30.60	30.98	31.52	32.08
25	29.48	29.86	30.25	30.51	30.44	30.42	30.41	30.43	30.62	31.00	31.53	32.10
26	29.47	29.87	30.22	30.53	30.45	30.44	30.37	30.44	30.67	31.01	31.54	32.13
27	29.50	29.91	30.25	30.47	30.42	30.46	30.35	30.46	30.70	31.03	31.57	32.14
28	29.48	29.93	30.19	30.45	30.35	30.45	30.38	30.49	30.71	31.04	31.58	32.15
29	29.47	29.94	30.15	30.49	---	30.46	30.39	30.50	30.72	31.04	31.60	32.14
30	29.50	29.95	30.24	30.54	---	30.48	30.38	30.50	30.77	31.06	31.62	32.16
31	29.52	---	30.29	30.55	---	30.43	---	30.48	---	31.07	31.66	---
MEAN	29.35	29.76	30.12	30.40	30.44	30.45	30.38	30.42	30.57	30.94	31.37	31.93
MAX	29.52	29.95	30.29	30.55	30.51	30.55	30.45	30.50	30.77	31.07	31.66	32.16
MIN	29.12	29.53	29.96	30.24	30.35	30.34	30.30	30.37	30.47	30.82	31.10	31.67



OCONEE COUNTY

WELL NUMBER.--345051083041800. Local number, OC-233.

LOCATION.--Lat 34°50'51'', long 83°04'18'', Hydrologic Unit 03060101, Oconee Station, 60 ft north of gravel road to parking lot. Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Amphibolite/Precambrian Amphibolite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 443 ft, open hole from 24 ft to 443 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 1080 ft above sea level. Measuring point: Top of casing, 1.22 ft above land-surface datum.

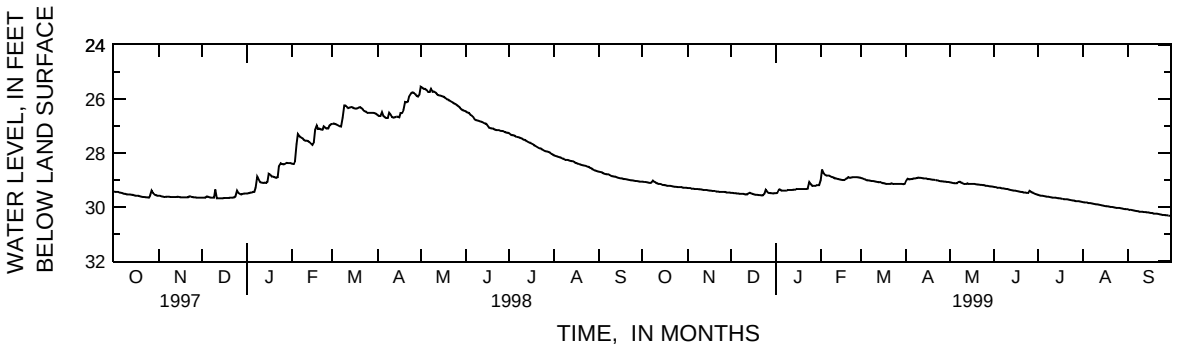
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 25.30 ft below land-surface datum, Apr. 1, 1996; lowest, 30.33 ft below land-surface datum, Sep. 30, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.06	29.30	29.48	29.49	29.00	28.93	29.01	29.09	29.26	29.55	29.82	30.09
2	29.07	29.30	29.48	29.48	28.61	28.95	28.94	29.10	29.27	29.57	29.83	30.10
3	29.08	29.30	29.49	29.35	28.75	28.96	28.98	29.11	29.28	29.58	29.84	30.11
4	29.09	29.32	29.49	29.36	28.80	28.99	28.97	29.12	29.28	29.59	29.84	30.12
5	29.10	29.32	29.50	29.40	28.84	29.01	28.96	29.13	29.29	29.60	29.85	30.13
6	29.11	29.33	29.50	29.40	28.84	29.01	28.95	29.12	29.31	29.61	29.86	30.14
7	29.10	29.34	29.51	29.40	28.84	29.03	28.94	29.08	29.31	29.62	29.87	30.15
8	29.02	29.34	29.51	29.39	28.87	29.04	28.93	29.06	29.32	29.62	29.88	30.16
9	29.06	29.35	29.52	29.37	28.89	29.04	28.91	29.10	29.33	29.63	29.89	30.17
10	29.09	29.35	29.52	29.37	28.91	29.05	28.92	29.12	29.34	29.64	29.90	30.17
11	29.12	29.36	29.53	29.37	28.94	29.06	28.92	29.14	29.36	29.65	29.91	30.18
12	29.14	29.37	29.54	29.37	28.95	29.07	28.93	29.14	29.37	29.65	29.92	30.19
13	29.15	29.37	29.49	29.36	28.97	29.09	28.94	29.13	29.38	29.66	29.93	30.19
14	29.16	29.37	29.46	29.36	28.98	29.08	28.94	29.14	29.39	29.67	29.94	30.20
15	29.18	29.38	29.50	29.33	28.99	29.10	28.94	29.15	29.40	29.68	29.95	30.20
16	29.19	29.39	29.51	29.33	29.00	29.12	28.96	29.15	29.41	29.68	29.96	30.21
17	29.20	29.40	29.53	29.34	29.00	29.13	28.97	29.15	29.42	29.69	29.97	30.22
18	29.21	29.41	29.55	29.34	28.96	29.14	28.98	29.15	29.43	29.70	29.97	30.23
19	29.21	29.41	29.55	29.34	28.94	29.15	28.99	29.16	29.44	29.71	29.99	30.24
20	29.22	29.41	29.56	29.34	28.90	29.15	28.99	29.17	29.45	29.71	30.00	30.24
21	29.23	29.43	29.56	29.34	28.92	29.14	29.00	29.17	29.46	29.72	30.00	30.25
22	29.24	29.43	29.57	29.34	28.91	29.13	29.02	29.18	29.46	29.73	30.01	30.26
23	29.25	29.44	29.57	29.32	28.90	29.15	29.02	29.18	29.48	29.74	30.02	30.27
24	29.25	29.44	29.51	29.08	28.90	29.15	29.04	29.19	29.48	29.75	30.03	30.28
25	29.26	29.45	29.37	29.14	28.89	29.15	29.05	29.20	29.40	29.76	30.04	30.29
26	29.26	29.45	29.45	29.21	28.90	29.15	29.05	29.21	29.43	29.77	30.04	30.30
27	29.27	29.45	29.48	29.21	28.91	29.15	29.06	29.22	29.47	29.78	30.05	30.31
28	29.27	29.46	29.49	29.21	28.91	29.15	29.06	29.23	29.49	29.78	30.06	30.31
29	29.28	29.46	29.49	29.20	---	29.15	29.08	29.24	29.51	29.79	30.07	30.32
30	29.29	29.47	29.50	29.20	---	29.16	29.08	29.24	29.53	29.80	30.08	30.33
31	29.29	---	29.49	29.20	---	29.15	---	29.25	---	29.81	30.09	---
MEAN	29.18	29.39	29.51	29.32	28.90	29.09	28.98	29.16	29.39	29.69	29.96	30.21
MAX	29.29	29.47	29.57	29.49	29.00	29.16	29.08	29.25	29.53	29.81	30.09	30.33
MIN	29.02	29.30	29.37	29.08	28.61	28.93	28.91	29.06	29.26	29.55	29.82	30.09



WELL NUMBER.--340540081021508. Local number, RIC-309.

LOCATION.--Lat 34°05'40'', long 81°02'15'', Hydrologic Unit 03050106, north of Columbia off State Road 423 at Lincolnshire subdivision. Owner: Heater Utilities.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 90 ft, open hole from 90 to 300 ft.

INSTRUMENTATION.--Water stage recorder--60 minute collection interval.

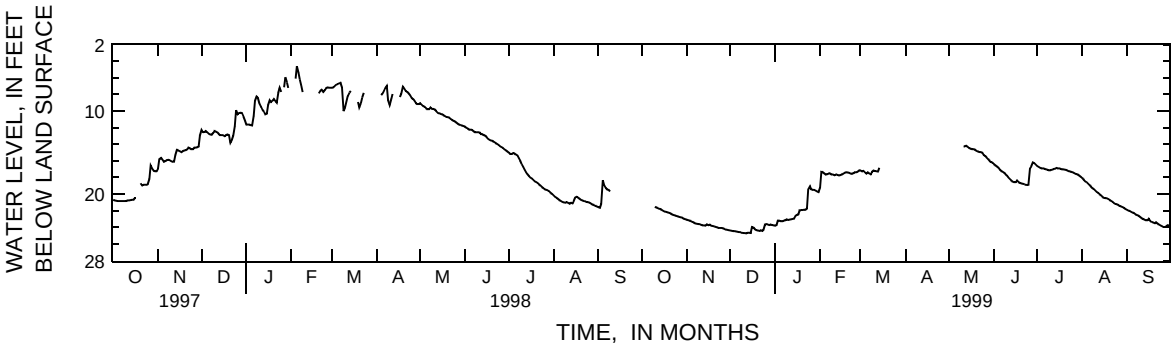
DATUM.--Land-surface datum is 260 ft above sea level. Measuring point: Top of casing, 0.57 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level recorded, 2.95 ft below land-surface datum, Feb. 19, 1995; lowest, 44.83 ft below land-surface datum, Dec. 30, 1973.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	23.08	24.38	23.79	19.21	17.14	---	---	16.37	16.61	18.07	21.88
2	---	23.14	24.41	23.73	17.32	17.26	---	---	16.52	16.72	18.27	21.96
3	---	23.18	24.43	23.18	17.38	17.17	---	---	16.62	16.82	18.45	22.04
4	---	23.26	24.46	23.18	17.45	17.36	---	---	16.79	16.90	18.57	22.14
5	---	23.33	24.49	23.25	17.63	17.50	---	---	17.01	16.91	18.72	22.23
6	---	23.42	24.52	23.24	17.57	17.38	---	---	17.19	16.93	18.92	22.29
7	---	23.52	24.55	23.20	17.46	17.46	---	---	17.31	16.99	19.11	22.43
8	---	23.56	24.57	23.15	17.52	17.58	---	---	17.41	17.04	19.24	22.53
9	---	23.59	24.62	23.03	17.63	17.30	---	---	17.57	17.14	19.37	22.62
10	21.49	23.60	24.67	23.09	17.65	17.12	---	---	17.77	17.13	19.54	22.72
11	21.60	23.67	24.69	23.07	17.69	17.20	---	14.27	17.98	17.07	19.70	22.86
12	21.68	23.75	24.71	23.01	17.60	17.25	---	14.22	18.17	16.97	19.85	22.98
13	21.74	23.78	24.65	22.98	17.67	17.29	---	14.15	18.32	16.94	19.99	23.06
14	21.80	23.80	24.66	22.93	17.76	16.84	---	14.28	18.47	16.83	20.12	23.12
15	21.91	23.66	24.67	22.54	17.72	---	---	14.47	18.55	16.88	20.30	23.13
16	22.01	23.71	23.93	22.47	17.62	---	---	14.52	18.56	16.91	20.44	22.96
17	22.08	23.63	24.02	22.43	17.52	---	---	14.57	18.35	16.96	20.47	23.23
18	22.14	23.79	24.23	21.94	17.39	---	---	14.58	18.52	17.00	20.46	23.33
19	22.20	23.85	24.32	21.93	17.37	---	---	14.62	18.65	17.03	20.55	23.42
20	22.26	23.87	24.37	21.91	17.39	---	---	14.77	18.71	17.04	20.68	23.48
21	22.33	23.95	24.39	21.88	17.41	---	---	14.88	18.76	17.10	20.79	23.36
22	22.42	24.01	24.35	21.88	17.53	---	---	14.93	18.81	17.16	20.91	23.51
23	22.52	24.04	24.42	21.72	17.56	---	---	14.95	18.86	17.22	21.04	23.65
24	22.58	24.05	24.31	19.38	17.49	---	---	15.02	18.90	17.30	21.15	23.74
25	22.63	24.08	23.65	19.01	17.38	---	---	15.26	18.87	17.35	21.24	23.84
26	22.69	24.12	23.58	19.40	17.37	---	---	15.41	16.86	17.42	21.28	23.94
27	22.76	24.19	23.66	19.49	17.31	---	---	15.58	16.64	17.54	21.39	23.94
28	22.79	24.26	23.69	19.48	17.11	---	---	15.78	16.16	17.61	21.49	23.85
29	22.85	24.30	23.66	19.56	---	---	---	15.97	16.25	17.63	21.55	23.71
30	22.93	24.34	23.71	19.66	---	---	---	16.12	16.43	17.75	21.65	23.80
31	23.01	---	23.77	19.74	---	---	---	16.22	---	17.91	21.80	---
MEAN	22.29	23.75	24.28	21.91	17.56	17.27	---	14.98	17.71	17.12	20.16	23.06
MAX	23.01	24.34	24.71	23.79	19.21	17.58	---	16.22	18.90	17.91	21.80	23.94
MIN	21.49	23.08	23.58	19.01	17.11	16.84	---	14.15	16.16	16.61	18.07	21.88



WELL NUMBER.--340517081401300. Local number, SAL-69.

LOCATION.--Lat 34°05'17'', long 81°40'13'', Hydrologic Unit 03050109, Northeast of Saluda, Hollywood Elementary School, along tree line of playground. Owner: Saluda County School District One.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 480 ft, cased depth 92 ft, open hole from 92 to 480 ft.

INSTRUMENTATION.--Water stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 445 ft above sea level. Measuring point: Top of casing, 2.30 ft above land-surface datum.

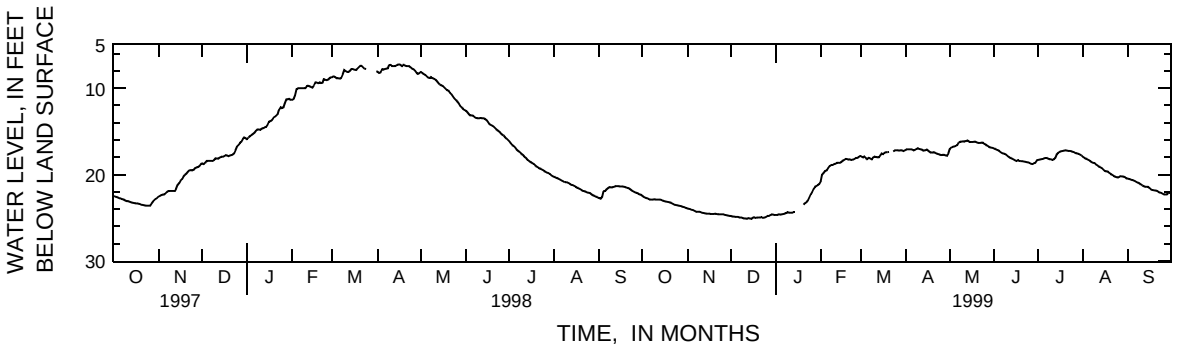
REMARKS.--Geophysical logs available in U.S. Geological Survey District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 7.26 ft below land-surface datum, Apr. 15, 16, 1998; lowest, 25.89 ft below land-surface datum, Oct. 30, 1993.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.45	23.94	24.81	24.70	20.74	17.91	17.06	17.04	16.99	18.31	17.93	20.47
2	22.59	23.97	24.84	24.67	20.01	18.01	17.07	16.87	17.09	18.26	18.04	20.50
3	22.67	24.00	24.85	24.59	19.80	17.90	17.08	16.80	17.15	18.22	18.16	20.55
4	22.73	24.06	24.88	24.63	19.60	18.09	17.06	16.73	17.23	18.19	18.22	20.62
5	22.81	24.11	24.90	24.61	19.53	18.19	17.09	16.70	17.37	18.13	18.29	20.66
6	22.88	24.20	24.92	24.57	19.26	18.05	17.18	16.60	17.49	18.08	18.42	20.76
7	22.91	24.28	24.95	24.51	19.00	18.13	17.12	16.29	17.55	18.10	18.55	20.87
8	22.88	24.30	24.98	24.45	18.92	18.22	17.04	16.21	17.60	18.15	18.63	20.94
9	22.87	24.31	25.02	24.36	18.91	17.99	16.93	16.18	17.70	18.22	18.70	21.01
10	22.88	24.34	25.07	24.41	18.81	17.90	17.04	16.16	17.85	18.25	18.82	21.11
11	22.88	24.39	25.07	24.42	18.76	17.97	17.08	16.19	17.98	18.29	18.93	21.25
12	22.90	24.47	25.10	24.39	18.63	17.99	17.14	16.12	18.07	18.24	19.06	21.35
13	22.90	24.49	25.05	24.38	18.63	18.01	17.22	16.04	18.16	18.07	19.16	21.40
14	22.93	24.50	25.09	24.37	18.65	17.73	17.20	16.11	18.24	17.65	19.24	21.43
15	23.02	24.51	25.10	---	18.55	17.55	17.08	16.25	18.33	17.46	19.43	21.42
16	23.09	24.54	25.00	---	18.43	17.63	17.20	16.25	18.39	17.36	19.58	21.52
17	23.12	24.55	24.94	---	18.30	17.49	17.34	16.24	18.31	17.31	19.62	21.71
18	23.16	24.58	25.00	---	18.19	17.39	17.45	16.21	18.39	17.26	19.65	21.78
19	23.19	24.56	24.97	---	18.19	17.42	17.47	16.21	18.44	17.23	19.77	21.83
20	23.24	24.54	24.97	23.49	18.26	17.38	17.42	16.30	18.46	17.21	19.91	21.85
21	23.31	24.57	24.95	23.31	18.22	---	17.48	16.35	18.48	17.24	20.02	21.85
22	23.38	24.60	24.92	23.18	18.29	---	17.56	16.33	18.53	17.26	20.14	21.95
23	23.48	24.60	24.99	23.02	18.27	17.28	17.62	16.30	18.57	17.27	20.25	22.07
24	23.51	24.59	24.96	22.64	18.19	17.21	17.68	16.30	18.61	17.30	20.31	22.12
25	23.55	24.60	24.92	22.28	18.09	17.19	17.76	16.46	18.64	17.37	20.34	22.20
26	23.59	24.60	24.81	22.01	18.07	17.21	17.72	16.53	18.73	17.43	20.22	22.28
27	23.65	24.68	24.77	21.67	18.02	17.23	17.72	16.62	18.77	17.50	20.19	22.32
28	23.67	24.72	24.68	21.41	17.84	17.20	17.81	16.75	18.70	17.58	20.22	22.31
29	23.73	24.75	24.60	21.28	---	17.20	17.82	16.84	18.62	17.61	20.23	22.16
30	23.80	24.79	24.64	21.20	---	17.26	17.53	16.92	18.34	17.69	20.30	22.13
31	23.87	---	24.68	21.10	---	17.19	---	16.94	---	17.81	20.44	---
MEAN	23.15	24.44	24.92	23.45	18.72	17.65	17.33	16.45	18.09	17.74	19.38	21.48
MAX	23.87	24.79	25.10	24.70	20.74	18.22	17.82	17.04	18.77	18.31	20.44	22.32
MIN	22.45	23.94	24.60	21.10	17.84	17.19	16.93	16.04	16.99	17.21	17.93	20.47



WELL NUMBER.--345145081502900. Local number, SP-1581.

LOCATION.--Lat 34°51'45'', long 81°50'19'', Hydrologic Unit 03050107, Croft State Park, at campground pumphouse. Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Precambrian Mica Schist.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 225 ft, cased depth 54 ft, open hole from 54 to 225 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 605 ft above sea level. Measuring point: Top of casing, 0.50 ft above land-surface datum.

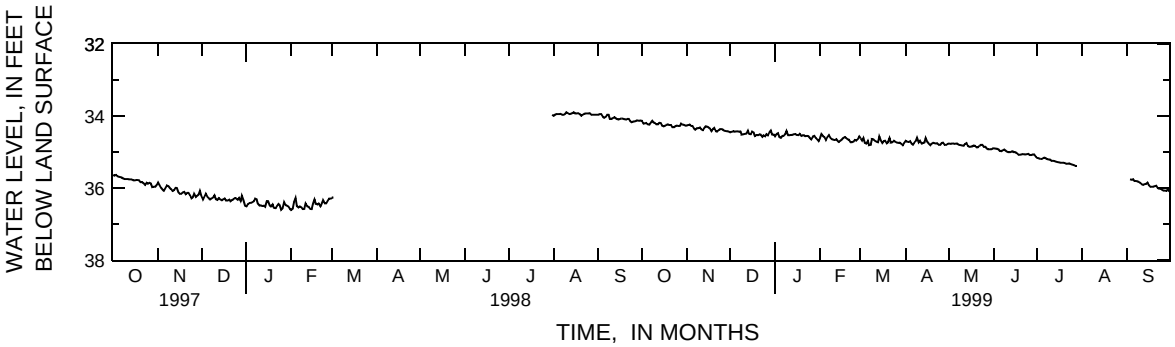
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.71 ft below land-surface datum, Oct. 2, 1993; lowest, 37.82 ft below land-surface datum, Dec. 20, 30, 1994, Jan. 5, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.14	34.27	34.46	34.56	34.61	34.62	34.68	34.77	34.90	35.17	---	---
2	34.22	34.25	34.44	34.49	34.51	34.68	34.71	34.78	34.91	35.18	---	---
3	34.21	34.23	34.42	34.47	34.56	34.61	34.72	34.77	34.91	35.19	---	35.76
4	34.19	34.28	34.44	34.59	34.58	34.75	34.70	34.77	34.93	35.19	---	35.77
5	34.23	34.28	34.43	34.60	34.67	34.77	34.76	34.78	34.97	35.17	---	35.75
6	34.24	34.35	34.43	34.55	34.59	34.69	34.79	34.77	34.98	35.16	---	35.80
7	34.19	34.38	34.44	34.55	34.53	34.81	34.74	34.77	34.95	35.18	---	35.81
8	34.14	34.34	34.43	34.51	34.61	34.80	34.70	34.80	34.92	35.20	---	35.82
9	34.18	34.34	34.52	34.42	34.64	34.64	34.61	34.81	34.95	35.21	---	35.83
10	34.20	34.31	34.51	34.54	34.66	34.65	34.73	34.82	34.99	35.21	---	35.85
11	34.23	34.36	34.50	34.54	34.67	34.69	34.69	34.83	35.01	35.25	---	35.90
12	34.23	34.39	34.49	34.53	34.64	34.71	34.77	34.78	35.00	35.25	---	35.91
13	34.19	34.34	34.40	34.53	34.69	34.73	34.75	34.75	34.99	35.26	---	35.90
14	34.20	34.29	34.50	34.51	34.72	34.57	34.74	34.83	34.98	35.27	---	35.89
15	34.27	34.30	34.51	34.50	34.69	34.68	34.62	34.86	35.01	35.28	---	35.85
16	34.29	34.31	34.43	34.53	34.65	34.75	34.72	34.86	35.01	35.29	---	35.92
17	34.27	34.34	34.46	34.54	34.60	34.70	34.77	34.85	35.03	35.30	---	35.97
18	34.25	34.42	34.55	34.50	34.58	34.69	34.81	34.82	35.08	35.30	---	35.96
19	34.23	34.37	34.53	34.55	34.60	34.76	34.77	34.83	35.08	35.30	---	35.97
20	34.25	34.33	34.54	34.54	34.65	34.73	34.74	34.87	35.07	35.31	---	35.95
21	34.25	34.43	34.51	34.54	34.66	34.62	34.76	34.87	35.06	35.33	---	35.93
22	34.31	34.44	34.52	34.56	34.73	34.74	34.77	34.83	35.07	35.33	---	36.00
23	34.31	34.39	34.58	34.55	34.73	34.73	34.76	34.80	35.07	35.32	---	36.02
24	34.29	34.37	34.54	34.56	34.71	34.69	34.80	34.80	35.06	35.34	---	36.01
25	34.27	34.37	34.56	34.62	34.66	34.71	34.80	34.86	35.05	35.35	---	36.04
26	34.28	34.38	34.50	34.65	34.68	34.74	34.75	34.86	35.09	35.36	---	36.07
27	34.28	34.41	34.54	34.57	34.65	34.75	34.74	34.90	35.09	35.38	---	36.07
28	34.21	34.42	34.46	34.55	34.56	34.74	34.80	34.92	35.07	35.38	---	36.08
29	34.24	34.43	34.40	34.60	---	34.77	34.80	34.92	35.07	---	---	36.03
30	34.24	34.43	34.52	34.65	---	34.81	34.78	34.93	35.13	---	---	36.10
31	34.27	---	34.52	34.70	---	34.75	---	34.90	---	---	---	---
MEAN	34.24	34.35	34.49	34.55	34.64	34.71	34.74	34.83	35.01	35.27	---	35.93
MAX	34.31	34.44	34.58	34.70	34.73	34.81	34.81	34.93	35.13	35.38	---	36.10
MIN	34.14	34.23	34.40	34.42	34.51	34.57	34.61	34.75	34.90	35.16	---	35.75



YORK COUNTY

WELL NUMBER.--350150081012500. Local number, YK-147.

LOCATION.--Lat 35°01'37'', long 81°01'59'', Hydrologic Unit 03050101, near Fort Mill on Lake Wylie.Owner: Tega Cay Development.

AQUIFER.--Rocks of Paleozoic to Precambrian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 700 ft, cased to 50 ft, open hole from 50 to 700 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 600 ft above sea level. Measuring point: Top of platform, 0.75 ft above land-surface datum.

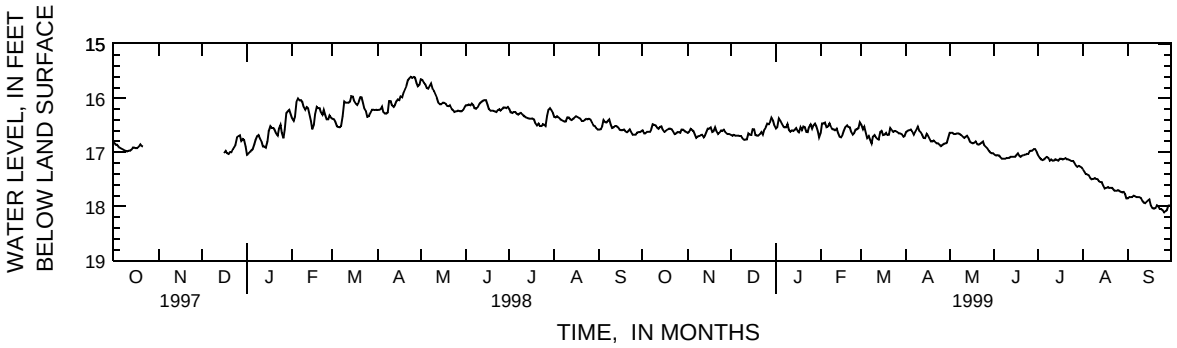
REMARKS.--Water-level affected by stage of Lake Wylie. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 15.90 ft below land-surface datum, May 9, 1997; lowest, 34.37 ft below land-surface datum, Sep. 30, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.59	16.64	16.67	16.56	16.64	16.49	16.62	16.64	17.04	17.05	17.31	17.85
2	16.65	16.62	16.69	16.54	16.47	16.57	16.60	16.64	17.06	17.10	17.36	17.83
3	16.65	16.56	16.67	16.37	16.47	16.52	16.59	16.64	17.05	17.13	17.40	17.83
4	16.62	16.58	16.69	16.42	16.45	16.64	16.57	16.66	17.06	17.14	17.41	17.83
5	16.62	16.60	16.69	16.47	16.53	16.73	16.61	16.66	17.09	17.13	17.42	17.80
6	16.62	16.66	16.69	16.52	16.52	16.70	16.67	16.65	17.12	17.11	17.47	17.81
7	16.58	16.73	16.70	16.54	16.46	16.76	16.63	16.65	17.12	17.08	17.50	17.83
8	16.48	16.71	16.70	16.54	16.53	16.83	16.57	16.66	17.12	17.10	17.49	17.83
9	16.49	16.70	16.74	16.48	16.57	16.71	16.52	16.68	17.11	17.15	17.47	17.83
10	16.50	16.68	16.77	16.59	16.57	16.68	16.60	16.71	17.11	17.13	17.49	17.84
11	16.54	16.67	16.76	16.62	16.59	16.72	16.63	16.73	17.10	17.15	17.50	17.90
12	16.56	16.72	16.76	16.59	16.56	16.75	16.67	16.71	17.08	17.15	17.53	17.93
13	16.53	16.69	16.65	16.60	16.64	16.76	16.73	16.69	17.08	17.13	17.55	17.94
14	16.52	16.62	16.67	16.58	16.71	16.62	16.74	16.74	17.08	17.14	17.55	17.92
15	16.58	16.56	16.68	16.55	16.72	16.60	16.66	16.80	17.08	17.15	17.62	17.89
16	16.62	16.56	16.57	16.61	16.67	16.68	16.69	16.82	17.05	17.12	17.67	17.87
17	16.61	16.54	16.57	16.63	16.60	16.67	16.75	16.83	17.02	17.12	17.66	17.99
18	16.58	16.62	16.68	16.54	16.53	16.64	16.80	16.82	17.06	17.13	17.64	18.03
19	16.56	16.61	16.69	16.59	16.50	16.68	16.80	16.80	17.08	17.12	17.66	18.04
20	16.56	16.54	16.69	16.52	16.53	16.67	16.78	16.85	17.06	17.11	17.66	18.03
21	16.57	16.61	16.66	16.53	16.54	16.55	16.81	16.86	17.05	17.13	17.66	17.98
22	16.61	16.66	16.62	16.62	16.62	16.59	16.83	16.84	17.04	17.13	17.69	18.00
23	16.66	16.64	16.67	16.63	16.67	16.62	16.83	16.82	17.03	17.14	17.71	18.05
24	16.65	16.59	16.57	16.52	16.65	16.60	16.86	16.80	17.03	17.16	17.71	18.05
25	16.63	16.60	16.54	16.48	16.58	16.61	16.88	16.87	16.98	17.16	17.70	18.07
26	16.63	16.58	16.47	16.56	16.57	16.63	16.86	16.90	16.97	17.19	17.71	18.11
27	16.64	16.62	16.48	16.50	16.55	16.65	16.84	16.92	16.97	17.24	17.73	18.09
28	16.58	16.65	16.43	16.47	16.44	16.65	16.83	16.97	16.94	17.27	17.74	18.07
29	16.58	16.66	16.36	16.51	---	16.66	16.82	17.00	16.94	17.25	17.73	17.99
30	16.60	16.66	16.41	16.61	---	16.71	16.72	17.02	16.99	17.26	17.77	17.98
31	16.62	---	16.50	16.72	---	16.70	---	17.02	---	17.28	17.85	---
MEAN	16.59	16.63	16.63	16.55	16.57	16.66	16.72	16.79	17.05	17.15	17.59	17.94
MAX	16.66	16.73	16.77	16.72	16.72	16.83	16.88	17.02	17.12	17.28	17.85	18.11
MIN	16.48	16.54	16.36	16.37	16.44	16.49	16.52	16.64	16.94	17.05	17.31	17.80



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