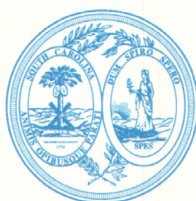
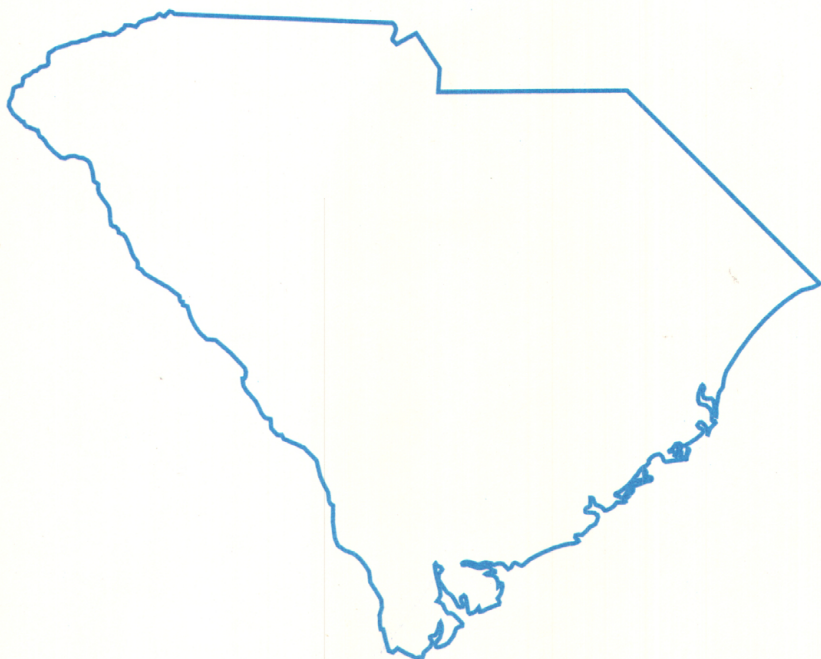
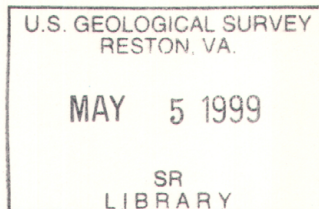


Water Resources Data South Carolina Water Year 1998

Water-Data Report SC-98-1



CALENDAR FOR WATER YEAR 1998

1997

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1998

JANUARY							FEBRUARY							MARCH							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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JULY							AUGUST							SEPTEMBER							
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19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
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Water Resources Data South Carolina Water Year 1998

By T.W. Cooney, K.H. Jones, P.A. Drewes, S.W. Ellisor, and B.W. Church

Water-Data Report SC-98-1



UNITED STATES DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U. S. GEOLOGICAL SURVEY

Charles Groat, Director

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

For additional information write to
District Chief, Water Resources Division
U.S. Geological Survey

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1998

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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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13. ABSTRACT (Maximum 200 words) Water Resources data for the 1998 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 114 gaging stations, stage only at 29 gaging stations, stage and contents at 15 lakes and reservoirs, water-quality at 31 gaging stations and at one observation well, and water levels at 54 observation wells. Also included are data for 58 crest-stage partial-record stations and discharge measurement information at 4 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.				
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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]

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[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]

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[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]

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<u>BERKELEY COUNTY</u>		
331022080021801. Local number, BRK-431.		518
<u>CHARLESTON COUNTY</u>		
324729079472001. Local number, CHN-14.		519
324741080041400. Local number, CHN-44.		520
330247079340300. Local number, CHN-101.		521
<u>CHEROKEE COUNTY</u>		
350927081270100. Local number, CRK-67.		522
350918081263408. Local number, CRK-74.		523
<u>CHESTER COUNTY 477</u>		
344000081250011. Local number, CTR-21.		524
<u>COLLETON COUNTY</u>		
330256080354500. Local number, COL-97.		525
<u>FLORENCE COUNTY</u>		
340806079563100. Local number, FLO-85.		526
341144079345001. Local number, FLO-128.		527
<u>GEORGETOWN COUNTY</u>		
332424079171800. Local number, GEO-77.		528

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

Station Number	Station Name	Page
<u>GREENVILLE COUNTY</u>		
345335082185800. Local number, GRV-709.		529
350622082373608. Local number, GRV-712.		530
<u>HAMPTON COUNTY</u>		
324143080505900. Local number, HAM-83.		531
<u>KERSHAW COUNTY</u>		
343330080263700. Local number, KER-263.		532
<u>LAURENS COUNTY</u>		
342948081451001. Local number, LAU-52.		533
<u>MARION COUNTY</u>		
335143079195000. Local number, MN-77.		534
<u>MARLBORO COUNTY</u>		
342935079431000. Local number, MLB-110.		535
343715079411500. Local number, MLB-112/134.		536
<u>McCORMICK COUNTY</u>		
335336082214600. Local number, MCK-52.		537
<u>OCONEE COUNTY</u>		
345051083041800. Local number, OC-233.		538
<u>RICHLAND COUNTY</u>		
340540081021508. Local number, RIC-309.		539
<u>SALUDA COUNTY</u>		
340517081401300. Local number, SAL-69.		540
<u>SPARTANBURG COUNTY</u>		
345145081502900. Local number, SP-1581.		541
<u>YORK COUNTY</u>		
350150081012500. Local number, YK-147.		542

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
Fork Creek at Jefferson, S.C. (d)	02131309	24.3	1976-97
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			
Catawba River at Catawba, S.C. (d)	02147000	3,530	1968-92
Bear Creek at Lancaster, S.C. (d)	02147240	66.6	1978-82
Gillies Creek near Lugoff, S.C. (d)	02148071	8.29	1994-97
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
Buck 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
Lawsons Fork Creek at Treatment Plant at Spartanburg, S.C. (d)	02156301	75.6	1989-97
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
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
Crane Creek at Columbia, S.C. (d)	02162080	66.5	1968-74
Saluda River near Silverstreet, S.C. (d)	02163000	405	1930-71
Hamilton Creek near Easley, S.C. (d)	02162525*	1.6	1981-86
Saluda River near Pelzer, 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

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

Station name	Station number	Drainage area (mi ²)	Period of record
Lakes Marion-moultrie Diverson Canal near Lone Star, S.C. (d)	02170500	---	1944-86
Santee River below St. Stephens, S.C. (d)	02171650	14,900	1966-82
Wedboo Creek near Jamestown, S.C. (d)	02171680	17.4	1966-72, 1973-92
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
McTier Creek near Monetta, S.C. (d)	02172300	15.3	1995-97
EDISTO RIVER BASIN			
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			
Keowee River near Jocassee, S.C. (d)	02185000	148	1950-68
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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1998

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

Station name	Station number	Drainage area (mi ²)	Period of record
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
A-003 at Savannah River Site (d)	021973026	---	1984-94
A-011 at Savannah River Site (d)	021973028	---	1984-94
Tims Branch at Road 2 at Savannah River Site (d)	02197306	13.8	1994-96
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 Savannah 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
Lower Three Runs near Snelling (d)	02197400	59.3	1974-96

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1998

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DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 1997 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

1

Water resources data for the 1998 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 114 gaging stations; stage-only records for 29 gaging stations; stage and contents for 15 lakes and reservoirs; water quality for 31 gaging stations; and water levels for 54 observation wells. Also included are data for 58 crest-stage partial-record stations and discharge measurements at 4 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-98-1." 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 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:

Allied-Signal
Bewater-Carolina Corporation
Brewer Gold Company
Caro-Knit, Inc.
Carolina Power and Light Company
Duke Energy Corporation
Martin-Marietta
Milliken
South Carolina Electric and Gas Company
Union Camp

SUMMARY OF HYDROLOGIC CONDITIONS

3

Streamflow

Rainfall totals and streamflows varied throughout South Carolina during the 1998 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was about 8 percent above normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was about 13 percent and about 23 percent above normal, respectively, for the year. Above normal rainfall during the months of October through April, as a result of El Nino, resulted in high discharges across most of the State.

Minimum daily mean discharges were higher than the minimum daily means for the period of record at most stations. Minimum daily mean discharges for the 1998 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 1998 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	72	27
02162350 Middle Saluda River near Cleveland	21.0	14	10
Upper Coastal Plain			
02130900 Black Creek near McBee	108	57	17
02173000 South Fork Edisto River near Denmark	720	380	133
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	267	95
02176500 Coosawhatchie River near Hampton	203	.0	.0

A comparison of monthly and yearly mean discharges during the 1998 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 above 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 January, February, March and April, 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, increased slightly during the 1998 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, increased from 31.78 feet below land surface on October 1, 1997, to 27.72 feet below land surface on July 30, 1998, and varied about six feet during the water year.

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 decreased about twelve feet from October 1, 1997, to early September, and increased to 59.16 feet on September 30, 1998. The water level in well MN-77, an observation well near Conway, decreased from 37.87 feet on October 1, 1997 to 39.02 feet on September 30, 1998.

Variation in water levels for wells included in this report are illustrated by hydrographs below the tables in the Ground-Water section of this report.

HYDROLOGIC CONDITIONS

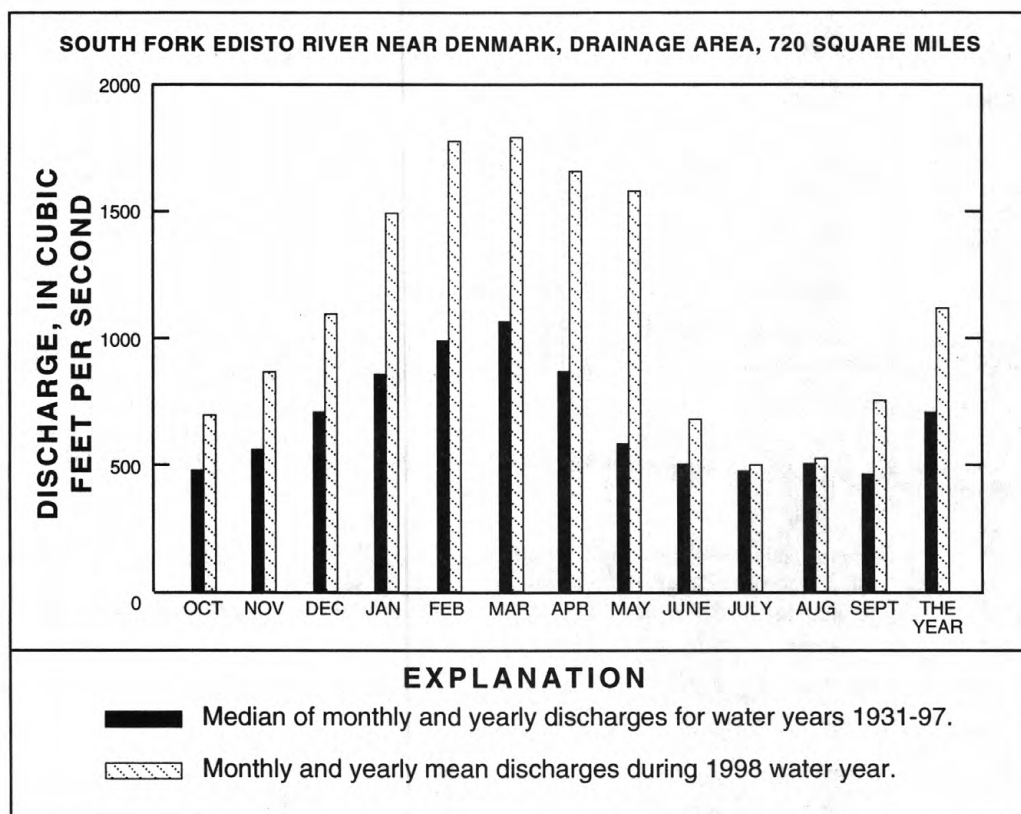
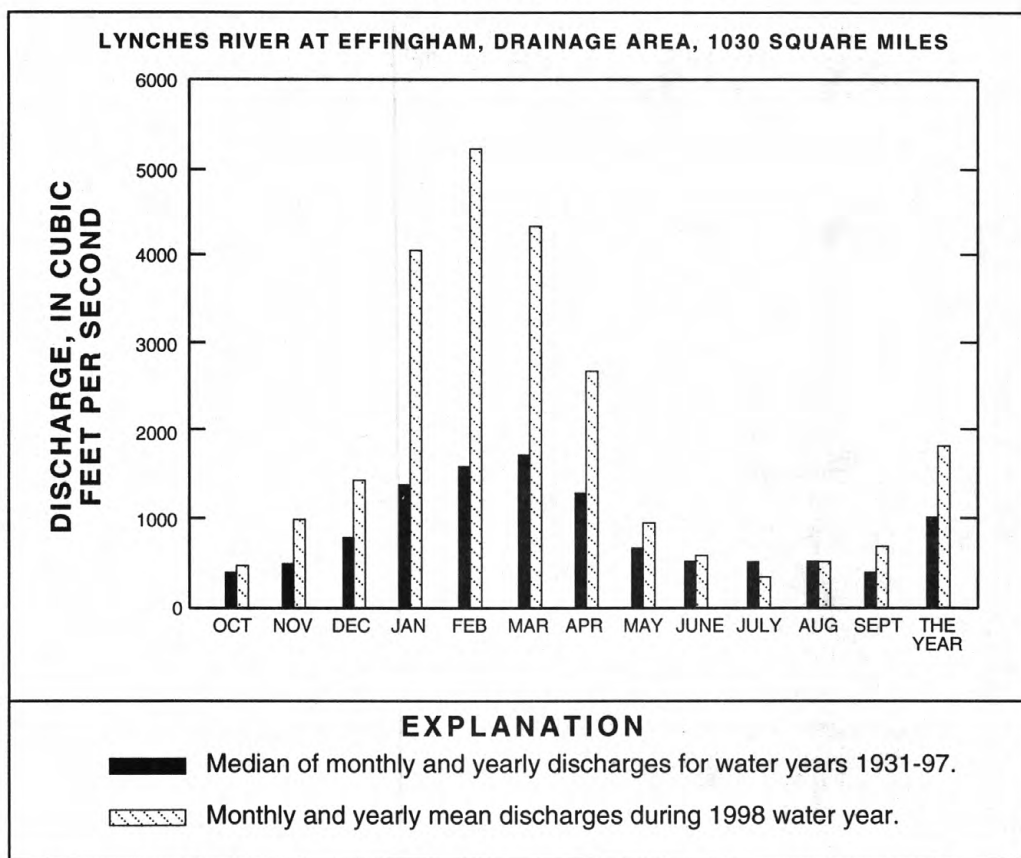


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1998 water year with the median discharges for the period of record.

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.

Use of the new terminology began with the data for the 1978 water year, and therefore, it first appeared in the publication for that year. Definitions on which the terminology is based are included in the "Definitions" section of this report, and listings showing both old and new terminology are attached as an appendix to the report.

DEFINITION OF TERMS

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

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

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

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

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, 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. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as the organisms which produce colonies within 2 hours when incubated at 35°C +/- 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

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

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

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

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

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

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m³) and periphyton and benthic organisms in grams per square meter (g/m²).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the mass remains unchanged. This mass represents the total organic matter ash and sediment, in the sample. Dry mass values are expressed in the same units as ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass, and represents the actual mass of the living matter. The 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.

Bottom material: See Bed material.

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

Cfs-day 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,

6 approximately 1.9835 acre-feet, about 646,000 gallons, or 2,447 cubic meters.

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

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

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

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

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

Control structure, 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 salt water.

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 that the runoff is distributed uniformly in time and area.

Cubic foot per second (FT³/S, ft³/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second, or 448.8 gallons per minute, or 0.02832 cubic meters per second.

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

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

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

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

Dissolved is that material in a representative water sample which passes through a 0.45 µm 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.

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

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

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

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observation of 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.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate (CaCO₃).

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

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

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

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

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

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

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

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 meters (m²), acres, or hectares. 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 milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

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

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

Classification	Size	(mm)	Method of analysis
Clay	0.00024	-0.004	Sedimentation
Silt	.004	-.062	Sedimentation
Sand	.062	-2.0	Sedimentation or sieve
Gravel	2.0	-64.0	Sieve

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

Pesticides are chemical compounds used to control undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides. Insecticides and herbicides, which control insects and plants, respectively, are the two categories reported.

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 (dis-integrations per minute).

Plankton are the community of suspended, floating, or weakly swimming organisms that live in the open water or lakes and rivers.

Phytoplankton are 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.

Zooplankton are 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.

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

Sea Level in this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

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

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mg/L times 0.0027.

Suspended-sediment load is quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

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

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks 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 about 65 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

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

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lived.

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 multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

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

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 μm membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by analytical 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 water-suspended sediment sample that is retained on a 0.45 μm membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

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

Tons per day is the quantity of substance in solution of suspension that passes a stream section during a 24-hour day.

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

Total load (tons) is the total quantity of any individual constituent, as measured mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge times the mg/L of the constituent times the factor 0.027 times the number of days.

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the

dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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 only readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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."

Water year, in the Geological Survey reports, 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 ended September 30, 1997, is called the "1997 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in references 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 indentation in a list of stations in the front of the report. Each indentation represents one rank. This downstream order and system of indentation 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.

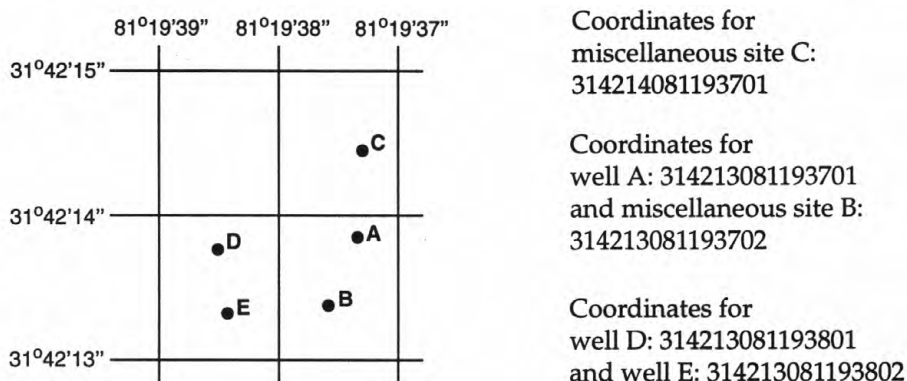


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

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 remobilization 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 SO₂ 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 SO₂ and NO_x 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://www.rvares.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."

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 is 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 (line headed "MAX"), and minimum (line headed "(MIN)") of monthly mean flows for each month for a designated period is provided below the mean values table. The water 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 ____ - ____," 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

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Data Collection and Examination

Surface water samples for analyses usually are collected at or near gaging stations (fig. 5). 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 0100 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.

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

20 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-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by the moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, Revised, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 34 pages.
- 3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.
- 3-A16. *Measurement of discharge using tracers*, by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.

- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F. A. Kilpatrick, R. E. Rathbun, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels at streamflow gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 31 pages.
- 3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A20. 1993. 38 pages.
- 3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS--TWRI Book 3, Chapter A21. 1995. 56 pages.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS-- TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R. L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.
- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction*, by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E. J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 190 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
- 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. Greenson, 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 2.--Location of streamflow gaging stations.



Figure 3.--Location of stage-only stations.



Figure 4.--Location of water-quality stations.

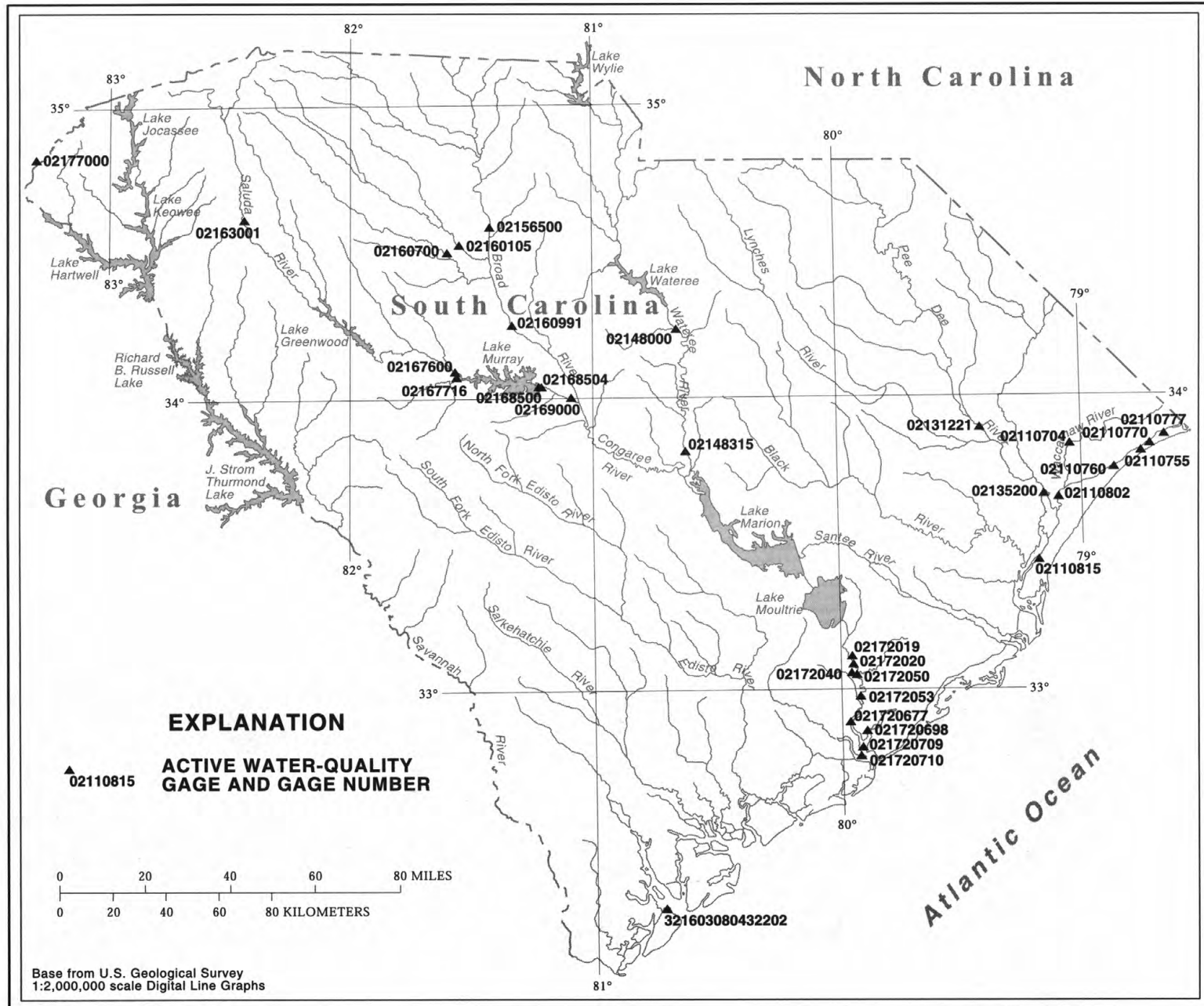
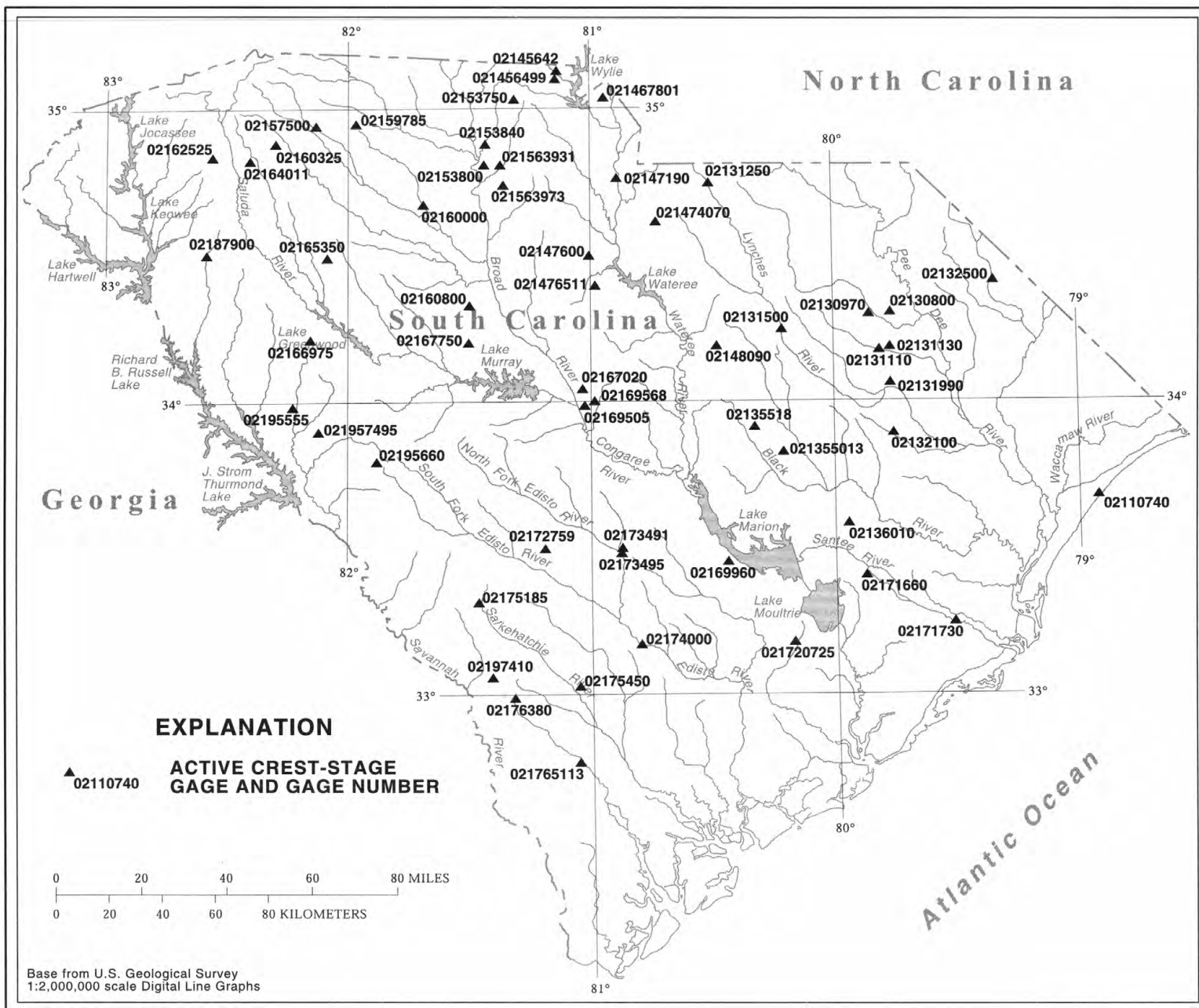


Figure 5.--Location of crest-stage stations.





SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

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 mi², 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.--Records good except for estimated daily discharges, which are fair.

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	421	161	755	3310	6000	7710	2620	1240	552	e100	200	1890
2	382	359	753	3320	5970	7120	2540	1160	566	e95	154	2160
3	353	488	753	3310	6120	6550	2450	1080	591	e90	134	2570
4	332	544	781	3270	8260	6050	2520	1020	624	e85	122	3480
5	313	589	833	3220	10100	5670	2430	1060	673	e80	112	4270
6	292	627	896	3210	10500	5330	2280	979	731	e75	103	4570
7	262	660	970	3450	10700	5010	2140	901	773	65	101	4640
8	225	701	1030	3760	11000	4750	2020	869	788	58	106	4740
9	189	730	1100	4250	10900	4970	2210	848	784	53	86	4970
10	157	740	1210	4510	10500	5020	2370	831	787	51	78	5020
11	131	730	1340	4420	9900	4720	2270	856	795	50	82	4970
12	118	695	1370	4470	9320	4440	2130	860	761	46	87	4860
13	116	703	1390	4560	8660	4270	1990	817	704	42	92	4720
14	100	826	1380	4580	7980	4220	1870	769	631	38	131	4550
15	87	865	1360	4500	7280	4150	1760	724	567	35	159	4360
16	78	837	1350	4510	6780	4100	1630	696	517	38	207	4170
17	71	828	1330	4420	8410	4130	1490	685	483	43	264	3960
18	70	855	1320	4230	10200	4260	1420	838	456	61	304	3760
19	68	928	1290	4160	10500	4570	1360	793	430	56	341	3550
20	67	1020	1260	4220	10300	4830	1270	724	400	56	366	3370
21	64	1090	1220	4090	10300	4910	1180	670	356	67	386	3180
22	61	1120	1230	3980	10100	4710	1120	630	309	75	393	3010
23	61	1090	1390	4340	10300	4450	1260	603	268	77	377	2820
24	61	1030	1460	5310	10300	4210	1350	582	233	79	337	2640
25	61	954	1740	5730	9760	3990	1410	562	206	109	287	2450
26	60	864	1860	5520	9150	3770	1460	535	185	159	257	2250
27	70	772	2140	5530	8560	3540	1460	512	169	138	518	2100
28	75	683	2610	6140	8120	3310	1430	603	e150	131	743	1960
29	70	600	2840	6300	---	3110	1380	596	e125	121	874	1820
30	66	636	3160	6150	---	2900	1310	563	e110	111	1060	1680
31	63	---	3270	6040	---	2730	---	548	---	110	1320	---
TOTAL	4544	22725	45391	138810	255970	143500	54130	24154	14724	2394	9781	104490
MEAN	147	758	1464	4478	9142	4629	1804	779	491	77.2	316	3483
MAX	421	1120	3270	6300	11000	7710	2620	1240	795	159	1320	5020
MIN	60	161	753	3210	5970	2730	1120	512	110	35	78	1680
CFSM	.13	.68	1.32	4.03	8.24	4.17	1.63	.70	.44	.07	.28	3.14
IN.	.15	.76	1.52	4.65	8.58	4.81	1.81	.81	.49	.08	.33	3.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1998, BY WATER YEAR (WY)

	MEAN	838	594	790	1803	2349	2575	1742	616	554	817	1114	1166
MAX	4381	2864	2780	6330	9142	7748	5072	2916	2422	6191	5643	8317	
(WY)	1997	1978	1995	1993	1998	1983	1958	1978	1969	1961	1981	1996	
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	

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC--Continued

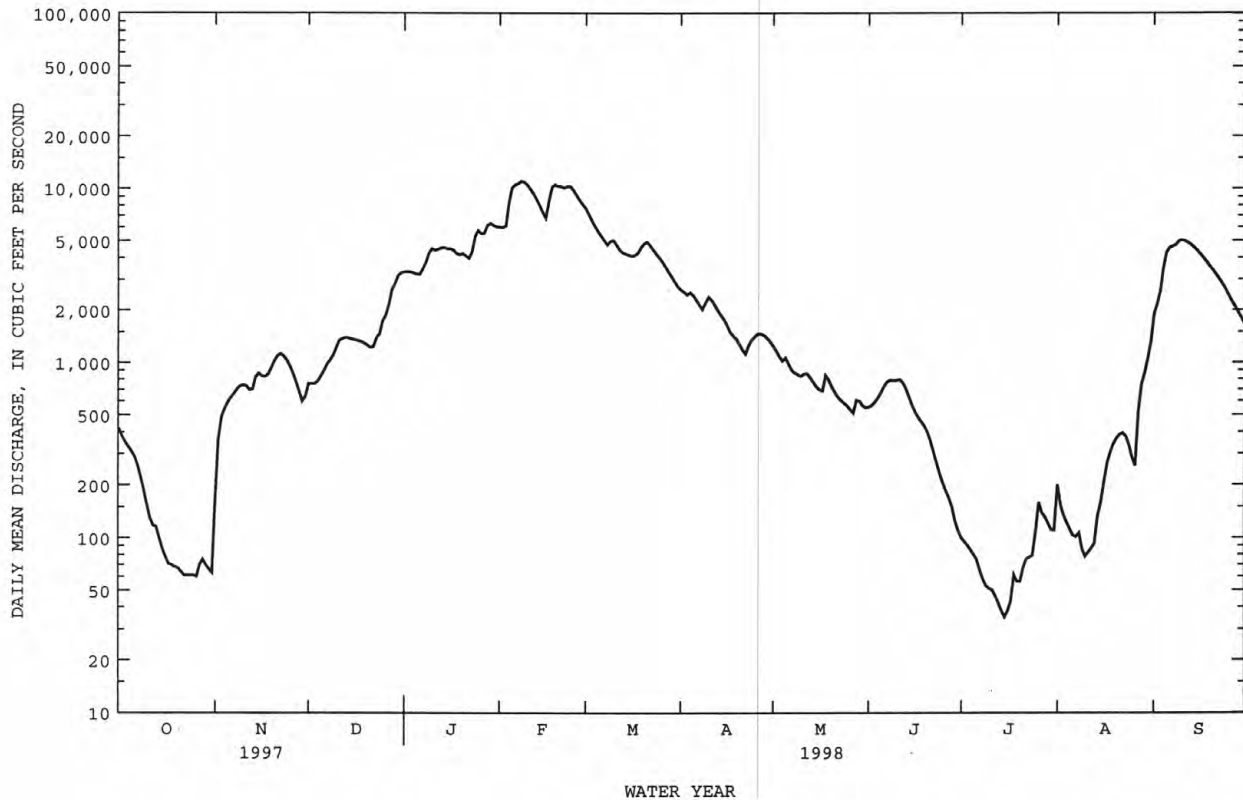
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1950 - 1998	
ANNUAL TOTAL	301228		820613		1241	
ANNUAL MEAN	825		2248		2418	
HIGHEST ANNUAL MEAN					439	
LOWEST ANNUAL MEAN					16000	
HIGHEST DAILY MEAN	3380	Feb 23	11000	Feb 8	1.0	Aug 23 1981
LOWEST DAILY MEAN	14	Sep 10	35	Jul 15	2.0	Oct 14 1954
ANNUAL SEVEN-DAY MINIMUM	18	Sep 4	42	Jul 11	16200	Sep 7 1954
INSTANTANEOUS PEAK FLOW			11100	** Feb 8	Aug 23 1981	
INSTANTANEOUS PEAK STAGE			* 13.82	** Feb 8	Sep 15 1996	
INSTANTANEOUS LOW FLOW			** 34	*** Jul 15	Oct 14 1954	
ANNUAL RUNOFF (CFSM)	.74		2.03		1.12	
ANNUAL RUNOFF (INCHES)	10.10		27.50		15.19	
10 PERCENT EXCEEDS	1830		5830		3100	
50 PERCENT EXCEEDS	53		1030		700	
90 PERCENT EXCEEDS	61		80		56	

e Estimated

* At gage height 14.87 ft with rating then in use.

** Also occurred on Feb. 9.

*** Also occurred on July 16.



WACCAMAW RIVER BASIN

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, and those from Feb. 7 to May 6, which are poor. Discharges shown are those confined to the main channel and does not include discharge in the floodplain when bankfull capacity is exceeded. However, the floodplain is relatively narrow and discharges are insignificant with respect to the main channel. 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	968	772	1530	3290	5840	12100	3950	1800	680	331	22	1100
2	856	932	1210	3210	6360	11400	3860	2240	500	76	179	1270
3	691	791	e1240	3210	6510	11000	3680	1740	574	29	288	1610
4	944	816	1030	3170	9040	10900	3950	2030	573	49	290	2630
5	1250	709	1080	3120	12100	10700	3620	1840	644	247	268	2840
6	732	562	912	3120	13700	10400	3340	1780	724	140	267	2830
7	397	1160	904	3260	13900	10200	3210	1560	727	78	447	3090
8	270	1180	880	3530	13800	9670	3330	1460	759	137	444	3300
9	209	1350	973	4080	13500	9660	3750	1340	820	241	300	3450
10	538	854	1230	4370	13700	9210	3650	1120	864	103	324	3530
11	804	1160	1490	4400	13900	8850	3560	942	758	-10	388	3680
12	523	936	1480	4330	13800	8450	3000	979	738	-31	230	3800
13	613	892	1480	4250	13400	7860	3020	1050	816	78	158	3910
14	453	1220	1450	4180	12900	7730	3150	884	641	-12	111	3960
15	268	1600	1420	4130	12400	7250	3150	785	617	37	197	3960
16	492	1950	1470	4170	12300	6570	2970	938	669	175	349	3940
17	482	1750	1550	4270	13700	6130	2850	984	598	208	409	3960
18	244	1780	1660	4240	14800	6030	2380	853	380	-13	469	3910
19	90	1670	1630	4270	14500	6040	2380	783	422	126	454	3780
20	-321	1540	e1700	4280	13900	6240	2310	911	488	204	282	3670
21	19	1420	e1800	4290	13500	6570	1930	768	421	248	425	3590
22	122	1560	e1930	4280	12900	6900	1790	667	440	224	498	3520
23	47	1370	e2060	4620	13300	6790	2110	592	427	142	552	3420
24	72	1330	e2190	5000	13300	6240	2290	654	367	97	503	3140
25	235	1300	2370	5160	13100	6380	2360	676	251	124	444	3040
26	512	1300	2580	5230	13100	5200	2100	792	211	312	461	2930
27	603	1330	2650	5280	12500	5240	2260	738	313	56	793	2750
28	702	1170	2890	5600	12400	5400	1950	719	183	573	436	2560
29	408	1080	2820	5790	---	4660	1690	631	94	343	431	2360
30	525	766	2960	5760	---	4350	2020	585	255	285	618	2140
31	344	---	3230	5600	---	3430	---	586	---	222	757	---
TOTAL	14092	36250	53799	133490	348150	237550	85610	33427	15954	4819	11794	93670
MEAN	455	1208	1735	4306	12430	7663	2854	1078	532	155	380	3122
MAX	1250	1950	3230	5790	14800	12100	3950	2240	864	573	793	3960
MIN	-321	562	880	3120	5840	3430	1690	585	94	-31	22	1100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1998, BY WATER YEAR (WY)

	1995	1996	1997	1998
MEAN	2677	1810	1900	3104
MAX	5798	2916	3364	5371
(WY)	1997	1996	1995	1998
MIN	455	1208	1249	1094
(WY)	1998	1998	1996	1996

WACCAMAW RIVER BASIN

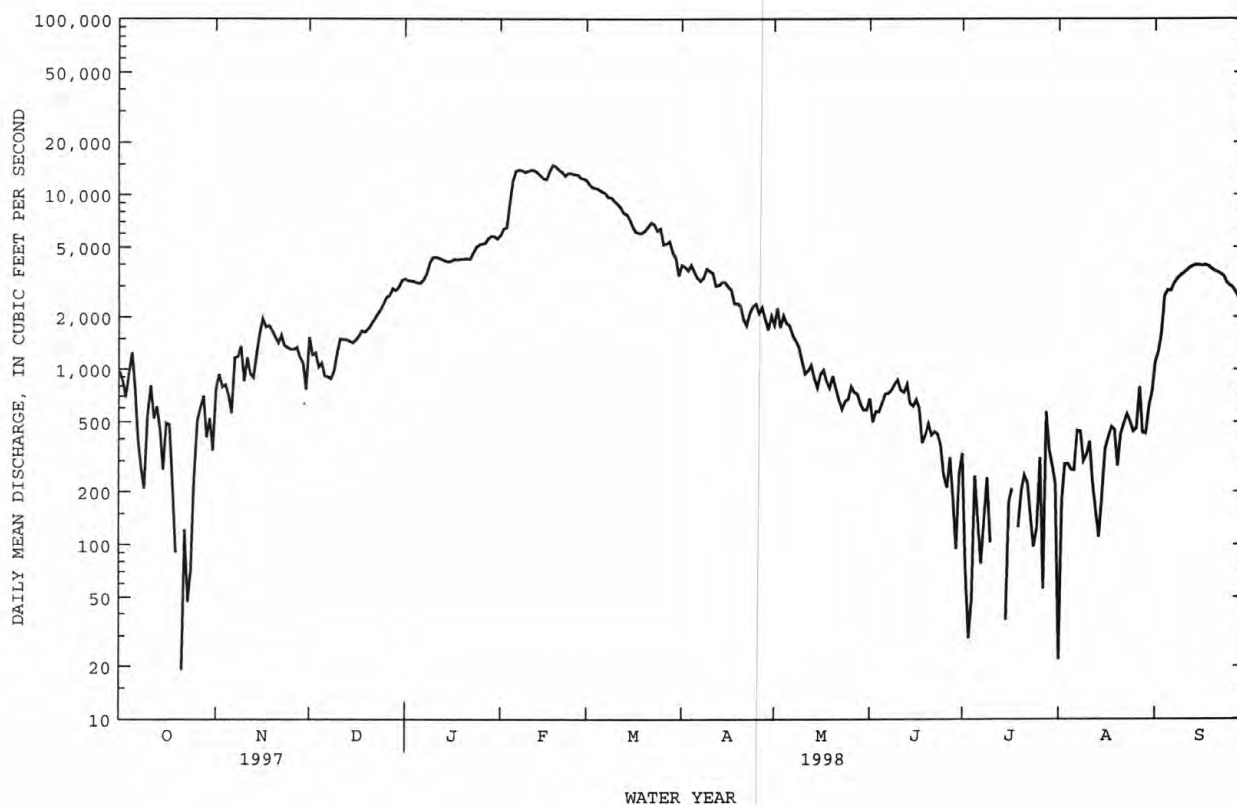
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02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1995 - 1998	
ANNUAL TOTAL	387557		1068605		2150	
ANNUAL MEAN	1062		2928		2928	
HIGHEST ANNUAL MEAN					1506	
LOWEST ANNUAL MEAN					14800	
HIGHEST DAILY MEAN	3520	Mar 3	14800	Feb 18	14800	Feb 18 1998
LOWEST DAILY MEAN	-321	Oct 20	-321	Oct 20	-321	Oct 20 1997
ANNUAL SEVEN-DAY MINIMUM	38	Oct 19	38	Oct 19	-73	May 16 1995
INSTANTANEOUS PEAK STAGE			14.66	* Feb 18	14.66	* Feb 18 1998
10 PERCENT EXCEEDS	2230		8610		5030	
50 PERCENT EXCEEDS	856		1460		1430	
90 PERCENT EXCEEDS	100		218		135	

e Estimated

* Also occurred on Feb. 19.



WACCAMAW RIVER BASIN

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 of 1.0 mg/L 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, June 24, 25, 1996; minimum, 3.5°C, Jan. 22 - 24, 1994.

DISSOLVED OXYGEN: Maximum, 10.6 mg/L, Jan. 23, 1992; minimum, 0.2 mg/L, Sept. 7 - 23, 1998.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.5°C, June 29; minimum, 6.0°C, Jan. 2, 3.

DISSOLVED OXYGEN: Maximum, 9.5 mg/L, Dec. 22; minimum, 0.2 mg/L, Sept. 7 - 23.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.0	22.5	18.5	17.0	17.5	12.0	11.0	11.5	7.5	6.5	7.0
2	22.5	22.0	22.0	17.5	17.0	17.5	12.0	11.5	12.0	6.5	6.0	6.5
3	22.0	21.0	21.5	17.5	16.5	17.0	12.0	11.5	12.0	6.5	6.0	6.5
4	22.0	21.0	21.5	16.5	16.0	16.5	12.0	12.0	12.0	7.5	6.5	7.0
5	22.5	21.5	22.0	16.0	15.5	16.0	12.0	11.5	12.0	8.5	7.5	8.0
6	22.5	21.5	22.0	15.5	15.0	15.5	11.5	10.5	11.0	10.0	8.5	9.5
7	23.0	22.0	22.5	15.0	14.5	15.0	10.5	9.5	10.0	12.0	10.0	11.0
8	23.0	22.5	23.0	15.0	14.5	14.5	9.5	8.5	9.0	14.0	12.0	13.0
9	23.5	23.0	23.0	14.5	14.0	14.5	9.0	8.0	8.5	14.5	14.0	14.0
10	23.5	23.0	23.5	14.5	14.0	14.0	8.5	8.0	8.5	14.0	13.5	13.5
11	24.0	23.0	23.5	14.5	14.0	14.0	9.0	8.5	9.0	13.5	12.5	13.0
12	24.0	23.5	24.0	14.0	13.5	14.0	9.5	9.0	9.5	12.5	12.0	12.5
13	24.5	23.5	24.0	13.5	13.0	13.5	9.5	9.5	9.5	12.5	12.0	12.5
14	24.5	23.5	24.0	13.0	13.0	13.0	9.5	9.0	9.5	12.5	12.0	12.0
15	24.0	23.0	23.5	13.0	12.5	13.0	9.0	8.5	8.5	12.0	11.5	11.5
16	23.0	22.0	22.5	12.5	12.0	12.5	8.5	8.0	8.0	11.5	11.0	11.0
17	22.0	21.5	21.5	12.0	11.0	11.5	8.0	7.5	8.0	11.0	10.5	11.0
18	21.5	20.5	21.0	11.0	10.5	10.5	8.0	7.5	7.5	10.5	10.0	10.5
19	20.5	20.0	20.5	10.5	10.0	10.5	8.0	7.5	7.5	10.0	9.5	10.0
20	20.0	19.5	20.0	10.0	10.0	10.0	8.0	7.5	7.5	9.5	9.0	9.5
21	20.0	19.5	19.5	10.5	9.5	10.0	8.5	7.5	8.0	9.0	8.5	9.0
22	19.5	18.5	19.0	11.5	10.5	10.5	8.5	8.0	8.5	9.0	8.5	9.0
23	18.5	18.0	18.5	12.0	11.5	11.5	9.0	8.5	8.5	11.0	9.0	10.0
24	18.0	17.5	18.0	12.0	11.5	12.0	9.5	9.0	9.0	11.0	11.0	11.0
25	19.0	18.0	18.0	12.0	11.5	11.5	11.0	9.5	10.5	11.0	10.5	11.0
26	19.5	18.5	18.5	11.5	11.0	11.5	11.0	10.5	11.0	10.5	10.0	10.0
27	19.5	18.5	19.0	11.5	10.5	11.0	11.5	11.0	11.0	10.5	10.0	10.0
28	18.5	18.0	18.0	10.5	10.0	10.5	11.0	10.0	10.5	10.0	10.0	10.0
29	18.5	17.5	18.0	10.5	10.5	10.5	10.0	9.0	9.5	10.0	9.5	9.5
30	18.5	17.0	17.5	11.0	10.5	11.0	9.0	8.0	8.5	10.0	9.5	9.5
31	19.0	17.0	18.0	---	---	---	8.0	7.5	7.5	10.0	9.5	9.5
MONTH	24.5	17.0	21.0	18.5	9.5	13.0	12.0	7.5	9.5	14.5	6.0	10.3

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY								MARCH				
1	9.5	9.0	9.0	14.5	14.0	14.5	20.0	19.5	19.5	18.5	18.0	18.5
2	9.0	8.5	9.0	15.0	14.5	14.5	20.5	19.5	20.0	19.0	18.0	18.5
3	10.0	9.0	9.5	15.0	14.0	14.0	20.0	19.5	20.0	19.0	18.5	19.0
4	11.0	9.0	10.0	14.0	13.5	13.5	19.5	19.0	19.5	19.5	19.0	19.0
5	11.0	10.0	10.5	13.5	13.0	13.0	19.0	18.0	18.5	19.5	18.5	19.0
6	10.0	10.0	10.0	13.5	13.0	13.0	18.0	17.5	18.0	20.0	19.0	19.5
7	10.0	9.5	9.5	13.0	13.0	13.0	18.0	17.0	17.5	20.0	19.5	20.0
8	9.5	9.0	9.0	14.0	13.0	13.5	18.0	17.5	17.5	21.0	19.5	20.5
9	9.0	8.5	8.5	15.0	14.0	14.5	19.0	18.0	18.5	21.5	20.5	21.0
10	9.0	8.5	8.5	15.0	14.5	14.5	18.5	18.0	18.5	21.5	21.5	21.5
11	9.0	8.5	9.0	14.5	13.0	13.5	18.0	17.5	17.5	22.0	21.5	21.5
12	10.0	9.0	9.5	13.0	11.5	12.0	17.5	17.0	17.5	22.0	21.5	21.5
13	10.0	9.5	9.5	11.5	11.0	11.0	17.0	16.5	17.0	21.5	21.0	21.5
14	10.0	9.5	9.5	11.5	10.5	11.0	16.5	16.0	16.0	21.5	21.0	21.5
15	10.0	9.5	9.5	12.0	11.0	11.5	16.5	15.5	16.0	22.0	21.0	21.5
16	10.0	9.5	9.5	12.0	11.5	11.5	17.5	16.5	17.0	22.0	21.0	21.5
17	12.0	10.0	11.0	12.0	11.5	11.5	18.0	17.5	18.0	22.5	21.5	22.0
18	13.0	12.0	12.5	12.0	11.0	11.5	18.5	18.0	18.5	23.0	22.0	22.5
19	13.5	12.5	13.0	13.5	12.0	13.0	19.5	18.5	19.0	23.5	22.5	23.0
20	14.0	13.0	13.5	14.5	13.5	14.0	20.0	19.5	19.5	24.0	23.0	23.5
21	14.0	13.0	13.5	14.5	14.0	14.5	20.5	19.5	20.0	25.0	24.0	24.5
22	13.5	13.0	13.5	14.5	13.5	14.0	20.0	19.5	19.5	25.0	24.5	25.0
23	13.5	13.0	13.0	14.5	14.0	14.0	19.5	18.0	19.0	25.5	24.5	25.0
24	13.0	12.5	13.0	14.0	14.0	14.0	18.0	17.5	18.0	25.5	25.0	25.5
25	13.5	12.5	13.0	14.0	13.5	14.0	18.0	17.5	17.5	26.0	25.0	25.5
26	13.5	13.0	13.0	14.5	13.5	14.0	18.0	17.5	18.0	26.5	25.5	26.0
27	13.5	13.0	13.0	15.5	14.5	15.0	18.5	17.5	18.0	27.0	26.0	26.5
28	14.0	13.0	13.5	16.5	15.5	16.0	19.0	18.0	18.5	26.5	26.0	26.0
29	---	---	---	17.5	16.5	17.0	19.0	18.5	18.5	26.5	26.0	26.0
30	---	---	---	18.5	17.5	18.0	19.0	18.5	18.5	27.0	26.0	26.5
31	---	---	---	19.5	18.5	19.0	---	---	---	27.5	26.5	27.0
MONTH	14.0	8.5	10.9	19.5	10.5	13.8	20.5	15.5	18.3	27.5	18.0	22.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE								JULY				
1	28.0	27.0	27.5	32.0	31.0	31.5	30.5	30.0	30.0	28.5	28.0	28.5
2	28.0	27.0	27.5	32.0	31.0	31.5	30.5	29.0	29.5	28.5	28.0	28.5
3	28.5	27.0	27.5	32.0	31.0	31.5	29.0	28.5	28.5	28.5	26.0	27.5
4	28.5	28.0	28.5	32.0	31.0	31.5	29.0	28.0	28.5	26.0	25.0	25.5
5	28.5	28.0	28.0	32.0	31.0	31.5	29.0	28.0	28.5	25.5	25.0	25.5
6	28.5	28.0	28.0	31.5	30.5	31.0	29.0	28.5	29.0	25.5	25.0	25.5
7	28.0	27.0	27.5	31.5	30.5	31.0	29.0	28.0	28.5	26.0	25.5	25.5
8	27.0	26.5	26.5	31.5	30.5	31.0	28.5	28.0	28.0	26.5	26.0	26.0
9	26.5	26.0	26.0	31.5	30.5	31.0	29.0	28.0	28.5	26.0	25.0	25.5
10	26.0	25.0	25.5	31.5	30.5	31.0	29.0	28.5	28.5	25.0	24.0	24.5
11	25.5	25.0	25.5	32.0	30.5	31.5	29.5	28.0	28.5	24.0	23.5	24.0
12	26.0	25.0	25.5	31.5	30.5	31.0	30.0	29.0	29.5	24.0	23.5	23.5
13	27.0	25.5	26.0	31.0	30.0	30.5	29.5	29.0	29.0	24.0	23.5	24.0
14	27.5	26.5	27.0	30.5	30.0	30.5	29.5	28.5	28.5	24.5	24.0	24.0
15	28.0	27.0	27.5	30.5	30.0	30.0	29.0	28.0	28.5	24.5	24.0	24.5
16	28.5	27.5	28.0	30.0	29.5	30.0	29.0	28.0	28.5	25.0	24.5	24.5
17	29.5	28.0	28.5	30.0	29.5	29.5	29.5	28.5	29.0	25.0	24.5	25.0
18	30.0	28.5	29.0	30.5	29.5	30.0	30.0	29.0	29.5	25.5	25.0	25.0
19	29.5	28.5	29.0	31.0	29.5	30.0	30.0	29.0	29.5	25.5	25.0	25.5
20	29.5	28.5	29.0	31.0	29.5	30.5	30.0	29.0	29.5	25.5	25.5	25.5
21	30.0	28.5	29.0	31.5	30.0	30.5	29.5	28.5	29.0	25.5	25.5	25.5
22	30.0	29.0	29.5	31.5	30.5	31.0	29.0	28.0	28.5	26.0	25.5	25.5
23	30.0	29.0	29.5	32.0	30.5	31.5	29.0	28.0	28.5	26.0	25.5	26.0
24	31.0	29.5	30.0	32.5	31.0	31.5	29.5	28.0	28.5	25.5	24.5	25.0
25	31.5	30.0	30.5	32.0	31.0	31.5	29.5	28.5	28.5	24.5	24.0	24.5
26	32.0	30.0	31.0	31.5	30.5	31.0	29.0	27.0	28.0	24.5	24.0	24.0
27	31.5	30.5	31.0	31.0	29.5	30.5	27.5	26.5	27.0	24.0	23.5	24.0
28	32.0	30.5	31.0	29.5	28.0	29.0	28.5	27.0	27.5	24.5	24.0	24.0
29	32.5	31.0	31.5	30.0	28.5	29.5	29.0	27.5	28.0	25.0	24.5	24.5
30	32.0	31.0	31.5	30.5	29.5	30.0	29.0	28.0	28.5	25.0	24.5	24.5
31	---	---	---	31.0	30.0	30.5	29.0	28.5	28.5	---	---	---
MONTH	32.5	25.0	28.4	32.5	28.0	30.7	30.5	26.5	28.6	28.5	23.5	25.2
YEAR	32.5	6.0	19.4									

WACCAMAW RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.3	4.8	5.2	5.8	4.9	5.3	6.5	6.0	6.2	8.7	8.4	8.5
2	5.4	4.9	5.1	5.5	5.1	5.4	6.1	5.8	5.9	8.9	8.7	8.8
3	5.3	4.8	5.1	5.6	5.3	5.4	6.0	5.6	5.9	9.0	8.7	8.8
4	5.2	4.8	5.1	5.6	5.3	5.5	5.9	5.6	5.8	8.8	8.7	8.7
5	5.0	4.7	4.9	5.9	5.6	5.7	6.1	5.6	5.8	8.7	8.3	8.6
6	5.0	4.7	4.9	6.0	5.7	5.9	6.8	6.0	6.4	8.4	8.0	8.2
7	5.0	4.8	4.9	6.0	5.7	5.9	7.2	6.7	6.9	8.0	7.5	7.8
8	4.9	4.4	4.7	6.1	5.9	6.0	7.5	7.1	7.3	7.5	6.9	7.2
9	4.7	4.5	4.6	6.2	6.0	6.1	8.1	7.4	7.8	6.9	6.3	6.5
10	4.6	4.4	4.5	6.2	5.9	6.1	8.6	7.9	8.3	6.3	6.1	6.2
11	4.5	4.4	4.5	6.0	5.8	5.9	8.4	8.0	8.2	6.1	5.8	6.0
12	4.5	4.3	4.4	6.1	5.9	6.1	8.2	7.8	8.0	5.9	5.7	5.8
13	4.5	4.3	4.4	6.7	5.9	6.3	7.8	7.5	7.7	5.8	5.7	5.7
14	4.3	4.2	4.2	6.7	6.3	6.5	7.8	7.6	7.7	5.8	5.7	5.7
15	4.4	4.1	4.2	6.5	6.3	6.4	8.3	7.8	8.1	5.9	5.7	5.8
16	4.6	4.2	4.3	6.6	6.4	6.5	8.5	8.3	8.4	6.0	5.9	6.0
17	4.7	4.2	4.4	6.8	6.5	6.7	8.8	8.5	8.7	6.1	6.0	6.1
18	4.8	4.2	4.5	7.0	6.7	6.9	8.9	8.6	8.8	6.2	6.1	6.2
19	4.9	4.4	4.6	7.3	6.9	7.0	9.1	8.8	9.0	6.6	6.1	6.4
20	4.6	4.4	4.5	7.5	7.2	7.3	9.2	8.9	9.1	6.6	6.5	6.6
21	4.8	4.3	4.5	7.6	7.4	7.5	9.3	8.9	9.2	6.7	6.6	6.7
22	4.7	4.3	4.5	7.6	7.2	7.4	9.5	8.9	9.2	6.8	6.7	6.8
23	5.0	4.5	4.6	7.2	6.8	7.0	9.4	8.9	9.1	7.5	6.8	7.2
24	5.3	4.6	4.7	6.9	6.4	6.7	9.1	8.7	8.9	7.2	6.6	6.9
25	5.3	4.6	4.8	6.7	6.2	6.5	8.9	8.4	8.6	6.6	6.6	6.6
26	5.3	4.7	4.8	6.4	6.0	6.3	8.4	8.1	8.2	6.7	6.5	6.6
27	5.3	4.7	4.9	6.6	6.3	6.4	8.4	7.9	8.1	7.0	6.4	6.7
28	5.5	4.7	4.9	6.8	6.4	6.6	7.9	7.9	7.9	7.0	6.6	6.7
29	5.7	5.0	5.4	6.9	6.6	6.7	8.2	7.8	8.0	6.6	6.5	6.6
30	5.6	5.1	5.3	6.9	6.4	6.6	8.4	8.1	8.3	6.9	6.5	6.7
31	5.5	5.0	5.2	---	---	---	8.5	8.3	8.4	6.8	6.6	6.7
MONTH	5.7	4.1	4.7	7.6	4.9	6.4	9.5	5.6	7.9	9.0	5.7	6.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.6	6.6	6.6	6.0	5.8	5.9	4.9	4.4	4.7	5.4	5.3	5.4
2	6.7	6.6	6.6	6.0	5.8	5.8	4.4	3.9	4.1	5.5	5.3	5.4
3	7.6	6.6	6.9	5.8	5.7	5.8	4.0	3.8	3.9	5.4	5.2	5.3
4	7.8	7.5	7.7	5.8	5.6	5.7	4.0	3.8	3.9	5.8	5.2	5.4
5	7.6	7.3	7.4	6.0	5.7	5.8	3.9	3.8	3.8	5.4	4.9	5.2
6	7.3	6.9	7.2	6.0	5.8	5.9	4.1	3.8	4.0	5.0	4.9	4.9
7	6.9	6.6	6.8	5.9	5.8	5.8	4.4	4.0	4.3	5.0	4.9	5.0
8	6.7	6.6	6.7	5.9	5.8	5.9	4.5	4.3	4.4	5.3	4.8	5.0
9	6.7	6.7	6.7	6.1	5.8	5.9	4.8	4.3	4.7	4.8	4.6	4.7
10	6.8	6.7	6.7	5.8	5.7	5.7	4.7	4.3	4.5	4.6	4.2	4.4
11	6.8	6.8	6.8	5.9	5.7	5.7	4.5	4.4	4.4	4.4	4.1	4.2
12	6.8	6.7	6.8	6.4	5.9	6.2	4.6	4.4	4.5	4.2	4.0	4.1
13	6.8	6.7	6.7	6.6	6.4	6.5	5.2	4.6	4.9	4.2	4.1	4.2
14	6.8	6.7	6.7	6.8	6.6	6.7	5.5	5.2	5.3	4.3	4.1	4.2
15	6.7	6.7	6.7	6.9	6.8	6.8	5.5	5.2	5.3	4.4	4.1	4.3
16	6.9	6.7	6.7	7.0	6.9	6.9	5.3	5.2	5.3	4.4	4.2	4.3
17	7.1	6.8	7.1	7.1	7.0	7.0	5.2	5.0	5.1	4.3	4.2	4.3
18	7.0	6.5	6.7	7.0	6.9	7.0	5.1	4.7	4.9	4.3	4.1	4.2
19	6.5	6.2	6.4	7.2	6.7	6.9	4.8	4.3	4.7	4.2	4.0	4.1
20	6.2	6.0	6.1	6.8	6.5	6.6	4.8	4.5	4.6	4.2	3.9	4.1
21	6.0	5.8	5.9	6.5	6.2	6.4	4.6	4.5	4.6	4.3	3.7	4.0
22	6.0	5.8	5.8	6.2	6.1	6.2	5.2	4.5	4.7	4.2	3.7	4.0
23	6.0	5.9	6.0	6.2	6.1	6.2	5.4	4.9	5.1	3.9	3.5	3.7
24	6.1	5.8	5.9	6.2	6.1	6.1	5.3	5.1	5.2	3.8	3.5	3.7
25	6.1	5.8	6.0	6.3	6.1	6.2	5.6	5.3	5.4	3.8	3.5	3.7
26	6.1	5.9	6.0	6.4	6.3	6.3	5.7	5.5	5.6	3.7	3.3	3.6
27	6.1	5.9	6.0	6.3	6.2	6.2	5.7	5.5	5.6	3.6	3.0	3.4
28	6.1	5.9	6.0	6.2	6.0	6.1	5.6	5.4	5.5	3.6	3.1	3.4
29	---	---	---	6.0	5.5	5.8	5.5	5.4	5.4	3.4	2.9	3.2
30	---	---	---	5.5	5.1	5.4	5.4	5.4	5.4	3.2	2.7	3.0
31	---	---	---	5.2	4.9	5.0	---	---	---	3.3	2.8	3.1
MONTH	7.8	5.8	6.6	7.2	4.9	6.1	5.7	3.8	4.8	5.8	2.7	4.2

LITTLE RIVER BASIN

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 and Hydrolab water-quality monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

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

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 5,680 microsiemens, July 12; minimum, 70 microsiemens, many days Jan. - Mar.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	234	144	167	110	89	99	104	83	90
2	160	110	136	174	142	153	142	87	107	100	85	89
3	174	122	142	174	130	149	130	92	107	100	83	88
4	---	---	---	170	128	145	122	92	105	95	81	86
5	---	---	---	168	120	144	112	95	103	100	82	86
6	166	132	148	162	130	147	116	95	104	99	81	88
7	196	136	161	144	124	137	118	93	105	104	81	89
8	268	146	185	152	118	135	116	95	103	93	80	87
9	---	---	---	158	120	136	140	93	104	98	74	83
10	---	---	---	164	130	142	240	94	120	90	71	77
11	324	158	204	170	122	144	144	102	116	97	77	82
12	948	162	343	160	134	145	128	108	117	99	79	85
13	550	174	305	260	124	163	154	100	119	94	78	84
14	498	174	276	184	122	143	118	98	107	89	78	83
15	870	172	381	190	120	140	118	96	105	86	81	84
16	3160	186	853	162	106	131	124	96	103	274	82	127
17	4440	202	1240	148	100	124	126	93	102	130	80	88
18	3890	210	1070	134	97	115	126	92	100	99	80	86
19	1430	210	722	120	91	103	122	93	103	94	79	84
20	446	178	275	112	90	99	122	95	103	97	76	84
21	344	178	236	114	91	97	124	96	103	92	74	81
22	206	166	188	124	91	97	130	95	105	94	74	81
23	188	158	173	124	92	99	116	97	103	146	75	95
24	182	154	168	122	93	103	122	100	111	90	73	78
25	194	152	167	132	93	104	138	95	113	97	70	79
26	190	154	172	130	92	104	158	94	111	91	72	79
27	194	164	175	118	93	100	118	92	100	84	72	78
28	250	160	187	124	92	102	130	92	102	85	73	78
29	310	166	212	110	93	101	114	92	98	89	71	76
30	216	158	185	128	90	103	112	84	94	84	70	74
31	204	162	178	---	---	---	102	84	91	87	70	75
MONTH	---	---	---	260	90	126	240	84	105	274	70	85

LITTLE RIVER BASIN

39

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	84	70	73	78	72	75	80	80	80	110	90	95
2	86	70	73	80	72	77	80	80	80	120	90	93
3	108	70	77	80	71	76	120	80	83	120	90	94
4	90	70	74	252	71	85	80	80	80	150	90	100
5	76	71	73	78	70	76	80	80	80	120	90	97
6	76	70	73	256	70	87	180	80	94	100	90	94
7	74	71	73	86	70	76	130	80	96	130	90	96
8	77	71	74	152	70	80	160	90	97	190	90	109
9	75	70	73	126	71	78	220	80	103	140	95	101
10	77	71	74	79	71	74	130	80	95	120	95	99
11	77	71	74	262	71	100	200	80	103	140	95	104
12	77	72	74	218	71	98	80	80	80	120	95	103
13	80	70	74	96	71	78	130	80	93	120	95	99
14	79	71	74	80	70	75	110	80	97	120	95	101
15	77	70	75	93	71	76	140	90	105	120	100	105
16	81	71	75	92	70	76	120	80	99	120	95	102
17	90	71	78	77	70	74	140	90	105	220	95	103
18	77	71	74	102	72	78	130	90	100	120	95	102
19	82	71	75	116	70	80	120	80	99	110	95	101
20	84	71	74	81	70	74	110	80	96	130	95	100
21	76	71	74	79	71	74	130	80	99	120	95	101
22	78	70	74	87	70	76	130	80	98	110	95	104
23	92	70	75	122	72	79	210	80	105	120	100	108
24	81	70	73	78	71	74	120	80	101	110	95	105
25	150	70	80	146	71	81	130	80	99	120	100	105
26	80	70	74	86	70	76	140	80	97	140	100	107
27	80	71	76	87	71	78	110	95	99	190	100	114
28	90	71	77	81	71	75	140	80	93	130	100	115
29	---	---	---	79	71	75	140	80	92	130	110	122
30	---	---	---	140	73	84	130	90	95	140	110	126
31	---	---	---	---	---	---	---	---	---	130	110	122
MONTH	150	70	75	---	---	---	220	80	95	220	90	104

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	260	100	130	200	80	155	320	150	190	200	150	178
2	140	110	122	200	80	172	180	150	164	220	150	175
3	130	110	122	400	150	200	170	140	156	420	160	184
4	160	80	128	210	80	154	190	130	150	510	80	192
5	140	110	128	190	80	116	240	130	156	180	140	163
6	140	110	126	550	80	177	350	130	173	180	140	158
7	130	110	122	580	80	189	290	140	161	160	130	145
8	130	110	123	560	80	209	260	150	166	150	120	134
9	140	110	124	780	80	242	300	150	179	130	120	129
10	250	110	144	3710	80	494	340	140	193	140	120	131
11	170	120	140	4970	80	953	320	150	193	130	110	124
12	220	120	153	5680	200	1400	330	150	212	120	110	117
13	180	120	143	3990	190	979	310	150	203	110	100	109
14	150	120	134	1530	190	568	580	160	247	120	100	107
15	160	110	132	730	80	357	220	160	188	120	100	109
16	130	110	124	310	80	219	230	150	178	120	100	106
17	140	110	126	510	170	254	210	150	170	120	100	108
18	190	120	141	1400	170	413	220	150	171	120	100	110
19	180	80	144	1180	170	390	420	150	197	120	100	113
20	250	120	153	950	170	358	310	160	203	120	100	113
21	420	120	183	810	170	315	270	160	177	130	100	114
22	310	120	176	1550	180	378	180	150	166	120	100	111
23	520	120	187	3490	190	624	180	140	161	120	100	111
24	800	80	228	3290	200	763	170	140	158	120	100	114
25	810	80	275	2260	230	617	170	140	157	120	100	111
26	1120	140	321	---	---	---	410	150	238	120	100	108
27	260	130	167	---	---	---	220	180	196	120	100	109
28	180	130	153	230	170	199	200	150	174	120	100	111
29	180	130	153	200	160	188	250	160	184	120	100	111
30	160	80	141	190	150	179	190	170	180	150	110	120
31	---	---	---	220	140	170	200	170	183	---	---	---
MONTH	1120	80	155	---	---	---	580	130	181	510	80	128

LITTLE RIVER BASIN

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 Intercoastal Waterway, 50 ft south of Black Creek, 3.5 mi northeast of Myrtle Beach, and at AIW mile 361.8.

PERIOD OF RECORD.--Water years 1986 to 1989, 1994 to current year.

PERIOD OF DAILY RECORD.--

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

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, interfaced with Hydrolab water-quality monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, Nov. 26, 1996; minimum, 32 microsiemens, Sept. 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, July 21, 1986, July 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, Sept. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 241 microsiemens, Oct. 15; minimum, 54 microsiemens, Mar. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	101	79	91	173	134	154	117	102	109	104	86	91
2	107	88	98	149	120	134	113	99	106	90	86	88
3	111	90	101	136	112	124	113	94	102	90	84	86
4	117	96	104	128	107	117	110	98	102	87	84	86
5	118	102	108	128	109	118	110	97	103	86	83	85
6	122	106	115	126	104	116	112	102	105	100	83	88
7	134	112	121	120	109	115	108	100	104	97	86	90
8	137	119	128	128	117	123	110	100	105	97	83	88
9	143	123	131	136	117	127	116	100	109	89	82	83
10	142	123	131	136	120	128	136	108	119	83	82	83
11	146	122	134	144	122	129	126	112	119	89	83	85
12	164	124	140	141	123	131	128	108	114	94	83	85
13	159	131	143	160	125	141	126	106	112	87	83	84
14	169	133	147	159	135	147	116	104	110	92	83	85
15	241	133	179	158	127	139	114	102	109	87	83	84
16	178	141	160	150	118	130	112	100	105	90	83	87
17	192	142	165	134	108	122	110	100	103	87	83	84
18	188	144	165	123	97	109	108	98	104	87	83	84
19	185	143	164	112	101	106	108	98	102	89	83	85
20	167	135	152	112	103	107	112	100	103	86	83	84
21	165	139	151	112	101	107	110	100	106	84	82	83
22	172	141	151	111	96	105	122	104	112	83	82	83
23	162	144	150	115	100	109	124	108	115	90	81	84
24	156	142	149	123	106	112	130	110	119	83	80	81
25	161	148	154	118	102	111	130	106	116	83	81	82
26	163	143	154	114	101	108	116	98	104	82	81	82
27	163	145	154	115	99	106	122	98	109	83	81	82
28	172	143	156	115	98	106	112	95	100	83	81	82
29	180	152	162	110	98	104	110	95	102	83	80	81
30	168	142	154	120	97	108	100	89	94	81	80	81
31	157	134	144	---	---	---	100	89	93	81	80	80
MONTH	241	79	141	173	96	120	136	89	107	104	80	84

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	81	79	80	76	64	68	79	58	73	83	79	80
2	81	79	80	70	64	68	79	70	77	81	78	80
3	81	79	80	76	64	68	80	66	75	81	78	79
4	80	78	79	74	64	68	81	62	76	83	72	80
5	79	76	78	76	64	68	79	68	76	81	77	79
6	79	78	79	74	62	68	80	74	78	80	72	78
7	79	78	79	72	64	69	79	68	77	81	77	78
8	79	76	78	74	68	71	80	70	78	87	77	81
9	79	74	77	76	72	74	82	78	80	88	78	82
10	78	74	76	76	70	74	81	79	80	91	78	83
11	78	72	76	79	68	72	80	78	79	94	81	85
12	79	74	77	76	66	72	82	79	80	92	80	83
13	79	74	76	78	70	73	80	79	80	91	81	84
14	79	72	76	76	70	74	80	76	79	92	84	87
15	79	70	74	76	64	67	80	74	79	94	83	87
16	80	70	75	78	64	71	80	78	80	92	83	86
17	80	74	78	74	62	68	80	79	80	93	84	88
18	78	68	72	76	66	71	80	79	80	93	84	88
19	78	70	74	79	64	75	80	79	80	93	84	87
20	78	70	76	78	56	70	80	79	79	88	83	85
21	78	70	73	74	54	68	80	79	80	92	84	87
22	79	70	73	76	66	72	79	74	77	97	83	89
23	79	72	77	78	64	72	94	77	83	93	83	88
24	78	68	73	78	68	76	89	79	83	97	85	89
25	74	66	71	78	66	72	85	77	81	97	88	91
26	78	66	71	78	68	74	84	79	81	97	88	91
27	79	62	69	78	62	73	85	79	81	100	88	93
28	79	68	75	76	62	68	86	79	82	104	92	98
29	---	---	---	76	58	68	87	79	81	108	92	98
30	---	---	---	76	62	70	83	79	80	107	91	97
31	---	---	---	76	58	71	---	---	---	103	88	95
MONTH	81	62	76	79	54	71	94	58	79	108	72	86

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	99	87	93	143	126	135	153	134	144	149	137	144
2	106	87	96	153	137	145	152	124	140	151	137	144
3	103	89	96	160	137	149	131	114	124	194	141	154
4	106	89	96	149	125	138	131	115	123	161	120	142
5	107	90	97	140	125	132	138	123	129	130	109	123
6	105	90	98	147	128	136	147	133	138	128	107	120
7	104	91	97	151	126	138	156	133	148	123	102	112
8	106	90	98	152	128	139	154	125	142	134	109	116
9	106	91	97	154	131	139	147	125	139	148	113	126
10	111	93	100	168	141	151	147	133	141	125	108	117
11	117	98	108	180	156	166	151	135	144	115	106	112
12	118	95	104	185	168	178	154	140	148	113	102	109
13	110	91	99	192	170	181	156	142	150	119	101	111
14	104	91	97	191	169	180	159	143	153	127	100	113
15	105	90	96	189	162	175	158	147	154	129	99	114
16	101	87	95	174	158	167	153	144	150	124	99	113
17	101	88	95	172	159	166	155	141	150	124	99	113
18	107	92	99	176	164	170	154	143	148	123	99	112
19	108	89	100	177	163	170	160	146	151	126	100	114
20	106	90	97	175	160	169	162	151	157	129	101	116
21	108	88	99	172	153	163	162	140	152	129	102	116
22	107	89	97	171	153	161	153	134	144	128	100	116
23	111	90	99	171	154	162	145	114	132	128	102	117
24	117	94	104	173	159	166	132	109	121	129	104	117
25	122	99	110	173	160	167	126	114	121	128	103	117
26	126	104	113	173	151	163	148	126	135	127	102	117
27	120	104	111	183	148	165	158	148	155	127	102	116
28	121	107	115	175	121	148	162	147	157	127	101	115
29	127	116	122	153	124	136	166	147	158	123	101	114
30	145	123	129	145	132	139	158	144	153	---	---	---
31	---	---	---	145	132	139	151	132	145	---	---	---
MONTH	145	87	102	192	121	156	166	109	143	---	---	---

LITTLE RIVER BASIN

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.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1987 to current year.

INSTRUMENTATION.--Data collection platform, interfaced with Hydrolab water-quality monitor.

REMARKS.--Prior to Oct. 1, 1990 and after April 29, 1998, values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 24,300 microsiemens, Oct. 18; minimum, 100 microsiemens, many days.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	299	140	227	460	140	251	400	120	212	280	100	156
2	417	140	243	320	120	238	1120	100	273	300	100	151
3	496	100	240	300	140	193	1060	100	260	320	100	156
4	397	120	217	360	100	188	460	120	242	300	100	161
5	456	139	239	580	100	210	400	120	205	240	100	160
6	652	100	274	1400	160	334	300	100	165	200	100	148
7	1440	179	366	500	120	235	280	100	159	280	100	172
8	4260	100	702	540	100	251	420	100	189	220	100	156
9	5000	120	847	360	100	181	240	100	128	200	100	140
10	3360	178	628	680	140	262	400	100	182	180	100	126
11	4450	178	868	620	120	265	600	100	251	340	100	171
12	10400	178	2210	740	100	260	740	200	291	320	120	185
13	9220	235	2100	3000	100	645	1000	100	284	200	100	116
14	9960	234	2380	2680	120	514	520	100	208	220	120	155
15	12700	157	3540	1180	300	499	820	100	163	260	100	179
16	19900	232	5970	1060	240	412	380	100	160	240	100	140
17	23900	304	6750	1120	220	401	560	100	156	160	100	106
18	24300	299	6580	460	200	305	320	100	154	140	100	103
19	20100	343	5610	860	120	270	280	100	150	260	100	147
20	12400	192	2010	320	140	219	420	100	141	300	100	187
21	11200	137	1970	420	120	228	260	100	165	320	100	131
22	1660	260	553	300	100	228	240	140	201	300	100	129
23	700	200	341	400	200	286	280	120	193	180	100	104
24	640	120	294	360	200	245	260	100	196	240	100	117
25	500	180	283	400	160	258	920	180	278	240	100	125
26	1060	240	386	460	100	250	380	140	216	200	100	131
27	920	120	284	300	100	216	260	100	202	340	120	180
28	5020	180	796	340	140	224	240	100	168	280	100	140
29	6900	240	1250	420	180	231	320	100	178	300	100	144
30	1620	140	438	1200	180	343	400	120	190	240	100	120
31	1280	200	410	---	---	---	360	120	179	300	100	126
MONTH	24300	100	1580	3000	100	288	1120	100	198	340	100	144

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	340	100	149	---	---	---	340	100	181	100	100	100
2	200	100	128	---	---	---	300	140	225	100	100	100
3	200	100	121	---	---	---	220	100	129	100	100	100
4	260	100	180	---	---	---	260	100	188	100	100	100
5	280	120	176	---	---	---	280	100	120	100	100	100
6	260	140	190	---	---	---	240	120	170	100	100	100
7	200	120	174	---	---	---	340	140	198	100	100	100
8	340	120	193	---	---	---	340	160	230	100	100	100
9	300	100	173	---	---	---	360	160	259	100	100	100
10	380	100	133	360	240	284	460	120	254	120	100	100
11	200	100	137	400	220	295	480	180	269	120	110	114
12	300	100	167	360	240	288	360	120	220	120	100	111
13	180	100	106	400	220	312	300	120	220	120	100	108
14	200	100	113	320	220	279	300	100	203	130	110	112
15	1260	100	668	340	180	273	360	100	217	130	110	116
16	100	100	100	320	140	248	380	180	254	130	100	110
17	180	100	111	280	200	249	340	200	242	110	100	106
18	---	---	---	400	100	238	340	120	220	120	100	110
19	---	---	---	340	140	235	360	180	242	120	100	110
20	---	---	---	420	180	275	300	140	228	110	100	106
21	---	---	---	320	200	240	300	140	210	120	100	108
22	---	---	---	300	180	217	260	120	190	300	110	132
23	---	---	---	320	100	213	360	100	183	170	110	126
24	---	---	---	400	160	252	300	180	222	240	110	128
25	---	---	---	260	100	190	400	120	205	160	110	119
26	---	---	---	360	100	207	360	140	240	200	110	119
27	---	---	---	320	120	204	---	---	---	360	110	125
28	---	---	---	340	100	226	---	---	---	410	120	138
29	---	---	---	280	100	174	---	---	---	680	120	177
30	---	---	---	240	100	172	110	100	100	580	120	185
31	---	---	---	340	100	212	---	---	---	280	120	151
MONTH	---	---	---	---	---	---	---	---	---	680	100	117
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	180	120	135	1370	140	305	5170	160	869	1550	170	331
2	240	120	145	2820	150	673	740	170	283	3010	170	466
3	370	120	165	6770	160	1080	---	---	---	6710	170	1310
4	1530	130	292	4110	170	997	---	---	---	1570	160	258
5	620	130	210	1410	170	341	3300	150	502	1100	150	277
6	300	120	156	6500	170	1120	4910	150	790	840	140	255
7	210	120	137	7790	170	1290	2070	150	365	360	130	180
8	360	120	151	8170	170	1330	2400	160	405	240	120	142
9	510	120	162	9310	170	1360	3940	170	538	440	120	160
10	1090	120	225	16800	200	3070	3940	170	664	220	130	149
11	2900	130	388	20500	280	5200	3800	170	792	150	120	135
12	2900	130	349	20500	390	6700	5320	180	1220	130	120	124
13	1880	130	253	20800	290	4900	6150	180	1290	130	110	118
14	570	130	203	16900	270	4180	9010	180	1680	120	110	115
15	990	120	224	12900	220	2930	4570	180	1040	120	110	114
16	270	120	156	7840	210	1750	2340	170	426	120	110	113
17	320	120	165	7330	190	1400	1700	170	352	120	110	113
18	1930	130	350	12000	200	2560	2270	170	436	150	110	116
19	2420	130	451	11400	200	2420	5310	170	876	170	110	122
20	3270	130	560	10900	200	2250	5510	180	1010	160	110	123
21	5950	140	939	10100	200	1860	2010	170	412	160	110	124
22	4600	130	716	13500	190	2370	830	170	272	140	110	117
23	6800	130	1050	18300	230	3770	660	160	240	180	110	126
24	9880	140	1480	18300	260	4500	870	160	263	230	110	136
25	12300	150	1920	17000	240	3470	2190	160	352	160	110	125
26	12300	150	1460	14200	210	1790	5140	160	1130	140	110	119
27	5630	140	642	11700	220	2700	220	100	167	150	110	122
28	2860	140	481	1510	200	360	560	160	225	210	110	130
29	2180	150	487	710	190	300	4610	170	752	700	110	185
30	1070	140	272	640	180	284	3170	180	528	1170	110	245
31	---	---	---	570	160	250	2800	190	455	---	---	---
MONTH	12300	120	477	20800	140	2180	---	---	---	6710	110	205

LITTLE RIVER BASIN

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 - 98 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Four auxiliary stations (02110704, 02110802, 02110815, 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 complete outgoing tide cycles during the day.

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	-2	387	253	374	4080	6910	e5200	3450	1150	210	2120	-21
2	275	-73	671	1290	4070	6390	e4800	2150	73	1840	1770	-26
3	335	-199	-186	1560	4500	5320	e4600	1420	533	2700	315	-886
4	508	-40	66	1740	5270	4380	e4400	1460	725	3120	-306	625
5	604	231	292	2000	5610	4670	e4200	1420	647	2480	-90	-312
6	784	771	360	1940	7170	4310	e4000	e1450	449	2550	-69	454
7	316	852	587	1820	9070	4740	e3800	e1490	523	2740	-593	1100
8	279	935	528	1540	9760	4680	e3600	e1510	568	2170	-566	973
9	482	1120	380	444	9790	4600	e3400	e1540	642	1940	-204	556
10	383	686	259	-80	9740	3120	e3200	e1570	701	1620	28	2130
11	572	503	-96	845	8860	2830	e3000	e1600	563	2000	-214	1870
12	545	30	373	1040	8410	4740	e2800	e1630	1610	1510	-62	1570
13	700	-197	543	1390	7270	5140	e2600	e1690	1590	1110	-118	1200
14	441	320	495	986	7060	5300	e2400	1720	1370	511	2	1300
15	-13	-519	1040	2410	6470	4670	e2200	2120	1420	404	416	1440
16	127	308	832	2610	6180	5340	1730	1550	1100	56	e390	1430
17	420	1040	302	873	6070	5830	2310	680	651	-159	e380	1460
18	405	1310	-123	1980	6140	5760	1700	1020	567	-277	e410	1410
19	950	1100	342	3710	5710	5320	2510	1700	448	-170	e450	1770
20	-7	1250	e300	3820	5650	5050	1500	1270	e400	-46	e490	1770
21	142	1140	e300	2850	5510	5170	2720	834	e350	-51	e510	1900
22	195	1120	e300	2430	5230	4380	3770	1320	e300	-108	e525	1710
23	346	814	e300	2560	6240	5160	2890	2540	e200	801	e500	2380
24	211	628	e300	1670	6350	5650	2360	2010	19	2310	e480	2390
25	73	774	341	1410	6160	5120	1510	1850	373	e1500	e460	1780
26	278	986	256	2940	7670	5260	1760	1210	837	e1700	e480	1660
27	350	697	825	4920	8350	4230	1830	539	446	e1900	e500	1450
28	-215	901	504	3900	7620	5430	3140	65	384	e1800	e400	1270
29	755	615	1920	2230	---	6330	4540	316	586	2000	99	e1100
30	690	625	617	4330	---	5560	3370	608	623	614	533	e1050
31	633	---	-377	4570	---	e5400	---	917	---	1140	365	---
TOTAL	11562	18115	12504	66102	190010	156790	91840	44649	19848	39915	9401	36503
MEAN	373	604	403	2132	6786	5058	3061	1440	662	1288	303	1217
MAX	950	1310	1920	4920	9790	6910	5200	3450	1610	3120	2120	2390
MIN	-215	-519	-377	-80	4070	2830	1500	65	19	-277	-593	-886

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

	1920	1204	1298	2236	2611	2412	1646	752	629	889	1027	1549
MEAN	1920	1204	1298	2236	2611	2412	1646	752	629	889	1027	1549
MAX	5913	2915	3363	5361	6786	5058	3250	1440	1472	2027	2562	6815
(WY)	1997	1996	1995	1995	1998	1998	1993	1998	1992	1996	1996	1996
MIN	373	349	379	961	966	1183	432	-15.0	304	196	303	329
(WY)	1998	1994	1992	1994	1992	1992	1995	1995	1997	1997	1998	1990

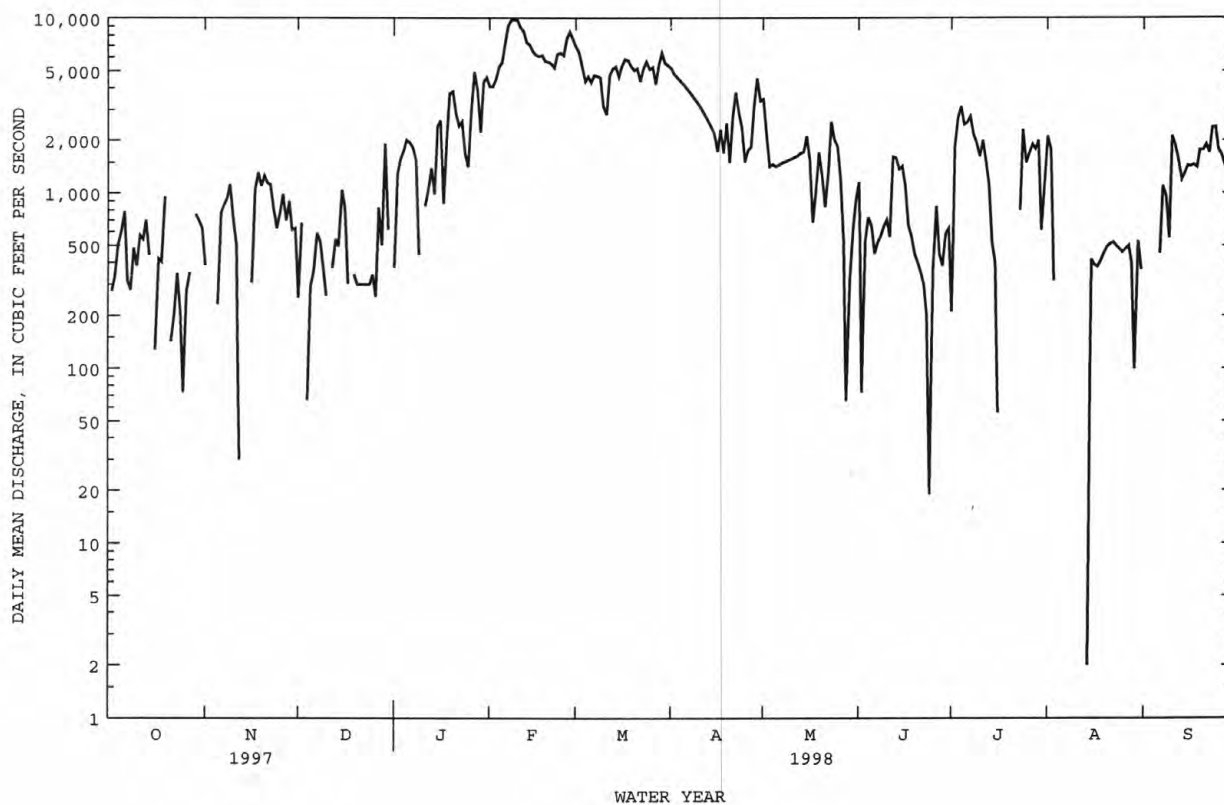
LITTLE RIVER BASIN

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

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1990 - 1998	
ANNUAL TOTAL	327232		697239		1731	
ANNUAL MEAN	897		1910		2130	
HIGHEST ANNUAL MEAN					1103	
LOWEST ANNUAL MEAN					10000	
HIGHEST DAILY MEAN	3520	Mar 3	9790	Feb 9	-886	Sep 16 1996
LOWEST DAILY MEAN	-519	Nov 15	-886	Sep 3	-886	Sep 3 1998
ANNUAL SEVEN-DAY MINIMUM	40	Aug 25	-257	Aug 4	-257	Aug 4 1998
INSTANTANEOUS PEAK STAGE			17.62	Feb 27	18.37	Oct 8 1996
10 PERCENT EXCEEDS	2020		5280		3110	
50 PERCENT EXCEEDS	545		1140		1090	
90 PERCENT EXCEEDS	65		29		203	

e Estimated



LITTLE RIVER BASIN

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.--Data collection platform and Hydrolab water-quality monitor.

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, 33.0°C, July 21, 1986, July 21, 1987, July 8 - 10, 1993, July 29 - Aug. 1, 1995; minimum, 2.0°C, Dec. 23 - 26, 28, 1989.

DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, 1988; minimum, 0.1 mg/L, Sept. 16, 17, 1998.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 43,700 microsiemens, Oct. 18; minimum, 65 microsiemens, Nov. 15.

WATER TEMPERATURE: Maximum, 32.5°C, June 27, 28, 30; minimum, 6.5°C, Jan. 2, 3.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Feb. 17; minimum, 0.1 mg/L, Sept. 16, 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9190	210	2720	11700	390	3310	13300	230	2940	4000	100	483
2	8670	330	3150	10100	270	2050	22800	270	5020	200	100	117
3	13300	330	4380	10500	240	2190	13500	290	3710	200	100	108
4	10200	360	3590	9960	240	2220	12200	290	2750	200	100	104
5	11300	300	3290	14000	230	3350	6910	75	1590	100	100	100
6	13200	340	3950	21700	390	6010	10700	170	2600	100	100	100
7	15700	400	5240	14900	410	4630	7900	200	2680	100	100	100
8	21500	660	8230	16700	320	4970	6370	75	2340	100	100	100
9	22000	1020	10200	15700	430	5690	6700	75	2460	100	100	100
10	21000	690	8910	21300	500	7220	12000	75	2920	100	100	100
11	22100	830	9860	16000	480	5870	15600	75	4690	100	100	100
12	30900	2430	15300	20700	440	6360	18600	350	4870	300	100	113
13	30400	2150	16700	27300	100	10000	23500	320	5820	200	100	113
14	32300	2370	17000	27900	590	7670	20600	300	5010	100	100	100
15	34700	3000	18900	23500	65	5970	25500	300	5630	200	100	104
16	40000	5230	24600	21300	70	5620	10200	270	2310	100	100	100
17	43100	8270	27400	21600	340	5040	8610	210	1390	100	100	100
18	43700	7440	27500	13500	320	3380	7900	190	1260	100	100	100
19	40100	10400	26300	7900	260	1900	3960	200	1060	100	100	100
20	35500	1710	17700	5690	200	1480	1890	200	759	100	100	100
21	32800	3140	17800	7440	190	1870	6960	200	1790	100	100	100
22	23600	1060	11800	2730	180	847	9390	290	3390	100	100	100
23	17300	590	7410	4470	180	1430	2300	100	567	100	100	100
24	16000	530	5790	7900	210	2430	8800	100	2870	100	100	100
25	12400	420	5200	9520	280	3760	6100	100	1300	100	100	100
26	18200	620	7230	12400	360	3850	2700	100	702	100	100	100
27	17300	810	6690	4040	230	1630	6600	100	977	100	100	100
28	24100	75	8290	11300	210	2650	3900	100	706	100	100	100
29	26800	3520	14300	8910	230	2230	21200	100	3350	100	100	100
30	20900	1130	9070	24900	230	5150	400	100	138	100	90	98
31	19900	630	7100	---	---	---	900	100	154	100	90	95
MONTH	43700	75	11500	27900	65	4030	25500	75	2510	4000	90	114

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	100	90	93	80	80	80	100	90	90	190	100	108
2	100	90	90	80	80	80	90	90	90	110	90	98
3	100	90	95	80	80	80	100	90	93	100	90	100
4	100	90	98	80	80	80	110	90	100	100	90	100
5	90	90	90	80	80	80	100	90	99	100	100	100
6	90	80	88	80	80	80	---	---	---	100	90	100
7	90	80	82	80	80	80	---	---	---	210	100	110
8	80	80	80	100	80	82	---	---	---	190	100	113
9	80	80	80	110	80	97	---	---	---	470	100	141
10	80	80	80	110	90	97	120	100	109	8240	110	1150
11	80	80	80	100	90	91	430	100	155	7800	130	1420
12	80	80	80	90	80	87	290	110	147	2850	130	652
13	80	80	80	100	80	91	250	100	128	12600	120	1220
14	80	80	80	100	90	95	170	100	110	18700	130	1950
15	80	80	80	100	90	93	170	100	108	18700	160	2150
16	80	80	80	90	90	90	190	100	111	8520	120	780
17	100	80	90	90	90	90	190	100	112	690	110	203
18	80	80	80	90	90	90	140	100	106	1110	120	233
19	80	80	80	100	90	97	160	100	114	1500	110	319
20	80	80	80	100	90	97	110	100	102	500	110	196
21	80	80	80	100	90	93	530	100	168	6080	110	760
22	80	80	80	100	90	93	490	100	190	23600	130	3630
23	90	80	85	100	90	97	810	110	284	12700	220	2970
24	90	80	82	100	90	95	710	110	268	22300	180	3540
25	80	80	80	100	90	96	2260	110	285	16300	170	2620
26	80	80	80	100	90	94	950	100	269	17000	140	2130
27	80	80	80	100	90	93	5390	100	550	17500	150	2400
28	80	80	80	100	90	93	3650	110	608	18000	180	2550
29	---	---	---	100	90	92	1180	100	197	18000	260	3660
30	---	---	---	100	90	90	200	100	110	19500	270	3540
31	---	---	---	100	90	91	---	---	---	9730	220	2550
MONTH	100	80	83	110	80	90	---	---	---	23600	90	1340

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	5630	180	1600	1710	75	616	2460	80	920	18100	440	6950
2	10600	230	3240	2160	100	1060	1810	80	883	20200	450	7290
3	13400	270	4140	2460	120	1220	1390	75	473	31300	510	10300
4	19400	440	6500	2330	140	1280	2120	75	547	15100	240	3550
5	16700	350	6070	1750	80	779	2340	80	736	22000	250	4540
6	9970	260	3190	2530	80	975	2620	80	901	18900	310	5750
7	10700	170	2080	2710	90	1130	2390	80	718	13300	270	4060
8	12500	180	2350	2630	90	1140	2470	80	722	7050	200	2000
9	14100	180	2650	2920	80	1080	2760	80	872	17800	170	3720
10	---	---	---	3300	440	1650	2830	90	1020	11100	220	2470
11	---	---	---	3480	860	2120	27000	130	7760	8070	160	1430
12	---	---	---	3570	1110	2390	27000	1600	12300	3600	140	764
13	1770	70	408	3570	570	2120	26100	1570	12600	3220	120	520
14	1360	80	415	3400	670	2180	30400	1410	14400	3340	120	614
15	1850	70	401	3640	280	1970	25000	1250	12800	5820	120	938
16	970	70	288	3090	230	1620	22300	470	8180	4630	120	936
17	960	70	298	2730	140	1440	19400	400	6510	4900	120	992
18	1970	80	668	3320	270	1720	23900	370	6650	9180	120	1630
19	2310	80	824	3440	180	1750	26800	720	8900	9100	170	2720
20	2500	75	786	3500	180	1730	28500	1280	12400	9950	170	2610
21	2880	80	1040	3160	130	1550	22700	670	8940	8460	240	2380
22	3000	80	1000	3570	130	1620	18300	410	6160	4540	150	1390
23	3250	80	1080	3700	430	2020	17500	340	4960	10000	160	2710
24	3480	80	1350	3520	730	2230	15500	480	5660	11800	290	3350
25	3560	160	1600	3430	500	2090	24100	630	7260	8110	180	2120
26	2890	90	1410	3410	160	1630	25500	400	10800	7020	150	1510
27	2760	80	937	3410	490	1880	7200	200	1750	9820	150	2090
28	2200	80	852	2380	80	758	11900	330	4180	11700	190	3170
29	1970	100	847	1550	80	620	21300	780	8830	16500	280	5090
30	1710	80	595	1400	80	575	19300	760	9360	18700	420	6730
31	---	---	---	1470	80	548	18700	560	8040	---	---	---
MONTH	---	---	---	3700	75	1470	30400	75	6010	31300	120	3140

LITTLE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.0	23.5	18.5	17.5	18.0	14.0	13.5	14.0	8.5	7.0	8.0
2	23.5	22.5	23.0	18.5	18.0	18.0	14.0	13.0	13.5	8.5	6.5	7.5
3	23.0	22.0	22.5	18.0	17.0	17.5	13.5	12.5	13.0	8.0	6.5	7.5
4	24.0	22.0	23.0	17.5	16.5	17.0	13.5	13.0	13.5	8.5	7.0	8.0
5	24.5	22.5	23.5	17.0	15.5	16.5	13.5	12.5	13.0	9.5	8.0	9.0
6	25.0	23.0	23.5	16.5	15.5	16.0	12.5	11.5	12.0	11.0	9.5	10.0
7	25.0	23.0	24.0	16.0	15.5	16.0	12.0	10.5	11.0	12.5	10.5	11.5
8	25.5	23.5	24.5	16.0	15.0	15.5	11.0	10.0	10.5	13.5	12.0	13.0
9	25.5	24.0	25.0	16.0	15.0	15.5	10.5	10.0	10.0	15.0	13.5	14.5
10	25.5	24.5	25.0	16.0	15.0	15.5	11.0	10.0	10.5	15.0	14.0	14.5
11	26.0	24.5	25.0	16.0	15.0	16.0	11.5	10.0	11.0	14.5	13.0	13.5
12	25.5	24.5	25.0	16.0	15.5	15.5	11.5	11.0	11.5	13.5	13.0	13.0
13	25.5	24.5	25.0	15.5	15.0	15.0	11.5	11.0	11.0	13.0	12.5	13.0
14	26.0	25.0	25.5	15.5	15.0	15.0	11.0	10.0	10.5	13.0	12.0	12.5
15	25.5	23.5	25.0	15.5	14.0	14.5	10.0	9.0	9.5	12.0	11.5	11.5
16	23.5	22.0	23.0	14.5	14.0	14.0	10.0	9.0	9.0	12.0	11.5	11.5
17	22.0	21.0	22.0	14.0	13.0	13.0	10.0	9.0	9.5	11.5	10.5	11.0
18	21.5	20.5	21.0	13.0	12.0	12.5	9.5	8.5	9.0	11.0	10.0	10.5
19	20.5	20.0	20.0	12.5	12.0	12.5	9.5	8.5	9.0	10.5	10.0	10.0
20	20.5	19.5	20.0	12.5	11.5	12.0	10.0	8.5	9.0	10.0	9.5	10.0
21	20.0	19.0	19.5	13.0	11.5	12.0	10.0	9.0	9.5	9.5	9.0	9.5
22	20.0	18.5	19.0	14.0	12.5	13.0	10.0	9.5	9.5	10.0	9.0	9.5
23	19.0	17.5	18.5	14.5	13.5	14.0	10.0	9.5	9.5	11.0	9.5	10.5
24	18.5	17.5	18.0	14.0	13.0	13.5	10.0	9.5	10.0	12.5	11.0	12.0
25	19.0	18.5	18.5	13.0	12.0	13.0	11.5	10.0	10.5	11.5	11.0	11.5
26	19.5	19.0	19.0	13.0	12.0	12.5	11.5	10.5	11.0	11.0	10.5	10.5
27	19.5	18.5	19.5	13.0	12.0	12.5	11.5	11.0	11.5	10.5	10.5	10.5
28	19.0	18.0	18.5	13.0	12.0	12.5	11.5	10.5	11.0	10.5	10.0	10.0
29	18.5	17.5	18.0	13.0	12.5	12.5	10.5	10.0	10.0	10.5	9.5	10.0
30	18.0	17.5	17.5	14.0	13.0	13.5	10.0	8.5	9.5	10.5	10.0	10.0
31	18.0	17.5	17.5	---	---	---	9.0	8.0	8.5	10.0	9.5	10.0
MONTH	26.0	17.5	21.7	18.5	11.5	14.5	14.0	8.0	10.7	15.0	6.5	10.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	9.5	9.5	15.0	14.0	14.5	20.0	19.5	19.5	20.0	18.5	19.0
2	9.5	9.0	9.5	15.5	14.5	14.5	21.0	19.5	20.0	20.0	19.0	19.5
3	10.5	9.5	10.0	14.5	13.5	14.0	20.5	20.0	20.0	21.0	19.0	20.0
4	11.5	10.5	11.0	14.0	13.5	14.0	20.5	19.0	20.0	21.0	20.0	20.5
5	11.5	10.5	11.0	14.0	13.0	13.5	19.5	18.5	19.0	21.5	19.5	20.5
6	10.5	10.0	10.0	13.5	13.0	13.5	---	---	---	22.0	20.5	21.0
7	10.0	9.5	9.5	14.0	13.0	13.5	---	---	---	22.0	21.0	21.5
8	9.5	9.0	9.5	14.5	13.5	14.0	---	---	---	22.5	21.5	22.0
9	9.5	9.0	9.0	16.0	14.5	15.0	---	---	---	23.0	22.0	22.5
10	10.0	8.5	9.0	15.5	14.5	15.0	19.5	18.5	19.0	23.0	22.5	22.5
11	9.5	9.0	9.5	15.0	13.5	14.0	19.5	18.0	18.5	23.0	22.0	22.5
12	10.5	9.5	10.0	13.5	12.0	13.0	19.5	18.0	19.0	23.5	22.0	22.5
13	10.5	10.0	10.0	12.5	11.5	12.0	19.5	18.0	19.0	23.0	21.5	22.5
14	10.5	9.5	10.0	12.5	11.0	11.5	18.5	18.0	18.0	23.5	22.0	22.5
15	10.0	9.5	10.0	13.0	11.0	12.0	19.5	17.5	18.0	24.0	22.0	23.0
16	10.5	9.5	10.0	13.0	12.0	12.5	20.0	18.0	19.0	24.0	22.5	23.0
17	13.0	10.5	11.5	12.5	12.0	12.0	20.0	19.0	19.5	24.5	23.0	23.5
18	13.5	13.0	13.0	13.0	12.0	12.5	19.5	19.0	19.5	24.0	23.0	23.5
19	13.5	12.5	13.0	14.0	13.0	13.5	20.5	19.0	19.5	25.0	23.5	24.0
20	14.0	12.5	13.0	15.5	14.0	14.5	21.0	19.5	20.5	25.5	24.0	25.0
21	14.0	13.0	13.5	15.0	14.5	14.5	21.0	20.0	20.5	26.5	25.0	25.5
22	13.5	13.0	13.5	15.0	13.5	14.5	21.0	20.0	20.5	26.5	25.5	26.0
23	13.5	13.0	13.0	15.0	14.0	14.5	20.0	19.0	20.0	27.0	25.5	26.5
24	13.5	12.5	13.0	14.5	14.0	14.5	20.5	19.0	19.5	26.5	25.5	26.0
25	14.0	12.5	13.0	15.0	14.0	14.5	21.0	19.0	20.0	27.5	25.5	26.5
26	13.5	13.0	13.0	16.0	14.5	15.0	21.5	19.5	20.0	28.5	26.0	27.0
27	13.5	13.0	13.5	17.0	15.0	16.0	21.0	19.5	20.0	27.5	26.5	27.0
28	14.5	13.5	14.0	18.0	16.0	16.5	21.0	19.0	20.0	27.5	26.5	27.0
29	---	---	---	19.0	17.0	17.5	20.5	19.0	20.0	27.5	26.0	27.0
30	---	---	---	19.5	18.0	18.5	20.0	19.0	19.5	28.5	27.0	27.5
31	---	---	---	20.5	18.5	19.5	---	---	---	29.0	27.5	28.0
MONTH	14.5	8.5	11.2	20.5	11.0	14.3	---	---	---	29.0	18.5	23.7

LITTLE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.5	27.5	28.5	32.0	30.5	31.5	30.5	29.0	30.0	30.0	28.5	29.5
2	29.0	28.0	28.5	31.5	30.5	31.5	29.5	28.0	28.5	30.0	29.0	29.5
3	29.5	28.0	29.0	31.5	30.5	31.0	28.5	27.0	28.0	29.5	27.5	28.5
4	30.0	29.0	29.5	32.0	30.5	31.5	28.5	27.0	28.0	27.5	26.5	27.0
5	29.5	29.0	29.0	31.5	30.5	31.0	28.5	27.5	28.0	28.0	26.0	27.0
6	30.0	28.5	29.0	30.5	30.0	30.5	28.5	27.5	28.0	28.5	27.0	27.5
7	28.5	27.5	28.0	31.0	29.5	30.5	29.5	28.0	28.5	28.5	27.0	27.5
8	28.5	27.0	27.5	31.0	30.0	30.5	30.5	28.5	29.5	28.0	27.0	27.5
9	28.0	26.5	27.0	31.5	30.0	30.5	30.5	29.0	30.0	27.5	25.5	26.5
10	27.0	26.5	26.0	31.5	30.0	30.5	30.0	29.0	29.5	26.5	25.0	26.0
11	28.0	26.5	27.0	31.5	30.0	30.5	30.5	29.0	29.5	26.0	24.5	25.5
12	29.0	27.0	28.0	31.0	29.5	30.0	30.5	29.0	29.5	26.0	24.5	25.5
13	29.5	28.0	28.5	30.0	29.0	29.5	29.5	29.0	29.5	26.5	25.0	25.5
14	30.0	28.0	29.0	30.0	28.5	29.5	30.0	28.5	29.0	26.5	25.5	26.0
15	30.0	28.5	29.0	30.0	28.5	29.0	29.5	28.5	29.0	27.0	25.5	26.0
16	30.0	28.5	29.0	29.5	29.0	29.5	30.0	29.0	29.5	27.5	26.0	26.5
17	30.0	28.5	29.5	29.5	28.5	29.0	30.0	29.0	29.5	27.5	26.5	27.0
18	30.5	28.5	29.5	29.5	28.5	29.0	31.0	29.5	30.0	28.0	26.5	27.5
19	30.5	29.0	29.5	30.5	28.5	29.5	31.0	29.5	30.0	27.5	27.0	27.5
20	30.5	28.5	29.5	31.0	29.5	30.0	30.0	28.5	29.5	27.5	26.5	27.0
21	30.5	29.0	30.0	31.5	30.0	30.5	30.0	28.5	29.0	27.5	26.5	27.0
22	31.5	29.0	30.0	32.0	30.0	31.0	30.0	28.5	29.0	27.5	27.0	27.0
23	32.0	29.5	30.5	32.0	30.5	31.0	30.0	28.5	29.0	27.5	26.5	27.0
24	32.0	30.0	31.0	32.0	30.5	31.0	30.5	28.5	29.5	27.0	25.5	26.0
25	32.0	30.0	31.0	32.0	30.5	31.0	30.0	29.0	29.5	27.0	25.0	26.0
26	32.0	30.5	31.0	31.5	30.5	30.5	29.0	26.5	27.5	27.0	25.0	26.0
27	32.5	30.5	31.0	30.5	29.5	30.0	27.0	26.0	26.5	27.0	25.5	26.0
28	32.5	31.0	31.5	31.0	29.0	29.5	28.0	26.0	27.0	27.5	26.0	26.5
29	32.0	31.0	31.5	31.5	29.5	30.0	29.0	27.0	28.0	27.0	26.5	27.0
30	32.5	31.0	31.5	31.0	30.0	30.5	29.5	28.0	29.0	27.5	26.5	27.0
31	---	---	---	31.5	30.0	30.5	30.0	29.0	29.0	---	---	---
MONTH	32.5	26.5	29.3	32.0	28.5	30.3	31.0	26.0	28.9	30.0	24.5	26.9

LITTLE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	7.5	7.0	7.3	9.3	8.1	8.7	10.8	9.9	10.3
2	---	---	---	7.3	6.9	7.1	9.8	8.2	9.0	10.9	9.5	10.2
3	6.2	5.6	6.0	7.2	6.8	7.0	9.8	8.1	8.9	10.9	10.0	10.4
4	6.2	5.6	5.9	7.3	6.8	7.0	8.3	7.7	7.9	10.7	10.2	10.5
5	6.2	5.4	5.9	7.2	6.7	7.0	7.9	7.4	7.7	10.8	10.2	10.5
6	5.9	5.4	5.8	7.2	6.8	7.0	7.9	7.5	7.8	10.7	9.8	10.4
7	5.9	5.3	5.7	7.0	6.8	6.9	8.4	7.8	8.1	10.4	9.8	10.0
8	5.8	5.2	5.6	7.0	6.7	6.9	8.6	8.2	8.4	10.3	9.3	9.8
9	5.8	5.3	5.6	7.0	6.8	6.9	8.8	8.4	8.6	9.4	8.4	9.1
10	6.1	5.2	5.7	7.0	6.7	6.9	8.7	8.2	8.5	8.6	8.0	8.3
11	6.1	5.2	5.8	6.8	6.6	6.7	8.4	8.0	8.2	8.5	7.9	8.2
12	6.2	5.3	5.9	6.9	6.5	6.7	8.2	7.8	8.1	8.4	7.4	7.9
13	6.3	5.4	5.9	7.6	6.4	6.9	8.3	8.0	8.1	8.5	7.4	8.0
14	6.2	5.2	5.8	7.1	5.9	6.3	8.6	7.9	8.3	8.7	6.8	8.1
15	6.3	5.0	5.9	7.6	6.4	6.9	9.3	8.6	8.9	8.9	8.0	8.5
16	6.3	5.7	6.1	7.3	6.5	6.9	9.6	8.9	9.2	8.9	7.9	8.3
17	6.6	6.0	6.4	8.1	6.4	7.1	9.3	8.7	9.1	8.4	7.3	8.0
18	6.7	6.3	6.5	7.8	6.8	7.3	9.2	8.7	9.0	8.6	6.8	8.1
19	6.9	6.3	6.6	7.8	6.9	7.5	9.1	8.6	8.9	9.4	8.1	8.8
20	7.0	6.5	6.8	8.0	6.8	7.6	9.1	8.6	8.9	9.5	8.5	9.0
21	7.0	6.5	6.8	8.8	7.2	7.9	9.0	8.7	8.9	9.5	8.1	9.1
22	7.3	6.6	7.0	8.1	6.5	7.5	9.2	8.7	9.0	9.6	8.6	9.3
23	7.4	6.9	7.2	8.2	6.7	7.5	9.4	8.6	9.0	10.2	8.9	9.7
24	7.4	6.9	7.2	8.2	7.0	7.6	10.1	8.7	9.4	10.1	9.5	9.8
25	7.3	6.8	7.1	8.6	7.1	7.9	10.1	9.0	9.6	10.2	9.6	9.8
26	7.1	6.6	6.9	8.6	7.6	8.0	9.9	9.1	9.5	10.0	9.0	9.7
27	7.3	6.6	7.0	8.8	7.5	8.3	9.8	8.8	9.3	10.2	8.6	9.3
28	7.2	6.7	7.0	9.0	7.7	8.5	10.0	8.1	9.3	10.2	9.1	9.9
29	7.1	6.8	7.0	9.2	7.9	8.6	10.3	9.1	9.6	10.1	9.5	9.8
30	7.3	6.6	7.0	9.2	8.3	8.8	10.4	9.1	9.8	9.5	8.9	9.1
31	7.4	6.7	7.1	---	---	---	10.4	9.6	10.1	9.1	8.6	9.0
MONTH	---	---	---	9.2	5.9	7.3	10.4	7.4	8.8	10.9	6.8	9.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.5	8.8	7.2	6.7	7.1	5.7	4.4	5.0	6.3	4.9	5.8
2	8.9	8.4	8.7	7.1	6.5	6.9	---	---	---	6.0	4.7	5.4
3	10.4	8.5	9.5	7.5	6.5	7.1	---	---	---	5.8	4.8	5.4
4	10.2	9.6	9.9	7.4	6.3	7.0	---	---	---	5.5	4.8	5.3
5	9.6	9.1	9.4	7.1	6.4	6.9	---	---	---	5.1	4.2	4.8
6	9.3	8.8	9.1	7.2	5.9	6.9	---	---	---	5.1	4.0	4.7
7	9.2	8.7	9.1	7.0	6.0	6.8	---	---	---	5.1	4.4	4.7
8	9.1	8.8	9.0	7.6	6.4	6.8	---	---	---	5.3	4.3	5.0
9	9.2	8.9	9.1	7.5	6.4	7.0	---	---	---	5.4	4.5	5.0
10	9.1	8.5	8.7	7.4	6.4	6.9	6.0	5.1	5.6	5.5	4.7	5.1
11	8.8	8.5	8.7	6.8	6.2	6.6	6.0	5.1	5.6	5.6	4.9	5.3
12	8.8	8.5	8.7	7.2	6.6	6.9	5.9	5.0	5.6	5.5	4.9	5.2
13	8.7	8.3	8.5	7.3	6.5	6.9	5.8	5.1	5.5	5.6	4.9	5.3
14	8.7	8.4	8.6	7.4	6.6	7.0	5.8	5.0	5.5	5.6	4.8	5.3
15	9.2	8.6	9.0	7.6	6.1	6.9	5.8	4.6	5.5	5.8	4.9	5.4
16	10.8	9.1	10.0	7.1	6.4	6.8	5.8	5.0	5.5	5.8	4.7	5.4
17	11.1	9.5	10.5	7.5	6.1	6.9	6.0	5.2	5.6	5.5	4.7	5.2
18	9.7	8.5	8.9	7.3	5.9	6.8	5.9	5.0	5.6	5.5	4.6	5.2
19	8.8	8.1	8.4	7.3	6.2	6.8	5.8	4.6	5.5	5.5	4.2	5.1
20	8.3	7.8	8.0	7.1	5.8	6.4	5.6	4.6	5.2	5.2	4.0	4.8
21	7.9	7.6	7.7	6.7	5.5	6.2	5.5	4.6	5.3	5.5	4.0	5.0
22	8.6	7.4	7.6	6.6	5.0	5.9	6.1	5.0	5.5	5.8	5.2	5.5
23	9.2	7.7	8.5	6.2	4.6	5.5	6.0	5.1	5.6	6.0	5.4	5.7
24	9.0	8.3	8.6	6.1	4.8	5.5	5.9	5.1	5.6	6.0	5.2	5.8
25	8.7	7.4	7.9	6.2	5.0	5.9	6.1	5.0	5.7	6.1	5.4	5.8
26	7.6	6.9	7.4	6.1	4.6	5.6	6.3	5.2	5.9	6.3	5.4	5.9
27	7.7	7.1	7.4	6.0	5.2	5.6	6.2	5.2	5.8	6.3	5.3	5.9
28	7.4	6.8	7.2	6.3	4.9	5.7	6.1	5.3	5.8	6.4	5.1	5.9
29	---	---	---	6.0	5.2	5.6	6.1	5.3	5.8	6.1	5.4	5.9
30	---	---	---	5.8	4.9	5.4	6.2	4.4	5.7	6.3	5.6	6.0
31	---	---	---	5.4	4.5	5.1	---	---	---	6.3	5.2	5.8
MONTH	11.1	6.8	8.7	7.6	4.5	6.4	---	---	---	6.4	4.0	5.4

LITTLE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.0	5.0	5.7	5.4	4.7	5.1	5.9	5.2	5.6	4.8	3.6	4.2
2	5.9	4.8	5.6	5.2	4.5	4.9	6.1	5.3	5.7	4.6	3.8	4.2
3	5.9	5.2	5.6	5.1	4.4	4.8	6.1	5.5	5.8	4.8	3.4	4.3
4	5.9	4.8	5.5	5.0	4.0	4.7	6.1	5.4	5.7	5.4	4.6	4.9
5	6.0	4.7	5.6	5.0	4.3	4.6	5.9	5.2	5.5	5.1	4.2	4.7
6	6.0	4.9	5.5	5.0	4.1	4.6	5.6	5.0	5.3	5.1	4.3	4.7
7	6.1	4.9	5.7	5.4	4.3	4.8	5.5	5.0	5.2	5.0	4.2	4.7
8	6.3	5.4	5.9	5.9	4.3	5.2	5.5	4.9	5.2	4.9	3.8	4.4
9	6.4	5.3	5.9	6.4	5.1	5.6	5.6	4.8	5.1	4.6	4.0	4.3
10	---	---	---	5.8	5.1	5.5	5.3	4.1	4.9	4.6	3.8	4.3
11	---	---	---	6.3	5.1	5.5	5.9	4.1	5.3	4.4	3.3	4.0
12	6.5	5.9	6.2	7.2	5.2	6.1	5.7	5.1	5.4	3.9	2.2	3.3
13	6.6	6.1	6.2	7.5	5.6	6.7	5.6	5.0	5.3	3.0	1.4	2.4
14	6.4	6.0	6.1	8.3	6.9	7.7	5.6	4.9	5.3	2.3	.6	1.8
15	6.5	5.9	6.2	8.1	6.9	7.5	5.6	5.1	5.3	1.5	.2	1.0
16	6.4	6.1	6.2	7.5	6.6	7.0	5.5	4.7	5.3	1.0	.1	.5
17	6.4	6.0	6.2	7.0	6.1	6.7	5.7	5.2	5.4	1.1	.1	.5
18	6.4	5.9	6.1	6.7	5.6	6.3	5.6	4.8	5.3	1.5	.2	.7
19	6.3	5.8	6.0	6.6	5.6	6.2	5.7	4.9	5.3	2.1	.6	1.1
20	6.2	5.7	6.0	6.9	5.7	6.4	5.9	5.1	5.5	1.9	.8	1.3
21	6.3	5.6	5.9	7.2	5.8	6.5	6.1	5.1	5.7	1.6	.7	1.1
22	6.3	5.6	5.9	7.2	6.2	6.6	6.2	5.2	5.7	1.1	.5	.8
23	6.7	5.6	6.0	7.2	6.1	6.6	5.7	4.7	5.3	2.0	.7	1.3
24	6.2	5.6	5.9	6.9	5.8	6.3	5.8	4.3	4.9	2.1	1.1	1.7
25	6.1	5.3	5.6	6.5	5.5	5.9	5.7	4.3	4.9	1.9	1.1	1.5
26	5.9	5.2	5.5	6.4	5.3	5.7	6.0	4.5	5.2	2.1	1.1	1.6
27	5.8	5.1	5.4	5.8	4.9	5.3	5.3	4.2	4.7	2.3	1.2	1.7
28	5.7	5.2	5.4	6.9	5.0	6.2	5.1	3.5	4.3	2.1	1.1	1.7
29	5.5	5.1	5.2	6.5	5.7	6.1	4.4	3.7	4.0	2.1	1.3	1.7
30	5.7	4.8	5.3	6.1	5.7	5.9	4.5	3.4	4.0	2.2	1.3	1.8
31	---	---	---	6.2	5.5	5.9	4.7	3.6	4.2	---	---	---
MONTH	---	---	---	8.3	4.0	5.9	6.2	3.4	5.2	5.4	.1	2.5

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

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

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 - 95 water years were computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Four auxiliary stations (02110705, 02110777, 02110815, and 02135190) were used in conjunction with this station for computation of discharge. Negative flow is south towards Georgetown.

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	-836	-1040	-1310	-2230	-2260	-5710	e600	1530	857	775	3930	-610
2	-563	-1620	-529	-2180	-2530	-5640	e400	104	-690	2270	478	-870
3	-535	-987	-1600	-1870	-2300	-6930	e200	23	604	3340	-96	-812
4	-633	-1050	-1530	-1520	-3860	-6470	e50	115	676	3280	-12	-5440
5	-761	-557	-1310	-1120	-6200	-6390	e-200	-341	8	2440	-134	-2350
6	-648	140	-369	-888	-5200	-5990	e-400	-932	4	3330	-70	-2030
7	-465	-172	-375	-1330	-4260	-5280	e-600	e-800	29	2560	-1600	-2310
8	-202	212	-154	-2060	-4040	-5020	e-800	e-700	184	2180	-880	-3350
9	206	278	-142	-4170	-4020	-5620	e-1000	e-600	-293	1170	-504	-2310
10	82	16	-720	-3570	-4410	-7180	e-1200	e-500	-399	1980	-641	-1720
11	358	-892	-645	-3120	-5130	-4250	e-1400	e-350	645	1790	-1210	-2170
12	1220	-1050	-721	-3260	-6100	-3680	e-1600	e-200	642	926	-769	-2400
13	287	-444	-722	-3170	-6490	-2770	e-1800	-96	-106	-1	-883	-2520
14	-159	-1670	-863	-2750	-6480	-2670	e-2000	885	599	-243	324	-2080
15	-401	-1870	-652	-1760	-6300	-2430	-2260	778	-369	-323	484	-1860
16	-87	-1420	-1250	-2590	-6060	-1010	-1400	-712	-37	-489	-145	-2290
17	-176	-839	-2000	-3310	-7650	29	-1250	-799	-146	-380	-321	-2260
18	3	-1070	-2010	-1570	-9220	-660	-1180	458	712	347	-519	-2220
19	127	-837	-1760	100	-9270	-644	399	1410	347	394	-456	-1930
20	-321	-839	-1560	-1010	-8640	-972	-1060	90	e200	158	325	-2040
21	67	-14	-632	-1900	-8200	-1950	2670	1530	e100	-146	-377	-2000
22	-377	-963	-291	-1690	-7560	-2180	1970	1970	e20	117	-567	-2030
23	507	-475	-2280	-2400	-6240	-651	749	2170	e-100	1400	-727	-790
24	532	-327	-753	-3210	-7690	-1040	295	906	-226	2470	-534	-1660
25	-259	199	-2390	-3250	-6140	-1030	-638	907	396	e1900	-574	-1550
26	623	-115	-1490	-750	-5020	-796	-22	-166	68	e1300	-2720	-1800
27	-1220	-612	-1640	-442	-4370	-1180	-154	-1050	-443	e800	-644	-1750
28	705	-107	-1750	-3690	-5280	848	2420	-900	-191	e100	-242	-966
29	467	-139	-694	-1990	---	394	2200	-548	69	-554	201	e-850
30	104	-291	-4380	-1030	---	134	1180	-422	-402	39	-70	e-700
31	221	---	-3420	-1190	---	e700	---	-277	---	1190	-306	---
TOTAL	-2134	-18555	-39942	-64920	-160920	-86038	-5831	3483	2758	34120	-9259	-57668
MEAN	-68.8	-619	-1288	-2094	-5747	-2775	-194	112	91.9	1101	-299	-1922
MAX	1220	278	-142	100	-2260	848	2670	2170	857	3340	3930	-610
MIN	-1220	-1870	-4380	-4170	-9270	-7180	-2260	-1050	-690	-554	-2720	-5440

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

MEAN	-1047	-401	-607	-1554	-1669	-1361	-317	162	-63.6	-91.6	-450	-1414
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	-170	-1792	-1797	-1850	-6171
(WY)	1997	1996	1995	1995	1998	1995	1996	1993	1992	1996	1996	1996

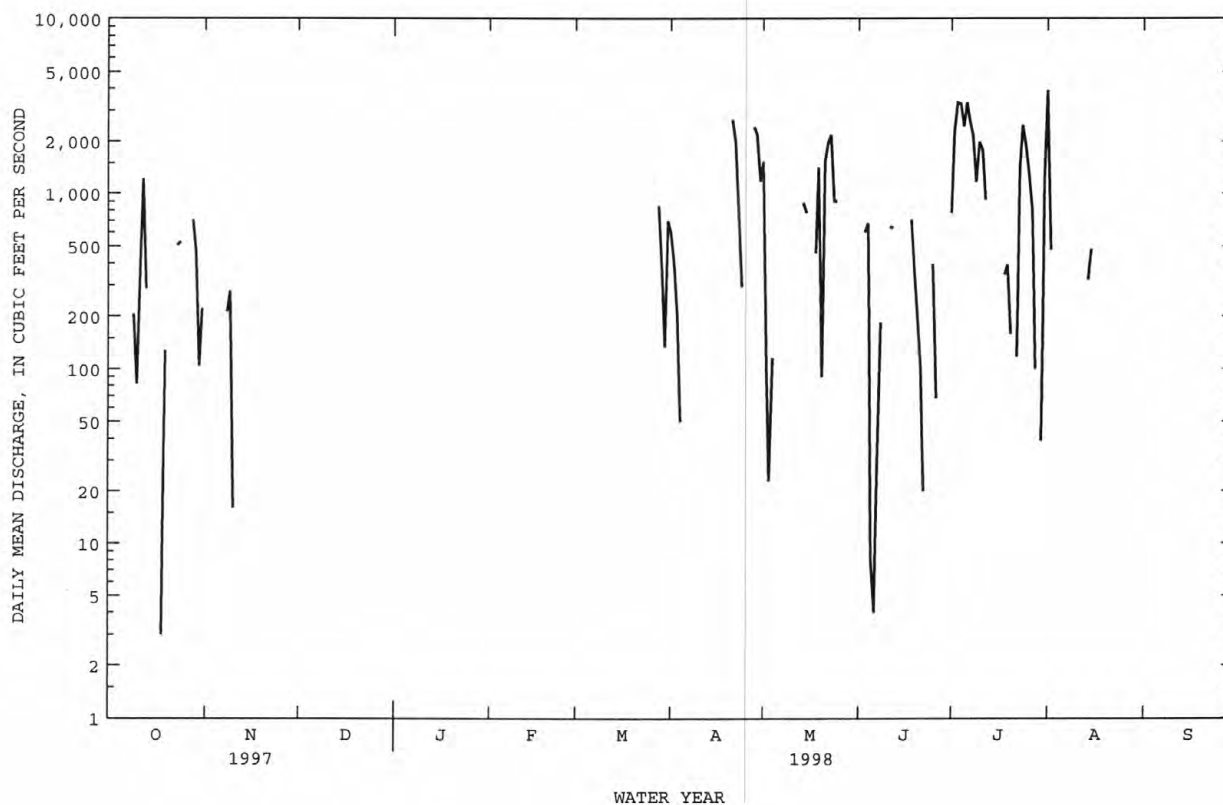
WACCAMAW RIVER BASIN

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02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	FOR 1998 WATER YEAR	FOR 1998 WATER YEAR
ANNUAL TOTAL	-154427	-404906		
ANNUAL MEAN	-423	-1109		
HIGHEST ANNUAL MEAN			-1091	
LOWEST ANNUAL MEAN			-718	1997
HIGHEST DAILY MEAN	2570 Apr 2	3930 Aug 1	-1429	1996
LOWEST DAILY MEAN	-4380 Dec 30	-9270 Feb 19	3930 Aug 1	1998
ANNUAL SEVEN-DAY MINIMUM	-2250 Feb 14	-8120 Feb 18	-9270 Feb 19	1998
INSTANTANEOUS PEAK STAGE		21.76 Feb 10	-8120 Feb 18	1998
10 PERCENT EXCEEDS	545	759	21.76 Feb 10	1998
50 PERCENT EXCEEDS	-292	-641	626	
90 PERCENT EXCEEDS	-1600	-4090	-290	
			-2350	

e Estimated



WACCAMAW RIVER BASIN

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, June 2, 1985; minimum, 40 microsiemens, many days 1983, 1984, 1985.

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

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

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Dec. 25, 1989; minimum, 0.0 mg/L, Sept. 12 - 31, 1996, Oct. 1, 3 - 5, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.5°C, July 1 - 3; minimum, 6.0°C, Jan. 2, 3.

DISSOLVED OXYGEN: Maximum, 9.0 mg/L, Dec. 22; minimum, 0.1 mg/L, Sept. 23 - 25.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	22.5	23.0	17.5	16.5	17.0	13.0	11.5	12.5	7.5	7.0	7.0
2	23.0	22.5	23.0	18.0	17.5	17.5	12.5	11.5	12.0	7.0	6.0	6.5
3	23.0	22.0	22.5	17.5	17.0	17.5	12.0	11.5	11.5	7.0	6.0	6.5
4	22.5	22.0	22.5	17.5	16.5	17.0	12.0	12.0	12.0	8.0	7.0	7.0
5	23.0	22.5	22.5	17.0	16.0	16.5	12.0	11.5	12.0	9.0	7.5	8.0
6	23.5	22.5	23.0	16.5	15.5	16.0	11.5	11.0	11.0	10.0	8.5	9.0
7	24.0	23.0	23.5	16.0	15.0	15.5	11.0	10.0	10.5	12.0	10.0	10.5
8	24.0	23.0	23.5	15.5	15.0	15.5	10.0	9.0	9.5	13.0	11.5	12.5
9	24.0	23.5	23.5	15.0	14.5	15.0	9.5	8.5	9.0	14.5	13.0	14.0
10	24.5	23.5	24.0	15.0	14.5	14.5	10.0	8.5	9.5	14.0	13.5	13.5
11	24.5	23.5	24.0	15.0	14.5	14.5	10.0	9.0	10.0	13.5	12.5	13.0
12	24.5	23.5	24.0	15.0	14.5	14.5	10.5	9.5	10.0	12.5	12.0	12.5
13	24.0	23.5	24.0	14.5	14.0	14.5	10.0	9.0	10.0	12.5	12.0	12.5
14	24.5	24.0	24.0	14.0	14.0	14.0	9.5	9.0	9.5	12.5	12.0	12.5
15	24.0	23.0	23.5	14.0	13.5	14.0	9.0	8.0	8.5	12.0	11.5	11.5
16	23.0	22.0	22.5	14.0	13.0	13.5	8.5	8.0	8.0	11.5	11.0	11.0
17	22.0	21.0	21.5	13.0	12.0	12.5	8.5	8.0	8.5	11.0	10.5	10.5
18	21.5	20.0	20.5	12.0	11.5	11.5	8.5	8.0	8.5	10.5	10.0	10.5
19	20.5	19.5	20.0	11.5	11.0	11.5	8.5	8.0	8.0	10.0	9.5	10.0
20	19.5	19.0	19.5	11.0	9.5	10.5	8.5	8.0	8.5	10.0	9.5	10.0
21	19.0	18.5	19.0	11.5	7.5	10.0	9.0	8.5	8.5	9.5	9.0	9.0
22	18.5	17.5	18.5	12.0	11.0	11.5	9.0	8.5	8.5	9.5	8.5	9.0
23	17.5	17.0	17.5	12.5	12.0	12.5	9.0	9.0	9.0	10.0	9.5	9.5
24	17.0	16.5	17.0	12.5	12.0	12.5	9.5	9.0	9.0	11.0	10.0	10.5
25	17.5	17.0	17.5	12.0	11.5	11.5	10.5	9.5	10.0	11.0	10.5	10.5
26	18.0	17.5	17.5	11.5	11.0	11.5	11.0	10.5	10.5	10.5	9.5	10.0
27	18.5	17.5	18.0	12.0	11.0	11.5	11.0	10.5	11.0	10.5	10.0	10.0
28	18.0	17.5	17.5	11.5	10.5	11.5	11.0	10.0	10.5	10.5	10.0	10.0
29	17.5	17.0	17.0	12.0	10.5	11.5	10.5	9.0	9.5	10.0	9.5	9.5
30	17.0	16.5	17.0	12.5	11.0	11.5	9.5	8.0	8.5	10.5	9.5	10.0
31	17.0	16.5	17.0	---	---	---	8.0	7.5	8.0	10.0	9.5	9.5
MONTH	24.5	16.5	20.9	18.0	7.5	13.6	13.0	7.5	9.7	14.5	6.0	10.2

WACCAMAW RIVER BASIN

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02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	9.0	9.5	15.0	14.0	14.5	---	---	---	18.5	18.0	18.0
2	9.5	9.0	9.0	15.0	14.5	14.5	---	---	---	19.5	18.0	18.5
3	9.5	9.0	9.5	15.0	14.0	14.5	---	---	---	20.0	18.5	19.0
4	10.0	9.5	10.0	14.0	13.0	13.5	---	---	---	19.5	19.0	19.5
5	10.0	10.0	10.0	13.5	13.0	13.5	---	---	---	20.0	19.0	19.5
6	10.0	9.5	10.0	13.5	13.5	13.5	---	---	---	20.5	19.5	20.0
7	10.0	9.5	9.5	13.5	13.0	13.0	---	---	---	20.5	20.0	20.5
8	9.5	9.0	9.5	14.0	13.5	13.5	---	---	---	21.5	20.0	21.0
9	9.0	8.5	9.0	16.0	14.0	15.0	---	---	---	22.5	21.0	21.5
10	9.0	8.5	9.0	15.5	14.5	14.5	---	---	---	22.0	21.0	21.5
11	9.5	9.0	9.0	14.5	13.0	13.5	---	---	---	21.5	21.0	21.0
12	10.0	9.5	9.5	13.0	11.5	12.0	---	---	---	21.5	20.5	21.0
13	10.0	9.5	10.0	11.5	10.5	11.0	---	---	---	21.5	20.5	21.0
14	10.0	9.5	10.0	11.5	10.5	11.0	18.0	17.0	17.5	21.5	20.0	20.5
15	10.0	9.5	9.5	12.0	11.0	11.5	17.5	16.5	17.0	21.0	20.0	20.5
16	10.0	9.5	9.5	12.5	11.5	12.0	19.0	17.0	18.0	22.0	20.0	21.0
17	11.5	10.0	11.0	12.5	12.0	12.0	19.5	18.0	19.0	22.5	21.0	21.5
18	12.0	11.5	11.5	12.5	12.0	12.0	19.5	19.0	19.5	22.5	21.5	22.0
19	12.5	11.5	12.0	13.0	12.5	13.0	20.0	18.5	19.5	23.5	21.5	22.5
20	13.5	12.5	13.0	14.5	13.0	13.5	20.5	19.5	20.0	24.0	22.0	23.0
21	14.0	13.0	13.5	15.0	14.0	14.5	20.0	19.0	19.5	25.0	23.0	24.0
22	13.5	13.0	13.5	14.5	14.0	14.0	19.5	18.5	19.0	25.0	24.0	24.0
23	13.5	13.0	13.0	14.5	14.0	14.0	18.5	18.0	18.5	25.0	24.0	24.5
24	13.5	12.5	13.0	14.5	14.0	14.0	18.5	17.5	18.0	25.0	24.5	24.5
25	13.5	12.5	13.0	14.5	14.0	14.0	19.0	18.0	18.5	26.0	24.5	25.0
26	13.5	13.0	13.0	15.0	14.0	14.5	19.5	18.0	18.5	27.0	25.0	26.0
27	13.5	13.0	13.0	16.0	15.0	15.5	19.5	18.0	19.0	27.0	25.5	26.5
28	14.0	13.5	13.5	16.5	15.5	16.0	19.5	18.0	18.5	26.5	25.5	26.0
29	---	---	---	16.5	15.5	16.0	18.5	17.5	18.0	26.5	25.5	26.0
30	---	---	---	17.5	16.0	16.5	18.5	18.0	18.0	27.0	26.0	26.5
31	---	---	---	---	---	---	---	---	---	27.5	26.0	26.5
MONTH	14.0	8.5	10.9	---	---	---	---	---	---	27.5	18.0	22.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	27.0	26.5	27.0	31.5	30.0	31.0	30.0	29.5	30.0	29.0	28.5	29.0
2	28.0	27.0	27.5	31.5	30.5	31.0	29.5	28.0	28.5	29.5	28.5	29.0
3	28.5	27.0	28.0	31.5	30.5	31.0	28.0	27.5	27.5	29.0	28.0	28.5
4	29.0	27.5	28.0	31.0	30.5	31.0	28.0	27.0	27.5	28.0	26.5	26.5
5	28.5	27.5	28.0	31.0	30.5	31.0	28.0	27.0	27.5	26.5	25.5	26.0
6	28.5	27.5	28.0	31.0	30.0	30.5	28.0	27.5	28.0	27.0	26.0	26.5
7	27.5	26.5	27.5	31.0	30.0	30.5	28.5	27.5	28.0	27.0	26.0	26.5
8	27.0	26.0	26.5	30.5	30.0	30.5	29.0	28.0	28.5	27.0	26.5	26.5
9	27.0	25.5	26.0	31.0	30.0	30.5	29.0	28.0	28.5	26.5	25.0	26.0
10	26.5	25.5	26.0	30.5	30.0	30.5	29.0	28.5	28.5	25.0	24.0	24.5
11	26.5	25.0	26.0	30.5	30.0	30.5	29.0	28.0	28.5	24.5	23.5	24.0
12	27.5	25.0	26.0	30.5	29.5	30.0	29.5	28.5	29.0	24.0	23.5	24.0
13	28.0	25.5	27.0	30.0	29.0	29.5	29.0	28.5	28.5	24.5	23.5	24.0
14	28.0	26.5	27.5	30.0	28.5	29.0	29.0	28.0	28.5	25.0	24.0	24.5
15	28.5	26.5	27.5	29.5	28.5	29.0	28.5	28.0	28.5	25.5	24.5	25.0
16	29.0	27.0	28.0	29.0	28.5	28.5	28.5	28.0	28.5	25.5	25.0	25.0
17	29.5	27.5	28.5	29.0	28.5	28.5	29.0	28.5	28.5	25.5	25.0	25.0
18	29.5	28.0	29.0	29.0	28.5	29.0	29.5	28.5	29.0	25.5	25.0	25.5
19	29.5	28.0	28.5	29.5	28.5	29.0	29.5	29.0	29.0	26.0	25.5	25.5
20	---	---	---	30.0	29.0	29.5	29.5	28.0	28.5	26.0	25.5	25.5
21	---	---	---	30.5	29.5	30.0	28.5	27.5	28.0	26.0	25.5	26.0
22	---	---	---	31.0	30.0	30.5	28.0	27.0	28.0	26.5	26.0	26.0
23	---	---	---	31.0	30.0	30.5	28.0	27.5	28.0	26.5	26.0	26.0
24	30.5	29.0	29.5	31.0	30.5	31.0	28.5	27.5	28.0	26.0	25.0	25.5
25	30.5	29.5	30.0	31.0	30.5	31.0	28.5	28.0	28.0	25.0	24.5	24.5
26	30.5	29.5	30.0	31.0	30.5	30.5	28.0	27.0	27.5	25.0	24.0	24.5
27	30.5	29.5	30.0	30.5	29.5	30.5	28.0	27.0	27.5	25.0	24.0	24.5
28	31.0	30.0	30.5	30.0	29.0	29.5	28.0	27.5	27.5	25.5	24.5	25.0
29	31.0	30.5	30.5	30.0	29.0	29.5	29.0	28.0	28.5	25.5	25.0	25.0
30	31.0	30.0	30.5	30.5	29.5	30.0	29.5	28.5	29.0	25.5	25.0	25.0
31	---	---	---	31.0	30.0	30.0	29.5	29.0	29.0	---	---	---
MONTH	---	---	---	31.5	28.5	30.1	30.0	27.0	28.3	29.5	23.5	25.6

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.0	3.5	3.6	6.6	5.9	6.2	7.5	6.6	6.9	8.6	8.3	8.4
2	4.2	3.5	3.7	6.3	5.6	5.8	7.2	6.6	6.8	8.8	8.5	8.6
3	4.2	3.7	3.9	6.3	5.4	5.6	7.2	6.6	6.8	8.8	8.7	8.8
4	4.3	3.8	3.9	6.1	5.3	5.5	7.1	6.4	6.6	8.8	8.6	8.7
5	4.4	3.8	3.9	6.2	5.4	5.6	7.2	6.4	6.6	8.7	8.4	8.6
6	4.2	3.8	3.9	6.3	5.5	5.8	7.5	6.6	6.8	8.5	8.1	8.4
7	4.9	3.8	4.0	6.4	5.6	5.8	7.6	6.7	7.0	8.2	7.8	8.1
8	4.8	4.0	4.2	6.3	5.6	5.8	7.7	6.9	7.2	8.4	7.3	7.7
9	4.8	3.9	4.2	6.4	5.6	6.0	8.2	7.2	7.6	7.3	5.9	6.5
10	4.8	4.0	4.2	6.7	5.7	6.0	8.3	7.4	7.7	6.0	5.5	5.7
11	4.7	4.0	4.3	6.2	5.6	5.8	8.2	7.5	7.7	5.8	5.7	5.7
12	5.1	4.1	4.5	5.9	5.5	5.7	8.2	7.4	7.6	5.8	5.6	5.7
13	4.9	4.4	4.6	6.3	5.8	6.0	8.5	7.4	7.7	5.8	5.5	5.7
14	4.8	4.2	4.4	6.4	5.9	6.0	8.4	7.5	7.7	5.6	5.2	5.5
15	4.6	3.9	4.3	6.5	6.0	6.1	8.7	7.7	8.1	5.8	5.6	5.7
16	5.1	4.1	4.5	6.8	6.1	6.3	8.4	7.9	8.1	5.9	5.6	5.8
17	5.3	4.4	4.9	7.3	6.4	6.7	8.3	7.8	8.0	6.0	5.6	5.8
18	5.4	4.7	5.0	7.3	6.6	6.8	8.1	7.8	7.9	6.0	5.8	5.9
19	5.6	5.1	5.3	7.5	6.7	6.9	8.4	7.8	7.9	6.4	5.8	6.2
20	5.5	4.9	5.1	7.6	6.8	7.1	8.2	7.9	8.0	6.4	6.0	6.3
21	5.4	4.8	5.0	7.8	6.8	7.3	8.3	8.0	8.2	6.4	5.8	6.2
22	5.4	4.8	5.1	7.4	6.8	6.9	9.0	8.2	8.5	6.5	5.8	6.3
23	5.8	4.9	5.3	7.1	6.6	6.8	8.8	8.4	8.5	7.0	6.3	6.8
24	6.3	5.2	5.6	7.0	6.6	6.8	8.8	8.6	8.7	7.0	6.5	6.9
25	6.2	5.4	5.6	7.5	6.8	7.0	8.7	8.4	8.6	6.8	6.1	6.5
26	6.3	5.3	5.7	7.7	7.0	7.2	8.4	8.0	8.2	6.4	6.1	6.3
27	6.1	5.4	5.6	7.7	7.1	7.2	8.8	7.9	8.1	6.9	6.0	6.5
28	6.2	5.2	5.5	7.9	7.1	7.3	8.3	7.8	7.9	6.8	5.9	6.6
29	6.2	5.5	5.9	7.9	7.0	7.3	8.6	7.8	8.1	6.3	5.9	6.1
30	6.3	5.6	6.0	8.0	7.0	7.3	8.2	7.8	8.0	6.1	5.8	6.0
31	6.6	5.7	6.1	---	---	---	8.3	8.0	8.1	5.9	5.5	5.7
MONTH	6.6	3.5	4.8	8.0	5.3	6.4	9.0	6.4	7.7	8.8	5.2	6.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5.6	5.2	5.4	5.4	5.1	5.3	---	---	---	7.7	6.4	7.2
2	5.4	5.2	5.3	5.4	5.0	5.1	---	---	---	7.1	5.7	6.5
3	6.3	5.4	5.8	5.3	5.1	5.2	---	---	---	6.5	5.6	6.0
4	7.0	6.3	6.7	5.2	5.0	5.1	---	---	---	6.4	5.4	5.9
5	7.0	6.8	7.0	5.4	4.9	5.2	---	---	---	5.8	5.0	5.4
6	7.0	6.6	6.8	5.4	4.9	5.2	---	---	---	5.3	4.6	4.9
7	6.9	6.3	6.7	5.4	4.9	5.2	---	---	---	5.7	4.5	4.9
8	---	---	---	5.6	5.0	5.4	---	---	---	5.6	4.9	5.2
9	---	---	---	5.8	5.3	5.6	---	---	---	5.8	4.8	5.2
10	---	---	---	5.6	5.1	5.4	---	---	---	5.8	4.6	5.2
11	---	---	---	5.7	5.3	5.5	---	---	---	5.8	4.8	5.3
12	---	---	---	6.0	5.5	5.7	---	---	---	5.8	5.1	5.3
13	---	---	---	6.0	5.7	5.8	---	---	---	5.6	4.7	5.3
14	---	---	---	6.2	5.6	5.9	5.6	5.2	5.4	6.1	4.8	5.6
15	---	---	---	6.2	5.4	5.8	5.7	5.3	5.5	6.0	5.0	5.6
16	7.0	6.4	6.5	6.1	5.6	5.9	5.9	5.4	5.6	5.8	5.1	5.5
17	7.3	7.0	7.1	6.2	5.8	6.0	6.1	5.4	5.7	5.7	4.8	5.3
18	7.1	6.7	6.9	6.2	5.2	5.9	5.8	4.9	5.3	5.8	4.8	5.3
19	6.7	6.3	6.5	6.3	5.2	5.7	5.8	5.0	5.4	5.7	4.8	5.3
20	6.3	6.0	6.2	5.5	4.7	5.2	6.1	5.0	5.4	5.5	4.6	5.2
21	6.0	5.7	5.9	5.0	4.3	4.6	6.9	4.8	5.9	5.5	4.5	5.2
22	5.8	5.6	5.6	5.0	4.4	4.6	7.0	6.1	6.6	5.3	4.4	5.0
23	5.9	5.6	5.8	---	---	---	7.1	6.1	6.7	5.0	4.4	4.7
24	5.9	5.7	5.8	---	---	---	7.2	6.4	6.7	4.8	4.2	4.5
25	5.8	5.5	5.6	---	---	---	7.2	5.6	6.2	4.8	4.1	4.4
26	5.6	5.3	5.5	---	---	---	7.0	5.5	6.2	4.5	3.8	4.2
27	5.4	5.1	5.3	---	---	---	6.9	5.3	6.3	4.7	3.8	4.2
28	5.5	5.2	5.3	---	---	---	7.8	5.9	7.1	4.3	3.7	4.0
29	---	---	---	---	---	---	8.1	7.0	7.5	4.3	3.6	3.9
30	---	---	---	---	---	---	7.8	6.2	7.2	4.2	3.5	3.9
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

WACCAMAW RIVER BASIN												
02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued												
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	4.6	3.7	4.3	4.7	4.0	4.3	3.9	3.4	3.7
2	---	---	---	4.7	4.1	4.4	4.8	4.4	4.6	3.4	3.0	3.2
3	4.1	3.5	3.8	4.6	4.2	4.4	4.9	4.4	4.7	4.0	2.9	3.2
4	3.9	3.3	3.7	4.8	4.3	4.5	4.9	4.4	4.7	3.9	2.7	3.4
5	4.0	3.4	3.8	4.8	4.5	4.6	4.9	4.5	4.7	3.0	2.2	2.4
6	4.1	3.5	3.8	5.0	4.4	4.7	4.8	4.4	4.6	2.5	1.8	2.1
7	4.4	3.7	4.1	4.8	4.5	4.7	4.8	4.4	4.6	2.4	1.3	1.7
8	4.6	3.9	4.3	4.9	4.4	4.7	4.6	4.2	4.4	1.6	.7	1.2
9	4.8	4.0	4.3	5.0	4.5	4.7	4.5	4.1	4.3	1.3	.3	.7
10	4.8	4.0	4.4	5.0	4.4	4.7	4.7	4.2	4.4	.6	.2	.4
11	4.9	4.1	4.4	4.7	4.3	4.5	4.6	4.1	4.3	.4	.2	.2
12	5.0	4.1	4.5	4.7	4.3	4.5	4.5	4.0	4.2	.4	.2	.2
13	5.0	4.1	4.5	4.7	4.4	4.6	4.5	3.9	4.2	.3	.2	.2
14	5.2	4.0	4.6	4.7	4.4	4.6	4.6	3.9	4.2	.3	.2	.2
15	5.1	4.3	4.7	4.6	4.2	4.4	4.6	3.9	4.2	.3	.2	.2
16	5.0	4.0	4.6	4.8	4.2	4.5	4.5	3.9	4.1	.2	.2	.2
17	4.8	4.0	4.5	4.7	4.4	4.5	4.4	3.9	4.1	.3	.2	.2
18	4.7	3.9	4.4	4.8	4.3	4.5	4.3	3.8	4.0	.3	.2	.2
19	4.7	4.0	4.3	4.7	4.3	4.5	4.4	3.8	4.1	.4	.2	.2
20	---	---	---	4.8	4.4	4.6	4.9	4.0	4.4	.3	.2	.2
21	---	---	---	4.9	4.5	4.6	4.7	4.0	4.3	.4	.2	.2
22	---	---	---	4.8	4.5	4.7	4.5	3.9	4.1	.3	.2	.2
23	---	---	---	5.0	4.5	4.8	4.4	3.9	4.1	.5	.1	.3
24	4.6	3.3	4.1	5.0	4.5	4.7	4.3	4.0	4.1	.4	.1	.2
25	4.6	3.4	4.2	4.8	4.4	4.6	4.2	3.9	4.1	.5	.1	.3
26	4.8	3.2	4.3	4.8	4.4	4.6	5.3	4.2	4.8	.6	.3	.4
27	4.8	3.4	4.3	4.8	4.4	4.6	5.3	4.8	5.0	.7	.4	.5
28	4.8	3.9	4.4	4.7	4.2	4.4	4.8	4.4	4.6	.7	.4	.6
29	4.5	3.3	4.3	4.3	4.0	4.2	4.7	4.2	4.5	.7	.5	.6
30	4.7	3.8	4.2	4.2	3.9	4.1	4.5	4.0	4.3	1.0	.6	.8
31	---	---	---	4.5	3.9	4.1	4.3	3.7	4.0	---	---	---
MONTH	---	---	---	5.0	3.7	4.5	5.3	3.7	4.4	4.0	.1	.9

WACCAMAW RIVER BASIN

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). Four auxiliary stations (02110777, 02110802, 02110815, and 02135190) were used in conjunction with this station for computation of discharge for those water years.

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	4430	6140	6950	12800	8820	9070	8620	9420	6360	2540	4600	2340
2	3760	6690	e7000	12900	8860	8790	8530	9650	5550	2310	4450	1760
3	3810	6660	e7030	13000	8870	8420	8710	10100	5200	2540	4510	1380
4	4200	6530	e7070	12800	9360	8310	8860	10500	5440	2840	4050	3930
5	4100	5500	7100	12600	10100	8430	9330	10800	6040	3300	3010	4050
6	3530	4750	7250	12400	10700	8650	9740	11300	6580	2860	3140	5340
7	2850	5250	7360	12000	10900	8910	10300	11400	6830	2520	3620	6340
8	2370	5440	7190	11600	11300	9190	10800	11400	6910	2120	3690	7500
9	2530	e5600	6640	11600	11400	9280	11200	11300	6300	1980	3700	7220
10	2610	e5700	6110	11800	11500	9860	11600	10900	5310	2000	3280	7510
11	2440	e5800	6140	11700	11300	10100	11200	10300	5170	1880	2860	8010
12	2060	e5920	6310	11600	11100	9750	10700	10100	5530	1970	2650	8390
13	2580	e6030	6550	11500	10700	9460	10700	10100	5980	2300	3100	8770
14	2260	e6150	6770	11600	10400	9240	10800	9900	6130	1870	3520	8470
15	1760	e6270	6840	11400	9890	9200	11400	9790	6430	1570	3930	7230
16	1530	e6380	6730	11400	9370	9030	11500	10200	6470	1520	4120	5530
17	1810	e6490	6390	11600	9310	8810	11600	10800	5500	1660	3940	4530
18	2510	e6600	6430	11000	9230	8780	12000	11200	4650	1850	3920	4390
19	3100	e6700	6760	10200	9030	8720	11800	11000	4950	2600	3480	4040
20	3000	e6810	7230	9780	8840	8600	11900	11200	5220	2700	3220	3830
21	2530	e6910	7060	9800	8650	8600	11500	11200	5390	2160	4160	3560
22	3580	e7020	6370	9800	8570	8740	11000	10700	5420	1800	4820	3210
23	4390	e7120	6490	9580	8640	8710	10800	10100	4660	2330	4850	2340
24	4910	e7230	5500	9370	8860	8640	10800	10000	3600	3180	4310	2530
25	4940	e7330	6870	9350	9010	8700	11000	9710	3850	3910	3390	3020
26	3920	e7430	8100	9240	9080	8700	10900	9440	4320	4060	3230	2990
27	3930	e7540	8810	8940	9240	8750	10700	8380	4650	3730	3000	2840
28	2630	7640	9830	8830	9190	9060	10100	6910	4540	3450	3460	2710
29	3680	7760	10000	8930	---	9390	9540	6070	4430	2940	3580	2140
30	4940	7220	11500	8850	---	9340	9470	6040	3830	4110	4180	1840
31	5580	---	12500	8840	---	9070	---	6210	---	5220	4040	---
TOTAL	102270	194610	228880	336810	272220	278300	317100	306120	161240	81820	115810	137740
MEAN	3299	6487	7383	10860	9722	8977	10570	9875	5375	2639	3736	4591
MAX	5580	7760	12500	13000	11500	10100	12000	11400	6910	5220	4850	8770
MIN	1530	4750	5500	8830	8570	8310	8530	6040	3600	1520	2650	1380

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

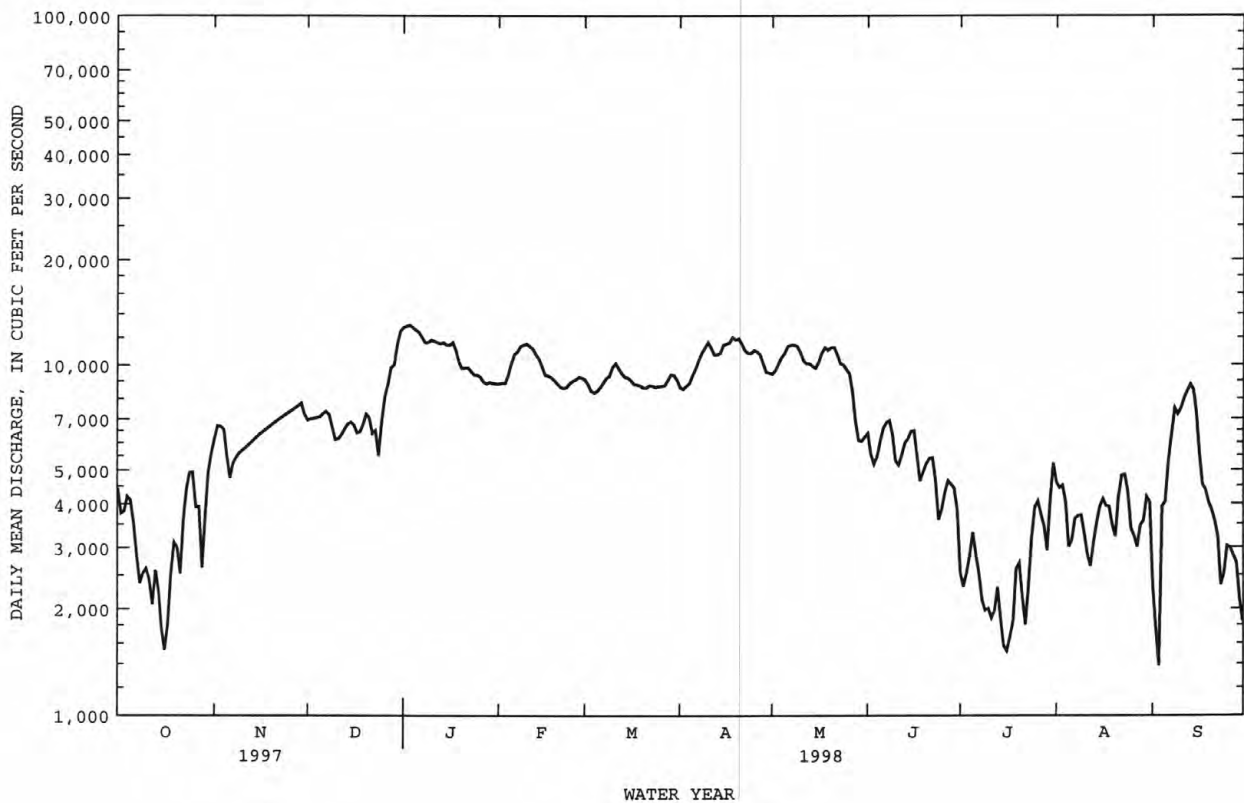
	1990	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	7173	6845	8054	9674	10600	11630	9670	7333	5900
MAX	12750	12630	12910	11400	12760	14530	17610	11250	8916
(WY)	1990	1991	1992	1993	1994	1995	1996	1997	1998
MIN	2929	3117	4019	7690	6207	8977	4724	2545	3855
(WY)	1992	1994	1992	1996	1992	1998	1995	1995	1994

WACCAMAW RIVER BASIN

021108044 BULL CREEK NEAR BUCKSPORT, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1990 - 1998	
ANNUAL TOTAL	2499740		2532920		7464	
ANNUAL MEAN	6849		6940		8074	
HIGHEST ANNUAL MEAN					6869	
LOWEST ANNUAL MEAN					22900	
HIGHEST DAILY MEAN	12600	Feb 22	13000	Jan 3	554	Jan 21 1993
LOWEST DAILY MEAN	1380	Sep 4	1380	Sep 3	1170	Oct 10 1990
ANNUAL SEVEN-DAY MINIMUM	1940	Aug 30	1820	Jul 12	21.18	May 26 1995
INSTANTANEOUS PEAK STAGE			21.18	Feb 9	21.18	Feb 9 1998
10 PERCENT EXCEEDS	11500		11200		12100	
50 PERCENT EXCEEDS	6540		6910		7400	
90 PERCENT EXCEEDS	2530		2590		2670	

e Estimated



WACCAMAW RIVER BASIN

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.--Discharge records for the 1990 - 98 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. 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	5280	11100	11900	e21000	34400	37000	e29400	26800	12700	3980	-915	3500
2	5050	12300	e11400	e21300	34700	29700	e28100	26700	10700	2670	8550	2840
3	5800	11500	e11000	e21600	32700	39200	e26700	24900	7650	-316	7070	-1510
4	7140	11700	e11500	e21600	36300	37700	e25600	24100	7330	-44	5230	14500
5	7700	9670	15600	e21600	39400	37600	e24500	23900	9680	3010	3560	5230
6	6730	8000	13400	e21700	36800	34500	e23800	23200	9790	-2200	2510	7100
7	5330	11300	14100	e21500	38400	34600	e23600	e22600	10900	-380	5020	11600
8	4480	10400	12200	e21400	39300	33700	e23400	e22100	10000	-514	3840	15800
9	5620	e9460	10200	e21600	40800	37700	e23300	e21300	8880	463	4490	12700
10	5400	e10200	9860	e22100	41700	38000	e23400	e20200	7980	-2300	5840	15600
11	2500	e9250	8740	e22400	42100	32400	e23300	e19100	4000	-875	6260	17800
12	-1000	e8260	9500	e22700	46000	34400	e21300	e18700	7760	1470	5600	20300
13	2420	e9730	9250	25100	42300	32800	e21000	12200	e9880	4270	6650	19400
14	2030	e9690	8160	23000	42300	34100	e21000	16100	e10200	3750	6230	16400
15	-171	e9980	11600	25200	41400	29500	21400	17500	e10900	5420	7010	13400
16	-445	e10900	e12200	31200	38900	28300	23200	21400	e10800	6330	6120	10800
17	1410	e11600	e12000	28200	41300	29100	25500	22700	e9210	3800	5740	8790
18	1900	e11500	e12200	28100	44600	30000	25100	22100	6420	568	5350	7530
19	5530	e12600	e12700	28400	40400	30800	26000	22400	6690	1730	e5480	6070
20	5840	e12700	e13300	29700	39700	29300	25300	22000	e8540	2560	e5320	6560
21	4620	e12600	e13300	29100	38600	33100	19000	17700	e8730	2180	e6360	7040
22	8350	e12600	e12800	28000	34400	29300	19300	14600	e8950	628	e6820	7130
23	7510	e11900	e13000	28400	36200	26600	19000	15700	e7370	-636	e6750	2300
24	7160	e11400	e12200	29100	36500	27800	20300	14300	3210	220	e6110	6600
25	8310	e11700	e13700	28000	32000	25800	21200	15500	2890	e5840	e5090	7070
26	4090	e12300	e15100	24100	31000	27100	21300	16100	7270	e6460	e4830	7700
27	8220	12600	e16000	24900	33900	27400	20900	14800	9190	e6030	e4400	7240
28	797	12200	e17200	32700	35900	26600	18900	12900	7590	e5650	e4910	7300
29	4300	11200	e17600	25900	---	28700	22800	11500	7580	e5040	e5080	e3630
30	6290	10700	e19300	29000	---	30200	24000	11800	10100	8380	e5630	e2870
31	7350	---	e20500	32600	---	e31100	---	12600	---	8970	5670	---
TOTAL	145541	331040	401510	791200	1072000	984100	691600	587500	252890	82154	166605	273290
MEAN	4695	11030	12950	25520	38290	31750	23050	18950	8430	2650	5374	9110
MAX	8350	12700	20500	32700	46000	39200	29400	26800	12700	8970	8550	20300
MIN	-1000	8000	8160	21000	31000	25800	18900	11500	2890	-2300	-915	-1510

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	13310	13490	14890	18590	23090	24910	19830	12870	10040	5291	10310	10310
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	4695	5166	6949	13240	12490	18550	7194	3811	6354	2650	4333	3936
(WY)	1998	1994	1992	1996	1992	1992	1995	1995	1994	1998	1990	1990

WACCAMAW RIVER BASIN

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

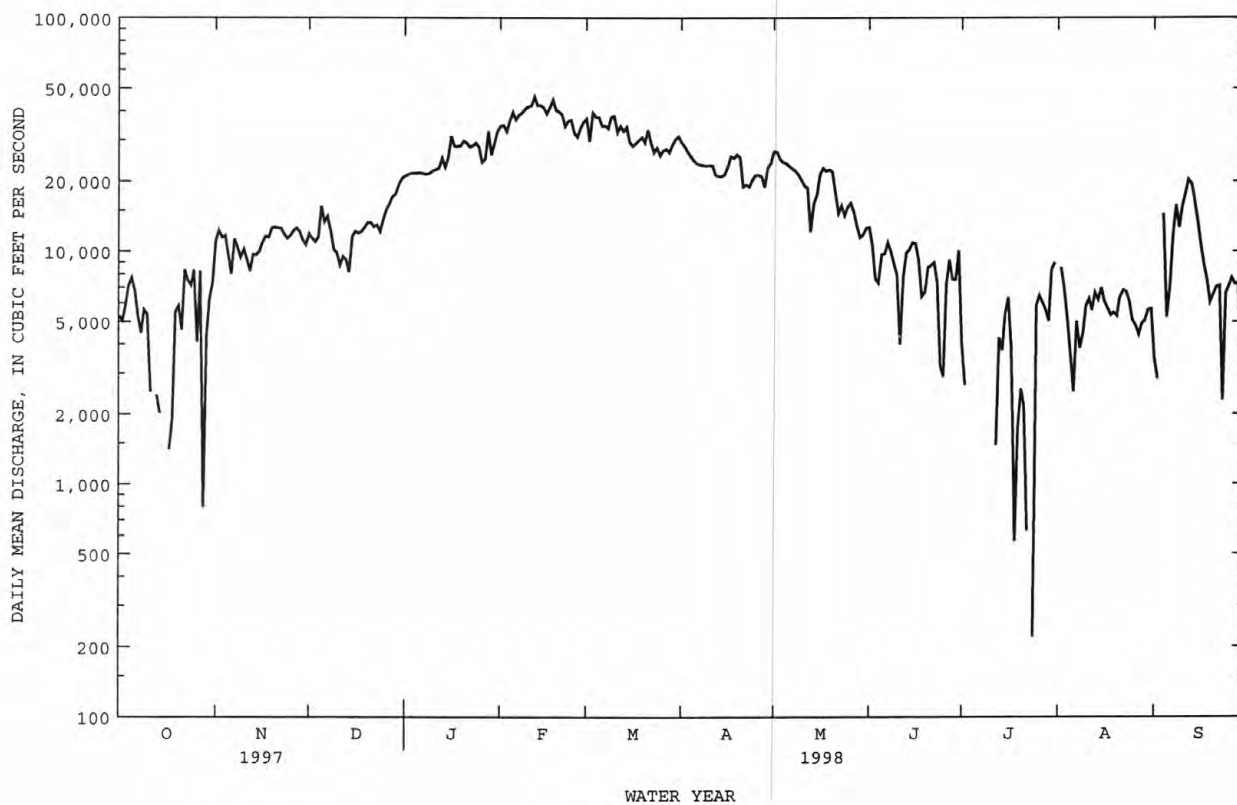
SUMMARY STATISTICS

FOR 1998 WATER YEAR

WATER YEARS 1990 - 1998

ANNUAL TOTAL	5779430		
ANNUAL MEAN	15830		15390
HIGHEST ANNUAL MEAN			15830
LOWEST ANNUAL MEAN			14710
HIGHEST DAILY MEAN	46000	Feb 12	62500
LOWEST DAILY MEAN	-2300	Jul 10	-2300
ANNUAL SEVEN-DAY MINIMUM	-619	Jul 6	-619
INSTANTANEOUS PEAK STAGE	18.79	Feb 4	19.48
10 PERCENT EXCEEDS	33300		27500
50 PERCENT EXCEEDS	12200		13300
90 PERCENT EXCEEDS	3540		3920

e Estimated



WACCAMAW RIVER BASIN

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, Sept. 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, Sept. 29, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 10, 1990, July 24, 1996, July 1, 10, 1998; 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, Sept. 14, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 14,300 microsiemens, July 13; minimum, 60 microsiemens, many days in Feb. - April.

WATER TEMPERATURE: Maximum, 32.5°C, July 1, 10; minimum, 6.0°C, Jan. 2.

DISSOLVED OXYGEN: Maximum, 10.6 mg/L, Dec. 30; minimum, 1.3 mg/L, Sept. 21, 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	170	160	168	130	120	121	140	140	140
2	---	---	---	160	130	151	120	120	120	140	80	118
3	---	---	---	140	130	130	120	120	120	90	80	85
4	---	---	---	140	130	137	120	120	120	90	80	86
5	---	---	---	150	140	140	120	120	120	100	80	89
6	---	---	---	150	140	140	120	120	120	90	80	86
7	150	150	150	140	140	140	120	110	114	100	80	85
8	150	150	150	140	130	139	110	110	110	100	90	91
9	300	150	171	140	130	135	120	110	111	90	80	89
10	340	150	182	140	130	140	120	110	120	90	90	90
11	300	160	187	140	130	131	120	120	120	100	90	90
12	3710	170	754	140	130	131	120	120	120	100	90	91
13	3190	190	1050	140	130	139	120	120	120	90	90	90
14	1940	210	721	140	140	140	120	120	120	90	80	82
15	2440	180	735	140	140	140	120	110	116	90	80	82
16	4880	190	1420	140	140	140	110	110	110	90	80	80
17	7920	210	2300	140	140	140	120	110	119	100	80	83
18	7430	240	2580	140	140	140	120	120	120	80	80	80
19	8260	500	3210	140	120	133	120	110	114	90	80	80
20	6040	240	1880	120	120	120	120	110	111	80	80	80
21	7570	210	2270	120	110	111	120	110	112	80	80	80
22	3780	200	1140	120	110	112	120	110	112	80	80	80
23	2820	190	679	120	120	120	140	120	133	80	80	80
24	1140	190	356	130	120	120	140	140	140	80	80	80
25	240	170	193	130	120	123	140	140	140	80	70	75
26	190	170	174	130	120	121	140	140	140	90	70	82
27	170	160	164	130	120	127	140	140	140	90	90	90
28	160	150	159	130	120	130	140	140	140	90	90	90
29	180	160	163	130	120	127	140	140	140	90	90	90
30	180	160	163	130	120	121	140	140	140	90	80	89
31	170	160	169	---	---	---	140	140	140	90	80	84
MONTH	---	---	---	170	110	133	140	110	123	140	70	88

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH				APRIL		MAY		
1	90	80	83	60	60	60	70	60	62	93	86	87
2	90	80	82	60	60	60	70	60	64	87	81	84
3	80	80	80	60	60	60	70	60	65	83	82	82
4	80	80	80	70	60	61	80	60	66	84	83	83
5	80	80	80	70	70	70	80	60	66	88	83	84
6	80	80	80	70	70	70	80	60	68	86	84	85
7	90	80	80	70	70	70	80	60	65	89	86	87
8	80	80	80	70	70	70	80	60	68	92	87	88
9	80	70	74	80	70	71	80	60	70	103	88	91
10	80	70	73	80	70	73	86	60	79	111	94	102
11	80	70	72	70	70	70	93	83	87	102	94	97
12	80	70	71	80	70	75	91	84	86	103	94	97
13	70	70	70	70	70	70	94	87	89	101	93	97
14	70	70	70	70	70	70	93	89	91	103	92	95
15	80	70	71	70	70	70	90	85	88	98	89	92
16	80	70	70	80	70	70	87	85	86	95	88	91
17	70	70	70	70	60	69	97	84	86	98	88	91
18	70	70	70	70	70	70	89	86	87	91	88	89
19	80	70	73	70	70	70	95	87	90	91	87	88
20	70	70	70	80	70	70	96	88	91	91	88	89
21	70	70	70	80	70	71	98	87	90	98	89	92
22	70	70	70	70	70	70	93	87	89	93	90	90
23	70	60	66	70	60	68	93	87	90	96	90	91
24	70	60	62	80	70	71	94	87	90	95	91	92
25	60	60	60	90	70	74	90	87	89	98	92	94
26	60	60	60	80	70	71	95	85	90	101	94	97
27	60	60	60	70	70	70	93	86	89	102	95	97
28	80	60	61	70	60	68	101	87	93	102	96	98
29	---	---	---	70	60	70	100	86	92	100	97	98
30	---	---	---	70	60	67	99	86	89	106	97	100
31	---	---	---	80	60	68	---	---	---	112	100	106
MONTH	90	60	72	90	60	69	101	60	82	112	81	92

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST		SEPTEMBER			
1	116	108	111	135	128	132	2090	223	428	4630	150	1010
2	116	111	112	141	128	133	4900	229	1260	4040	160	1160
3	120	111	114	3760	128	797	7320	252	2690	8090	150	1580
4	112	109	110	5560	152	1740	9240	220	2740	3610	140	365
5	115	108	111	1810	145	413	9020	212	2530	160	130	145
6	116	108	110	7120	143	1460	9530	195	2630	150	120	131
7	124	111	119	7470	180	2190	6730	190	1780	140	130	131
8	117	108	112	6460	253	2000	4980	182	858	150	130	142
9	110	105	106	5770	186	1310	3800	184	570	140	110	125
10	111	105	108	9540	194	1830	2800	163	523	120	100	106
11	113	107	110	12900	314	3650	764	140	233	100	90	94
12	112	106	108	12900	926	6310	390	140	195	90	90	90
13	---	---	---	14300	706	6390	930	140	258	90	90	90
14	---	---	---	13000	1080	6410	2490	140	455	100	90	94
15	---	---	---	13300	838	6470	1960	140	473	100	100	100
16	---	---	---	8240	343	3750	200	140	164	100	100	100
17	---	---	---	3960	210	1470	160	140	147	120	100	101
18	117	114	115	4920	223	1320	150	140	146	100	100	100
19	116	111	114	4810	311	1450	160	150	152	100	100	100
20	112	109	111	3590	183	870	900	140	209	110	100	102
21	115	110	112	1630	176	416	540	140	171	110	100	109
22	129	113	121	2060	81	416	350	130	147	110	100	108
23	136	123	131	2500	187	435	150	130	133	110	110	110
24	137	130	133	2000	184	384	140	130	138	110	110	110
25	870	129	151	---	---	---	160	140	142	110	100	109
26	1390	126	245	---	---	---	190	130	154	110	110	110
27	197	124	137	---	---	---	140	120	137	110	110	110
28	146	123	128	---	---	---	170	130	140	110	110	110
29	202	124	134	---	---	---	1600	130	350	110	110	110
30	137	130	134	346	255	288	1900	130	359	1880	110	327
31	---	---	---	270	223	244	2660	140	558	---	---	---
MONTH	---	---	---	---	---	---	9530	120	673	8090	90	239

WACCAMAW RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.0	22.0	23.0	18.0	17.0	17.0	12.5	11.5	11.5	7.5	6.5	7.0
2	23.5	22.0	22.5	17.5	16.5	17.0	11.5	10.5	11.5	7.5	6.0	7.0
3	23.0	21.5	22.0	17.0	16.0	16.5	12.0	11.0	11.5	7.0	6.5	7.0
4	23.0	21.5	22.5	16.5	15.5	16.0	12.5	12.0	12.0	8.0	7.0	7.5
5	23.5	22.0	22.5	16.0	15.0	15.5	12.0	11.0	11.5	9.0	7.5	8.0
6	24.0	22.0	22.5	16.0	15.0	15.5	11.5	10.5	11.0	10.0	8.5	9.0
7	23.5	22.0	23.0	15.5	15.0	15.5	11.5	10.0	10.5	11.5	9.5	10.5
8	23.5	22.5	23.0	16.0	15.0	15.0	10.5	9.5	10.0	12.5	11.0	12.0
9	23.5	22.5	23.0	15.5	14.5	15.0	10.0	9.5	9.5	13.5	12.5	12.5
10	24.5	23.0	23.5	15.0	14.0	14.5	11.0	9.5	10.0	13.5	12.0	12.5
11	25.0	23.0	23.5	15.0	14.0	14.5	10.5	9.5	9.5	12.5	11.5	12.0
12	24.0	23.5	23.5	14.5	14.0	14.5	9.5	9.0	9.5	12.0	11.0	12.0
13	24.5	23.5	23.5	14.0	14.0	14.0	9.5	9.0	9.0	12.5	12.0	12.0
14	24.0	23.5	24.0	14.5	13.5	14.0	9.0	8.5	9.0	12.5	11.5	12.0
15	24.0	23.0	23.5	14.5	12.5	13.5	8.5	8.0	8.0	11.5	11.0	11.5
16	23.0	22.0	22.5	13.5	12.5	13.0	9.0	7.5	8.0	11.0	10.5	11.0
17	22.0	21.5	21.5	13.0	11.5	12.5	9.0	8.0	8.5	11.0	10.5	10.5
18	22.0	20.5	21.0	12.5	11.5	12.0	8.5	7.5	8.0	11.0	10.0	10.5
19	21.0	20.0	20.5	12.0	11.0	11.5	8.5	7.5	8.0	10.0	9.5	10.0
20	20.5	19.5	20.0	12.0	10.5	11.0	9.0	7.5	8.5	9.5	9.0	9.5
21	20.5	19.0	20.0	12.0	11.0	11.5	9.0	8.0	8.5	9.0	8.5	9.0
22	20.0	18.0	19.5	12.5	11.5	12.0	9.0	8.5	8.5	9.5	8.5	9.0
23	19.0	18.0	18.5	12.5	11.5	12.0	9.5	8.5	9.0	10.5	9.5	10.0
24	19.0	17.5	18.0	12.0	11.0	11.5	9.5	8.5	9.0	11.0	10.0	10.5
25	19.0	18.0	18.0	12.0	10.5	11.5	11.0	9.5	10.0	10.5	9.5	10.0
26	18.5	18.0	18.0	12.5	10.5	11.5	10.5	9.5	10.0	10.0	9.0	9.5
27	18.5	17.0	18.0	12.0	11.0	11.5	10.5	10.0	10.0	10.0	9.5	9.5
28	18.0	16.5	17.0	12.5	10.5	11.0	10.0	9.5	10.0	9.5	9.0	9.5
29	17.5	16.5	17.0	11.5	11.0	11.5	9.5	9.0	9.5	9.5	8.5	9.0
30	17.5	16.5	17.0	12.5	11.5	12.0	9.0	8.0	8.5	10.0	9.0	9.5
31	17.0	16.5	17.0	---	---	---	8.5	7.5	8.0	9.5	8.5	9.0
MONTH	25.0	16.5	20.9	18.0	10.5	13.5	12.5	7.5	9.5	13.5	6.0	10.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.5	9.0	14.5	13.5	14.0	18.5	18.0	18.0	18.5	18.0	18.0
2	9.0	8.5	8.5	14.5	13.5	14.0	19.0	18.0	18.5	19.5	18.0	18.5
3	9.5	9.0	9.0	14.0	13.0	13.5	19.0	18.5	19.0	19.0	18.0	18.5
4	10.0	9.5	10.0	13.5	12.5	13.0	19.0	18.0	18.5	19.0	18.5	18.5
5	10.0	9.0	9.5	13.0	12.5	13.0	19.0	18.0	18.5	19.5	18.5	19.0
6	9.5	9.0	9.0	13.0	13.0	13.0	18.5	17.5	18.0	20.0	18.5	19.0
7	9.5	9.0	9.0	13.0	12.5	13.0	18.5	17.5	18.0	20.5	19.0	19.5
8	9.0	8.5	8.5	14.0	13.0	13.0	19.0	18.0	18.5	21.5	19.5	20.5
9	9.0	8.0	8.5	15.5	13.5	14.5	19.5	18.5	18.5	22.0	20.0	21.0
10	9.0	8.5	8.5	15.0	13.5	14.0	19.5	18.0	18.5	22.0	20.5	21.0
11	9.0	8.5	9.0	13.5	12.5	13.0	19.5	17.0	18.0	22.0	21.0	21.5
12	10.0	9.0	9.5	12.5	11.5	12.0	18.5	17.0	17.5	22.5	20.5	21.5
13	9.5	9.5	9.5	12.0	10.5	11.0	18.0	17.0	17.5	22.0	20.5	21.0
14	10.0	9.0	9.5	12.0	10.5	11.0	17.5	17.0	17.0	22.0	20.5	21.0
15	9.5	9.0	9.5	12.5	11.0	11.5	17.5	16.5	17.0	22.0	20.5	21.0
16	10.0	9.5	9.5	12.0	11.5	12.0	18.5	17.0	17.5	22.0	20.5	21.0
17	12.0	10.0	11.0	12.0	11.5	11.5	19.0	18.0	18.5	22.0	21.0	21.5
18	12.0	11.0	11.5	12.0	11.5	11.5	19.5	18.5	19.0	22.0	21.0	21.5
19	12.0	11.0	11.5	13.5	12.0	13.0	19.5	18.5	19.0	23.0	21.5	22.0
20	13.0	12.0	12.5	14.0	13.0	13.5	19.5	19.0	19.0	24.0	22.0	22.5
21	13.0	12.0	12.5	14.0	12.5	13.0	20.0	18.5	19.0	24.0	22.5	23.5
22	13.0	12.5	12.5	13.5	12.5	13.0	19.5	18.5	19.0	25.0	23.5	24.0
23	13.0	12.5	12.5	13.5	12.5	13.0	19.0	18.0	18.5	25.5	23.5	24.5
24	13.0	12.0	12.5	13.5	13.0	13.0	19.0	17.0	18.0	25.5	24.5	24.5
25	13.5	12.0	12.5	14.0	12.5	13.0	19.0	17.0	18.0	26.0	24.5	25.0
26	13.0	12.5	12.5	14.5	13.0	13.5	19.5	17.5	18.0	26.5	25.0	25.5
27	13.0	12.5	13.0	15.5	14.0	14.5	19.5	18.0	18.5	26.5	25.5	26.0
28	14.0	13.0	13.5	16.0	14.5	15.5	19.0	18.0	18.5	26.5	25.5	26.0
29	---	---	---	16.5	15.5	16.0	18.5	17.5	18.0	26.5	25.5	26.0
30	---	---	---	17.5	16.0	16.5	18.0	18.0	18.0	27.0	25.5	26.0
31	---	---	---	18.0	17.0	17.5	---	---	---	27.0	26.0	26.5
MONTH	14.0	8.0	10.5	18.0	10.5	13.3	20.0	16.5	18.3	27.0	18.0	22.1

WACCAMAW RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.0	26.0	27.0	32.5	30.5	31.0	30.5	29.0	30.0	29.5	28.0	28.5
2	28.0	26.5	27.0	32.0	30.5	31.0	29.0	28.0	28.5	29.5	28.5	29.0
3	28.5	27.0	27.5	32.0	30.5	31.0	28.5	27.5	28.0	28.5	27.5	28.0
4	29.0	27.5	28.0	32.0	31.0	31.5	29.0	27.5	28.0	28.5	26.5	27.5
5	28.5	27.5	28.0	32.0	31.0	31.0	29.0	27.5	28.0	28.5	26.5	27.5
6	28.5	27.5	28.0	31.5	30.0	31.0	29.0	27.5	28.0	28.5	26.5	27.5
7	28.0	27.0	27.5	32.0	30.0	31.0	29.5	27.5	28.5	28.5	26.5	27.5
8	27.5	26.0	27.0	32.0	30.0	31.0	30.0	28.0	29.0	28.5	27.0	27.5
9	27.0	26.0	26.5	32.0	30.5	31.0	29.5	28.5	29.0	27.0	25.5	26.5
10	26.0	25.5	25.5	32.5	30.0	30.5	29.5	28.5	29.0	26.5	24.5	25.5
11	26.5	25.0	25.5	30.5	30.0	30.5	30.0	28.5	29.0	25.5	24.0	24.5
12	27.0	25.5	26.0	30.5	29.5	30.0	29.5	28.5	29.0	25.0	23.5	24.5
13	---	---	---	30.0	29.0	29.5	29.5	28.5	29.0	25.0	23.5	24.0
14	---	---	---	30.0	29.0	29.5	29.0	28.0	28.5	25.0	24.0	24.5
15	---	---	---	29.5	29.0	29.0	29.0	28.0	28.5	25.0	24.0	24.5
16	---	---	---	29.5	29.0	29.0	29.5	28.0	28.5	25.5	24.0	25.0
17	---	---	---	29.5	28.5	29.0	29.5	28.0	29.0	26.0	24.5	25.0
18	29.0	27.5	28.5	30.0	28.5	29.5	29.0	28.5	29.0	26.0	25.0	25.5
19	29.5	28.0	28.5	30.0	29.0	29.5	30.0	28.5	29.0	26.0	25.5	25.5
20	29.5	27.5	28.5	31.0	29.0	29.5	29.5	27.5	28.5	27.0	25.0	26.0
21	30.0	28.0	29.0	31.5	29.0	30.0	29.0	27.5	28.5	26.5	25.5	26.0
22	30.5	28.0	29.0	31.5	29.5	30.5	29.5	27.5	28.5	27.0	26.0	26.5
23	31.0	28.5	29.5	32.0	29.5	30.5	29.0	27.0	28.5	27.0	26.0	26.5
24	31.5	29.0	30.0	31.5	29.0	30.5	29.0	28.0	28.5	26.5	25.5	26.0
25	31.0	29.5	30.0	31.5	29.5	30.5	29.5	28.0	28.5	26.5	25.0	26.0
26	31.5	29.5	30.5	31.5	30.0	30.5	28.0	27.0	27.5	26.5	25.0	26.0
27	31.5	29.5	30.5	30.5	29.5	30.5	29.0	26.5	27.5	26.5	25.0	26.0
28	31.5	29.5	30.5	31.0	29.5	30.0	28.5	27.0	27.5	27.0	25.5	26.0
29	31.5	30.5	31.0	31.0	29.5	30.0	29.0	27.5	28.0	26.5	26.0	26.0
30	31.5	30.0	31.0	31.0	30.0	30.5	29.5	28.0	28.5	26.5	26.0	26.0
31	---	---	---	31.0	30.0	30.5	29.5	28.5	28.5	---	---	---
MONTH	---	---	---	32.5	28.5	30.3	30.5	26.5	28.5	29.5	23.5	26.2

WACCAMAW RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.3	4.8	5.0	6.0	5.4	5.7	8.4	7.3	7.8	9.1	8.4	8.7
2	5.5	4.9	5.2	6.1	5.6	5.9	7.9	7.2	7.5	9.6	8.6	8.9
3	5.5	5.0	5.3	6.0	5.7	5.8	7.8	6.9	7.4	9.7	8.9	9.3
4	5.3	5.0	5.1	6.0	5.6	5.8	7.6	6.6	7.2	9.6	8.8	9.3
5	5.2	4.9	5.0	5.8	5.4	5.6	7.7	6.6	7.3	10.1	8.9	9.4
6	5.1	4.8	5.0	5.7	5.4	5.6	7.9	6.8	7.3	9.4	8.4	9.0
7	5.1	4.7	4.9	5.6	5.3	5.5	7.5	6.8	7.1	9.4	8.5	8.9
8	5.0	4.8	4.9	5.5	5.2	5.4	7.6	7.0	7.3	9.2	8.4	8.7
9	5.0	4.8	4.8	5.8	5.3	5.5	7.9	7.0	7.5	8.9	8.4	8.7
10	4.9	4.7	4.8	5.6	5.5	5.5	8.2	7.0	7.6	8.6	8.0	8.3
11	4.9	4.6	4.8	5.7	5.5	5.6	8.0	7.1	7.6	8.3	7.6	8.0
12	5.2	4.6	4.7	5.8	5.6	5.7	7.8	7.1	7.5	8.5	7.6	8.1
13	4.8	4.5	4.7	5.9	5.7	5.8	7.7	6.9	7.4	8.6	7.8	8.1
14	4.7	4.5	4.6	6.0	5.7	5.8	7.7	7.0	7.4	8.6	7.7	8.3
15	4.9	4.3	4.6	5.9	5.6	5.7	8.3	7.7	8.0	8.8	7.7	8.3
16	5.1	4.6	4.8	6.1	5.7	5.9	8.3	7.6	8.0	8.7	7.8	8.2
17	5.0	4.8	4.9	6.2	6.0	6.1	8.1	7.2	7.6	8.7	7.8	8.2
18	5.3	4.8	5.0	6.4	6.2	6.3	7.8	7.2	7.5	8.8	8.1	8.4
19	5.4	4.9	5.1	6.7	6.4	6.5	7.7	7.1	7.5	9.4	8.1	8.7
20	5.1	4.8	4.9	7.7	6.3	7.0	8.0	7.2	7.6	9.3	8.5	9.0
21	5.0	4.7	4.8	7.7	7.0	7.4	8.2	7.3	7.7	9.3	8.5	9.0
22	5.0	4.7	4.9	7.8	6.8	7.4	8.3	7.5	8.0	9.5	8.7	9.1
23	5.1	4.8	5.0	7.6	6.8	7.3	8.9	7.7	8.3	9.8	8.6	9.3
24	5.3	5.0	5.1	7.8	7.0	7.4	9.5	8.6	9.2	9.3	8.6	8.9
25	5.4	5.2	5.3	7.6	7.0	7.3	9.7	8.5	9.3	9.1	8.4	8.7
26	5.7	5.3	5.5	7.8	6.8	7.4	9.2	8.2	8.7	8.9	8.4	8.6
27	6.0	5.5	5.8	7.7	7.0	7.3	9.3	8.8	9.0	9.2	8.7	9.0
28	6.2	5.7	5.9	8.1	6.8	7.6	9.7	8.7	9.2	9.4	8.9	9.2
29	5.9	5.7	5.8	8.1	7.5	7.7	10.2	9.2	9.6	9.3	9.1	9.2
30	5.8	5.5	5.6	7.9	7.1	7.6	10.6	9.4	10.1	9.3	9.2	9.3
31	5.6	5.4	5.5	---	---	---	9.9	8.6	9.2	9.3	9.2	9.3
MONTH	6.2	4.3	5.1	8.1	5.2	6.4	10.6	6.6	8.0	10.1	7.6	8.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.3	9.1	9.2	8.4	7.8	8.1	---	---	---	---	---	---
2	9.3	9.1	9.2	8.5	7.7	8.1	---	---	---	---	---	---
3	9.7	9.2	9.4	8.6	8.3	8.4	---	---	---	---	---	---
4	9.6	9.0	9.3	8.6	8.1	8.4	---	---	---	---	---	---
5	9.3	8.9	9.1	8.5	8.1	8.3	---	---	---	5.6	5.1	5.3
6	9.0	8.9	8.9	8.2	7.9	8.1	---	---	---	5.6	4.8	5.2
7	9.0	8.8	9.0	8.1	7.6	7.9	---	---	---	5.8	4.7	5.1
8	9.0	8.8	8.9	8.0	7.7	7.9	---	---	---	6.2	4.9	5.7
9	9.1	8.9	8.9	8.5	7.8	8.2	---	---	---	5.6	4.5	5.0
10	9.1	8.9	9.0	8.4	7.7	8.0	---	---	---	5.1	4.4	4.8
11	9.2	8.8	9.0	8.3	7.7	7.9	---	---	---	5.0	4.2	4.6
12	9.2	8.8	9.0	9.0	7.8	8.5	---	---	---	4.6	4.1	4.4
13	9.0	8.8	8.9	8.6	8.1	8.3	---	---	---	5.1	4.2	4.6
14	9.0	8.7	8.9	9.1	8.2	8.5	---	---	---	4.9	4.3	4.6
15	9.1	8.8	9.0	8.7	8.2	8.4	---	---	---	4.8	4.3	4.5
16	9.1	8.9	9.0	8.6	8.2	8.4	---	---	---	4.9	4.3	4.4
17	9.3	8.9	9.1	8.6	8.1	8.3	---	---	---	5.0	4.1	4.5
18	9.0	8.5	8.7	8.1	7.9	8.0	---	---	---	4.5	4.0	4.2
19	8.7	8.4	8.5	8.0	7.7	7.8	---	---	---	4.2	3.5	3.9
20	8.4	8.1	8.3	7.8	7.4	7.6	---	---	---	4.7	3.7	4.2
21	8.3	8.0	8.1	7.8	7.3	7.6	---	---	---	4.6	3.8	4.2
22	8.2	7.9	8.0	7.6	6.9	7.3	---	---	---	5.0	3.8	4.4
23	8.8	8.0	8.4	7.3	6.9	7.2	---	---	---	4.8	3.6	4.1
24	9.0	8.3	8.6	7.3	6.9	7.1	---	---	---	4.2	3.4	3.8
25	8.9	8.3	8.5	7.3	6.6	7.0	---	---	---	4.5	3.1	3.9
26	8.4	8.2	8.3	7.4	6.6	7.1	---	---	---	4.3	3.8	4.1
27	8.2	7.8	8.1	7.3	6.9	7.1	---	---	---	4.6	3.8	4.2
28	8.3	7.7	8.1	7.3	6.6	6.9	---	---	---	4.5	3.6	4.0
29	---	---	---	7.2	6.3	6.8	---	---	---	3.8	3.4	3.6
30	---	---	---	6.9	6.0	6.3	---	---	---	3.9	3.3	3.5
31	---	---	---	6.6	5.6	6.0	---	---	---	4.0	3.1	3.5
MONTH	9.7	7.7	8.8	9.1	5.6	7.7	---	---	---	---	---	---

WACCAMAW RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.8	3.8	4.4	4.9	4.3	4.6	5.8	4.9	5.3	4.4	3.5	3.8
2	4.8	4.0	4.4	4.7	4.2	4.5	6.0	5.1	5.4	4.5	3.6	4.0
3	4.8	4.0	4.3	4.7	4.1	4.4	5.7	4.7	5.1	5.0	3.5	4.2
4	4.7	3.8	4.3	4.9	4.0	4.4	5.4	4.3	4.9	5.0	3.9	4.5
5	4.7	3.2	4.2	5.1	4.3	4.6	5.5	4.4	4.8	4.5	3.3	3.9
6	4.5	2.9	3.9	5.3	4.2	4.5	5.9	4.5	5.0	3.8	3.3	3.6
7	4.8	3.9	4.3	4.9	4.0	4.4	5.6	4.6	5.0	4.5	3.3	3.9
8	3.9	3.3	3.6	4.8	3.9	4.4	5.7	4.7	5.0	5.0	3.7	4.4
9	4.3	3.3	3.9	5.1	4.2	4.6	5.2	4.6	4.9	4.3	3.3	3.8
10	4.6	3.9	4.2	5.7	4.3	4.9	5.0	4.4	4.7	3.6	2.8	3.1
11	4.5	3.6	4.1	4.7	4.0	4.4	5.6	4.4	4.9	3.3	2.5	2.9
12	4.6	3.6	4.1	4.7	3.8	4.2	5.1	4.5	4.7	2.9	2.5	2.7
13	---	---	---	4.7	3.8	4.3	4.9	4.4	4.6	2.8	2.3	2.5
14	---	---	---	4.9	4.0	4.4	4.9	4.3	4.6	2.8	1.9	2.4
15	---	---	---	4.7	4.3	4.5	5.1	4.4	4.6	2.8	2.1	2.4
16	---	---	---	4.7	4.0	4.3	4.8	4.5	4.7	2.6	2.0	2.3
17	---	---	---	4.8	4.2	4.5	5.0	4.5	4.7	2.8	2.1	2.3
18	5.0	4.4	4.8	4.8	4.3	4.5	4.9	4.6	4.8	2.2	1.6	1.9
19	5.3	4.5	4.8	4.8	4.2	4.4	5.3	4.6	4.9	1.9	1.5	1.7
20	4.9	4.3	4.6	4.8	4.3	4.5	5.9	5.3	5.5	1.8	1.4	1.5
21	4.6	4.1	4.3	5.1	4.4	4.7	5.9	4.9	5.3	1.8	1.3	1.5
22	4.6	4.0	4.3	5.4	4.6	4.9	5.3	4.8	5.0	1.9	1.5	1.7
23	4.8	4.1	4.3	5.8	4.8	5.2	5.0	4.6	4.7	2.6	1.5	2.1
24	4.9	4.0	4.4	6.1	4.9	5.4	4.9	4.5	4.7	2.8	2.1	2.4
25	4.8	4.0	4.4	6.1	4.9	5.3	5.1	4.4	4.8	2.4	1.7	2.0
26	5.0	4.1	4.5	5.8	4.8	5.1	6.3	5.1	5.6	2.0	1.6	1.8
27	5.1	4.2	4.6	5.1	4.5	4.7	5.9	5.0	5.5	2.1	1.7	1.9
28	4.9	4.2	4.5	5.3	4.4	4.8	5.3	4.4	4.8	2.5	1.9	2.2
29	4.7	4.0	4.3	4.9	4.3	4.5	5.3	4.4	4.8	2.5	1.4	2.0
30	5.2	4.1	4.5	5.3	4.4	4.8	4.8	3.8	4.4	2.0	1.3	1.7
31	---	---	---	5.6	4.8	5.1	4.6	3.3	4.0	---	---	---
MONTH	---	---	---	6.1	3.8	4.6	6.3	3.3	4.9	5.0	1.3	2.7

PEE DEE RIVER BASIN

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 mi², approximately.

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

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

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³/s).

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	3480	5360	2340	11500	36900	15400	13400	10500	5060	3750	6390	772
2	3320	3470	6550	9160	28700	14800	13400	9360	7210	3520	2190	4950
3	2770	1490	7760	8230	24800	13700	12300	9040	7740	3760	1370	2970
4	1900	4490	5250	5290	24500	13400	12600	9370	6810	4310	3670	19300
5	1320	4770	4850	2750	35200	13200	11300	10500	7170	2050	3700	46200
6	1610	4860	3970	5000	40100	12200	7750	11100	6040	1890	3080	35500
7	3100	4750	2340	11900	36400	10900	5690	11600	2530	1260	2750	18900
8	1920	3190	1640	40200	30200	7040	8130	12700	3120	2030	2150	9010
9	2510	922	3240	52700	24800	25700	8580	20200	5940	1930	999	5450
10	2570	734	3520	50100	21000	46300	35800	32900	6300	2690	1380	3370
11	3080	3130	3760	37200	18400	44600	33700	26800	8310	2090	4080	2030
12	1180	3560	5190	25900	18000	36200	22400	22400	9500	1190	4510	1450
13	1090	5130	4090	19600	17200	27500	14000	19800	8740	1010	4530	963
14	1820	7020	1940	15500	16200	22800	10200	16000	3890	1920	3790	843
15	1970	13000	1780	13500	15100	18400	10900	13000	2490	1650	3100	2240
16	3610	10300	4750	16400	13900	16400	10500	12100	5240	2910	3120	2380
17	3190	6040	5130	35400	22700	15600	11500	11200	6860	3820	1290	2040
18	2340	5250	5520	44300	46500	15300	19200	10700	7240	3250	2150	2300
19	1660	3990	4360	36200	52500	37700	31500	10500	6760	1250	4860	1790
20	5600	3670	2950	36500	42100	59300	44100	9930	5630	1380	5550	972
21	8070	2110	557	34000	31500	61900	46400	9380	2300	3790	3890	780
22	7110	3750	891	28800	24800	49100	45500	6640	2370	4370	2700	1780
23	3690	10100	6230	24600	21600	36400	38100	2460	4840	5150	911	2280
24	3180	8680	11800	27100	20900	28600	32300	4590	5390	3990	786	1960
25	2840	6290	19500	29400	21100	22600	27000	2180	5390	3930	3530	1970
26	1410	6550	27400	24300	18000	19300	21200	4700	5390	1960	3720	2160
27	4440	6350	18100	19900	16900	16700	17700	6060	5560	2010	4100	852
28	7540	3050	12700	33400	15200	15600	15600	7620	1930	8780	5740	656
29	8210	3800	11600	50100	---	15200	14000	7920	1620	9680	2620	2440
30	6670	3190	13000	57300	---	13800	11600	4550	3470	5050	1270	2580
31	5560	---	13300	51300	---	13700	---	3320	---	4640	728	---
TOTAL	108760	148996	216008	857530	735200	759340	606350	349120	160840	101010	94654	180888
MEAN	3508	4967	6968	27660	26260	24490	20210	11260	5361	3258	3053	6030
MAX	8210	13000	27400	57300	52500	61900	46400	32900	9500	9680	6390	46200
MIN	1090	734	557	2750	13900	7040	5690	2180	1620	1010	728	656
CFSM	.46	.65	.92	3.64	3.45	3.22	2.66	1.48	.71	.43	.40	.79
IN.	.53	.73	1.06	4.20	3.60	3.72	2.97	1.71	.79	.49	.46	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1998, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	6102	7615	7291	16530	15530	20580	15300	8029
MAX	15040	18640	11850	27660	26260	35610	24740	13350
(WY)	1996	1996	1997	1998	1998	1993	1991	1997
MIN	2202	2449	3475	5732	6597	11350	3420	4431
(WY)	1994	1992	1992	1992	1993	1992	1995	1995

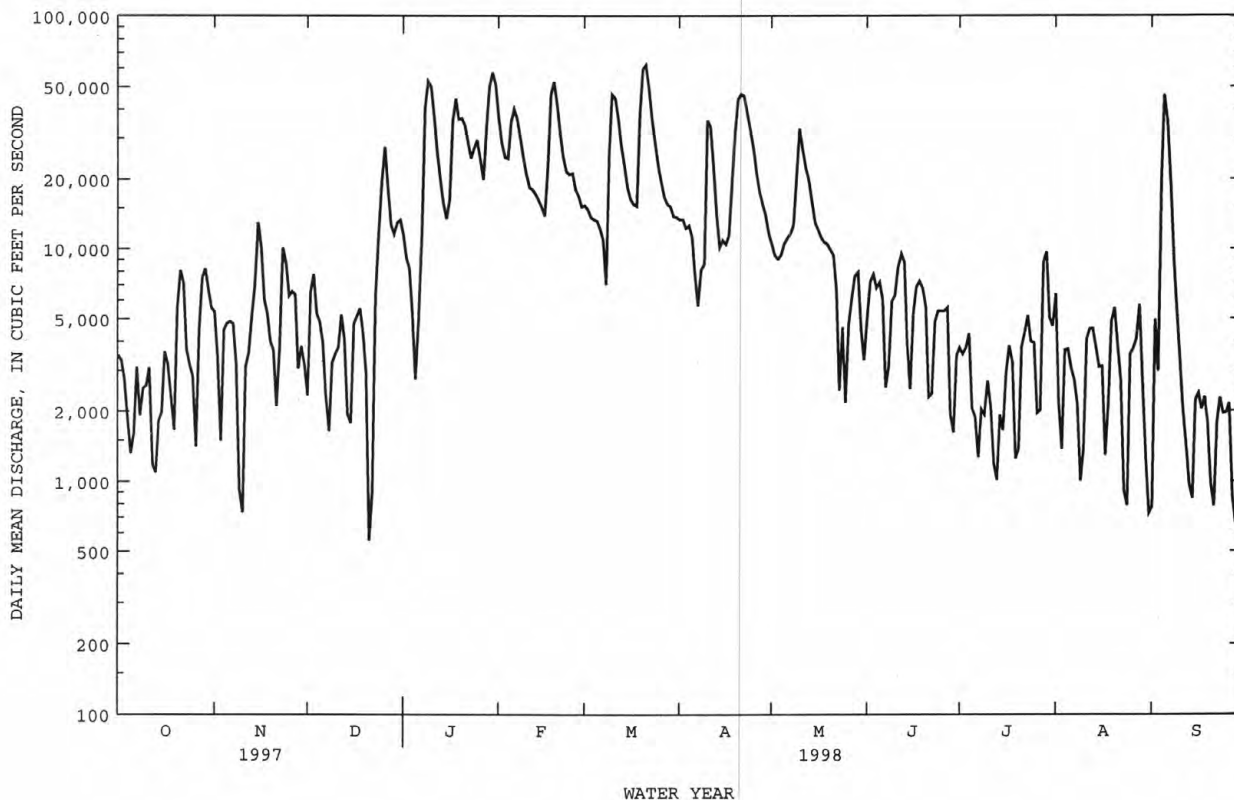
PEE DEE RIVER BASIN

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02130561 PEE DEE RIVER NEAR BENNETTSTVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1991 - 1998	
ANNUAL TOTAL	3193244		4318696		9736	
ANNUAL MEAN	8749		11830		11830	
HIGHEST ANNUAL MEAN					6255	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	63200	Jul 26	61900	Mar 21	77400	Feb 19 1995
LOWEST DAILY MEAN	557	Dec 21	557	Dec 21	556	Aug 21 1995
ANNUAL SEVEN-DAY MINIMUM	2020	Oct 8	1650	Sep 19	880	Nov 24 1991
INSTANTANEOUS PEAK FLOW			66100	Mar 21	* 88200	Oct 26 1990
INSTANTANEOUS PEAK STAGE			86.89	Mar 21	* 87.51	Oct 26 1990
ANNUAL RUNOFF (CFSM)	1.15		1.56		1.28	
ANNUAL RUNOFF (INCHES)	15.63		21.14		17.41	
10 PERCENT EXCEEDS	16700		33100		21700	
50 PERCENT EXCEEDS	5130		6230		6190	
90 PERCENT EXCEEDS	1990		1780		1970	

* From discharge measurement made prior to gage installation.



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.

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.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	175	247	279	424	344	308	264	198	108	232	73
2	85	176	265	262	355	357	388	272	214	98	156	73
3	72	188	278	237	364	347	379	279	189	81	128	111
4	66	198	273	214	530	319	426	286	145	73	107	355
5	62	185	243	201	846	294	405	262	158	74	91	441
6	60	146	206	201	1030	279	447	243	192	71	94	730
7	60	134	178	237	745	275	411	232	207	e65	117	519
8	59	132	164	477	577	357	330	228	215	e66	148	315
9	57	132	164	1110	475	588	395	226	194	e64	157	207
10	58	129	176	981	406	826	461	236	174	e67	199	151
11	58	127	188	645	377	747	630	279	225	e63	223	130
12	58	136	194	459	358	568	594	259	234	e66	232	117
13	58	163	191	361	346	429	418	245	242	e65	286	109
14	61	227	185	310	344	360	346	234	199	e59	230	104
15	112	264	174	300	330	331	325	212	141	e63	177	99
16	145	325	162	360	323	312	308	196	126	e68	226	97
17	178	436	154	402	526	306	349	190	125	e71	220	95
18	207	361	149	481	850	375	433	182	100	e80	197	94
19	217	254	139	550	999	616	560	175	108	e88	182	94
20	217	187	133	524	669	1220	608	165	171	e100	151	96
21	220	174	136	486	497	1070	485	155	175	e110	117	98
22	229	188	161	517	408	663	400	148	181	e120	102	116
23	219	198	200	510	389	498	355	144	154	105	94	129
24	146	206	231	483	393	438	331	143	138	83	88	119
25	126	203	318	554	399	375	415	148	120	77	83	103
26	e150	188	376	531	417	358	368	147	109	130	79	97
27	e275	163	459	505	374	347	310	139	96	159	79	92
28	286	154	455	598	345	334	269	133	91	187	86	89
29	391	150	368	872	---	322	248	135	85	199	70	91
30	400	200	345	775	---	310	242	140	83	206	67	112
31	262	---	320	543	---	302	---	185	---	230	69	---
TOTAL	4712	5899	7232	14965	14096	14267	11944	6282	4789	3096	4487	5056
MEAN	152	197	233	483	503	460	398	203	160	99.9	145	169
MAX	400	436	459	1110	1030	1220	630	286	242	230	286	730
MIN	57	127	133	201	323	275	242	133	83	59	67	73
CFM	1.41	1.82	2.16	4.47	4.66	4.26	3.69	1.88	1.48	.92	1.34	1.56
IN.	1.62	2.03	2.49	5.15	4.86	4.91	4.11	2.16	1.65	1.07	1.55	1.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1998, BY WATER YEAR (WY)

MEAN	133	140	165	214	228	245	199	136	116	113	125	102
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	34.6	26.7
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1983	1968

PEE DEE RIVER BASIN

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02130900 BLACK CREEK NEAR MCBEE, SC--Continued

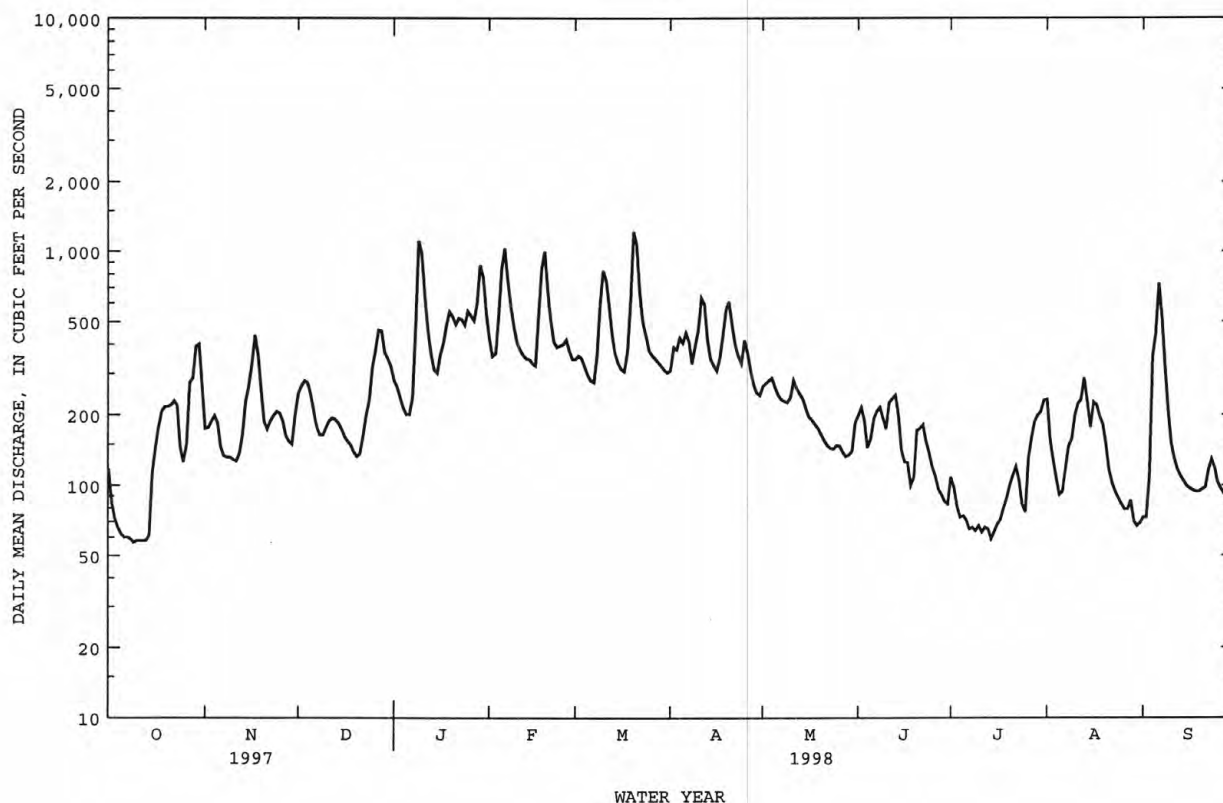
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1960 - 1998
ANNUAL TOTAL	58624	96825	
ANNUAL MEAN	161	265	159
HIGHEST ANNUAL MEAN			265
LOWEST ANNUAL MEAN			91.4
HIGHEST DAILY MEAN	921 Jul 26	1220 Mar 20	2460 Oct 13 1990
LOWEST DAILY MEAN	39 *** Jul 16	57 Oct 9	17 * Jun 29 1981
ANNUAL SEVEN-DAY MINIMUM	43 Jul 12	58 Oct 7	18 Jul 30 1990
INSTANTANEOUS PEAK FLOW		1480 Mar 20	** 4500 Oct 12 1990
INSTANTANEOUS PEAK STAGE		10.95 Mar 20	13.07 Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.49	2.46	1.48
ANNUAL RUNOFF (INCHES)	20.19	33.35	20.05
10 PERCENT EXCEEDS	278	507	288
50 PERCENT EXCEEDS	152	207	137
90 PERCENT EXCEEDS	53	82	49

e Estimated

* Also occurred on Aug. 4 - 5, 1990.

** From rating curve extended above 1,800 ft³/s.

*** Also occurred on July 17, 18.



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.

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

REMARKS.--Records good except for estimated daily discharges, Jan.31 to Feb. 1, July 18 - 21, and Aug. 16 - 26, which are poor.
Some regulation by storage in Lake Robinson above station.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	355	290	434	695	490	422	e322	186	121	355	107
2	147	333	298	408	788	356	476	181	191	119	335	106
3	135	291	305	390	803	372	538	227	200	125	291	148
4	126	272	318	367	810	381	592	273	200	124	255	472
5	120	258	324	339	861	384	599	297	208	125	221	697
6	114	243	309	324	1040	412	527	304	232	117	190	725
7	108	221	288	344	1050	476	570	302	248	112	177	756
8	103	203	268	442	943	659	519	313	238	108	178	521
9	99	186	261	1100	881	874	552	315	238	106	192	262
10	96	178	254	1310	726	912	583	315	249	107	220	203
11	94	172	250	868	460	954	641	455	260	103	239	194
12	91	168	254	779	356	835	701	553	266	100	251	182
13	87	196	249	498	351	756	691	362	272	97	273	173
14	87	214	244	404	517	474	572	286	276	94	293	165
15	132	231	237	415	557	480	429	287	254	96	288	158
16	135	253	223	490	658	472	429	278	230	99	293	152
17	139	284	212	551	859	463	557	274	211	101	292	156
18	149	329	205	548	974	577	640	265	188	105	285	180
19	189	348	196	667	1080	810	662	247	192	107	273	169
20	210	332	188	794	913	1090	688	233	222	122	252	139
21	217	302	183	718	858	1290	691	223	214	129	225	118
22	227	298	204	664	639	1130	674	214	212	129	200	122
23	234	288	220	740	576	862	560	198	213	128	178	125
24	230	275	255	733	557	777	312	188	208	127	163	124
25	215	260	297	698	497	584	339	181	196	132	240	125
26	234	251	334	691	496	648	415	178	164	129	296	125
27	293	244	395	719	503	615	445	173	180	162	104	125
28	307	230	442	764	510	585	433	182	161	255	99	124
29	314	220	475	908	---	563	372	178	160	253	99	125
30	349	259	467	962	---	425	353	174	127	263	100	129
31	368	---	457	787	---	420	---	179	---	307	103	---
TOTAL	5504	7694	8902	19856	19958	20126	15982	8157	6396	4202	6960	6907
MEAN	178	256	287	641	713	649	533	263	213	136	225	230
MAX	368	355	475	1310	1080	1290	701	553	276	307	355	756
MIN	87	168	183	324	351	356	312	173	127	94	99	106
CFSM	1.03	1.48	1.66	3.70	4.12	3.75	3.08	1.52	1.23	.78	1.30	1.33
IN.	1.18	1.65	1.91	4.27	4.29	4.33	3.44	1.75	1.38	.90	1.50	1.49

MEAN	184	197	231	297	313	338	273	196	173	166	189	158
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	79.2	79.7
(WY)	1982	1982	1989	1981	1989	1985	1985	1981	1986	1986	1988	1968

PEE DEE RIVER BASIN

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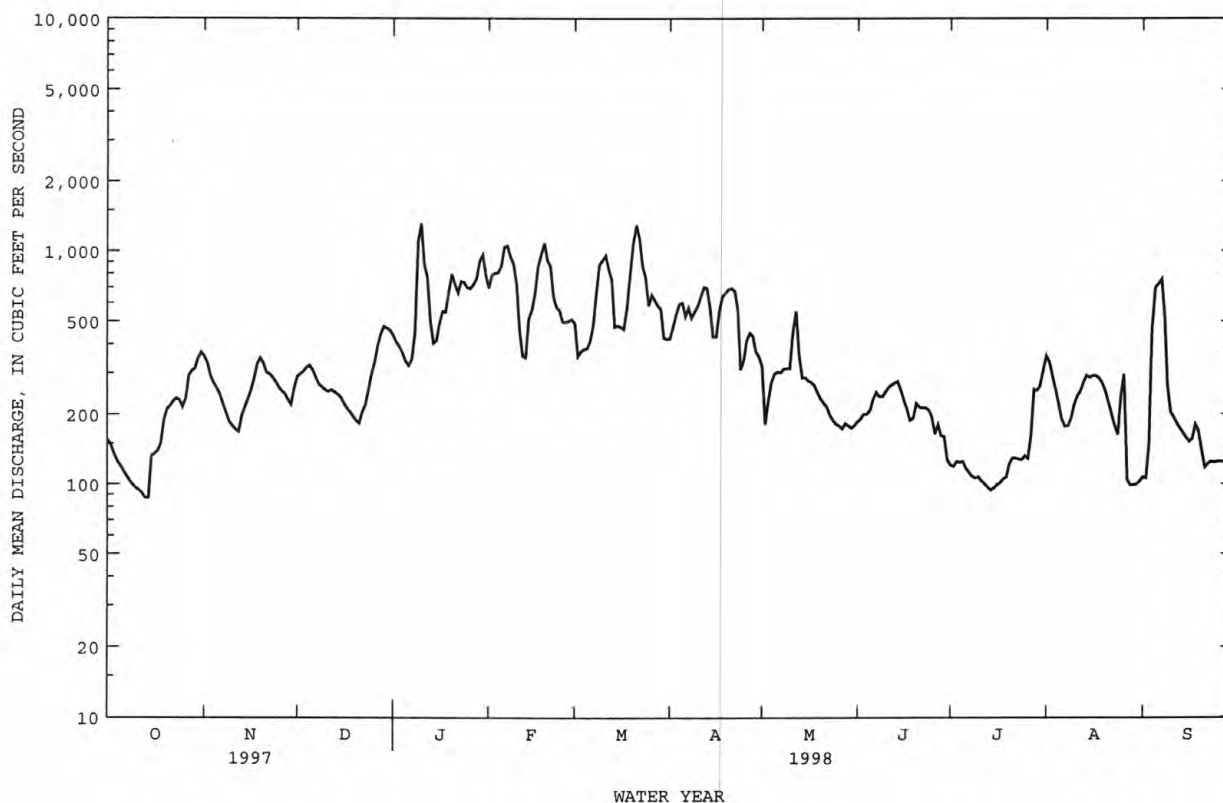
02130910 BLACK CREEK NEAR HARTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1961 - 1998	
ANNUAL TOTAL	76932		130644			
ANNUAL MEAN	211		358		226	
HIGHEST ANNUAL MEAN					358	
LOWEST ANNUAL MEAN					141	
HIGHEST DAILY MEAN	817	Jul 27	1310	Jan 10	2890	Oct 13 1990
LOWEST DAILY MEAN	69	Sep 9	87	** Oct 13	30	Aug 7 1990
ANNUAL SEVEN-DAY MINIMUM	73	Sep 6	94	Oct 8	33	Aug 2 1990
INSTANTANEOUS PEAK FLOW			1470	Jan 9	* 4450	Oct 13 1990
INSTANTANEOUS PEAK STAGE			9.13	Jan 9	12.35	Oct 13 1990
ANNUAL RUNOFF (CFSM)	1.22		2.07		1.31	
ANNUAL RUNOFF (INCHES)	16.54		28.09		17.73	
10 PERCENT EXCEEDS	332		729		374	
50 PERCENT EXCEEDS	210		273		199	
90 PERCENT EXCEEDS	87		123		99	

e Estimated

* From rating curve extended above 1,100 ft³/s.

** Also occurred on Oct. 14.



PEE DEE BASIN

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 mi², 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 ft³).

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	2500	8560	5260	18100	31200	22200	19000	19000	5500	3720	6270	1470
2	3770	7870	5220	17500	37100	20900	18100	17400	6340	4180	6570	1340
3	4210	5890	8360	16400	41100	19900	17400	15900	7660	4240	4370	4310
4	3630	3770	10000	15200	41000	18900	16900	14800	8230	4380	3020	5130
5	2700	5870	9020	12500	37700	18200	16400	14100	7960	4530	4330	12800
6	2020	6770	7990	9450	34700	17500	15600	13800	8000	3030	4560	16900
7	2070	6960	6750	9290	33300	16800	14000	13800	6940	2380	4290	18000
8	3150	6740	4990	13800	32900	15900	12100	13900	4370	1880	3870	18500
9	2580	5070	4140	17600	32800	16100	11900	14400	4280	2220	3170	17200
10	2800	2810	5360	19300	32200	18300	13500	16000	6370	2380	2170	14500
11	2980	2150	5720	21500	30600	20400	17200	17700	7250	2900	2060	11000
12	3270	4050	6010	23800	28200	22800	18900	18900	8680	2640	4400	7090
13	2030	5110	7290	26600	25800	25500	20500	19800	10000	1870	5210	4140
14	1470	6910	6550	28000	23800	28000	20700	20100	9400	1450	5200	2540
15	1840	9520	4320	27200	22200	28900	19200	19700	6380	1990	4700	1930
16	2340	12800	3910	25100	21000	27600	17700	18600	4320	2110	4230	2770
17	4010	12900	6160	23300	20600	25400	16700	17500	5740	3210	4000	3110
18	4150	11000	7300	22900	21000	23300	16500	16300	7120	4110	2640	2870
19	3370	9350	7540	23600	22400	22100	17500	15300	7740	3740	2970	2970
20	2870	7420	6920	25200	24700	22100	18800	14400	7720	2270	5070	2580
21	6070	6150	5230	27100	27800	23500	20500	13500	6510	1930	5720	1850
22	8170	4770	3020	28800	31400	26300	22300	12500	4010	3920	4810	1510
23	7930	6370	3320	30400	33700	32600	24300	9700	3530	4990	3680	2060
24	5590	10800	8870	30900	32800	40800	26300	5890	5370	5580	2070	2750
25	4370	11300	13700	30300	30300	43100	27600	5470	6100	4980	1530	2600
26	3800	10200	16300	29500	27700	39100	27900	4060	6300	4430	3490	2540
27	2810	9670	17800	29100	25600	33700	27100	5300	6260	3020	4180	2650
28	5530	8620	18600	28300	23700	28800	25200	6900	5830	3160	4730	1750
29	8650	6030	18800	27300	---	25000	23000	8330	3380	7480	5490	1180
30	9800	5620	18500	27300	---	22400	21000	8810	2440	8810	3800	2530
31	9380	---	18300	28300	---	20500	---	7060	---	7020	2130	---
TOTAL	129860	221050	271250	713640	827300	766600	583800	418920	189730	114550	124730	172570
MEAN	4189	7368	8750	23020	29550	24730	19460	13510	6324	3695	4024	5752
MAX	9800	12900	18800	30900	41100	43100	27900	20100	10000	8810	6570	18500
MIN	1470	2150	3020	9290	20600	15900	11900	4060	2440	1450	1530	1180
CFSM	.47	.83	.99	2.61	3.35	2.80	2.20	1.53	.72	.42	.46	.65
IN.	.55	.93	1.14	3.01	3.49	3.23	2.46	1.76	.80	.48	.53	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1998, BY WATER YEAR (WY)

	MEAN	6812	6854	9060	13070	16060	17810	14420	9382	7461	6627	6796	6628
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	2714	2475	1981	1380	
(WY)	1952	1954	1940	1956	1941	1981	1981	1981	1988	1986	1954	1954	

PEE DEE BASIN

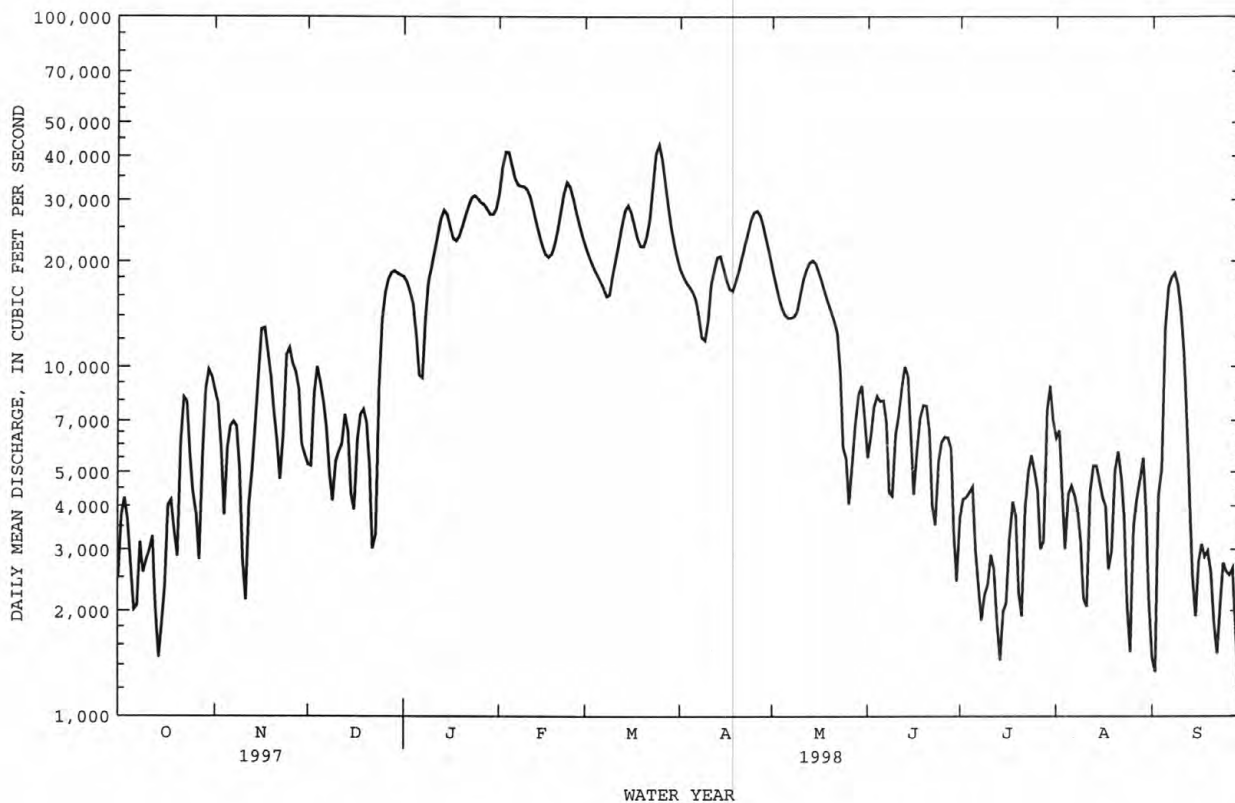
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02131000 PEE DEE RIVER AT PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1939 - 1998	
ANNUAL TOTAL	3393300		4534000		10010	
ANNUAL MEAN	9297		12420		16470	
HIGHEST ANNUAL MEAN					5392	
LOWEST ANNUAL MEAN					217000	
HIGHEST DAILY MEAN	32800	May 6	43100	Mar 25	720	Sep 22 1945
LOWEST DAILY MEAN	1470	Oct 14	1180	Sep 29	814	Sep 27 1954
ANNUAL SEVEN-DAY MINIMUM	2350	Sep 5	2190	Jul 8	220000	Sep 22 1945
INSTANTANEOUS PEAK FLOW			43600	Mar 25	** 33.30	Sep 22 1945
INSTANTANEOUS PEAK STAGE			25.52	Mar 25	629	Jun 26 1984
INSTANTANEOUS LOW FLOW			991	Sep 29	1.13	
ANNUAL RUNOFF (CFSM)	1.05		1.41		15.40	
ANNUAL RUNOFF (INCHES)	14.30		19.10		20500	
10 PERCENT EXCEEDS	18200		27600		7230	
50 PERCENT EXCEEDS	7060		8170		3120	
90 PERCENT EXCEEDS	2790		2580			

* From rating curve extended above 76,000 ft³/s on basis of discharge measurement of 221,000 ft³/s at Cheraw.

** At datum then in use.



PEE DEE RIVER BASIN

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 mi², 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.--Records good except for estimated daily discharges, which are fair. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³).

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	2350	8540	5210	17500	e31700	21100	18500	18500	5250	3570	6070	1800
2	3330	7870	5000	17000	e37600	20100	17400	16900	6130	4020	6470	1580
3	3890	5910	8170	15900	e41800	19400	16600	15400	7550	4120	4420	4050
4	3430	3730	9990	15000	e41700	18600	16000	14500	8160	4230	3030	4990
5	2590	5410	9210	13000	e38300	17800	15600	13900	7930	4440	4100	11500
6	2010	6640	8160	10200	e35600	17100	15100	13500	7930	3110	4450	14900
7	1930	6830	6910	9610	e33900	16300	13900	13400	7000	2420	4220	16000
8	2860	6690	5040	13000	e33500	15600	12300	13400	4390	2020	3860	16900
9	2460	5090	4020	15800	e33500	15700	12000	13700	4020	2210	3220	16200
10	2560	2950	5140	17700	e33000	17400	12900	14800	6120	2430	2390	14300
11	2720	2190	5590	19500	e31400	19100	15500	16100	7110	2900	2140	11600
12	3020	3730	5870	21200	e29000	20600	17200	17500	8510	2730	4090	7850
13	2110	4880	7200	24500	e26400	23500	18800	18400	9780	2110	5060	4590
14	1530	6660	6700	27500	e24400	27300	19300	18800	9410	1710	5050	2930
15	1760	9260	4380	27700	e22800	29600	18500	18700	6490	2040	4650	2270
16	2120	e12900	3760	25400	e21800	28900	17100	17900	4220	2230	4170	2840
17	3580	e13000	5880	22400	e21600	26100	15900	16800	5430	3120	3990	3240
18	3900	e11100	7270	21100	e22000	22900	15600	15700	6910	4090	2800	3020
19	3210	e9400	7580	21800	e23400	20900	16200	14800	7640	3820	2890	3090
20	2650	e7470	7000	23600	e25700	20600	17500	14100	7670	2540	4770	2780
21	5430	e6190	5320	26100	e28800	21700	18800	13400	6550	2010	5640	2180
22	7820	e4760	3160	28700	e32400	24800	20000	12500	4060	3780	4750	1840
23	7760	e6470	3070	31400	e36000	31900	21600	10200	3360	4830	3760	2180
24	5500	e11000	8360	e31300	e35000	41500	24400	e6100	5070	5380	2350	2860
25	4150	11200	13000	e30700	33900	44100	26800	e5800	5880	4880	1740	2760
26	3680	10300	15000	e29900	30000	42700	27900	e5000	6130	4430	3290	2680
27	2700	9750	16400	e29500	26600	39100	27300	e5600	6100	3140	4090	2790
28	4920	8820	17600	e28800	23600	32400	24900	6860	5780	3050	4520	2140
29	8270	6200	18100	e27700	---	26100	21700	8320	3490	7060	5360	1610
30	9520	5520	18000	e27700	---	21500	19900	8870	2450	8620	3910	2550
31	9270	---	17700	e28700	---	19700	---	7280	---	7030	2370	---
TOTAL	123030	220460	263790	699910	855400	764100	555200	406730	186520	114070	123620	170020
MEAN	3969	7349	8509	22580	30550	24650	18510	13120	6217	3680	3988	5667
MAX	9520	13000	18100	31400	41800	44100	27900	18800	9780	8620	6470	16900
MIN	1530	2190	3070	9610	21600	15600	12000	5000	2450	1710	1740	1580
CFSM	.45	.83	.96	2.55	3.45	2.79	2.09	1.48	.70	.42	.45	.64
IN.	.52	.93	1.11	2.94	3.60	3.21	2.33	1.71	.78	.48	.52	.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1998, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MEAN	6521	6886	10390	16690	23230	20130	14280	13300	5862	5576	5144	4327
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	3969	6423	8509	10810	15900	15610	10060	13120	5506	3680	3988	2987
(WY)	1998	1997	1998	1997	1997	1997	1997	1998	1997	1998	1998	1997

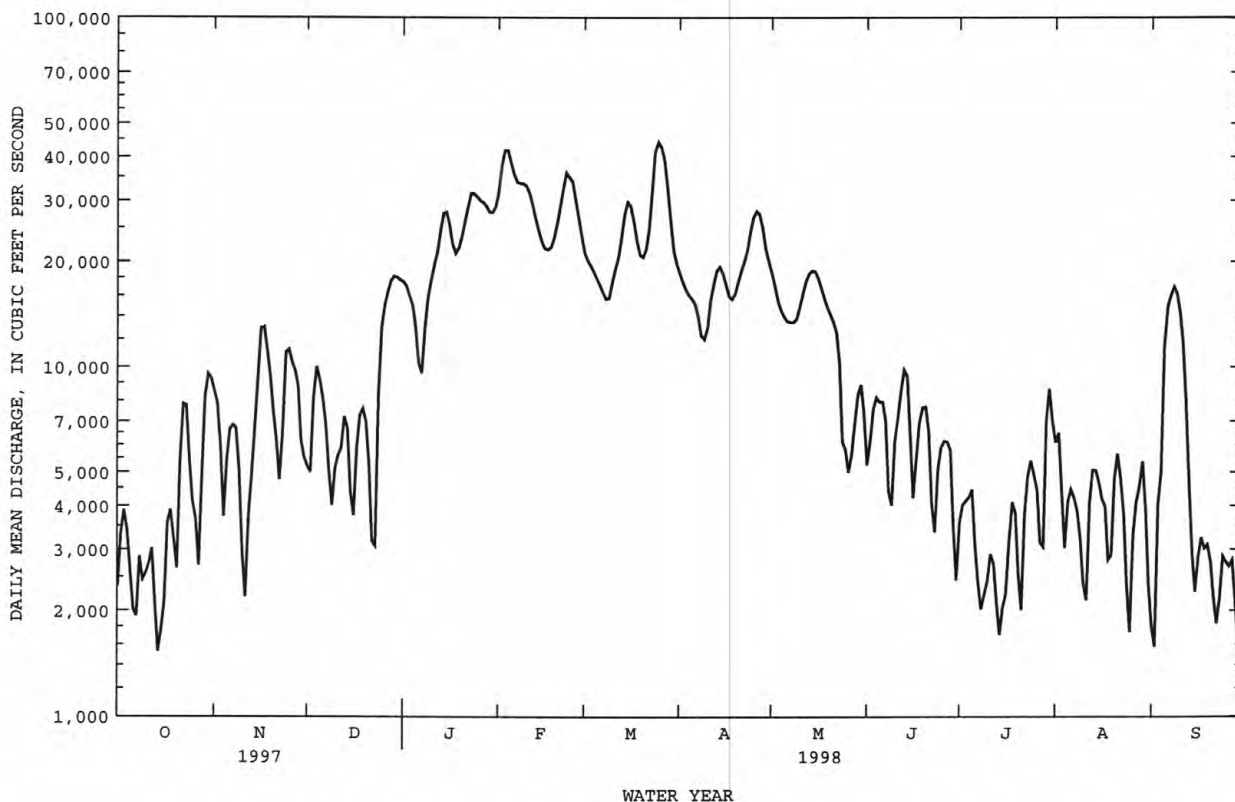
PEE DEE RIVER BASIN

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

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1997 - 1998	
ANNUAL TOTAL	3272850		4482850		10960	
ANNUAL MEAN	8967		12280		12280	1998
HIGHEST ANNUAL MEAN					9643	1997
LOWEST ANNUAL MEAN					44100	Mar 25 1998
HIGHEST DAILY MEAN	35200	May 6	44100	Mar 25	1530	Oct 14 1997
LOWEST DAILY MEAN	1530	Oct 14	1530	Oct 14	2260	Oct 10 1997
ANNUAL SEVEN-DAY MINIMUM	2260	Oct 10	2260	Oct 10	44300	Mar 25 1998
INSTANTANEOUS PEAK FLOW			44300	Mar 25	30.89	Mar 25 1998
INSTANTANEOUS PEAK STAGE			30.89	Mar 25	1480	Oct 14 1997
INSTANTANEOUS LOW FLOW			1480	Oct 14	1.24	
ANNUAL RUNOFF (CFSM)	1.01		1.39		16.83	
ANNUAL RUNOFF (INCHES)	13.76		18.84		22900	
10 PERCENT EXCEEDS	17100		27700		8160	
50 PERCENT EXCEEDS	6890		8160		2770	
90 PERCENT EXCEEDS	2670		2630			

e Estimated



PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, S.C.

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 and Hydrolab water-quality monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

pH: Maximum, 7.7 units, July 14, 1996; minimum, 6.0 units, May 13 - 18, 25, Sept. 8 - 10, 1998.

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

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 20, 1997; minimum, 2.3 mg/L, Oct. 3, 1997.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum, 7.3 units, Nov. 5, Jan. 1 - 4; minimum, 6.0 units, May 13 - 18, 25, Sept. 8 - 10.

WATER TEMPERATURE: Maximum, 32.0°C, June 30, July 1; minimum, 6.0°C, Jan. 2 - 4.

DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Dec. 18, 19; minimum, 2.3 mg/L, Oct. 3.

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.7	6.7	7.0	6.9	6.7	6.7	7.3	7.3	6.5	6.4	6.4	6.3
2	6.8	6.7	7.0	7.0	6.8	6.7	7.3	7.3	6.5	6.3	6.4	6.3
3	6.8	6.7	7.1	7.0	6.8	6.7	7.3	7.2	6.5	6.4	6.4	6.3
4	6.9	6.8	7.2	7.1	6.8	6.4	7.3	7.2	6.4	6.3	6.4	6.3
5	6.9	6.9	7.3	7.0	6.6	6.4	7.2	7.2	6.4	6.3	6.4	6.4
6	6.9	6.6	7.1	7.0	6.6	6.5	7.2	7.2	6.4	6.3	6.5	6.4
7	6.7	6.6	7.2	7.1	6.7	6.6	7.2	7.2	6.4	6.3	6.5	6.3
8	6.8	6.7	7.2	7.1	6.8	6.7	7.2	7.2	6.4	6.4	6.4	6.3
9	6.9	6.7	7.2	7.1	6.8	6.7	7.2	7.0	6.5	6.4	6.4	6.3
10	6.8	6.8	7.2	7.0	6.7	6.6	7.0	6.8	6.5	6.4	6.4	6.3
11	6.8	6.8	7.0	6.9	6.9	6.6	6.9	6.6	6.6	6.5	6.4	6.3
12	6.9	6.8	7.1	6.9	6.9	6.9	7.1	6.8	6.6	6.5	6.4	6.3
13	6.9	6.8	7.1	7.0	7.0	6.9	6.8	6.5	6.6	6.5	6.3	6.3
14	6.9	6.8	7.1	7.0	7.0	6.9	6.8	6.4	6.6	6.5	6.3	6.3
15	6.8	6.7	7.0	7.0	6.9	6.8	6.6	6.3	6.7	6.5	6.3	6.3
16	6.9	6.8	7.0	6.8	6.8	6.7	6.4	6.3	6.7	6.6	6.3	6.3
17	6.9	6.8	7.0	6.8	6.7	6.7	6.4	6.4	6.7	6.6	6.3	6.3
18	6.9	6.8	7.0	6.7	6.9	6.7	6.4	6.3	6.7	6.6	6.4	6.3
19	6.8	6.8	6.7	6.7	7.0	6.9	6.5	6.4	6.6	6.6	6.4	6.4
20	6.8	6.8	6.7	6.7	6.9	6.9	6.5	6.5	6.6	6.5	6.4	6.4
21	6.9	6.8	6.7	6.6	6.9	6.9	6.5	6.3	6.6	6.4	6.4	6.4
22	6.8	6.7	6.7	6.7	6.9	6.7	6.4	6.3	6.4	6.3	6.4	6.3
23	6.8	6.7	6.7	6.7	6.7	6.6	6.4	6.3	6.4	6.3	6.5	6.3
24	6.8	6.8	6.8	6.7	6.6	6.6	6.3	6.3	6.4	6.3	6.5	6.4
25	6.8	6.8	6.8	6.7	6.9	6.6	6.3	6.2	6.4	6.3	6.4	6.4
26	6.9	6.8	6.8	6.7	7.0	6.8	6.2	6.2	6.4	6.2	6.4	6.3
27	6.8	6.8	6.8	6.7	7.0	6.9	6.3	6.2	6.4	6.3	6.3	6.3
28	6.8	6.7	6.8	6.6	7.0	7.0	6.3	6.1	6.4	6.3	6.3	6.3
29	6.8	6.7	6.7	6.6	7.1	7.0	6.2	6.1	---	---	6.4	6.3
30	6.9	6.6	6.7	6.6	7.2	7.1	6.5	6.1	---	---	6.4	6.4
31	6.9	6.9	---	---	7.3	7.2	6.5	6.4	---	---	6.5	6.3
MONTH	6.9	6.6	7.3	6.6	7.3	6.4	7.3	6.1	6.7	6.2	6.5	6.3

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.4	6.3	6.2	6.1	6.6	6.5	7.0	6.9	6.5	6.5	6.8	6.8
2	6.4	6.4	6.3	6.1	6.6	6.5	7.0	7.0	6.6	6.5	6.8	6.8
3	6.4	6.4	6.3	6.2	---	---	7.1	7.0	6.5	6.5	6.9	6.8
4	6.4	6.4	6.3	6.2	---	---	7.0	7.0	6.5	6.4	6.9	6.8
5	6.4	6.4	6.3	6.2	---	---	7.1	7.0	6.5	6.4	6.8	6.7
6	6.4	6.3	6.2	6.1	6.6	6.5	7.1	7.0	6.5	6.4	6.7	6.3
7	6.3	6.3	6.2	6.1	6.6	6.6	7.2	7.1	6.4	6.4	6.3	6.1
8	6.3	6.3	6.1	6.1	6.6	6.5	---	---	6.5	6.3	6.1	6.0
9	6.3	6.3	6.1	6.1	6.5	6.5	---	---	6.5	6.4	6.1	6.0
10	6.4	6.3	6.2	6.1	6.7	6.5	7.1	7.0	6.5	6.4	6.1	6.0
11	6.5	6.4	6.2	6.1	6.6	6.6	7.0	7.0	6.5	6.4	6.1	6.1
12	6.5	6.2	6.2	6.1	6.6	6.6	7.1	6.9	6.5	6.3	6.1	6.1
13	6.2	6.2	6.1	6.0	6.6	6.6	7.0	6.9	6.5	6.5	6.1	6.1
14	6.2	6.1	6.1	6.0	6.6	6.6	7.0	6.8	6.5	6.3	6.2	6.1
15	6.1	6.1	6.1	6.0	6.6	6.4	6.9	6.8	6.5	6.4	6.4	6.2
16	6.2	6.1	6.1	6.0	6.4	6.4	7.0	6.9	6.5	6.5	6.5	6.4
17	6.2	6.1	6.1	6.0	6.5	6.4	7.0	6.9	---	---	6.7	6.5
18	6.2	6.1	6.1	6.0	6.6	6.5	7.0	6.9	---	---	6.8	6.7
19	---	---	6.1	6.1	6.7	6.6	6.9	6.8	---	---	6.8	6.7
20	---	---	6.1	6.1	6.6	6.5	6.9	6.8	---	---	6.8	6.7
21	6.5	6.4	6.2	6.1	6.5	6.5	6.9	6.8	---	---	6.9	6.8
22	6.5	6.4	6.2	6.2	6.5	6.5	7.0	6.9	---	---	6.9	6.8
23	6.4	6.3	6.2	6.2	6.8	6.5	7.0	6.9	---	---	6.9	6.9
24	6.4	6.3	6.2	6.1	6.9	6.8	6.9	6.8	---	---	7.0	6.9
25	6.3	6.3	6.1	6.0	6.8	6.8	6.8	6.8	---	---	7.0	7.0
26	6.3	6.2	6.4	6.1	6.9	6.8	6.8	6.8	6.8	6.7	7.0	7.0
27	6.3	6.2	6.5	6.4	6.9	6.8	6.8	6.8	6.8	6.7	7.0	7.0
28	6.3	6.2	6.5	6.4	7.0	6.8	6.8	6.8	6.8	6.7	7.0	7.0
29	6.2	6.1	6.6	6.5	6.9	6.9	6.8	6.8	6.7	6.7	7.0	6.9
30	6.2	6.1	6.6	6.5	7.0	6.9	6.8	6.6	6.8	6.7	7.0	6.9
31	---	---	6.6	6.6	---	---	6.6	6.5	6.8	6.7	---	---
MONTH	---	---	6.6	6.0	---	---	---	---	---	---	7.0	6.0

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, S.C.--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.0	22.5	16.0	15.5	16.0	11.5	11.0	11.5	7.0	6.5	6.5
2	22.5	21.5	22.0	16.5	16.0	16.0	11.5	11.5	11.5	6.5	6.0	6.0
3	22.0	21.5	22.0	16.5	16.0	16.5	11.5	11.5	11.5	6.5	6.0	6.0
4	22.5	21.5	22.0	16.5	16.0	16.0	12.0	11.5	11.5	6.5	6.0	6.5
5	22.5	21.5	22.0	16.0	15.5	15.5	11.5	11.0	11.5	7.5	6.5	7.0
6	23.0	22.0	22.5	15.5	15.0	15.0	11.0	10.5	11.0	8.5	7.5	8.0
7	23.5	22.5	23.0	15.0	15.0	15.0	10.5	10.0	10.0	10.5	8.5	9.5
8	24.0	23.0	23.5	15.0	14.5	15.0	10.0	8.5	9.0	11.5	10.5	11.0
9	24.0	23.5	23.5	14.5	14.0	14.5	8.5	8.0	8.5	11.5	10.5	10.5
10	24.5	23.5	24.0	14.5	14.0	14.5	8.5	8.0	8.5	12.0	11.0	11.5
11	24.5	24.0	24.0	15.0	14.0	14.5	8.5	8.0	8.0	12.0	11.5	12.0
12	24.5	24.0	24.5	14.5	14.5	14.5	8.5	8.0	8.5	11.5	11.5	11.5
13	24.5	24.0	24.0	14.5	13.5	14.0	9.0	8.5	9.0	11.5	11.5	11.5
14	24.5	23.5	24.0	13.5	13.0	13.5	9.0	8.5	8.5	11.5	11.0	11.5
15	24.0	23.0	23.5	13.5	13.0	13.5	8.5	7.5	8.0	11.0	10.5	10.5
16	23.0	21.0	22.0	13.0	12.5	12.5	8.0	7.5	7.5	10.5	10.0	10.0
17	21.0	20.0	20.5	12.5	12.0	12.0	8.0	7.5	7.5	10.0	9.5	9.5
18	20.5	19.5	20.0	12.0	10.5	11.5	8.0	7.0	7.5	9.5	9.0	9.0
19	19.5	18.5	19.0	10.5	10.0	10.0	7.5	7.0	7.5	9.0	8.5	8.5
20	18.5	18.0	18.0	10.0	9.5	9.5	8.0	7.5	7.5	8.5	8.0	8.0
21	18.5	17.5	18.0	10.0	9.5	9.5	8.0	7.5	7.5	8.0	7.5	8.0
22	18.0	16.5	17.0	10.5	10.0	10.5	8.0	8.0	8.0	8.0	7.5	8.0
23	17.5	16.5	17.0	11.5	10.5	11.0	8.5	8.0	8.5	8.5	8.0	8.5
24	17.0	16.0	16.5	11.5	11.0	11.0	9.0	8.5	8.5	8.5	8.5	8.5
25	17.0	16.5	16.5	11.0	11.0	11.0	9.0	8.5	8.5	8.5	8.0	8.0
26	17.0	16.5	16.5	11.0	10.5	11.0	9.0	8.5	9.0	8.0	7.5	8.0
27	17.0	16.5	17.0	11.0	10.0	10.5	9.0	8.5	8.5	8.0	8.0	8.0
28	17.0	16.5	16.5	10.0	9.5	10.0	9.0	8.5	9.0	8.0	8.0	8.0
29	16.5	16.0	16.0	10.5	10.0	10.0	9.0	8.5	8.5	8.0	8.0	8.0
30	16.5	16.0	16.0	11.0	10.5	10.5	8.5	7.5	8.0	8.5	8.0	8.0
31	16.0	15.5	16.0	---	---	---	7.5	7.0	7.5	8.0	8.0	8.0
MONTH	24.5	15.5	20.3	16.5	9.5	12.8	12.0	7.0	8.9	12.0	6.0	8.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.0	7.5	7.5	12.5	11.5	12.0	17.5	17.0	17.0	18.0	17.5	18.0
2	7.5	7.5	7.5	12.5	12.0	12.5	18.0	17.0	17.5	18.5	18.0	18.0
3	8.0	7.5	7.5	12.5	12.0	12.0	17.5	17.0	17.5	18.5	18.0	18.5
4	8.0	8.0	8.0	12.0	11.5	11.5	17.0	16.5	17.0	19.0	18.5	18.5
5	8.0	8.0	8.0	11.5	11.5	11.5	17.0	16.5	16.5	19.0	18.5	19.0
6	8.0	8.0	8.0	11.5	11.0	11.5	16.5	15.5	16.0	19.5	19.0	19.0
7	8.0	8.0	8.0	11.0	11.0	11.0	16.5	15.5	16.0	20.0	19.5	19.5
8	8.0	7.5	7.5	11.5	11.0	11.0	17.0	16.0	16.5	20.5	19.5	20.0
9	7.5	7.5	7.5	13.0	11.5	12.5	17.5	17.0	17.0	21.0	20.0	20.5
10	7.5	7.5	7.5	13.0	12.5	13.0	17.5	17.5	17.5	20.5	20.5	20.5
11	8.0	7.5	7.5	12.5	11.5	12.0	18.0	17.0	17.5	20.5	20.0	20.5
12	8.5	8.0	8.0	11.5	10.5	11.0	17.5	16.5	16.5	20.0	19.5	20.0
13	8.5	8.5	8.5	10.5	10.0	10.0	16.5	16.5	16.5	20.0	19.5	20.0
14	8.5	8.0	8.5	10.5	10.0	10.0	16.5	16.0	16.0	20.0	19.5	20.0
15	8.5	8.0	8.0	11.0	10.5	10.5	16.5	16.0	16.0	20.5	20.0	20.0
16	8.5	8.0	8.5	11.0	10.5	11.0	17.5	16.5	17.0	21.0	20.0	20.5
17	10.0	8.5	9.5	11.0	10.0	10.5	17.5	17.5	17.5	21.5	21.0	21.0
18	10.5	10.0	10.0	10.5	10.0	10.0	18.0	17.5	18.0	22.5	21.5	22.0
19	10.5	10.0	10.5	11.5	10.5	10.5	---	---	---	23.0	22.0	22.5
20	11.5	10.5	11.0	12.0	11.0	11.5	---	---	---	23.5	23.0	23.0
21	11.5	11.0	11.5	12.0	11.5	11.5	18.0	17.5	18.0	24.5	23.5	24.0
22	11.5	11.0	11.0	12.0	11.0	11.5	18.0	17.5	17.5	24.5	24.0	24.0
23	11.5	11.0	11.0	12.0	11.5	11.5	17.5	17.0	17.5	24.5	24.0	24.5
24	11.0	11.0	11.0	12.0	12.0	12.0	17.0	16.5	16.5	24.5	24.0	24.5
25	11.5	11.0	11.0	12.0	11.5	12.0	17.0	16.5	17.0	25.5	24.5	25.0
26	11.5	11.0	11.0	12.5	12.0	12.0	17.5	17.0	17.0	26.0	25.0	25.5
27	11.5	11.0	11.0	13.5	12.0	13.0	17.5	17.0	17.5	27.0	25.5	26.5
28	12.0	11.5	11.5	14.5	13.5	13.5	17.5	17.5	17.5	27.0	26.0	26.5
29	---	---	---	15.0	14.0	14.5	17.5	17.0	17.5	26.5	26.0	26.5
30	---	---	---	16.0	15.0	15.5	17.5	17.5	17.5	26.5	25.5	26.0
31	---	---	---	17.0	16.0	16.5	---	---	---	26.5	26.0	26.0
MONTH	12.0	7.5	9.1	17.0	10.0	11.9	---	---	---	27.0	17.5	21.9

PEE DEE RIVER BASIN												
02131221 PEE DEE RIVER AT POSTON, S.C.--Continued												
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY				AUGUST			SEPTEMBER	
1	27.0	26.0	26.5	32.0	30.5	31.5	29.5	28.5	29.0	30.0	29.0	29.5
2	27.5	26.5	27.0	31.5	30.5	31.0	29.0	28.5	29.0	30.0	29.0	29.5
3	---	---	---	31.5	30.5	31.0	28.5	28.0	28.0	29.0	27.5	28.5
4	---	---	---	31.0	30.5	31.0	28.5	27.5	28.0	27.5	27.0	27.0
5	---	---	---	30.5	30.0	30.5	28.5	27.5	28.0	27.0	26.5	27.0
6	27.5	27.0	27.0	31.0	30.0	30.5	28.0	27.5	27.5	26.5	25.0	26.0
7	27.0	26.0	26.5	31.0	30.0	30.5	28.5	27.5	28.0	25.0	23.5	24.0
8	26.0	25.0	25.5	---	---	---	28.5	28.0	28.5	24.5	24.0	24.5
9	25.5	24.5	25.0	---	---	---	29.0	28.0	28.5	24.5	24.0	24.0
10	25.0	24.5	24.5	31.5	30.5	31.0	29.0	28.5	29.0	24.0	23.5	23.5
11	25.0	24.0	24.5	31.5	30.5	31.0	30.0	28.5	29.0	23.5	23.0	23.5
12	26.0	24.5	25.0	31.0	30.0	30.5	29.5	29.0	29.0	23.0	23.0	23.0
13	26.0	25.0	25.5	30.0	29.5	30.0	29.5	29.0	29.5	24.0	23.0	23.5
14	26.5	25.5	26.0	30.0	29.0	29.5	29.5	28.5	29.0	24.5	23.5	24.0
15	27.0	26.0	26.5	30.0	29.5	29.5	29.0	28.5	28.5	25.5	24.5	25.0
16	27.5	26.5	27.0	29.5	29.0	29.0	29.5	28.5	29.0	26.5	25.0	26.0
17	28.5	27.5	28.0	29.5	29.0	29.0	---	---	---	26.5	26.0	26.5
18	29.0	27.5	28.5	30.0	29.0	29.5	---	---	---	27.0	26.5	27.0
19	29.0	28.0	28.5	30.0	29.0	29.5	---	---	---	27.5	27.0	27.5
20	28.5	27.5	28.0	30.5	29.5	30.0	---	---	---	27.5	27.0	27.0
21	28.5	27.5	28.0	31.0	30.0	30.5	---	---	---	27.0	26.5	27.0
22	29.0	28.0	28.5	31.5	30.5	31.0	---	---	---	27.5	26.5	27.0
23	29.5	28.5	29.0	31.5	30.5	31.0	---	---	---	27.5	26.5	27.0
24	30.0	29.0	29.5	31.5	30.5	31.0	---	---	---	26.5	26.0	26.0
25	30.5	29.5	30.0	31.0	30.5	31.0	---	---	---	26.0	25.0	25.5
26	31.0	30.5	30.5	31.0	30.5	30.5	29.0	27.0	28.0	26.0	25.0	25.5
27	31.0	30.0	30.5	30.5	29.5	30.5	28.0	27.0	27.5	26.5	25.0	26.0
28	31.5	30.5	31.0	30.0	29.5	29.5	29.0	28.0	28.5	26.5	26.0	26.0
29	31.5	31.0	31.0	30.5	29.5	30.0	29.5	28.5	29.0	26.0	26.0	26.0
30	32.0	31.0	31.5	30.0	29.0	29.5	30.0	29.0	29.5	26.0	25.5	26.0
31	---	---	---	30.0	29.0	29.5	30.0	29.5	29.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	30.0	23.0	26.0

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, S.C.--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.2	4.3	4.7	---	---	---	---	---	---	---	---	---
2	4.4	3.4	4.1	---	---	---	---	---	---	---	---	---
3	3.4	2.3	3.0	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	8.5	7.9	8.1	---	---	---	---	---	---
7	---	---	---	8.4	8.3	8.3	---	---	---	---	---	---
8	---	---	---	8.6	8.3	8.4	---	---	---	---	---	---
9	---	---	---	8.5	8.3	8.4	---	---	---	---	---	---
10	6.5	6.3	6.4	8.3	7.8	8.1	---	---	---	10.0	8.6	9.3
11	6.5	6.4	6.4	7.8	7.1	7.5	---	---	---	8.9	8.6	8.8
12	6.7	6.4	6.6	7.8	7.0	7.3	10.7	10.2	10.4	8.8	8.3	8.5
13	6.6	6.2	6.4	8.1	7.8	8.0	10.2	9.9	10.1	8.5	8.1	8.4
14	6.4	5.8	6.0	8.4	8.0	8.2	10.3	10.0	10.1	8.1	7.3	7.8
15	6.0	5.6	5.8	8.4	8.0	8.2	10.2	10.1	10.2	8.2	7.2	7.7
16	6.3	5.7	6.1	8.5	8.0	8.3	10.2	10.1	10.1	8.4	8.2	8.3
17	6.8	6.1	6.5	8.7	8.4	8.5	10.2	10.0	10.1	8.6	8.4	8.5
18	6.6	6.1	6.5	8.7	8.1	8.4	11.0	10.2	10.7	9.1	8.6	8.9
19	---	---	---	8.3	8.1	8.2	11.0	10.6	10.8	9.9	9.1	9.6
20	---	---	---	8.6	8.0	8.3	10.7	10.6	10.6	10.0	9.8	9.9
21	---	---	---	8.3	7.8	8.1	10.6	10.5	10.6	10.1	10.0	10.0
22	---	---	---	8.3	7.4	7.9	10.5	10.1	10.3	10.1	9.8	10.0
23	---	---	---	8.1	7.1	7.7	10.1	9.7	9.9	10.0	9.7	9.9
24	---	---	---	7.8	7.1	7.4	9.7	9.4	9.6	9.7	9.4	9.6
25	---	---	---	7.5	6.6	7.1	---	---	---	9.5	9.4	9.5
26	---	---	---	6.9	6.4	6.6	---	---	---	9.6	9.4	9.5
27	---	---	---	6.9	6.3	6.6	---	---	---	9.6	9.4	9.5
28	---	---	---	---	---	---	---	---	---	9.6	9.3	9.4
29	---	---	---	---	---	---	---	---	---	9.4	9.2	9.3
30	---	---	---	---	---	---	---	---	---	9.3	9.1	9.2
31	7.2	6.0	6.5	---	---	---	---	---	---	9.4	9.2	9.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	9.4	9.4	8.2	7.8	8.1	7.2	6.9	7.0	7.5	7.3	7.4
2	9.5	9.4	9.4	7.8	7.6	7.7	7.1	6.8	6.9	7.4	7.2	7.3
3	9.4	9.2	9.3	8.0	7.5	7.7	6.8	6.7	6.8	7.3	7.0	7.2
4	9.3	8.9	9.2	8.1	7.8	8.0	6.7	6.6	6.7	7.2	7.0	7.1
5	9.0	8.8	8.9	8.2	7.9	8.1	6.8	6.6	6.7	7.2	7.0	7.1
6	8.9	8.9	8.9	8.3	8.0	8.2	7.0	6.8	6.9	7.4	7.2	7.3
7	9.0	8.9	8.9	8.4	8.1	8.2	7.0	6.9	7.0	7.7	7.4	7.5
8	9.1	8.9	9.0	8.4	8.1	8.3	7.0	6.7	6.9	7.7	7.5	7.6
9	9.2	9.1	9.2	8.4	7.7	8.1	6.8	6.6	6.7	7.6	7.4	7.4
10	9.3	9.2	9.3	8.3	8.1	8.2	6.8	6.6	6.8	7.6	7.4	7.5
11	9.3	9.2	9.3	8.6	8.1	8.4	7.5	6.8	7.1	7.7	7.5	7.6
12	9.2	9.1	9.1	8.7	8.6	8.6	7.7	7.1	7.4	7.8	7.5	7.7
13	9.1	9.0	9.1	8.6	8.5	8.6	7.1	6.8	7.0	7.5	6.9	7.2
14	9.1	8.9	9.0	8.6	8.5	8.6	6.8	6.5	6.6	6.9	6.9	6.9
15	9.1	9.0	9.1	8.7	8.6	8.6	6.5	6.4	6.5	6.9	6.8	6.8
16	9.3	9.1	9.2	8.6	8.5	8.6	6.6	6.4	6.5	6.8	6.6	6.7
17	9.2	8.9	9.1	8.6	8.5	8.5	6.6	6.5	6.6	6.6	6.4	6.5
18	8.9	8.6	8.7	8.6	8.6	8.6	6.7	6.6	6.7	6.4	6.1	6.2
19	8.6	8.5	8.5	8.7	8.5	8.6	---	---	---	6.1	5.9	6.0
20	8.5	8.3	8.4	8.5	8.3	8.4	---	---	---	6.0	5.9	5.9
21	8.3	8.1	8.2	8.5	8.3	8.4	7.4	7.2	7.3	5.9	5.8	5.8
22	8.2	7.9	8.0	8.4	8.1	8.3	7.4	7.3	7.3	5.8	5.6	5.7
23	8.2	7.8	8.0	8.1	8.0	8.1	7.4	7.1	7.3	5.6	5.2	5.5
24	7.9	7.8	7.8	8.0	7.8	7.8	7.6	7.2	7.5	5.2	4.0	4.5
25	8.0	7.8	7.9	7.8	7.7	7.8	7.6	7.6	7.6	4.5	3.9	4.2
26	8.1	8.0	8.0	7.9	7.6	7.7	7.7	7.6	7.6	4.9	4.5	4.7
27	8.2	8.1	8.2	7.7	7.6	7.6	7.6	7.4	7.5	5.3	4.6	4.8
28	8.3	8.1	8.2	7.7	7.5	7.6	7.6	7.5	7.5	5.4	5.2	5.3
29	---	---	---	7.7	7.4	7.5	7.6	7.5	7.6	5.6	5.4	5.5
30	---	---	---	7.5	7.2	7.4	7.6	7.4	7.5	5.9	5.6	5.7
31	---	---	---	7.5	7.2	7.2	---	---	---	5.9	5.6	5.8
MONTH	9.5	7.8	8.8	8.7	7.2	8.1	---	---	---	7.8	3.9	6.4

PEE DEE RIVER BASIN

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02131221 PEE DEE RIVER AT POSTON, S.C.---Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.6	5.4	5.5	5.0	4.5	4.7	5.6	5.4	5.5	5.6	5.3	5.4
2	5.5	5.4	5.5	5.3	4.9	5.1	5.7	5.6	5.6	5.3	5.0	5.1
3	---	---	---	5.4	4.8	5.1	5.7	5.4	5.5	5.6	4.9	5.2
4	---	---	---	5.3	4.8	5.1	5.7	5.4	5.5	5.5	5.2	5.4
5	---	---	---	5.2	4.8	5.1	5.9	5.4	5.7	5.6	5.3	5.5
6	5.3	5.2	5.2	5.8	5.2	5.5	5.8	5.6	5.7	5.3	4.8	5.2
7	5.6	5.3	5.5	---	---	---	6.0	5.7	5.8	5.2	4.6	4.9
8	5.6	5.4	5.5	---	---	---	6.4	5.9	6.1	4.6	4.0	4.3
9	5.8	5.6	5.7	---	---	---	6.0	5.8	5.9	4.0	3.6	3.8
10	5.8	5.5	5.7	6.7	5.8	6.2	6.0	5.8	5.9	3.7	3.6	3.6
11	6.1	5.5	5.8	6.5	5.9	6.2	6.3	5.8	6.0	3.7	3.6	3.7
12	6.1	6.0	6.1	6.5	5.6	6.0	6.4	5.7	6.0	3.7	3.5	3.6
13	6.1	5.8	5.9	6.0	5.3	5.6	6.4	5.5	6.0	3.5	3.4	3.5
14	5.8	5.7	5.8	5.6	5.1	5.3	5.7	5.4	5.5	3.7	3.5	3.6
15	5.8	5.4	5.6	5.1	4.7	4.9	5.5	5.4	5.5	3.9	3.6	3.8
16	5.4	5.3	5.3	5.6	4.7	5.2	5.5	5.3	5.5	4.1	3.8	4.0
17	5.3	5.2	5.2	5.7	5.3	5.5	---	---	---	4.4	4.1	4.3
18	5.5	5.1	5.2	5.8	5.2	5.5	---	---	---	4.5	4.3	4.4
19	5.7	5.5	5.6	5.5	5.2	5.3	---	---	---	4.6	4.3	4.5
20	5.8	5.7	5.7	5.3	4.8	5.1	---	---	---	4.8	4.5	4.7
21	5.8	5.6	5.7	4.9	4.7	4.8	---	---	---	5.0	4.7	4.9
22	5.8	5.6	5.6	5.3	4.7	4.9	---	---	---	5.0	4.6	4.8
23	5.6	5.3	5.5	5.6	5.2	5.3	---	---	---	4.8	4.6	4.7
24	5.7	5.3	5.4	5.5	5.1	5.3	---	---	---	5.3	4.8	5.1
25	5.6	5.0	5.2	5.5	5.3	5.4	---	---	---	5.6	5.3	5.5
26	5.4	5.2	5.4	5.6	5.4	5.5	5.9	5.3	5.5	5.6	5.4	5.5
27	5.7	5.3	5.5	5.6	5.4	5.5	5.9	5.5	5.8	5.6	5.4	5.5
28	5.7	5.4	5.5	5.4	5.1	5.3	5.7	5.4	5.5	5.6	5.4	5.5
29	5.5	5.0	5.2	5.6	5.3	5.4	5.5	5.2	5.4	5.5	5.0	5.3
30	5.0	4.7	4.9	5.3	4.9	5.1	5.4	5.2	5.3	5.2	4.8	4.9
31	---	---	---	5.5	5.1	5.3	5.5	5.3	5.4	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	5.6	3.4	4.7

PEE DEE RIVER BASIN

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 mi².

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.--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	3.2	6.2	27	20	39	38	39	27	18	2.7	3.6	e2.8
2	3.9	8.9	22	18	37	34	37	22	11	2.7	3.5	2.7
3	3.9	6.9	16	17	74	31	34	20	9.1	2.5	3.4	42
4	2.6	5.4	14	16	164	29	62	20	8.9	2.5	3.2	50
5	1.6	5.8	12	15	120	29	38	18	20	2.5	3.2	25
6	1.5	6.1	9.9	81	63	31	31	15	30	3.0	3.1	13
7	1.5	6.0	9.1	156	50	34	28	15	18	4.9	3.1	8.3
8	1.6	4.9	9.3	199	45	126	27	17	11	5.8	3.1	7.3
9	1.4	4.2	12	71	41	181	172	17	7.5	5.5	3.1	6.5
10	1.5	4.4	13	50	39	61	63	15	13	4.3	4.9	6.1
11	1.5	4.0	14	44	41	44	42	17	22	2.9	8.6	e5.9
12	1.4	4.3	14	39	42	39	35	15	14	2.8	4.0	e5.6
13	1.6	27	12	37	36	37	32	15	9.3	3.2	6.3	e5.3
14	1.6	80	11	35	33	34	32	14	6.5	2.4	6.3	e5.0
15	2.2	29	9.9	39	31	31	33	13	5.7	2.3	3.8	e4.7
16	2.0	17	8.5	79	43	29	28	12	6.7	3.3	3.8	e4.4
17	2.0	14	8.5	70	266	29	89	10	6.8	8.5	5.8	e4.1
18	3.2	12	8.8	46	74	263	67	8.3	6.5	4.0	3.8	e3.9
19	11	11	8.1	110	52	371	52	7.1	5.4	2.5	3.3	e3.6
20	4.8	10	8.0	74	45	88	48	6.1	4.6	4.0	3.6	e3.3
21	3.2	10	8.0	51	40	60	36	5.9	3.4	4.0	3.7	e3.0
22	2.9	18	25	44	38	49	34	5.8	3.2	3.2	2.6	e2.7
23	2.6	15	28	99	61	42	32	5.9	3.0	3.4	3.0	e2.4
24	2.8	11	68	69	51	41	29	5.7	2.9	4.6	3.3	1.8
25	2.4	8.9	64	49	40	38	26	5.5	2.8	5.1	2.6	1.5
26	31	8.1	33	42	36	34	24	4.9	2.8	3.7	e2.6	1.4
27	8.7	8.1	45	231	41	34	22	4.5	2.8	12	e2.6	1.4
28	4.3	7.9	38	138	44	34	21	6.7	2.8	4.7	e2.7	1.2
29	3.4	8.0	34	65	---	32	20	5.3	2.6	4.1	e2.7	1.3
30	3.0	20	32	52	---	30	21	49	2.7	4.7	e2.8	6.8
31	3.1	---	24	44	---	29	---	36	---	3.9	e2.8	---
TOTAL	121.4	382.1	646.1	2100	1686	1982	1254	438.7	263.0	125.7	114.9	233.0
MEAN	3.92	12.7	20.8	67.7	60.2	63.9	41.8	14.2	8.77	4.05	3.71	7.77
MAX	31	80	68	231	266	371	172	49	30	12	8.6	50
MIN	1.4	4.0	8.0	15	31	29	20	4.5	2.6	2.3	2.6	1.2
CFM	.26	.85	1.39	4.52	4.01	4.26	2.79	.94	.58	.27	.25	.52
IN.	.30	.95	1.60	5.21	4.18	4.92	3.11	1.09	.65	.31	.28	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1998, BY WATER YEAR (WY)

MEAN	23.1	15.8	17.1	30.9	30.2	36.1	24.8	13.7	9.45	8.56	7.37	6.03
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	17.7	8.55	5.53	1.75	.93	1.62	1.96
(WY)	1994	1994	1994	1992	1992	1992	1995	1994	1996	1996	1993	1997

PEE DEE RIVER BASIN

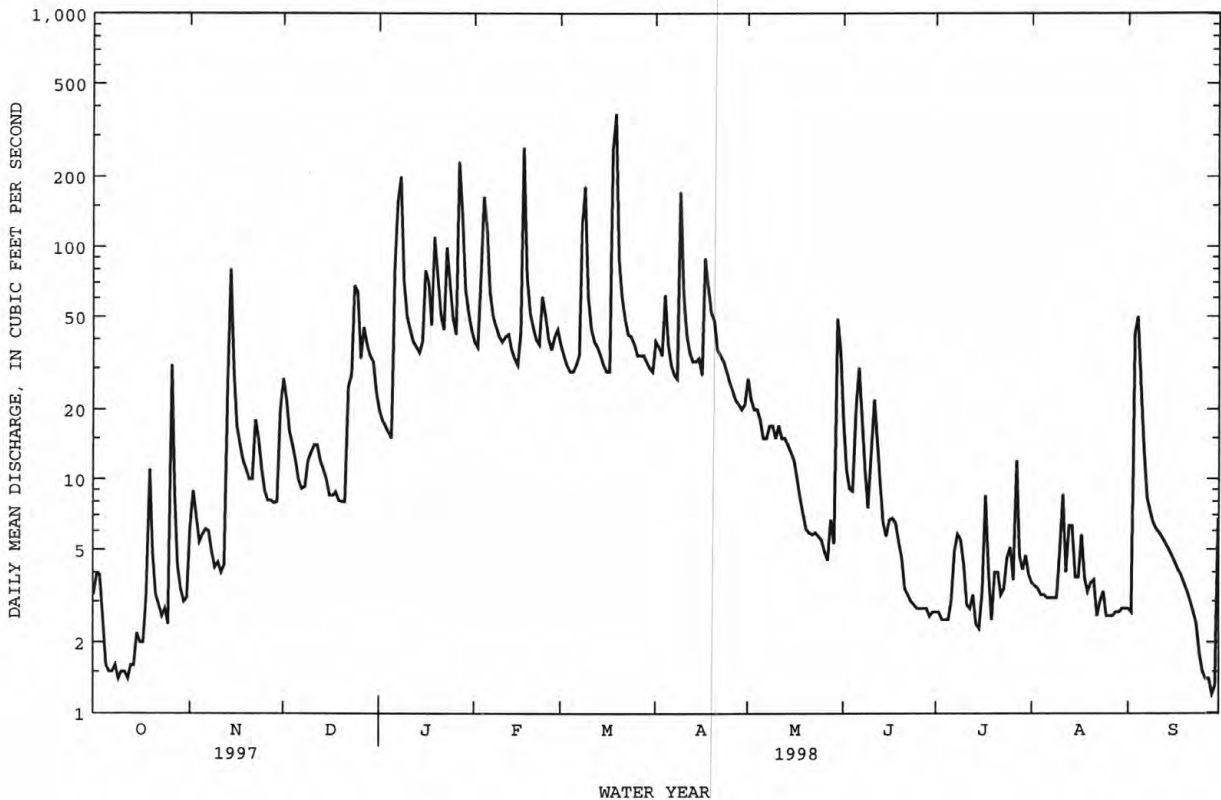
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02131320 LITTLE FORK CREEK AT JEFFERSON, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1991 - 1998	
ANNUAL TOTAL	5002.72		9346.9		18.6	
ANNUAL MEAN	13.7		25.6		33.6	
HIGHEST ANNUAL MEAN					10.7	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	251	Jul 24	371	Mar 19	1400	Oct 11 1990
LOWEST DAILY MEAN	.88	Jul 22	1.2	Sep 28	.56	Jul 20 1996
ANNUAL SEVEN-DAY MINIMUM	.95	Jul 16	1.5	Oct 6	.68	Jul 30 1993
INSTANTANEOUS PEAK FLOW			676	Feb 17	* 2440	Oct 11 1990
INSTANTANEOUS PEAK STAGE			6.93	Feb 17	12.83	Oct 11 1990
ANNUAL RUNOFF (CFSM)	.91		1.71		1.24	
ANNUAL RUNOFF (INCHES)	12.41		23.18		16.81	
10 PERCENT EXCEEDS	31		52		36	
50 PERCENT EXCEEDS	8.5		11		12	
90 PERCENT EXCEEDS	1.5		2.7		2.2	

e Estimated

* From rating curve extended above 1,200 ft³/s.



PEE DEE RIVER BASIN

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 mi².

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.--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	4.7	23	43	32	55	59	76	48	e23	8.3	10	3.1
2	4.0	26	31	30	51	53	61	42	e22	7.0	5.6	3.1
3	3.6	20	25	28	123	48	65	39	e22	6.3	4.6	60
4	3.5	15	24	27	371	46	100	40	e20	5.7	4.1	184
5	3.2	14	21	26	384	45	65	38	e19	5.7	3.8	39
6	2.8	13	19	316	118	44	57	38	e18	5.5	3.6	17
7	2.9	13	17	255	86	50	53	38	e17	5.1	3.6	12
8	2.9	13	16	188	70	264	52	38	e16	4.9	12	12
9	2.8	12	21	106	61	449	356	36	e15	5.0	13	13
10	3.1	12	21	69	56	129	121	40	e14	5.0	10	8.5
11	3.4	11	20	56	56	85	73	38	e13	5.1	8.4	7.2
12	3.2	12	21	50	58	71	59	36	12	4.9	6.9	7.1
13	3.0	66	18	47	51	64	55	35	11	4.7	6.8	6.8
14	3.0	163	16	43	48	60	61	34	10	4.6	8.0	6.2
15	3.5	63	15	48	45	57	58	31	10	4.4	7.3	5.9
16	8.0	38	15	128	62	54	53	31	11	4.6	12	5.7
17	5.1	29	14	119	349	53	135	30	9.6	5.4	19	5.5
18	6.4	25	14	69	121	321	118	30	8.8	6.6	8.8	5.3
19	48	23	14	173	78	698	96	30	12	5.0	6.3	5.1
20	19	21	13	118	65	173	76	e29	13	7.1	5.3	5.2
21	10	23	13	71	56	102	60	e29	9.8	6.4	4.6	8.4
22	9.5	35	43	59	54	79	55	e28	8.7	5.1	4.3	20
23	7.5	27	41	141	89	68	56	e28	8.4	4.5	4.0	12
24	5.9	22	109	102	70	64	53	e27	8.1	4.1	3.8	8.1
25	6.2	19	131	69	57	59	51	e27	7.2	3.9	3.7	6.6
26	99	18	60	57	52	57	50	e26	7.0	4.1	3.5	6.1
27	90	18	73	419	62	55	49	e26	6.5	4.1	3.5	5.6
28	31	17	62	273	68	54	49	e25	6.2	4.3	3.2	5.5
29	20	17	52	102	---	54	48	e24	13	5.3	3.1	5.6
30	16	43	48	75	---	53	48	e24	17	7.9	3.0	20
31	14	---	38	63	---	52	---	e23	---	9.3	3.0	---
TOTAL	445.2	851	1068	3359	2816	3520	2309	1008	388.3	169.9	198.8	509.6
MEAN	14.4	28.4	34.5	108	101	114	77.0	32.5	12.9	5.48	6.41	17.0
MAX	99	163	131	419	384	698	356	48	23	9.3	19	184
MIN	2.8	11	13	26	45	44	48	23	6.2	3.9	3.0	3.1
CFSM	.60	1.19	1.44	4.53	4.21	4.75	3.22	1.36	.54	.23	.27	.71
IN.	.69	1.32	1.66	5.23	4.38	5.48	3.59	1.57	.60	.26	.31	.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1998, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	20.3	21.4	29.5	43.4	48.6	53.0	36.1	20.8	12.8	12.2	17.5	12.6
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	1994	1994	1989	1991	1989
MIN	1.70	2.84	6.22	8.75	18.1	13.2	8.30	5.09	.99	.27	2.28	1.94
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1993	1981

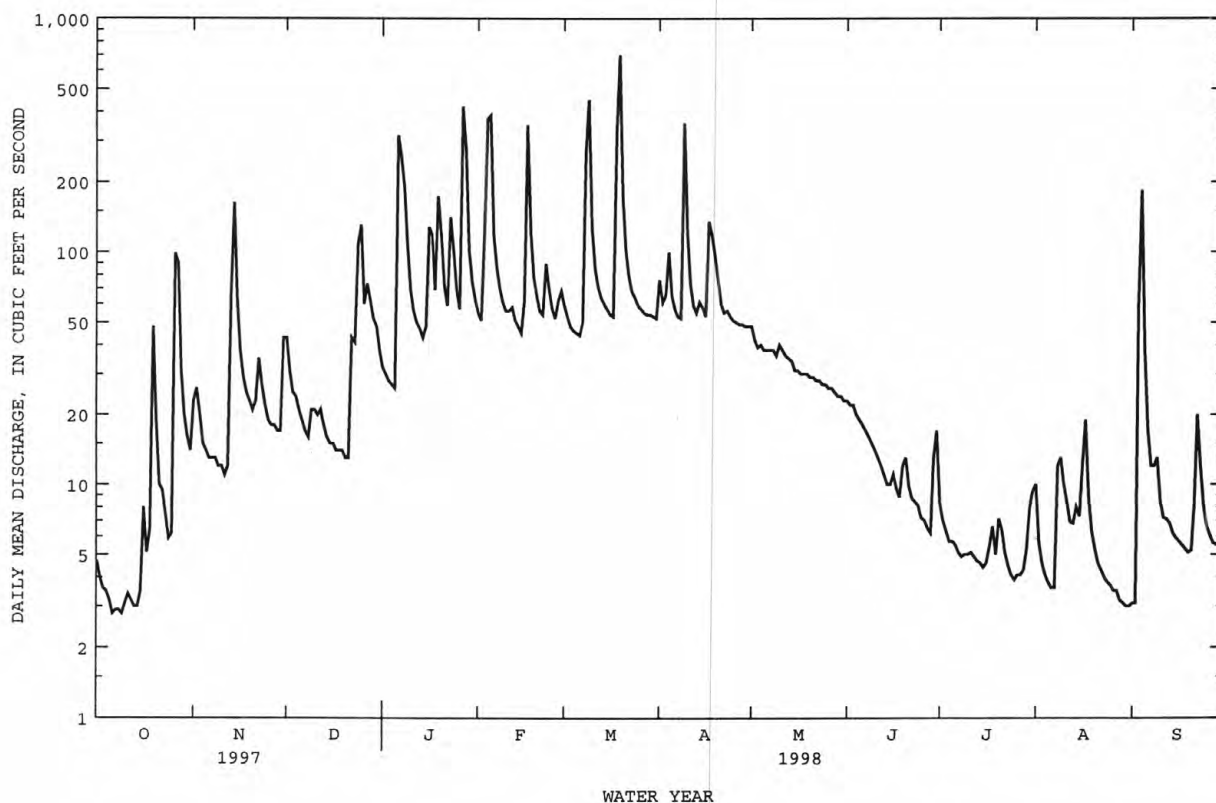
PEE DEE RIVER BASIN

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02131472 HANGING ROCK CREEK NEAR KERSHAW, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1981 - 1998	
ANNUAL TOTAL	9478.4		16642.8		27.3	
ANNUAL MEAN	26.0		45.6		46.6	
HIGHEST ANNUAL MEAN					10.2	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	584	Jul 24	698	Mar 19	1080	Oct 11 1990
LOWEST DAILY MEAN	2.0	Sep 23	*** 2.8	Oct 6	* .13	Jul 10 1986
ANNUAL SEVEN-DAY MINIMUM	2.7	Sep 17	3.0	Oct 5	.19	Jul 29 1986
INSTANTANEOUS PEAK FLOW			1090	Mar 19	** 3760	Oct 10 1990
INSTANTANEOUS PEAK STAGE			8.55	Mar 19	10.69	Oct 10 1990
ANNUAL RUNOFF (CFSM)	1.09		1.91		1.14	
ANNUAL RUNOFF (INCHES)	14.75		25.90		15.50	
10 PERCENT EXCEEDS	51		97		53	
50 PERCENT EXCEEDS	16		23		15	
90 PERCENT EXCEEDS	3.8		4.5		2.9	

e Estimated
 * Also occurred on July 21, 20, 1986.
 ** From rating curve extended above 1,500 ft³/s.
 *** Also occurred on Oct. 9.



PEE DEE RIVER BASIN

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 mi², 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.--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	609	965	906	3370	4960	3540	2270	1600	538	357	700	296
2	618	1100	928	3670	5180	3580	2060	1500	534	347	770	302
3	629	1210	983	3550	6180	3680	1890	1380	567	353	652	310
4	566	1250	1080	3170	6390	3460	2120	1380	655	379	652	530
5	447	1040	1210	2770	6550	3050	2210	1460	769	419	692	647
6	380	833	1330	2460	6630	2690	2260	1420	868	395	624	694
7	346	790	1410	2280	6390	2490	2270	1370	804	337	471	779
8	328	738	1450	2290	5760	2510	2230	1360	672	322	422	940
9	315	652	1420	2260	5290	3850	2430	1350	669	311	381	1010
10	304	594	1220	2180	6180	4500	2680	1290	785	326	352	1060
11	289	566	1020	2250	6840	4330	2740	1210	991	324	402	1190
12	277	550	991	2740	6030	4100	2720	1130	1100	306	477	1860
13	271	591	1040	5340	5100	3940	2610	1060	931	296	537	2230
14	267	695	1090	7000	4330	4430	2440	1020	716	283	583	1760
15	267	739	1120	6540	3670	5950	2510	1000	689	276	632	972
16	270	785	1140	5630	3190	5860	3570	997	684	278	743	572
17	285	877	1100	4940	4030	4990	3990	957	593	276	750	473
18	360	984	1020	4400	4640	4260	3850	860	499	321	694	433
19	446	1110	940	4030	5160	4310	3590	773	467	348	632	415
20	483	1250	866	3770	5170	4320	3280	720	522	328	650	405
21	492	1370	816	3450	4690	4460	2950	680	451	341	710	395
22	545	1560	858	3250	4240	4530	2770	639	409	345	707	389
23	635	1820	1110	3600	5200	4400	2670	606	475	352	568	396
24	740	1880	1310	4510	6160	6320	3050	580	499	398	442	396
25	785	1510	1920	4930	5760	8500	3510	555	465	447	382	390
26	705	1100	2190	5280	5050	7730	3320	524	407	420	343	422
27	682	1010	2500	5380	4340	5850	2840	503	374	382	326	429
28	630	1040	2840	5420	3780	4570	2400	511	351	480	316	399
29	623	1000	2990	5350	---	3640	2040	544	343	508	306	376
30	717	908	3110	5450	---	2950	1750	547	369	501	299	364
31	838	---	3130	5360	---	2530	---	539	---	551	296	---
TOTAL	15149	30517	45038	126620	146890	135320	81020	30065	18196	11307	16511	20834
MEAN	489	1017	1453	4085	5246	4365	2701	970	607	365	533	694
MAX	838	1880	3130	7000	6840	8500	3990	1600	1100	551	770	2230
MIN	267	550	816	2180	3190	2490	1750	503	343	276	296	296
CFSM	.47	.99	1.41	3.97	5.09	4.24	2.62	.94	.59	.35	.52	.67
IN.	.55	1.10	1.63	4.57	5.31	4.89	2.93	1.09	.66	.41	.60	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1998, BY WATER YEAR (WY)

	701	704	1063	1554	1790	1976	1543	801	600	651	704	683
MEAN	701	704	1063	1554	1790	1976	1543	801	600	651	704	683
MAX	3932	2347	3808	4464	5246	4874	4930	2180	1934	2331	2181	6327
(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

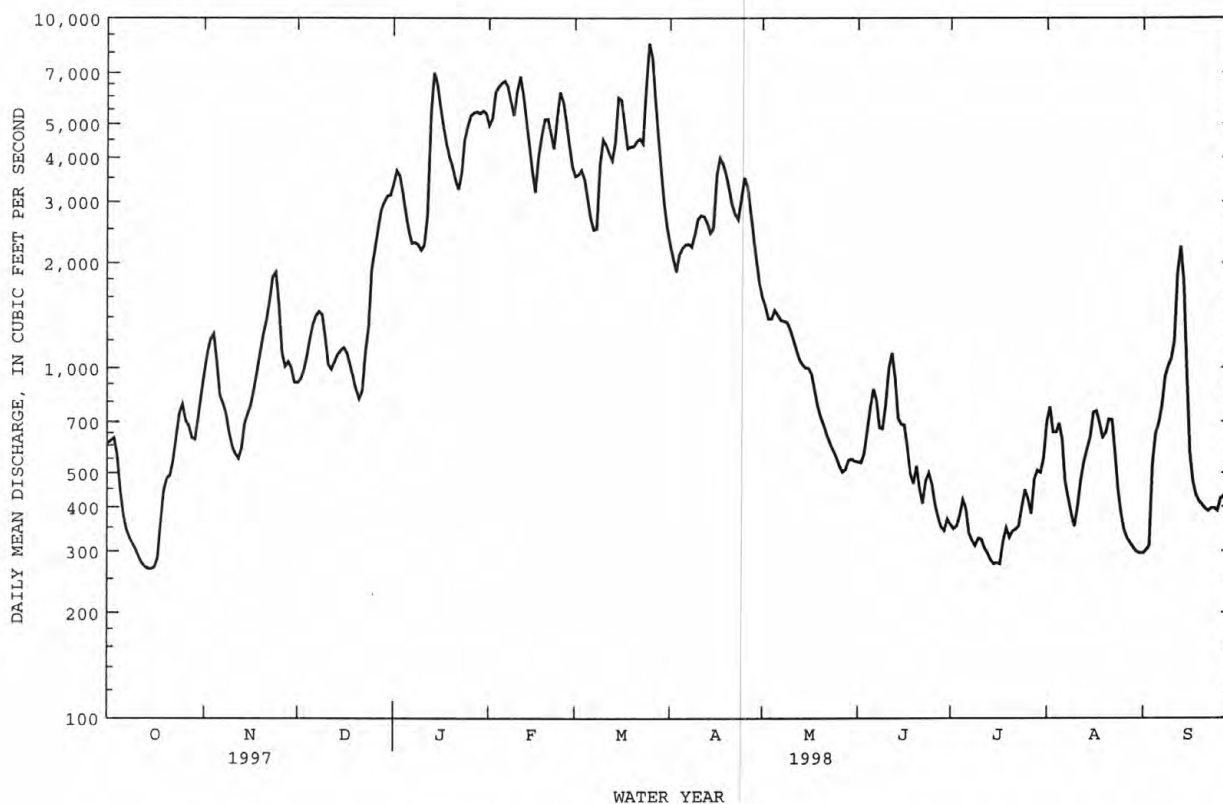
PEE DEE RIVER BASIN

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02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	365138		677467		1061	
ANNUAL MEAN	1000		1856		1856	
HIGHEST ANNUAL MEAN					451	
LOWEST ANNUAL MEAN					24500	
HIGHEST DAILY MEAN	4670	Feb 23	8500	Mar 25	24500	Sep 22 1945
LOWEST DAILY MEAN	219	Sep 13	267	* Oct 14	95	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	225	Sep 8	275	Oct 11	97	Oct 7 1954
INSTANTANEOUS PEAK FLOW			8670	Mar 25	25000	Sep 22 1945
INSTANTANEOUS PEAK STAGE			16.76	Mar 25	21.21	Sep 22 1945
INSTANTANEOUS LOW FLOW			266	Oct 14	94	Oct 10 1954
ANNUAL RUNOFF (CFSM)	.97		1.80		1.03	
ANNUAL RUNOFF (INCHES)	13.19		24.47		13.99	
10 PERCENT EXCEEDS	1910		4950		2280	
50 PERCENT EXCEEDS	790		991		699	
90 PERCENT EXCEEDS	273		347		265	

* Also occurred on Oct. 15.



PEE DEE RIVER BASIN

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 mi², 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1110	1290	2320	6600	13500	10400	8080	5510	3500	635	666	759
2	1050	1430	2530	6530	13100	9800	7410	5210	4260	590	660	923
3	967	1580	2740	6410	12700	9120	6790	4920	4490	559	655	1200
4	885	1730	2870	6220	13700	8410	6410	4760	4160	536	665	1620
5	830	1860	2930	6030	16000	7730	5920	4570	3660	517	679	1890
6	790	1910	2980	5890	19400	7130	5520	4390	3140	498	698	2180
7	748	1910	3050	5900	21200	6650	5190	4290	2730	480	765	2370
8	703	1900	3100	6260	21800	6560	4890	4210	2470	465	833	2400
9	663	1880	3190	6670	21400	8380	4790	4080	2300	457	865	2410
10	621	1830	3220	6940	20200	10900	4620	4010	2210	456	901	2410
11	579	1780	3220	7150	18500	14100	4530	4070	2230	453	961	2460
12	529	1710	3260	7270	16800	16200	4560	4120	2220	449	1090	2610
13	482	1770	3270	7350	15000	17700	4710	4340	2150	436	1230	2730
14	446	1890	3280	7370	13500	17700	5030	4380	2070	420	1340	2700
15	416	2010	3290	7360	12000	16400	5520	4190	1970	413	1400	2540
16	393	2170	3280	7270	11000	14500	5880	3990	1860	424	1500	2340
17	381	2300	3250	7100	11600	13100	5970	3960	1760	418	1540	2180
18	372	2370	3190	6960	12800	12200	5930	4350	1670	405	1520	2070
19	391	2400	3120	6930	15000	11700	5750	4540	1600	397	1350	2010
20	404	2400	3030	6880	16000	11500	5800	4580	1570	404	1180	1970
21	413	2370	2940	6840	16200	11700	6040	4340	1540	422	1060	1920
22	436	2330	2940	6940	16300	12100	6400	3980	1450	428	985	1830
23	476	2290	3000	7380	16000	12900	6790	3650	1320	415	927	1670
24	513	2230	3200	7880	14800	13400	6980	3380	1200	407	862	1470
25	552	2170	3710	8650	13700	13200	7030	3130	1100	421	791	1250
26	617	2120	4240	9350	12600	12500	6880	2850	1020	483	734	1040
27	773	2080	4900	9900	11600	11500	6520	2590	945	502	723	863
28	882	2040	5390	10900	11000	10600	6200	2630	858	564	671	755
29	983	2020	5760	12300	---	9900	5980	2750	770	577	637	684
30	1060	2160	6190	13300	---	9290	5750	2800	694	591	615	706
31	1120	---	6490	13500	---	8670	---	2960	---	622	621	---
TOTAL	20585	59930	109880	242030	427400	355940	177870	123530	62917	14844	29124	53960
MEAN	664	1998	3545	7807	15260	11480	5929	3985	2097	479	939	1799
MAX	1120	2400	6490	13500	21800	17700	8080	5510	4490	635	1540	2730
MIN	372	1290	2320	5890	11000	6560	4530	2590	694	397	615	684
CFSM	.24	.72	1.27	2.80	5.47	4.12	2.13	1.43	.75	.17	.34	.64
IN.	.27	.80	1.47	3.23	5.70	4.75	2.37	1.65	.84	.20	.39	.72

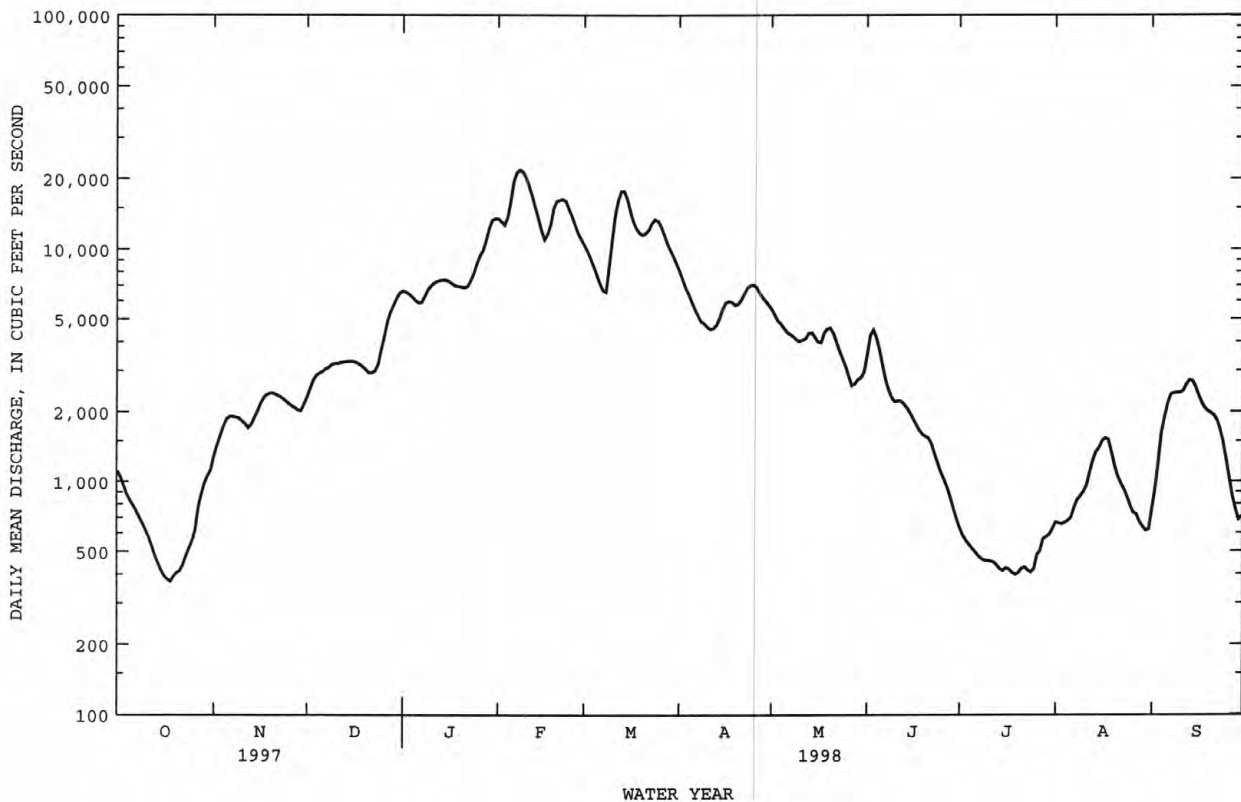
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1998, BY WATER YEAR (WY)

	1953	1839	2880	4376	5422	5917	4539	2262	1790	1889	2382	2380
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

PEE DEE RIVER BASIN

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

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1942 - 1998	
ANNUAL TOTAL	838795		1678010			
ANNUAL MEAN	2298		4597		3136	
HIGHEST ANNUAL MEAN					5947	1965
LOWEST ANNUAL MEAN					1371	1951
HIGHEST DAILY MEAN	8350	Feb 21	21800	Feb 8	27500	Oct 9 1964
LOWEST DAILY MEAN	363	Sep 5	372	Oct 18	158	Oct 12 1954
ANNUAL SEVEN-DAY MINIMUM	365	Sep 3	396	Oct 15	164	Oct 8 1954
INSTANTANEOUS PEAK FLOW			22000	Feb 8	27600	Oct 9 1964
INSTANTANEOUS PEAK STAGE			12.33	Feb 8	13.01	Oct 9 1964
INSTANTANEOUS LOW FLOW			369	Oct 18	155	Oct 12 1954
ANNUAL RUNOFF (CFSM)	.82		1.65		1.12	
ANNUAL RUNOFF (INCHES)	11.18		22.37		15.27	
10 PERCENT EXCEEDS	4920		12400		7040	
50 PERCENT EXCEEDS	1860		2750		2110	
90 PERCENT EXCEEDS	484		533		622	



PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

WATER-QUALITY RECORDS

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.--Data collection platform and Hydrolab water-quality monitor.

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, July 30, Aug. 9, 28, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 28, Aug. 9, 1987; 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, 32.0°C, July 23; minimum, 6.0°C, Jan. 2, 3.

DISSOLVED OXYGEN: Maximum, 9.5 mg/L, Dec. 16, 19; minimum, 2.9 mg/L, Sept. 21 - 23.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.0	22.0	16.5	16.0	16.0	12.0	11.5	11.5	7.5	6.5	7.0
2	22.0	21.5	22.0	16.5	16.0	16.5	12.0	11.5	11.5	6.5	6.0	6.5
3	21.5	21.0	21.5	16.5	16.0	16.0	11.5	11.0	11.5	7.0	6.0	6.5
4	21.5	21.0	21.0	16.0	15.5	16.0	12.0	11.5	11.5	7.5	6.5	7.0
5	22.0	21.0	21.5	15.5	14.5	15.0	12.0	11.5	11.5	8.0	7.0	7.5
6	---	---	---	15.0	14.5	14.5	11.5	10.0	10.5	9.0	8.0	8.5
7	---	---	---	15.0	14.5	14.5	10.0	9.0	9.5	10.5	9.0	9.5
8	---	---	---	15.0	14.0	14.5	9.0	8.5	8.5	12.0	10.5	11.5
9	---	---	---	14.5	14.0	14.5	8.5	8.0	8.0	---	---	---
10	---	---	---	14.5	14.0	14.0	8.5	8.0	8.0	---	---	---
11	---	---	---	14.5	13.5	14.0	9.0	8.5	8.5	---	---	---
12	---	---	---	14.0	13.5	14.0	9.0	9.0	9.0	---	---	---
13	---	---	---	14.0	13.5	13.5	9.0	8.5	8.5	---	---	---
14	---	---	---	13.5	13.0	13.5	9.0	8.5	9.0	---	---	---
15	---	---	---	13.0	12.5	13.0	8.5	8.0	8.0	11.5	11.0	11.0
16	---	---	---	13.0	12.5	12.5	8.0	7.5	7.5	11.0	10.5	11.0
17	---	---	---	12.5	11.5	12.0	8.0	7.5	7.5	10.5	10.0	10.5
18	---	---	---	11.5	11.0	11.0	8.0	7.5	7.5	10.0	10.0	10.0
19	---	---	---	11.0	10.5	11.0	7.5	7.5	7.5	10.0	9.5	9.5
20	---	---	---	10.5	10.0	10.0	8.0	7.0	7.5	9.5	9.0	9.0
21	18.5	18.0	18.5	10.0	9.5	9.5	8.0	8.0	8.0	9.0	8.5	8.5
22	18.0	17.5	18.0	11.0	10.0	10.5	8.5	8.0	8.0	9.0	8.5	8.5
23	17.5	16.5	17.0	12.0	11.0	12.0	8.5	8.0	8.5	9.5	9.0	9.0
24	17.0	16.0	16.5	12.0	11.5	12.0	9.0	8.5	9.0	9.5	9.5	9.5
25	17.0	16.5	17.0	11.5	10.5	11.0	10.0	9.0	9.5	9.5	9.5	9.5
26	17.5	17.0	17.0	11.0	10.5	10.5	10.0	9.5	9.5	9.5	9.0	9.0
27	17.5	17.0	17.5	11.0	10.5	10.5	10.0	9.5	9.5	9.5	9.0	9.0
28	17.5	16.5	17.0	10.5	10.0	10.5	9.5	9.0	9.5	9.0	9.0	9.0
29	17.0	16.5	16.5	10.5	10.0	10.5	9.0	8.5	9.0	9.0	8.5	9.0
30	16.5	15.5	16.0	11.5	10.5	11.0	8.5	8.0	8.5	9.0	8.5	9.0
31	16.0	16.0	16.0	---	---	---	8.0	7.5	7.5	9.0	8.5	9.0
MONTH	---	---	---	16.5	9.5	12.8	12.0	7.0	9.0	---	---	---

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
JUNE				JULY				AUGUST				SEPTEMBER			
1	27.0	26.5	26.5	31.5	30.5	31.0	29.5	29.0	29.5	29.5	29.0	29.0			
2	27.0	26.5	26.5	31.5	31.0	31.0	29.0	28.0	28.5	29.5	29.0	29.5			
3	28.0	27.0	27.5	31.5	31.0	31.0	28.5	27.5	28.0	29.5	28.0	28.5			
4	28.5	27.5	28.0	31.0	30.5	30.5	28.5	27.5	28.0	28.0	26.5	27.0			
5	28.0	27.5	27.5	31.0	30.5	30.5	28.5	27.5	28.0	27.5	26.5	27.0			
6	27.5	27.0	27.0	30.5	30.0	30.5	28.5	28.0	28.0	27.5	27.0	27.0			
7	27.0	26.0	26.5	30.5	30.0	30.5	28.5	27.5	28.0	27.0	26.5	26.5			
8	26.0	25.0	25.5	31.0	30.0	30.5	28.5	28.0	28.0	26.5	25.0	25.5			
9	25.0	24.0	24.5	31.0	30.0	30.5	28.5	28.0	28.5	25.0	24.0	24.5			
10	24.5	23.5	24.0	31.0	30.5	30.5	29.0	28.0	28.5	24.5	23.5	24.0			
11	25.0	24.0	24.5	31.0	30.5	30.5	29.0	28.0	28.5	24.0	23.5	23.5			
12	25.5	24.5	25.0	30.5	30.0	30.0	29.5	28.5	29.0	23.5	23.0	23.5			
13	26.5	25.5	26.0	30.5	29.5	30.0	29.0	28.5	28.5	23.5	23.0	23.5			
14	26.5	26.0	26.5	30.0	29.0	29.5	29.0	28.0	28.5	24.0	23.5	23.5			
15	27.5	26.0	26.5	29.5	29.5	29.5	29.0	28.5	28.5	24.5	24.0	24.0			
16	27.5	27.0	27.5	29.5	29.0	29.0	29.0	28.0	28.5	25.0	24.5	24.5			
17	28.0	27.5	27.5	29.5	28.5	29.0	29.5	28.5	29.0	25.5	25.0	25.0			
18	28.5	27.5	28.0	29.5	29.0	29.5	29.5	29.0	29.5	26.0	25.5	25.5			
19	28.5	28.0	28.0	30.0	29.0	29.5	30.0	29.0	29.5	26.0	25.5	26.0			
20	29.0	28.0	28.0	30.5	29.5	30.0	29.5	29.0	29.5	26.5	26.0	26.0			
21	28.5	27.5	28.0	31.0	30.0	30.5	29.5	28.5	29.0	26.5	26.0	26.5			
22	29.0	28.0	28.5	31.5	30.0	31.0	29.0	28.0	28.5	26.5	26.0	26.5			
23	29.5	28.5	29.0	32.0	30.5	31.0	29.0	28.0	28.0	27.0	26.5	26.5			
24	30.0	28.5	29.0	31.5	31.0	31.0	29.0	28.0	28.0	27.0	25.5	26.0			
25	30.0	29.5	29.5	31.5	30.5	31.0	29.0	28.0	28.5	26.0	24.5	25.0			
26	30.5	29.5	30.0	31.0	30.5	30.5	28.5	26.5	27.5	25.5	24.5	25.0			
27	31.0	29.5	30.5	30.5	30.0	30.0	27.5	26.5	27.0	25.5	24.5	25.0			
28	31.0	30.0	30.5	30.5	29.5	30.0	28.0	27.0	27.5	26.0	25.0	25.5			
29	31.5	30.5	31.0	30.0	29.5	29.5	29.0	28.0	28.5	26.0	25.5	26.0			
30	31.5	30.5	31.0	30.0	29.5	30.0	30.0	29.0	29.5	26.0	25.5	26.0			
31	---	---	---	30.0	29.5	30.0	30.0	29.0	29.5	---	---	---			
MONTH	31.5	23.5	27.6	32.0	28.5	30.2	30.0	26.5	28.5	29.5	23.0	25.7			

PEE DEE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.0	5.4	5.6	8.4	7.7	8.2	7.8	7.5	7.7	---	---	---
2	6.0	5.5	5.7	8.1	7.4	7.8	7.9	7.5	7.7	---	---	---
3	6.1	5.6	5.8	7.7	7.1	7.4	8.1	7.6	7.9	---	---	---
4	6.4	5.8	6.0	7.6	6.4	7.2	8.3	7.9	8.1	---	---	---
5	6.4	5.7	6.1	7.5	6.2	6.9	8.6	8.0	8.3	---	---	---
6	---	---	---	6.8	6.1	6.4	8.8	8.2	8.4	---	---	---
7	---	---	---	7.1	6.5	6.7	8.7	8.4	8.5	---	---	---
8	---	---	---	7.3	6.7	6.9	8.8	8.5	8.6	---	---	---
9	---	---	---	7.4	6.8	7.0	9.0	8.7	8.9	---	---	---
10	---	---	---	7.3	6.7	7.0	9.0	8.8	8.9	---	---	---
11	---	---	---	7.1	6.4	6.7	8.9	8.2	8.7	---	---	---
12	---	---	---	7.0	6.2	6.7	9.1	8.6	8.8	---	---	---
13	---	---	---	7.1	6.1	6.8	9.0	8.5	8.7	---	---	---
14	---	---	---	7.6	6.9	7.2	8.8	8.5	8.6	---	---	---
15	---	---	---	7.9	7.3	7.5	8.9	8.6	8.7	---	---	---
16	---	---	---	8.0	7.4	7.7	9.5	8.6	8.8	---	---	---
17	---	---	---	8.3	7.8	8.1	8.9	8.5	8.8	---	---	---
18	---	---	---	8.6	8.3	8.4	9.2	8.5	8.8	---	---	---
19	---	---	---	8.5	8.4	8.4	9.5	8.7	9.0	---	---	---
20	---	---	---	9.0	8.5	8.8	9.4	8.9	9.1	---	---	---
21	7.0	6.4	6.7	9.0	8.7	8.9	9.3	8.7	8.9	---	---	---
22	7.4	6.5	6.9	8.7	8.1	8.4	9.1	8.5	8.7	---	---	---
23	7.9	7.1	7.3	8.1	7.6	7.9	---	---	---	---	---	---
24	8.1	7.2	7.7	8.3	7.6	7.9	---	---	---	---	---	---
25	7.9	7.0	7.5	9.0	8.2	8.5	---	---	---	---	---	---
26	7.8	6.9	7.3	9.1	8.9	9.0	---	---	---	---	---	---
27	---	---	---	9.0	8.7	8.9	---	---	---	---	---	---
28	7.6	7.0	7.2	8.9	8.7	8.8	---	---	---	---	---	---
29	7.7	7.2	7.5	8.8	8.5	8.7	---	---	---	---	---	---
30	8.2	7.5	7.9	8.6	7.8	8.3	---	---	---	---	---	---
31	8.2	7.6	8.0	---	---	---	---	---	---	8.5	8.2	8.4
MONTH	---	---	---	9.1	6.1	7.8	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.6	8.3	8.4	---	---	---	6.3	5.8	6.1	5.9	5.8	5.8
2	8.7	8.4	8.6	---	---	---	5.8	5.5	5.7	5.8	5.7	5.8
3	8.9	8.5	8.7	7.3	6.8	7.3	5.5	5.3	5.4	5.9	5.6	5.7
4	8.9	8.5	8.7	7.3	7.2	7.2	5.4	5.3	5.4	5.7	5.5	5.6
5	8.7	8.3	8.5	7.3	7.2	7.3	5.4	5.3	5.3	5.6	5.5	5.5
6	8.5	8.3	8.4	7.4	7.3	7.3	5.6	5.4	5.5	5.5	5.4	5.5
7	8.5	8.2	8.3	7.4	7.3	7.4	5.8	5.6	5.7	5.4	5.3	5.4
8	8.5	8.2	8.4	7.4	7.4	7.4	5.8	5.8	5.8	5.4	5.0	5.2
9	8.5	8.3	8.4	7.4	7.3	7.4	5.8	5.7	5.8	5.1	5.0	5.0
10	8.6	8.3	8.5	7.3	7.1	7.2	5.7	5.4	5.5	5.1	4.8	5.0
11	8.7	8.5	8.6	7.2	7.1	7.2	5.4	5.4	5.4	4.9	4.8	4.9
12	8.8	8.3	8.6	7.4	7.2	7.3	5.7	5.4	5.5	5.2	4.9	5.1
13	8.7	8.3	8.5	7.7	7.4	7.6	5.8	5.7	5.8	5.3	5.1	5.2
14	8.6	8.2	8.4	7.9	7.7	7.8	5.8	5.8	5.8	5.4	5.2	5.3
15	8.6	8.3	8.5	7.9	7.9	7.9	5.8	5.7	5.7	5.5	5.4	5.4
16	8.8	8.5	8.6	7.9	7.8	7.9	5.8	5.6	5.7	5.4	5.4	5.4
17	8.8	8.4	8.6	7.8	7.8	7.8	5.6	5.4	5.5	5.6	5.4	5.5
18	8.5	7.9	8.3	7.8	7.7	7.8	5.4	5.3	5.4	5.5	5.3	5.4
19	8.1	7.7	7.9	7.8	7.7	7.8	5.3	5.2	5.3	5.3	5.2	5.3
20	7.8	7.4	7.6	7.7	7.5	7.6	5.3	5.2	5.3	5.3	4.9	5.1
21	7.6	7.1	7.3	7.5	7.3	7.4	5.4	5.3	5.4	4.9	4.7	4.8
22	7.3	7.0	7.1	7.4	7.3	7.3	5.5	5.4	5.4	4.7	4.5	4.6
23	7.2	6.9	7.1	7.4	7.3	7.4	5.6	5.4	5.5	4.5	4.4	4.5
24	7.1	6.9	7.0	7.4	7.4	7.4	5.8	5.6	5.7	4.4	4.2	4.3
25	7.2	6.8	7.0	7.5	7.4	7.4	6.0	5.8	5.9	4.2	3.7	4.0
26	---	---	---	7.5	7.5	7.5	6.1	6.0	6.0	3.7	3.4	3.6
27	---	---	---	7.5	7.4	7.5	6.1	6.0	6.0	3.4	3.1	3.3
28	---	---	---	7.4	7.2	7.3	6.1	6.0	6.1	3.4	3.1	3.3
29	---	---	---	7.2	6.9	7.0	6.1	6.0	6.0	4.2	3.3	3.8
30	---	---	---	6.9	6.6	6.7	6.0	5.9	6.0	4.6	4.0	4.3
31	---	---	---	6.6	6.3	6.4	---	---	---	4.8	4.3	4.6
MONTH	---	---	---	---	---	---	6.3	5.2	5.7	5.9	3.1	4.9

PEE DEE RIVER BASIN

95

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.9	4.3	4.5	4.9	4.1	4.5	4.8	4.5	4.7	5.6	4.0	4.6
2	4.5	3.8	4.1	4.6	3.8	4.2	5.1	4.6	4.9	5.7	3.9	4.5
3	4.4	3.9	4.0	4.5	3.9	4.2	5.4	4.6	5.0	5.8	3.6	4.6
4	4.5	3.9	4.1	5.1	4.3	4.7	5.4	4.7	5.1	5.2	3.7	4.6
5	4.6	4.1	4.3	5.0	4.5	4.7	5.4	4.9	5.2	4.8	3.5	4.3
6	4.7	4.2	4.4	5.0	4.5	4.8	5.7	5.2	5.4	5.5	4.3	4.9
7	4.6	4.4	4.5	5.0	4.6	4.8	6.0	5.4	5.7	5.2	4.3	4.8
8	4.8	4.6	4.7	5.1	4.6	4.9	5.9	5.6	5.7	4.9	4.3	4.6
9	5.0	4.6	4.8	4.9	4.4	4.7	6.2	5.6	5.8	5.0	4.3	4.6
10	5.0	4.7	4.8	4.7	4.1	4.4	6.2	5.3	5.8	4.5	4.1	4.3
11	5.5	4.8	5.1	4.2	3.8	3.9	5.9	4.5	5.0	---	---	---
12	5.5	5.0	5.2	4.3	3.6	3.9	6.2	4.9	5.6	4.5	4.1	4.3
13	5.6	5.0	5.3	5.0	4.0	4.4	5.8	4.3	5.1	4.5	4.1	4.3
14	5.6	4.9	5.2	5.3	4.5	4.8	4.8	3.9	4.3	4.4	3.8	4.1
15	5.6	5.0	5.2	5.0	4.3	4.8	4.8	4.0	4.3	4.0	3.5	3.8
16	5.4	4.7	5.0	4.4	3.9	4.2	4.8	3.4	4.3	3.9	3.4	3.7
17	5.0	4.3	4.5	4.0	3.7	3.9	4.8	3.7	4.4	4.2	3.1	3.7
18	5.0	4.2	4.5	4.0	3.7	3.9	5.1	4.0	4.6	4.4	3.3	3.9
19	5.0	4.3	4.7	4.5	3.9	4.2	5.6	3.9	4.5	4.2	3.1	3.7
20	5.3	4.6	4.9	4.9	4.3	4.6	5.5	4.1	4.5	4.0	3.1	3.5
21	5.5	4.7	5.0	4.7	4.1	4.4	4.6	4.0	4.4	4.1	2.9	3.5
22	5.4	4.4	4.9	4.6	4.1	4.4	5.0	4.1	4.6	4.2	2.9	3.6
23	5.3	4.3	4.7	4.5	4.0	4.2	5.1	4.1	4.6	4.3	2.9	3.6
24	5.0	4.2	4.4	4.5	3.8	4.1	5.1	4.1	4.6	4.0	3.1	3.7
25	4.8	4.1	4.4	4.6	4.1	4.3	6.0	4.2	4.8	4.4	3.4	4.1
26	5.0	4.2	4.6	4.5	4.0	4.3	6.0	4.6	5.3	4.6	3.4	4.2
27	5.0	4.1	4.6	4.6	4.2	4.4	5.6	3.8	4.7	5.1	3.7	4.3
28	5.1	4.3	4.7	4.4	4.0	4.2	5.6	3.9	4.5	4.8	3.5	4.3
29	5.2	4.5	4.8	4.7	3.8	4.2	4.9	3.6	4.4	---	---	---
30	5.0	3.7	4.6	4.7	3.9	4.4	4.9	4.0	4.5	5.4	4.6	5.0
31	---	---	---	4.8	4.0	4.5	4.8	4.1	4.4	---	---	---
MONTH	5.6	3.7	4.7	5.3	3.6	4.4	6.2	3.4	4.9	---	---	---

WACCAMAW RIVER BASIN

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). Five auxiliary stations (02110705, 02110777, 02110802, 02110815, and 02135190) were used in conjunction with this station for computation of discharge for these water years.

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	2580	4390	4980	e8200	21400	21900	20800	15100	4480	1580	2740	1430
2	2540	4200	4360	e8400	21300	21200	19600	14900	3950	1370	3360	954
3	2690	4230	3960	e8600	21400	e21200	18000	14200	3320	1280	3010	448
4	1940	4540	4460	e8800	22100	e21100	16700	13600	3760	1450	2360	3080
5	2360	4030	5000	e9000	23400	e21100	15200	12900	4230	1930	1750	2230
6	2060	3380	5030	e9250	24700	e21100	14100	12100	4690	1330	1500	3520
7	1490	3790	5150	e9500	25000	e21000	13300	11200	4910	1260	2110	4400
8	1400	4010	5040	e9750	25800	e21000	12600	10700	4750	886	1290	5160
9	1260	4040	4630	e10000	26100	e20900	12100	10000	4080	1270	1970	5580
10	1670	4520	4260	e10300	26200	e20900	11800	9330	3100	897	1930	5860
11	1330	3450	4160	e10700	26000	e20800	11100	8790	2990	806	1480	6240
12	907	2340	4540	e11100	25700	e20800	10600	8590	3520	859	1230	6520
13	1270	3700	4830	11500	25400	e20700	10300	8580	3900	1140	1700	6730
14	1080	3540	5180	12000	24600	e20700	10200	8310	4090	812	1850	6400
15	932	3710	5390	12600	24000	e20600	10300	8330	4510	831	2020	5480
16	982	4500	e5500	13600	23000	e20600	10400	8770	4310	891	2130	4100
17	1120	5120	e5650	14900	22500	e20500	10900	9290	3710	801	2120	3220
18	1490	4860	e5800	15900	22400	e20400	11400	9940	2360	762	1940	2950
19	1760	5870	e5950	16600	22100	e20300	11600	10100	2960	1220	e2000	2790
20	1930	5890	e6100	17000	21600	e20200	11900	10300	3320	1150	e2100	2660
21	1230	5660	e6250	16900	21200	e20100	11800	10000	3340	1020	e2200	2290
22	2220	5530	e6400	16600	21000	e20000	11700	9470	3530	625	e2000	2000
23	1780	4760	e6550	16900	20800	e19900	11700	9110	2710	1110	e1900	1420
24	3220	4160	e6700	17500	21100	e19900	11800	8780	2170	1470	e1800	1520
25	3260	4320	e6850	18000	21600	e19800	12300	8400	1990	1930	e1700	1810
26	2090	4890	e7000	18400	22000	19700	12800	7760	2480	2400	e1600	1830
27	2010	5390	e7200	18900	21900	20800	13600	6520	2880	e2300	e1400	1760
28	2120	5400	e7400	20200	21800	21900	14200	5140	2780	e2200	e1450	1630
29	2020	5460	e7600	21000	---	22400	14700	4440	2510	e2100	e1500	1490
30	3140	5170	e7800	21100	---	22500	15100	4420	2290	2030	e1450	1030
31	3830	---	e8000	21200	---	22000	---	4500	---	2920	1440	---
TOTAL	59711	134850	177720	434400	646100	646000	392600	293570	103620	42630	59030	96532
MEAN	1926	4495	5733	14010	23080	20840	13090	9470	3454	1375	1904	3218
MAX	3830	5890	8000	21200	26200	22500	20800	15100	4910	2920	3360	6730
MIN	907	2340	3960	8200	20800	19700	10200	4420	1990	625	1230	448

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	6241	5658	6606	9540	11550	12300	9371	5973	4333
MAX	12560	13060	10870	14640	23080	20840	23640	9470	7024
(WY)	1990	1991	1993	1995	1998	1998	1993	1998	1992
MIN	1926	2263	2923	5619	4753	7839	3071	1933	2908
(WY)	1998	1994	1992	1996	1992	1992	1995	1995	1994

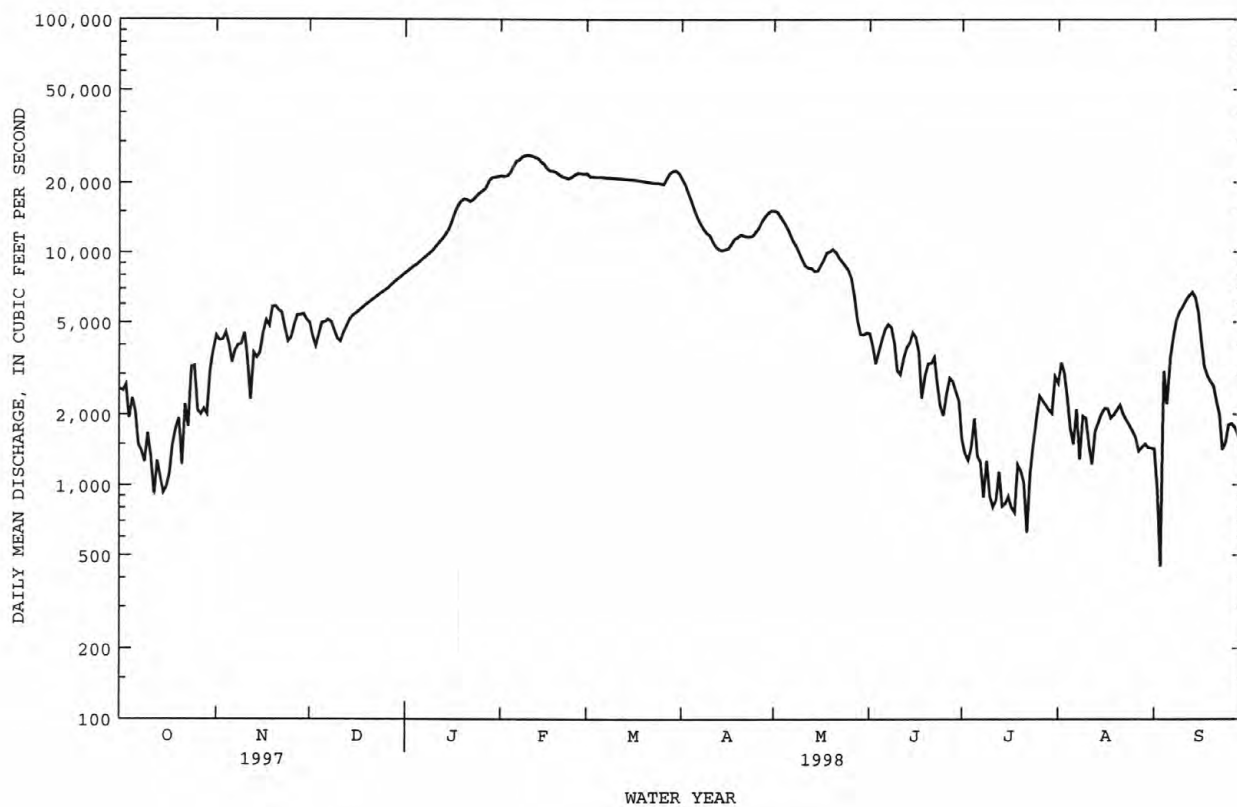
WACCAMAW RIVER BASIN

97

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

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1990 - 1998	
ANNUAL TOTAL	2010675		3086763		6977	
ANNUAL MEAN	5509		8457		8457	
HIGHEST ANNUAL MEAN					6158	
LOWEST ANNUAL MEAN					1997	
HIGHEST DAILY MEAN	15500	Feb 26	26200	Feb 10	36600	Jan 22 1993
LOWEST DAILY MEAN	580	Sep 24	448	Sep 3	335	Oct 10 1990
ANNUAL SEVEN-DAY MINIMUM	973	Aug 30	871	Jul 12	871	Jul 12 1998
INSTANTANEOUS PEAK STAGE			15.04	Feb 10	15.04	Feb 10 1998
10 PERCENT EXCEEDS	10500		21100		13600	
50 PERCENT EXCEEDS	4800		5140		5740	
90 PERCENT EXCEEDS	1370		1410		1730	

e Estimated



PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC

LOCATION.--Lat 34°09'02'', long 80°18'18'', Lee County, Hydrologic Unit 03040205, near 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 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 164.53 ft above sea level.

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	114	124	e138	183	287	225	172	154	44	22	35	e66
2	105	107	e177	167	234	226	169	172	42	20	29	e64
3	61	96	e204	154	217	224	166	180	40	18	25	e62
4	34	91	e184	139	309	218	180	183	37	17	22	e184
5	27	88	e160	127	552	201	252	175	61	17	19	e287
6	23	86	e138	124	782	186	286	160	110	16	17	e360
7	21	77	e120	157	673	174	305	151	142	15	16	e252
8	19	64	e108	369	435	171	282	174	139	15	16	e166
9	18	57	e103	664	344	212	233	169	116	14	17	e128
10	18	52	e111	779	314	437	239	153	82	14	29	e108
11	18	49	e118	524	260	629	310	151	105	15	33	e99
12	17	48	e129	331	231	678	331	142	103	16	29	e93
13	17	91	e131	246	216	449	296	131	74	15	32	e88
14	16	143	e124	201	203	312	249	123	52	14	43	e83
15	22	157	e116	189	197	249	212	108	42	14	58	e77
16	46	164	e115	229	192	217	199	94	36	15	77	e72
17	55	169	e105	269	192	199	190	90	32	18	107	e67
18	60	159	e106	309	307	190	211	84	28	27	102	e61
19	107	139	e104	326	535	213	312	66	28	30	54	e57
20	143	118	e96	308	745	390	404	57	32	29	e91	e53
21	148	94	e96	272	524	629	334	52	29	33	e84	e49
22	145	109	e93	258	343	736	269	48	26	27	e83	e44
23	141	e147	e145	297	269	522	229	44	25	22	e73	e41
24	125	e158	180	328	254	355	201	43	23	19	e73	e41
25	100	e154	238	392	239	280	187	43	22	24	e72	e35
26	83	e128	276	395	227	240	175	46	23	30	e67	e29
27	108	e110	292	372	222	213	164	46	20	26	e65	e26
28	120	e102	287	547	217	197	149	58	19	24	e74	23
29	127	e98	253	664	---	189	134	50	18	23	e75	22
30	142	e96	223	589	---	182	126	49	20	32	e71	21
31	139	---	201	387	---	176	---	47	---	39	e68	---
TOTAL	2319	3275	4871	10296	9520	9519	6966	3243	1570	660	1656	2758
MEAN	74.8	109	157	332	340	307	232	105	52.3	21.3	53.4	91.9
MAX	148	169	292	779	782	736	404	183	142	39	107	360
MIN	16	48	93	124	192	171	126	43	18	14	16	21
CFSM	.78	1.14	1.64	3.46	3.54	3.20	2.42	1.09	.55	.22	.56	.96
IN.	.90	1.27	1.89	3.99	3.69	3.69	2.70	1.26	.61	.26	.64	1.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1998, BY WATER YEAR (WY)

	MEAN	86.0	96.1	126	162	166	175	131	72.3	64.0	55.6	72.7	60.5
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	13.3	12.6	
(WY)	1982	1982	1989	1981	1986	1985	1986	1986	1986	1986	1983	1968	

PEE DEE RIVER BASIN

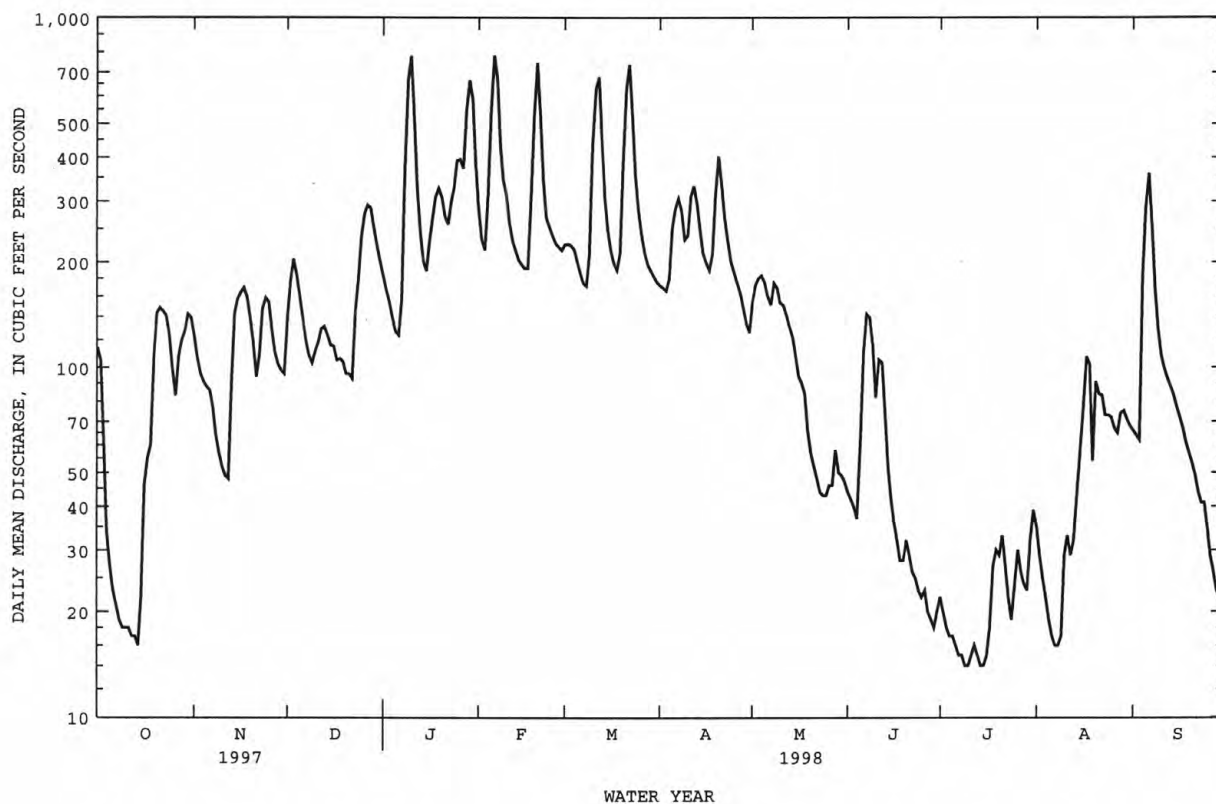
99

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1968 - 1998	
ANNUAL TOTAL	32771.0		56653		106	
ANNUAL MEAN	89.8		155		170	
HIGHEST ANNUAL MEAN					57.4	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	453	Feb 17	782	Feb 6	4150	Oct 12 1990
LOWEST DAILY MEAN	8.9	Sep 9	14	* Jul 9	3.5	Jul 24 1986
ANNUAL SEVEN-DAY MINIMUM	9.3	Sep 4	15	Jul 9	3.9	Jul 21 1986
INSTANTANEOUS PEAK FLOW			826	Jan 10	4500	Oct 12 1990
INSTANTANEOUS PEAK STAGE			7.49	Jan 10	11.80	Oct 12 1990
ANNUAL RUNOFF (CFSM)	.94		1.62		1.10	
ANNUAL RUNOFF (INCHES)	12.70		21.95		14.95	
10 PERCENT EXCEEDS	162		319		208	
50 PERCENT EXCEEDS	95		118		82	
90 PERCENT EXCEEDS	13		22		19	

e Estimated

* Also occurred on July 10, 14, 15.



PEE DEE RIVER BASIN

02136000 BLACK RIVER AT KINGSTREE, SC

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on right 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 mi².

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.--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	1270	988	1040	5220	7590	4800	2440	1700	350	121	90	62
2	1270	1120	1060	4660	7100	4410	2210	1600	326	107	90	59
3	1220	1190	1080	4130	6560	4100	2050	1510	305	96	79	81
4	1110	1190	1110	3630	6610	3900	2070	1520	290	88	72	125
5	989	1150	1150	3180	7310	3700	2050	1480	289	79	66	191
6	884	1100	1200	2850	8210	3560	2030	1410	295	73	59	280
7	798	1060	1230	2700	9240	3480	2010	1330	322	68	53	351
8	736	1030	1250	2710	9080	3520	2090	1360	327	63	49	411
9	677	992	1300	2830	8590	4850	2330	1480	325	60	46	444
10	614	944	1400	2840	7850	6080	2600	1530	345	90	47	435
11	545	876	1490	2810	6850	7060	3400	1540	427	115	62	412
12	478	796	1570	2790	5800	7210	4380	1570	551	117	86	396
13	418	786	1620	2870	4890	6270	4720	1620	642	97	92	389
14	367	930	1670	3210	4230	5350	4480	1630	664	85	111	406
15	324	1160	1690	3620	3690	4940	4120	1630	675	77	136	435
16	290	1280	1700	3740	3350	4600	3750	1640	649	77	134	451
17	258	1290	1700	3690	4230	4140	3380	1630	590	96	126	448
18	235	1310	1670	3540	5410	3800	3130	1590	536	116	181	425
19	249	1340	1620	3490	6370	4260	3100	1510	502	108	296	383
20	279	1340	1560	3620	7370	5130	3240	1390	497	88	282	332
21	301	1300	1490	3790	7170	5380	3210	1270	484	74	213	292
22	327	1260	1470	3930	6650	5450	3020	1140	454	64	168	273
23	367	1210	1540	4230	6880	5530	2800	1020	413	55	146	279
24	414	1170	1760	4450	6910	5870	2600	914	373	52	129	297
25	449	1130	2220	4550	6530	6140	2430	799	330	54	113	275
26	489	1100	2740	4690	6300	5620	2310	703	282	58	97	234
27	580	1050	3600	5180	5860	4840	2200	618	235	85	85	193
28	686	1010	4670	6020	5270	4140	2080	544	194	113	78	158
29	767	966	5320	6830	---	3560	1930	483	163	97	73	133
30	819	1010	5650	7610	---	3080	1790	432	139	88	69	118
31	879	---	5630	7910	---	2720	---	387	---	80	66	---
TOTAL	19089	33078	64200	127320	181900	147490	83950	38980	11974	2641	3394	8768
MEAN	616	1103	2071	4107	6496	4758	2798	1257	399	85.2	109	292
MAX	1270	1340	5650	7910	9240	7210	4720	1700	675	121	296	451
MIN	235	786	1040	2700	3350	2720	1790	387	139	52	46	59
CFSM	.49	.88	1.65	3.28	5.19	3.80	2.24	1.00	.32	.07	.09	.23
IN.	.57	.98	1.91	3.78	5.40	4.38	2.49	1.16	.36	.08	.10	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1998, BY WATER YEAR (WY)

	MEAN	519	480	946	1492	1975	2146	1543	576	555	497	558	607
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	

PEE DEE RIVER BASIN

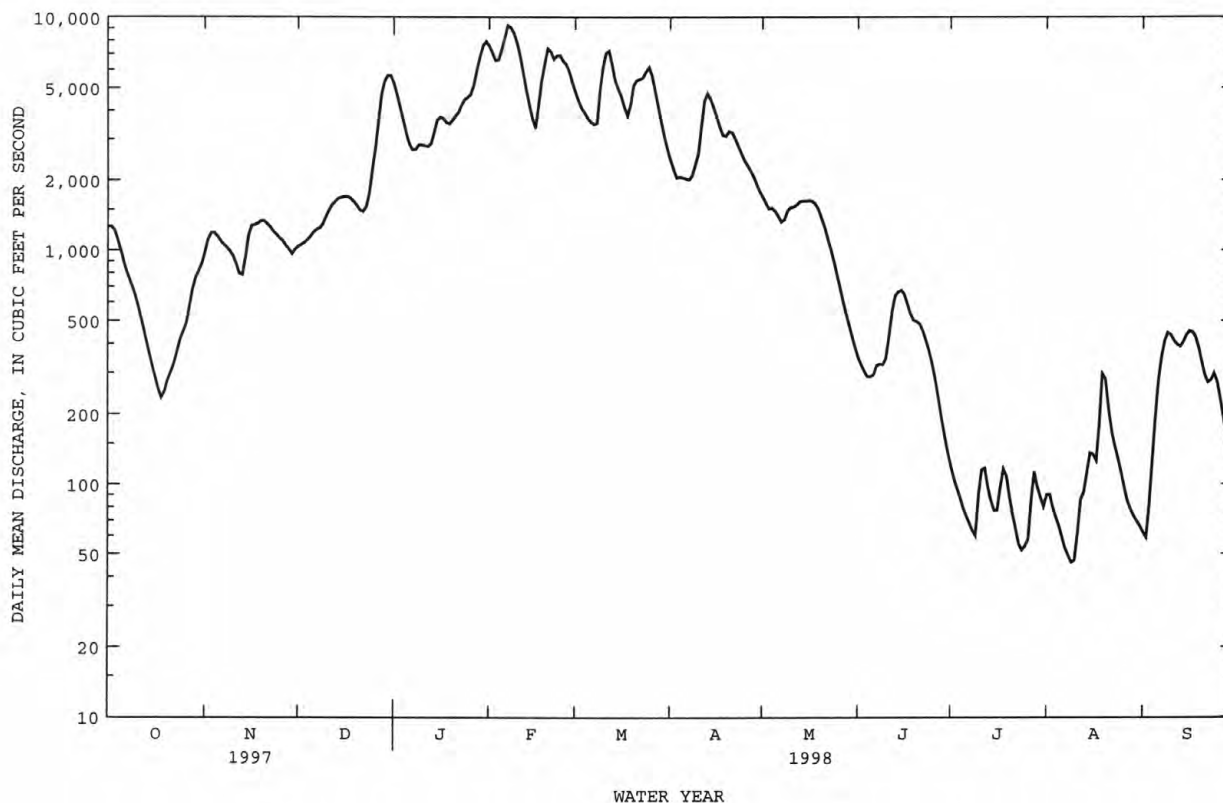
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02136000 BLACK RIVER AT KINGSTREE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	379323		722784		986	
ANNUAL MEAN	1039		1980		2438	
HIGHEST ANNUAL MEAN					183	
LOWEST ANNUAL MEAN					52800	
HIGHEST DAILY MEAN	5650	Dec 30	9240	Feb 7	Jun 14 1973	
LOWEST DAILY MEAN	90	Aug 31	46	Aug 9	Sep 12 1954	
ANNUAL SEVEN-DAY MINIMUM	103	Sep 7	55	Aug 5	2.6 Sep 8 1954	
INSTANTANEOUS PEAK FLOW			9480	Feb 7	58000 Jun 14 1973	
INSTANTANEOUS PEAK STAGE			13.40	Feb 7	19.77 Jun 14 1973	
INSTANTANEOUS LOW FLOW			45	** Aug 9	2.0 * Sep 12 1954	
ANNUAL RUNOFF (CFSM)	.83		1.58		.79	
ANNUAL RUNOFF (INCHES)	11.27		21.48		10.70	
10 PERCENT EXCEEDS	1880		5430		2400	
50 PERCENT EXCEEDS	943		1150		478	
90 PERCENT EXCEEDS	254		88		54	

* Also occurred on Sept. 13 - 15, Oct. 7 - 8, 1954.

**Also occurred on Aug. 10.



PEE DEE RIVER BASIN

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 mi², 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 good except for estimated daily discharges, which are poor and those below 2.0 ft³/s, which are fair.

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	15	11	1.8	14	17	17	4.7	.69	.34	.16	.63	.70
2	12	7.5	1.4	12	14	14	5.3	.56	.34	.16	.46	1.4
3	11	7.1	1.3	11	32	11	9.6	.59	.27	.18	.40	4.4
4	8.6	2.7	1.3	9.8	89	9.3	24	1.0	.22	.20	.59	2.0
5	4.5	2.5	1.3	12	67	8.2	18	.77	.24	.61	.66	.82
6	1.4	6.5	1.1	26	54	7.2	15	.63	.39	.49	.58	.64
7	.72	17	.98	44	46	6.8	12	.69	.36	.27	.65	.57
8	3.2	16	1.1	63	38	9.9	9.8	2.1	.26	.20	.94	.68
9	7.0	17	2.9	59	30	30	9.7	1.1	.22	.17	.65	.81
10	1.8	21	3.5	48	24	25	7.6	.89	.38	.29	.61	.61
11	.79	18	3.2	39	21	19	6.2	.91	.35	.30	.47	.50
12	.76	12	3.2	32	20	15	5.0	.74	.25	.25	.44	.41
13	.76	13	2.9	26	17	12	3.5	.54	.20	.20	.53	.41
14	.78	14	2.7	22	15	10	3.0	.46	.17	.20	.54	.37
15	.82	12	2.8	23	13	8.8	2.7	.40	.18	.26	.60	.36
16	3.4	9.7	3.0	26	21	7.4	2.6	.35	.18	.30	.75	.37
17	5.8	7.8	2.9	21	111	7.8	2.4	.61	.16	.51	.54	.37
18	4.8	7.6	2.2	17	70	9.8	2.4	1.2	.15	.42	.52	.39
19	7.6	6.4	1.8	23	56	29	2.1	.67	.25	.25	.48	.44
20	6.4	4.1	1.6	26	47	27	2.1	.48	.22	.23	.77	.47
21	4.7	1.8	1.4	21	38	22	1.9	.43	.19	.22	.48	.45
22	3.4	1.4	5.1	18	31	17	1.4	.40	.17	.25	.40	.57
23	2.7	1.4	8.8	61	47	13	1.2	.38	.17	.26	.33	.46
24	1.8	1.2	15	60	37	11	.86	.36	.15	.33	.31	.40
25	2.2	1.0	19	41	28	9.2	.66	.33	.16	.42	.28	.38
26	2.8	1.0	14	32	22	7.7	.59	.33	.16	.41	.35	.36
27	9.6	.96	19	42	19	6.6	.59	.40	.17	.50	.36	.36
28	9.2	1.1	19	47	20	5.5	.59	.37	.16	.68	.34	.40
29	7.7	.90	19	33	---	4.9	.56	.36	.22	e.92	.34	.69
30	4.5	1.9	19	26	---	4.2	.65	.41	.20	e.74	.35	.73
31	.80	---	16	21	---	3.5	---	.39	---	.63	.64	---
TOTAL	146.53	225.56	198.28	955.8	1044	388.8	156.70	19.54	6.88	11.01	15.99	21.52
MEAN	4.73	7.52	6.40	30.8	37.3	12.5	5.22	.63	.23	.36	.52	.72
MAX	15	21	19	63	111	30	24	2.1	.39	.92	.94	4.4
MIN	.72	.90	.98	9.8	13	3.5	.56	.33	.15	.16	.28	.36
CFSM	1.01	1.61	1.37	6.60	7.98	2.69	1.12	.13	.05	.08	.11	.15
IN.	1.17	1.80	1.58	7.61	8.32	3.10	1.25	.16	.05	.09	.13	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1998, BY WATER YEAR (WY)

MEAN	6.15	4.08	5.93	9.90	11.4	6.44	2.52	1.13	5.03	3.59	39.8	22.0
MAX	9.96	7.52	14.1	30.8	37.3	12.5	5.22	4.28	15.9	7.86	187	86.6
(WY)	1997	1998	1995	1998	1998	1998	1998	1997	1997	1997	1995	1995
MIN	1.51	1.67	1.68	2.71	2.36	3.20	.84	.14	.23	.36	.52	.72
(WY)	1994	1997	1997	1996	1996	1997	1995	1994	1998	1998	1998	1998

PEE DEE RIVER BASIN

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02136361 TURKEY CREEK NEAR MARYVILLE, SC--Continued

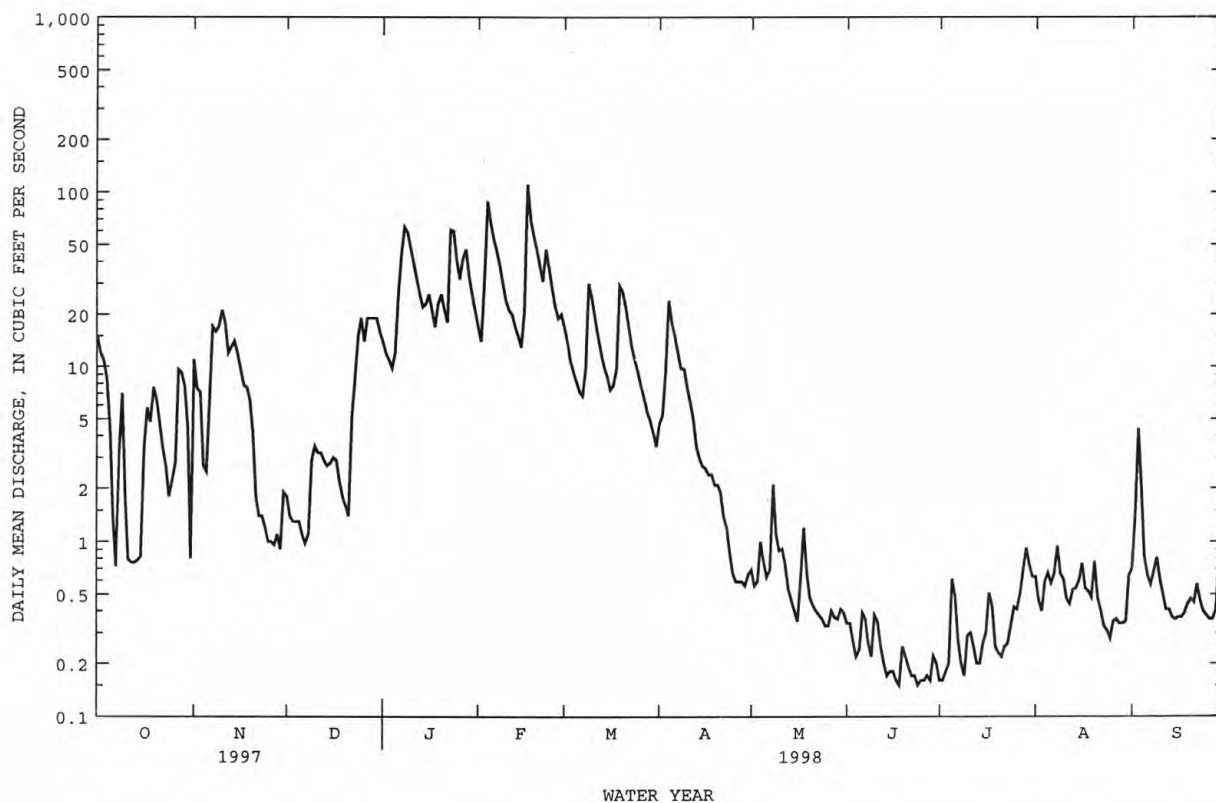
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1994 - 1998
ANNUAL TOTAL	2190.34	3190.61	
ANNUAL MEAN	6.00	8.74	9.84
HIGHEST ANNUAL MEAN			27.8
LOWEST ANNUAL MEAN			2.78
HIGHEST DAILY MEAN	64 Jul 31	111 Feb 17	1350 Aug 27 1995
LOWEST DAILY MEAN	.03 Aug 29	.15 *** Jun 18	.03 Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	.14 Apr 3	.16 Jun 22	.06 May 23 1994
INSTANTANEOUS PEAK FLOW		154 Feb 17	* 1500 Aug 27 1995
INSTANTANEOUS PEAK STAGE		3.59 Feb 17	** 4.56 Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.28	1.87	2.11
ANNUAL RUNOFF (INCHES)	17.45	25.42	28.61
10 PERCENT EXCEEDS	17	26	14
50 PERCENT EXCEEDS	2.5	1.4	2.1
90 PERCENT EXCEEDS	.26	.26	.16

e Estimated

* Based on slope-area computation of peak discharge.

** From floodmarks.

*** Also occurred on June 24.



SANTEE RIVER BASIN

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 mi², 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.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft³).

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	1930	1120	2620	3140	13800	5700	8260	6210	3850	e2200	1540	1350
2	2190	1390	3890	3020	13800	9430	5670	6240	2310	1700	790	744
3	2200	1750	2690	920	10100	9120	4040	7100	4560	1600	1000	934
4	981	3530	1930	1370	9150	8400	4500	9150	3680	563	3150	1000
5	1200	3940	3210	3210	8570	7810	3090	8740	3430	1020	2690	670
6	1850	3780	3130	2460	14100	5810	3640	6230	2750	1930	3390	764
7	1040	3130	1860	4220	14100	6140	2290	8450	1750	2190	1670	878
8	1020	1200	2430	4640	14000	8080	3790	8760	2140	1800	1920	2110
9	1010	1290	2360	4410	13900	7960	4500	7550	2080	2530	822	1860
10	1130	3610	2630	7320	13800	10400	3080	8450	1690	1920	2780	1240
11	997	4240	2420	8600	13700	11800	3930	9130	5940	900	4540	1320
12	657	3790	2560	7670	13200	13600	3580	8190	4680	586	3720	811
13	1570	3400	2250	8880	13200	10900	6490	7770	3280	1110	3410	641
14	2020	1850	2350	5930	13100	10400	7210	8240	879	1220	1790	3570
15	1250	2190	2600	6410	10800	10400	7980	4610	5480	1840	1580	2860
16	1770	1740	2020	4880	9310	10400	5310	3960	5390	900	2640	1850
17	922	4450	3160	4250	4720	10300	4350	3330	4880	1290	6620	1670
18	566	3740	3760	9880	7380	9610	4770	5470	5270	895	4040	1230
19	766	2240	2110	11100	9360	4890	8530	7890	2030	629	4320	1220
20	1120	2460	965	10600	11900	7150	11800	3920	1240	3080	2730	785
21	1170	1260	753	10800	12100	9720	11800	3390	778	4970	2470	1190
22	724	3610	4180	11600	12200	9920	15400	3140	3820	3180	1860	1070
23	811	1590	1650	7200	11000	8920	12100	1890	3010	1210	2340	966
24	894	5720	4770	8760	9820	8030	10300	1660	2790	1160	3170	872
25	1870	5360	875	10200	9520	8650	10100	671	5460	950	5300	1080
26	3250	2340	4330	11100	9150	3600	10300	1570	3500	671	3200	573
27	3470	1840	7050	7330	9900	5770	10100	2360	1230	1470	2230	1020
28	5480	674	6520	4940	9190	3630	9880	2630	3100	2450	1440	e900
29	1620	798	7020	10700	---	6340	10100	3390	3970	4030	2450	e1250
30	1940	1890	6590	11400	---	7940	9750	1930	e4450	4760	1470	901
31	3880	---	6640	13600	---	8660	---	1700	---	2590	2530	---
TOTAL	51298	79922	101323	220540	314870	259480	216640	163721	99417	57344	83602	37329
MEAN	1655	2664	3268	7114	11250	8370	7221	5281	3314	1850	2697	1244
MAX	5480	5720	7050	13600	14100	13600	15400	9150	5940	4970	6620	3570
MIN	566	674	753	920	4720	3600	2290	671	778	563	790	573
CFSM	.54	.87	1.07	2.33	3.69	2.74	2.37	1.73	1.09	.61	.88	.41
IN.	.63	.97	1.24	2.69	3.84	3.16	2.64	2.00	1.21	.70	1.02	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1998, BY WATER YEAR (WY)

	MEAN	3528	3635	4275	5408	6084	6367	5659	4372	3978	3319	3518	3087
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	998	
(WY)	1955	1955	1956	1956	1977	1988	1985	1986	1988	1986	1988	1954	

SANTEE RIVER BASIN

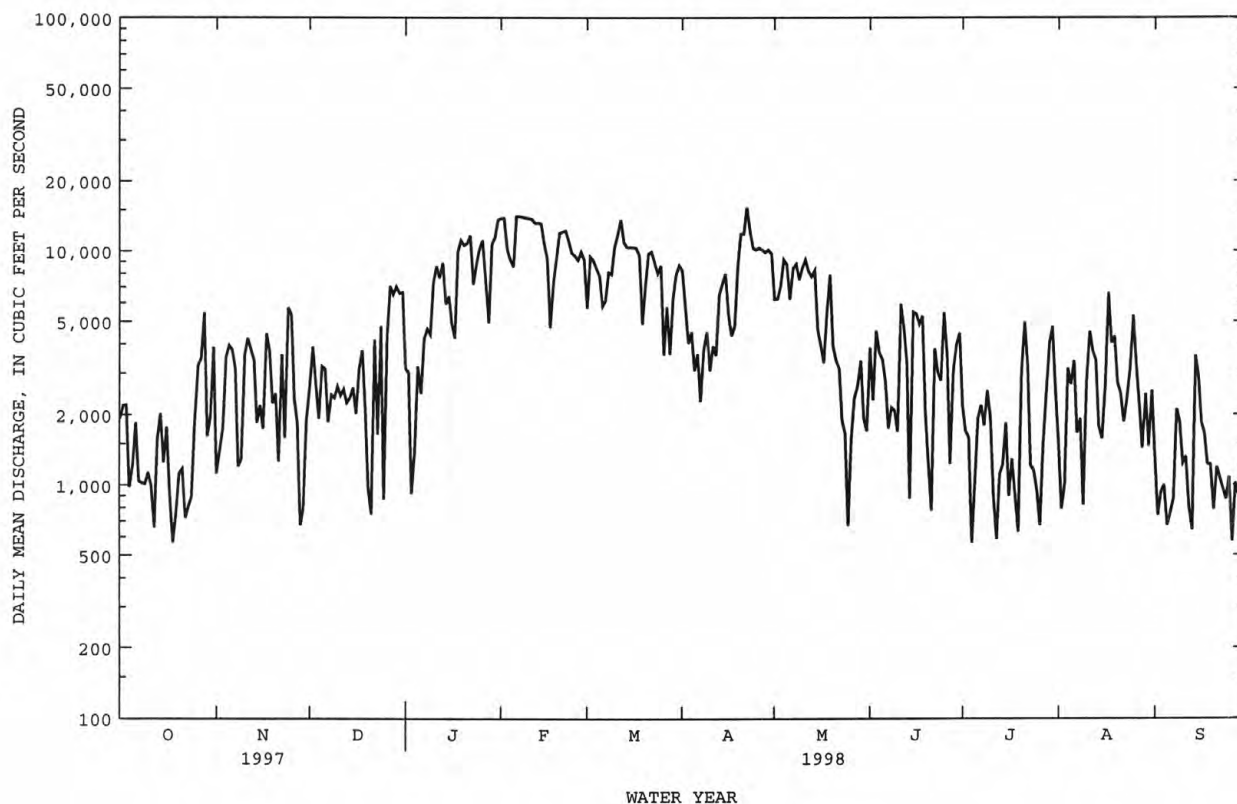
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02146000 CATAWBA RIVER NEAR ROCK HILL, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1896 - 1998	
ANNUAL TOTAL	1402640		1685486		4429	
ANNUAL MEAN	3843		4618		9635	1901
HIGHEST ANNUAL MEAN					2082	1955
LOWEST ANNUAL MEAN					127000	May 23 1901
HIGHEST DAILY MEAN	12700	Apr 30	15400	Apr 22	227	Apr 26 1986
LOWEST DAILY MEAN	566	Oct 18	563	Jul 4	541	Oct 19 1954
ANNUAL SEVEN-DAY MINIMUM	835	Aug 29	864	Oct 18	* 151000	May 23 1901
INSTANTANEOUS PEAK FLOW			16400	Mar 12	* 24.15	May 23 1901
INSTANTANEOUS PEAK STAGE			8.24	Mar 12	1.45	
ANNUAL RUNOFF (CFSM)	1.26		1.51		19.73	
ANNUAL RUNOFF (INCHES)	17.11		20.56		8690	
10 PERCENT EXCEEDS	7270		10300		3620	
50 PERCENT EXCEEDS	3490		3390		920	
90 PERCENT EXCEEDS	997		944			

e Estimated

* Site and datum then in use.



SANTEE RIVER BASIN

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 mi², 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 ft³).

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1670	3110	3320	4650	14300	6100	9890	9190	3670	2710	3790	2320
2	2620	2510	5390	4550	14200	9880	5410	7150	2680	2040	1080	833
3	3170	2250	3360	2130	12200	9550	5700	7200	4290	1920	1090	1390
4	1610	3300	3540	1700	14100	9560	7210	9550	5080	1280	2910	7470
5	1570	4070	2470	3160	12700	8060	3870	9700	4380	1030	3190	4390
6	1680	4520	4380	4070	15500	6990	4870	7160	4410	1490	4010	1370
7	1990	4380	3160	6300	14800	6280	3140	8260	2250	3300	2550	1090
8	1150	2120	3100	7740	14500	10800	3380	9460	2300	1880	3480	2160
9	1220	1300	2590	7130	14400	16200	11200	8860	2660	2080	2220	2410
10	1120	3030	3290	7230	14200	13200	11500	8950	2770	3050	3290	1490
11	1280	5060	3860	9150	14000	12100	5180	9460	6240	1490	5570	1870
12	1240	4220	3330	8470	13800	13400	3890	8920	5600	950	4520	1100
13	983	4150	2780	9960	13600	12400	6290	8780	5390	1010	4290	822
14	2700	4290	2710	5710	13400	10800	8210	8450	1330	e1310	2720	2940
15	2110	4030	3550	8380	11800	10800	8380	5660	4510	e2100	2080	3760
16	2350	1860	1990	9110	9800	10700	7080	4610	5400	e1050	4240	2350
17	1200	4390	3440	10700	11900	10600	7440	4570	6040	1490	7170	1900
18	812	5310	4090	10700	10700	10800	8360	4380	5170	1390	4990	1850
19	2500	2630	3590	13700	10400	9940	9470	8480	4210	1000	5460	1140
20	3900	2970	1330	13800	12300	8090	13500	5990	1460	1980	3750	1180
21	1560	1790	1100	11800	12600	11200	13700	2780	1310	7440	2680	1180
22	1130	6100	4970	12000	12600	10600	14600	4430	2750	4480	2730	2050
23	1290	4370	4750	11700	12100	10100	14800	2460	4390	2810	2220	1330
24	983	5070	7140	10200	11300	8380	11900	2350	2660	1380	3440	1250
25	2290	7290	8610	10900	10100	9660	10800	1030	6420	1900	4770	975
26	3730	3010	4910	11800	9680	5610	10600	1090	4310	2070	3900	1130
27	7270	2600	9370	11700	10400	5270	10600	2580	2100	5880	3190	867
28	6200	1150	7010	13700	10500	4810	10400	2930	2190	11200	2710	998
29	2740	1050	8070	12500	---	6520	10600	3790	4800	4580	1280	1080
30	2390	1730	8270	11900	---	7870	10400	2840	5190	5860	3230	1530
31	3220	---	7290	14000	---	9060	---	2750	---	3050	2210	---
TOTAL	69678	103660	136760	280540	351880	295330	262370	183810	115960	85200	104760	56225
MEAN	2248	3455	4412	9050	12570	9527	8746	5929	3865	2748	3379	1874
MAX	7270	7290	9370	14000	15500	16200	14800	9700	6420	11200	7170	7470
MIN	812	1050	1100	1700	9680	4810	3140	1030	1310	950	1080	822
CFSM	.63	.98	1.25	2.56	3.55	2.69	2.47	1.67	1.09	.78	.95	.53
IN.	.73	1.09	1.44	2.95	3.70	3.10	2.76	1.93	1.22	.90	1.10	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1998, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998
MEAN	3868	4353	5492	8270	8682	8446	6226
MAX	7722	7780	8630	11270	12570	14200	10760
(WY)	1996	1993	1993	1993	1998	1993	1993
MIN	991	1606	3892	5985	5108	6182	2181
(WY)	1994	1994	1996	1997	1992	1995	1995

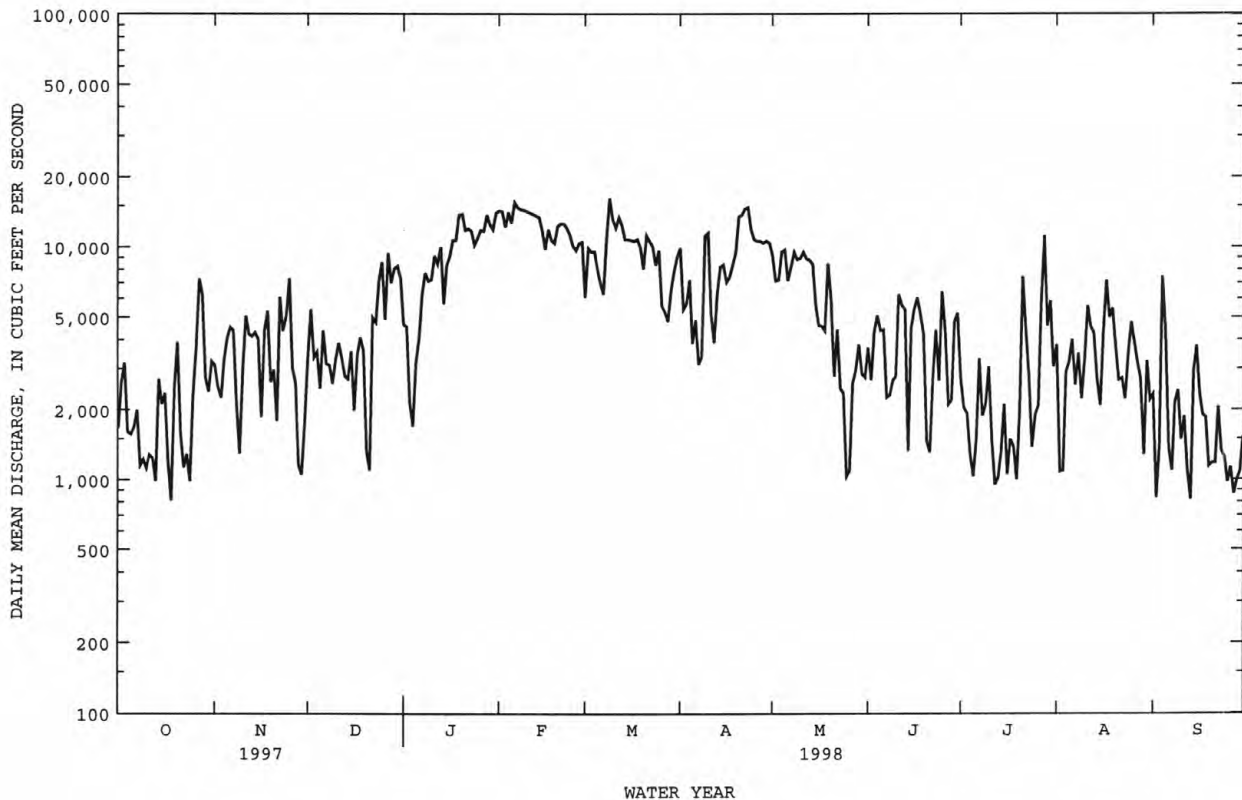
SANTEE RIVER BASIN

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02147020 CATAWBA RIVER BELOW CATAWBA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1992 - 1998	
ANNUAL TOTAL	1651703		2046173		5319	
ANNUAL MEAN	4525		5606		6874	1993
HIGHEST ANNUAL MEAN					4511	1994
LOWEST ANNUAL MEAN					35000	Mar 25 1993
HIGHEST DAILY MEAN	18500	Apr 29	16200	Mar 9	560	Oct 12 1993
LOWEST DAILY MEAN	727	Sep 1	812	Oct 18	807	Oct 9 1993
ANNUAL SEVEN-DAY MINIMUM	1180	Aug 20	1090	Sep 23	49300	Mar 25 1993
INSTANTANEOUS PEAK FLOW			18300	Apr 10	20.86	Mar 25 1993
INSTANTANEOUS PEAK STAGE			12.76	Apr 10	435	Oct 24 1996
INSTANTANEOUS LOW FLOW			495	May 26	1.50	
ANNUAL RUNOFF (CFSM)	1.28		1.58		20.42	
ANNUAL RUNOFF (INCHES)	17.36		21.50			
10 PERCENT EXCEEDS	7790		11800		10200	
50 PERCENT EXCEEDS	4100		4380		4410	
90 PERCENT EXCEEDS	1290		1280		1250	

e Estimated



SANTEE RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	66	164	215	233	219	116	402	46	21	65	21
2	16	73	187	178	194	174	111	232	41	18	21	14
3	15	61	126	153	557	150	121	159	39	21	15	1580
4	15	51	110	136	3380	132	473	239	35	19	13	6820
5	15	44	98	125	3240	123	258	150	50	18	12	1160
6	15	42	85	1380	797	121	169	119	97	17	12	264
7	14	42	78	852	501	130	139	112	59	15	12	148
8	14	41	74	867	373	1810	123	132	47	15	22	128
9	13	39	84	802	288	4180	3270	108	41	15	27	150
10	13	37	111	363	232	925	2270	96	41	14	32	83
11	14	37	157	250	202	451	491	114	47	14	29	64
12	14	37	120	195	195	340	326	96	42	13	19	53
13	14	207	101	173	159	245	226	83	36	12	24	47
14	14	1750	92	149	139	202	204	77	33	12	144	42
15	17	387	84	191	125	174	220	75	30	11	67	39
16	18	186	78	1260	160	152	176	71	28	12	63	37
17	17	124	75	2070	1850	139	1450	68	26	16	207	34
18	19	99	72	543	870	141	2170	65	25	18	70	33
19	e200	88	70	1440	389	802	1520	61	35	16	36	31
20	e75	80	68	1440	272	448	965	56	106	27	26	30
21	e30	80	67	496	209	293	489	53	71	16	21	79
22	27	448	273	330	176	213	343	51	55	14	19	226
23	26	294	474	1140	338	171	428	49	39	12	18	79
24	23	158	1330	739	330	159	356	49	32	12	17	56
25	22	114	3030	403	216	146	229	50	28	14	17	48
26	775	97	648	285	175	133	178	46	25	30	16	42
27	603	88	546	1730	233	126	150	43	23	19	13	37
28	139	79	618	3230	291	120	132	43	21	18	11	33
29	82	75	412	675	---	114	119	43	25	19	11	33
30	62	110	440	433	---	109	140	44	52	16	10	35
31	53	---	298	302	---	107	---	51	---	23	24	---
TOTAL	2394	5034	10170	22545	16124	12749	17362	3037	1275	517	1093	11446
MEAN	77.2	168	328	727	576	411	579	98.0	42.5	16.7	35.3	382
MAX	775	1750	3030	3230	3380	4180	3270	402	106	30	207	6820
MIN	13	37	67	125	125	107	111	43	21	11	10	14
CFSM	.40	.86	1.69	3.75	2.97	2.12	2.98	.50	.22	.09	.18	1.97
IN.	.46	.97	1.95	4.32	3.09	2.44	3.33	.58	.24	.10	.21	2.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1998, BY WATER YEAR (WY)

	MEAN	149	110	163	341	369	409	262	114	92.4	94.9	113	102
MAX	1099	647	544	839	912	1160	791	347	615	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	

SANTEE RIVER BASIN

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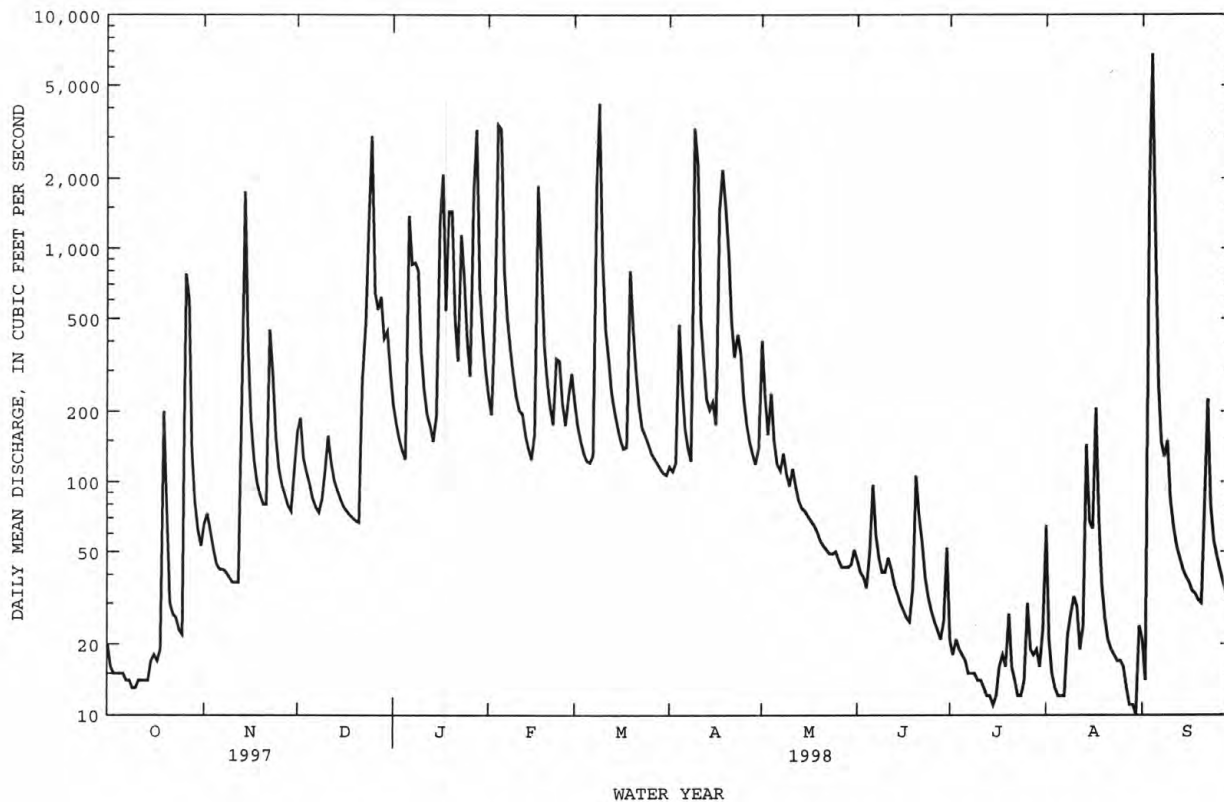
02147500 ROCKY CREEK AT GREAT FALLS, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1951 - 1998	
ANNUAL TOTAL	72724.9		103746		194	
ANNUAL MEAN	199		284		315	
HIGHEST ANNUAL MEAN					84.8	
LOWEST ANNUAL MEAN					21100	
HIGHEST DAILY MEAN	8620	Jul 24	6820	Sep 4	.04	Aug 24 1967
LOWEST DAILY MEAN	9.3	Sep 23	10	Aug 30	.04	Oct 6 1954
ANNUAL SEVEN-DAY MINIMUM	10	Sep 3	13	Jul 10	.04	Oct 6 1954
INSTANTANEOUS PEAK FLOW			8090	Sep 4	31300	Aug 23 1967
INSTANTANEOUS PEAK STAGE			9.02	Sep	18.82	Aug 23 1967
INSTANTANEOUS LOW FLOW			9.9	** Aug 30	.04	Oct 6 1954
ANNUAL RUNOFF (CFSM)	1.03		1.47		1.00	
ANNUAL RUNOFF (INCHES)	13.95		19.89		13.57	
10 PERCENT EXCEEDS	405		630		359	
50 PERCENT EXCEEDS	72		85		67	
90 PERCENT EXCEEDS	15		16		18	

e Estimated

* Also occurred on Oct. 7 - 13, 1954.

** Also occurred on Aug. 31.



Santee River Basin

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 mi², 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 ft³).

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 ft³/s, from rating curve extended above 122,000 ft³/s, as explained in footnote below.

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	1480	4080	4770	7550	17600	11800	10900	13400	3370	2870	3820	1240
2	2080	3050	7970	7250	17200	12600	9870	11200	2700	2340	3440	1890
3	1880	2880	5180	3120	17500	13000	10500	10100	3360	2080	3600	5940
4	1870	4480	5420	2270	22900	11700	10500	10900	5290	1380	2660	13300
5	1200	4280	4360	4380	35300	6210	11300	11100	7650	2230	2940	12800
6	1470	6380	5060	8200	29600	8510	8480	11200	9270	2060	4470	12100
7	3480	6980	5840	16600	24800	8830	6910	10200	3770	1560	2420	9700
8	1300	4020	4820	17900	21900	12200	6020	9990	2890	1470	3290	7090
9	1460	3650	3670	14900	19700	19900	12200	10200	2770	2180	4590	7130
10	1130	4260	4020	13400	18400	25200	16700	9990	1390	2040	3980	5710
11	1630	3220	4600	13100	17800	22900	17100	10800	5900	1060	4400	3230
12	1460	5090	5180	12400	17200	19800	14900	10300	7170	1390	6340	1960
13	1940	6850	3930	11800	16900	18100	8520	10300	6140	965	5780	2070
14	2060	7770	3630	12800	16800	17300	9550	10800	3020	1070	5030	2990
15	1400	9140	4840	11400	16700	17000	11400	10400	3610	1180	3110	1980
16	2140	9320	4300	12100	16700	16700	8690	7400	4900	1960	1830	2680
17	1970	6000	4050	15800	18200	16800	14000	5410	6700	1540	4210	3000
18	1270	6930	2970	16700	18200	17500	17000	6170	5450	1190	6230	1610
19	2730	7650	3790	17000	17700	20800	17700	7160	3420	1770	6850	1810
20	4910	6380	2110	17100	17300	20300	17500	7970	1950	2060	6250	1830
21	3640	4430	1880	16900	17000	17100	17200	6960	2930	4370	5260	3100
22	2360	5240	5450	16700	16900	15700	17000	4900	4960	3980	3670	3850
23	1520	6890	8160	17600	17000	16800	16900	3320	3670	2520	4470	4190
24	1530	7110	13000	17800	17000	14500	17000	3350	4220	3080	5700	2110
25	1710	6750	14500	17500	16900	9890	16800	3040	7210	3110	6400	2760
26	4600	7210	15600	17100	16700	8670	16100	3090	6780	2290	5180	1800
27	12800	3690	16500	18200	14600	7960	15300	3670	3420	4340	4730	2350
28	12800	1960	16300	20500	13200	8930	10600	3110	1350	10100	2730	1840
29	5010	5550	11400	22600	---	7930	12400	3350	2780	8820	3210	2470
30	5010	3300	13100	21300	---	9500	13300	3130	5270	7590	1980	2290
31	4280	---	11200	19000	---	10200	---	3360	---	4140	1680	---
TOTAL	94120	164540	217600	440970	527700	444330	392340	236270	133310	88735	130250	126820
MEAN	3036	5485	7019	14220	18850	14330	13080	7622	4444	2862	4202	4227
MAX	12800	9320	16500	22600	35300	25200	17700	13400	9270	10100	6850	13300
MIN	1130	1960	1880	2270	13200	6210	6020	3040	1350	965	1680	1240
CFSM	.60	1.08	1.38	2.81	3.72	2.83	2.58	1.50	.88	.56	.83	.83
IN.	.69	1.21	1.60	3.24	3.87	3.26	2.88	1.73	.98	.65	.96	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1998, BY WATER YEAR (WY)

	MEAN	4922	5028	5915	8704	9270	9734	8360	5624	4799	4259	4550	4154
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	

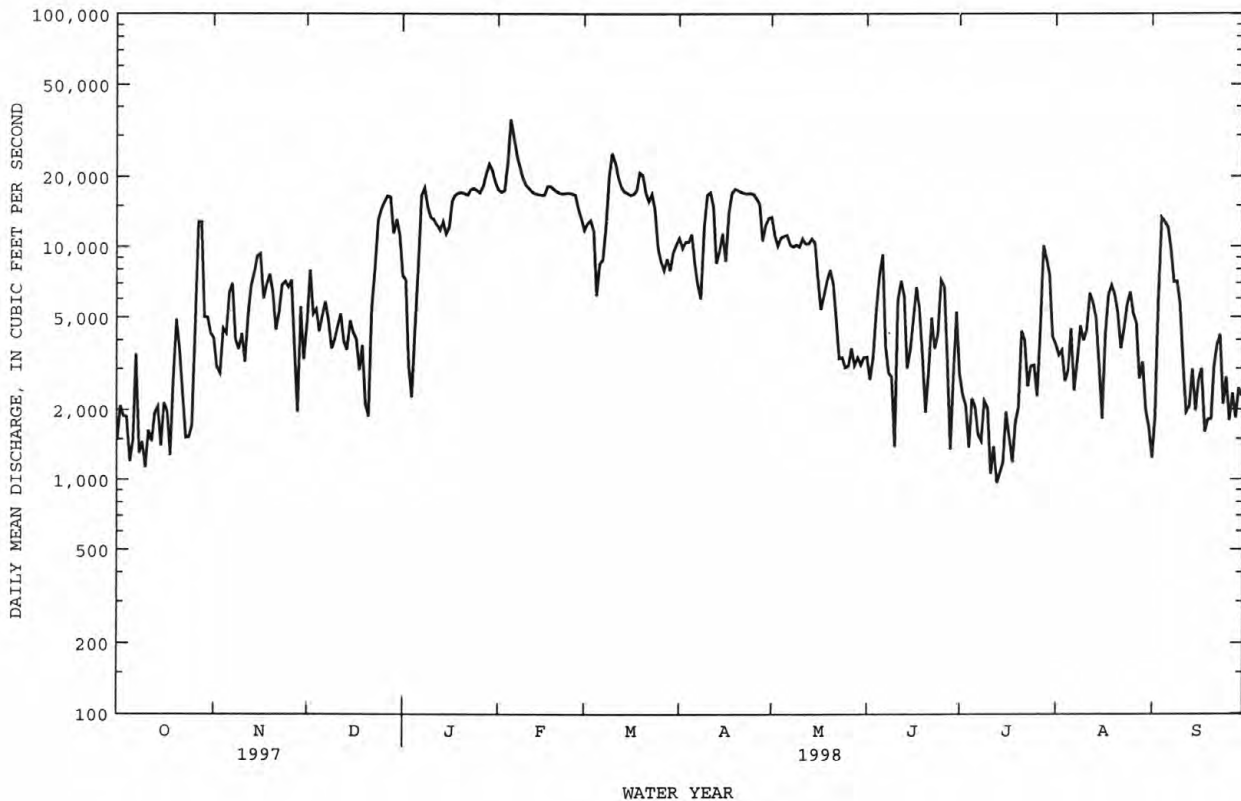
SANTEE RIVER BASIN

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02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	2122552		2996985		6262	
ANNUAL MEAN	5815		8211		9964	
HIGHEST ANNUAL MEAN					3241	
LOWEST ANNUAL MEAN					149000	
HIGHEST DAILY MEAN	32200	Jul 25	35300	Feb 5	149000	Oct 3 1929
LOWEST DAILY MEAN	631	Sep 6	965	Jul 13	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	1010	Aug 31	1310	Jul 11	279	Jul 1 1959
INSTANTANEOUS PEAK FLOW			37500	Feb 5	* 366000	Aug 26 1908
INSTANTANEOUS PEAK STAGE			26.29	Feb 5	* 39.70	Aug 26 1908
ANNUAL RUNOFF (CFSM)	1.15		1.62		1.24	
ANNUAL RUNOFF (INCHES)	15.57		21.99		16.78	
10 PERCENT EXCEEDS	12400		17200		13100	
50 PERCENT EXCEEDS	4860		6020		5010	
90 PERCENT EXCEEDS	1430		1880		1090	

* Site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft³/s, on basis of computations, by Duke Energy Corporation, of peak flow of 382,000 ft³/s over dam at Rocky Creek Reservoir.



SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

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.--USGS mini-monitor, data collection platform and Hydrolab (Hydrolab installed 1997).

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 272 microsiemens, Dec. 28, 1993; minimum, 45 microsiemens, Mar. 9, 1995.

pH: Maximum, 8.5 units, Aug. 21, 1997; minimum, 6.2 units, Feb. 25, 26, 1993, several days in 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, 201 microsiemens, Nov. 21; minimum, 49 microsiemens, Aug. 8.

pH: Maximum, 8.0 units, Aug. 26, Sept. 2; minimum, 6.5 units, Mar. 19, 20, Apr. 19, 24 - 26.

WATER TEMPERATURE: Maximum, 32.0°C, June 28, 29; minimum, 6.5°C, Jan. 1, 3.

DISSOLVED OXYGEN: Maximum, 10.3 mg/L, Dec. 13; minimum, 2.1 mg/L, July 13.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	141	123	132	184	154	177	182	115	160	148	128	142
2	149	130	138	185	159	176	183	158	175	151	141	147
3	145	133	140	190	153	177	183	164	179	147	130	141
4	148	139	144	190	164	182	184	170	181	145	127	139
5	150	140	145	189	163	179	185	165	181	147	131	142
6	157	134	147	191	169	185	185	172	181	146	117	129
7	159	151	157	192	168	186	186	176	183	122	114	119
8	162	150	156	193	176	187	184	178	182	119	112	114
9	168	154	162	190	175	186	184	167	180	121	113	119
10	172	155	165	193	179	187	185	169	179	129	115	125
11	173	162	169	194	173	188	185	168	180	133	123	129
12	178	163	172	196	162	190	186	172	181	135	119	130
13	186	168	178	194	165	185	186	155	181	134	128	131
14	179	162	175	191	106	176	186	176	183	132	126	131
15	184	152	167	192	177	187	186	173	184	131	121	128
16	172	152	162	194	172	190	188	167	185	125	114	120
17	173	138	160	194	172	187	187	182	185	122	115	119
18	169	145	159	193	185	191	188	157	183	124	116	120
19	162	131	151	194	183	191	187	159	183	126	120	123
20	168	149	162	200	180	191	185	164	178	125	119	122
21	173	142	164	201	187	197	185	166	178	124	115	121
22	173	144	161	199	175	196	186	168	181	122	119	121
23	168	137	155	199	188	197	185	149	179	119	105	110
24	171	138	157	198	192	196	186	162	178	108	97	101
25	170	155	162	198	187	195	179	162	170	102	97	100
26	171	139	161	195	178	190	180	161	173	105	101	103
27	169	148	159	193	177	188	182	172	178	105	81	96
28	167	153	162	190	174	182	181	173	178	85	80	83
29	175	152	162	190	185	188	180	135	166	89	81	86
30	177	155	170	186	116	166	177	157	167	99	89	94
31	182	150	171	---	---	---	162	143	154	100	98	99
MONTH	186	123	159	201	106	186	188	115	178	151	80	119

SANTÉE RIVER BASIN

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02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	100	95	98	94	85	90	97	96	96	94	86	92
2	97	94	96	95	90	94	97	91	94	96	83	92
3	95	84	93	97	93	96	97	84	93	97	86	93
4	84	64	79	99	91	96	90	82	85	97	89	94
5	68	58	63	99	90	97	93	80	86	96	90	94
6	90	68	80	100	97	99	93	72	86	97	90	95
7	90	83	88	100	95	98	99	87	95	97	89	95
8	89	84	86	99	86	95	101	95	99	---	---	---
9	87	84	86	87	78	82	103	94	100	95	82	90
10	86	83	85	94	84	89	102	91	97	96	86	94
11	86	84	85	95	86	92	107	94	101	96	91	94
12	87	84	86	99	93	96	112	102	107	96	88	95
13	88	86	87	99	94	97	113	101	108	98	93	96
14	90	88	89	100	94	97	114	108	112	99	94	97
15	91	89	90	96	91	94	113	99	108	101	93	98
16	91	89	90	93	88	91	113	99	107	100	93	98
17	90	79	83	92	90	91	112	102	109	100	94	99
18	82	79	81	92	82	88	107	94	101	102	99	101
19	87	79	84	85	62	72	98	87	92	103	99	101
20	89	86	87	83	61	73	101	91	96	103	95	101
21	90	87	89	90	81	85	106	99	103	103	99	101
22	90	88	89	96	87	92	106	103	104	104	100	102
23	90	86	88	97	94	95	105	100	102	105	101	103
24	89	87	88	96	91	94	101	99	100	105	102	104
25	90	87	89	95	92	94	102	99	100	104	101	103
26	93	90	92	97	87	93	104	100	102	105	101	103
27	94	87	92	96	87	93	105	98	103	105	103	104
28	94	87	93	96	89	93	104	84	95	106	103	105
29	---	---	---	95	92	94	95	84	93	106	104	105
30	---	---	---	97	90	95	94	91	93	107	104	105
31	---	---	---	97	92	95	---	---	---	107	104	106
MONTH	100	58	87	100	61	92	114	72	99	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	107	100	105	122	114	117	120	101	111	99	86	94
2	---	---	---	122	114	119	118	110	115	102	93	99
3	110	98	108	122	112	119	119	110	115	149	68	104
4	---	---	---	122	113	118	118	106	112	101	67	83
5	---	---	---	125	113	122	117	106	113	117	99	110
6	116	96	107	123	116	122	117	109	114	140	114	124
7	103	85	97	124	113	121	116	108	112	140	120	129
8	106	93	101	125	113	121	130	49	98	127	108	118
9	108	98	104	124	120	122	126	86	100	121	106	117
10	109	85	99	125	120	123	107	89	99	121	106	113
11	108	99	105	124	117	121	109	87	101	121	100	109
12	110	103	107	125	119	123	154	95	120	114	93	102
13	112	101	107	125	115	122	152	138	147	113	85	100
14	118	100	110	125	118	123	143	131	138	114	98	108
15	118	110	114	125	118	122	143	83	122	114	104	109
16	113	108	111	123	115	119	113	64	90	114	99	111
17	117	106	113	121	108	116	141	99	128	116	103	112
18	113	105	111	120	105	112	142	128	137	117	92	107
19	113	96	108	120	111	116	142	132	138	115	83	106
20	113	95	105	120	92	109	140	90	95	118	97	109
21	115	101	109	119	107	116	98	88	94	120	114	117
22	117	110	114	117	105	112	96	86	92	122	117	120
23	117	109	113	117	110	115	97	89	95	124	114	121
24	119	105	114	117	108	113	109	93	97	123	105	113
25	123	110	117	118	110	114	110	90	97	128	89	114
26	121	112	118	117	112	115	98	92	97	128	104	117
27	122	109	117	122	113	118	98	90	95	128	116	124
28	124	110	119	117	115	116	99	90	95	129	104	116
29	125	113	120	117	114	115	113	93	100	129	112	123
30	126	116	122	119	113	117	102	91	96	127	116	123
31	---	---	---	118	107	113	100	86	94	---	---	---
MONTH	---	---	---	125	92	118	154	49	108	149	67	112

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

SANTÉE RIVER BASIN

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02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	22.0	23.0	18.5	18.0	18.0	13.5	12.0	12.0	8.0	6.5	7.5
2	25.0	21.0	23.0	19.0	17.0	18.0	12.5	11.5	11.5	8.5	7.0	7.5
3	25.5	21.0	22.5	18.5	16.0	17.0	12.0	10.5	11.5	9.5	6.5	7.5
4	26.5	21.5	22.5	18.0	15.0	17.0	12.0	11.5	12.0	9.5	7.0	8.0
5	25.0	21.0	23.0	18.0	14.5	17.0	12.0	10.5	11.5	9.0	8.0	8.0
6	25.5	22.0	23.5	17.5	16.0	17.0	11.5	10.5	11.0	9.0	8.0	8.5
7	25.5	22.0	23.0	17.0	16.0	16.5	11.0	10.0	10.5	9.0	8.5	9.0
8	25.5	21.5	23.0	17.0	16.0	16.5	10.5	10.0	10.5	10.0	9.0	9.5
9	25.0	21.5	23.0	17.5	14.5	16.0	10.5	9.5	10.0	10.0	9.5	9.5
10	25.5	22.0	23.0	17.0	15.0	16.0	10.5	10.0	10.0	10.0	9.5	9.5
11	25.0	22.0	23.0	17.0	14.0	16.0	10.5	9.5	10.0	10.0	9.5	9.5
12	24.0	22.0	22.5	16.0	13.5	15.5	10.0	10.0	10.0	10.0	9.5	10.0
13	23.5	20.5	22.0	15.5	14.0	15.0	10.0	9.5	10.0	10.5	10.0	10.5
14	24.5	22.0	22.5	15.0	12.5	14.5	10.0	9.5	9.5	11.0	10.5	10.5
15	22.5	21.0	21.5	15.0	14.0	14.5	10.0	8.5	9.0	10.5	10.0	10.5
16	22.0	20.5	21.5	14.5	13.0	14.0	11.0	8.5	9.5	10.5	10.0	10.0
17	21.5	20.0	21.0	14.0	12.0	13.5	10.5	8.0	9.0	10.5	10.0	10.5
18	21.0	19.5	20.0	13.5	12.5	13.0	10.5	8.0	9.0	10.5	10.0	10.0
19	20.0	19.0	20.0	13.5	12.5	13.0	10.5	8.5	9.0	10.0	9.5	9.5
20	21.5	19.5	20.5	13.5	12.0	12.5	10.5	7.5	9.0	9.5	9.0	9.0
21	21.5	19.0	20.5	13.0	11.5	12.5	10.5	8.0	9.0	9.0	8.5	8.5
22	20.0	18.5	19.5	13.0	12.0	12.5	9.0	8.5	9.0	9.0	8.5	8.5
23	20.5	17.5	19.0	13.5	12.5	12.5	9.0	9.0	9.0	9.0	8.5	8.5
24	20.0	16.5	18.0	13.0	11.5	12.5	9.0	9.0	9.0	9.0	8.5	9.0
25	21.5	19.0	20.0	12.5	11.5	12.0	9.5	9.0	9.0	9.0	8.0	8.5
26	20.0	19.0	19.5	12.5	10.5	11.5	9.0	8.5	9.0	8.5	8.0	8.0
27	19.5	19.0	19.5	13.0	11.0	12.0	9.0	8.5	9.0	8.0	8.0	8.0
28	19.5	18.0	19.0	13.0	10.0	11.5	9.0	8.5	8.5	8.0	8.0	8.0
29	19.5	17.0	18.0	12.0	11.5	11.5	8.5	8.0	8.0	8.5	8.0	8.0
30	19.0	17.0	18.0	12.5	11.5	12.0	8.5	8.0	8.0	8.5	8.0	8.0
31	18.5	16.0	17.5	---	---	---	8.0	7.5	8.0	8.5	8.0	8.0
MONTH	26.5	16.0	21.0	19.0	10.0	14.4	13.5	7.5	9.7	11.0	6.5	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	8.0	8.0	12.5	11.5	12.0	13.5	12.5	13.0	19.0	18.5	18.5
2	8.0	8.0	8.0	12.5	11.5	12.0	16.0	13.0	14.5	19.5	18.0	19.0
3	8.0	8.0	8.0	12.0	11.5	12.0	15.5	15.0	15.0	20.0	18.5	19.0
4	8.0	8.0	8.0	12.0	11.0	11.5	16.5	14.5	15.5	20.0	19.0	19.0
5	8.0	8.0	8.0	12.0	11.0	11.0	16.5	15.5	16.0	20.0	19.0	19.5
6	8.0	8.0	8.0	11.5	11.0	11.5	17.0	15.0	16.0	20.5	19.0	19.5
7	8.0	8.0	8.0	11.5	11.0	11.5	17.0	15.0	16.0	19.5	19.0	19.5
8	8.0	8.0	8.0	12.0	11.5	11.5	17.5	16.0	16.5	20.0	19.0	19.5
9	8.0	8.0	8.0	12.5	12.0	12.0	17.5	16.0	16.5	21.5	20.0	20.5
10	8.5	7.5	8.0	12.0	11.5	11.5	17.5	17.0	17.5	21.0	20.5	20.5
11	8.0	8.0	8.0	11.5	10.5	11.0	17.5	16.5	17.0	21.5	20.5	20.5
12	8.5	8.0	8.0	11.0	10.5	10.5	17.5	17.0	17.5	22.0	20.5	21.0
13	8.5	8.0	8.5	11.5	10.0	10.5	18.0	16.5	17.0	22.0	21.0	21.5
14	9.0	8.0	8.5	11.5	10.5	11.0	17.0	16.5	17.0	22.0	21.0	21.5
15	9.0	8.5	8.5	11.5	11.0	11.5	17.5	16.5	17.0	22.5	21.0	21.5
16	8.5	8.5	8.5	11.5	11.0	11.5	18.0	17.0	17.5	22.5	21.0	21.5
17	9.5	8.5	9.0	11.0	11.0	11.0	18.0	17.5	17.5	23.5	21.0	22.0
18	10.0	9.5	9.5	11.0	10.5	10.5	18.0	18.0	18.0	23.0	21.0	22.0
19	10.0	9.5	9.5	11.5	10.5	11.0	18.0	18.0	18.0	23.5	21.0	22.0
20	10.5	9.5	10.0	12.0	11.5	11.5	19.0	18.0	18.5	23.5	21.5	22.5
21	10.5	10.0	10.5	11.5	11.5	11.5	18.5	18.5	18.5	24.0	22.0	23.0
22	10.5	10.0	10.5	12.0	11.0	11.5	19.0	18.0	18.5	24.5	22.0	23.0
23	10.5	10.0	10.5	12.0	11.0	11.5	18.5	18.0	18.5	25.0	22.0	23.0
24	11.0	10.0	10.5	12.0	11.5	12.0	18.5	18.0	18.5	24.0	22.0	22.5
25	11.0	10.5	10.5	12.0	11.5	11.5	19.0	18.0	18.5	25.5	22.0	23.5
26	11.0	10.5	11.0	12.5	11.0	12.0	19.0	18.5	18.5	26.0	22.5	24.0
27	11.0	10.5	11.0	13.0	11.5	12.0	19.5	18.5	19.0	25.0	22.5	23.5
28	12.0	11.0	11.5	14.0	11.5	12.5	19.5	18.5	19.0	24.0	22.5	23.0
29	---	---	---	14.0	12.0	13.0	19.0	18.0	18.5	25.0	22.5	23.5
30	---	---	---	13.5	12.5	13.0	18.5	18.5	18.5	25.0	22.5	23.5
31	---	---	---	13.5	12.5	13.0	---	---	---	26.0	23.0	24.0
MONTH	12.0	7.5	9.1	14.0	10.0	11.6	19.5	12.5	17.3	26.0	18.0	21.5

SANTÉE RIVER BASIN

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02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.1	5.2	5.7	7.4	5.9	6.2	8.7	7.3	7.6	9.3	7.8	8.7
2	7.2	4.9	5.7	7.5	5.8	6.5	8.1	7.0	7.3	8.9	8.1	8.6
3	7.7	5.3	5.8	7.8	6.1	6.8	8.3	7.0	7.4	9.6	8.0	8.6
4	7.9	5.4	5.9	7.3	6.0	6.5	7.7	7.0	7.3	9.2	8.1	8.6
5	7.2	5.3	6.1	8.2	6.3	6.6	8.3	7.1	7.7	8.9	8.2	8.5
6	7.5	5.4	6.4	6.9	6.4	6.6	9.6	7.4	7.9	9.2	7.6	8.2
7	7.6	4.9	5.6	6.8	6.3	6.5	8.3	7.6	7.9	7.9	7.1	7.6
8	7.2	4.6	5.5	7.8	6.4	6.8	8.6	7.7	8.1	7.6	6.8	7.3
9	7.5	4.8	5.9	7.9	6.2	6.8	9.3	7.5	8.1	7.8	7.0	7.4
10	8.1	4.6	5.7	8.0	6.5	6.8	8.8	7.8	8.3	8.2	7.4	7.9
11	8.3	4.6	5.8	8.1	6.3	6.8	8.9	7.7	8.0	8.3	7.7	8.0
12	8.3	4.4	5.4	7.5	6.3	6.5	9.4	7.7	8.1	8.3	7.4	7.9
13	6.6	3.9	5.0	7.7	6.3	6.6	10.3	7.9	8.3	8.1	7.3	7.8
14	7.7	3.8	5.1	8.5	6.3	6.8	9.2	8.1	8.4	7.8	6.8	7.3
15	6.7	4.8	5.5	7.0	6.4	6.6	9.3	7.5	8.4	7.9	6.9	7.3
16	7.4	5.2	6.0	7.0	6.6	6.8	8.5	7.1	7.9	7.8	6.8	7.3
17	7.0	5.1	5.7	7.9	6.7	7.2	9.4	7.5	8.0	7.5	6.6	7.0
18	7.1	4.9	5.8	7.4	6.8	7.1	8.7	7.0	7.7	7.3	6.5	6.9
19	7.4	5.5	6.1	7.2	6.8	7.0	8.8	7.1	7.8	7.7	6.6	7.2
20	6.3	5.1	5.6	8.6	6.8	7.2	9.3	7.6	8.4	7.9	7.0	7.4
21	7.5	5.0	5.6	8.0	6.9	7.2	9.7	7.4	8.3	8.1	7.4	7.7
22	7.8	5.0	5.6	8.1	6.8	7.2	9.3	7.3	8.1	8.1	7.4	7.7
23	8.5	5.5	6.1	7.6	6.9	7.1	8.8	7.5	7.9	8.0	7.1	7.6
24	8.6	5.3	6.3	7.7	6.9	7.2	8.2	7.6	7.9	7.8	7.3	7.5
25	8.1	5.3	6.3	7.8	6.9	7.2	8.3	7.6	8.0	8.1	7.3	7.6
26	6.7	5.2	5.8	7.6	6.9	7.1	8.3	7.8	8.0	8.3	7.5	7.8
27	6.9	5.0	5.4	9.0	6.8	7.5	8.4	7.6	8.1	8.3	7.6	7.9
28	6.2	5.5	5.9	9.3	7.3	8.0	8.5	7.8	8.2	8.0	7.6	7.7
29	7.4	5.8	6.4	7.9	7.1	7.3	8.9	7.9	8.4	8.1	7.6	7.8
30	6.7	5.9	6.2	8.7	7.1	7.6	8.6	7.8	8.3	8.2	7.5	7.8
31	6.9	5.7	6.1	---	---	---	8.7	7.8	8.4	8.0	7.6	7.8
MONTH	8.6	3.8	5.8	9.3	5.8	6.9	10.3	7.0	8.0	9.6	6.5	7.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.1	7.6	7.9	9.1	8.8	9.0	8.3	8.1	8.1	7.0	6.8	6.9
2	8.3	7.8	8.0	9.4	8.8	8.9	8.1	7.8	8.0	7.1	6.8	7.0
3	8.3	7.8	8.1	9.0	8.8	8.8	8.1	7.4	7.8	7.2	6.9	7.0
4	8.3	7.9	8.1	8.9	8.7	8.8	7.7	7.4	7.6	7.2	6.8	7.0
5	8.5	7.8	8.1	9.1	8.6	8.8	7.9	7.3	7.6	7.4	6.9	7.1
6	8.1	7.7	7.9	9.2	8.6	8.7	7.8	7.3	7.5	7.1	6.7	6.9
7	8.4	7.7	8.0	8.8	8.6	8.7	7.5	7.1	7.3	6.9	6.4	6.7
8	8.3	7.7	8.0	8.9	8.6	8.8	7.4	6.9	7.0	6.8	6.3	6.6
9	8.3	7.7	8.1	8.9	8.8	8.8	7.1	6.6	6.8	7.5	6.7	7.0
10	8.3	7.8	8.0	9.1	8.9	9.0	7.2	6.9	7.1	6.9	6.5	6.7
11	8.5	7.8	8.1	9.4	7.6	8.7	7.6	7.2	7.4	7.1	6.4	6.7
12	8.4	8.1	8.2	8.6	7.5	8.0	7.7	7.3	7.4	7.4	6.5	6.9
13	8.7	8.3	8.5	9.8	8.6	9.3	7.7	7.0	7.4	7.3	6.6	6.8
14	9.2	8.7	8.9	9.5	9.3	9.4	7.2	7.0	7.1	6.9	6.3	6.6
15	9.4	8.9	9.2	9.3	9.0	9.2	7.2	6.9	7.1	6.9	6.2	6.5
16	9.6	9.3	9.4	9.1	8.8	8.9	7.1	6.6	6.9	6.8	5.9	6.3
17	9.6	9.4	9.5	9.0	8.8	8.9	6.9	6.5	6.7	7.4	5.8	6.4
18	9.6	9.4	9.5	9.6	9.0	9.3	6.6	6.4	6.5	6.9	5.7	6.2
19	9.8	9.5	9.7	9.7	8.9	9.4	6.4	5.8	6.0	6.9	5.6	6.2
20	9.9	9.6	9.8	9.0	8.7	8.8	6.4	6.0	6.2	6.7	5.8	6.1
21	9.9	9.7	9.8	9.1	8.7	8.9	6.3	6.2	6.2	6.9	5.7	6.1
22	9.9	9.7	9.8	9.2	8.9	9.1	6.3	6.1	6.2	7.6	5.3	6.1
23	9.8	9.6	9.7	9.2	9.0	9.1	6.4	6.2	6.3	8.0	5.3	6.3
24	9.7	9.5	9.6	9.2	8.8	9.1	6.3	6.2	6.3	7.7	5.3	6.0
25	9.7	9.4	9.6	9.4	9.2	9.3	6.3	6.2	6.2	8.3	5.2	6.5
26	9.6	9.3	9.5	9.5	9.3	9.4	6.3	6.1	6.2	8.2	5.4	6.4
27	9.4	9.2	9.3	9.4	9.1	9.2	6.8	6.3	6.5	8.1	5.0	5.7
28	9.3	9.1	9.2	9.1	8.6	8.9	6.8	6.5	6.7	7.6	5.2	6.0
29	---	---	---	8.7	8.5	8.6	6.7	6.5	6.6	7.7	5.1	5.7
30	---	---	---	8.6	8.2	8.4	6.9	6.6	6.7	7.6	4.8	5.7
31	---	---	---	8.4	8.2	8.3	---	---	---	7.3	4.5	5.4
MONTH	9.9	7.6	8.8	9.8	7.5	8.9	8.3	5.8	6.9	8.3	4.5	6.4

SANTEE RIVER BASIN

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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 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft³/s only.

GAGE.--Data collection platform. Datum of gage is 77.43 ft above sea level (South Carolina Electric and Gas Company benchmark).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³/s). Discharge represents only that portion of the flow confined to the main channel; less than about 10,000 ft³/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 10,000 ft³/s are not shown for Dec 25 - 31, Jan 1, 8 - 31, Feb 1 - 28, Mar 1 - 5, 9 - 26, Apr 11 - 14, 18 - 30, May 1 - 3, Sep 6 - 7.

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	2290	4870	4560	---	---	---	9080	---	3030	3870	5220	2100
2	2060	4620	4660	9570	---	---	9330	---	3080	3850	4320	1930
3	2150	3760	6860	8230	---	---	9230	---	3080	2750	3750	1900
4	2280	3310	6050	5620	---	---	9580	9880	3040	2330	3150	5230
5	2160	3890	5470	3710	---	---	9850	9730	4300	2150	3280	9750
6	1960	4500	4890	4070	---	8890	9930	9670	6530	1990	2870	---
7	1590	5600	5190	7600	---	8610	9410	9660	7640	2520	3890	---
8	2610	6370	5380	---	---	8950	8240	9540	5120	2880	3200	9800
9	2560	4970	5290	---	---	---	7700	9390	3580	2200	3310	8400
10	1770	3960	4430	---	---	---	9430	9370	3210	2480	4420	7590
11	1640	3920	4150	---	---	---	---	9270	2680	2870	4310	6450
12	1600	3690	4590	---	---	---	---	9390	4080	2480	3960	4590
13	1790	4410	5380	---	---	---	---	9300	6480	2170	5490	3140
14	1830	6560	4710	---	---	---	---	9230	6040	2330	5650	2740
15	2410	7370	3950	---	---	---	9920	9330	4060	2030	5160	2900
16	2150	8250	4440	---	---	---	9930	9080	3400	2190	4460	2870
17	2470	8460	4650	---	---	---	9530	7970	4280	2250	3000	2580
18	2560	7080	4320	---	---	---	---	6410	5590	2290	3520	2950
19	2480	6790	3640	---	---	---	---	5850	5350	1840	5650	2880
20	2760	7320	3960	---	---	---	---	6780	4510	1810	6280	2000
21	4400	6680	3050	---	---	---	---	7250	2810	1940	5960	2110
22	4400	5200	2520	---	---	---	---	6760	2550	3190	5260	2570
23	3550	5300	4190	---	---	---	---	5490	3760	4140	4300	3600
24	2800	6450	7620	---	---	---	---	3850	4170	3050	4160	3790
25	2280	6810	---	---	---	---	---	3210	3680	2790	5160	3570
26	2340	6820	---	---	---	---	---	3100	5890	3410	5770	2630
27	3730	6820	---	---	---	9840	---	2930	6160	2810	5140	2550
28	8910	5130	---	---	---	9100	---	3120	4660	3500	4770	2370
29	9860	3400	---	---	---	8890	---	3120	2730	7380	3630	2230
30	7440	4350	---	---	---	8200	---	3000	2070	7760	3110	2520
31	5560	---	---	---	---	8530	---	3050	---	7080	2990	---
TOTAL	98390	166660	---	---	---	---	---	---	127560	96330	135140	---
MEAN	3174	5555	---	---	---	---	---	---	4252	3107	4359	---
MAX	9860	8460	---	---	---	---	---	---	7640	7760	6280	---
MIN	1590	3310	---	---	---	---	---	---	2070	1810	2870	---
CFSM	.57	.99	---	---	---	---	---	---	.76	.56	.78	---
IN.	.65	1.11	---	---	---	---	---	---	.85	.64	.90	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1998, BY WATER YEAR (WY)

MIN	1650	1623	2885	4046	3048	3635	2344	1440	1350	1507	1627	1729
(WY)	1994	1982	1989	1989	1977	1981	1985	1986	1988	1986	1988	1997

SANTEE RIVER BASIN

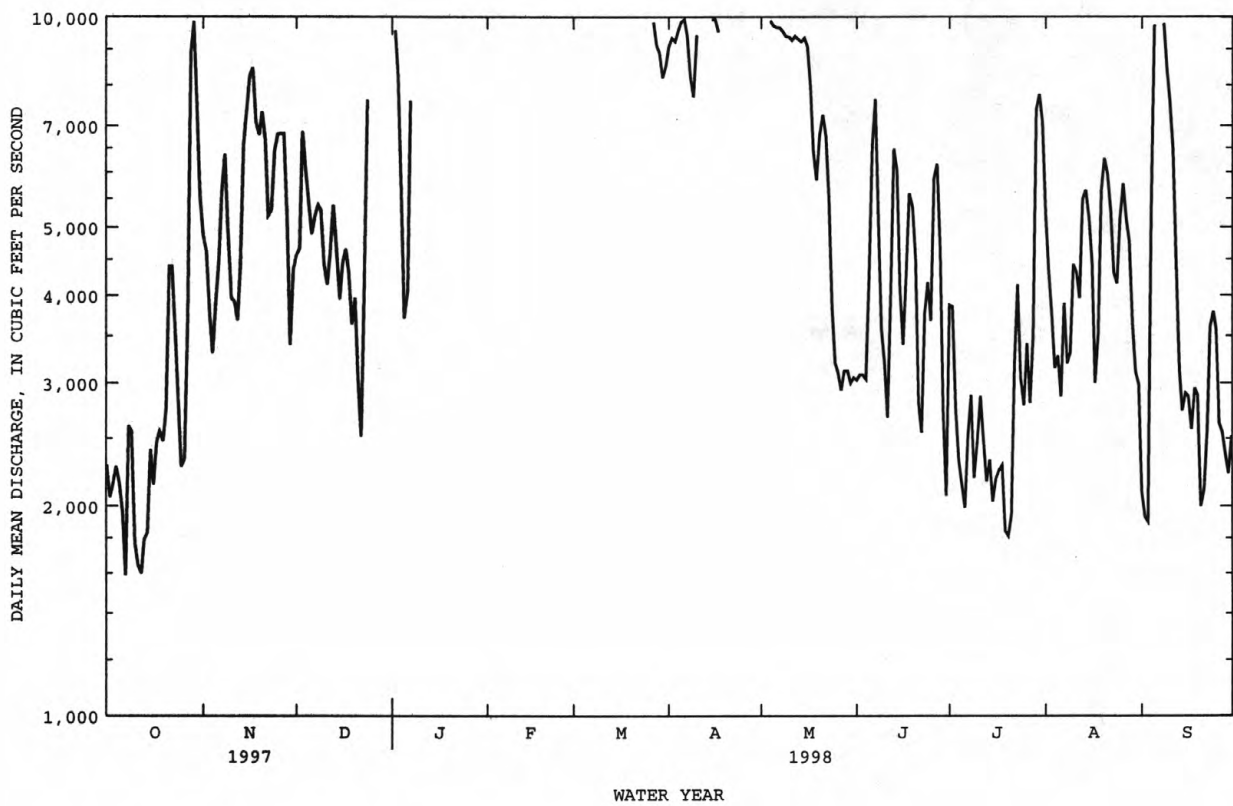
02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SUMMARY STATISTICS

FOR 1998 WATER YEAR

WATER YEARS 1968 - 1998

LOWEST DAILY MEAN	1590	Oct 7	549	Oct 22 1986
INSTANTANEOUS PEAK FLOW	Unknown	Feb 8	Unknown	Oct 6 1989
INSTANTANEOUS PEAK STAGE	15.19	Feb 8	17.98	Oct 6 1989



SANTÉE RIVER BASIN

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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.--USGS mini-monitor, data collection platform and Hydrolab.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 305 microsiemens, Sept. 18, 1992; minimum, 40 microsiemens, Sept. 1, 1984.

pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.2 units, June 2, 1995.

WATER TEMPERATURE: Maximum, 33.0°C, July 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, 217 microsiemens, Oct. 14; minimum, 79 microsiemens, Apr. 7.

pH: Maximum, 7.8 units, Sept. 23 - 25; minimum, 6.4 units, Mar. 22, 23, 26 - 28, Apr. 5 - 8.

WATER TEMPERATURE: Maximum, 31.5°C, July 21, 22; minimum, 6.5°C, Jan. 2, 3.

DISSOLVED OXYGEN: Maximum, 10.6 mg/L, Dec. 20; minimum, 2.4 mg/L, Aug. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	170	129	159	177	169	175	195	192	193	162	153	158
2	167	162	165	180	169	177	192	144	172	153	143	149
3	171	165	169	182	179	181	176	146	165	154	144	149
4	180	166	172	182	175	178	177	172	175	157	153	155
5	187	180	183	183	165	172	180	169	175	159	152	156
6	190	183	186	188	181	185	181	177	179	153	139	146
7	202	189	196	187	182	185	190	175	184	143	134	140
8	191	177	182	190	186	189	188	179	185	134	129	131
9	195	187	191	192	190	191	188	185	187	129	124	127
10	205	194	202	195	191	193	187	182	185	126	122	124
11	216	203	208	196	191	193	186	180	183	128	126	127
12	216	211	214	198	191	196	183	178	181	131	127	129
13	216	210	212	198	189	193	187	173	183	134	129	131
14	217	207	213	196	189	193	189	181	185	138	134	135
15	215	202	207	189	181	184	188	179	185	139	134	137
16	216	157	196	187	164	181	186	179	184	136	133	134
17	192	179	185	191	187	190	192	172	187	135	129	132
18	180	171	174	190	173	182	196	189	191	133	131	132
19	172	167	170	192	185	189	196	192	195	133	132	132
20	172	163	168	196	192	194	200	187	192	136	132	134
21	163	150	156	199	196	198	202	198	200	133	125	131
22	171	158	165	199	194	197	202	190	195	134	130	132
23	179	171	175	200	187	194	191	159	173	130	126	128
24	180	172	176	198	187	195	185	162	177	126	118	123
25	175	172	174	198	193	196	186	183	185	119	115	118
26	178	170	174	200	196	198	183	168	172	115	113	114
27	181	160	172	198	195	196	178	174	176	114	109	112
28	169	157	164	201	196	198	184	178	181	110	105	109
29	171	167	170	207	200	203	180	176	179	105	99	100
30	167	159	162	206	182	190	176	162	167	104	100	101
31	173	163	166	---	---	---	171	162	167	104	101	103
MONTH	217	129	181	207	164	190	202	144	182	162	99	130

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	107	104	106	102	100	101	107	104	105	99	97	98
2	107	106	107	102	100	101	110	102	105	103	97	99
3	107	104	106	104	101	102	102	92	96	98	96	97
4	105	102	103	105	103	104	92	90	91	98	96	97
5	102	95	97	106	103	105	92	82	87	101	98	100
6	95	89	91	105	102	104	91	80	82	102	100	101
7	91	89	90	108	105	106	82	79	81	102	100	101
8	98	85	91	109	97	104	91	80	86	102	100	101
9	100	97	98	107	96	102	93	88	91	128	101	102
10	100	97	98	105	96	98	98	90	94	128	97	112
11	98	96	97	104	96	100	98	95	96	102	97	99
12	97	96	96	103	99	101	99	96	98	103	96	102
13	98	96	97	105	101	103	100	98	99	104	91	98
14	99	97	98	106	104	105	98	91	94	105	103	104
15	100	98	99	106	105	105	100	93	96	106	105	106
16	101	99	100	105	95	103	101	99	100	107	105	106
17	100	95	97	103	101	102	99	96	97	111	103	107
18	96	90	94	101	99	100	101	97	99	118	111	114
19	92	90	91	100	97	99	99	93	96	119	114	117
20	93	91	92	97	87	92	94	89	91	115	112	114
21	96	93	95	89	81	86	90	89	89	115	100	109
22	98	96	97	84	82	84	92	90	91	118	99	107
23	99	97	98	98	84	89	95	92	94	123	117	119
24	100	98	99	107	97	100	96	94	95	131	123	128
25	99	90	97	101	98	100	95	93	94	135	131	134
26	99	98	99	99	96	97	94	92	93	135	132	134
27	101	99	100	101	97	99	95	93	94	136	134	135
28	101	99	100	103	100	101	96	89	94	135	128	132
29	---	---	---	104	102	103	95	93	93	132	128	131
30	---	---	---	105	103	104	99	95	97	133	130	131
31	---	---	---	106	104	105	---	---	---	132	127	130
MONTH	107	85	98	109	81	100	110	79	94	136	91	112
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	134	131	132	159	146	153	167	161	165	191	179	186
2	136	128	132	166	153	161	170	167	169	197	188	191
3	137	128	132	175	166	171	171	168	170	197	160	188
4	133	124	131	186	173	177	176	169	174	166	137	149
5	126	121	123	185	172	177	179	172	175	142	113	121
6	121	117	118	186	166	178	185	176	182	133	115	126
7	118	116	117	170	158	167	177	175	176	138	133	136
8	122	116	119	181	157	166	182	177	180	140	129	134
9	128	122	126	191	178	184	182	172	179	136	125	128
10	132	128	130	178	167	173	172	153	158	138	128	133
11	141	130	136	167	162	165	157	152	154	136	131	133
12	141	115	126	176	163	170	162	143	152	146	136	140
13	120	115	119	179	172	176	154	145	150	156	146	152
14	124	119	122	184	171	177	157	152	154	157	146	153
15	132	124	129	185	180	183	159	154	157	146	138	144
16	138	132	135	181	176	179	160	154	158	147	138	144
17	137	130	133	178	171	175	167	160	163	152	145	149
18	132	126	129	174	166	170	167	121	144	148	140	144
19	135	129	132	184	173	178	151	135	147	152	116	133
20	143	132	137	183	177	179	156	151	154	166	152	161
21	160	143	152	179	138	168	157	145	155	164	159	161
22	163	151	158	170	156	164	162	157	159	161	138	150
23	151	135	141	166	158	162	165	161	163	142	117	138
24	147	137	141	174	166	171	166	162	164	144	135	140
25	154	138	146	179	169	176	166	162	164	148	137	141
26	143	122	139	172	169	170	167	164	166	156	144	151
27	144	140	141	176	170	173	169	161	165	159	144	150
28	155	144	147	178	164	173	165	161	163	160	158	159
29	184	155	170	164	160	161	171	165	169	168	157	162
30	199	157	182	160	159	160	176	171	173	167	154	160
31	---	---	---	162	159	160	179	171	174	---	---	---
MONTH	199	115	136	191	138	171	185	121	164	197	113	149
YEAR	217	79	142									

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.0	23.0	18.0	17.0	17.5	13.0	12.0	12.5	7.5	7.0	7.0
2	23.0	22.0	22.5	18.5	17.0	18.0	12.5	12.0	12.5	7.0	6.5	6.5
3	22.5	21.5	22.0	18.0	17.0	17.5	12.0	11.5	11.5	7.0	6.5	7.0
4	22.5	21.5	22.0	17.0	16.0	16.5	12.0	11.5	12.0	8.5	7.0	7.5
5	23.5	22.0	22.5	16.0	15.0	15.5	12.0	11.5	11.5	10.0	8.5	9.0
6	24.0	23.0	23.5	16.0	15.0	15.5	11.5	10.0	11.0	11.0	10.0	10.5
7	24.5	23.5	24.0	16.0	15.0	16.0	10.0	9.5	10.0	11.0	9.5	10.0
8	24.5	23.5	24.0	16.0	16.0	16.0	9.5	9.0	9.0	10.0	9.5	10.0
9	24.5	23.5	24.0	16.0	15.5	15.5	9.5	9.0	9.5	10.5	10.0	10.0
10	24.5	23.5	24.0	15.5	15.0	15.5	10.0	9.0	9.5	10.5	10.0	10.5
11	24.5	23.5	24.0	16.0	15.0	15.5	10.0	9.5	10.0	10.0	10.0	10.0
12	24.5	23.5	24.0	15.5	15.0	15.0	10.5	10.0	10.0	10.0	10.0	10.0
13	24.0	23.0	23.5	15.0	14.0	14.5	10.0	9.5	10.0	10.5	10.0	10.0
14	24.0	23.0	23.5	14.5	14.0	14.0	9.5	9.0	9.5	10.5	10.0	10.0
15	23.5	22.5	23.0	14.0	13.5	14.0	9.0	8.5	9.0	10.0	10.0	10.0
16	22.5	20.5	21.5	14.0	13.0	13.5	8.5	8.0	8.5	10.0	10.0	10.0
17	20.5	19.0	20.0	13.5	12.5	13.0	9.0	8.5	8.5	10.0	10.0	10.0
18	19.0	18.5	18.5	12.5	11.5	12.5	9.0	8.0	8.5	10.0	10.0	10.0
19	18.5	18.0	18.0	12.0	11.5	12.0	9.0	8.0	8.5	10.0	10.0	10.0
20	18.0	17.0	17.5	12.0	12.0	12.0	9.0	8.0	8.5	10.0	9.5	9.5
21	19.0	17.5	18.0	12.5	12.0	12.0	9.5	8.5	9.0	9.5	9.0	9.0
22	19.0	18.5	19.0	13.0	12.5	12.5	10.0	9.5	9.5	9.0	8.5	9.0
23	18.5	17.5	18.0	13.5	13.0	13.0	9.5	9.0	9.5	9.0	9.0	9.0
24	18.0	17.0	17.0	13.0	12.0	12.5	9.0	9.0	9.0	9.0	9.0	9.0
25	18.0	17.0	17.5	12.0	11.5	12.0	9.5	9.0	9.5	9.0	8.5	9.0
26	18.5	18.0	18.0	11.5	11.5	11.5	9.5	9.0	9.5	8.5	8.5	8.5
27	19.5	18.5	19.0	11.5	11.5	11.5	9.5	9.0	9.0	8.5	8.5	8.5
28	19.0	18.5	18.5	12.0	11.5	11.5	9.0	8.5	8.5	8.5	8.0	8.0
29	18.5	18.0	18.5	12.0	11.5	11.5	8.5	8.0	8.5	8.5	8.0	8.0
30	18.0	17.0	17.5	12.5	12.0	12.5	8.0	7.5	8.0	8.5	8.0	8.5
31	17.5	16.5	17.0	---	---	---	7.5	7.5	7.5	8.5	8.0	8.5
MONTH	24.5	16.5	20.7	18.5	11.5	14.0	13.0	7.5	9.6	11.0	6.5	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	8.0	8.0	12.5	12.0	12.0	14.5	14.5	14.5	18.5	18.5	18.5
2	8.0	8.0	8.0	12.5	12.0	12.5	14.5	14.0	14.5	19.0	18.5	18.5
3	8.5	8.0	8.0	12.5	12.0	12.0	15.0	14.5	14.5	19.0	18.5	19.0
4	8.5	8.0	8.5	12.0	11.5	11.5	15.5	15.0	15.5	19.0	19.0	19.0
5	8.0	8.0	8.0	11.5	11.5	11.5	15.5	15.0	15.0	19.5	19.0	19.0
6	8.5	8.0	8.0	11.5	11.0	11.5	16.5	15.5	16.0	20.0	19.5	19.5
7	8.5	8.0	8.0	11.5	11.0	11.5	17.0	16.0	16.5	20.0	20.0	20.0
8	8.0	8.0	8.0	11.5	11.5	11.5	17.5	16.5	17.0	20.5	20.0	20.0
9	8.0	8.0	8.0	12.0	11.5	12.0	18.5	17.0	18.0	20.5	20.0	20.5
10	8.5	8.0	8.0	12.0	11.5	12.0	17.5	16.5	17.0	20.5	20.5	20.5
11	8.5	8.0	8.0	12.0	11.0	11.5	17.5	16.5	17.0	21.0	20.5	21.0
12	9.0	8.5	8.5	11.0	10.0	10.5	17.5	17.0	17.0	21.0	20.5	21.0
13	9.0	8.5	8.5	10.0	9.5	10.0	17.5	17.0	17.0	21.5	21.0	21.5
14	8.5	8.5	8.5	11.0	10.0	10.0	17.0	16.5	17.0	22.0	21.5	22.0
15	8.5	8.5	8.5	11.5	10.5	11.0	17.0	16.5	16.5	22.0	21.5	22.0
16	9.0	8.5	8.5	11.5	11.5	11.5	18.0	17.0	17.5	22.5	22.0	22.5
17	10.0	9.0	9.5	11.5	11.0	11.0	18.0	18.0	18.0	23.0	22.5	22.5
18	10.0	9.5	10.0	11.0	10.5	10.5	18.0	17.5	18.0	23.5	23.0	23.0
19	10.5	10.0	10.0	11.5	10.5	11.0	18.5	18.0	18.0	24.5	23.0	23.5
20	11.0	10.5	10.5	12.0	11.5	11.5	18.5	18.0	18.5	24.0	23.0	23.5
21	11.0	10.5	10.5	12.0	11.5	12.0	19.0	18.0	18.5	24.0	23.5	23.5
22	11.0	10.5	10.5	12.0	11.0	11.5	18.5	18.5	18.5	24.5	23.5	24.0
23	10.5	10.5	10.5	12.0	11.5	12.0	18.5	18.0	18.0	25.5	24.0	25.0
24	11.0	10.5	10.5	12.0	12.0	12.0	18.0	17.5	18.0	25.5	24.5	25.0
25	11.0	10.5	11.0	12.0	11.5	12.0	18.5	17.5	18.0	25.5	24.5	25.0
26	11.5	11.0	11.0	12.5	12.0	12.5	19.0	18.0	18.5	26.0	25.0	25.5
27	11.5	11.5	11.5	13.5	12.5	13.0	19.0	18.5	18.5	26.5	25.0	26.0
28	12.0	11.5	12.0	15.0	13.5	14.0	19.0	18.5	18.5	26.5	25.5	26.0
29	---	---	---	14.5	13.5	14.0	19.0	18.0	18.5	26.5	25.0	25.5
30	---	---	---	15.0	14.5	14.5	19.0	18.5	18.5	26.0	25.0	25.5
31	---	---	---	15.0	14.5	15.0	---	---	---	26.5	25.0	25.5
MONTH	12.0	8.0	9.2	15.0	9.5	11.9	19.0	14.0	17.2	26.5	18.5	22.4

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.2	5.9	6.0	7.7	7.5	7.6	8.9	8.5	8.7	7.6	6.5	7.1
2	6.5	5.8	6.2	7.7	7.4	7.5	8.9	8.5	8.6	8.4	7.4	7.9
3	6.3	5.7	6.1	7.8	7.5	7.6	9.0	8.8	8.9	8.8	8.3	8.5
4	6.6	6.1	6.3	8.1	7.8	7.9	8.9	8.7	8.8	8.8	7.8	8.2
5	6.2	5.6	5.8	8.5	8.1	8.4	9.0	8.8	8.9	7.8	6.9	7.5
6	5.8	4.9	5.3	8.4	8.2	8.3	9.3	8.9	9.1	7.4	6.7	7.1
7	5.9	4.3	5.0	8.4	8.0	8.2	9.7	9.3	9.6	---	---	---
8	5.6	5.0	5.4	8.0	7.9	8.0	10.3	9.6	9.9	---	---	---
9	5.6	4.6	5.1	8.1	7.9	8.0	10.1	9.8	9.9	---	---	---
10	5.6	4.4	5.1	8.3	8.1	8.3	10.2	9.7	9.9	---	---	---
11	5.9	4.6	5.3	8.4	8.3	8.3	10.1	9.5	9.7	---	---	---
12	5.9	4.7	5.4	8.5	8.3	8.4	9.9	9.5	9.7	---	---	---
13	6.1	4.8	5.5	8.6	8.4	8.5	9.8	9.5	9.6	8.8	8.5	8.6
14	6.5	4.9	5.7	8.5	8.1	8.2	9.9	9.5	9.7	8.8	8.6	8.7
15	6.3	5.4	5.9	8.4	8.1	8.3	10.2	9.8	9.9	8.9	8.7	8.9
16	7.2	5.8	6.5	8.5	8.1	8.2	10.5	10.2	10.3	9.0	8.6	8.8
17	7.4	6.2	6.9	8.5	8.2	8.3	10.5	10.0	10.2	9.0	8.7	8.9
18	7.3	6.5	7.0	9.0	8.5	8.7	10.4	10.2	10.3	9.0	8.7	8.9
19	7.6	6.5	7.3	9.2	9.0	9.1	10.5	10.1	10.3	8.8	8.7	8.8
20	7.9	6.3	7.5	9.1	8.9	9.0	10.6	10.0	10.3	9.0	8.6	8.8
21	8.0	6.3	7.2	9.0	8.7	8.8	10.0	9.5	9.8	9.2	8.9	9.1
22	8.1	5.9	7.3	8.9	8.6	8.8	9.8	9.4	9.6	9.3	9.2	9.2
23	8.2	7.3	7.8	8.7	8.5	8.6	10.5	9.6	9.9	9.3	9.2	9.3
24	7.9	7.8	7.9	8.8	8.5	8.6	10.1	9.7	9.9	9.3	9.2	9.3
25	8.0	7.8	7.9	9.2	8.8	9.0	9.7	9.5	9.6	9.4	9.3	9.3
26	7.8	7.7	7.8	9.2	9.0	9.1	9.6	9.2	9.5	9.6	9.4	9.5
27	7.8	7.3	7.6	9.3	8.9	9.1	9.5	9.3	9.4	9.8	9.6	9.7
28	7.3	6.7	6.8	9.0	8.8	8.9	9.6	9.3	9.5	9.9	9.8	9.8
29	7.0	6.8	6.9	9.0	8.4	8.8	9.6	9.5	9.6	9.9	9.6	9.8
30	7.2	6.9	7.0	9.2	8.5	8.9	9.5	8.9	9.3	9.8	9.4	9.7
31	7.7	7.2	7.5	---	---	---	9.6	6.3	7.3	9.7	9.4	9.6
MONTH	8.2	4.3	6.5	9.3	7.4	8.4	10.6	6.3	9.5	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	9.5	9.7	8.9	8.7	8.8	8.0	7.9	8.0	6.6	6.3	6.5
2	10.0	9.9	9.9	8.9	8.5	8.7	8.2	8.0	8.1	6.6	6.2	6.5
3	10.0	9.9	10.0	9.1	8.6	8.9	8.0	7.7	7.9	6.5	6.2	6.4
4	9.9	9.9	9.9	9.3	9.1	9.2	8.0	7.6	7.7	6.6	6.3	6.4
5	10.0	9.9	9.9	9.3	8.7	9.2	8.0	7.3	7.7	6.7	6.5	6.7
6	9.9	9.3	9.6	8.7	8.5	8.6	7.6	7.3	7.5	6.7	6.6	6.7
7	9.6	9.3	9.4	9.4	8.6	9.0	7.6	7.0	7.3	6.8	6.6	6.7
8	9.9	9.6	9.7	9.4	8.9	9.1	7.8	7.0	7.4	6.7	6.5	6.6
9	10.0	9.6	9.9	9.3	9.0	9.2	7.8	7.5	7.6	6.6	6.5	6.5
10	10.1	9.8	10.0	9.2	8.9	9.1	8.1	7.5	7.9	6.7	6.4	6.6
11	10.1	9.7	9.9	10.0	9.0	9.4	8.1	8.0	8.1	6.7	6.4	6.6
12	9.8	9.7	9.7	9.7	9.0	9.3	8.0	7.9	7.9	6.8	6.6	6.7
13	9.8	9.7	9.7	9.9	9.6	9.8	7.9	7.3	7.7	6.8	6.6	6.7
14	9.9	9.8	9.8	9.9	9.7	9.8	7.3	6.9	7.1	6.8	6.7	6.8
15	10.1	9.9	10.0	9.7	9.5	9.6	7.6	7.0	7.3	6.8	6.5	6.7
16	10.1	9.8	9.9	9.5	9.2	9.3	7.6	7.4	7.5	6.5	6.3	6.5
17	10.0	9.7	9.8	9.3	9.1	9.2	7.4	7.0	7.1	6.3	6.1	6.1
18	9.7	9.5	9.6	9.3	9.1	9.2	7.5	7.2	7.4	6.2	6.0	6.1
19	9.5	9.3	9.4	9.2	9.1	9.2	7.3	7.0	7.1	6.2	6.0	6.1
20	9.4	9.2	9.3	9.3	8.8	8.9	7.0	6.5	6.8	6.4	6.2	6.3
21	9.4	9.2	9.3	8.8	8.3	8.5	6.5	6.4	6.4	6.5	6.2	6.3
22	9.4	9.3	9.4	8.5	8.3	8.4	6.4	6.3	6.4	6.3	6.0	6.2
23	9.4	9.2	9.3	8.5	8.2	8.4	6.5	6.4	6.4	6.1	5.8	6.0
24	9.4	9.3	9.3	8.5	8.3	8.4	6.6	6.5	6.6	5.8	5.3	5.6
25	9.4	9.2	9.3	8.6	8.3	8.5	6.6	6.4	6.4	5.5	5.1	5.4
26	9.4	9.2	9.3	8.4	8.2	8.3	6.5	6.3	6.4	5.9	5.5	5.8
27	9.3	9.0	9.1	8.4	7.9	8.2	6.4	6.2	6.3	5.9	5.8	5.9
28	9.0	8.9	8.9	8.1	7.7	7.8	6.6	6.3	6.4	6.1	5.8	6.0
29	---	---	---	8.3	7.7	8.0	6.4	5.8	5.9	6.2	6.1	6.1
30	---	---	---	7.8	7.5	7.7	6.5	6.0	6.2	6.2	6.0	6.1
31	---	---	---	8.0	7.6	7.8	---	---	---	6.2	6.1	6.2
MONTH	10.1	8.9	9.6	10.0	7.5	8.8	8.2	5.8	7.2	6.8	5.1	6.3

SANTÉE RIVER BASIN

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02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.1	6.0	6.1	5.7	5.1	5.4	5.4	4.8	5.1	6.4	4.3	5.8
2	6.0	5.9	6.0	5.3	5.0	5.1	5.7	5.2	5.4	6.2	4.5	5.0
3	6.0	5.6	5.8	5.6	4.7	5.3	5.9	5.4	5.7	6.2	5.3	5.8
4	5.8	5.5	5.7	5.3	4.9	5.1	6.2	4.9	5.7	7.2	6.1	6.8
5	5.8	5.3	5.6	5.3	4.8	5.1	6.1	5.6	5.8	6.2	5.9	6.1
6	5.7	5.3	5.5	5.9	4.9	5.4	6.1	5.7	5.9	5.9	4.9	5.5
7	5.3	5.1	5.3	5.7	5.4	5.6	5.7	5.5	5.6	5.9	4.4	5.2
8	5.7	5.3	5.5	6.7	5.6	6.2	5.6	5.3	5.5	4.4	3.9	4.3
9	5.8	5.5	5.7	7.9	5.5	6.7	5.7	5.5	5.6	4.9	3.2	4.4
10	5.9	5.0	5.7	7.6	5.2	6.6	5.5	5.1	5.4	5.5	4.8	5.3
11	5.8	4.9	5.4	6.7	4.8	5.9	5.3	5.1	5.2	5.6	5.4	5.5
12	5.6	4.9	5.4	7.4	5.0	6.2	5.6	5.1	5.4	5.5	5.4	5.5
13	5.4	5.1	5.3	7.4	5.1	6.2	5.7	5.3	5.6	5.5	5.0	5.3
14	5.4	4.9	5.3	7.4	4.6	6.0	5.5	5.3	5.4	5.0	4.6	4.8
15	5.4	5.2	5.3	5.6	4.3	4.9	5.8	5.3	5.5	5.5	4.7	5.1
16	5.4	5.1	5.3	5.0	4.7	4.9	5.7	5.4	5.5	5.5	4.5	5.0
17	5.8	5.2	5.6	5.3	4.9	5.1	5.5	3.9	4.9	5.5	4.7	5.3
18	5.9	5.6	5.8	5.4	5.2	5.3	5.8	3.8	5.1	5.5	4.3	4.6
19	6.3	5.6	5.9	6.0	5.2	5.6	5.8	5.6	5.7	4.6	3.9	4.4
20	5.9	5.5	5.6	6.2	5.4	5.8	5.8	5.6	5.7	4.1	2.5	3.2
21	5.7	5.4	5.5	6.0	5.3	5.7	6.0	5.6	5.8	3.7	3.0	3.3
22	5.7	5.5	5.6	5.8	5.2	5.5	6.1	5.8	6.0	4.6	2.8	3.7
23	5.7	5.5	5.6	5.6	5.0	5.2	6.1	5.8	5.9	4.7	4.4	4.6
24	5.5	5.2	5.4	5.6	4.9	5.3	6.1	5.9	6.0	4.8	4.4	4.6
25	5.5	5.1	5.3	5.6	4.9	5.2	5.9	5.6	5.8	4.8	4.0	4.6
26	5.3	4.8	5.2	5.4	5.0	5.2	5.8	5.7	5.8	4.5	4.0	4.2
27	5.7	5.0	5.4	5.4	4.8	5.1	6.1	5.5	5.9	---	---	---
28	5.7	5.4	5.6	5.6	5.1	5.3	6.2	5.1	5.7	---	---	---
29	5.7	5.1	5.5	5.2	4.6	4.7	5.1	4.2	4.5	---	---	---
30	5.9	5.3	5.6	4.8	4.6	4.8	4.8	2.4	3.9	---	---	---
31	---	---	---	4.9	4.6	4.8	5.8	4.2	4.9	---	---	---
MONTH	6.3	4.8	5.6	7.9	4.3	5.5	6.2	2.4	5.5	---	---	---

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.

PERIOD OF RECORD.--October 1997 to September 1998.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1330	1670	1240	1720	3190	3090	2770	4470	2020	1520	1220	794
2	1250	1680	1420	1860	2790	2650	2730	4870	2050	1300	1180	899
3	1130	1440	1670	1640	4380	2480	2440	3930	1900	1160	875	907
4	1090	1480	1900	1480	16200	2310	2860	3130	1920	1510	832	1640
5	935	1450	1780	1380	11400	2660	2540	3130	2630	1400	1040	1200
6	758	1310	1740	1770	6210	2440	2070	3000	2690	1010	987	834
7	860	1020	1640	1810	4630	2560	2330	2790	2150	1100	905	716
8	983	1460	1490	9370	3950	10200	2620	3140	1900	1350	965	704
9	980	1340	1390	12200	3470	17100	3210	2800	1800	1260	1110	796
10	769	1160	1600	4710	3170	8960	3510	2740	1970	1170	1130	787
11	974	1170	1570	3590	e3100	5400	2840	2730	2200	1170	1030	804
12	926	1320	1240	2800	e3150	4320	2480	2600	1880	1160	1200	779
13	776	1380	1730	2570	e3150	3790	2100	2340	1860	791	1130	764
14	861	1630	1230	2580	e2800	3570	2620	2440	1680	955	980	672
15	1020	1600	1150	2780	e2790	3260	2550	2440	1340	1040	2370	597
16	987	1390	1290	7090	e2800	3040	2310	2440	1690	1110	2970	734
17	912	1130	1360	7010	e5000	3370	4430	2200	1730	1170	1920	779
18	1060	1230	1370	3980	e8000	3280	5730	1890	1680	1420	1690	761
19	908	1440	1340	3140	5980	4460	4750	2020	1480	1190	1250	740
20	784	1240	1420	3180	4590	3990	8750	2210	1720	831	1280	661
21	934	1130	1270	2850	4010	4540	5460	2020	1570	1060	1130	830
22	966	1960	1410	2440	3750	3920	4480	2180	1290	1070	1130	1040
23	944	1760	1830	4420	4090	3390	4220	2090	1700	934	1030	1250
24	1000	1410	2300	5050	4270	3180	3570	1920	1850	1310	882	626
25	1220	1450	4410	3810	3600	2970	3290	1960	1600	1540	982	704
26	2840	1410	2750	3140	3190	2890	2740	1740	1490	1330	943	765
27	8820	1380	2590	6700	3500	2910	2660	2180	1620	1530	927	961
28	3490	1350	2820	13000	3750	2850	3050	2450	1300	1920	884	863
29	2090	1280	2240	5910	---	2650	2520	2670	1230	1450	876	846
30	1520	1400	2140	4250	---	2370	2790	3050	1200	1250	804	1270
31	1490	---	2260	3510	---	2470	---	2480	---	1200	736	---
MEAN	1439	1402	1793	4250	4675	4099	3347	2647	1771	1233	1174	857
MAX	8820	1960	4410	13000	16200	17100	8750	4870	2690	1920	2970	1640
MIN	758	1020	1150	1380	2790	2310	2070	1740	1200	791	736	597

[illegible]

SANTEE RIVER BASIN

02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued

SUMMARY STATISTICS

FOR 1998 WATER YEAR

ANNUAL MEAN	2378	
HIGHEST DAILY MEAN	17100	Mar 9
LOWEST DAILY MEAN	597	Sep 15
ANNUAL SEVEN-DAY MINIMUM	706	Sep 14
INSTANTANEOUS PEAK FLOW	20200	Mar 9
INSTANTANEOUS PEAK STAGE	13.72	Mar 9
10 PERCENT EXCEEDS	4290	
50 PERCENT EXCEEDS	1740	
90 PERCENT EXCEEDS	883	

e Estimated<

SANTEE RIVER BASIN

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 mi².

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.--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	2.2	6.8	15	14	22	31	20	66	19	7.7	9.3	3.2
2	1.9	13	14	13	20	26	19	42	18	6.1	7.9	3.2
3	1.8	9.1	10	12	134	23	21	34	17	5.7	7.2	11
4	1.8	7.0	15	12	287	20	62	32	51	5.3	6.4	33
5	1.7	5.5	14	11	77	19	29	29	61	6.0	6.0	10
6	1.7	5.0	11	11	41	19	23	28	31	4.9	6.1	6.3
7	1.9	5.0	9.4	11	30	20	21	37	20	4.3	5.8	6.3
8	2.0	5.9	8.8	193	25	468	20	38	17	4.2	7.7	5.7
9	1.9	6.5	9.8	54	22	322	503	31	16	4.2	9.0	5.6
10	2.0	6.1	11	24	20	65	70	29	18	3.9	8.2	4.6
11	2.4	5.6	11	17	20	38	45	29	17	3.0	7.4	4.3
12	2.7	5.3	10	14	23	31	38	26	16	2.6	6.1	3.8
13	2.6	11	9.2	13	19	27	34	24	14	2.5	5.2	4.7
14	2.8	18	8.9	11	18	25	34	23	13	2.5	5.2	3.8
15	2.9	13	8.1	37	17	24	33	23	13	2.4	25	3.4
16	5.2	9.3	8.0	287	38	23	31	22	13	2.4	49	3.6
17	3.2	7.5	7.9	116	98	21	86	22	12	3.1	19	3.7
18	2.9	7.1	7.4	39	66	22	50	20	11	3.1	10	3.6
19	4.0	6.8	7.1	47	37	70	93	19	10	2.0	7.9	3.2
20	4.4	6.6	7.1	39	28	43	91	19	12	3.3	7.2	2.9
21	3.5	14	7.1	25	23	36	46	19	10	22	6.1	6.6
22	3.3	119	87	22	21	28	40	17	11	7.0	5.9	11
23	3.5	22	43	80	40	25	77	17	10	7.5	5.9	5.5
24	3.0	12	152	49	31	24	50	17	9.6	5.3	5.8	4.3
25	3.6	9.7	127	29	24	22	39	18	9.2	5.6	5.4	3.7
26	59	8.9	32	22	22	21	35	16	8.6	19	5.1	3.5
27	27	8.4	25	421	54	21	33	27	8.2	142	6.2	3.5
28	8.1	7.1	24	162	46	21	33	23	7.5	23	4.6	3.5
29	5.2	7.7	20	51	---	20	30	20	7.1	12	4.3	3.8
30	4.6	10	20	34	---	19	55	29	9.0	9.0	3.9	9.8
31	4.1	---	18	26	---	19	---	29	---	9.2	3.4	---
TOTAL	176.9	378.9	757.8	1896	1303	1593	1761	825	489.2	340.8	272.2	181.1
MEAN	5.71	12.6	24.4	61.2	46.5	51.4	58.7	26.6	16.3	11.0	8.78	6.04
MAX	59	119	152	421	287	468	503	66	61	142	49	33
MIN	1.7	5.0	7.1	11	17	19	19	16	7.1	2.0	3.4	2.9
CFSM	.24	.52	1.01	2.54	1.93	2.13	2.44	1.10	.68	.46	.36	.25
IN.	.27	.58	1.17	2.93	2.01	2.46	2.72	1.27	.76	.53	.42	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1998, BY WATER YEAR (WY)

MEAN	16.0	18.5	21.6	36.5	40.9	43.2	29.6	19.5	14.8	9.32	12.5	7.48
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	1.94	1.77
(WY)	1984	1982	1992	1992	1986	1988	1986	1988	1988	1996	1996	1983

SANTEE RIVER BASIN

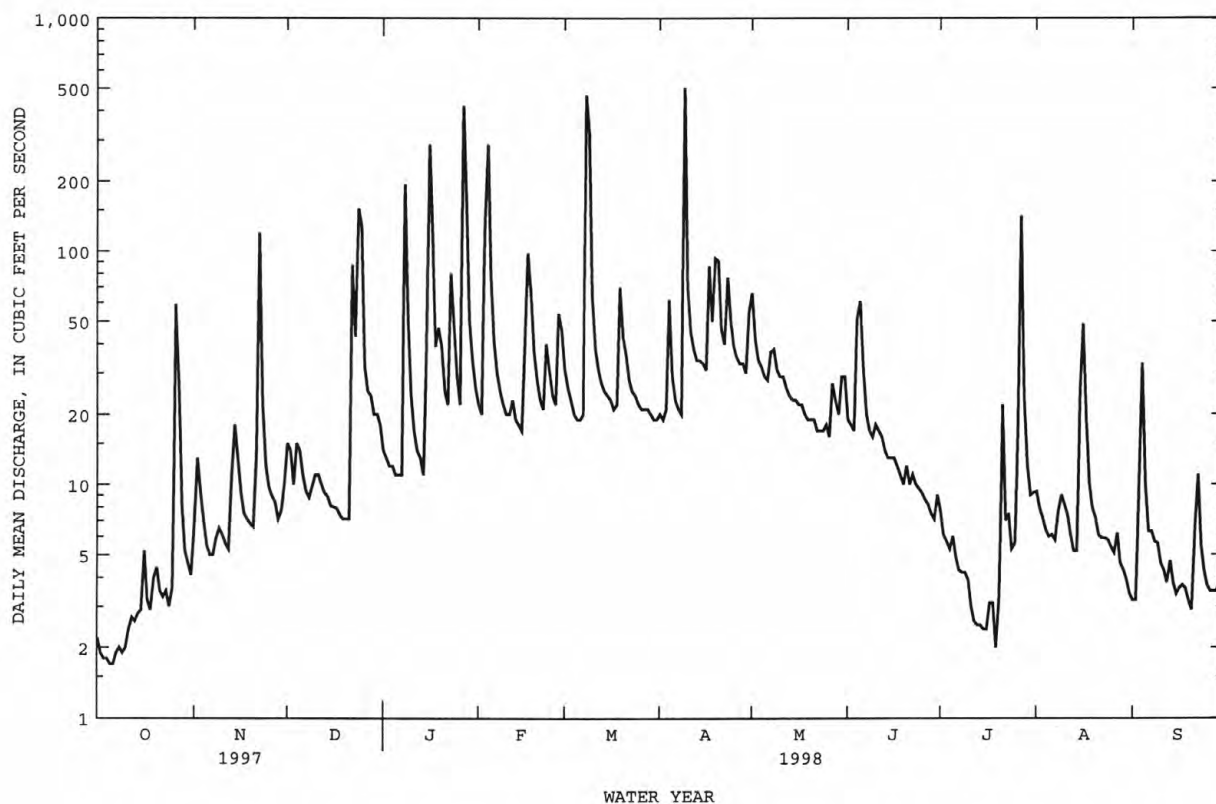
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02153780 CLARKS FORK CREEK NEAR SMYRNA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1981 - 1998
ANNUAL TOTAL	6543.70	9974.9	
ANNUAL MEAN	17.9	27.3	22.4
HIGHEST ANNUAL MEAN			37.5
LOWEST ANNUAL MEAN			11.2
HIGHEST DAILY MEAN	330 Apr 29	503 Apr 9	1000 Aug 17 1985
LOWEST DAILY MEAN	.10 Sep 5	1.7 ** Oct 5	.10 Sep 5 1997
ANNUAL SEVEN-DAY MINIMUM	.85 Aug 21	1.8 Oct 2	.43 Sep 10 1996
INSTANTANEOUS PEAK FLOW		1260 Apr 9	* 2100 Aug 27 1995
INSTANTANEOUS PEAK STAGE		11.05 Apr 9	13.77 Aug 27 1995
ANNUAL RUNOFF (CFSM)	.74	1.13	.93
ANNUAL RUNOFF (INCHES)	10.10	15.40	12.63
10 PERCENT EXCEEDS	25	50	36
50 PERCENT EXCEEDS	12	14	13
90 PERCENT EXCEEDS	1.9	3.5	4.1

* From rating curve extended above 500 ft³/s.

** Also occurred Oct. 6.



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.

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.--No estimated daily discharges. Records good. Some diurnal fluctuation at low and medium flow caused by mill above station.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	113	157	126	151	268	328	258	494	185	130	98	83
2	100	172	121	147	255	304	242	393	178	115	90	81
3	96	152	114	146	585	289	250	318	177	114	85	89
4	94	136	161	148	1860	276	319	335	168	111	81	137
5	90	127	147	142	1170	270	262	297	232	111	80	98
6	87	125	135	140	470	263	242	272	221	118	78	87
7	84	126	124	172	379	265	233	284	184	114	77	86
8	83	130	119	1880	337	966	230	274	165	107	97	89
9	82	122	124	1480	309	1720	314	252	166	106	108	82
10	81	117	128	379	285	762	269	251	197	102	179	79
11	80	113	140	292	283	431	242	301	213	97	177	78
12	80	112	129	250	339	367	229	247	176	96	129	77
13	82	127	123	227	290	334	223	228	163	98	105	76
14	82	163	119	208	274	317	230	222	154	96	173	75
15	88	143	115	301	259	298	228	217	156	97	261	74
16	82	128	112	641	467	293	217	210	151	95	250	74
17	80	122	112	700	1140	288	479	206	146	94	159	73
18	80	117	110	375	762	304	367	198	141	92	133	72
19	85	114	109	326	437	464	412	192	140	87	113	72
20	95	113	108	285	369	385	557	186	146	87	105	73
21	82	114	109	252	332	356	371	182	141	83	100	77
22	80	181	150	246	307	319	333	181	143	82	98	112
23	78	156	164	527	426	297	329	178	152	93	96	85
24	82	135	215	402	377	286	295	176	143	121	93	79
25	124	128	422	314	328	274	271	175	143	137	89	77
26	439	123	247	274	306	267	257	168	135	112	87	76
27	1630	119	243	549	385	264	248	167	130	102	85	74
28	533	116	234	769	374	260	246	186	124	103	82	73
29	246	114	206	409	---	255	236	366	119	98	82	73
30	189	120	181	333	---	250	290	254	135	92	104	99
31	163	---	164	293	---	247	---	202	---	103	90	---
TOTAL	5390	3922	4811	12758	13373	11999	8679	7612	4824	3193	3584	2480
MEAN	174	131	155	412	478	387	289	246	161	103	116	82.7
MAX	1630	181	422	1880	1860	1720	557	494	232	137	261	137
MIN	78	112	108	140	255	247	217	167	119	82	77	72
CFSM	1.50	1.13	1.34	3.55	4.12	3.34	2.49	2.12	1.39	.89	1.00	.71
IN.	1.73	1.26	1.54	4.09	4.29	3.85	2.78	2.44	1.55	1.02	1.15	.81

MEAN	177	167	204	259	275	298	266	209	180	155	169	144
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

SANTEE RIVER BASIN

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02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	66000		82625		209	
ANNUAL MEAN	181		226		340	1937
HIGHEST ANNUAL MEAN					101	1988
LOWEST ANNUAL MEAN					8110	Oct 5 1964
HIGHEST DAILY MEAN	1630	Oct 27	1880	Jan 8	27	Aug 27 1988
LOWEST DAILY MEAN	64	** Sep 21	72	*** Sep 18	29	Oct 3 1954
ANNUAL SEVEN-DAY MINIMUM	67	Sep 17	73	Sep 14	* 12500	Aug 14 1940
INSTANTANEOUS PEAK FLOW			3330	Jan 8	27.13	Aug 14 1940
INSTANTANEOUS PEAK STAGE			12.20	Jan 8	9.0	Oct 6 1954
INSTANTANEOUS LOW FLOW			72	Sep 17	1.80	
ANNUAL RUNOFF (CFSM)	1.56		1.95		24.47	
ANNUAL RUNOFF (INCHES)	21.17		26.50		340	
10 PERCENT EXCEEDS	281		378		158	
50 PERCENT EXCEEDS	161		159		83	
90 PERCENT EXCEEDS	82		82			

* From rating curve extended above 4,300 ft³/s on basis of computation of peak flow over dam 2.0 miles above station.

** Also occurred on Sept. 22, 23.

*** Also occurred on Sept. 19.<

SANTEE RIVER BASIN

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 mi², 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).

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	46	80	62	71	118	138	113	278	85	57	e37	e30
2	42	96	56	68	111	130	105	167	87	55	e35	e37
3	41	77	57	66	562	123	119	138	83	56	e33	e47
4	40	70	89	65	1180	118	156	129	83	55	e31	58
5	38	66	69	65	393	115	118	118	98	55	e30	52
6	36	64	62	66	227	114	110	112	89	62	e30	45
7	35	63	58	93	179	119	106	125	83	55	e30	e37
8	34	63	57	1540	154	863	104	117	80	54	e52	e34
9	34	59	61	386	141	815	150	107	84	54	57	e33
10	34	57	66	199	131	316	118	113	92	53	82	e33
11	34	55	63	145	139	211	108	118	89	52	62	e32
12	34	55	58	123	163	171	103	103	83	50	52	e32
13	35	70	56	111	132	154	101	98	80	49	54	e32
14	36	86	55	101	123	145	103	96	79	47	134	e32
15	40	70	54	180	115	138	101	94	78	e45	72	31
16	36	62	53	535	291	132	99	91	78	e43	69	31
17	36	59	53	424	678	129	281	89	77	e41	e57	31
18	35	58	52	181	298	138	154	87	76	e39	e49	31
19	40	57	51	160	189	220	262	e85	75	e37	e45	31
20	38	55	51	132	159	159	248	e84	74	e35	e42	32
21	36	60	50	117	142	144	160	82	74	e34	e39	41
22	36	109	84	130	134	133	149	81	73	e33	e37	45
23	35	77	71	e242	204	126	150	81	78	e39	e35	36
24	41	67	173	154	151	123	133	80	e72	e43	e34	35
25	53	62	215	126	137	118	122	80	e68	57	e33	e35
26	505	60	109	114	130	116	116	79	62	54	e32	e34
27	983	59	111	392	185	114	111	79	61	e49	e31	e33
28	181	57	94	397	155	113	107	82	58	e45	e30	e32
29	113	56	87	186	---	110	105	215	e58	e43	e30	34
30	90	62	82	147	---	107	156	109	e62	e41	e38	52
31	80	---	76	128	---	108	---	92	---	e40	e33	---
TOTAL	2897	1991	2335	6844	6721	5760	4068	3409	2319	1472	1425	1098
MEAN	93.5	66.4	75.3	221	240	186	136	110	77.3	47.5	46.0	36.6
MAX	983	109	215	1540	1180	863	281	278	98	62	134	58
MIN	34	55	50	65	111	107	99	79	58	33	30	30
CFSM	1.69	1.20	1.36	3.99	4.33	3.35	2.45	1.98	1.40	.86	.83	.66
IN.	1.95	1.34	1.57	4.60	4.51	3.87	2.73	2.29	1.56	.99	.96	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1998, BY WATER YEAR (WY)

MEAN	98.3	97.9	101	158	151	159	119	102	81.5	75.4	90.3	61.6
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	52.4	59.5	65.2	61.1	104	55.1	57.7	53.3	43.6	38.7	36.6
(WY)	1994	1994	1994	1992	1989	1989	1989	1994	1990	1990	1997	1998

Santee River Basin

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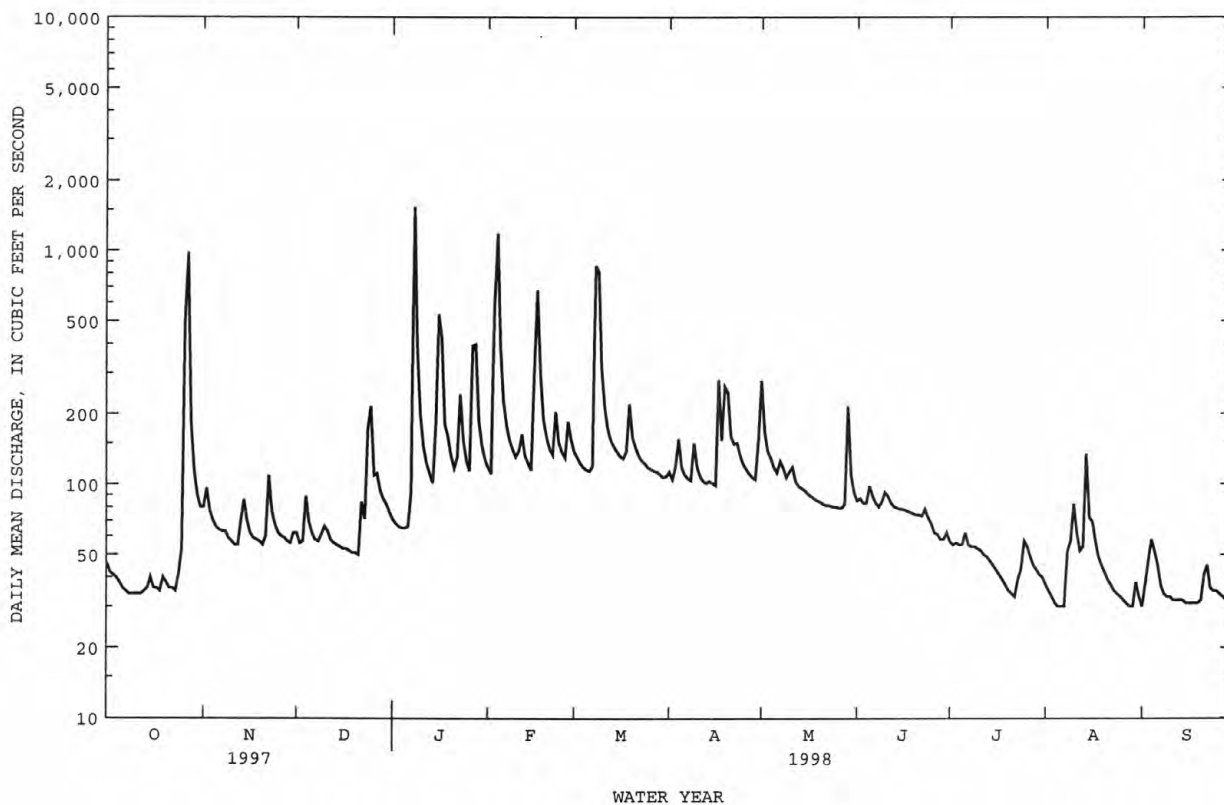
02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1989 - 1998	
ANNUAL TOTAL	32179		40339		111	
ANNUAL MEAN	88.2		111		157	1993
HIGHEST ANNUAL MEAN					84.0	1992
LOWEST ANNUAL MEAN					3500	Aug 27 1995
HIGHEST DAILY MEAN	983	Oct 27	1540	Jan 8	* 25	Aug 19 1990
LOWEST DAILY MEAN	27	Sep 8	30	** Aug 5	26	Aug 14 1990
ANNUAL SEVEN-DAY MINIMUM	28	Sep 3	31	Sep 13	5170	Aug 27 1995
INSTANTANEOUS PEAK FLOW			2310	Jan 8	11.33	Aug 27 1995
INSTANTANEOUS PEAK STAGE			9.48	Jan 8	2.00	
ANNUAL RUNOFF (CFSM)	1.59		1.99		27.16	
ANNUAL RUNOFF (INCHES)	21.61		27.09		171	
10 PERCENT EXCEEDS	137		175		77	
50 PERCENT EXCEEDS	75		78		42	
90 PERCENT EXCEEDS	35		34			

e Estimated

* Also occurred Aug. 20, 1990, Sept. 29, 30, 1993.

** Also occurred Aug. 6, 7, 28, 29, Sept. 1.



SANTEE RIVER BASIN

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 mi².

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 Reservoir, 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, 815.79 ft, Feb. 4, Mar. 8; minimum elevation, 812.39 ft, Jan. 5, 6.

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	813.29	814.87	814.65	812.82	814.87	814.79	814.60	815.10	815.18	815.11	814.22	814.85
2	813.27	814.73	814.58	812.70	814.80	814.71	814.60	815.08	815.18	815.11	814.16	814.83
3	813.25	814.61	814.50	812.58	815.58	814.60	814.74	815.01	815.18	815.11	814.09	814.88
4	813.23	814.56	814.42	812.45	815.79	814.50	814.83	814.93	815.19	815.11	814.04	814.79
5	813.21	814.55	814.28	812.39	815.38	814.40	814.85	815.02	815.22	815.12	813.99	814.69
6	813.19	814.54	814.08	812.39	815.19	814.38	814.86	815.17	815.19	815.13	813.96	814.65
7	813.16	814.54	813.88	812.60	815.10	814.57	814.86	815.24	815.16	815.08	813.95	814.61
8	813.14	814.52	813.69	815.04	815.02	815.79	814.85	815.22	815.16	815.03	813.98	814.57
9	813.11	814.50	813.50	815.17	814.96	815.62	814.91	815.21	815.20	815.00	814.18	814.53
10	813.09	814.48	813.35	815.09	814.89	815.30	814.85	815.25	815.23	814.96	814.32	814.50
11	813.06	814.46	813.16	815.00	814.89	815.16	814.80	815.23	815.20	814.91	814.41	814.47
12	813.03	814.46	812.96	814.91	814.87	815.07	814.73	815.20	815.19	814.90	814.49	814.45
13	813.01	814.55	812.76	814.80	814.79	815.02	814.66	815.21	815.16	814.86	814.63	814.42
14	813.00	814.60	812.55	814.66	814.70	814.96	814.62	815.20	815.16	814.82	814.93	814.39
15	812.97	814.59	812.48	814.78	814.58	814.91	814.56	815.20	815.14	814.79	815.11	814.36
16	812.94	814.58	812.50	815.43	814.99	814.84	814.50	815.20	815.15	814.76	815.10	814.34
17	812.91	814.56	812.52	815.33	815.49	814.77	814.90	815.19	815.14	814.73	815.08	814.32
18	812.88	814.54	812.54	815.15	815.27	814.80	814.92	815.18	815.15	814.70	815.07	814.28
19	812.88	814.52	812.56	815.08	815.13	814.88	815.14	815.18	815.15	814.66	815.05	814.25
20	812.85	814.50	812.57	814.99	815.05	814.89	815.15	815.17	815.15	814.61	815.03	814.23
21	812.83	814.59	812.60	814.90	814.97	814.85	815.07	815.17	815.15	814.56	815.02	814.26
22	812.80	814.67	812.79	814.91	814.92	814.77	815.05	815.16	815.16	814.51	815.01	814.29
23	812.77	814.68	812.83	815.06	815.05	814.69	815.01	815.17	815.17	814.45	815.00	814.25
24	812.81	814.67	813.11	815.03	814.93	814.61	814.94	815.17	815.16	814.47	814.99	814.22
25	812.84	814.66	813.28	814.93	814.86	814.52	814.85	815.17	815.15	814.44	814.98	814.19
26	813.91	814.66	813.24	814.83	814.78	814.49	814.74	815.16	815.15	814.41	814.97	814.16
27	815.10	814.64	813.27	815.36	814.88	814.51	814.64	815.18	815.13	814.39	814.95	814.14
28	815.18	814.63	813.20	815.30	814.85	814.53	814.52	815.20	815.13	814.37	814.94	814.12
29	815.14	814.63	813.16	815.14	---	814.55	814.48	815.36	815.12	814.33	814.92	814.09
30	815.11	814.64	813.06	815.04	---	814.55	814.71	815.26	815.12	814.31	814.90	814.16
31	814.99	---	812.95	814.96	---	814.58	---	815.21	---	814.27	814.88	---
MAX	815.18	814.87	814.65	815.43	815.79	815.79	815.15	815.36	815.23	815.13	815.11	814.88
MIN	812.77	814.46	812.48	812.39	814.58	814.38	814.48	814.93	815.12	814.27	813.95	814.09
(+)	7.30	7.12	6.33	7.28	7.23	7.09	7.16	7.41	7.36	6.94	7.24	6.88
(*)	+40.4	-9.28	-39.4	+47.4	-2.76	-6.99	+3.61	+12.5	-2.58	-21.0	+15.0	-18.6
CAL YR 1997	*	+10.2	MAX 815.40	MIN 811.51								
WTR YR 1998	*	+16.5	MAX 815.79	MIN 812.39								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

Santee River Basin

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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 mi².

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.--Data collection platform. Datum of gage is 706.33 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. 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 ft³/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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	330	207	213	486	534	368	686	263	141	111	93
2	109	345	206	373	571	507	338	591	239	128	103	92
3	105	303	199	336	873	493	352	565	236	127	99	216
4	103	197	278	295	3590	482	511	539	225	124	95	228
5	101	143	359	261	2310	475	356	436	304	124	92	109
6	99	140	380	234	936	468	335	280	309	131	90	97
7	98	140	316	236	740	378	326	291	272	132	89	96
8	98	158	312	2110	626	1300	332	336	223	128	106	97
9	98	192	330	1940	562	3440	486	369	191	122	121	91
10	97	186	412	650	449	1650	438	367	211	117	235	89
11	98	183	365	560	500	831	409	400	284	114	185	88
12	99	183	322	509	618	680	367	412	269	113	139	87
13	102	199	312	419	460	639	342	319	213	114	119	86
14	103	239	309	361	435	528	353	278	203	117	182	84
15	110	220	270	496	485	491	397	274	206	113	271	83
16	105	208	149	970	861	459	407	285	203	112	257	83
17	103	186	128	1480	1850	552	736	274	197	112	178	82
18	104	137	126	840	1520	534	596	256	179	110	156	82
19	107	135	125	575	824	653	684	257	150	106	120	83
20	118	133	124	526	681	640	918	249	155	105	113	84
21	105	134	124	473	594	637	658	232	150	101	108	88
22	104	204	160	451	527	552	593	231	152	100	106	121
23	100	220	181	836	666	493	582	229	161	110	103	96
24	104	270	360	588	587	481	541	227	176	135	101	90
25	143	234	764	477	591	469	451	226	191	150	98	88
26	519	207	432	451	522	463	406	206	181	129	95	87
27	1810	192	407	825	603	380	448	181	167	120	93	85
28	714	134	400	1580	593	349	490	222	136	120	90	83
29	360	140	386	736	---	343	388	583	131	116	90	83
30	396	201	296	563	---	369	368	499	145	110	108	108
31	352	---	180	496	---	361	---	314	---	117	118	---
TOTAL	6783	5893	8919	20860	24060	20631	13976	10614	6122	3698	3971	2979
MEAN	219	196	288	673	859	666	466	342	204	119	128	99.3
MAX	1810	345	764	2110	3590	3440	918	686	309	150	271	228
MIN	97	133	124	213	435	343	326	181	131	100	89	82
CFSM	1.03	.93	1.36	3.17	4.05	3.14	2.20	1.62	.96	.56	.60	.47
IN.	1.19	1.03	1.57	3.66	4.22	3.62	2.45	1.86	1.07	.65	.70	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1998, BY WATER YEAR (WY)

	MEAN	287	272	345	415	452	492	445	343	286	247	266	226
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	

SANTEE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	89587		128506		340	
ANNUAL MEAN	245		352		535	1937
HIGHEST ANNUAL MEAN					140	1988
LOWEST ANNUAL MEAN					13500	Aug 14 1940
HIGHEST DAILY MEAN	1810	Oct 27	3590	Feb 4	32	* Oct 6 1954
LOWEST DAILY MEAN	70	Sep 9	82 ***	Sep 17	35	Oct 4 1954
ANNUAL SEVEN-DAY MINIMUM	73	Sep 3	83	Sep 14	** 22800	Aug 14 1940
INSTANTANEOUS PEAK FLOW			4480	Feb 4	22.43	Aug 14 1940
INSTANTANEOUS PEAK STAGE			7.15	Feb 4	1.60	
ANNUAL RUNOFF (CFSM)	1.16		1.66		21.79	
ANNUAL RUNOFF (INCHES)	15.72		22.55		573	
10 PERCENT EXCEEDS	409		639		253	
50 PERCENT EXCEEDS	220		234		116	
90 PERCENT EXCEEDS	90		98			

* Also occurred on Oct. 7, 1954.

** From rating curve extended above 9,600 ft³/s by velocity-area studies.

*** Also occurred on Sept. 18.<

SANTEE RIVER BASIN

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021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC

LOCATION.--Lat 35°03'07'', long 81°51'44'', Spartanburg County, Hydrologic Unit 03050105, on left bank, 0.1 mi downstream of Lake Blalock Dam, and 4.2 mi northwest of Cowpens, S.C.

DRAINAGE AREA.--273 mi².

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

GAGE.--Data collection platform. Elevation of gage is 660 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records fair except those below 90 ft³/s, 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	125	361	244	252	533	567	391	805	320	182	148	139
2	128	371	239	358	580	530	375	710	289	171	139	127
3	132	349	239	402	1030	507	386	620	280	161	131	189
4	135	276	293	352	4020	485	557	575	274	161	126	347
5	137	200	353	325	3130	473	434	529	320	159	124	193
6	138	185	393	307	1210	468	381	378	353	160	124	151
7	137	185	339	283	793	438	365	392	316	163	124	140
8	135	194	329	1540	697	1740	360	462	281	161	138	140
9	135	219	333	2490	586	4320	517	426	257	158	155	132
10	133	224	401	815	508	2220	493	420	260	153	238	126
11	133	222	395	614	497	1010	440	433	298	150	244	124
12	133	224	348	551	627	717	417	445	317	145	194	124
13	133	247	334	488	524	654	370	396	269	143	166	124
14	133	305	331	410	454	580	386	342	247	145	197	122
15	135	281	317	486	475	519	398	330	245	144	472	122
16	134	254	233	1280	714	478	440	331	241	145	357	122
17	133	235	184	1850	2400	532	758	333	239	149	266	121
18	133	196	176	1080	1850	554	714	315	236	144	227	119
19	133	183	172	679	998	677	799	306	215	140	182	119
20	136	178	173	586	756	647	1110	308	213	135	162	119
21	137	187	176	529	623	660	753	293	207	134	153	132
22	135	275	242	478	570	587	641	284	204	136	149	154
23	134	266	265	861	672	513	706	285	218	161	146	147
24	134	292	407	743	632	496	613	282	221	205	143	130
25	144	281	928	557	595	481	534	280	229	195	140	124
26	483	250	591	508	553	471	461	272	224	177	136	122
27	1840	238	490	1200	627	432	469	256	217	163	129	121
28	1150	198	475	2180	650	384	510	261	196	159	125	119
29	447	183	453	1060	---	375	475	507	186	154	125	119
30	387	220	402	675	---	380	443	560	183	149	133	154
31	398	---	278	576	---	396	---	373	---	155	148	---
TOTAL	8060	7279	10533	24515	27304	23291	15696	12509	7555	4857	5441	4222
MEAN	260	243	340	791	975	751	523	404	252	157	176	141
MAX	1840	371	928	2490	4020	4320	1110	805	353	205	472	347
MIN	125	178	172	252	454	375	360	256	183	134	124	119
CFSM	.95	.89	1.24	2.90	3.57	2.75	1.92	1.48	.92	.57	.64	.52
IN.	1.10	.99	1.44	3.34	3.72	3.17	2.14	1.70	1.03	.66	.74	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1998, BY WATER YEAR (WY)

MEAN	390	316	411	639	674	595	429	330	287	242	494	255
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	222	170	253	326	423	505	352	191	248	157	176	127
(WY)	1997	1994	1994	1994	1997	1997	1994	1994	1994	1998	1998	1997

SANTEE RIVER BASIN

021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC--Continued

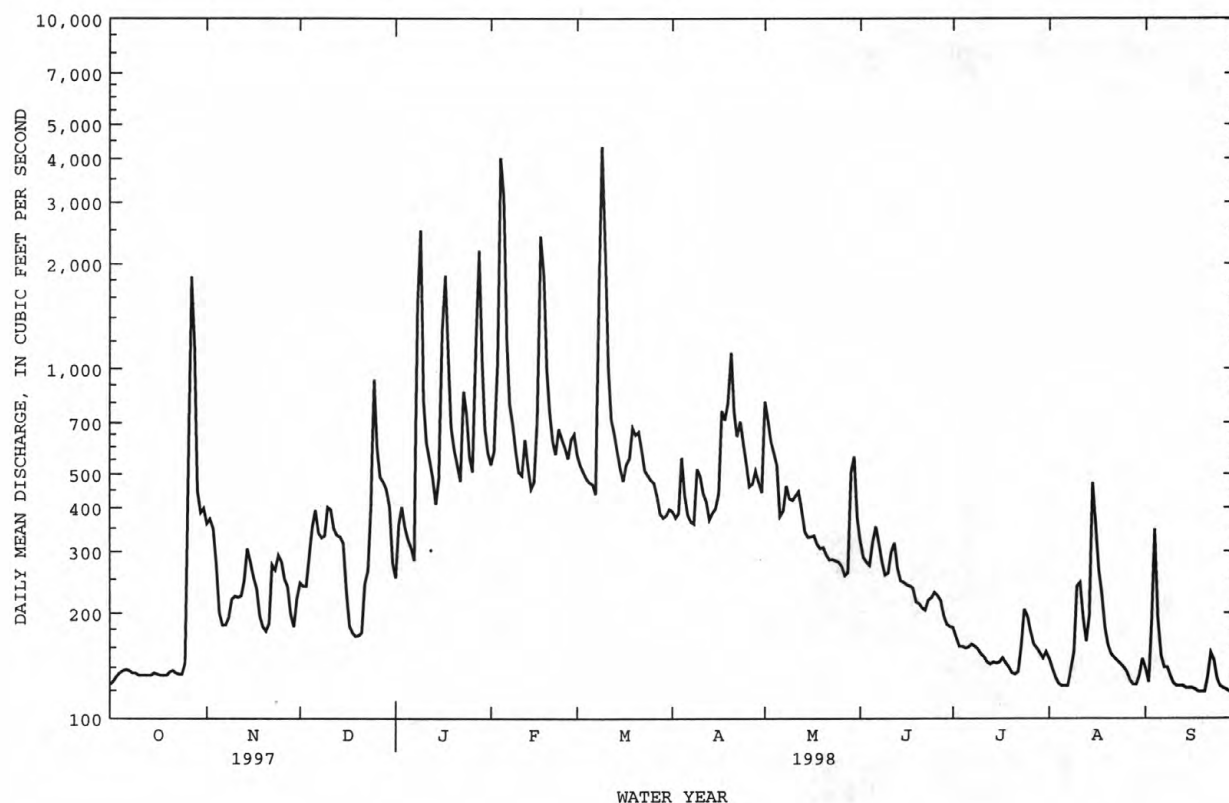
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1994 - 1998	
ANNUAL TOTAL	114044		151262		434	
ANNUAL MEAN	312		414		319	
HIGHEST ANNUAL MEAN					524	
LOWEST ANNUAL MEAN					319	
HIGHEST DAILY MEAN	1960	Mar 1	4320	Mar 9	11000	Aug 28 1995
LOWEST DAILY MEAN	51	*** Sep 20	119	**** Sep 18	51	Sep 20 1997
ANNUAL SEVEN-DAY MINIMUM	76	Sep 19	121	Sep 14	76	Sep 19 1997
INSTANTANEOUS PEAK FLOW			5160	Mar 9	* 12000	Aug 28 1995
INSTANTANEOUS PEAK STAGE			8.34	Mar 9	** 17.10	Aug 28 1995
ANNUAL RUNOFF (CFSM)	1.14		1.52		1.59	
ANNUAL RUNOFF (INCHES)	15.54		20.61		21.58	
10 PERCENT EXCEEDS	485		708		643	
50 PERCENT EXCEEDS	279		285		321	
90 PERCENT EXCEEDS	142		133		161	

* On basis of computation of peak flow over dam.

** From floodmark.

*** Also occurred on Sept. 21, 22.

**** Also occurred on Sept. 19, 20, 28, 29.



Santee River Basin

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02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'26'' (revised), long 82°04'03'' (revised), 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 mi².

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.--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	3.9	5.3	6.6	5.7	11	11	10	28	7.1	5.0	3.6	2.5
2	3.8	6.5	5.9	5.6	11	11	9.4	13	7.6	4.6	3.3	2.6
3	4.0	5.0	7.6	5.5	109	10	16	11	6.5	4.6	3.3	7.9
4	3.8	6.2	10	5.4	72	9.7	20	10	7.8	4.4	3.1	9.3
5	3.5	4.7	6.7	5.3	17	9.6	11	9.8	9.1	4.9	3.0	5.1
6	3.5	4.5	6.2	5.4	13	9.4	9.6	9.4	7.6	5.9	2.9	4.8
7	3.3	4.7	5.8	6.4	11	12	9.2	12	6.9	4.6	3.6	4.7
8	3.3	4.6	5.9	73	11	134	9.1	10	6.8	4.4	7.1	4.6
9	3.3	4.5	6.3	16	10	85	21	9.5	8.0	4.4	5.0	4.2
10	3.2	4.3	8.0	13	10	15	11	11	8.2	4.2	6.7	4.3
11	3.2	4.3	6.7	12	14	13	9.6	9.9	7.5	4.1	5.1	4.0
12	3.2	4.8	6.1	12	12	11	9.2	9.2	6.7	4.0	4.3	3.8
13	3.4	6.4	5.9	11	10	11	8.9	8.9	6.1	4.0	4.2	3.7
14	3.4	12	5.7	11	9.9	11	12	8.7	6.1	4.0	4.3	3.6
15	3.5	7.1	5.5	21	9.7	10	9.0	8.5	6.2	3.6	7.5	3.6
16	3.6	6.4	5.5	120	41	10	8.7	8.5	6.4	3.5	7.9	3.4
17	3.6	6.5	5.4	22	67	9.8	34	8.4	6.2	4.0	5.2	3.5
18	3.8	6.7	5.4	14	16	10	12	8.2	5.8	3.7	4.7	3.3
19	4.0	6.6	5.5	15	12	11	30	8.0	7.6	3.6	4.5	3.3
20	3.6	6.4	5.1	12	11	11	16	8.0	6.4	3.7	3.9	3.4
21	3.7	9.1	5.1	12	10	11	12	7.9	6.8	3.7	3.6	7.2
22	3.8	14	16	16	10	11	14	7.9	6.5	3.4	3.4	4.3
23	3.4	7.4	8.0	21	18	10	18	7.9	9.7	3.4	3.3	3.7
24	4.9	6.7	36	14	11	11	12	7.8	6.9	5.0	3.2	3.5
25	4.6	6.6	14	12	11	10	11	7.6	6.3	4.7	3.1	3.5
26	47	6.5	7.9	11	10	10	10	7.5	5.6	4.3	3.0	3.7
27	14	6.3	11	77	21	10	10	8.7	5.2	4.5	2.8	3.3
28	5.4	6.2	7.3	23	13	10	9.4	7.8	5.1	4.3	2.6	3.3
29	4.6	6.2	7.1	15	---	9.9	9.4	13	5.8	4.0	2.7	3.7
30	4.4	6.8	6.4	13	---	9.8	20	7.7	5.5	3.7	2.6	7.6
31	4.2	---	6.0	12	---	10	---	7.3	---	3.6	2.6	---
TOTAL	170.9	193.3	250.6	617.3	581.6	527.2	401.5	301.1	204.0	129.8	126.1	129.4
MEAN	5.51	6.44	8.08	19.9	20.8	17.0	13.4	9.71	6.80	4.19	4.07	4.31
MAX	47	14	36	120	109	134	34	28	9.7	5.9	7.9	9.3
MIN	3.2	4.3	5.1	5.3	9.7	9.4	8.7	7.3	5.1	3.4	2.6	2.5
CFSM	.85	1.00	1.25	3.08	3.22	2.63	2.07	1.50	1.05	.65	.63	.67
IN.	.98	1.11	1.44	3.55	3.35	3.04	2.31	1.73	1.17	.75	.73	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1998, BY WATER YEAR (WY)

	MEAN	8.21	9.26	9.99	12.6	13.4	14.2	10.3	9.63	7.92	6.25	7.72	5.36
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	7.15	4.87	4.65	4.02	1.61	2.40	3.27	
(WY)	1988	1982	1989	1981	1988	1981	1986	1986	1986	1986	1988	1985	

SANTÉE RIVER BASIN

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1980 - 1998	
ANNUAL TOTAL	2813.9		3632.8		9.56	
ANNUAL MEAN	7.71		9.95		15.2	
HIGHEST ANNUAL MEAN					5.69	
LOWEST ANNUAL MEAN					370	
HIGHEST DAILY MEAN	112	Feb 28	134	Mar 8	Aug 27 1995	
LOWEST DAILY MEAN	2.4 *	Sep 16	2.5	Sep 1	Aug 2 1986	
ANNUAL SEVEN-DAY MINIMUM	2.5	Sep 16	2.6	Aug 27	Jul 27 1986	
INSTANTANEOUS PEAK FLOW			326	Jan 16	563	
INSTANTANEOUS PEAK STAGE			5.70	Jan 16	7.86	
INSTANTANEOUS LOW FLOW			1.3 **	Aug 28	.98	
ANNUAL RUNOFF (CFSM)	1.19		1.54		1.48	
ANNUAL RUNOFF (INCHES)	16.20		20.92		20.10	
10 PERCENT EXCEEDS	11		14		14	
50 PERCENT EXCEEDS	6.6		6.8		7.2	
90 PERCENT EXCEEDS	3.3		3.5		3.6	

* Also occurred on Sept. 17, 21.

** Also occurred on Aug. 30 to Sept. 2.<

SANTÉE RIVER BASIN

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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 mi², 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 fair 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	e1660	1790	1780	2530	5570	5860	4170	7590	3590	1500	1390	1380
2	e1430	2260	1990	2290	4990	5020	4580	8750	2830	1780	1260	941
3	e1350	1940	1980	2670	5920	4370	4310	6990	2970	1500	1190	1600
4	e1350	2030	2070	2100	24500	4190	5600	5840	2660	1420	1070	2010
5	e1320	2160	2270	2000	32300	3780	5530	5030	3520	2140	1320	2330
6	e1210	1900	2080	2100	17400	4500	4270	4890	4290	2020	1260	1220
7	e1100	1680	2150	2620	9430	3990	3410	4400	4230	1690	1230	1420
8	e1160	1380	1900	6130	7240	11600	4420	4670	3050	1800	1180	1550
9	e1230	2070	2040	20200	6250	35000	13400	4640	2510	1890	1560	1350
10	e1120	1720	2260	11300	5540	31400	11600	4300	2620	1740	1580	833
11	e1140	1820	2280	5760	5100	14300	6050	4400	2960	1750	1600	866
12	e1060	1960	2230	4330	5250	8570	4950	4290	3080	1640	1250	1160
13	e1160	1440	1730	3640	5230	6920	4190	3910	2660	1570	1150	1260
14	e1190	1890	2220	3260	4550	6100	3850	3510	2510	1260	1310	1430
15	e1150	2220	1730	3430	4460	5680	4450	3570	2260	1560	1740	1100
16	e1190	1870	1880	9170	4510	5080	4060	3350	1960	1550	10900	1170
17	e1230	1720	1820	20300	9950	4790	8770	3350	2240	1510	4960	1290
18	e1280	1740	1920	12100	19300	5360	11200	3290	2310	1460	1960	1240
19	e1200	2070	1590	8010	12700	7940	7850	2810	2270	1630	1710	1130
20	e1250	1820	1530	6780	8150	8260	12100	2900	2030	1640	1380	1420
21	e1140	1940	1880	5120	6720	6800	11000	3090	2380	1120	1380	1210
22	e1190	3260	2660	4280	5950	6620	7880	3000	2000	1730	1300	1730
23	e1210	3640	3440	6360	6200	5690	9190	2820	1980	1460	1300	1740
24	e1320	2280	e3200	9460	7280	5120	7640	2940	2590	1080	1400	1590
25	924	1990	e12200	6920	6170	4850	5980	2630	2490	1840	1130	1080
26	1860	1980	e7480	5340	5430	4500	5190	2850	2050	1790	1440	1140
27	9480	1840	e4300	8740	5230	4460	4550	2360	2110	1590	1240	1230
28	8200	1970	e4140	27700	6830	4790	4430	3370	2000	2600	1220	1370
29	3750	1810	e3900	19100	---	4600	4780	3750	1550	2130	1170	1070
30	2050	1900	3070	8820	---	4260	4350	5550	1650	1540	1330	1480
31	1850	---	3170	6530	---	3740	---	4880	---	1260	1450	---
TOTAL	57754	60090	88890	239090	248150	238140	193750	129720	77350	51190	55360	40340
MEAN	1863	2003	2867	7713	8863	7682	6458	4185	2578	1651	1786	1345
MAX	9480	3640	12200	27700	32300	35000	13400	8750	4290	2600	10900	2330
MIN	924	1380	1530	2000	4460	3740	3410	2360	1550	1080	1070	833
CFSM	.68	.74	1.05	2.84	3.26	2.82	2.37	1.54	.95	.61	.66	.49
IN.	.79	.82	1.22	3.27	3.39	3.26	2.65	1.77	1.06	.70	.76	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1998, BY WATER YEAR (WY)

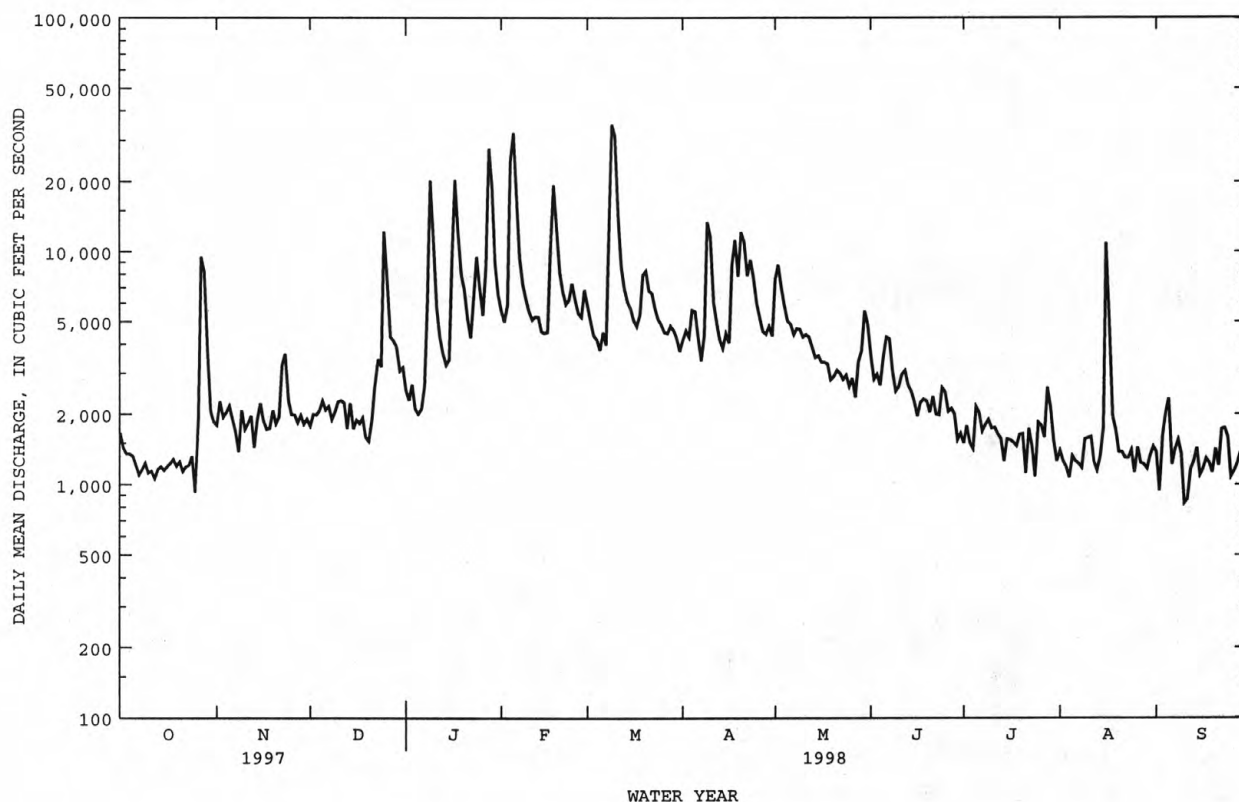
	1993	1994	1995	1996	1997	1998
MEAN	3093	3679	3645	6800	6569	7223
MAX	5338	8018	5731	9537	8863	11980
(WY)	1993	1993	1993	1993	1998	1993
MIN	1579	1742	2037	3461	3980	4796
(WY)	1994	1994	1994	1994	1995	1995

SANTEE RIVER BASIN

02156409 BROAD RIVER NEAR LOCKHART, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1993 - 1998	
ANNUAL TOTAL	1224377		1479824			
ANNUAL MEAN	3354		4054		4169	
HIGHEST ANNUAL MEAN					5569	
LOWEST ANNUAL MEAN					3268	
HIGHEST DAILY MEAN	23100	Mar 1	35000	Mar 9	57600	Jan 16 1995
LOWEST DAILY MEAN	750	Sep 23	833	Sep 10	750	Sep 23 1997
ANNUAL SEVEN-DAY MINIMUM	1030	Sep 4	1120	Sep 10	1030	Sep 4 1997
INSTANTANEOUS PEAK FLOW			39700	Mar 9	* 59300	Jan 16 1995
INSTANTANEOUS PEAK STAGE			20.42	Mar 9	25.41	Jan 16 1995
ANNUAL RUNOFF (CFSM)	1.23		1.49		1.53	
ANNUAL RUNOFF (INCHES)	16.75		20.24		20.83	
10 PERCENT EXCEEDS	5660		8070		7390	
50 PERCENT EXCEEDS	2770		2330		2950	
90 PERCENT EXCEEDS	1220		1230		1560	

e Estimated

* From rating curve extended above 27,000 ft³/s.

SANTÉE RIVER BASIN

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02156449 NEAL SHOALS RESERVOIR NEAR CARLISLE, SC

LOCATION.--Lat 34°39'51'', long 81°26'57'', Union County, Hydrologic Unit 03050106, at right wingwall of Neal Shoals Reservoir Dam.

DRAINAGE AREA.--2,730 mi², approximately.

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 ft³ below 333.9 ft (maximum normal lake elevation). Contents above 333.9 ft 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, 337.35 ft, Mar. 9; minimum gage height, 327.88, June 30.

GAGE HEIGHT, FEET, 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	332.64	332.45	332.47	331.48	332.74	332.80	333.62	334.09	331.51	330.42	333.22	333.50
2	333.16	332.51	332.52	333.02	332.48	332.26	333.86	333.94	331.12	331.69	332.60	332.00
3	332.89	332.73	333.23	332.62	333.26	331.69	333.38	333.43	331.46	330.74	332.46	333.40
4	333.09	333.16	332.36	331.64	336.47	330.83	334.02	333.03	330.82	333.10	332.69	332.50
5	332.17	333.05	332.27	333.03	336.48	332.66	333.47	332.88	332.19	332.82	332.73	334.30
6	332.32	332.54	332.78	333.39	334.82	333.33	331.62	332.68	332.17	332.59	333.09	331.60
7	332.78	332.01	332.01	332.64	334.01	333.13	333.31	332.36	332.02	332.70	332.19	333.00
8	332.75	332.85	332.36	334.79	333.71	335.69	333.56	332.87	331.07	333.16	333.10	333.13
9	332.00	332.68	333.32	335.31	333.32	337.35	334.89	332.49	330.18	332.06	333.38	331.74
10	332.58	332.88	332.55	333.53	333.14	336.02	333.60	332.52	331.44	333.05	333.35	332.08
11	332.56	332.98	332.90	332.76	332.60	334.41	332.52	332.41	330.78	332.33	332.93	332.59
12	333.08	332.10	332.36	332.26	332.87	333.73	332.26	332.39	331.93	332.27	332.06	333.39
13	333.03	332.03	333.23	332.36	332.25	333.44	331.88	331.92	330.93	332.53	332.70	333.17
14	332.87	332.05	332.01	332.00	332.72	333.28	332.13	331.85	330.20	332.57	332.67	332.64
15	332.85	332.84	332.71	332.04	332.58	332.78	332.22	331.87	330.35	332.31	334.62	333.01
16	333.47	331.11	332.67	334.96	332.40	332.36	332.16	331.70	330.35	332.91	334.39	332.96
17	333.21	332.40	332.72	335.12	335.37	332.11	334.94	331.41	331.08	333.10	332.28	333.42
18	333.06	332.70	332.78	333.61	335.72	333.01	334.06	331.49	330.33	333.02	332.52	332.32
19	333.49	332.51	332.43	333.48	334.36	334.11	333.77	332.12	331.70	333.02	332.44	333.12
20	332.57	331.92	332.26	332.75	333.88	332.87	334.86	331.43	331.05	333.40	332.32	332.99
21	332.89	332.36	333.24	332.41	333.56	333.01	333.91	331.12	331.36	333.05	332.94	333.43
22	332.61	334.22	333.00	332.11	333.02	332.18	333.75	331.48	329.47	333.53	332.47	333.46
23	332.82	333.73	332.64	333.72	333.44	331.52	334.09	332.51	331.90	333.10	332.93	333.80
24	331.67	332.24	333.02	333.68	333.59	330.96	333.30	331.14	332.35	332.53	332.69	332.74
25	331.39	332.08	334.41	332.81	332.95	331.47	332.98	330.87	330.19	333.90	333.14	332.63
26	333.59	332.90	333.18	332.50	332.58	331.16	332.50	330.97	331.80	332.52	333.20	332.85
27	334.72	332.98	332.55	334.98	333.14	333.52	332.51	331.19	331.87	334.17	332.80	333.11
28	333.27	332.61	332.72	336.43	333.32	333.85	332.65	332.02	328.75	334.10	332.60	332.52
29	331.82	332.89	332.51	334.60	---	333.83	332.71	332.70	330.03	333.79	332.60	332.71
30	331.86	332.82	332.44	333.68	---	333.01	332.82	333.12	327.88	332.97	333.10	333.73
31	332.04	---	332.00	333.19	---	333.19	---	332.20	---	332.28	333.50	---
MAX	334.72	334.22	334.41	336.43	336.48	337.35	334.94	334.09	332.35	334.17	334.62	334.30
MIN	331.39	331.11	332.00	331.48	332.25	330.83	331.62	330.87	327.88	330.42	332.06	331.60
(+)	132.8	149.4	131.9	157.3	160.1	157.3	149.4	136.2	54.2	137.9	164.0	168.9
(*)	-11.3	+6.40	-6.53	+9.48	+1.16	-1.05	-3.05	-4.93	-31.6	+31.2	+9.74	+1.89
CAL YR 1997	*	-0.34	MAX 336.05	MIN 328.87								
WTR YR 1998	*	+0.18	MAX 337.35	MIN 327.88								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

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 Neals Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 mi², 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 fair. 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1830	2380	2220	3360	5910	6590	3940	5960	4630	1950	1690	1420
2	1450	2480	2160	2980	5340	5550	4360	7680	3670	1920	1820	1450
3	1410	2530	2190	2850	5360	4980	4550	8090	3200	1990	1770	1370
4	1440	2170	2680	3010	18800	4550	5340	7460	3130	1870	1670	2900
5	1540	2100	2790	2410	34300	3990	5940	6670	3150	1830	1320	3340
6	1250	2170	2690	2470	24500	4150	4960	6040	3920	1980	1480	2270
7	1180	1990	2640	3120	13100	4240	3800	5560	4530	1790	1480	1500
8	1180	1640	2420	4740	8920	8630	3830	5110	4140	1670	1530	1430
9	1320	1860	2160	16000	7460	32700	12600	5120	3260	1910	1500	1910
10	1310	1870	2380	13700	5830	35800	15600	5000	2710	1880	1680	1440
11	1160	1720	2880	6870	5340	18400	7670	4890	3290	1800	1850	1220
12	1040	1810	2760	5430	5290	9530	5450	4790	3230	1770	1870	1180
13	1400	2220	2040	4500	5500	7480	4700	4640	3290	1690	1920	1400
14	1370	2290	2750	3850	4710	6380	4130	4270	2960	1640	1820	1370
15	1140	2610	2050	3850	4540	6030	4540	4010	2810	1410	1850	1450
16	1260	2750	2050	7690	4720	5600	4500	3900	2410	1610	8910	1250
17	1390	1870	1980	19600	7500	5420	7260	3790	2260	1700	8420	1210
18	1360	1800	2010	14200	17500	5510	13000	3660	2590	1780	3870	1390
19	1360	1860	2120	9200	14900	6910	10300	3370	2530	1750	2580	1360
20	1580	2140	1970	8170	8790	9230	9850	3110	2310	1880	2140	1240
21	1210	1860	1880	5950	7000	7290	12100	3290	2490	1870	2010	1400
22	1430	3220	2340	5100	6200	7190	10900	3250	2580	1650	1890	1670
23	1340	4260	4550	6430	6170	6590	9970	3100	2300	1770	1700	1970
24	1520	3100	4350	9830	7360	5820	9700	3120	2240	1760	1760	2060
25	1570	2450	11500	7790	6640	5340	8640	3050	2760	1730	1530	1670
26	1540	2000	9420	5990	5770	5000	7660	3070	2580	1920	1410	1360
27	7290	2240	5530	7750	5240	4620	6630	2770	2200	2030	1690	1260
28	9880	2160	5200	23800	6530	4510	5860	2970	2360	2400	1580	1400
29	5470	2080	5000	23700	---	4570	5530	3890	2220	2710	1490	1440
30	3090	2090	4050	10100	---	4520	5340	4930	2140	2630	1300	1300
31	2220	---	3910	7130	---	3950	---	5530	---	2240	1280	---
TOTAL	63530	67720	104670	251570	259220	251070	218650	142090	87890	58530	68810	47630
MEAN	2049	2257	3376	8115	9258	8099	7288	4584	2930	1888	2220	1588
MAX	9880	4260	11500	23800	34300	35800	15600	8090	4630	2710	8910	3340
MIN	1040	1640	1880	2410	4540	3950	3800	2770	2140	1410	1280	1180
CFSM	.73	.81	1.21	2.91	3.32	2.90	2.61	1.64	1.05	.68	.80	.57
IN.	.85	.90	1.40	3.35	3.46	3.35	2.92	1.89	1.17	.78	.92	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1998, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	3185	3122	3841	5004	5854	6336	5239	3922	3254	2809	3011	2503
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	750	628
(WY)	1955	1955	1956	1956	1941	1988	1986	1941	1988	1986	1956	1954

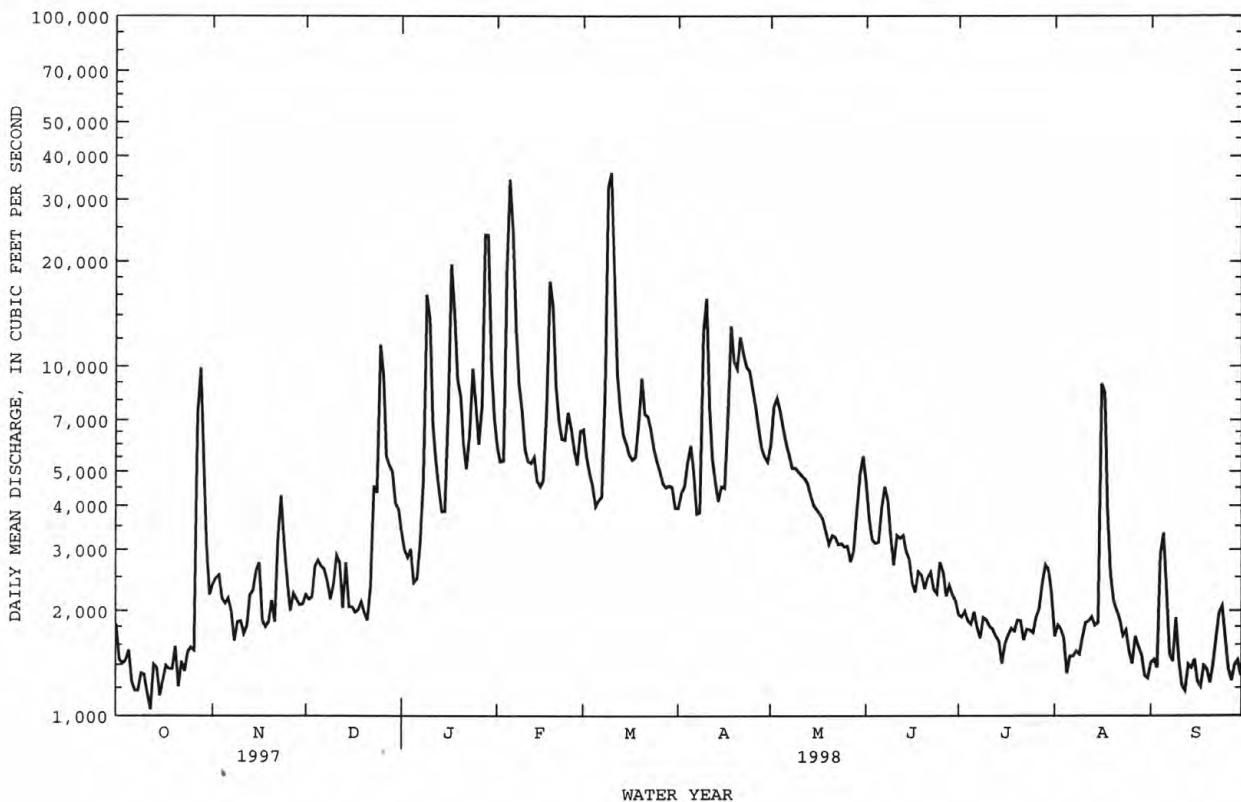
SANTEE RIVER BASIN

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02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1939 - 1998	
ANNUAL TOTAL	1262704		1621380			
ANNUAL MEAN	3459		4442		3998	
HIGHEST ANNUAL MEAN					5977	
LOWEST ANNUAL MEAN					1980	
HIGHEST DAILY MEAN	22100	Mar 1	35800	Mar 10	114000	Oct 10 1976
LOWEST DAILY MEAN	854	Sep 24	1040	Oct 12	44	Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	1110	Sep 18	1210	Oct 6	475	Oct 15 1954
INSTANTANEOUS PEAK FLOW			41100	Mar 10	* 123000	Oct 10 1976
INSTANTANEOUS PEAK STAGE			18.30	Mar 10	31.51	Oct 10 1976
ANNUAL RUNOFF (CFSM)	1.24		1.59		1.43	
ANNUAL RUNOFF (INCHES)	16.84		21.62		19.47	
10 PERCENT EXCEEDS	5630		8630		6850	
50 PERCENT EXCEEDS	2770		2850		2930	
90 PERCENT EXCEEDS	1320		1410		1410	

* From rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neals Shoals Dam.



SANTEE RIVER BASIN

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, June 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992.

WATER TEMPERATURE: Maximum, 35.5°C, July 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, July 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 345 microsiemens, Sept. 17; minimum, 30 microsiemens, Jan. 9.

pH: Maximum, 9.1 units, Sept. 23, 24; minimum, 5.8 units, Dec. 19.

WATER TEMPERATURE: Maximum, 31.0°C, several days June, July; minimum, 2.5°C, Jan. 2.

DISSOLVED OXYGEN: Maximum, 14.0 mg/L, Jan. 28; minimum, 5.0 mg/L, July 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	117	110	113	101	85	94	116	106	109	66	64	65
2	133	117	127	103	101	102	108	98	102	71	66	68
3	121	106	114	110	102	107	98	94	95	74	70	73
4	114	106	111	107	94	100	96	89	92	75	73	74
5	135	111	125	98	94	95	104	88	96	79	75	77
6	136	125	128	104	97	101	111	98	105	80	77	78
7	142	134	139	105	104	105	111	100	104	84	74	78
8	137	130	134	114	104	109	102	100	102	87	69	82
9	134	130	131	125	114	116	101	100	101	70	30	45
10	148	131	141	131	125	128	101	97	98	46	31	39
11	153	145	148	129	116	123	104	97	100	53	44	48
12	148	136	144	118	106	114	104	99	102	56	49	54
13	144	135	139	126	106	117	107	98	103	59	53	57
14	165	143	158	118	108	113	113	104	107	71	59	65
15	165	154	161	120	105	112	122	113	119	76	71	73
16	157	145	153	120	108	114	114	103	106	77	60	72
17	151	142	145	116	109	112	111	104	107	60	32	47
18	168	151	159	114	108	111	112	105	109	---	---	---
19	157	137	147	114	110	112	117	112	114	---	---	---
20	148	136	143	121	111	116	115	109	112	---	---	---
21	153	145	148	122	112	117	121	114	118	---	---	---
22	153	139	147	113	100	106	126	106	116	---	---	---
23	147	139	143	109	98	102	112	86	95	76	71	73
24	156	146	151	103	98	101	89	57	74	75	67	71
25	155	144	147	103	99	101	71	57	62	68	62	65
26	144	100	130	106	102	105	59	55	56	66	63	65
27	140	62	116	107	104	105	59	56	58	69	48	58
28	62	47	55	109	103	105	59	57	58	52	46	49
29	66	57	62	106	101	103	59	57	58	53	44	49
30	74	66	70	117	104	107	61	57	59	58	51	55
31	85	74	79	---	---	---	64	61	63	66	57	61
MONTH	168	47	129	131	85	108	126	55	94	---	---	---

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	72	59	62	71	70	71	80	74	77	76	70	73
2	71	61	66	70	69	69	82	74	77	75	68	72
3	68	53	62	71	67	69	82	79	80	68	61	65
4	57	33	48	74	69	72	85	76	79	64	61	63
5	---	---	---	85	74	79	85	80	82	67	63	65
6	---	---	---	86	77	81	81	79	80	70	65	68
7	---	---	---	85	81	82	88	81	84	77	70	73
8	---	---	---	83	53	71	88	83	86	85	76	79
9	---	---	---	54	43	48	87	36	55	85	81	83
10	63	59	61	43	35	41	61	45	55	81	78	79
11	69	63	66	---	---	---	71	61	67	79	76	77
12	74	69	71	---	---	---	72	66	69	77	75	76
13	73	70	72	62	57	60	73	69	70	78	74	75
14	79	71	75	68	61	65	73	71	72	88	77	80
15	81	76	78	71	68	69	73	70	72	92	87	89
16	80	73	76	71	69	70	77	69	72	92	90	92
17	73	58	67	69	66	68	77	48	60	92	90	91
18	58	43	48	71	66	68	69	57	63	93	88	91
19	49	43	46	70	64	68	62	57	58	95	83	90
20	55	49	53	68	65	66	59	55	58	95	83	88
21	61	55	59	68	65	67	55	50	52	97	93	95
22	64	61	62	69	63	66	56	51	55	102	94	97
23	64	59	62	65	62	64	61	56	59	106	100	102
24	61	58	59	64	63	63	64	60	62	104	99	100
25	65	58	61	72	64	69	70	64	68	100	94	96
26	68	64	67	79	70	75	74	69	71	96	90	94
27	73	68	71	86	75	79	74	71	72	94	85	88
28	75	71	73	80	76	78	75	72	73	95	85	89
29	---	---	---	80	77	78	75	72	74	91	46	78
30	---	---	---	79	74	76	82	70	74	87	72	79
31	---	---	---	80	75	77	---	---	---	76	71	73
MONTH	---	---	---	---	---	---	88	36	69	106	46	83
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	77	70	73	---	---	---	128	99	108	146	138	142
2	76	72	74	123	105	108	113	104	106	151	146	148
3	84	76	81	108	97	103	121	110	117	149	71	135
4	88	84	86	97	91	94	133	114	120	130	109	118
5	98	87	93	102	94	97	138	115	121	113	105	108
6	98	84	92	105	97	100	124	115	117	140	113	122
7	88	82	87	137	93	102	143	117	125	149	130	138
8	82	78	80	137	97	121	135	126	131	167	111	140
9	85	80	82	103	89	99	150	123	133	128	110	117
10	92	82	85	105	99	102	133	125	129	133	116	122
11	92	87	90	117	99	104	137	124	132	190	131	162
12	101	88	93	115	106	110	131	113	123	224	190	204
13	100	94	97	126	112	119	121	112	115	235	212	223
14	101	93	96	128	118	124	135	119	127	248	134	223
15	101	99	100	130	120	125	126	111	115	315	199	243
16	101	94	97	126	108	118	120	56	84	341	315	329
17	104	96	99	145	118	133	66	56	61	345	327	338
18	111	102	107	130	116	122	76	66	70	---	---	---
19	113	100	105	135	120	126	79	72	75	---	---	---
20	115	100	103	144	119	135	84	78	82	250	147	186
21	112	102	108	140	131	137	90	82	86	219	138	158
22	122	111	116	142	114	130	101	90	95	143	120	138
23	111	103	106	122	111	116	108	101	106	135	117	128
24	115	104	108	137	121	131	115	106	112	149	131	140
25	110	102	106	146	123	132	124	112	120	148	137	139
26	109	97	101	139	124	132	122	111	116	138	126	135
27	110	100	103	167	132	143	122	110	112	128	120	124
28	111	100	106	168	103	119	128	114	122	154	128	141
29	120	105	113	119	102	112	133	124	128	162	154	157
30	---	---	---	138	100	123	135	132	134	164	149	159
31	---	---	---	137	95	114	139	134	137	---	---	---
MONTH	---	---	---	---	---	---	150	56	112	---	---	---

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	6.9	7.0	6.8	7.3	7.0	6.8	6.6	6.9	6.7	6.9	6.8
2	7.4	6.7	7.1	7.0	7.5	7.0	6.9	6.6	6.9	6.8	6.9	6.8
3	7.2	6.6	7.1	6.7	7.1	6.9	6.9	6.6	6.8	6.6	6.9	6.5
4	7.3	6.6	7.0	6.5	7.3	7.0	6.9	6.6	6.6	6.5	6.6	6.4
5	7.0	6.6	6.8	6.4	7.3	6.9	7.0	6.6	6.5	6.4	6.7	6.4
6	7.4	6.6	6.7	6.5	7.1	6.5	6.7	6.6	6.6	6.5	6.9	6.5
7	7.4	6.6	6.9	6.6	7.0	6.2	6.6	6.6	6.7	6.6	7.0	6.6
8	7.4	6.6	7.1	6.6	7.0	6.2	6.7	6.4	6.8	6.7	7.0	6.7
9	7.4	6.6	7.2	6.6	7.1	6.9	6.4	6.1	6.8	6.7	6.7	6.5
10	7.3	6.6	7.0	6.5	7.1	7.0	6.4	6.1	6.8	6.7	6.5	6.5
11	7.5	6.6	7.2	6.5	7.2	6.9	6.5	6.3	6.8	6.7	6.7	6.5
12	7.0	6.6	7.3	6.5	7.1	6.9	6.5	6.4	6.9	6.8	6.7	6.4
13	7.2	6.6	7.2	7.1	7.2	6.9	6.6	6.4	6.9	6.8	6.7	6.3
14	7.0	6.6	7.2	7.1	7.0	6.9	6.9	6.4	6.9	6.8	6.7	6.5
15	7.0	6.9	7.3	7.1	7.5	6.5	6.9	6.9	6.9	6.7	6.7	6.5
16	7.1	7.0	7.3	7.0	7.6	6.3	6.9	6.7	6.9	6.8	6.5	6.4
17	7.1	7.0	7.4	6.7	7.8	6.1	6.7	6.5	6.9	6.8	6.4	6.3
18	7.0	7.0	7.4	6.4	7.5	6.0	6.7	6.6	6.8	6.6	7.0	6.3
19	7.1	7.0	7.4	6.8	7.8	5.8	6.7	6.6	6.7	6.6	6.9	6.9
20	7.1	6.9	7.4	6.7	7.6	6.0	6.8	6.7	6.7	6.7	6.9	6.9
21	7.2	6.9	7.2	6.6	7.1	6.0	6.9	6.7	6.8	6.7	6.9	6.9
22	7.0	7.0	7.3	7.0	6.8	6.5	6.9	6.8	6.8	6.6	7.0	6.7
23	7.2	7.0	7.1	6.9	6.8	6.6	6.8	6.7	6.8	6.8	6.9	6.6
24	7.1	7.0	7.0	6.9	6.6	6.2	6.8	6.8	6.9	6.8	7.0	6.6
25	7.2	7.0	7.1	6.6	6.4	6.3	6.9	6.8	6.9	6.8	7.0	6.8
26	7.1	6.7	7.1	6.5	6.4	6.3	6.9	6.8	6.8	6.7	7.1	6.7
27	7.1	6.5	7.2	6.3	6.5	6.4	6.8	6.4	6.9	6.8	6.9	6.6
28	6.6	6.5	7.0	6.2	6.7	6.4	6.6	6.5	7.0	6.8	6.8	6.5
29	6.7	6.6	7.0	6.4	6.6	6.5	6.6	6.5	---	---	6.9	6.5
30	6.8	6.6	7.1	7.0	6.8	6.5	6.7	6.6	---	---	6.9	6.5
31	6.8	6.6	---	---	6.8	6.5	6.8	6.7	---	---	6.9	6.6
MONTH	7.5	6.5	7.4	6.2	7.8	5.8	7.0	6.1	7.0	6.4	7.1	6.3
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.6	6.9	6.8	6.9	6.9	7.0	6.7	7.3	6.8	7.5	6.9
2	7.3	7.0	6.9	6.6	7.0	6.9	7.5	6.7	7.2	6.6	7.9	6.9
3	7.1	6.9	6.9	6.6	7.1	7.0	7.4	6.8	7.5	6.6	7.2	6.7
4	7.1	7.0	6.9	6.8	7.0	6.9	7.2	6.9	7.0	6.5	7.1	7.0
5	7.1	7.0	6.9	6.7	7.1	7.0	7.9	6.9	7.1	6.6	7.1	7.0
6	7.1	6.6	6.9	6.6	7.0	6.9	7.5	6.4	7.1	6.6	7.4	6.5
7	6.9	6.5	6.9	6.6	7.0	7.0	7.2	6.4	7.3	6.7	7.6	6.7
8	6.9	6.5	7.0	6.9	7.1	6.9	7.2	6.9	7.3	6.7	7.7	6.5
9	6.9	6.1	7.0	6.8	7.1	7.0	7.7	7.0	7.0	6.8	7.2	6.5
10	6.5	6.4	7.3	6.8	7.1	7.0	7.5	6.8	7.0	6.7	6.9	6.7
11	6.7	6.5	7.3	6.9	7.2	7.1	7.2	6.5	7.0	6.6	6.9	6.8
12	6.8	6.4	7.2	6.8	7.3	7.0	7.1	6.6	7.1	6.6	7.3	6.8
13	6.8	6.4	7.0	6.7	7.2	7.0	7.4	6.5	7.1	6.5	7.3	6.5
14	6.8	6.3	7.0	6.5	7.1	6.9	7.4	6.4	7.1	6.8	7.3	6.6
15	7.0	6.8	7.0	6.4	7.2	6.9	7.5	6.6	7.2	6.8	7.4	6.4
16	6.9	6.8	6.9	6.3	7.3	6.9	7.3	6.6	7.2	6.6	8.1	7.1
17	6.8	6.3	6.7	6.3	7.4	7.0	7.3	6.6	6.8	6.7	8.0	7.5
18	6.8	6.6	7.0	6.3	7.4	6.9	7.5	7.3	6.8	6.7	8.0	7.0
19	6.7	6.7	7.1	6.3	7.3	6.9	7.5	6.9	6.9	6.8	7.4	6.9
20	6.9	6.7	7.1	6.4	7.3	7.1	7.2	6.9	7.2	6.8	7.8	7.0
21	6.8	6.6	7.1	6.6	7.4	7.0	7.3	6.9	7.5	6.7	7.8	6.7
22	6.8	6.7	7.1	6.4	7.6	7.1	7.4	6.9	7.4	6.7	9.0	7.5
23	6.8	6.7	7.0	6.5	7.5	7.0	7.2	6.8	7.5	6.7	9.1	8.8
24	6.9	6.7	6.6	6.4	7.5	6.9	7.5	6.9	7.6	6.6	9.1	8.2
25	6.8	6.5	7.2	6.4	7.3	7.0	7.4	7.0	7.9	6.6	8.5	7.8
26	6.7	6.4	7.1	6.5	7.0	6.7	7.5	6.9	7.7	6.9	8.2	7.2
27	6.6	6.3	7.1	6.5	7.0	6.6	7.3	6.8	8.0	6.9	7.6	7.1
28	6.6	6.0	7.0	6.5	7.3	6.9	7.3	7.0	8.1	6.7	7.6	7.1
29	6.6	6.0	6.9	6.5	7.6	6.8	7.0	6.6	8.0	6.8	7.4	7.1
30	6.8	6.0	6.9	6.8	7.3	6.8	7.1	6.9	8.0	6.8	8.2	7.4
31	---	---	6.9	6.8	---	---	7.1	6.6	8.1	7.0	---	---
MONTH	7.3	6.0	7.3	6.3	7.6	6.6	7.9	6.4	8.1	6.5	9.1	6.4
YEAR	9.1	5.8										

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.5	19.0	20.0	13.5	13.0	13.5	10.5	9.0	9.5	4.0	3.0	3.5
2	21.5	19.0	20.0	14.5	13.5	14.0	10.0	9.5	9.5	3.5	2.5	3.0
3	21.0	17.5	19.5	14.0	13.0	13.5	9.5	9.0	9.5	4.0	3.0	3.5
4	20.5	18.0	19.5	14.0	12.5	13.5	10.0	9.0	9.5	5.0	3.5	4.0
5	20.5	17.5	19.0	13.5	12.0	12.5	10.0	9.0	9.5	7.0	5.0	6.0
6	21.0	18.0	20.0	12.0	11.0	12.0	9.0	7.0	8.0	8.5	7.0	7.5
7	21.5	18.5	20.5	11.5	11.0	11.5	7.0	6.0	6.5	11.0	8.5	9.5
8	22.0	19.5	21.0	11.5	10.5	11.0	6.0	5.0	5.0	13.5	11.0	12.0
9	22.5	20.0	21.0	11.5	9.5	10.5	5.0	4.5	5.0	13.5	10.5	12.5
10	22.5	20.0	21.5	11.5	10.0	11.0	5.0	4.5	5.0	10.5	10.0	10.5
11	22.5	20.5	21.5	12.0	10.0	10.5	6.0	5.0	5.5	10.0	9.0	9.5
12	22.0	21.0	21.5	11.0	10.0	10.5	7.0	6.0	6.5	9.0	8.5	9.0
13	22.0	20.0	21.0	10.0	9.5	10.0	7.0	6.5	7.0	9.0	8.5	9.0
14	22.0	20.5	21.5	10.0	9.0	9.5	7.0	6.5	7.0	9.0	9.0	9.0
15	21.5	19.5	20.0	10.0	9.0	9.5	6.5	5.5	6.0	9.0	8.0	8.5
16	19.5	18.5	19.0	9.5	9.0	9.5	6.5	4.5	5.5	8.0	7.5	7.5
17	18.5	18.0	18.5	9.5	7.5	8.5	6.0	4.5	5.0	7.5	7.0	7.5
18	18.0	17.0	17.5	8.5	6.5	8.0	5.5	4.5	5.0	7.5	7.0	7.5
19	17.0	16.0	16.5	8.0	6.5	7.0	6.0	4.5	5.0	7.5	7.0	7.0
20	17.0	15.5	16.0	7.5	6.5	6.5	6.0	4.5	5.0	7.0	7.0	7.0
21	17.0	15.0	16.0	7.5	6.5	7.0	6.5	5.0	5.5	7.0	6.0	6.5
22	16.5	15.5	16.0	8.5	7.0	7.5	6.5	5.5	6.0	7.0	6.5	6.5
23	16.0	14.5	15.0	9.5	8.5	9.0	6.5	6.0	6.5	7.0	7.0	7.0
24	15.5	14.0	14.5	9.5	8.5	9.0	7.5	6.5	7.0	7.5	7.0	7.5
25	16.0	14.5	15.0	8.5	8.0	8.0	8.5	7.5	8.0	7.5	7.0	7.5
26	16.0	15.0	15.5	8.0	7.0	7.5	8.5	8.0	8.0	7.5	6.5	7.0
27	15.5	15.0	15.0	8.5	7.0	7.5	8.0	7.5	8.0	7.0	6.0	6.5
28	15.0	14.0	14.5	8.5	7.0	8.0	7.5	6.5	7.0	6.5	6.0	6.5
29	14.0	13.5	14.0	8.5	8.0	8.0	6.5	5.0	5.5	7.0	6.5	7.0
30	14.0	12.5	13.5	9.5	8.0	9.0	5.0	4.0	4.5	7.5	7.0	7.0
31	13.5	13.0	13.0	---	---	---	4.5	4.0	4.0	7.5	7.0	7.0
MONTH	22.5	12.5	18.0	14.5	6.5	9.8	10.5	4.0	6.6	13.5	2.5	7.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	6.5	7.0	13.0	12.0	12.5	19.5	18.5	19.0	17.0	16.5	17.0
2	7.0	6.0	6.5	13.0	12.0	12.5	19.0	18.0	18.5	17.5	16.5	17.0
3	7.0	6.5	7.0	12.5	11.0	11.5	18.5	16.5	17.5	17.0	16.5	17.0
4	7.0	7.0	7.0	11.0	9.5	10.5	16.5	15.5	16.0	17.5	16.5	17.0
5	7.5	7.0	7.0	10.0	9.5	9.5	15.5	14.5	15.0	18.5	16.5	17.5
6	7.5	7.5	7.5	10.0	9.5	9.5	15.5	14.0	15.0	19.0	17.0	18.5
7	8.0	7.5	8.0	10.0	9.5	9.5	17.0	14.5	15.5	---	---	---
8	8.5	7.5	8.0	11.0	10.0	10.5	18.0	16.5	17.0	---	---	---
9	9.0	8.0	8.5	11.5	11.0	11.5	18.0	17.0	17.5	20.5	19.0	20.0
10	9.0	8.0	8.5	11.5	10.5	11.0	17.5	16.5	17.0	20.5	19.5	20.0
11	8.5	8.0	8.5	10.5	9.0	10.0	16.5	15.5	16.0	20.5	19.0	20.0
12	9.5	8.0	8.5	9.0	8.0	8.5	16.5	15.0	15.5	20.5	19.0	20.0
13	9.0	8.5	8.5	8.5	7.5	8.0	16.5	14.5	15.5	21.5	19.0	20.0
14	9.5	8.5	9.0	9.0	7.5	8.5	16.0	15.0	15.5	22.5	20.0	21.0
15	9.0	8.5	9.0	10.5	8.5	9.5	17.0	15.5	16.0	23.5	21.0	22.0
16	9.0	8.5	8.5	10.5	10.0	10.0	18.0	16.5	17.5	24.5	22.5	23.5
17	9.0	8.0	8.5	10.0	9.0	10.0	---	---	---	24.0	23.0	23.5
18	9.5	8.5	9.0	9.0	8.5	8.5	---	---	---	25.0	23.0	24.0
19	10.0	9.0	9.5	9.5	8.5	9.0	---	---	---	25.0	23.0	24.0
20	10.5	9.5	10.0	11.5	9.5	10.5	---	---	---	25.0	23.5	24.5
21	10.5	9.5	10.0	12.0	11.0	11.5	---	---	---	26.0	24.5	25.0
22	10.0	9.5	9.5	12.0	11.0	11.5	---	---	---	26.0	24.5	25.5
23	9.5	9.0	9.5	12.0	10.5	11.0	15.0	14.5	14.5	26.0	24.5	25.5
24	10.0	9.0	9.5	12.5	11.0	11.5	15.0	14.0	14.5	26.0	24.5	25.0
25	10.5	9.0	10.0	12.0	11.5	12.0	16.0	14.5	15.0	25.5	24.0	25.0
26	11.0	9.5	10.5	13.0	11.0	12.0	17.0	15.5	16.5	26.5	24.0	25.5
27	11.5	10.5	11.0	15.0	12.0	13.5	18.0	16.5	17.0	26.5	25.0	26.0
28	12.0	11.0	11.5	15.5	14.0	15.0	17.5	16.5	17.0	26.5	25.0	25.5
29	---	---	---	17.0	15.0	16.0	17.5	16.5	17.0	26.0	21.5	24.5
30	---	---	---	18.0	16.0	17.0	17.0	16.5	17.0	25.5	24.5	25.0
31	---	---	---	18.5	17.0	18.0	---	---	---	25.5	24.0	25.0
MONTH	12.0	6.0	8.8	18.5	7.5	11.3	---	---	---	---	---	---

Santee River Basin

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	24.5	25.5	31.0	29.0	30.0	29.0	26.5	27.5	29.5	28.0	29.0
2	27.0	25.0	26.0	30.0	29.0	29.5	28.0	26.0	27.0	29.5	27.5	28.5
3	28.0	25.5	26.5	29.5	28.5	29.0	28.0	25.5	26.5	28.0	22.5	26.0
4	27.5	26.5	27.0	30.5	29.0	29.5	28.0	25.0	26.5	25.5	24.0	24.5
5	27.0	25.5	26.0	30.0	28.5	29.0	27.5	24.0	26.0	25.0	23.5	24.0
6	---	---	---	29.5	28.0	29.0	27.5	25.0	26.5	27.0	25.0	26.0
7	---	---	---	30.0	28.0	29.0	27.5	25.5	26.5	28.0	25.5	27.0
8	---	---	---	30.5	28.0	29.0	28.0	26.0	27.0	27.0	26.0	26.5
9	23.5	22.0	22.5	31.0	28.0	29.5	28.0	26.0	27.0	26.5	24.5	25.5
10	22.5	22.0	22.0	31.0	29.0	29.5	28.0	26.0	27.0	25.5	23.0	24.5
11	23.5	21.5	22.0	30.0	28.0	29.0	28.5	26.5	27.5	25.0	22.0	24.0
12	25.5	22.5	24.0	30.0	27.5	28.5	30.0	27.0	28.0	25.0	22.0	24.0
13	26.5	24.5	25.5	29.5	27.5	28.5	29.5	27.5	28.5	25.5	23.0	24.5
14	26.5	25.0	26.0	29.5	27.0	28.0	28.5	27.0	27.5	26.0	23.5	25.0
15	27.0	25.5	26.5	29.0	26.5	28.0	28.5	26.5	27.5	26.0	24.0	25.0
16	27.0	25.5	26.5	29.0	27.0	28.0	27.5	24.5	25.5	26.5	24.5	25.5
17	28.0	26.0	27.0	29.5	27.5	28.5	25.5	24.0	24.5	27.0	25.0	26.0
18	28.0	25.5	27.0	30.0	27.5	28.5	27.0	25.0	26.0	27.0	25.5	26.5
19	28.0	26.5	27.0	---	---	---	27.5	26.0	27.0	26.0	25.5	25.5
20	27.5	26.0	27.0	---	---	---	27.5	26.0	27.0	27.0	25.0	26.0
21	28.0	26.0	27.0	---	---	---	27.5	25.5	26.5	26.5	25.5	26.0
22	28.5	26.5	28.0	---	---	---	28.0	25.5	26.5	26.5	25.0	25.5
23	28.5	26.5	28.0	---	---	---	28.5	25.5	27.0	26.0	24.5	25.0
24	29.0	28.0	28.5	---	---	---	28.5	26.0	27.0	25.5	24.0	24.5
25	29.5	27.0	28.5	---	---	---	29.0	26.0	28.0	25.5	22.5	24.0
26	30.0	27.5	29.0	---	---	---	28.5	26.5	28.0	25.0	23.0	24.0
27	29.5	29.0	29.5	---	---	---	29.0	27.0	28.0	25.5	23.0	24.5
28	31.0	29.5	30.0	---	---	---	30.0	27.0	28.5	25.0	24.0	24.5
29	31.0	29.5	30.5	27.5	26.0	27.0	30.0	27.5	29.0	24.5	24.0	24.5
30	30.5	29.5	30.0	28.0	26.5	27.5	30.0	28.0	29.0	25.0	24.0	24.5
31	---	---	---	28.5	27.5	28.0	30.0	28.0	29.0	---	---	---
MONTH	---	---	---	---	---	---	30.0	24.0	27.2	29.5	22.0	25.4

SANTÉE RIVER BASIN

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02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.8	7.5	7.6	9.7	9.4	9.6	10.8	10.3	10.5	12.9	12.3	12.6
2	8.3	7.5	7.8	9.5	9.1	9.3	10.9	10.2	10.5	13.1	12.8	12.9
3	8.5	7.6	8.0	9.3	9.1	9.2	10.7	10.2	10.4	13.3	12.9	13.1
4	8.6	7.7	8.1	9.6	9.2	9.4	10.9	10.3	10.5	13.1	12.5	12.9
5	8.4	7.9	8.1	9.6	8.8	9.2	10.8	10.3	10.5	12.5	11.9	12.4
6	9.1	7.9	8.3	9.1	8.8	9.0	11.1	10.4	10.7	12.0	11.2	11.8
7	8.9	7.8	8.2	9.3	9.0	9.2	11.5	10.8	11.2	11.2	10.6	11.0
8	8.9	7.7	8.1	9.5	9.3	9.4	12.1	11.4	11.8	10.6	10.0	10.2
9	8.6	7.5	7.9	9.6	9.4	9.5	12.3	11.8	12.1	12.4	10.3	11.5
10	8.5	7.4	7.8	10.0	9.4	9.8	12.4	11.8	12.1	12.4	11.1	11.7
11	8.9	7.5	8.0	10.2	9.8	9.9	12.0	11.5	11.8	11.2	10.7	10.9
12	8.3	7.5	7.8	10.3	9.8	10.0	11.8	11.3	11.5	10.8	10.7	10.7
13	8.5	7.5	7.9	10.1	9.9	10.0	11.9	11.0	11.4	10.8	10.5	10.6
14	7.7	7.4	7.6	10.1	9.9	10.0	11.2	10.9	11.1	10.9	10.5	10.6
15	7.9	7.4	7.7	10.3	9.9	10.1	12.1	11.1	11.5	10.8	10.6	10.7
16	8.4	7.8	8.1	10.5	10.0	10.3	12.4	11.3	11.7	12.5	10.7	11.2
17	8.2	7.8	8.0	10.9	10.4	10.6	12.8	11.6	12.1	13.2	12.5	13.1
18	8.3	8.0	8.2	11.1	10.5	10.8	13.0	11.8	12.3	13.0	11.8	12.5
19	8.7	8.2	8.5	11.2	10.9	11.0	13.2	12.0	12.4	11.8	11.5	11.7
20	8.7	8.4	8.6	11.6	11.0	11.3	13.2	12.0	12.5	11.8	11.6	11.7
21	9.5	8.4	9.0	11.2	11.0	11.2	13.1	11.9	12.3	11.8	11.6	11.7
22	9.1	8.9	8.9	11.2	10.6	11.0	12.0	11.7	11.8	11.8	11.7	11.7
23	9.6	8.9	9.1	10.6	10.0	10.2	11.8	11.2	11.5	12.0	11.4	11.6
24	9.1	8.8	8.9	10.4	10.0	10.2	11.2	10.8	11.0	12.2	11.9	12.1
25	9.2	8.7	8.9	10.7	10.4	10.6	12.1	10.8	11.7	11.9	11.6	11.8
26	8.9	8.5	8.7	11.2	10.6	10.9	11.9	11.0	11.4	11.7	11.6	11.7
27	10.0	8.5	9.0	11.4	10.9	11.2	11.1	11.0	11.0	13.3	11.7	12.1
28	10.2	9.2	9.7	11.4	10.9	11.1	11.5	11.1	11.3	14.0	13.3	13.8
29	9.7	9.4	9.6	11.2	10.8	11.0	11.8	11.5	11.7	13.9	12.4	13.3
30	9.7	9.3	9.5	10.9	10.6	10.8	12.0	11.8	11.9	12.4	11.4	11.8
31	9.8	9.4	9.6	---	---	---	12.3	12.0	12.2	11.5	11.4	11.4
MONTH	10.2	7.4	8.4	11.6	8.8	10.2	13.2	10.2	11.5	14.0	10.0	11.8

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

Santee River Basin

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02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC

LOCATION.--Lat 34°54'19'', long 81°54'54'', Spartanburg County, Hydrologic Unit 03050107, 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.--23.6 mi².

PERIOD OF RECORD.--May 1988 to April 1998 (discontinued).

GAGE.--Data collection platform. Datum of gage is 594.34 ft above sea level.

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	11	32	20	21	34	39	48	---	---	---	---	---
2	11	41	16	21	32	36	e30	---	---	---	---	---
3	10	16	18	20	488	34	---	---	---	---	---	---
4	10	14	48	20	300	33	---	---	---	---	---	---
5	10	14	19	19	83	32	---	---	---	---	---	---
6	10	14	17	23	53	32	---	---	---	---	---	---
7	10	24	16	31	44	58	---	---	---	---	---	---
8	10	25	16	e400	39	670	---	---	---	---	---	---
9	11	15	27	33	36	315	---	---	---	---	---	---
10	9.9	14	33	26	34	71	---	---	---	---	---	---
11	9.8	13	20	24	41	52	---	---	---	---	---	---
12	9.8	15	17	22	41	45	---	---	---	---	---	---
13	10	48	17	23	37	40	---	---	---	---	---	---
14	11	87	16	21	35	38	---	---	---	---	---	---
15	10	22	16	e74	34	36	---	---	---	---	---	---
16	9.8	17	16	e124	e150	35	---	---	---	---	---	---
17	9.8	15	16	96	e215	34	---	---	---	---	---	---
18	11	15	16	47	e53	37	---	---	---	---	---	---
19	14	15	15	75	43	91	---	---	---	---	---	---
20	11	16	15	39	38	45	---	---	---	---	---	---
21	10	57	15	33	35	38	---	---	---	---	---	---
22	11	141	132	60	36	34	---	---	---	---	---	---
23	9.9	26	29	116	112	33	---	---	---	---	---	---
24	16	21	314	43	41	38	---	---	---	---	---	---
25	17	18	104	33	35	32	---	---	---	---	---	---
26	420	18	42	30	34	32	---	---	---	---	---	---
27	65	17	55	e400	150	31	---	---	---	---	---	---
28	23	16	33	e75	51	32	---	---	---	---	---	---
29	18	16	33	e50	---	30	---	---	---	---	---	---
30	17	26	27	41	---	30	---	---	---	---	---	---
31	16	---	23	37	---	31	---	---	---	---	---	---
TOTAL	832.0	828	1201	2077	2324	2134	---	---	---	---	---	---
MEAN	26.8	27.6	38.7	67.0	83.0	68.8	---	---	---	---	---	---
MAX	420	141	314	400	488	670	---	---	---	---	---	---
MIN	9.8	13	15	19	32	30	---	---	---	---	---	---
CFSM	1.14	1.17	1.64	2.84	3.52	2.92	---	---	---	---	---	---
IN.	1.31	1.31	1.89	3.27	3.66	3.36	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1998, BY WATER YEAR (WY)

MEAN	35.3	33.6	34.1	52.2	56.4	62.6	44.8	36.5	33.7	27.2	33.0	22.4
MAX	102	85.2	60.1	102	86.5	129	90.1	70.9	70.4	48.8	85.8	34.2
(WY)	1991	1993	1993	1993	1990	1993	1991	1991	1994	1997	1995	1995
MIN	10.9	15.9	15.1	17.0	30.4	38.9	24.9	19.5	14.0	12.6	13.6	10.3
(WY)	1992	1992	1989	1989	1991	1995	1995	1994	1990	1988	1997	1993

SANTEE RIVER BASIN

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC--Continued

SUMMARY STATISTICS

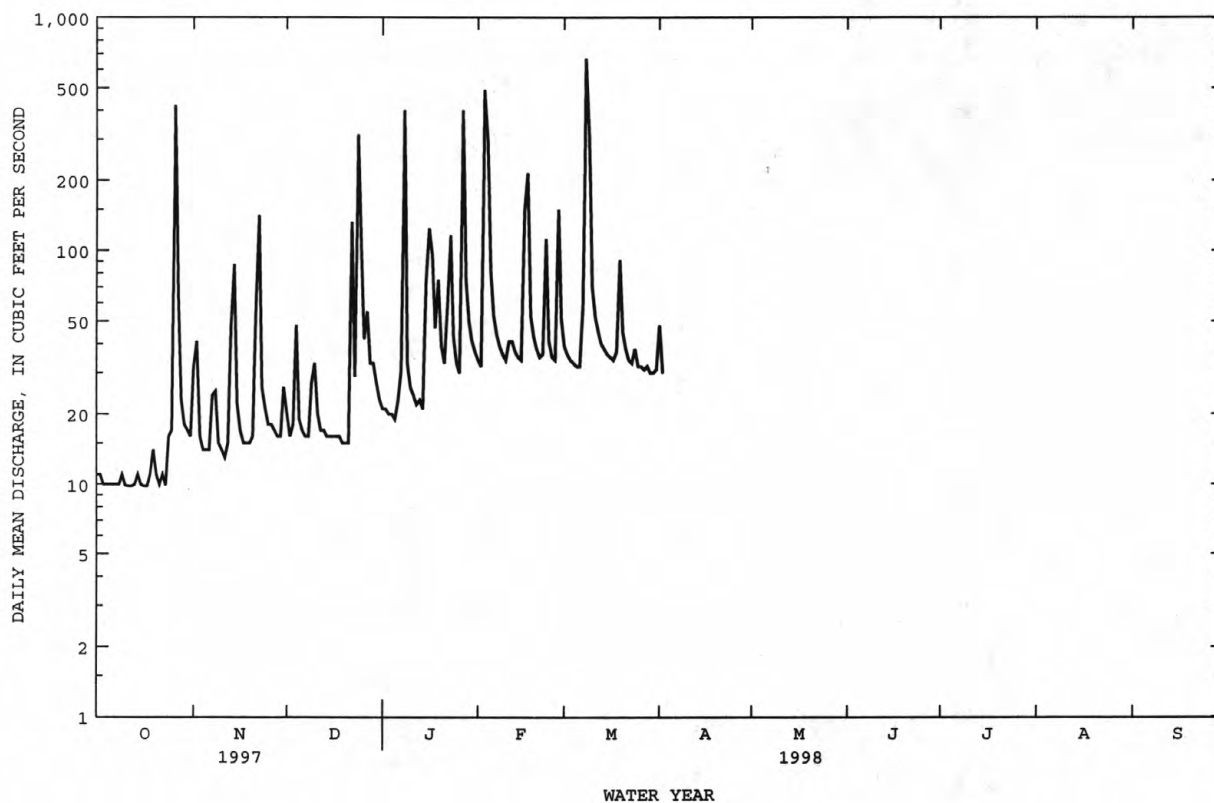
FOR 1997 CALENDAR YEAR

WATER YEARS 1988 - 1998

ANNUAL TOTAL	12479.0		
ANNUAL MEAN	34.2		39.3
HIGHEST ANNUAL MEAN			57.6
LOWEST ANNUAL MEAN			27.0
HIGHEST DAILY MEAN	420	Oct 26	1730
LOWEST DAILY MEAN	8.4	* Sep 7	6.0
ANNUAL SEVEN-DAY MINIMUM	8.8	Sep 3	6.6
INSTANTANEOUS PEAK FLOW			2670
INSTANTANEOUS PEAK STAGE			12.13
INSTANTANEOUS LOW FLOW			5.8
ANNUAL RUNOFF (CFSM)	1.45		1.67
ANNUAL SEVEN-DAY MINIMUM	19.67		22.62
10 PERCENT EXCEEDS	59		70
50 PERCENT EXCEEDS	21		22
90 PERCENT EXCEEDS	10		11

e Estimated

* Also occurred on Sept. 8.



SANTÉE RIVER BASIN

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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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	426	722	623	1010	1520	1710	969	2820	884	460	390	307
2	370	884	657	902	1340	1340	1020	2690	790	483	349	307
3	342	944	589	832	2110	1180	1100	2170	788	503	322	358
4	318	718	587	794	8200	1130	2460	1680	754	483	303	1080
5	305	612	694	815	11200	1100	2520	1430	755	471	291	1180
6	296	555	720	776	7700	1060	1680	1270	1100	448	287	786
7	289	522	624	763	3770	1040	1340	1220	1140	442	288	532
8	284	516	591	1290	2090	2600	1200	1450	875	434	290	459
9	277	548	565	2310	1690	9540	4640	1280	744	406	363	471
10	273	506	628	2900	1490	11200	9680	1150	717	400	448	446
11	271	510	745	2510	1530	6800	4990	1710	846	384	556	400
12	266	510	717	1400	1450	3100	1930	1420	918	364	483	365
13	268	520	631	1150	1330	1970	1500	1150	857	349	428	346
14	274	747	595	1050	1220	1660	1370	1050	755	341	408	321
15	282	1040	557	1080	1110	1490	1390	979	689	333	847	312
16	269	850	547	2160	1110	1370	1270	925	632	331	4120	318
17	272	707	518	5320	1940	1270	4170	902	608	367	7030	303
18	275	605	516	6090	3270	1220	8550	863	578	562	3090	294
19	290	546	514	4100	3290	2210	4010	810	556	558	1320	289
20	306	526	496	3170	2140	2280	2790	776	778	421	940	284
21	308	544	490	1970	1740	1690	3180	752	931	470	754	299
22	310	1220	618	1560	1490	1430	2200	739	747	1070	638	802
23	311	2030	1360	2420	1480	1270	2230	831	677	676	570	679
24	305	1400	2020	2640	1770	1200	2930	766	731	540	519	469
25	300	922	4290	1940	1520	1160	2360	739	674	473	473	388
26	507	764	5130	1540	1390	1100	1710	701	630	442	469	346
27	1530	682	2430	2910	1400	1070	1460	684	576	428	449	326
28	1890	606	1680	6420	1970	995	1320	668	542	510	417	313
29	1660	582	1400	6380	---	997	1220	724	508	504	378	308
30	1120	591	1280	3220	---	973	1350	818	479	432	347	522
31	840	---	1150	1850	---	953	---	974	---	396	320	---
TOTAL	15034	22429	33962	73272	72260	68108	78539	36141	22259	14481	27887	13610
MEAN	485	748	1096	2364	2581	2197	2618	1166	742	467	900	454
MAX	1890	2030	5130	6420	11200	11200	9680	2820	1140	1070	7030	1180
MIN	266	506	490	763	1110	953	969	668	479	331	287	284
CFSM	.64	.99	1.44	3.11	3.40	2.89	3.45	1.54	.98	.62	1.19	.60
IN.	.74	1.10	1.66	3.59	3.54	3.34	3.85	1.77	1.09	.71	1.37	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1998, BY WATER YEAR (WY)

	MEAN	837	873	1039	1596	1574	1842	1306	1004	740	606	673	510
MAX	3011	2519	2354	3020	2683	3545	2618	2363	1517	1507	2295	1343	
(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	246	
(WY)	1994	1982	1989	1989	1986	1985	1986	1988	1988	1986	1988	1981	

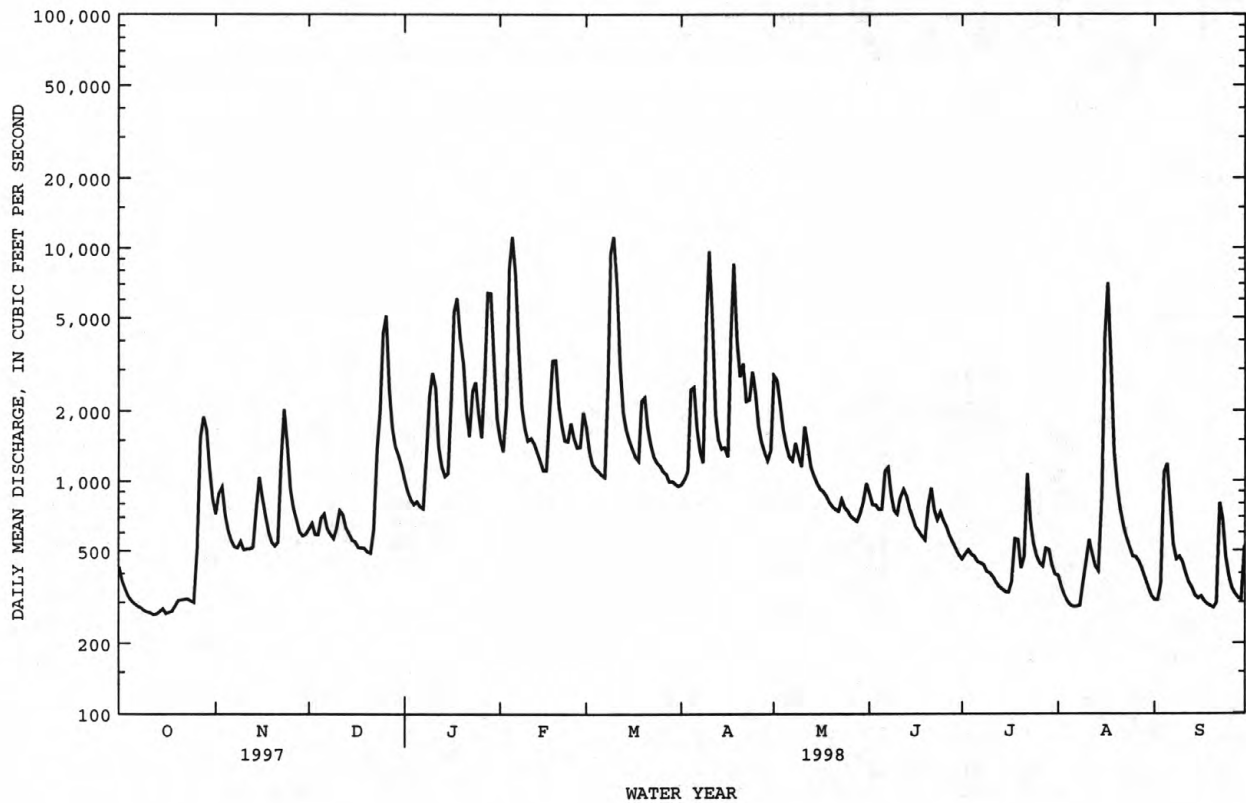
SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1974 - 1998
ANNUAL TOTAL	349320	477982	
ANNUAL MEAN	957	1310	1048
HIGHEST ANNUAL MEAN			1449
LOWEST ANNUAL MEAN			538
HIGHEST DAILY MEAN	7850	11200	26000
LOWEST DAILY MEAN	197	266	98
ANNUAL SEVEN-DAY MINIMUM	205	272	112
INSTANTANEOUS PEAK FLOW		12500	30300
INSTANTANEOUS PEAK STAGE		17.99	26.31
INSTANTANEOUS LOW FLOW		261	96
ANNUAL RUNOFF (CFSM)	1.26	1.73	1.38
ANNUAL RUNOFF (INCHES)	17.12	23.43	18.76
10 PERCENT EXCEEDS	1650	2620	1860
50 PERCENT EXCEEDS	707	786	735
90 PERCENT EXCEEDS	275	316	308

* Also occurred on Sept. 7.

** Also occurred on Mar. 10.



SANTEE RIVER BASIN

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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, 8.2 units, Aug. 27, 29, 1988; minimum 5.6 units, July 17, 1989.

WATER TEMPERATURE: Maximum, 32.0°C, July 21, 1981, Aug. 23, 1983; minimum, less than 0.5°C several days, several 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, 136 microsiemens, several days Oct.; minimum, 37 microsiemens, Feb. 3.

pH: Maximum 7.4, units, May 28, Aug. 31, Sept. 1, 2; minimum, 6.0 units, Jan. 27.

WATER TEMPERATURE: Maximum, 30.0°C, June 29; minimum, 3.5°C, Jan. 2.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Dec. 8; minimum 5.7 mg/L, Aug. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	115	104	109	86	78	83	97	93	95	78	75	77
2	111	104	108	95	85	89	97	92	95	81	77	79
3	112	108	110	88	83	85	94	92	93	83	80	82
4	117	110	114	88	86	87	96	92	94	85	82	84
5	118	114	116	93	87	91	96	93	95	86	83	84
6	118	114	116	97	91	95	105	89	98	86	84	85
7	124	118	121	101	96	99	93	89	91	87	85	86
8	125	121	123	104	100	102	93	89	91	87	72	82
9	126	121	124	102	100	101	95	91	94	75	57	68
10	129	123	126	102	98	100	95	93	94	64	51	58
11	132	126	130	102	98	100	96	91	94	63	45	57
12	136	129	133	100	97	98	96	92	94	69	63	66
13	132	128	130	99	97	98	96	93	94	75	69	72
14	136	127	132	101	96	99	95	93	95	76	73	75
15	135	133	134	99	90	93	98	95	96	76	75	75
16	133	128	131	90	86	88	100	95	98	77	53	68
17	134	129	132	91	88	89	99	95	98	54	47	50
18	133	129	131	96	91	94	101	98	100	53	48	50
19	133	129	131	98	93	96	102	99	101	54	49	52
20	132	130	131	101	96	99	104	101	102	59	52	55
21	136	130	134	100	96	98	104	100	102	64	59	62
22	136	130	133	99	72	92	102	95	99	67	64	66
23	130	125	127	73	69	71	97	79	85	65	53	57
24	126	125	125	78	72	75	79	49	65	62	58	59
25	128	123	126	82	77	80	55	50	52	65	62	64
26	124	89	108	85	81	84	57	51	54	71	65	69
27	107	70	85	89	85	88	63	57	60	71	38	55
28	71	66	68	92	89	91	70	63	66	62	46	54
29	68	62	64	94	90	93	69	66	68	69	46	56
30	70	63	68	94	93	93	73	69	71	71	56	64
31	78	70	75	---	---	---	75	72	74	67	60	65
MONTH	136	62	116	104	69	92	105	49	87	87	38	67

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	69	67	68	71	65	68	85	79	82	67	60	62
2	72	69	71	75	69	72	84	80	82	65	61	62
3	73	37	62	78	73	76	85	72	80	64	62	63
4	45	39	42	79	75	78	73	64	68	67	63	65
5	45	41	43	79	74	76	69	61	65	70	66	68
6	49	45	47	78	75	76	70	66	68	73	68	70
7	58	49	54	78	75	77	73	68	71	73	71	72
8	62	57	60	75	46	60	75	72	73	74	71	73
9	67	62	65	46	39	42	73	39	47	76	74	75
10	69	66	68	43	39	41	47	39	42	77	74	76
11	70	65	68	49	43	46	60	47	54	78	67	71
12	69	66	67	56	49	53	70	60	65	74	69	71
13	72	69	70	61	56	58	74	65	70	76	72	74
14	74	70	72	64	60	62	75	68	72	79	75	77
15	75	72	74	67	63	65	76	71	74	83	78	80
16	76	74	75	67	65	66	80	74	77	83	80	82
17	76	63	68	67	66	67	78	40	53	83	81	82
18	63	54	57	68	65	67	52	41	46	84	82	83
19	59	54	57	65	54	60	58	52	56	85	82	84
20	62	58	60	63	54	60	61	57	60	88	85	86
21	65	62	64	66	62	64	61	57	58	88	85	87
22	68	64	66	68	65	67	63	60	62	89	86	88
23	69	67	68	69	67	68	66	61	64	96	88	91
24	69	67	68	72	68	70	63	60	61	89	86	87
25	69	67	68	73	70	71	67	61	64	91	86	89
26	72	67	70	76	70	73	70	66	68	91	85	89
27	73	69	71	77	72	75	71	68	70	94	88	91
28	72	65	69	79	74	76	73	70	71	92	87	90
29	---	---	---	79	76	78	74	71	73	90	86	88
30	---	---	---	81	77	80	74	65	72	94	85	90
31	---	---	---	82	78	79	---	---	---	86	80	84
MONTH	76	37	64	82	39	67	85	39	66	96	60	79
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	87	83	85	106	99	102	109	102	105	122	114	118
2	87	83	84	102	97	99	109	103	107	124	117	120
3	89	85	87	101	96	98	111	102	107	118	82	107
4	89	86	87	101	95	98	117	106	112	89	82	85
5	90	86	88	101	96	99	118	109	113	89	82	86
6	91	81	85	100	96	98	118	111	114	88	84	86
7	81	76	78	103	97	100	120	112	116	95	88	92
8	81	78	80	100	94	98	121	113	117	98	93	95
9	84	81	83	100	94	97	119	112	115	98	95	97
10	88	84	86	106	98	102	114	100	109	100	95	98
11	93	87	91	106	101	104	108	100	103	102	95	99
12	89	85	87	107	101	104	101	93	96	107	98	102
13	86	82	85	107	101	105	104	94	100	106	101	104
14	86	82	84	112	104	108	107	99	102	110	102	106
15	87	83	85	111	105	108	106	53	91	112	106	109
16	94	86	89	114	105	109	53	45	49	112	108	110
17	93	87	90	114	108	111	52	48	51	113	108	110
18	96	89	92	110	96	105	69	52	62	113	106	110
19	96	90	93	104	95	100	79	69	76	115	108	112
20	101	88	95	105	97	102	87	79	83	118	109	112
21	89	81	85	113	101	107	93	85	90	113	100	108
22	91	82	88	102	73	80	99	91	95	102	80	88
23	94	90	92	87	74	81	104	95	100	96	88	94
24	94	89	92	94	86	92	109	98	104	96	90	94
25	94	90	91	100	93	97	114	104	109	104	95	100
26	98	91	95	101	95	98	113	107	110	108	101	104
27	100	95	98	103	97	100	114	107	110	109	103	106
28	103	96	100	106	100	103	113	108	110	108	105	106
29	103	97	100	104	93	99	113	108	111	110	107	109
30	106	99	103	102	94	99	115	109	113	110	97	103
31	---	---	---	105	99	102	119	113	116	---	---	---
MONTH	106	76	89	114	73	100	121	45	100	124	80	102
YEAR	136	37	86									

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PH. WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	7.1	6.9	6.9	7.0	7.0	6.9	6.8	6.7	6.7	6.9	6.8
2	7.1	7.1	7.0	6.9	7.1	7.0	6.9	6.8	6.8	6.7	6.9	6.8
3	7.1	7.1	6.9	6.9	7.0	7.0	6.9	6.9	6.8	6.1	6.9	6.9
4	7.2	7.1	7.0	6.9	7.1	7.0	6.9	6.9	6.3	6.1	7.0	6.9
5	7.2	7.1	7.0	7.0	7.1	7.0	6.9	6.9	6.4	6.3	6.9	6.9
6	7.2	7.1	7.0	7.0	7.0	7.0	6.9	6.8	6.5	6.4	6.9	6.9
7	7.2	7.1	7.0	7.0	7.1	7.0	6.9	6.8	6.6	6.5	6.9	6.9
8	7.2	7.1	7.1	7.0	7.0	7.0	6.9	6.7	6.6	6.6	6.9	6.9
9	7.2	7.1	7.1	7.1	7.0	7.0	6.7	6.6	6.7	6.6	6.4	6.4
10	7.2	7.1	7.1	7.0	7.0	7.0	6.6	6.5	6.7	6.7	6.5	6.4
11	7.2	7.1	7.1	7.1	7.0	7.0	6.6	6.5	6.8	6.7	6.6	6.5
12	7.2	7.1	7.1	7.0	7.0	6.9	6.7	6.6	6.8	6.7	6.7	6.6
13	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.8	6.8	6.7	6.7
14	7.2	7.1	7.0	7.0	7.0	7.0	6.9	6.8	6.8	6.8	6.8	6.7
15	7.2	7.1	7.0	6.9	7.1	7.0	6.9	6.8	6.9	6.8	6.8	6.8
16	7.2	7.2	7.0	6.9	7.1	7.0	6.8	6.5	6.9	6.8	6.9	6.8
17	7.2	7.2	7.0	7.0	7.1	7.0	6.5	6.4	6.9	6.7	6.9	6.8
18	7.2	7.1	7.0	7.0	7.1	7.0	6.5	6.4	6.7	6.6	6.9	6.9
19	7.2	7.1	7.1	7.0	7.1	7.0	6.5	6.4	6.6	6.6	6.9	6.7
20	7.2	7.1	7.1	7.0	7.1	7.0	6.6	6.5	6.7	6.6	6.8	6.6
21	7.2	7.1	7.0	7.0	7.1	7.0	6.7	6.6	6.8	6.7	6.9	6.8
22	7.2	7.1	7.0	6.7	7.1	7.0	6.7	6.7	6.8	6.8	6.9	6.8
23	7.3	7.2	6.7	6.6	7.0	6.8	6.7	6.5	6.8	6.8	6.9	6.9
24	7.2	7.1	6.8	6.7	6.8	6.3	6.6	6.6	6.8	6.8	7.0	6.9
25	7.2	7.1	6.9	6.8	6.4	6.3	6.7	6.6	6.8	6.8	7.0	6.9
26	7.1	6.8	7.0	6.9	6.4	6.3	6.8	6.7	6.9	6.8	7.0	6.9
27	6.9	6.7	7.0	7.0	6.6	6.4	6.8	6.0	6.9	6.8	7.1	7.0
28	6.7	6.6	7.0	7.0	6.7	6.6	6.4	6.3	6.8	6.8	7.1	7.0
29	6.7	6.6	7.0	7.0	6.7	6.7	6.5	6.4	---	---	7.2	7.0
30	6.8	6.7	7.0	7.0	6.8	6.7	6.6	6.5	---	---	7.2	7.0
31	6.9	6.8	---	---	6.8	6.8	6.7	6.6	---	---	7.1	7.1
MONTH	7.3	6.6	7.1	6.6	7.1	6.3	6.9	6.0	6.9	6.1	7.2	6.4
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	7.1	6.9	6.9	7.2	7.1	7.0	6.8	7.2	7.1	7.4	7.2
2	7.2	7.1	7.0	6.9	7.1	7.0	7.0	6.9	7.3	7.2	7.4	7.2
3	7.1	6.9	7.0	6.9	7.1	7.0	7.1	6.9	7.3	7.2	7.2	6.9
4	6.9	6.8	7.0	7.0	7.0	7.0	7.1	7.0	7.3	7.1	6.9	6.9
5	6.9	6.8	7.1	7.0	7.0	6.9	7.1	7.0	7.3	7.0	6.9	6.9
6	7.0	6.9	7.1	7.0	6.9	6.9	7.3	7.1	7.3	7.1	7.0	6.9
7	7.0	7.0	7.1	7.1	6.9	6.8	7.3	7.2	7.3	7.1	7.1	7.0
8	7.1	7.0	7.1	7.1	6.9	6.9	7.3	7.2	7.3	7.2	7.2	7.1
9	7.0	6.3	7.1	7.1	6.9	6.9	7.2	7.2	7.3	7.1	7.2	7.1
10	6.6	6.4	7.1	7.1	6.9	6.9	7.3	7.1	7.2	7.1	7.2	7.1
11	6.7	6.6	7.1	7.1	6.9	6.8	7.3	7.2	7.2	7.1	7.2	7.1
12	6.9	6.7	7.1	7.1	6.9	6.8	7.3	7.2	7.1	7.1	7.3	7.1
13	6.9	6.8	7.2	7.1	6.9	6.8	7.3	7.2	7.2	7.1	7.3	7.2
14	6.9	6.9	7.2	7.2	6.9	6.8	7.3	7.2	7.2	7.1	7.3	7.2
15	7.0	6.9	7.2	7.2	7.0	6.8	7.3	7.2	7.2	6.5	7.3	7.2
16	7.0	7.0	7.2	7.2	7.0	7.0	7.3	7.2	6.5	6.2	7.3	7.2
17	7.0	6.3	7.3	7.2	7.0	7.0	7.2	7.2	6.3	6.2	7.3	7.2
18	6.6	6.4	7.3	7.2	7.0	7.0	7.2	7.0	6.6	6.3	7.3	7.2
19	6.7	6.6	7.3	7.2	7.0	7.0	7.1	7.0	6.8	6.6	7.3	7.2
20	6.8	6.7	7.3	7.2	7.0	6.9	7.3	7.1	6.9	6.8	7.3	7.2
21	6.8	6.8	7.3	7.3	6.9	6.9	7.3	7.2	7.0	6.9	7.2	7.1
22	6.9	6.8	7.3	7.3	6.9	6.9	7.2	6.9	7.1	7.0	7.1	6.9
23	6.9	6.8	7.3	7.3	7.0	6.9	7.1	6.9	7.1	7.0	7.1	7.0
24	6.9	6.9	7.3	7.2	7.0	6.9	7.1	6.9	7.2	7.1	7.2	7.1
25	6.9	6.9	7.3	7.3	7.0	6.9	7.0	6.9	7.2	7.1	7.2	7.1
26	7.0	6.9	7.3	7.3	7.0	6.9	7.0	6.9	7.2	7.1	7.3	7.1
27	7.0	6.9	7.3	7.3	7.0	7.0	7.0	7.0	7.3	7.1	7.3	7.1
28	7.0	7.0	7.4	7.3	7.1	7.0	7.0	7.0	7.3	7.1	7.2	7.1
29	7.1	7.0	7.3	7.3	7.1	7.0	7.0	6.9	7.3	7.1	7.2	7.1
30	7.1	6.9	7.3	7.2	7.0	6.8	7.0	6.9	7.3	7.2	7.2	7.0
31	---	---	7.2	7.2	---	---	7.1	6.9	7.4	7.2	---	---
MONTH	7.2	6.3	7.4	6.9	7.2	6.8	7.3	6.8	7.4	6.2	7.4	6.9
YEAR	7.4	6.0										

SANTÉE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.0	19.0	19.2	14.5	13.5	13.7	12.0	11.0	11.2	4.5	4.0	3.8
2	19.5	18.5	18.3	15.5	14.5	14.6	11.0	10.0	10.1	4.5	3.5	3.5
3	18.5	17.0	17.2	14.5	13.5	13.7	10.0	9.0	9.2	5.5	4.5	4.3
4	18.5	17.0	17.0	13.5	13.0	13.0	11.0	10.5	10.3	7.0	5.5	5.7
5	19.5	18.0	17.9	12.0	11.5	11.4	10.5	9.5	9.7	9.5	8.0	8.0
6	20.5	19.0	18.8	11.0	11.0	10.8	8.5	7.5	7.3	11.5	10.5	10.4
7	21.0	19.5	19.3	11.0	11.0	10.9	6.0	5.0	5.2	13.5	12.0	12.2
8	21.5	20.0	20.0	12.0	11.0	11.2	4.5	4.0	3.9	15.0	14.5	14.5
9	21.5	20.0	20.1	11.0	10.5	10.5	5.0	4.5	4.5	15.0	13.5	13.7
10	22.0	20.5	20.5	11.0	10.5	10.5	6.5	6.0	6.0	12.5	11.0	11.0
11	22.0	21.0	20.9	11.0	10.5	10.3	7.5	7.0	7.1	10.5	9.5	9.4
12	21.0	20.0	20.2	10.0	10.0	9.8	8.0	7.5	7.6	9.5	9.0	9.1
13	20.5	19.5	19.5	10.0	9.5	9.7	7.5	7.5	7.5	10.5	10.0	9.9
14	21.0	20.0	19.9	9.5	9.0	9.2	7.5	7.5	7.3	10.5	10.0	9.9
15	20.5	19.0	19.2	9.5	9.0	9.2	6.5	5.5	5.7	9.5	8.5	8.6
16	18.0	17.5	17.3	9.5	8.5	8.7	5.5	4.5	4.6	8.0	8.0	7.8
17	17.0	17.0	16.8	8.0	7.0	7.1	5.0	4.0	4.1	8.0	7.5	7.7
18	17.0	16.0	16.1	6.5	6.0	6.0	5.0	4.0	4.2	8.0	7.5	7.6
19	16.0	15.5	15.7	7.0	6.0	6.1	5.5	4.5	4.6	8.0	7.5	7.6
20	16.0	15.0	15.0	7.0	6.5	6.3	6.0	5.0	5.2	8.0	7.5	7.4
21	16.0	14.5	14.7	7.5	6.5	6.7	7.0	6.0	6.2	7.5	7.0	6.9
22	15.5	15.0	14.9	10.0	8.5	8.7	7.5	7.5	7.3	7.5	7.0	7.1
23	14.5	14.0	13.9	10.5	10.0	10.0	8.0	7.5	7.7	8.0	7.5	7.7
24	13.5	12.5	12.6	10.0	9.0	9.2	9.0	8.5	8.5	8.5	8.0	8.1
25	15.5	14.5	14.5	8.5	7.5	7.5	9.5	9.0	9.1	8.0	7.5	7.4
26	16.5	16.0	15.8	7.5	6.5	6.7	9.5	9.0	8.8	7.5	7.0	6.9
27	16.5	16.0	16.1	8.0	7.5	7.4	8.5	8.5	8.5	7.0	7.0	6.8
28	15.5	14.5	14.6	8.5	7.5	7.7	8.0	7.0	7.1	7.5	7.0	6.8
29	14.0	13.5	13.4	9.5	8.5	8.7	6.5	5.5	5.6	7.5	7.0	6.9
30	13.5	13.0	13.0	11.0	10.0	10.2	5.0	5.0	4.8	8.0	7.5	7.4
31	13.0	12.5	12.5	---	---	---	5.0	4.5	4.6	8.0	7.0	7.2
MONTH	22.0	12.5	16.9	15.5	6.0	9.5	12.0	4.0	6.9	15.0	3.5	8.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	6.5	6.5	14.0	13.5	13.5	20.5	19.5	19.4	17.0	16.5	16.4
2	7.0	6.5	6.4	13.5	12.5	12.5	19.5	18.5	18.4	17.5	17.0	16.9
3	8.0	7.5	7.4	12.0	11.0	10.9	18.5	16.5	16.5	17.0	17.0	16.8
4	8.0	7.5	7.6	10.0	9.5	9.5	15.5	14.5	14.7	18.0	17.0	17.2
5	7.5	7.5	7.3	10.0	9.5	9.5	15.5	14.5	14.7	18.5	17.5	17.7
6	8.0	7.5	7.7	10.5	10.0	10.1	16.0	14.5	14.7	18.5	18.0	17.9
7	8.5	8.5	8.4	10.5	10.0	10.2	17.0	15.5	15.6	19.0	18.5	18.6
8	9.0	8.5	8.6	12.0	11.0	11.0	18.5	17.5	17.6	20.0	19.0	19.2
9	10.0	9.0	9.1	12.0	12.0	11.9	18.5	17.5	17.6	20.5	20.0	19.8
10	9.0	8.5	8.7	12.0	11.5	11.3	17.5	17.0	16.9	20.5	20.0	20.0
11	9.0	8.5	8.5	11.0	9.5	9.6	16.5	15.5	15.5	20.0	19.5	19.4
12	10.0	9.5	9.3	9.0	8.5	8.3	16.0	15.0	14.9	20.0	19.5	19.5
13	10.0	9.5	9.4	8.5	7.5	7.6	16.0	15.0	14.9	21.0	20.0	19.8
14	10.0	9.5	9.4	10.0	8.5	8.4	15.0	15.0	15.0	21.5	20.5	20.5
15	9.5	9.0	8.8	11.5	10.0	10.2	17.0	16.0	15.9	23.0	21.5	21.6
16	9.0	8.5	8.5	11.0	10.5	10.6	18.5	17.5	17.5	23.5	22.5	22.5
17	10.5	9.5	9.3	10.0	9.5	9.5	18.0	18.0	17.8	23.5	22.5	22.6
18	10.5	10.0	10.1	9.0	8.5	8.7	18.0	18.0	18.0	24.0	23.0	22.8
19	11.0	10.0	10.2	11.0	9.5	9.7	18.0	17.5	17.5	24.0	22.5	22.7
20	11.5	11.0	10.8	13.0	12.0	12.1	17.0	16.5	16.7	24.0	23.0	23.0
21	11.0	10.5	10.6	13.0	12.0	12.1	16.5	16.0	16.1	25.0	23.5	23.7
22	10.5	9.5	9.6	12.5	11.5	11.3	16.5	16.0	15.8	25.0	24.5	24.3
23	10.0	9.5	9.6	12.0	11.5	11.4	15.5	15.0	14.9	25.0	24.0	24.1
24	11.0	10.0	9.9	13.0	12.0	12.1	15.0	14.5	14.3	24.0	23.5	23.6
25	11.5	10.5	10.4	13.0	12.5	12.3	16.0	15.0	15.1	25.0	23.5	23.7
26	11.5	11.0	10.9	14.5	13.0	12.9	17.5	16.5	16.5	25.5	24.5	24.4
27	12.0	11.5	11.5	16.5	15.0	14.8	18.0	17.5	17.3	25.5	24.5	24.5
28	14.0	13.0	12.8	17.5	16.5	16.3	17.0	16.5	16.7	25.0	24.5	24.3
29	---	---	---	18.5	17.0	17.1	16.5	16.0	16.2	26.0	24.5	24.7
30	---	---	---	19.0	18.0	17.8	16.5	16.0	16.2	25.5	24.5	24.6
31	---	---	---	19.5	18.5	18.6	---	---	---	25.0	24.0	24.1
MONTH	14.0	6.5	9.2	19.5	7.5	11.7	20.5	14.5	16.3	26.0	16.5	21.3

SANTÉE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.0	7.5	7.8	9.7	9.2	9.5	10.9	10.3	10.6	13.0	12.5	12.7
2	8.5	7.8	8.2	9.4	8.9	9.2	11.3	10.5	11.0	13.2	12.4	12.8
3	8.8	8.4	8.5	9.5	8.9	9.3	11.6	11.1	11.4	12.6	11.7	12.3
4	10.7	8.5	9.7	10.0	9.5	9.7	11.4	10.7	11.0	11.9	10.4	11.4
5	9.4	8.6	9.1	10.5	10.0	10.2	11.4	10.8	11.1	10.6	10.0	10.3
6	8.9	8.3	8.6	10.7	10.2	10.5	12.5	11.2	12.0	10.0	9.4	9.7
7	8.7	8.2	8.4	10.9	10.5	10.6	12.9	12.2	12.6	9.6	8.9	9.3
8	8.5	7.9	8.2	10.7	10.4	10.5	13.3	12.9	13.1	10.6	8.0	8.7
9	8.4	7.9	8.1	11.1	10.5	10.7	13.2	12.7	13.0	10.6	9.2	9.5
10	8.3	7.8	8.0	11.0	10.6	10.8	12.8	11.7	12.2	9.6	9.3	9.4
11	8.1	7.7	7.9	11.0	10.7	10.9	12.1	11.5	11.7	---	---	---
12	8.2	7.6	8.1	11.1	10.7	10.9	11.7	11.4	11.5	---	---	---
13	8.5	7.8	8.2	10.8	10.6	10.7	11.7	11.4	11.5	---	---	---
14	8.4	7.8	8.1	10.7	10.5	10.6	11.8	11.3	11.6	---	---	---
15	8.8	8.0	8.2	11.2	10.7	11.0	12.3	11.8	12.1	10.6	10.3	10.5
16	9.2	8.7	9.0	11.5	11.0	11.3	13.0	12.3	12.7	10.7	10.5	10.6
17	9.2	8.5	8.8	12.0	11.2	11.8	13.2	12.7	13.0	10.5	10.2	10.3
18	8.6	8.5	8.5	12.4	11.9	12.1	12.9	12.5	12.7	10.5	10.3	10.4
19	8.7	8.5	8.6	12.2	11.7	11.9	12.8	12.3	12.6	10.7	10.3	10.5
20	9.1	8.6	8.8	12.1	11.6	11.8	12.6	12.0	12.3	10.7	10.5	10.6
21	9.3	8.6	8.9	11.9	11.4	11.7	12.2	11.8	12.0	11.0	10.7	10.9
22	8.7	8.5	8.6	11.4	10.2	10.8	11.8	11.2	11.5	11.0	10.8	11.0
23	9.2	8.7	8.9	10.3	9.7	10.0	11.8	11.2	11.5	10.8	10.7	10.7
24	9.3	8.9	9.1	11.0	9.9	10.4	11.5	8.4	10.6	10.7	10.4	10.5
25	9.0	8.2	8.6	11.6	10.8	11.3	10.1	8.7	9.2	10.9	10.4	10.8
26	8.5	7.6	8.0	11.9	11.5	11.7	9.7	8.3	9.1	11.2	10.9	11.1
27	7.6	7.4	7.5	12.0	11.4	11.6	10.1	8.5	9.6	11.1	10.8	11.0
28	8.0	7.5	7.7	11.8	11.4	11.6	11.6	9.1	10.9	10.9	10.7	10.8
29	8.9	8.0	8.5	11.4	10.9	11.2	12.4	10.5	11.2	10.9	10.6	10.7
30	9.5	8.9	9.3	11.0	10.6	10.8	12.1	11.0	11.9	10.6	10.5	10.5
31	9.9	9.5	9.7	---	---	---	12.5	11.8	12.1	11.2	10.5	10.9
MONTH	10.7	7.4	8.5	12.4	8.9	10.8	13.3	8.3	11.6	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	10.9	11.3	9.5	9.4	9.5	8.5	8.2	8.4	9.1	8.5	8.8
2	11.4	11.2	11.3	9.9	9.5	9.7	8.8	8.3	8.6	8.6	8.5	8.6
3	11.2	10.7	10.9	10.5	9.9	10.2	9.0	8.5	8.7	8.6	8.5	8.6
4	11.1	10.4	10.5	10.9	10.5	10.8	9.2	8.8	9.0	8.6	8.4	8.6
5	10.6	10.4	10.5	11.0	10.9	11.0	9.2	8.7	8.9	8.6	8.5	8.5
6	10.6	10.3	10.5	11.0	10.9	10.9	9.4	9.0	9.2	8.6	8.3	8.5
7	10.4	10.2	10.3	10.9	10.7	10.8	9.4	9.0	9.2	8.4	8.1	8.2
8	10.5	10.3	10.4	10.7	10.1	10.5	9.1	8.5	8.8	8.1	7.8	7.9
9	10.5	10.3	10.4	10.1	9.8	9.9	8.6	7.5	8.1	8.0	7.7	7.8
10	10.7	10.3	10.6	10.3	9.8	10.0	8.2	7.6	7.9	7.7	7.6	7.7
11	10.8	10.5	10.7	11.3	10.3	10.8	9.2	8.2	8.7	7.7	7.6	7.7
12	10.5	10.3	10.4	11.8	11.0	11.5	9.7	9.2	9.5	7.8	7.6	7.8
13	10.7	10.3	10.4	12.1	11.6	11.9	9.9	9.5	9.7	7.9	7.7	7.8
14	10.6	10.5	10.5	12.0	11.3	11.7	9.6	9.4	9.5	7.8	7.5	7.7
15	10.9	10.5	10.8	11.3	10.9	11.2	9.5	9.1	9.4	7.6	7.3	7.5
16	10.8	10.7	10.8	11.0	10.9	10.9	9.1	8.8	9.0	7.4	7.1	7.2
17	10.7	10.2	10.4	11.4	11.0	11.2	9.0	8.0	8.6	7.3	7.1	7.2
18	10.2	10.0	10.1	11.6	11.4	11.5	8.3	8.0	8.1	7.4	7.1	7.3
19	10.2	10.0	10.1	11.5	10.5	11.2	8.7	8.1	8.4	7.4	7.0	7.2
20	10.2	10.0	10.1	10.5	9.8	10.1	9.2	8.7	9.0	7.2	6.9	7.1
21	10.4	10.0	10.2	10.3	9.8	10.1	9.2	8.9	9.1	7.1	6.7	6.9
22	10.7	10.3	10.5	10.8	10.3	10.6	9.6	9.1	9.2	6.9	6.7	6.8
23	10.6	10.3	10.4	10.7	10.5	10.6	9.7	9.3	9.5	6.9	6.6	6.8
24	10.6	10.3	10.5	10.7	10.4	10.6	10.1	9.5	9.7	6.9	6.6	6.8
25	10.5	10.3	10.4	10.7	10.5	10.6	9.6	9.4	9.5	7.0	6.7	6.8
26	10.4	10.2	10.3	10.7	10.2	10.6	9.4	9.0	9.3	6.9	6.6	6.7
27	10.2	10.0	10.1	10.2	9.6	10.0	9.0	8.9	9.0	6.9	6.6	6.7
28	10.0	9.4	9.7	9.7	9.2	9.5	9.3	9.0	9.2	6.8	6.6	6.7
29	---	---	---	9.4	8.9	9.2	9.4	9.3	9.3	6.8	6.5	6.7
30	---	---	---	9.1	8.8	9.0	9.3	9.0	9.2	6.6	6.4	6.5
31	---	---	---	8.8	8.5	8.7	---	---	---	6.6	6.4	6.5
MONTH	11.6	9.4	10.5	12.1	8.5	10.5	10.1	7.5	9.0	9.1	6.4	7.5

SANTÉE RIVER BASIN

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02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	6.3	6.6	6.6	6.2	6.4	7.2	6.8	7.0	6.8	6.4	6.6
2	7.7	6.8	7.4	6.7	6.3	6.5	7.4	6.9	7.2	6.9	6.5	6.7
3	8.3	7.7	8.1	6.8	6.4	6.6	7.7	7.2	7.4	7.1	6.5	6.8
4	8.4	8.1	8.3	6.8	6.3	6.5	7.6	7.0	7.3	7.1	6.7	6.9
5	8.8	8.4	8.6	6.7	6.3	6.5	7.7	7.1	7.4	6.9	6.7	6.8
6	9.0	8.6	8.8	7.2	6.4	6.8	7.6	7.0	7.3	6.9	6.7	6.8
7	9.4	8.9	9.2	7.3	6.9	7.1	7.3	7.0	7.2	6.9	6.6	6.7
8	9.9	9.4	9.7	7.2	6.8	7.0	7.3	6.9	7.1	6.8	6.5	6.7
9	10.0	9.7	9.9	7.2	6.7	6.9	7.0	6.7	6.9	7.4	6.8	7.2
10	10.0	9.7	9.9	7.1	6.7	6.9	6.9	6.5	6.8	8.0	7.3	7.7
11	9.9	9.3	9.7	7.2	6.7	7.0	6.8	6.5	6.6	8.1	7.6	7.8
12	9.4	8.8	9.1	7.2	6.8	7.0	7.0	6.5	6.8	7.9	7.4	7.7
13	---	---	---	7.4	6.9	7.1	7.1	6.8	6.9	7.7	7.3	7.5
14	---	---	---	7.5	6.9	7.2	7.1	6.9	7.0	7.7	7.3	7.5
15	---	---	---	7.4	6.9	7.2	7.1	6.4	6.8	7.6	7.2	7.4
16	7.0	6.7	6.9	7.3	6.8	7.0	6.5	5.8	6.1	7.5	7.1	7.3
17	7.1	6.8	7.0	7.1	6.5	6.8	6.2	5.7	6.0	7.5	7.1	7.3
18	7.2	6.9	7.0	6.8	6.5	6.6	6.3	5.8	6.1	7.4	7.1	7.3
19	7.1	6.7	6.9	6.8	6.5	6.7	6.5	6.3	6.4	7.4	7.1	7.2
20	6.9	6.7	6.8	7.0	6.5	6.7	6.8	6.4	6.6	7.5	7.1	7.3
21	6.8	6.6	6.7	7.0	6.5	6.7	7.1	6.6	6.9	7.3	7.0	7.1
22	7.0	6.7	6.8	6.5	6.2	6.4	7.3	6.9	7.1	7.0	6.5	6.7
23	7.0	6.6	6.8	6.6	6.2	6.5	7.3	6.8	7.1	7.1	6.7	6.9
24	6.8	6.5	6.6	6.9	6.5	6.7	7.1	6.7	6.9	7.6	7.1	7.4
25	6.9	6.5	6.7	6.9	6.7	6.8	7.0	6.6	6.8	8.1	7.5	7.8
26	6.7	6.3	6.5	7.1	6.8	6.9	6.9	6.5	6.7	8.0	7.7	7.8
27	6.5	6.2	6.4	7.2	6.9	7.0	6.8	6.4	6.6	8.0	7.5	7.8
28	6.6	6.2	6.4	7.1	6.8	7.0	6.8	6.4	6.6	7.7	7.5	7.6
29	6.6	6.2	6.4	7.1	6.7	6.9	6.8	6.4	6.6	7.5	7.3	7.5
30	6.6	6.2	6.4	7.1	6.7	6.9	6.8	6.4	6.6	7.4	6.9	7.1
31	---	---	---	7.0	6.7	6.8	6.8	6.4	6.6	---	---	---
MONTH	---	---	---	7.5	6.2	6.8	7.7	5.7	6.8	8.1	6.4	7.2

SANTEE RIVER BASIN

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.--749.7 mi².

PERIOD OF RECORD.--March 1998 to September 1998.

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	e137	e105	531	77	58	52	e30
2	---	---	---	---	---	e120	95	244	118	57	51	e28
3	---	---	---	---	---	e115	157	177	88	57	50	e40
4	---	---	---	---	---	e105	244	151	82	55	49	e66
5	---	---	---	---	---	e100	137	134	122	55	48	e45
6	---	---	---	---	---	e100	118	126	95	53	47	e50
7	---	---	---	---	---	e119	109	153	85	52	46	e39
8	---	---	---	---	---	e650	105	137	76	51	46	e45
9	---	---	---	---	---	e750	252	118	80	50	50	e44
10	---	---	---	---	---	e290	137	124	131	50	50	e32
11	---	---	---	---	---	e190	116	130	117	48	48	e30
12	---	---	---	---	---	e155	107	111	87	47	47	e28
13	---	---	---	---	---	e145	101	104	78	46	46	e26
14	---	---	---	---	---	e135	108	100	72	45	45	e24
15	---	---	---	---	---	e122	102	100	72	45	82	e23
16	---	---	---	---	---	e119	97	97	68	45	135	e22
17	---	---	---	---	---	e118	427	96	71	111	64	21
18	---	---	---	---	---	e128	199	91	65	54	54	18
19	---	---	---	---	---	e190	345	88	90	48	53	20
20	---	---	---	---	---	e145	310	86	94	45	48	21
21	---	---	---	---	---	e130	189	85	75	50	e47	50
22	---	---	---	---	---	e119	224	84	76	46	e45	50
23	---	---	---	---	---	e115	242	83	80	51	e44	32
24	---	---	---	---	---	e120	185	82	68	52	e42	29
25	---	---	---	---	---	e113	153	81	67	54	e41	28
26	---	---	---	---	---	e99	138	77	65	66	e39	27
27	---	---	---	---	---	e98	126	88	63	69	e38	26
28	---	---	---	---	---	e96	120	104	61	70	e36	25
29	---	---	---	---	---	e92	115	100	61	57	e34	26
30	---	---	---	---	---	e90	245	84	61	55	e33	34
31	---	---	---	---	---	e101	---	83	---	53	e31	---
MEAN	---	---	---	---	---	165	170	124	81.5	54.7	49.7	32.6
MAX	---	---	---	---	---	750	427	531	131	111	135	66
MIN	---	---	---	---	---	90	95	77	61	45	31	18

SANTEE RIVER BASIN

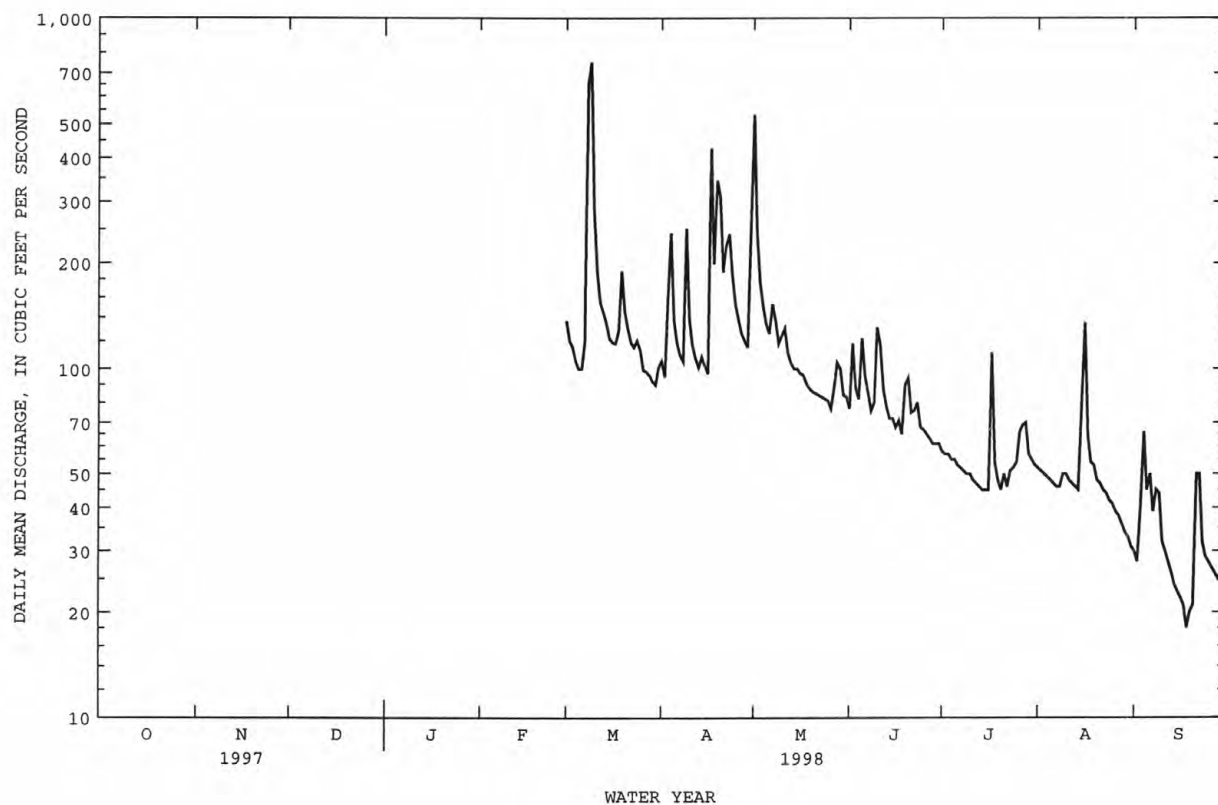
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02160200 ENOREE RIVER AT TAYLORS, SC--Continued

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	165	170	124	81.5	54.7	49.7	32.6
MAX	---	---	---	---	---	165	170	124	81.5	54.7	49.7	32.6
(WY)	---	---	---	---	---	1998	1998	1998	1998	1998	1998	1998
MIN	---	---	---	---	---	165	170	124	81.5	54.7	49.7	32.6
(WY)	---	---	---	---	---	1998	1998	1998	1998	1998	1998	1998

e Estimated



SANTEE RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	130	99	120	211	243	202	823	121	88	72	48
2	62	195	92	115	201	217	173	485	212	86	66	50
3	61	122	101	112	957	204	369	277	157	103	65	131
4	59	110	228	110	1640	195	414	236	134	87	61	171
5	57	101	128	109	655	188	236	e235	219	87	61	78
6	57	98	109	117	360	187	197	e214	162	85	61	102
7	57	104	102	167	286	214	181	e254	131	86	59	65
8	55	107	100	2170	247	1290	173	e261	117	83	64	85
9	54	96	120	968	226	1480	1040	e193	123	84	83	84
10	55	92	150	327	210	542	296	e303	259	81	84	58
11	56	90	122	242	224	332	225	e351	213	76	80	54
12	55	92	108	204	274	271	195	e181	140	75	69	51
13	58	139	102	190	211	242	181	e175	124	75	64	49
14	55	266	99	178	196	225	207	e173	112	76	64	48
15	59	139	96	339	186	211	186	e162	111	77	121	48
16	57	112	95	550	452	199	176	154	108	75	274	49
17	56	105	93	550	831	193	881	152	108	327	104	51
18	55	100	92	295	591	216	395	145	102	97	84	55
19	129	97	90	311	325	342	471	141	191	77	82	55
20	88	97	89	247	263	246	613	140	163	78	72	66
21	66	144	88	211	233	220	305	144	113	103	67	166
22	64	313	313	273	219	198	392	137	115	107	63	148
23	60	148	170	446	404	185	446	135	123	100	60	93
24	74	117	508	296	274	201	301	132	106	91	59	79
25	103	109	617	236	228	181	238	130	102	96	58	69
26	894	103	258	209	216	175	209	125	98	171	57	67
27	1270	98	260	713	423	173	191	134	94	128	54	64
28	361	92	190	732	294	172	182	191	90	107	52	64
29	173	93	162	341	---	169	177	186	90	92	49	69
30	135	104	149	265	---	168	452	136	97	79	48	113
31	116	---	133	231	---	178	---	130	---	73	50	---
TOTAL	4567	3713	5063	11374	10837	9257	9704	6635	4035	3050	2307	2330
MEAN	147	124	163	367	387	299	323	214	135	98.4	74.4	77.7
MAX	1270	313	617	2170	1640	1480	1040	823	259	327	274	171
MIN	54	90	88	109	186	168	173	125	90	73	48	48
CFSM	1.75	1.47	1.94	4.36	4.60	3.55	3.84	2.54	1.60	1.17	.88	.92
IN.	2.02	1.64	2.24	5.03	4.79	4.09	4.29	2.93	1.78	1.35	1.02	1.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1998, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	131	142	163	266	277	247	215	168	141	115	204	96.2
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	155	181	178	128	93.9	107	71.8	62.3	61.5
(WY)	1994	1994	1994	1994	1994	1994	1995	1994	1993	1993	1993	1993

SANTEE RIVER BASIN

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02160326 ENOREE RIVER AT PELHAM, SC--Continued

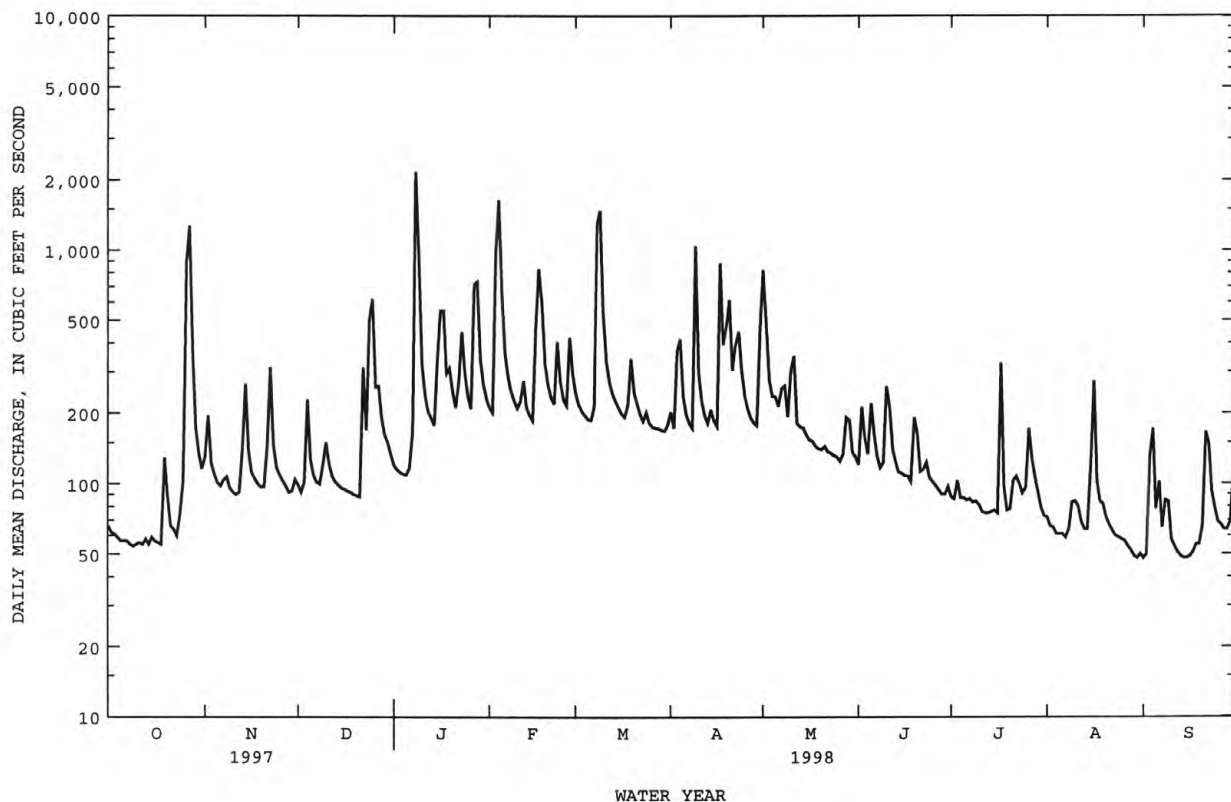
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR			FOR 1998 WATER YEAR			WATER YEARS 1993 - 1998	
ANNUAL TOTAL	56373			72872			182	
ANNUAL MEAN	154			200			204	1996
HIGHEST ANNUAL MEAN							151	1997
LOWEST ANNUAL MEAN							8500	Aug 27 1995
HIGHEST DAILY MEAN	1630	Mar	1	2170	Jan	8	42	Oct 11 1993
LOWEST DAILY MEAN	42	Sep	7	48	***	Aug 30	44	Sep 3 1997
ANNUAL SEVEN-DAY MINIMUM	44	Sep	3	50	Sep	11	* 11300	Aug 27 1995
INSTANTANEOUS PEAK FLOW				2710	Jan	8	** 22.98	Aug 27 1995
INSTANTANEOUS PEAK STAGE				11.78	Jan	8	2.16	
ANNUAL RUNOFF (CFSM)	1.83			2.37			29.41	
ANNUAL RUNOFF (INCHES)	24.91			32.20			296	
10 PERCENT EXCEEDS	268			355			123	
50 PERCENT EXCEEDS	116			131			64	
90 PERCENT EXCEEDS	56			60				

e Estimated

* From rating curve extended above 3,000 ft³/s on basis of contracted-opening and flow-over-road measurement of peak flow.

** From floodmarks.

*** Also occurred on Sept. 1, 14, 15.



SANTEE RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5.9	20	18	18	24	27	24	53	14	9.5	5.9	5.5
2	5.5	28	16	17	23	24	20	33	21	9.2	5.6	5.6
3	5.1	16	16	17	315	22	78	28	16	8.4	5.8	24
4	4.7	14	22	16	214	21	87	26	17	7.8	5.7	24
5	4.5	14	13	16	68	21	40	24	40	7.7	5.1	11
6	4.5	13	12	16	41	20	34	23	21	9.1	4.9	8.9
7	4.5	13	12	18	32	27	32	39	18	9.2	4.9	8.3
8	4.5	13	12	122	28	302	30	36	17	9.0	7.0	8.8
9	4.6	13	14	33	26	163	294	25	17	8.3	12	e7.3
10	4.6	12	14	23	25	51	50	58	24	7.2	9.8	6.6
11	4.4	12	12	21	28	41	41	35	20	6.7	7.0	6.6
12	4.5	13	12	19	25	35	33	25	16	6.9	6.3	6.4
13	4.8	21	11	19	23	30	31	22	15	6.7	6.1	6.6
14	5.2	33	11	17	21	29	38	21	14	7.1	6.6	7.1
15	5.6	15	11	65	21	27	34	20	14	7.6	51	7.0
16	5.2	12	11	82	47	25	32	19	15	7.2	37	6.8
17	5.4	11	11	42	96	25	177	19	14	6.9	15	5.9
18	5.8	11	11	27	38	26	54	18	13	6.5	10	5.7
19	25	11	11	43	32	34	111	18	19	7.7	10	5.9
20	7.7	10	12	28	31	26	58	17	16	9.2	10	6.1
21	6.2	47	12	23	27	23	37	17	15	6.7	8.7	20
22	6.6	141	41	35	27	22	54	16	15	6.1	7.8	12
23	6.1	35	19	58	50	21	55	16	14	6.1	8.1	10
24	7.3	26	209	31	31	22	44	16	13	7.5	7.7	8.6
25	14	23	72	24	27	22	35	16	11	8.6	8.0	8.2
26	216	22	34	22	25	23	31	15	11	12	7.0	7.5
27	50	18	32	205	59	22	28	21	10	11	5.9	6.7
28	22	18	25	61	34	23	28	19	9.8	8.3	5.8	7.2
29	19	17	23	37	---	22	29	16	9.6	7.8	5.6	9.0
30	17	21	21	30	---	21	77	15	9.4	6.6	5.5	16
31	14	---	19	27	---	21	---	15	---	6.3	5.8	---
TOTAL	500.2	673	769	1212	1438	1218	1716	741	478.8	244.9	301.6	279.3
MEAN	16.1	22.4	24.8	39.1	51.4	39.3	57.2	23.9	16.0	7.90	9.73	9.31
MAX	216	141	209	205	315	302	294	58	40	12	51	24
MIN	4.4	10	11	16	21	20	20	15	9.4	6.1	4.9	5.5
CFSM	1.15	1.60	1.77	2.79	3.67	2.81	4.09	1.71	1.14	.56	.69	.66
IN.	1.33	1.79	2.04	3.22	3.82	3.24	4.56	1.97	1.27	.65	.80	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1998, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	12.1	16.1	18.5	33.3	39.0	31.7	26.1	15.6	13.0	9.26	22.9	9.44
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	23.1	32.8	20.1	12.5	9.69	8.95	5.26	8.65	8.54
(WY)	1997	1997	1997	1997	1996	1995	1995	1995	1996	1995	1997	1996

SANTEE RIVER BASIN

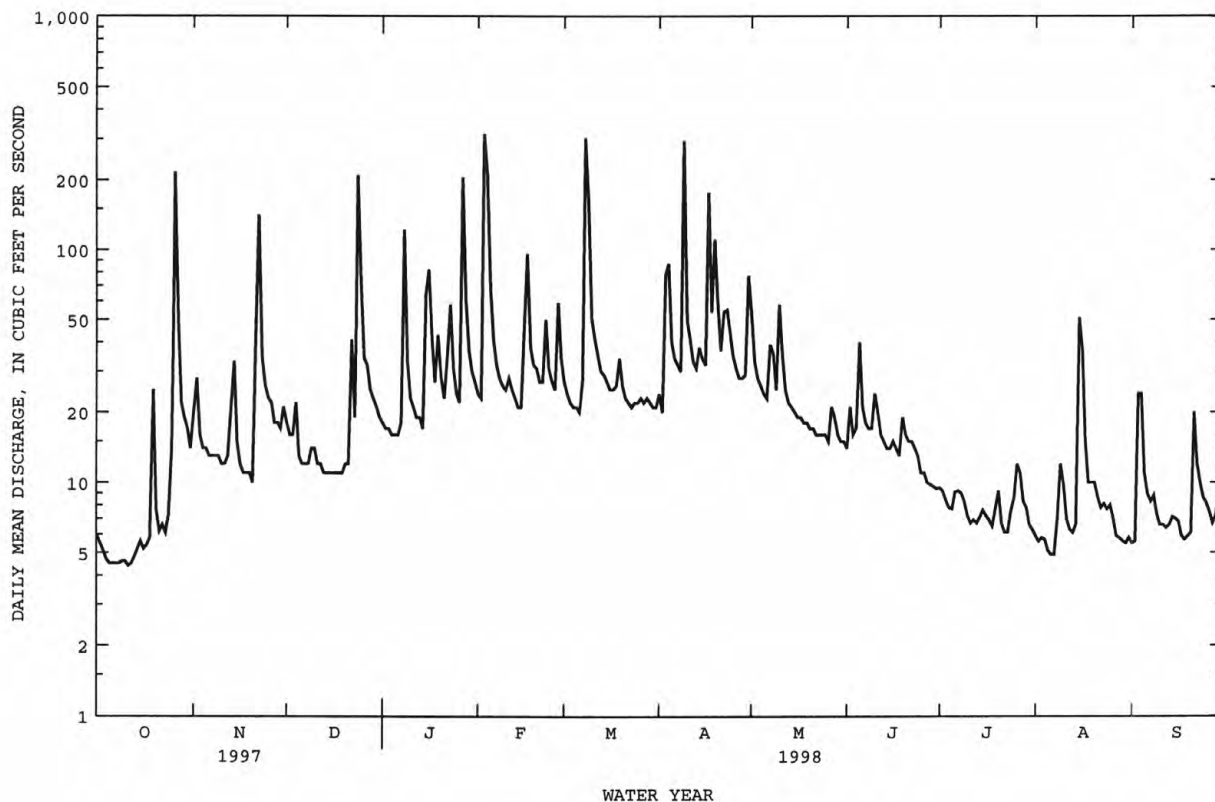
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02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1994 - 1998	
ANNUAL TOTAL	6907.0		9571.8		20.5	
ANNUAL MEAN	18.9		26.2		26.2	
HIGHEST ANNUAL MEAN					15.8	
LOWEST ANNUAL MEAN					800	
HIGHEST DAILY MEAN	310	Feb 28	315	Feb 3	Aug 27 1995	
LOWEST DAILY MEAN	4.4	Oct 11	4.4	Oct 11	Aug 19 1995	
ANNUAL SEVEN-DAY MINIMUM	4.5	Oct 5	4.5	Oct 5	Aug 15 1995	
INSTANTANEOUS PEAK FLOW			835	Apr 9	Aug 27 1995	
INSTANTANEOUS PEAK STAGE			8.05	Apr 9	* 14.58 Aug 27 1995	
ANNUAL RUNOFF (CFSM)	1.35		1.87		1.46	
ANNUAL RUNOFF (INCHES)	18.35		25.43		19.85	
10 PERCENT EXCEEDS	29		45		31	
50 PERCENT EXCEEDS	13		17		12	
90 PERCENT EXCEEDS	6.8		6.1		6.1	

e Estimated

* From floodmarks.



SANTEE RIVER BASIN

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 state road 202, 0.7 mi downstream from Durbin Creek, and 4.0 mi south of Woodruff, and at mi 58.7.

DRAINAGE AREA.--249 mi².

PERIOD OF RECORD.--February 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	185	314	290	373	531	631	436	1760	e285	221	169	122
2	169	521	261	352	495	549	406	1290	e436	208	158	121
3	164	366	251	340	1970	504	667	768	e414	223	148	143
4	161	285	423	328	5180	469	1600	659	e318	222	145	497
5	155	257	371	319	3090	444	730	582	e437	201	139	232
6	152	239	291	319	1110	429	549	539	e425	206	138	164
7	149	232	268	328	808	450	490	595	e327	201	134	192
8	148	243	256	2000	676	3220	461	743	e277	198	140	147
9	144	227	277	2730	605	5370	4120	550	e264	194	169	170
10	143	214	305	857	552	2160	2120	721	364	186	219	148
11	143	206	351	573	527	994	832	1100	587	176	194	131
12	145	204	281	480	589	760	662	601	385	169	172	130
13	147	267	263	435	524	661	586	e498	330	167	150	127
14	151	585	253	410	479	602	593	e495	302	163	144	126
15	148	421	244	582	447	559	597	e476	291	161	227	124
16	148	302	239	1550	605	521	519	e436	287	164	760	124
17	142	262	236	1480	2340	501	2840	e417	283	384	360	123
18	145	251	232	774	1460	495	1680	e410	272	326	239	122
19	244	245	226	791	836	697	1170	e396	286	205	205	121
20	302	236	221	676	649	585	1920	e372	549	188	186	120
21	199	262	219	541	560	534	948	e378	334	203	169	137
22	178	1790	568	506	514	491	902	e363	321	193	160	309
23	169	647	573	1200	872	463	1380	e344	379	212	152	200
24	161	428	1460	812	739	472	971	e335	300	193	147	146
25	233	359	2580	604	564	447	730	e333	271	214	143	131
26	1240	330	905	517	511	425	640	e317	258	210	139	126
27	2660	303	662	1830	1030	416	583	e318	246	355	134	126
28	1160	282	608	2720	891	408	550	e410	232	249	130	124
29	479	268	488	993	---	401	526	e466	222	221	128	125
30	359	283	456	698	---	391	979	e366	226	191	125	178
31	304	---	407	591	---	389	---	e313	---	175	123	---
TOTAL	10427	10829	14465	26709	29154	25438	31187	17351	9908	6579	5746	4786
MEAN	336	361	467	862	1041	821	1040	560	330	212	185	160
MAX	2660	1790	2580	2730	5180	5370	4120	1760	587	384	760	497
MIN	142	204	219	319	447	389	406	313	222	161	123	120
CFSM	1.35	1.45	1.87	3.46	4.18	3.30	4.17	2.25	1.33	.85	.74	.64
IN.	1.56	1.62	2.16	3.99	4.36	3.80	4.66	2.59	1.48	.98	.86	.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1998, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	292	364	434	625	703	757	550	384	312	252	428	240
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	204	233	332	411	475	319	201	250	171	134	125
(WY)	1994	1994	1994	1994	1994	1994	1995	1994	1993	1993	1993	1993

SANTEE RIVER BASIN

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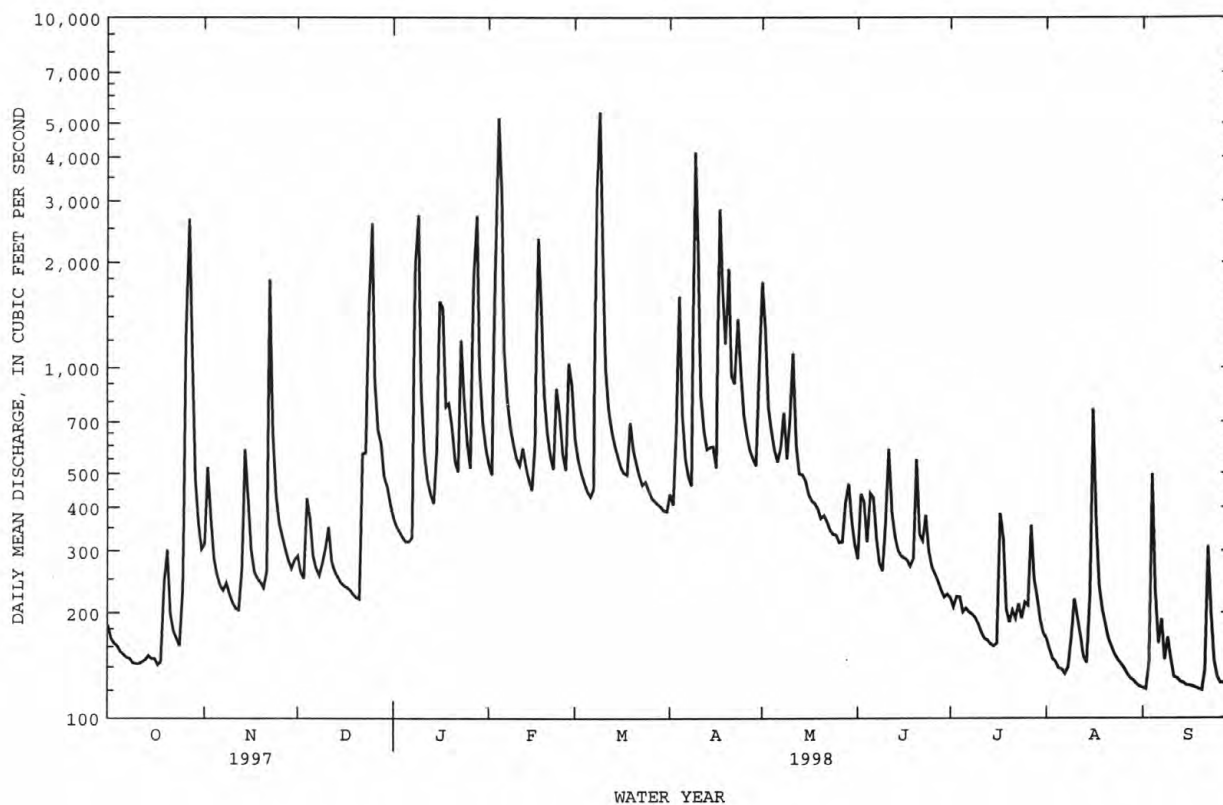
02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1993 - 1998	
ANNUAL TOTAL	149152		192579		442	
ANNUAL MEAN	409		528		528	1998
HIGHEST ANNUAL MEAN					323	1994
LOWEST ANNUAL MEAN					20000	Aug 27 1995
HIGHEST DAILY MEAN	4430	Mar 1	5370	Mar 9	88	Oct 11 1993
LOWEST DAILY MEAN	91	Sep 23	120	Sep 20	92	Oct 6 1993
ANNUAL SEVEN-DAY MINIMUM	105	Sep 17	123	Sep 14	* 52200	Aug 27 1995
INSTANTANEOUS PEAK FLOW			6020	Mar 9	** 29.90	Aug 27 1995
INSTANTANEOUS PEAK STAGE			16.02	Mar 9	1.77	
ANNUAL RUNOFF (CFSM)	1.64		2.12		24.11	
ANNUAL RUNOFF (INCHES)	22.28		28.77		711	
10 PERCENT EXCEEDS	634		985		314	
50 PERCENT EXCEEDS	300		335		150	
90 PERCENT EXCEEDS	152		145			

e Estimated

* From rating curve extended above 5,690 ft³/s, and on basis of contracted-opening measurement of peak flow.

** From floodmarks.



SANTEE RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	268	397	406	579	812	1050	600	2050	425	270	228	158
2	219	478	401	523	717	830	644	2160	416	270	217	153
3	201	635	362	495	1370	735	669	1480	527	260	203	186
4	196	454	361	471	4180	686	1810	1020	516	262	193	414
5	192	373	508	453	6460	649	2030	883	460	272	186	534
6	187	340	449	443	5010	625	1020	783	733	253	179	317
7	182	314	378	451	1880	622	829	746	574	254	172	244
8	179	313	355	751	1240	1640	742	1130	460	254	182	244
9	177	314	349	2180	1020	5050	2520	951	411	242	183	215
10	175	304	384	2780	902	6530	5110	758	405	241	217	214
11	173	289	462	982	827	3750	3570	1260	474	234	254	212
12	174	281	447	716	802	1560	1310	1130	609	226	241	199
13	173	312	379	620	817	1180	1010	774	448	219	211	178
14	175	469	357	564	728	1030	923	688	396	215	203	179
15	177	709	341	555	675	938	958	642	373	209	201	173
16	175	503	329	1380	663	866	849	609	354	213	305	170
17	172	396	322	2820	1240	810	2270	587	340	224	747	167
18	174	351	317	2000	2680	779	5610	567	337	369	406	166
19	181	335	311	1540	1930	1480	3530	541	331	360	298	163
20	230	329	306	1570	1090	1270	2260	514	367	268	258	162
21	296	331	301	1000	892	961	2640	498	535	241	238	161
22	227	805	361	821	789	845	1510	491	391	233	218	231
23	203	1770	833	1410	893	768	1480	477	389	242	210	339
24	196	751	1330	1760	1270	736	1700	466	418	237	202	266
25	195	550	3120	1070	936	727	1250	461	358	235	194	222
26	330	469	3800	824	783	681	1000	447	328	242	186	198
27	1540	418	1400	1660	781	657	885	431	316	251	185	188
28	2490	394	1060	3590	1440	640	807	420	303	352	174	182
29	1080	385	860	3870	---	626	760	490	289	291	160	179
30	552	387	755	1460	---	611	846	479	280	256	161	190
31	436	---	671	982	---	593	---	458	---	242	159	---
TOTAL	11325	14156	22015	40320	42827	39925	51142	24391	12563	7937	7171	6604
MEAN	365	472	710	1301	1530	1288	1705	787	419	256	231	220
MAX	2490	1770	3800	3870	6460	6530	5610	2160	733	369	747	534
MIN	172	281	301	443	663	593	600	420	280	209	159	153
CFSM	.82	1.06	1.60	2.93	3.44	2.90	3.84	1.77	.94	.58	.52	.50
IN.	.95	1.19	1.84	3.38	3.59	3.35	4.28	2.04	1.05	.66	.60	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1998, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1974	456	1654	1977	130	1982
1975	473	1236	1993	152	1982
1976	589	1537	1984	212	1989
1977	875	1680	1993	285	1989
1978	900	1554	1990	339	1986
1979	1048	2076	1993	359	1988
1980	758	1705	1998	289	1986
1981	561	1407	1984	214	1988
1982	397	599	1975	135	1988
1983	337	858	1997	104	1986
1984	382	1660	1995	76.1	1988
1985	278	714	1975	150	1981

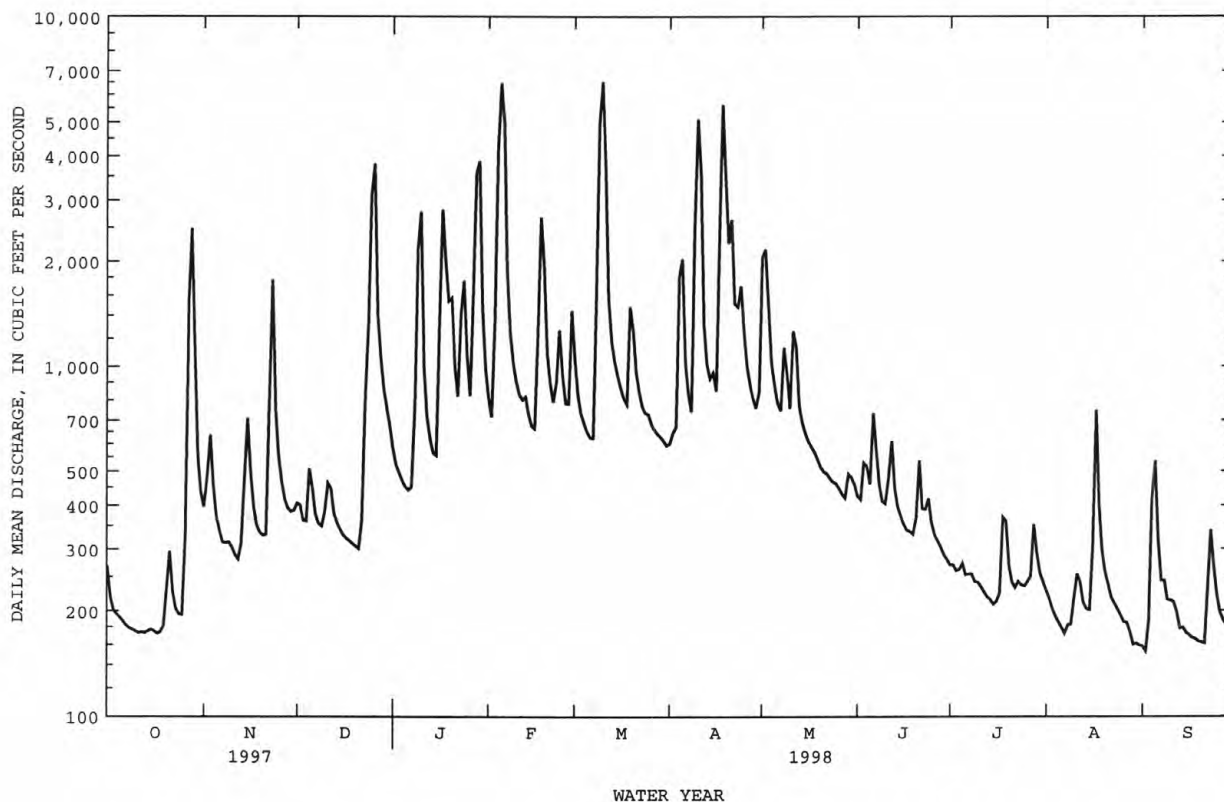
SANTEE RIVER BASIN

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02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1974 - 1998	
ANNUAL TOTAL	214319		280376		587	
ANNUAL MEAN	587		768		859	
HIGHEST ANNUAL MEAN					267	
LOWEST ANNUAL MEAN					1984	
HIGHEST DAILY MEAN	7600	Jul 25	6530	Mar 10	22700	Aug 29 1995
LOWEST DAILY MEAN	142	* Sep 23	153	Sep 2	51	Oct 9 1981
ANNUAL SEVEN-DAY MINIMUM	150	Sep 18	164	Aug 27	57	Oct 5 1981
INSTANTANEOUS PEAK FLOW			7020	Mar 10	31200	Aug 28 1995
INSTANTANEOUS PEAK STAGE			27.19	Mar 10	37.32	Aug 28 1995
INSTANTANEOUS LOW FLOW			147	Aug 29	50	Oct 9 1981
ANNUAL RUNOFF (CFSM)	1.32		1.73		1.32	
ANNUAL RUNOFF (INCHES)	17.96		23.49		17.95	
10 PERCENT EXCEEDS	963		1560		1040	
50 PERCENT EXCEEDS	388		453		403	
90 PERCENT EXCEEDS	184		186		177	

* Also occurred Sept. 24.



WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

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, 148 microsiemens Sept. 1, 1988, minimum, 21 microsiemens, Feb. 28, 1984.

pH: Maximum, 8.2 units Apr. 11, 1988; minimum, 5.0 units July 4, 1987.

WATER TEMPERATURE: Maximum, 32.5°C July 19-21, 1986, minimum, 0.5°C several days, several years.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sept. 6, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 119 microsiemens, Oct. 14; minimum, 34 microsiemens, Feb. 5, Mar. 10.

pH: Maximum, 7.9 units, Mar. 31; minimum, 6.5 units, Apr. 3.

WATER TEMPERATURE: Maximum, 29.5°C, June 28, 30, July 22; minimum, 3.0°C, Jan. 2.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Jan. 2; minimum, 5.7 mg/L, June 3, Aug. 27, 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

[illegible]

SANTÉE RIVER BASIN

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02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	64	57	61	58	53	56	72	67	68	63	50	53
2	67	62	65	62	58	60	72	68	70	52	47	50
3	65	43	57	64	60	63	71	65	68	53	50	52
4	43	35	38	65	63	64	65	51	58	59	53	57
5	36	34	35	67	63	65	54	48	51	62	59	60
6	44	36	39	69	64	66	58	54	56	63	60	61
7	51	44	48	69	67	68	61	57	59	67	61	64
8	56	51	53	69	43	57	63	59	62	65	60	62
9	59	56	57	43	35	38	61	35	44	64	61	63
10	62	59	60	38	34	36	36	35	35	67	62	64
11	63	59	61	48	38	44	49	36	43	65	56	62
12	64	61	63	54	47	51	55	49	52	57	53	54
13	67	63	65	59	53	56	60	54	57	64	57	62
14	66	64	65	61	59	60	60	57	59	69	62	66
15	69	65	67	63	61	62	63	59	61	71	66	69
16	70	67	69	64	60	63	66	60	64	72	69	70
17	69	56	65	67	61	65	---	---	---	76	71	73
18	56	43	46	67	62	65	---	---	---	76	72	75
19	50	45	48	62	51	56	---	---	---	76	72	73
20	56	50	53	62	52	58	---	---	---	75	72	73
21	60	56	58	65	59	61	50	46	48	76	72	74
22	64	59	62	67	61	64	55	50	52	77	74	76
23	65	61	63	69	65	67	58	55	57	79	76	77
24	63	56	59	66	64	65	56	53	55	80	77	78
25	58	54	56	66	64	65	59	56	57	80	77	78
26	64	58	61	67	64	65	63	59	61	79	75	77
27	66	63	64	70	66	69	63	61	62	78	74	75
28	66	54	61	76	68	71	64	62	63	79	74	75
29	---	---	---	82	69	74	66	62	64	78	75	77
30	---	---	---	77	69	73	67	63	65	78	76	77
31	---	---	---	72	67	68	---	---	---	82	77	79
MONTH	70	34	57	82	34	61	---	---	---	82	47	68

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	81	79	80	93	92	93	98	90	94	114	112	113
2	82	78	80	93	91	92	99	94	97	115	113	114
3	80	76	78	96	92	94	100	98	100	113	78	103
4	78	73	76	95	92	93	104	100	103	89	77	83
5	76	71	73	97	94	95	105	101	103	96	86	92
6	77	67	73	95	92	94	105	101	103	91	78	82
7	75	69	73	94	91	93	109	102	105	88	80	85
8	75	69	72	93	91	92	105	102	104	97	88	92
9	77	74	75	93	89	91	108	102	106	98	96	98
10	80	76	78	94	89	92	109	106	107	99	89	95
11	82	77	79	95	92	94	111	107	109	98	89	95
12	82	71	79	96	94	95	107	97	102	99	95	97
13	76	69	73	98	93	96	97	94	95	104	96	100
14	83	75	78	110	90	99	102	93	98	105	98	101
15	83	81	82	111	93	97	100	91	98	106	101	104
16	87	82	85	97	94	96	97	91	95	112	105	108
17	86	83	84	99	95	97	92	64	79	110	106	108
18	87	83	85	100	94	96	71	62	66	111	109	110
19	88	83	86	100	74	86	76	71	74	114	108	111
20	89	84	87	81	74	77	83	75	80	112	109	110
21	88	79	85	91	81	86	90	83	87	---	---	---
22	79	74	76	96	90	93	93	88	91	---	---	---
23	80	78	79	109	94	97	102	93	98	109	102	106
24	81	78	79	101	85	95	102	97	100	108	86	96
25	84	77	80	104	92	99	104	101	103	94	86	91
26	85	79	83	117	95	102	106	103	105	95	90	93
27	89	84	87	114	88	101	107	103	105	100	94	97
28	92	88	90	100	94	97	115	104	109	106	99	103
29	97	92	94	100	76	87	110	107	108	107	105	106
30	95	92	94	99	82	87	111	108	110	109	104	108
31	---	---	---	90	87	88	114	111	112	---	---	---
MONTH	97	67	81	117	74	93	115	62	98	---	---	---

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	7.3	7.2	7.0	---	---	7.1	7.0	7.1	6.9	6.9	6.7
2	7.3	7.2	7.2	7.1	7.2	7.1	7.2	7.1	7.2	7.0	7.0	6.8
3	7.3	6.8	7.1	7.0	7.2	7.2	7.3	7.2	7.3	7.0	7.1	6.7
4	7.4	7.2	7.2	7.1	7.3	7.2	7.4	7.2	7.1	6.9	7.0	6.7
5	7.4	7.2	7.3	7.1	7.3	7.3	7.3	7.3	7.1	6.8	7.0	6.9
6	7.4	7.3	7.4	7.2	7.3	7.3	7.3	7.3	7.1	6.9	7.3	7.0
7	7.5	7.4	7.4	7.2	7.4	7.3	7.3	7.3	7.1	6.9	7.5	7.3
8	7.6	7.5	7.3	7.2	7.4	7.3	7.3	7.0	7.1	6.9	7.5	7.2
9	7.7	7.6	7.3	7.1	7.4	7.2	7.0	6.6	7.2	7.1	7.2	6.8
10	7.7	7.7	7.3	7.1	7.3	7.3	6.8	6.6	7.2	7.1	7.1	6.8
11	7.7	7.6	7.4	7.3	7.3	7.3	6.9	6.7	7.2	7.1	7.1	6.9
12	7.7	7.5	7.4	7.3	7.3	7.2	6.9	6.8	7.3	7.2	7.1	6.9
13	7.6	7.5	7.4	7.3	7.2	7.2	6.9	6.8	7.2	7.1	7.2	6.9
14	7.5	7.5	7.3	7.2	7.2	7.1	7.2	6.9	7.3	7.1	7.5	7.2
15	7.5	7.2	7.3	7.2	7.2	7.2	7.5	7.2	7.4	7.2	7.5	7.4
16	7.4	7.1	7.3	7.2	7.3	7.2	7.5	7.3	7.3	7.0	7.5	7.4
17	7.5	7.4	7.3	7.2	7.5	7.3	7.3	7.3	7.2	7.0	7.6	7.5
18	7.5	7.1	7.4	7.3	7.5	7.4	7.4	7.2	7.1	7.0	7.6	7.5
19	7.4	6.8	7.3	7.3	7.6	7.5	7.3	7.2	7.1	6.9	7.6	7.4
20	7.3	7.1	7.3	7.3	7.6	7.4	7.4	7.3	7.2	7.0	7.5	7.4
21	7.2	7.1	7.4	7.3	7.5	7.5	7.4	7.3	7.3	7.0	7.5	7.3
22	7.2	7.0	7.4	7.0	7.5	7.5	7.4	7.3	7.2	7.0	7.4	7.3
23	7.2	7.0	7.0	6.8	7.5	7.4	7.4	7.3	7.1	6.8	7.4	7.0
24	7.2	6.8	7.0	6.9	7.4	7.1	7.4	7.2	7.2	7.0	7.2	7.0
25	7.3	7.1	7.1	7.0	7.1	6.9	7.3	7.2	7.2	7.1	7.6	7.1
26	7.3	7.2	---	---	7.0	6.8	7.4	7.2	7.1	6.9	7.6	7.5
27	7.2	6.7	---	---	7.1	7.0	7.3	7.0	7.1	6.8	7.5	7.1
28	6.7	6.7	---	---	7.2	7.1	7.0	6.9	7.1	6.9	7.5	7.2
29	6.8	6.6	---	---	7.1	7.0	7.0	6.9	---	---	7.4	7.0
30	7.0	6.8	---	---	7.1	7.0	7.0	6.8	---	---	7.7	6.9
31	7.1	6.9	---	---	7.1	7.0	7.1	6.9	---	---	7.9	7.3
MONTH	7.7	6.6	---	---	---	---	7.5	6.6	7.4	6.8	7.9	6.7
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.6	7.1	7.1	6.8	7.4	7.1	---	---	7.3	7.3	7.0	7.0
2	7.1	6.8	7.1	6.8	7.5	7.3	---	---	7.4	7.3	7.0	7.0
3	6.8	6.5	7.4	7.1	7.3	7.2	---	---	7.3	7.2	7.2	7.0
4	6.8	6.6	7.5	7.4	7.2	7.0	---	---	7.3	7.2	7.2	7.1
5	7.0	6.7	7.5	7.5	7.2	7.0	---	---	7.4	7.2	7.2	7.1
6	7.1	7.0	7.5	7.4	7.2	7.1	---	---	7.4	7.3	7.1	7.1
7	7.3	7.1	7.5	7.1	7.2	7.1	7.3	7.2	7.4	7.3	7.2	7.1
8	7.4	7.3	7.2	7.0	---	---	7.3	7.3	7.3	7.3	7.3	7.0
9	7.4	6.8	7.4	7.2	---	---	7.3	7.2	7.3	7.3	7.2	7.1
10	6.8	6.6	7.4	7.3	---	---	7.3	7.2	7.3	7.3	7.2	7.1
11	7.2	6.7	7.5	7.4	---	---	7.4	7.0	7.3	7.3	7.2	7.2
12	7.2	7.1	7.4	7.3	---	---	7.4	7.0	7.3	7.3	7.3	7.1
13	7.3	7.2	7.5	7.4	---	---	7.4	7.1	7.3	6.9	7.3	7.2
14	7.3	7.3	7.4	7.0	---	---	7.4	6.9	7.3	6.9	7.3	7.2
15	7.4	7.3	7.4	7.0	---	---	7.4	6.9	7.4	7.0	7.3	7.2
16	7.4	7.3	7.5	7.3	---	---	7.4	7.3	7.2	7.2	7.3	7.2
17	7.3	6.8	7.3	7.0	---	---	7.4	7.3	7.2	6.9	7.3	7.2
18	6.9	6.6	7.4	7.0	---	---	7.3	7.2	7.0	6.9	7.2	7.2
19	7.0	6.7	7.4	7.3	---	---	7.2	7.1	7.1	7.0	7.3	7.2
20	7.3	6.9	7.4	7.0	---	---	7.2	7.1	7.2	7.1	7.3	7.2
21	7.3	7.1	7.3	7.0	---	---	7.3	7.2	7.2	7.2	7.2	7.1
22	7.3	7.1	7.4	7.3	---	---	7.4	7.3	7.3	7.2	7.4	7.0
23	7.4	7.3	7.4	7.3	---	---	7.4	7.3	7.3	7.2	7.3	7.2
24	7.4	7.3	7.4	7.3	---	---	7.4	7.3	7.3	7.2	7.3	7.2
25	7.5	7.4	7.4	7.4	---	---	7.4	7.3	7.3	7.3	7.2	7.1
26	7.5	7.4	7.4	7.4	---	---	7.4	7.3	7.4	7.3	7.2	7.1
27	7.5	7.4	7.4	7.1	---	---	7.4	7.3	7.4	7.2	7.2	7.1
28	7.5	7.5	7.6	7.1	---	---	7.3	7.2	7.2	6.8	7.1	6.9
29	7.5	7.3	7.5	7.4	---	---	7.2	7.2	7.0	6.9	7.0	7.0
30	7.3	7.0	7.4	7.4	---	---	7.3	7.2	7.1	7.0	7.1	7.0
31	---	---	7.6	7.4	---	---	7.3	7.2	7.0	7.0	---	---
MONTH	7.6	6.5	7.6	6.8	---	---	---	---	7.4	6.8	7.4	6.9

SANTÉE RIVER BASIN

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02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.0	18.0	19.0	14.0	12.5	13.0	---	---	---	4.5	3.5	4.0
2	19.0	17.5	18.0	15.0	14.0	14.0	10.5	10.0	10.0	4.0	3.0	3.5
3	18.0	16.0	17.0	14.0	13.5	13.5	10.0	9.0	9.5	5.0	3.5	4.5
4	18.0	15.5	17.0	13.5	12.0	13.0	11.0	9.5	10.5	6.5	4.5	5.5
5	19.0	16.0	17.5	12.0	11.0	11.5	10.5	9.0	10.0	9.0	6.5	7.5
6	20.0	17.0	18.5	11.0	10.5	11.0	9.0	6.5	7.5	11.0	9.0	10.0
7	20.5	18.0	19.0	11.0	10.5	10.5	6.5	5.0	5.5	13.0	11.0	12.0
8	21.0	18.5	19.5	11.5	10.5	11.0	5.0	4.0	4.5	14.5	13.0	14.0
9	21.0	18.5	20.0	11.0	9.5	10.5	5.0	4.0	4.5	14.5	14.0	14.5
10	21.5	19.0	20.0	10.5	9.5	10.5	6.5	5.0	6.0	14.0	11.0	12.0
11	21.5	19.5	20.5	10.5	9.5	10.0	7.5	6.5	7.0	11.0	9.5	10.0
12	20.5	19.5	20.0	10.0	9.5	10.0	8.0	7.0	7.5	9.5	9.0	9.5
13	20.0	18.5	19.5	10.0	9.5	9.5	8.0	7.5	7.5	10.5	9.5	10.0
14	20.5	19.0	19.5	9.5	9.0	9.0	7.5	7.0	7.5	10.0	9.5	10.0
15	20.0	18.0	19.0	9.5	8.5	9.0	7.0	5.0	6.0	9.5	8.0	8.5
16	18.0	17.0	17.5	9.0	8.0	8.5	5.5	4.0	5.0	8.0	7.5	8.0
17	17.0	16.5	16.5	8.0	6.5	7.0	5.0	3.5	4.5	8.0	7.5	8.0
18	16.5	16.0	16.0	7.0	5.5	6.0	5.0	3.5	4.5	8.0	7.5	7.5
19	16.0	15.0	15.5	7.0	5.5	6.0	5.5	4.0	4.5	8.0	7.5	8.0
20	16.0	14.0	15.0	7.0	5.5	6.5	6.0	4.5	5.0	8.0	7.5	7.5
21	15.5	13.5	14.5	7.5	6.5	6.5	7.0	5.5	6.0	7.5	7.0	7.0
22	15.5	14.5	14.5	9.5	7.5	8.5	7.5	7.0	7.5	7.5	7.0	7.0
23	14.5	13.0	14.0	10.0	9.5	9.5	8.5	7.5	8.0	7.5	7.5	7.5
24	13.0	12.0	12.5	10.0	8.5	9.0	8.5	8.5	8.5	8.0	7.5	8.0
25	15.0	13.0	14.0	8.5	7.0	8.0	9.0	8.5	9.0	8.0	7.5	7.5
26	16.0	15.0	15.5	---	---	---	9.0	8.5	8.5	7.5	7.0	7.0
27	16.5	15.5	16.0	---	---	---	9.0	8.5	8.5	7.5	6.5	7.0
28	16.0	14.0	15.0	---	---	---	8.5	7.0	7.5	7.0	6.5	6.5
29	14.0	13.0	13.5	---	---	---	7.0	5.5	6.0	7.5	6.5	6.5
30	13.5	12.5	12.5	---	---	---	5.5	5.0	5.5	8.0	7.0	7.5
31	12.5	11.5	12.0	---	---	---	5.0	4.5	5.0	7.5	7.0	7.5
MONTH	21.5	11.5	16.7	---	---	---	---	---	---	14.5	3.0	8.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	6.5	7.0	13.5	13.0	13.0	20.0	19.0	19.5	16.5	15.5	16.0
2	7.0	6.5	6.5	13.0	12.0	12.5	19.5	18.0	18.5	16.5	16.0	16.5
3	7.5	7.0	7.5	12.0	10.5	11.0	18.5	15.5	17.0	16.5	16.0	16.5
4	7.5	7.0	7.5	10.5	9.5	9.5	15.5	14.5	14.5	17.0	16.0	16.5
5	7.5	7.0	7.0	10.0	9.5	9.5	14.5	13.5	14.0	17.5	17.0	17.5
6	8.0	7.0	7.5	10.0	9.5	10.0	14.5	13.5	14.5	18.0	17.0	17.5
7	8.5	8.0	8.5	10.0	10.0	10.0	16.0	14.5	15.0	18.5	18.0	18.5
8	9.0	8.5	8.5	11.5	10.0	10.5	17.5	16.0	17.0	19.0	18.0	18.5
9	9.5	9.0	9.0	12.0	11.5	11.5	18.0	16.5	17.5	19.5	19.0	19.0
10	9.5	8.5	9.0	11.5	10.5	11.0	17.5	16.0	16.5	20.0	19.5	19.5
11	9.0	8.5	9.0	10.5	9.0	9.5	16.0	15.0	15.0	19.5	19.0	19.0
12	10.0	9.0	9.5	9.5	8.0	8.5	15.0	14.0	14.5	19.5	18.5	19.0
13	9.5	9.0	9.5	8.0	7.5	7.5	15.0	14.5	14.5	20.0	19.0	19.5
14	10.0	9.0	9.5	9.0	7.5	8.0	15.0	14.5	14.5	21.0	19.5	20.0
15	9.5	8.5	9.0	10.5	9.0	10.0	16.0	14.5	15.5	22.0	20.5	21.0
16	9.0	8.5	8.5	11.0	10.0	10.5	17.5	16.0	17.0	22.5	21.5	22.0
17	9.5	8.5	9.0	10.0	9.0	9.5	17.5	17.5	17.5	22.5	21.5	22.0
18	10.0	9.0	9.5	9.0	8.5	9.0	18.0	17.5	18.0	23.0	21.5	22.0
19	10.5	9.5	10.0	11.0	8.5	9.0	17.5	17.0	17.5	23.0	21.5	22.5
20	11.0	10.5	10.5	12.0	11.0	11.5	17.0	16.0	16.5	23.5	22.0	22.5
21	11.0	10.5	10.5	12.5	11.5	12.0	16.5	15.5	16.0	24.5	22.5	23.5
22	10.5	9.5	10.0	12.0	11.0	11.5	16.0	15.0	15.5	24.5	23.0	23.5
23	10.0	9.5	9.5	12.0	11.0	11.5	15.0	14.5	14.5	24.5	23.0	23.5
24	10.0	9.0	9.5	12.5	11.0	12.0	14.5	13.5	14.0	24.0	23.0	23.5
25	10.5	9.5	10.0	13.0	12.0	12.0	15.5	14.5	15.0	24.5	22.5	23.5
26	11.0	10.5	10.5	14.0	12.0	13.0	16.5	15.5	16.0	25.0	23.0	24.0
27	11.5	11.0	11.5	16.0	13.5	14.5	17.0	16.5	17.0	25.0	23.5	24.0
28	13.0	11.5	12.5	17.0	15.0	16.0	17.0	16.0	16.5	25.0	23.5	24.0
29	---	---	---	18.0	16.0	17.0	16.0	15.5	16.0	25.5	24.0	24.5
30	---	---	---	18.5	17.0	17.5	16.0	15.5	16.0	25.0	24.0	24.5
31	---	---	---	19.0	18.0	18.5	---	---	---	25.0	23.5	24.0
MONTH	13.0	6.5	9.1	19.0	7.5	11.5	20.0	13.5	16.0	25.5	15.5	20.9

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.0	24.0	25.0	29.0	27.0	28.0	27.5	25.5	26.5	28.0	26.0	27.0
2	25.5	24.5	25.0	28.5	26.5	27.5	27.0	24.5	25.5	27.5	25.0	26.5
3	26.0	24.0	25.0	28.5	26.0	27.0	26.0	23.0	24.5	26.0	22.0	24.0
4	26.0	24.5	25.0	28.5	26.0	27.0	26.0	22.5	24.0	23.0	22.0	22.5
5	25.0	24.0	24.5	28.5	26.0	27.0	26.0	22.5	24.0	24.0	23.0	23.5
6	24.0	23.0	24.0	28.5	26.5	27.0	26.5	23.0	24.5	26.0	23.5	24.5
7	23.5	22.0	23.0	27.0	25.5	26.5	26.0	24.0	25.0	27.0	24.5	26.0
8	22.5	21.0	21.5	27.5	26.0	27.0	27.0	24.5	25.5	26.5	24.5	26.0
9	21.5	21.0	21.0	28.5	26.0	27.5	26.5	25.5	26.0	24.5	21.5	23.0
10	21.5	20.5	21.0	28.5	26.5	27.5	27.0	25.5	26.0	22.5	20.0	21.0
11	23.0	21.0	22.0	27.5	26.0	27.0	27.5	25.5	26.5	22.5	19.5	21.0
12	24.0	22.5	23.5	27.5	25.5	26.5	28.0	26.0	27.0	23.0	20.0	21.5
13	26.5	24.0	25.0	27.0	25.5	26.5	28.0	25.5	26.5	24.0	21.0	22.5
14	25.0	24.0	24.5	27.0	24.5	25.5	27.0	25.5	26.0	25.0	22.0	23.0
15	26.0	24.0	25.0	26.0	24.0	25.5	26.5	25.5	26.0	25.0	22.5	23.5
16	26.0	25.0	25.5	27.0	25.0	26.0	27.0	25.5	26.0	26.0	22.5	24.0
17	26.0	24.0	25.0	27.5	26.0	26.5	25.5	25.0	25.0	25.5	23.0	24.0
18	26.5	24.0	25.0	27.5	26.0	27.0	27.0	25.0	26.0	25.5	23.5	24.5
19	26.5	24.5	25.5	28.0	26.0	27.0	27.5	25.5	26.5	25.0	24.0	24.5
20	26.0	24.0	25.0	28.5	26.0	27.0	27.0	25.5	26.0	25.5	23.0	24.0
21	25.5	24.5	25.0	29.0	26.5	28.0	26.0	23.5	25.0	25.0	24.0	24.5
22	26.5	24.0	25.0	29.5	27.0	28.5	26.0	23.0	24.5	26.0	24.0	25.0
23	27.0	25.0	26.0	28.5	27.0	28.0	26.5	23.5	25.0	25.5	24.0	24.5
24	27.0	25.0	26.0	28.0	26.5	27.5	27.0	24.0	25.5	24.0	22.0	23.0
25	27.5	25.5	26.5	27.5	26.5	27.0	27.5	24.5	26.0	23.0	20.5	22.0
26	28.5	26.0	27.0	27.0	26.0	26.5	27.5	25.5	26.5	23.5	20.5	22.0
27	29.0	26.5	27.5	26.5	26.0	26.0	28.5	25.5	27.0	23.5	20.5	22.0
28	29.5	27.0	28.0	27.0	25.5	26.0	29.0	26.0	27.5	23.0	22.0	22.5
29	29.0	27.0	28.0	27.5	25.5	26.5	29.0	26.0	27.5	23.0	22.5	22.5
30	29.5	27.0	28.0	28.0	26.0	27.0	29.0	26.0	27.5	24.0	22.5	23.0
31	---	---	---	27.5	26.5	27.0	29.0	26.5	27.5	---	---	---
MONTH	29.5	20.5	24.9	29.5	24.0	26.9	29.0	22.5	25.9	28.0	19.5	23.6

SANTÉE RIVER BASIN

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02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.7	6.0	6.5	6.9	6.6	6.8	7.1	6.7	7.0	6.7	6.2	6.4
2	6.4	6.0	6.2	7.1	6.7	6.9	7.4	7.0	7.3	7.0	6.4	6.7
3	6.2	5.7	6.0	7.1	6.8	7.0	7.7	7.1	7.3	7.6	6.6	7.2
4	6.3	6.0	6.1	7.1	6.7	6.9	7.4	7.1	7.2	7.5	7.0	7.2
5	6.3	5.9	6.1	7.0	6.7	6.8	7.4	7.1	7.2	7.2	6.9	7.0
6	7.2	6.1	6.9	7.1	6.8	6.9	7.4	7.0	7.2	6.9	6.7	6.8
7	7.2	6.8	6.9	7.2	6.9	7.0	7.3	7.0	7.1	7.0	6.7	6.9
8	7.6	7.0	7.2	7.0	6.7	6.9	7.1	6.8	7.0	6.9	6.7	6.8
9	7.6	7.2	7.3	7.0	6.6	6.8	7.1	6.8	7.0	7.7	6.9	7.5
10	7.7	7.3	7.5	6.9	6.6	6.7	7.0	6.7	6.8	8.2	7.7	8.0
11	7.8	7.2	7.4	7.0	6.6	6.8	6.8	6.6	6.7	8.4	7.9	8.1
12	7.9	7.0	7.5	7.0	6.6	6.8	6.9	6.6	6.7	8.2	7.8	8.0
13	7.2	6.5	6.8	7.1	6.7	6.9	6.9	6.6	6.8	8.1	7.7	7.9
14	7.0	6.7	6.9	7.2	6.8	7.0	7.0	6.7	6.9	7.9	7.6	7.8
15	7.1	6.8	7.0	7.1	6.8	6.9	7.0	6.7	6.8	8.0	7.5	7.7
16	7.0	6.8	6.9	7.0	6.5	6.8	6.9	6.7	6.8	7.9	7.6	7.7
17	7.2	6.9	7.0	6.8	6.5	6.6	6.8	6.5	6.7	8.0	7.5	7.7
18	7.2	6.9	7.1	6.8	6.3	6.6	6.7	6.4	6.6	7.8	7.4	7.6
19	7.0	6.7	6.9	6.4	6.3	6.3	6.7	6.4	6.5	7.6	7.3	7.5
20	7.0	6.7	6.9	6.6	6.3	6.4	6.7	6.4	6.5	7.6	7.0	7.3
21	6.8	6.7	6.8	6.6	6.3	6.5	6.8	6.5	6.7	7.0	6.7	6.8
22	6.9	6.7	6.8	6.5	6.2	6.3	6.8	6.4	6.6	6.8	6.4	6.6
23	6.9	6.7	6.8	6.5	6.2	6.4	6.7	6.2	6.5	6.5	6.2	6.4
24	7.0	6.7	6.9	6.7	6.4	6.6	6.4	6.0	6.3	6.6	6.2	6.4
25	7.0	6.7	6.9	6.8	6.4	6.6	6.3	5.9	6.1	6.8	6.3	6.6
26	6.9	6.6	6.8	6.8	6.5	6.6	6.1	5.8	5.9	7.1	6.6	6.9
27	6.8	6.5	6.7	6.8	6.6	6.7	6.0	5.7	5.9	7.5	6.9	7.2
28	6.7	6.5	6.6	6.9	6.7	6.8	6.2	5.7	5.9	7.7	7.2	7.4
29	7.0	6.5	6.8	6.8	6.5	6.7	6.3	5.8	6.1	7.3	7.1	7.2
30	6.9	6.6	6.7	6.9	6.6	6.7	6.4	6.0	6.2	7.2	7.0	7.1
31	---	---	---	6.9	6.7	6.8	6.6	6.1	6.3	---	---	---
MONTH	7.9	5.7	6.8	7.2	6.2	6.7	7.7	5.7	6.7	8.4	6.2	7.2

SANTÉE RIVER BASIN

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021607224 INDIAN CREEK ABOVE NEWBERRY, SC

LOCATION.--Lat 34°25'30'', long 81°36'18'', Newberry County, Hydrologic Unit 03050108, on downstream side of bridge of unnumbered dirt road (Monument Road), approximately 6.5 miles north of Newberry, SC.

DRAINAGE AREA.--62.7 mi², approximately.

PERIOD OF RECORD.--October 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 325 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	6.3	16	30	62	74	63	40	221	15	10	13	5.0
2	5.6	20	26	53	64	55	40	128	36	9.8	8.7	4.7
3	5.6	16	22	48	363	49	179	71	34	9.6	6.4	69
4	5.6	13	23	44	2120	44	679	68	19	9.5	5.8	374
5	5.6	12	23	39	1220	41	256	53	38	9.3	5.4	91
6	5.6	12	21	37	340	40	119	43	45	8.9	4.9	31
7	5.4	13	21	36	167	49	85	42	24	8.6	4.5	17
8	5.3	15	19	116	114	517	70	105	17	8.6	14	13
9	5.2	15	22	143	90	1580	883	73	16	8.6	16	20
10	5.2	13	29	e80	75	392	508	54	24	8.5	18	14
11	5.4	12	37	e60	67	158	164	79	26	8.5	9.3	11
12	5.6	13	30	e50	63	106	101	52	19	8.0	7.0	9.5
13	5.8	42	25	44	55	84	78	e39	16	7.6	6.1	8.6
14	6.5	226	23	39	50	74	89	e35	14	7.1	8.3	7.9
15	8.6	100	21	44	45	65	111	31	14	6.7	14	7.7
16	8.2	47	21	193	53	58	79	30	13	6.9	48	7.5
17	7.0	33	20	333	122	53	674	28	12	8.5	34	7.4
18	8.1	28	20	138	122	52	690	26	13	9.8	22	7.6
19	11	24	19	214	83	198	444	22	13	9.8	12	7.5
20	11	22	e18	255	66	149	315	20	15	24	9.3	7.4
21	8.6	26	e17	118	56	96	152	18	14	15	7.9	7.7
22	8.7	105	39	89	52	71	110	17	13	9.5	7.2	8.8
23	8.8	76	74	424	134	58	94	17	12	8.4	6.9	14
24	8.4	43	413	305	133	53	73	16	15	8.0	6.6	10
25	8.9	32	1110	137	82	48	58	16	16	8.0	6.3	7.6
26	90	28	263	91	65	43	49	15	14	11	6.0	7.0
27	155	26	145	592	74	42	41	14	13	12	5.6	6.9
28	37	23	128	955	78	41	35	13	12	10	5.1	6.9
29	19	21	95	241	---	38	32	13	12	9.4	4.8	7.7
30	15	27	106	130	---	37	71	16	11	8.1	4.7	11
31	14	---	82	92	---	36	---	24	---	7.9	4.6	---
TOTAL	506.0	1099	2942	5202	6027	4390	6319	1399	555	295.6	332.4	808.4
MEAN	16.3	36.6	94.9	168	215	142	211	45.1	18.5	9.54	10.7	26.9
MAX	155	226	1110	955	2120	1580	883	221	45	24	48	374
MIN	5.2	12	17	36	45	36	32	13	11	6.7	4.5	4.7
CFM	.26	.58	1.51	2.68	3.43	2.26	3.36	.72	.30	.15	.17	.43
IN.	.30	.65	1.75	3.09	3.58	2.60	3.75	.83	.33	.18	.20	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1998, BY WATER YEAR (WY)

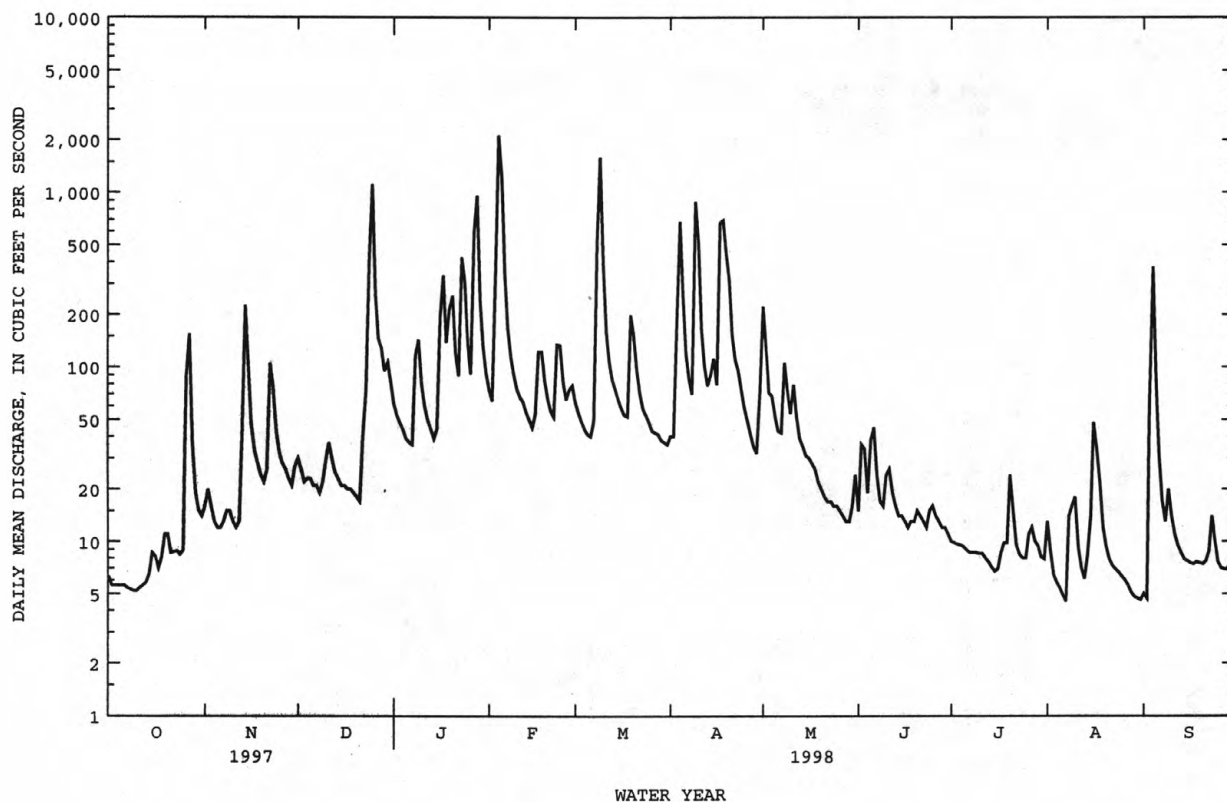
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
MEAN	49.0	53.1	59.8	121	163	114	121	45.4	18.4	10.2	9.47	20.6
MAX	93.2	92.9	94.9	168	215	142	211	50.8	19.7	13.9	11.5	29.6
(WY)	1997	1996	1998	1998	1998	1998	1998	1996	1997	1997	1996	1996
MIN	16.3	29.6	32.0	94.8	133	94.5	66.0	40.3	17.1	7.05	6.15	5.14
(WY)	1998	1997	1996	1997	1996	1997	1996	1997	1996	1996	1997	1997

SANTEE RIVER BASIN

021607224 INDIAN CREEK ABOVE NEWBERRY, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1996 - 1998	
ANNUAL TOTAL	19616.7		29875.4		64.8	
ANNUAL MEAN	53.7		81.9		81.9	
HIGHEST ANNUAL MEAN					56.1	
LOWEST ANNUAL MEAN					2.3	
HIGHEST DAILY MEAN	1110	Dec 25	2120	Feb 4	2120	Feb 4 1998
LOWEST DAILY MEAN	2.3	Sep 23	4.5	Aug 7	2.3	Sep 23 1997
ANNUAL SEVEN-DAY MINIMUM	2.6	Sep 17	4.9	Aug 27	2.6	Sep 17 1997
INSTANTANEOUS PEAK FLOW			3230	Feb 4	Unknown	Feb 3 1996
INSTANTANEOUS PEAK STAGE			6.67	Feb 4	7.56	Feb 3 1996
ANNUAL RUNOFF (CFSM)	.86		1.31		1.03	
ANNUAL RUNOFF (INCHES)	11.64		17.73		14.05	
10 PERCENT EXCEEDS	101		153		116	
50 PERCENT EXCEEDS	23		24		29	
90 PERCENT EXCEEDS	4.5		7.0		6.7	

e Estimated



SANTEE RIVER BASIN

185

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 mi² (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, 266.55 ft, Aug. 18; minimum elevation, 255.71 ft, Sept. 8.

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	264.33	260.18	259.21	259.89	258.74	259.78	260.83	259.48	263.94	263.80	263.60	263.06
2	260.33	259.11	259.85	260.63	259.35	259.89	260.99	260.41	264.28	263.36	262.25	263.13
3	259.79	262.22	260.76	259.45	259.10	259.97	261.32	259.92	264.86	264.02	262.37	261.23
4	262.44	262.04	260.27	259.74	261.34	260.36	261.48	260.15	262.55	263.67	261.81	259.44
5	261.78	263.37	264.45	260.09	261.71	257.91	261.30	260.71	264.47	262.66	262.93	263.13
6	263.87	263.18	262.35	262.31	260.56	258.02	261.02	263.88	262.63	263.47	262.99	262.94
7	263.47	261.99	261.29	259.81	259.44	258.36	260.80	262.86	261.42	263.26	262.93	263.42
8	263.41	262.73	263.51	259.61	259.68	259.81	261.27	264.06	260.10	264.03	261.81	262.40
9	263.63	259.30	262.11	260.81	260.18	261.40	262.27	261.56	263.22	263.96	260.95	258.80
10	263.16	263.11	258.85	260.25	259.71	261.62	262.04	259.75	260.54	264.16	263.93	260.02
11	262.62	264.14	264.50	261.16	259.97	260.08	261.98	260.93	264.32	262.08	264.66	261.51
12	260.69	263.17	262.69	260.91	259.91	259.38	260.66	263.32	265.34	260.40	261.31	262.14
13	261.53	264.64	259.52	260.61	259.93	260.41	261.07	262.96	263.91	261.46	263.99	263.75
14	262.55	262.60	261.24	260.71	259.82	260.47	260.16	263.55	264.47	262.05	260.36	263.50
15	261.73	259.34	263.27	260.88	259.38	260.35	263.92	263.53	265.13	263.60	262.90	264.08
16	261.13	259.62	260.15	260.19	259.81	260.03	264.39	264.03	262.23	261.12	262.08	264.16
17	260.74	261.43	261.32	260.14	261.10	261.30	263.34	263.88	261.76	261.82	262.86	264.51
18	261.47	261.38	261.88	259.59	261.55	260.67	262.80	263.46	265.00	263.27	264.64	263.51
19	260.32	262.06	264.50	259.50	261.10	261.01	260.27	264.23	261.48	262.80	262.94	264.52
20	263.77	261.58	263.16	261.03	260.47	261.47	259.52	263.40	261.47	262.75	262.98	264.16
21	260.65	260.09	263.22	260.89	260.24	261.53	259.24	265.01	264.19	263.73	262.56	264.48
22	259.62	262.60	264.06	260.30	260.05	261.00	258.81	263.43	264.68	263.85	264.05	264.86
23	260.73	264.27	263.88	260.24	260.15	262.28	259.73	263.57	264.02	263.96	262.75	263.74
24	264.87	264.90	263.15	260.57	260.35	261.54	259.73	263.89	264.16	262.93	263.93	261.54
25	264.65	263.25	262.35	259.91	260.14	261.83	259.23	263.10	264.33	264.77	263.78	264.68
26	258.25	263.17	261.50	260.23	259.94	261.48	260.00	263.52	264.71	263.35	263.86	263.63
27	261.80	260.73	259.63	260.06	259.92	262.63	263.86	263.56	263.30	261.93	264.08	263.46
28	263.70	260.24	258.33	260.87	260.29	262.08	260.52	264.53	263.45	263.01	263.95	263.84
29	263.42	259.46	260.41	260.37	---	261.93	261.01	264.75	263.30	264.06	264.41	263.91
30	261.09	259.59	261.35	259.66	---	264.88	262.46	263.95	264.40	263.94	263.50	262.52
31	259.73	---	259.88	259.33	---	263.39	---	263.74	---	261.92	261.33	---
MAX	264.87	264.90	264.50	262.31	261.71	264.88	264.39	265.01	265.34	264.77	264.66	264.86
MIN	258.25	259.11	258.33	259.33	258.74	257.91	258.81	259.48	260.10	260.40	260.36	258.80
(+)	3.06	2.93	3.19	2.70	3.59	6.97	5.85	7.39	8.22	5.22	4.63	5.92
(*)	-83.3	-6.70	+13.0	-24.5	+49.2	+169	-57.8	+76.9	+42.8	-150	-29.4	+66.5
CAL YR 1997	*	-7.63		MAX 265.41	MIN 257.09							
WTR YR 1998	*	+5.04		MAX 265.34	MIN 257.91							

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

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 mi², 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, July 14, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 235.64 ft, Feb. 5; minimum elevation, 219.51 ft, Sept. 25.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	222.03	221.65	221.83	222.82	222.61	222.71	222.81	221.61	222.22	223.59	223.06	223.29
2	221.98	221.18	221.42	222.79	222.28	222.49	222.99	222.66	222.81	224.13	222.66	223.52
3	221.47	221.07	221.27	223.73	222.30	222.76	222.87	221.27	222.52	223.68	222.39	222.65
4	221.31	221.18	221.24	222.81	221.54	221.87	221.45	221.20	221.32	222.67	222.22	222.58
5	221.29	221.16	221.24	222.23	221.60	221.93	222.69	221.23	222.00	222.80	219.79	222.55
6	221.68	221.21	221.32	222.45	222.03	222.21	222.88	222.44	222.69	222.98	221.73	222.77
7	221.49	221.22	221.36	222.41	222.01	222.20	222.82	221.74	222.60	226.45	222.74	224.45
8	221.49	220.76	221.26	222.22	221.24	221.87	223.99	221.66	222.30	224.07	220.66	222.14
9	221.32	220.69	221.23	221.31	220.71	220.86	223.06	221.67	222.52	227.40	223.03	225.40
10	221.44	221.16	221.30	222.83	220.70	221.72	223.04	222.58	222.77	227.77	225.28	226.70
11	221.33	220.80	221.25	222.06	221.70	221.86	222.88	222.00	222.41	225.29	222.70	223.97
12	221.73	221.29	221.68	223.17	221.77	222.56	223.13	222.01	222.58	225.30	222.59	223.76
13	222.04	221.32	221.80	223.13	222.44	222.84	222.82	222.58	222.69	223.91	222.49	223.12
14	222.04	220.78	221.40	223.17	222.43	222.81	222.77	221.95	222.27	223.90	222.74	223.33
15	220.97	220.72	220.83	222.85	222.65	222.74	222.30	221.95	222.14	223.28	222.70	222.94
16	222.34	220.74	220.86	222.82	222.46	222.75	222.22	221.63	221.99	225.84	222.65	223.92
17	221.01	220.70	220.85	223.16	222.69	222.88	222.20	221.95	222.08	229.00	224.92	227.44
18	220.83	220.77	220.80	222.90	221.19	222.07	222.20	220.98	221.98	228.97	226.86	228.17
19	222.80	220.79	221.94	222.34	221.35	221.81	224.09	221.64	221.83	228.11	225.07	226.48
20	222.45	221.36	222.07	222.42	221.71	222.04	221.79	221.66	221.72	229.34	223.07	225.72
21	222.06	220.72	221.46	222.39	221.75	222.01	221.77	221.67	221.73	227.08	222.37	224.16
22	221.76	220.57	221.19	221.89	221.73	221.81	223.10	221.65	222.38	224.36	222.04	223.44
23	221.73	220.61	220.78	223.57	221.76	222.51	223.15	222.78	222.91	225.54	223.72	224.75
24	220.81	220.60	220.68	226.75	222.55	223.93	227.72	222.79	224.27	226.11	224.96	225.76
25	221.31	220.62	221.03	224.31	222.70	223.00	229.83	223.51	226.94	226.00	224.86	225.47
26	223.87	221.21	222.63	224.84	222.67	223.27	229.61	225.38	227.34	227.03	222.00	224.40
27	229.26	222.58	224.37	222.89	222.43	222.76	227.18	223.18	224.73	229.40	222.31	224.44
28	227.00	222.75	224.14	222.81	221.63	222.53	224.71	223.37	224.12	231.52	226.81	229.61
29	226.72	222.66	224.05	221.69	221.59	221.64	225.20	221.80	223.64	231.85	229.66	231.14
30	224.84	222.66	223.06	221.70	221.24	221.65	223.63	222.16	222.70	229.76	225.29	227.29
31	223.08	222.61	222.82	---	---	---	223.66	221.67	222.89	225.85	223.40	224.72
MONTH	229.26	220.57	221.71	226.75	220.70	222.34	229.83	220.98	222.87	231.85	219.79	224.84

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	225.72	222.16	223.29	224.09	223.41	223.83	224.00	222.63	223.32	226.07	223.32	224.81
2	225.23	222.29	223.62	224.37	222.73	223.42	223.74	221.51	222.93	225.32	223.52	224.42
3	226.48	222.03	223.57	224.39	222.77	223.56	225.72	222.85	223.82	228.40	223.11	225.12
4	233.83	225.23	229.42	223.69	222.66	223.08	224.46	222.92	223.78	224.14	222.33	223.48
5	235.64	233.83	235.23	223.95	222.79	223.25	224.51	224.01	224.40	225.18	222.54	223.99
6	235.44	230.74	233.54	223.29	222.69	223.04	225.20	223.13	223.89	224.15	222.44	223.17
7	230.78	226.29	228.37	223.48	222.94	223.09	223.55	223.06	223.34	224.82	222.70	223.48
8	226.29	223.26	224.72	228.26	222.87	224.29	226.47	222.89	224.19	225.64	219.56	223.62
9	224.26	222.24	223.36	233.80	228.26	231.50	230.93	220.59	225.92	223.65	222.56	222.95
10	225.89	223.32	224.13	235.54	233.62	235.01	229.98	226.28	228.54	224.27	222.96	223.61
11	223.90	222.13	223.31	234.88	229.15	232.12	228.84	226.15	227.13	226.43	222.61	224.04
12	223.68	222.41	223.44	229.15	224.69	226.83	226.15	223.17	224.56	223.89	220.47	222.27
13	224.31	223.30	223.67	227.17	222.99	224.63	225.45	222.02	223.33	223.70	222.22	222.92
14	223.53	222.45	223.22	223.95	223.02	223.67	226.25	222.75	224.04	225.07	222.36	223.17
15	223.24	221.40	222.92	223.89	222.92	223.75	224.52	220.69	223.02	225.27	222.36	223.36
16	223.29	222.43	222.87	224.63	223.41	224.00	225.15	222.63	223.79	226.05	222.48	223.50
17	226.01	222.95	223.89	228.02	222.17	223.80	228.26	222.67	225.23	224.05	220.64	222.07
18	227.75	225.81	226.81	226.49	220.91	223.46	229.24	223.78	226.92	222.93	221.44	222.65
19	228.07	226.09	227.36	224.52	222.55	223.30	229.64	227.04	228.66	223.07	222.67	222.90
20	226.16	224.27	225.24	227.20	223.60	225.10	227.56	225.48	226.53	223.09	222.01	222.83
21	224.35	223.65	223.98	228.04	223.67	225.64	226.85	225.69	226.42	223.09	219.80	222.75
22	223.94	223.63	223.77	224.97	221.35	222.55	225.74	224.34	224.97	223.15	221.92	222.91
23	223.90	223.49	223.71	225.82	223.11	224.46	226.26	222.53	224.53	225.28	222.66	222.97
24	225.77	223.69	224.32	224.29	222.07	223.25	225.60	223.47	224.70	222.86	222.19	222.50
25	224.18	223.44	223.89	224.43	223.38	223.92	224.88	223.97	224.40	222.46	221.10	222.36
26	223.99	223.10	223.73	224.04	223.51	223.75	223.99	222.76	223.44	222.84	221.54	222.60
27	224.20	223.47	223.71	223.77	222.58	223.05	226.47	222.60	224.00	223.02	221.61	222.56
28	224.07	223.47	223.76	223.16	222.69	222.92	223.94	222.58	223.32	223.03	221.47	222.77
29	---	---	---	222.94	222.65	222.77	223.78	223.01	223.42	223.09	222.72	222.90
30	---	---	---	224.96	222.30	223.19	224.67	223.09	223.69	224.18	221.92	223.07
31	---	---	---	223.30	221.52	222.74	---	---	---	227.63	222.68	224.30
MONTH	235.64	221.40	225.10	235.54	220.91	224.61	230.93	220.59	224.67	228.40	219.56	223.23

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	223.23	220.60	222.17	222.55	220.54	221.55	222.09	220.61	221.76	220.85	220.57	220.72
2	222.93	222.07	222.70	222.10	221.18	221.34	222.10	221.73	222.00	220.67	220.56	220.63
3	222.97	222.54	222.79	222.54	221.26	222.06	222.27	220.66	221.72	226.78	219.82	222.59
4	223.42	222.62	222.84	221.73	221.18	221.54	222.12	220.56	221.12	230.09	222.77	226.16
5	223.06	222.59	222.83	221.72	221.54	221.65	221.35	221.15	221.27	222.77	219.94	221.38
6	222.90	222.57	222.79	221.81	221.57	221.69	221.37	221.12	221.26	222.53	221.94	222.29
7	224.08	222.46	223.39	221.81	221.54	221.72	221.40	221.13	221.26	222.54	222.05	222.43
8	224.41	222.79	223.64	221.88	221.59	221.74	221.28	221.10	221.21	222.54	220.57	221.76
9	223.40	222.69	222.93	221.83	221.58	221.73	221.72	221.12	221.35	221.74	220.53	220.85
10	223.10	222.61	222.83	221.86	221.43	221.72	221.95	221.55	221.79	221.61	220.53	220.66
11	223.80	220.73	222.28	222.09	221.50	221.69	222.11	221.52	221.80	221.81	221.55	221.67
12	224.99	220.68	222.33	---	---	---	222.01	221.62	221.79	221.70	221.50	221.62
13	222.66	222.44	222.56	---	---	---	221.97	221.64	221.80	221.69	220.62	221.57
14	222.65	222.42	222.55	---	---	---	222.02	221.67	221.81	220.79	220.38	220.65
15	224.81	222.44	222.85	221.80	220.72	221.25	221.85	221.66	221.75	220.69	220.52	220.62
16	222.74	222.20	222.50	222.43	221.12	221.48	231.01	221.69	225.05	222.13	220.56	221.01
17	222.54	222.27	222.43	221.30	220.88	221.24	229.49	222.65	225.37	222.31	221.33	222.06
18	222.44	220.65	221.64	221.33	221.17	221.24	226.16	220.86	222.34	223.06	220.53	221.14
19	222.97	220.61	221.74	221.30	221.19	221.24	225.26	222.68	223.65	221.30	220.58	221.09
20	222.44	222.23	222.33	225.65	220.88	222.70	222.91	220.55	222.07	222.85	221.15	221.57
21	222.52	222.23	222.37	222.53	221.22	221.70	222.19	220.87	221.60	222.93	220.61	221.10
22	222.61	221.44	222.45	221.85	221.27	221.54	221.82	221.58	221.71	223.13	220.61	221.56
23	222.58	221.19	222.41	221.91	221.31	221.74	221.81	221.57	221.71	222.28	220.51	221.45
24	222.46	220.62	222.16	221.46	221.24	221.33	222.19	220.67	221.61	223.06	221.24	222.63
25	222.50	221.50	222.09	221.40	221.18	221.28	222.22	220.62	221.56	222.79	219.51	221.11
26	222.76	221.82	222.42	222.10	221.21	221.73	222.47	220.55	221.07	222.84	220.53	221.35
27	222.55	222.12	222.43	222.24	221.92	222.08	222.51	220.54	221.28	222.81	220.52	221.52
28	222.54	220.45	221.77	222.64	221.77	222.35	223.01	220.56	221.49	220.68	220.54	220.61
29	222.55	219.57	221.92	222.70	222.29	222.51	222.88	220.29	221.02	223.22	220.56	221.57
30	222.57	220.67	221.58	222.56	221.67	221.98	222.87	220.57	221.81	221.68	220.56	221.06
31	---	---	---	222.11	221.54	221.74	222.83	220.75	221.17	---	---	---
MONTH	224.99	219.57	222.46	---	---	---	231.01	220.29	221.88	230.09	219.51	221.55

Santee River Basin

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, July 24, 1977; minimum, 5.0 units, July 13, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, July 25, 1976, July 11, 16, 1977, and several days in July 1986; minimum, <0.5°C, Jan. 19-21, 1977, Jan. 11, 1988, Jan. 20, 1994.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, several days in Jan. 1988; minimum, 2.7 mg/L, July 26, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 146 microsiemens, Oct. 20; minimum, 51 microsiemens, Feb. 4, 19.

pH: Maximum, 7.5 units, several days Oct, July 3; minimum 6.4 units, Sept. 5.

WATER TEMPERATURE: Maximum, 31.5°C, June 29; minimum, 4.0°C, Jan. 2.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 3; minimum, 3.5 mg/L, Aug. 11, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	115	112	113	98	87	90	108	105	107	82	75	78
2	115	109	111	106	97	101	109	107	108	100	80	86
3	113	109	112	111	103	107	109	105	108	96	82	88
4	118	113	115	111	108	110	108	104	107	97	82	89
5	118	114	116	110	105	107	106	103	105	93	84	87
6	116	112	115	107	105	106	107	104	106	101	84	93
7	116	111	113	108	105	106	107	104	106	102	91	100
8	119	111	114	108	106	107	109	106	107	101	85	92
9	119	112	114	109	106	107	108	106	107	91	66	84
10	121	113	115	113	107	108	108	106	107	66	53	56
11	120	114	116	112	107	109	108	106	107	59	57	58
12	120	114	117	116	108	111	107	106	106	89	58	70
13	138	118	125	117	108	111	108	106	107	70	67	68
14	134	120	125	110	105	108	108	105	107	79	69	73
15	123	119	121	112	102	107	111	105	107	89	74	81
16	123	120	122	106	103	104	111	107	108	90	79	83
17	122	118	120	114	104	109	114	108	110	81	59	67
18	127	119	123	111	103	107	111	108	109	61	57	58
19	137	123	129	110	103	107	110	108	109	74	59	63
20	146	117	132	111	104	108	110	108	109	83	66	72
21	120	114	117	114	107	111	111	108	110	82	68	72
22	123	118	121	112	108	109	115	110	112	73	68	70
23	124	115	118	115	108	113	118	109	112	73	70	71
24	122	115	118	109	96	106	119	100	112	70	67	69
25	116	114	115	107	96	103	100	70	79	71	68	70
26	138	113	122	106	102	105	89	62	69	82	69	73
27	132	114	121	107	101	105	83	62	65	71	65	69
28	126	87	112	106	101	104	74	65	69	71	61	63
29	106	85	94	106	103	105	100	70	80	64	61	63
30	109	90	100	108	104	106	103	77	92	66	63	64
31	94	85	89	---	---	---	98	76	84	70	64	67
MONTH	146	85	116	117	87	107	119	62	101	102	53	74

SANTÉE RIVER BASIN

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02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	74	68	70	77	74	76	90	88	89	82	70	75
2	92	69	75	82	73	74	91	88	90	71	67	69
3	92	70	79	87	73	80	90	87	89	77	65	69
4	70	51	57	89	77	82	92	85	89	66	62	64
5	57	52	55	80	76	78	85	83	85	74	63	66
6	62	57	60	82	77	80	90	84	86	75	68	73
7	67	61	63	84	80	82	89	87	88	76	69	73
8	72	66	69	82	72	81	95	89	92	77	73	75
9	73	70	71	72	57	61	96	84	93	77	74	76
10	81	71	74	66	57	62	84	71	77	77	75	76
11	76	72	74	67	64	65	71	66	69	77	75	76
12	77	73	75	72	63	65	67	62	65	85	76	80
13	82	75	78	79	66	71	80	62	66	83	73	76
14	80	78	79	69	67	68	83	68	78	76	73	75
15	81	79	80	73	69	71	82	72	78	78	74	75
16	81	79	80	80	73	76	83	75	81	79	74	76
17	81	74	78	88	76	81	---	---	---	79	75	77
18	81	54	66	89	78	84	---	---	---	83	77	79
19	54	51	52	88	76	82	---	---	---	84	78	81
20	69	53	59	81	74	75	---	---	---	85	79	81
21	65	60	63	87	77	82	66	61	65	85	79	81
22	69	64	67	87	78	83	71	66	68	87	80	82
23	70	68	69	86	77	81	78	71	72	87	82	83
24	85	67	72	84	77	80	79	74	76	90	81	84
25	68	66	67	82	76	78	79	75	76	89	83	85
26	70	67	68	80	77	79	79	76	78	92	84	86
27	78	70	73	82	80	81	85	78	81	95	85	87
28	77	73	75	84	81	83	86	74	80	90	84	87
29	---	---	---	86	84	85	75	73	74	90	86	87
30	---	---	---	88	84	86	83	73	75	89	85	86
31	---	---	---	89	86	88	---	---	---	87	84	85
MONTH	92	51	70	89	57	77	---	---	---	95	62	78
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	88	82	84	103	97	99	100	98	99	114	100	104
2	84	81	82	102	97	99	103	97	99	122	101	106
3	90	81	83	104	98	99	107	99	100	105	94	101
4	86	82	83	100	97	98	102	97	99	112	70	91
5	89	82	85	100	98	99	107	98	101	94	57	74
6	91	83	85	99	92	95	110	99	102	95	78	89
7	95	83	90	96	92	94	111	99	103	100	89	95
8	92	84	89	98	91	95	113	98	103	100	90	95
9	89	83	85	97	92	95	115	99	104	96	94	95
10	87	82	84	97	92	95	121	100	105	105	96	101
11	88	82	84	97	92	94	117	100	105	110	101	106
12	91	84	85	102	93	96	118	100	104	108	101	104
13	91	85	86	100	94	96	115	100	103	110	99	102
14	94	85	88	107	95	98	110	100	102	105	98	100
15	94	86	88	107	96	99	111	98	101	103	99	100
16	94	87	89	106	96	98	111	98	101	103	100	101
17	98	87	90	111	97	100	99	63	91	113	99	103
18	96	88	91	106	98	101	95	71	84	114	100	103
19	96	87	90	106	99	102	95	74	90	106	102	104
20	102	89	93	112	97	101	95	84	92	105	102	103
21	98	92	94	114	97	100	94	89	92	114	102	105
22	101	92	95	111	99	101	95	91	93	112	104	105
23	104	91	95	110	99	102	99	93	95	113	103	106
24	103	93	97	105	99	102	100	94	96	114	105	108
25	102	94	96	106	100	102	98	94	96	117	106	108
26	102	93	96	109	101	103	103	95	98	111	105	106
27	100	93	96	118	101	104	110	97	99	113	104	107
28	100	94	96	125	98	105	109	98	99	112	104	107
29	101	94	97	119	100	103	103	98	99	111	105	107
30	103	97	99	109	98	102	111	98	101	115	104	107
31	---	---	---	105	98	100	110	98	101	---	---	---
MONTH	104	81	90	125	91	99	121	63	99	122	57	101

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	7.2	7.2	7.0	7.2	7.2	7.1	7.0	7.1	6.8	7.1	7.0
2	7.4	7.3	7.2	7.1	7.2	7.2	7.1	7.0	7.1	6.8	7.1	7.0
3	7.5	7.3	7.3	7.1	7.2	7.1	7.1	7.0	7.2	6.9	7.2	7.0
4	7.5	7.3	7.3	7.1	7.2	7.1	7.1	7.0	7.0	6.7	7.2	7.1
5	7.4	7.3	7.2	7.1	7.3	7.2	7.1	7.1	6.7	6.5	7.1	7.1
6	7.4	7.3	7.2	7.2	7.3	7.2	7.1	7.1	6.6	6.5	7.1	7.1
7	7.5	7.3	7.2	7.2	7.3	7.2	7.1	7.1	6.7	6.6	7.1	7.1
8	7.5	7.3	7.2	7.1	7.3	7.2	7.1	7.0	6.9	6.7	7.1	6.9
9	7.5	7.3	7.2	7.2	7.3	7.2	7.1	6.8	6.9	6.7	7.0	6.6
10	7.4	7.2	7.2	7.1	7.4	7.2	6.8	6.7	7.0	6.8	6.6	6.6
11	7.4	7.2	7.2	7.1	7.4	7.1	6.8	6.7	7.0	6.9	6.7	6.6
12	7.4	7.3	7.2	7.2	7.3	7.0	7.0	6.8	7.0	6.9	6.9	6.7
13	7.4	7.3	7.3	7.2	7.3	7.0	6.9	6.9	7.1	6.9	7.1	6.8
14	7.4	7.3	7.3	7.2	7.2	7.0	7.0	6.9	7.0	7.0	7.0	6.9
15	7.3	7.3	7.3	7.1	7.3	7.1	7.1	7.0	7.1	7.0	7.0	6.9
16	7.4	7.3	7.2	7.1	7.2	7.2	7.1	7.0	7.1	7.0	7.1	7.0
17	7.4	7.4	7.2	7.1	7.2	7.1	7.0	6.7	7.1	7.0	7.2	7.0
18	7.5	7.4	7.2	7.0	7.2	7.1	6.8	6.7	7.1	6.9	7.2	7.0
19	7.5	7.4	7.2	7.0	7.2	7.2	7.0	6.7	6.9	6.8	7.2	7.0
20	7.5	7.3	7.2	7.1	7.2	7.2	7.0	6.8	7.0	6.8	7.0	6.9
21	7.4	7.2	7.3	7.1	7.3	7.2	7.1	6.8	7.0	6.9	7.1	7.0
22	7.3	7.1	7.2	7.1	7.3	7.2	7.0	6.9	7.0	6.9	7.1	7.0
23	7.3	7.1	7.3	7.2	7.3	7.2	7.0	6.9	7.0	7.0	7.2	7.0
24	7.2	7.1	7.2	7.0	7.3	7.1	6.9	6.9	7.1	7.0	7.1	7.0
25	7.3	7.2	7.1	7.0	7.1	6.8	6.9	6.9	7.1	7.0	7.2	7.0
26	7.3	7.2	7.2	7.1	6.9	6.7	7.1	6.9	7.0	7.0	7.1	7.0
27	7.3	7.2	7.2	7.1	6.9	6.6	7.0	6.9	7.1	7.0	7.1	7.0
28	7.2	6.9	7.2	7.1	6.9	6.8	7.0	6.6	7.0	7.0	7.1	7.0
29	7.1	6.9	7.1	7.1	7.1	6.8	6.7	6.6	---	---	7.1	6.8
30	7.2	6.9	7.2	7.1	7.2	7.0	6.8	6.6	---	---	7.3	6.8
31	7.0	6.9	---	---	7.1	7.0	7.0	6.7	---	---	7.3	7.1
MONTH	7.5	6.9	7.3	7.0	7.4	6.6	7.1	6.6	7.2	6.5	7.3	6.6
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.3	7.1	6.9	6.8	7.1	6.8	7.1	6.8	7.3	7.0	7.2	7.0
2	7.2	7.1	6.8	6.7	7.1	7.0	7.1	7.0	7.3	7.2	7.2	7.1
3	7.3	7.1	6.8	6.7	7.2	7.0	7.5	6.9	7.3	7.1	7.4	7.1
4	7.3	7.0	6.7	6.7	7.1	7.0	7.2	7.0	7.3	7.1	7.4	6.8
5	7.0	7.0	6.9	6.7	7.1	6.9	7.3	6.9	7.3	7.1	7.0	6.4
6	7.2	7.0	6.9	6.7	7.1	7.0	7.3	7.0	7.4	7.1	7.0	6.7
7	7.1	7.0	6.9	6.8	7.3	7.1	7.2	7.0	7.3	7.1	7.0	6.8
8	7.2	7.1	7.0	6.8	7.1	7.1	7.1	6.9	7.3	7.1	7.0	6.8
9	7.2	6.8	6.9	6.8	7.1	7.0	7.1	6.8	7.2	7.0	7.0	6.9
10	6.8	6.7	6.9	6.8	7.1	6.9	7.1	6.9	7.2	7.0	7.1	6.9
11	6.7	6.7	7.0	6.9	7.2	7.0	7.2	6.9	7.3	7.0	7.2	7.0
12	6.8	6.7	7.0	6.8	7.2	7.0	7.1	6.9	7.2	7.0	7.2	7.0
13	7.1	6.8	7.0	6.9	7.2	7.0	7.1	6.9	7.1	7.0	7.2	7.0
14	7.1	7.0	7.0	6.8	7.2	6.9	7.1	6.9	7.2	7.0	7.1	6.9
15	7.2	7.0	7.0	6.8	7.2	7.0	7.1	6.9	7.3	7.1	7.1	7.0
16	7.2	7.1	7.0	6.8	7.1	6.9	7.1	6.9	7.3	7.1	7.2	7.0
17	---	---	6.9	6.8	7.3	6.9	7.0	6.9	7.2	6.9	7.1	7.0
18	---	---	7.0	6.8	7.2	7.0	7.2	6.9	7.2	6.8	7.1	6.9
19	---	---	6.9	6.8	7.2	7.1	7.1	6.9	7.3	6.9	7.1	7.0
20	---	---	7.0	6.8	7.2	7.0	7.0	6.9	7.2	7.0	7.1	7.0
21	6.7	6.6	7.0	6.8	7.2	7.0	6.9	6.8	7.2	7.0	7.1	6.9
22	6.7	6.6	6.9	6.8	7.3	7.0	7.0	6.8	7.2	7.0	7.1	6.9
23	6.8	6.7	7.0	6.8	7.4	7.0	7.0	6.8	7.2	7.0	7.1	6.9
24	6.8	6.7	7.0	6.8	7.2	7.0	7.0	6.8	7.2	7.0	7.1	7.0
25	6.8	6.7	7.0	6.9	7.2	7.0	7.0	6.8	7.2	6.9	7.1	7.0
26	6.8	6.7	7.0	6.9	7.2	7.0	7.1	6.9	7.3	7.0	7.1	7.0
27	6.9	6.7	7.0	6.9	7.2	6.9	7.2	7.0	7.2	7.1	7.2	6.9
28	6.9	6.8	7.2	6.9	7.3	6.9	7.3	6.9	7.2	7.1	7.1	6.9
29	6.8	6.8	7.1	6.9	7.2	6.9	7.4	7.1	7.2	7.0	7.1	7.0
30	6.9	6.8	7.0	6.8	7.2	6.9	7.3	7.0	7.2	7.0	7.1	6.9
31	---	---	7.0	6.9	---	---	7.2	7.0	7.2	7.0	---	---
MONTH	---	---	7.2	6.7	7.4	6.8	7.5	6.8	7.4	6.8	7.4	6.4

SANTÉE RIVER BASIN

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02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.0	22.0	23.5	17.0	14.0	15.0	12.5	11.0	11.5	6.5	4.5	5.0
2	24.0	22.5	23.5	17.5	15.5	16.5	13.5	10.5	11.5	10.0	4.0	6.0
3	23.5	21.5	22.5	18.0	14.5	16.5	12.5	11.0	12.0	8.0	4.5	6.0
4	23.0	21.0	22.0	18.0	16.0	17.0	13.5	11.5	12.5	8.5	4.5	6.5
5	23.0	21.5	22.5	17.0	14.5	16.0	12.5	11.0	11.5	9.0	6.0	6.5
6	24.0	22.5	23.0	17.0	15.0	16.0	12.5	11.5	12.0	10.5	8.5	9.5
7	24.0	23.0	23.5	16.5	14.0	15.5	12.0	8.0	10.0	11.0	10.0	10.5
8	24.0	23.5	24.0	16.0	14.5	15.5	12.0	8.0	10.0	13.0	11.0	11.5
9	24.0	23.5	24.0	15.5	14.5	15.0	11.5	7.5	10.5	13.5	12.5	13.0
10	24.5	24.0	24.0	16.0	13.5	15.0	12.0	6.0	9.0	12.5	11.0	11.5
11	24.5	24.0	24.0	16.0	14.5	15.5	10.5	6.5	8.5	11.0	10.5	10.5
12	24.5	23.5	24.0	16.0	14.0	15.0	11.5	10.0	10.5	11.0	9.5	10.0
13	23.5	23.0	23.5	15.5	12.0	14.5	11.0	8.0	9.5	10.0	9.5	9.5
14	24.0	23.5	23.5	15.5	13.5	14.5	11.5	7.5	9.5	10.5	9.5	10.0
15	24.0	22.0	23.0	13.5	10.0	11.5	10.5	7.5	9.0	10.5	8.5	9.5
16	22.0	21.0	21.0	10.5	10.0	10.0	10.5	8.0	10.0	10.0	8.5	9.0
17	21.0	20.0	20.0	13.5	9.0	11.0	10.5	8.0	10.0	8.5	7.5	8.0
18	20.0	19.0	19.0	13.0	10.5	11.5	10.5	9.0	10.0	8.5	7.5	8.0
19	19.0	18.5	19.0	13.5	9.0	12.0	10.5	9.5	10.0	9.5	7.5	8.0
20	21.5	17.0	19.5	13.5	12.0	12.5	10.5	9.5	10.0	10.0	7.5	8.0
21	21.5	20.0	20.5	13.0	8.5	11.0	10.5	9.0	9.5	10.5	7.0	8.0
22	20.0	19.0	19.0	14.5	10.5	12.5	9.5	7.0	8.0	8.5	7.0	7.5
23	20.0	18.0	19.0	11.5	9.5	10.5	10.5	8.0	9.5	8.0	7.5	8.0
24	19.0	18.0	18.5	14.0	9.5	11.5	8.0	7.5	7.5	8.0	7.5	8.0
25	20.0	19.0	19.5	13.0	11.0	12.0	10.0	7.5	9.0	8.0	7.5	8.0
26	20.0	16.5	18.5	14.0	11.5	12.5	10.5	9.0	9.5	10.5	7.0	8.5
27	20.0	16.5	18.0	13.5	9.5	12.5	10.0	8.5	9.0	9.0	7.0	7.5
28	18.5	15.5	17.0	9.5	8.5	9.0	8.5	8.0	8.0	8.5	6.5	7.0
29	19.0	15.5	16.5	9.5	9.0	9.0	10.5	6.5	8.0	7.5	6.5	7.0
30	19.0	15.5	17.0	12.5	9.0	10.0	10.5	6.0	8.5	8.0	7.0	7.5
31	16.0	14.5	15.0	---	---	---	9.0	5.0	7.0	10.0	7.0	8.0
MONTH	24.5	14.5	20.9	18.0	8.5	13.2	13.5	5.0	9.7	13.5	4.0	8.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	7.0	8.0	13.0	12.5	12.5	18.0	14.5	16.5	18.0	17.0	17.5
2	10.0	6.5	7.5	13.0	12.0	12.5	19.5	15.5	17.5	18.0	16.5	17.5
3	10.0	7.0	8.5	12.0	11.5	11.5	18.0	15.0	17.0	18.0	17.0	17.5
4	7.5	7.5	7.5	12.0	10.5	11.0	16.5	15.5	16.5	18.0	17.0	17.5
5	7.5	7.5	7.5	11.0	10.0	10.5	16.0	15.0	15.5	19.0	17.5	18.0
6	8.0	7.5	7.5	10.0	10.0	10.0	15.5	14.5	15.0	20.0	18.0	19.0
7	8.5	8.0	8.0	10.0	9.5	10.0	16.5	15.0	15.5	19.5	18.0	18.5
8	9.0	8.0	8.5	11.0	10.0	10.5	16.5	14.5	16.0	20.0	17.5	18.5
9	9.0	8.5	9.0	11.5	11.0	11.5	18.0	14.5	16.0	21.5	17.5	19.5
10	10.0	8.5	9.0	11.5	11.0	11.0	17.0	16.0	16.5	21.0	19.5	20.5
11	9.5	8.5	9.0	11.0	9.5	10.5	16.5	15.5	16.0	21.0	20.0	20.5
12	9.5	8.5	9.0	9.5	8.5	9.0	16.0	15.0	15.5	21.5	20.0	20.5
13	10.0	9.0	9.5	11.0	8.0	9.0	16.5	15.0	16.0	22.0	19.5	20.5
14	9.5	9.0	9.0	9.5	8.0	8.5	15.5	15.0	15.0	23.0	19.5	20.5
15	9.5	9.0	9.0	10.5	9.0	9.5	17.0	15.0	16.0	24.0	20.0	21.0
16	9.0	9.0	9.0	11.0	10.0	10.5	16.5	15.0	16.0	24.5	20.0	21.5
17	10.0	9.0	9.5	12.0	10.0	11.0	---	---	---	23.5	20.5	22.0
18	10.0	9.0	9.5	12.0	9.5	11.0	---	---	---	25.5	22.0	23.5
19	10.5	9.0	9.5	11.5	9.5	10.5	---	---	---	26.0	22.0	23.5
20	11.0	10.0	10.5	11.0	10.0	10.5	---	---	---	25.5	21.5	23.5
21	11.0	10.0	10.5	11.5	10.5	11.0	17.5	16.5	17.0	26.0	21.5	23.5
22	11.0	10.0	10.5	12.0	10.5	11.5	16.5	16.0	16.5	25.5	22.5	24.0
23	10.0	9.5	10.0	12.5	11.5	12.0	16.0	15.5	15.5	25.5	23.0	24.0
24	11.0	9.0	10.0	12.5	11.5	12.0	16.5	14.5	15.5	25.5	23.0	23.5
25	10.5	9.5	10.0	12.5	12.0	12.0	16.5	15.0	16.0	26.0	23.5	25.0
26	11.0	10.0	10.5	14.0	12.0	13.0	17.5	15.5	16.5	27.5	23.5	25.0
27	11.5	11.0	11.0	15.0	13.0	14.0	18.0	17.0	17.5	27.0	24.0	25.0
28	12.5	11.5	12.0	16.0	14.0	14.5	18.0	16.5	17.5	27.5	23.5	25.0
29	---	---	---	17.5	15.5	16.0	18.0	17.0	17.5	27.0	24.5	25.5
30	---	---	---	18.0	13.0	16.0	18.0	17.5	17.5	26.0	24.0	25.0
31	---	---	---	18.0	13.0	15.5	---	---	---	26.5	24.0	24.5
MONTH	12.5	6.5	9.3	18.0	8.0	11.6	---	---	---	27.5	16.5	21.6

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	23.5	25.5	30.0	28.0	29.0	29.5	28.5	29.0	30.5	29.5	30.0
2	27.0	24.5	25.5	30.0	28.5	29.0	29.5	28.5	29.0	30.0	29.0	29.5
3	27.5	25.0	26.0	31.0	28.5	29.5	29.0	27.5	28.5	29.0	27.0	28.0
4	27.0	25.0	26.0	30.5	29.0	29.5	29.0	28.0	28.5	28.0	23.0	25.5
5	27.5	25.0	26.0	30.5	29.0	30.0	29.0	28.0	28.5	27.5	23.0	25.0
6	26.0	25.0	25.5	30.5	29.0	29.5	29.5	28.5	29.0	28.0	26.0	27.0
7	26.0	24.5	25.0	30.0	29.0	29.5	29.5	29.0	29.0	28.5	26.5	27.5
8	25.5	24.0	24.5	30.0	29.0	29.5	29.5	29.0	29.0	28.0	27.5	27.5
9	25.0	24.0	24.5	30.0	28.5	29.5	30.0	28.5	29.0	27.5	26.0	26.5
10	25.5	23.5	24.5	30.5	29.0	30.0	29.0	28.5	29.0	27.0	25.5	26.0
11	26.0	24.5	25.5	30.0	29.0	29.5	29.5	28.5	29.0	26.5	25.0	25.5
12	27.0	25.5	26.0	30.0	29.0	29.5	30.0	29.0	29.5	27.0	25.5	26.5
13	27.0	25.0	26.0	29.0	28.0	28.5	29.5	29.0	29.5	28.0	26.0	27.0
14	27.0	25.0	26.0	29.5	28.0	28.5	29.5	29.0	29.0	27.5	26.5	27.5
15	27.0	25.5	26.5	29.0	28.5	29.0	29.5	28.5	29.0	28.0	27.0	27.5
16	27.5	25.0	26.5	29.5	28.5	29.0	29.5	28.5	29.0	28.5	27.5	28.0
17	28.0	25.5	26.5	29.5	29.0	29.0	29.0	26.0	28.0	28.5	27.5	28.0
18	28.0	26.0	27.0	30.0	29.0	29.5	29.0	27.0	28.0	28.5	27.5	28.0
19	28.0	27.0	27.5	31.0	29.0	30.0	29.5	27.5	28.5	28.0	27.5	28.0
20	29.0	26.0	27.0	30.5	29.0	29.5	29.5	28.0	29.0	28.5	27.5	28.0
21	28.5	26.5	27.5	30.5	29.0	29.5	29.0	28.0	28.5	28.5	27.5	28.0
22	29.0	26.5	27.5	31.0	29.5	30.0	29.0	28.0	28.5	28.5	27.5	28.0
23	29.0	27.0	28.0	30.5	29.0	30.0	29.5	28.0	28.5	28.5	28.0	28.0
24	30.0	27.5	28.5	30.0	29.5	29.5	29.5	28.5	29.0	28.0	27.0	27.5
25	29.5	28.0	28.5	30.5	29.5	30.0	29.5	28.5	29.0	27.5	26.0	27.0
26	30.0	28.0	29.0	30.5	29.5	30.0	29.5	28.5	29.0	27.5	26.5	27.0
27	31.0	27.5	29.0	30.0	29.0	29.5	29.5	28.5	29.0	27.5	26.5	27.0
28	31.0	28.0	29.5	30.0	29.0	29.5	30.0	29.0	29.5	27.5	26.5	27.0
29	31.5	28.5	29.5	31.0	29.0	30.0	30.5	29.0	29.5	27.0	26.5	27.0
30	31.0	28.5	29.5	30.5	29.5	30.0	30.5	29.0	29.5	27.0	26.5	27.0
31	---	---	---	30.0	29.5	29.5	30.5	29.0	30.0	---	---	---
MONTH	31.5	23.5	26.8	31.0	28.0	29.5	30.5	26.0	28.9	30.5	23.0	27.3

SANTÉE RIVER BASIN

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02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	5.6	6.3	6.6	5.0	5.8	5.5	3.8	4.7	8.0	6.2	7.0
2	6.7	6.0	6.3	6.5	5.7	6.1	5.5	4.7	5.2	6.5	5.1	5.9
3	6.8	5.8	6.3	6.9	5.4	6.0	5.8	4.3	5.0	6.9	5.3	6.1
4	6.6	5.8	6.1	6.6	5.2	6.0	5.8	3.7	4.6	7.7	6.0	7.0
5	6.7	5.7	6.3	6.5	5.4	6.0	5.8	4.7	5.3	6.7	5.6	6.0
6	6.5	5.7	6.1	7.2	5.8	6.3	6.0	5.1	5.6	6.5	5.2	5.9
7	6.5	5.6	6.1	6.8	5.2	6.2	6.1	5.2	5.6	6.1	5.3	5.8
8	7.1	6.0	6.6	6.2	4.7	5.3	5.7	4.5	5.1	6.5	5.0	5.8
9	7.2	5.7	6.5	6.1	4.2	5.1	4.9	4.0	4.5	6.7	5.3	6.0
10	7.0	5.8	6.3	6.5	4.6	5.2	5.0	3.6	4.4	7.0	5.7	6.2
11	6.8	5.4	6.3	6.4	4.3	5.3	5.4	3.5	4.5	6.9	5.9	6.4
12	6.7	5.7	6.3	6.3	4.5	5.4	5.8	3.8	4.6	6.6	5.7	6.1
13	6.8	6.2	6.5	5.9	4.6	5.2	6.3	5.4	5.9	6.7	5.2	5.8
14	6.9	6.0	6.4	6.7	4.9	5.7	6.4	5.4	5.8	6.2	4.6	5.2
15	6.8	6.0	6.4	6.2	5.2	5.8	7.0	5.1	6.0	5.8	4.6	5.4
16	6.9	5.8	6.3	5.9	4.6	5.4	6.4	4.6	5.4	6.4	5.1	5.6
17	7.2	5.7	6.6	5.5	4.3	4.7	5.9	4.3	5.2	6.4	4.7	5.6
18	7.0	5.5	6.2	5.8	4.5	5.0	5.4	4.4	5.0	6.4	4.2	5.3
19	6.9	5.6	6.3	5.4	4.6	5.0	6.3	4.7	5.5	6.0	4.0	5.0
20	6.9	6.1	6.4	5.7	5.0	5.4	6.6	5.1	5.9	6.8	4.4	5.3
21	6.8	6.1	6.4	6.2	4.9	5.5	6.9	5.9	6.4	5.9	4.2	5.1
22	7.4	5.9	6.6	6.3	4.8	5.4	6.8	5.7	6.1	6.3	3.6	4.8
23	7.0	6.1	6.6	6.3	4.7	5.3	6.8	5.6	6.1	6.4	4.5	5.2
24	6.7	5.4	6.2	5.7	4.7	5.1	6.7	5.2	6.1	5.9	4.9	5.5
25	6.4	5.4	5.9	6.1	4.5	5.2	7.0	5.8	6.3	6.3	4.8	5.3
26	6.5	5.8	6.1	5.8	4.9	5.4	7.5	5.8	6.6	6.2	4.8	5.7
27	6.5	5.4	6.0	5.8	4.7	5.2	7.6	6.5	7.0	6.2	5.2	5.6
28	6.3	4.6	5.6	6.4	4.3	5.4	7.3	6.6	6.9	5.3	4.1	4.7
29	6.7	5.6	6.1	6.2	4.6	5.6	7.4	6.2	6.8	5.4	3.7	4.7
30	7.1	4.9	6.0	5.7	4.4	5.0	8.5	6.8	7.3	6.1	3.5	4.6
31	---	---	---	5.1	4.0	4.7	8.5	6.9	7.5	---	---	---
MONTH	7.4	4.6	6.3	7.2	4.0	5.4	8.5	3.5	5.7	8.0	3.5	5.6

SANTEE RIVER BASIN

195

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 mi².

PERIOD OF RECORD.--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.

REMARKS.--Records good except for estimated daily discharges, which are poor. Regulation at low and medium flow by powerplants above station.

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	2470	4750	3460	7090	10100	11200	8460	14900	e3980	2610	2620	1310
2	1980	4160	4810	7880	10400	8350	6220	14400	e4750	2060	3070	1270
3	1770	4850	4200	4790	10600	9530	10800	17200	e5030	3360	2670	7480
4	1720	2930	1880	4370	35500	6500	11500	e9180	e5200	2270	1900	21900
5	1730	2850	2940	4360	59900	7570	14500	e9000	5090	2420	1930	2650
6	1810	3390	4560	5080	52600	6940	11600	e4960	5030	2490	1910	3700
7	1840	3350	4490	13200	31100	7650	7970	e6880	7230	2530	1920	4020
8	1770	2840	3750	4590	16800	13700	12300	e7970	8720	2580	1840	2860
9	1740	1440	4210	18200	9470	43300	19900	e5450	5530	2560	2020	1600
10	1800	2790	4840	24400	12900	58800	30900	e10200	5120	2520	2640	1270
11	1730	2650	4030	12900	8580	46300	25700	e11600	4290	2480	2670	2440
12	2260	4290	4320	11200	9280	24800	15400	e5060	4500	2390	2650	2380
13	2440	5240	4630	6800	10400	15400	7970	e6050	4360	2530	2660	2350
14	2010	6200	3650	7710	7990	10200	12200	e7270	4360	2530	2670	1320
15	1220	4950	3190	5640	6480	10500	6360	e8060	5390	1920	2570	1260
16	1290	4900	2930	10800	6020	11500	8990	e8540	4280	2280	15700	1680
17	1240	5220	3100	26400	11600	9320	16400	e4340	4120	1890	16500	3290
18	1220	3290	2970	29900	e24400	8680	24500	e4640	2680	1880	5310	2060
19	2860	2650	2770	e23500	e27800	7680	31800	e5290	2910	1890	8230	1730
20	3060	3050	2460	e21600	18300	16200	23600	e5170	3860	5980	3750	2540
21	1990	3020	2470	12900	12500	19100	23500	e4990	3940	2650	2520	1990
22	1700	2600	3930	8060	10900	5310	17800	e5310	4180	2230	2500	2940
23	1340	4250	5270	13700	10500	11500	15400	e5900	4050	2600	2510	2300
24	1180	10400	11200	18200	13700	7010	16000	e4350	3630	1980	2510	4680
25	1510	6130	24400	16900	11400	9450	14600	e3970	3300	1920	2480	1980
26	5850	7290	26200	14100	10300	8700	9320	e4540	4110	2600	1890	2260
27	12300	4910	15900	13900	10100	6140	10600	e4450	4110	3260	2120	2690
28	10600	4430	13400	35700	10600	7370	7040	e4960	3020	3920	2550	1270
29	10700	2410	11400	42000	---	6330	7420	e5310	3090	4330	1910	2650
30	6420	2410	5000	27200	---	9230	8000	e6670	2600	3170	3110	1770
31	5020	---	5750	17100	---	5280	---	e12800	---	2590	2060	---
TOTAL	96570	123640	198110	470170	470220	429540	436750	229410	132460	82420	111390	93640
MEAN	3115	4121	6391	15170	16790	13860	14560	7400	4415	2659	3593	3121
MAX	12300	10400	26200	42000	59900	58800	31800	17200	8720	5980	16500	21900
MIN	1180	1440	1880	4360	6020	5280	6220	3970	2600	1880	1840	1260
CFSM	.65	.86	1.33	3.17	3.51	2.89	3.04	1.54	.92	.56	.75	.65
IN.	.75	.96	1.54	3.65	3.65	3.34	3.39	1.78	1.03	.64	.87	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1998, BY WATER YEAR (WY)

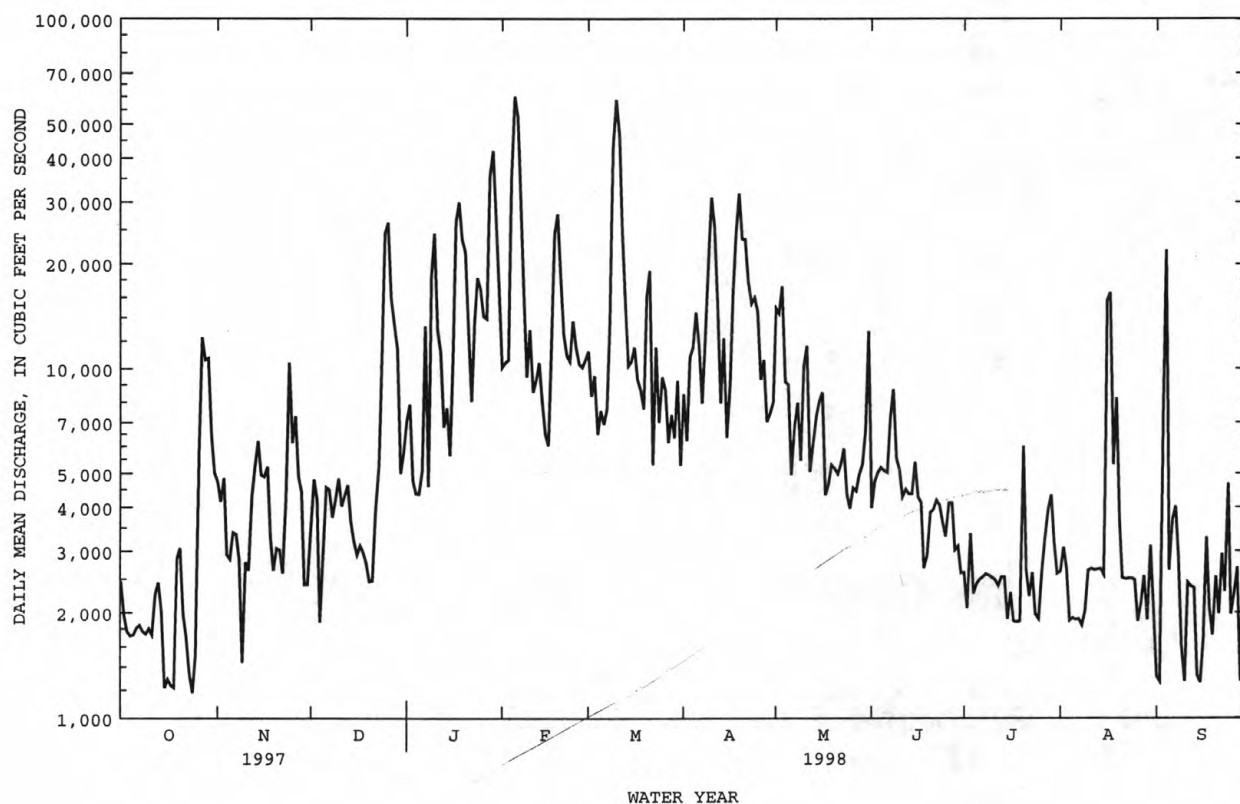
MEAN	4712	4986	6395	9163	10120	10810	7740	5628	4285	3270	4347	2829
MAX	17360	14500	14020	17790	16960	21560	14560	12550	6713	6516	10210	4666
(WY)	1991	1993	1984	1993	1990	1993	1998	1984	1992	1984	1995	1995
MIN	1698	1805	2431	3040	3526	3685	2864	2572	1599	1218	1072	1653
(WY)	1988	1982	1989	1981	1986	1981	1986	1988	1988	1986	1988	1988

SANTEE RIVER BASIN

02161000 BROAD RIVER AT ALSTON, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1981 - 1998	
ANNUAL TOTAL	2171370		2874320		6174	
ANNUAL MEAN	5949		7875		9649	
HIGHEST ANNUAL MEAN					3100	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	36000	Mar 2	59900	Feb 5	106000	Oct 14 1990
LOWEST DAILY MEAN	1060	Aug 24	1180	Oct 24	242	Jun 30 1985
ANNUAL SEVEN-DAY MINIMUM	1430	Sep 7	1670	Oct 12	797	Aug 24 1988
INSTANTANEOUS PEAK FLOW			61900	Feb 5	119000	Oct 14 1990
INSTANTANEOUS PEAK STAGE			20.36	Feb 5	26.94	Oct 14 1990
ANNUAL RUNOFF (CFSM)	1.24		1.64		1.29	
ANNUAL RUNOFF (INCHES)	16.86		22.32		17.51	
10 PERCENT EXCEEDS	11500		16800		12000	
50 PERCENT EXCEEDS	4490		4840		4230	
90 PERCENT EXCEEDS	1770		1910		1650	

e Estimated



SANTEE RIVER BASIN

197

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 mi².

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 ft³/s, 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	e2.7	48	9.6	6.0	7.6	7.4	8.0	7.8	2.8	e2.2	1.6	2.1
2	e2.5	23	5.8	5.9	7.2	6.5	4.7	5.4	4.3	e2.0	1.4	5.9
3	e2.3	6.1	5.4	5.7	102	5.9	115	15	2.7	e1.8	1.5	e102
4	e2.1	4.6	5.2	5.7	201	5.6	48	5.9	21	e5.0	1.4	e201
5	e2.1	4.0	4.7	5.5	37	5.6	9.3	5.1	17	e2.0	1.6	e37
6	e2.2	3.9	4.3	137	16	5.6	7.0	4.5	3.2	e1.8	1.7	e16
7	e2.4	3.7	4.1	24	12	22	6.1	22	2.7	1.7	3.8	e12
8	e3.0	3.6	4.5	31	10	165	15	27	2.7	1.7	6.4	e10
9	e2.8	3.4	17	11	9.2	52	69	5.3	2.9	1.7	39	e9.2
10	e2.6	3.3	6.8	8.8	8.3	13	8.2	11	12	1.7	3.2	e8.1
11	e2.4	3.1	7.7	7.8	8.9	9.8	6.4	5.2	3.0	1.7	2.2	e5.0
12	e2.2	12	14	7.1	7.9	8.4	5.6	4.5	2.6	1.6	21	e4.0
13	e2.1	55	5.9	7.0	7.1	7.8	5.3	4.3	2.5	1.6	3.3	e3.5
14	e5.0	16	5.7	6.8	6.6	7.2	18	4.1	4.3	1.6	121	e3.2
15	e25	6.2	5.5	58	6.3	6.7	5.8	4.0	2.5	2.2	70	e3.2
16	4.3	5.1	4.9	46	19	6.4	5.2	3.8	2.4	21	36	e3.0
17	2.0	4.5	4.7	12	71	6.3	15	3.7	2.3	6.7	6.2	3.0
18	35	4.2	4.4	8.9	10	71	e250	3.6	2.4	1.7	3.7	4.1
19	85	4.0	4.3	46	8.5	88	e125	3.4	12	e5.9	3.1	3.1
20	4.9	3.9	4.4	11	7.4	13	e20	3.4	2.8	e12	2.7	3.0
21	3.4	22	4.3	8.5	6.7	9.1	e8.2	3.3	2.4	e2.0	2.5	56
22	11	9.5	52	49	23	7.6	e18	3.4	2.5	1.9	2.4	3.9
23	2.9	4.7	7.4	75	28	6.8	11	3.2	2.3	1.8	2.3	3.0
24	2.8	4.3	118	16	8.0	7.2	7.1	3.1	2.2	2.0	2.2	3.2
25	2.5	4.1	18	10	6.8	6.1	6.3	3.1	2.2	6.5	2.2	3.5
26	73	3.8	10	8.4	6.3	5.9	5.9	3.2	e15	2.4	2.1	3.5
27	10	3.7	41	182	20	5.7	5.6	7.4	e2.8	6.2	2.2	3.4
28	5.9	3.5	9.8	21	21	5.5	5.2	3.2	e2.5	1.9	2.1	3.4
29	4.9	17	12	12	---	5.4	4.9	7.2	e2.4	1.7	2.1	14
30	4.4	63	7.7	10	---	5.2	21	3.0	e2.3	1.6	2.0	9.8
31	7.5	---	6.6	8.7	---	5.0	---	2.9	---	2.6	2.2	---
TOTAL	320.9	353.2	415.7	851.8	682.8	582.7	839.8	192.0	144.7	108.2	355.1	542.1
MEAN	10.4	11.8	13.4	27.5	24.4	18.8	28.0	6.19	4.82	3.49	11.5	18.1
MAX	85	63	118	182	201	165	250	27	21	21	121	201
MIN	2.0	3.1	4.1	5.5	6.3	5.0	4.7	2.9	2.2	1.6	1.4	2.1
CFSM	1.83	2.08	2.37	4.85	4.30	3.32	4.94	1.09	.85	.62	2.02	3.19
IN.	2.11	2.32	2.73	5.59	4.48	3.82	5.51	1.26	.95	.71	2.33	3.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1998, BY WATER YEAR (WY)

	MEAN	7.83	7.34	8.84	12.9	12.3	14.1	9.75	6.86	9.50	10.4	9.55	7.96
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	

SANTEE RIVER BASIN

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC--Continued

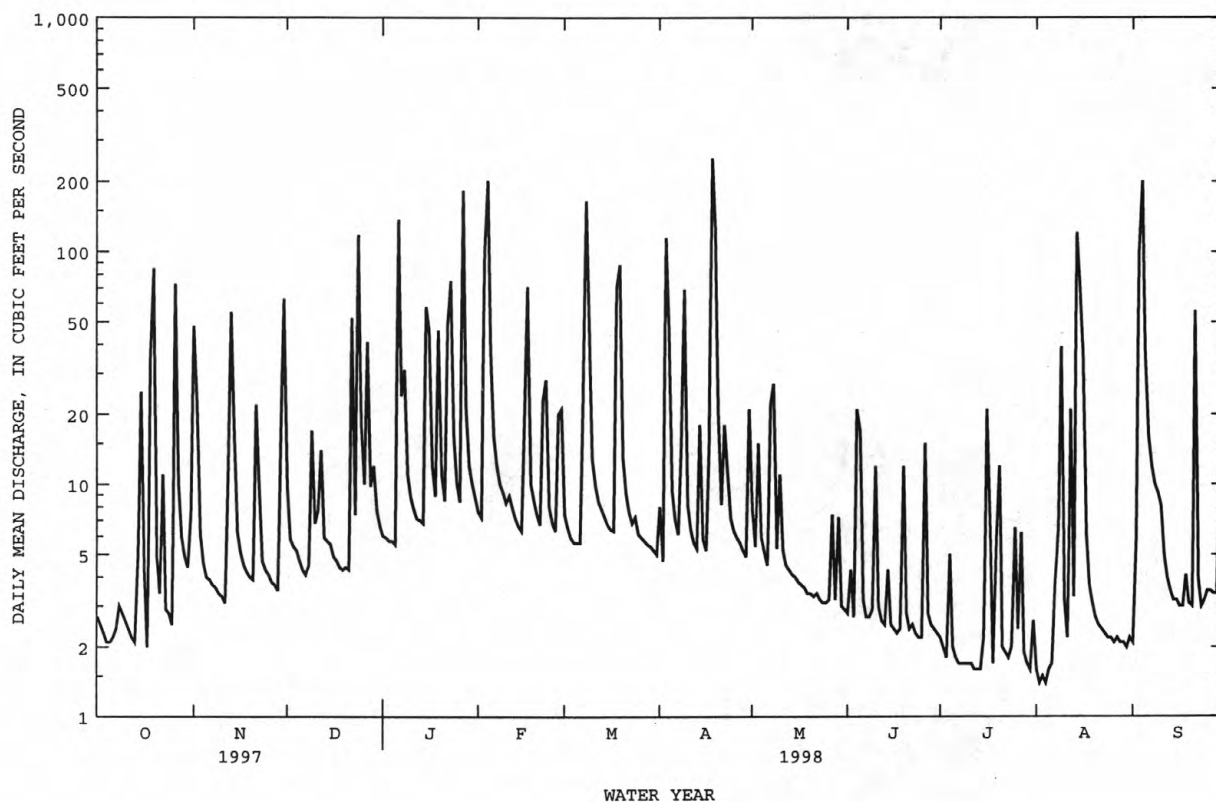
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1977 - 1998
ANNUAL TOTAL	4360.3	5389.0	
ANNUAL MEAN	11.9	14.8	9.93
HIGHEST ANNUAL MEAN			14.8
LOWEST ANNUAL MEAN			6.44
HIGHEST DAILY MEAN	118 Dec 24	250 Apr 18	335 Jun 11 1995
LOWEST DAILY MEAN	1.6 *** Jun 4	1.4 ** Aug 2	.82 Jun 18 1986
ANNUAL SEVEN-DAY MINIMUM	1.8 May 30	1.7 Jul 8	.92 Jun 17 1986
INSTANTANEOUS PEAK FLOW		1280 Apr 18	2120 Jun 11 1995
INSTANTANEOUS PEAK STAGE		8.07 Apr 18	11.69 Jun 11 1995
INSTANTANEOUS LOW FLOW		1.3 ** Aug 2	.46 * Aug 1 1980
ANNUAL RUNOFF (CFSM)	2.11	2.60	1.75
ANNUAL RUNOFF (INCHES)	28.61	35.36	23.79
10 PERCENT EXCEEDS	28	35	19
50 PERCENT EXCEEDS	5.2	5.6	3.8
90 PERCENT EXCEEDS	2.3	2.2	1.7

e Estimated

* Also occurred on Aug. 2, 4, 5, 11 - 14, 1980.

** Also occurred on Aug. 4.

*** Also occurred on June 5.



SANTÉE RIVER BASIN

199

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.

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, 47.16 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 60.69 ft, Feb. 5; minimum gage height, 51.09 ft, Oct. 17.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.95	53.66	53.17	54.52	55.30	55.12	53.97	55.17	53.70	52.40	52.77	51.52
2	52.05	53.77	53.71	54.50	54.67	54.59	53.93	55.26	53.44	52.32	52.96	51.33
3	51.65	53.59	53.71	53.99	54.99	54.81	54.63	55.63	53.57	52.00	52.20	52.63
4	51.95	53.09	52.57	53.69	58.14	54.46	55.41	54.68	53.66	52.40	52.57	56.90
5	51.92	52.39	52.22	53.60	60.47	54.44	55.49	54.76	53.62	52.53	51.96	55.00
6	51.88	52.89	53.56	54.46	59.96	54.35	55.11	54.22	53.64	52.38	52.15	53.56
7	52.03	52.88	53.69	55.33	57.89	54.45	54.40	54.45	53.82	52.03	51.75	53.45
8	51.90	53.19	52.99	54.66	56.25	55.60	54.62	54.55	54.28	52.53	51.96	53.08
9	51.46	51.96	53.16	55.78	54.99	58.85	55.97	54.33	54.06	52.42	51.86	52.32
10	51.26	51.86	53.52	56.82	55.27	59.90	57.53	54.68	53.68	52.05	52.30	51.36
11	51.26	52.98	53.45	55.57	54.57	59.27	57.03	54.48	52.99	51.76	53.56	52.01
12	52.10	52.84	53.14	55.13	54.67	57.04	55.85	53.70	53.17	52.25	53.64	52.95
13	52.09	53.87	53.49	54.23	54.80	55.95	54.39	53.92	53.28	51.58	52.45	52.64
14	52.11	54.49	53.22	54.20	54.44	54.85	54.98	53.83	53.15	52.08	---	51.92
15	51.45	54.24	52.72	---	54.14	54.95	54.34	54.07	53.54	52.09	---	51.60
16	51.38	53.86	52.70	---	54.04	55.01	54.47	54.16	53.22	51.86	---	51.31
17	51.11	53.69	52.72	---	55.19	54.20	55.26	53.50	53.25	52.01	---	52.77
18	51.50	53.20	53.04	---	56.62	54.56	56.86	53.53	52.58	51.91	---	53.12
19	52.76	53.03	52.35	---	57.10	54.99	57.77	53.62	52.15	51.92	---	51.82
20	52.89	52.85	52.38	---	56.18	55.48	56.85	53.53	53.21	52.92	---	52.02
21	51.97	53.55	52.37	---	55.26	55.93	56.70	53.55	52.83	52.64	52.95	52.32
22	51.70	53.16	52.86	---	55.03	54.12	56.17	53.69	53.37	52.19	52.32	52.10
23	51.86	52.87	53.88	---	55.03	54.60	55.70	53.64	53.42	52.18	52.32	52.48
24	51.51	54.40	54.66	---	55.38	54.33	55.93	53.58	53.14	51.79	52.13	53.24
25	51.36	54.37	56.92	---	55.14	54.47	55.76	53.18	52.44	51.54	52.54	52.47
26	52.94	54.05	57.33	---	54.99	54.44	55.03	53.30	53.32	51.66	52.02	52.01
27	55.27	53.86	56.37	---	54.94	54.04	55.05	53.32	53.33	52.89	51.70	52.13
28	55.13	53.57	55.89	---	54.97	53.99	54.52	53.55	52.67	52.90	52.27	52.13
29	54.83	52.54	55.54	58.76	---	54.13	54.40	53.72	52.73	53.53	52.33	51.86
30	54.51	53.13	54.63	57.41	---	54.15	54.19	53.67	52.50	53.23	51.92	52.23
31	53.68	---	54.53	56.06	---	53.98	---	54.52	---	52.07	52.79	---
MAX	55.27	54.49	57.33	---	60.47	59.90	57.77	55.63	54.28	53.53	---	56.90
MIN	51.11	51.86	52.22	---	54.04	53.98	53.93	53.18	52.15	51.54	---	51.31

SANTEE RIVER BASIN

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.

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, 53.99 ft, Feb. 5; minimum gage height, 49.48 ft, Dec. 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.05	51.55	51.16	51.36	51.01	51.75	---	51.95	51.63	51.45	52.24	51.30
2	51.31	51.85	50.97	51.53	51.56	51.43	---	51.81	51.53	51.65	52.16	51.05
3	51.32	51.37	51.60	51.52	51.49	51.56	---	52.38	51.39	51.46	51.44	51.76
4	51.52	50.97	51.09	51.59	52.71	51.44	---	51.56	51.44	51.29	51.95	52.48
5	51.50	51.17	51.43	51.40	53.52	51.71	---	51.49	51.41	52.00	51.84	51.98
6	51.54	51.26	51.97	52.36	53.37	51.20	---	51.40	51.44	51.57	51.82	51.57
7	51.71	51.08	51.81	51.18	52.54	51.71	---	51.66	51.55	51.30	51.45	51.36
8	51.48	51.81	51.15	50.94	51.18	52.10	---	51.69	51.84	51.89	51.57	51.33
9	51.02	51.19	51.14	51.37	51.32	53.08	52.56	51.45	51.67	51.59	51.25	51.63
10	50.74	51.66	51.04	51.32	52.67	53.52	53.06	51.69	51.62	51.19	51.58	51.01
11	50.82	51.68	51.18	51.19	51.76	53.36	52.74	51.73	51.30	51.02	53.12	51.69
12	51.69	51.40	51.28	51.66	51.87	51.41	51.35	51.75	51.50	51.47	52.97	52.25
13	51.36	51.50	51.03	51.37	52.08	---	51.37	51.55	51.04	50.80	51.64	51.91
14	51.50	52.15	50.88	51.39	51.55	---	52.29	51.61	50.95	51.45	51.63	51.40
15	51.08	51.63	51.33	51.35	51.31	---	52.04	51.89	51.47	51.57	51.94	51.43
16	51.14	51.06	51.25	52.00	51.66	---	51.72	51.82	50.97	51.53	52.02	51.08
17	50.94	50.76	51.36	51.80	52.58	---	51.68	51.84	51.42	51.63	52.18	52.00
18	51.42	50.94	51.67	52.93	52.88	---	51.61	51.63	51.17	51.51	51.96	52.25
19	52.02	51.72	51.16	52.06	51.57	---	52.38	51.27	51.59	51.72	51.63	51.52
20	51.60	51.70	51.39	52.01	51.27	---	51.57	50.97	51.42	52.23	51.37	51.46
21	51.05	52.20	51.44	51.22	51.01	---	51.33	51.42	51.06	51.74	51.80	51.58
22	51.22	51.93	51.45	51.50	51.55	---	51.19	51.57	51.59	51.45	51.41	51.66
23	51.49	51.13	51.56	51.86	51.50	---	51.54	51.53	51.85	51.53	51.38	51.42
24	51.25	51.78	51.29	51.64	51.99	---	51.67	51.27	51.55	51.28	51.40	51.35
25	51.21	52.55	51.73	51.34	51.79	---	51.57	51.43	51.29	51.20	51.82	51.52
26	52.20	51.64	51.49	51.41	51.86	---	51.23	51.49	51.64	51.40	51.26	51.36
27	52.42	51.44	51.75	51.48	51.80	---	51.80	51.56	51.65	51.87	51.19	51.46
28	52.56	50.96	51.22	52.37	51.80	---	51.38	51.47	51.57	51.84	51.72	51.34
29	52.65	50.90	51.38	52.33	---	---	51.83	51.62	51.72	52.32	51.74	51.47
30	52.17	51.62	51.05	51.89	---	---	51.55	51.69	51.45	52.02	51.45	51.57
31	51.54	---	51.09	51.57	---	---	---	51.84	---	51.39	51.52	---
MAX	52.65	52.55	51.97	52.93	53.52	---	---	52.38	51.85	52.32	53.12	52.48
MIN	50.74	50.76	50.88	50.94	51.01	---	---	50.97	50.95	50.80	51.19	51.01

SANTÉE RIVER BASIN

201

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12'', long 82°32'16'', 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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	46	34	45	109	116	94	198	66	39	26	18
2	24	50	31	44	104	109	87	156	72	39	25	18
3	23	41	38	44	198	104	102	141	63	39	24	21
4	22	38	55	43	272	100	97	142	69	42	23	20
5	21	36	40	47	195	97	88	120	76	39	22	17
6	20	36	36	55	162	95	85	112	68	37	22	18
7	20	35	34	609	145	104	76	127	61	36	21	19
8	19	33	34	722	132	333	73	113	58	36	26	17
9	19	32	36	231	123	396	123	105	67	36	27	16
10	19	32	46	165	116	226	87	105	98	34	28	15
11	19	31	40	138	123	186	81	101	80	33	26	15
12	19	32	37	122	117	164	82	94	66	33	23	15
13	19	39	36	112	108	149	81	91	60	39	26	14
14	19	39	34	102	103	139	87	88	57	33	39	14
15	18	34	33	149	98	130	81	85	59	32	44	14
16	18	32	32	182	183	123	93	81	55	31	35	14
17	18	31	32	145	258	119	264	78	52	31	29	14
18	19	31	31	124	187	139	145	74	49	29	32	14
19	27	31	30	121	155	146	237	72	55	29	26	14
20	20	30	30	107	138	155	194	70	52	28	24	15
21	18	33	30	100	126	137	156	68	50	28	23	20
22	18	44	53	154	120	123	156	67	67	36	22	19
23	17	33	40	233	147	116	166	65	62	32	21	16
24	40	32	100	167	123	110	146	64	51	30	20	16
25	36	30	95	141	115	105	129	62	49	32	20	16
26	375	30	65	127	109	102	119	60	46	31	19	15
27	177	30	74	178	147	100	115	73	44	30	18	14
28	76	29	62	159	126	98	109	67	42	30	18	14
29	58	29	58	138	---	95	104	212	42	28	17	15
30	49	35	53	127	---	92	183	84	41	27	17	37
31	44	---	49	117	---	93	---	72	---	27	17	---
TOTAL	1317	1034	1398	4948	4039	4301	3640	3047	1777	1026	760	504
MEAN	42.5	34.5	45.1	160	144	139	121	98.3	59.2	33.1	24.5	16.8
MAX	375	50	100	722	272	396	264	212	98	42	44	37
MIN	17	29	30	43	98	92	73	60	41	27	17	14
CFM	2.02	1.64	2.15	7.60	6.87	6.61	5.78	4.68	2.82	1.58	1.17	.80
IN.	2.33	1.83	2.48	8.77	7.15	7.62	6.45	5.40	3.15	1.82	1.35	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1998, BY WATER YEAR (WY)

	MEAN	39.9	49.0	66.8	78.0	83.1	90.1	80.1	67.2	56.7	42.5	46.6	34.2
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	15.9	15.1	
(WY)	1994	1982	1989	1981	1989	1988	1986	1986	1988	1981	1981	1981	

SANTÉE RIVER BASIN

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1981 - 1998
ANNUAL TOTAL	22260	27791	
ANNUAL MEAN	61.0	76.1	61.7
HIGHEST ANNUAL MEAN			90.7
LOWEST ANNUAL MEAN			28.3
HIGHEST DAILY MEAN	375 Oct 26	722 Jan 8	1160 Aug 17 1994
LOWEST DAILY MEAN	16 **** Sep 20	14 *** Sep 13	10 * Sep 29 1981
ANNUAL SEVEN-DAY MINIMUM	17 Sep 17	14 Sep 13	11 Sep 27 1981
INSTANTANEOUS PEAK FLOW		3420 Jan 7	** 5190 Jun 11 1986
INSTANTANEOUS PEAK STAGE		9.33 Jan 7	11.21 Jun 11 1986
INSTANTANEOUS LOW FLOW		13 Sep 18	8.9 Oct 7 1981
ANNUAL RUNOFF (CFSM)	2.90	3.63	2.94
ANNUAL RUNOFF (INCHES)	39.43	49.23	39.93
10 PERCENT EXCEEDS	107	151	110
50 PERCENT EXCEEDS	52	50	48
90 PERCENT EXCEEDS	20	19	20

* Also occurred on Sept. 30, Oct. 3, 8, 1981.

** From rating curve extended above 610 ft³/s, and on basis of contracted-opening measurement of peak flow.

*** Also occurred on Sept. 14 - 19, 27, 28.

**** Also occurred on Sept. 21 - 23.<

Santee River Basin

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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 mi².

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 56 ft³/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 discharged into the Reedy River below station near Greenville.

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	286	452	389	458	890	1090	886	2080	724	303	337	255
2	258	567	393	391	896	1020	860	1750	852	402	294	249
3	244	525	293	321	1200	1000	833	1400	623	394	270	197
4	225	394	440	365	2780	917	1050	1380	708	392	264	293
5	231	324	765	486	2550	803	1000	1290	686	463	185	284
6	223	363	516	483	1770	916	895	1140	736	379	264	279
7	214	344	366	568	1430	910	865	1170	703	451	265	276
8	221	358	264	4250	1240	1940	753	1200	592	285	265	218
9	226	350	240	e6300	1160	3390	1070	1080	456	368	244	210
10	231	329	244	e3700	1080	2680	1080	1040	756	436	497	289
11	197	334	281	e1300	1040	1780	917	1090	898	368	374	265
12	185	336	286	e850	1140	1460	777	986	820	205	281	141
13	193	542	357	e775	1030	1320	786	910	584	337	263	198
14	192	566	342	798	905	1230	791	887	423	355	282	179
15	207	337	376	975	926	1120	875	845	571	340	424	140
16	238	236	322	1490	1010	1150	734	743	667	328	734	228
17	250	242	318	1660	2110	1160	1820	813	544	462	557	207
18	231	245	318	1160	2020	1040	1770	781	506	374	397	166
19	281	266	320	1050	1500	1190	1750	699	524	281	198	177
20	294	292	327	1050	1260	1250	2330	713	619	296	368	195
21	261	451	320	880	1160	1240	1630	699	569	342	314	191
22	229	553	371	681	1050	1130	1490	603	528	336	300	199
23	224	394	492	1670	1260	1090	1610	607	837	358	322	298
24	224	249	682	1520	1170	1000	1480	613	720	364	306	292
25	288	261	1130	1210	1090	932	1290	622	497	368	269	238
26	1650	321	764	1040	978	931	1160	549	470	339	270	168
27	3800	336	648	1090	1140	927	1090	618	503	363	270	200
28	1700	328	661	1570	1240	926	1040	648	455	357	264	242
29	844	322	580	1240	---	748	978	869	436	412	254	242
30	538	321	520	986	---	821	1190	1030	407	337	146	178
31	517	---	454	921	---	896	---	718	---	337	223	---
TOTAL	14902	10938	13779	41238	37025	38007	34800	29573	18414	11132	9701	6694
MEAN	481	365	444	1330	1322	1226	1160	954	614	359	313	223
MAX	3800	567	1130	6300	2780	3390	2330	2080	898	463	734	298
MIN	185	236	240	321	890	748	734	549	407	205	146	140
CFSM	1.63	1.24	1.51	4.51	4.48	4.16	3.93	3.23	2.08	1.22	1.06	.76
IN.	1.88	1.38	1.74	5.20	4.67	4.79	4.39	3.73	2.32	1.40	1.22	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1998, BY WATER YEAR (WY)

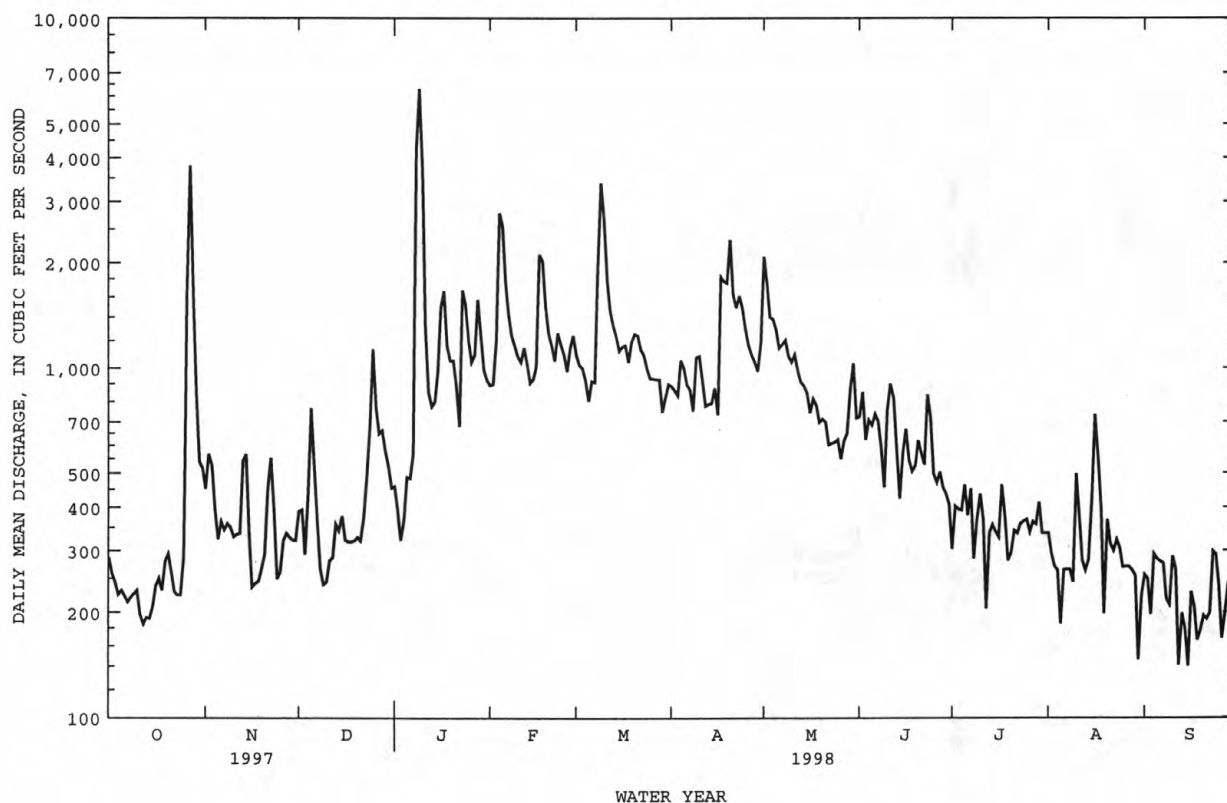
	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
MEAN	476	509	645	796	861	973	905	727	604	489	476	423
MAX	1631	1246	1445	1875	1478	1807	1562	1506	1208	1435	1272	1241
(WY)	1965	1993	1962	1946	1946	1990	1962	1973	1961	1949	1994	1949
MIN	89.8	169	189	158	445	387	405	395	252	206	146	113
(WY)	1955	1955	1956	1956	1959	1955	1967	1970	1956	1970	1956	1954

SANTEE RIVER BASIN

02162500 SALUDA RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1942 - 1998	
ANNUAL TOTAL	199211		266203			
ANNUAL MEAN	546		729		657	
HIGHEST ANNUAL MEAN					965	1949
LOWEST ANNUAL MEAN					346	1956
HIGHEST DAILY MEAN	3800	Oct 27	6300	Jan 9	8580	Oct 7 1949
LOWEST DAILY MEAN	114	Aug 26	140	Sep 15	70	Oct 16 1954
ANNUAL SEVEN-DAY MINIMUM	168	Aug 25	180	Sep 12	86	Oct 8 1954
INSTANTANEOUS PEAK FLOW			6790	Jan 9	* 11000	Oct 7 1949
INSTANTANEOUS PEAK STAGE			12.28	Jan 9	19.38	Oct 7 1949
INSTANTANEOUS LOW FLOW			39	Aug 5	11	Apr 18 1996
ANNUAL RUNOFF (CFSM)	1.85		2.47		2.23	
ANNUAL RUNOFF (INCHES)	25.12		33.57		30.24	
10 PERCENT EXCEEDS	917		1310		1150	
50 PERCENT EXCEEDS	486		528		532	
90 PERCENT EXCEEDS	230		231		260	

e Estimated

* From rating curve extended above 7,500 ft³/s on basis of computation of peak flow over dam at Saluda Lake.

SANTÉE RIVER BASIN

205

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 mi².

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 good except for those below 150 ft³/s, 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	649	714	494	653	1230	1500	1210	3110	779	326	312	347
2	476	776	503	628	1210	1360	1170	2760	1050	516	324	331
3	446	784	381	524	2300	1310	1380	2030	773	439	269	297
4	384	641	512	547	4930	1290	1710	1790	1000	432	269	440
5	434	495	824	572	4150	1130	1470	1760	852	496	235	364
6	358	520	640	759	2780	1180	1280	1460	937	488	294	375
7	354	526	524	652	2040	1250	1200	1480	901	445	342	317
8	356	539	349	6290	1700	3340	1130	1670	707	445	386	374
9	366	502	379	7410	1560	5710	3260	1510	570	410	366	205
10	365	424	387	4350	1460	4520	1850	1660	853	437	464	370
11	376	368	392	1890	1400	2700	1450	1790	1070	519	499	299
12	339	378	414	1430	1460	1990	1240	1360	1000	325	330	244
13	365	467	406	1410	1420	1740	1110	1190	809	323	319	218
14	379	907	433	1100	1280	1580	1180	1130	555	463	332	248
15	433	544	411	1280	1180	1490	1190	1100	602	394	498	250
16	443	334	422	1980	1380	1370	1170	1020	769	389	1030	266
17	480	322	413	2460	2850	1510	2600	913	729	460	719	362
18	476	357	407	1780	3010	1470	2940	1020	590	505	544	186
19	574	361	403	1500	2160	1450	2280	876	602	273	364	284
20	552	337	516	1380	1740	1650	3670	876	762	285	304	241
21	504	519	494	1380	1530	1620	2480	880	707	298	402	493
22	481	1200	664	1000	1420	1490	2210	783	647	348	374	318
23	461	715	661	1910	1720	1310	2390	898	785	346	392	363
24	458	371	1320	2210	1700	1350	2170	882	1010	381	402	421
25	537	352	1960	1660	1430	1250	1820	908	585	460	363	356
26	2320	368	1280	1480	1360	1240	1620	787	543	329	346	338
27	5250	527	942	1760	1530	1250	1510	666	547	359	351	296
28	3490	517	975	2310	1710	1220	1420	861	591	383	339	348
29	1370	512	790	1800	---	1200	1350	842	446	459	337	328
30	891	522	749	1510	---	954	1690	1270	544	390	304	356
31	670	---	648	1210	---	1190	---	996	---	374	112	---
TOTAL	25037	15899	19693	56825	53640	53614	53150	40278	22315	12497	11922	9635
MEAN	808	530	635	1833	1916	1729	1772	1299	744	403	385	321
MAX	5250	1200	1960	7410	4930	5710	3670	3110	1070	519	1030	493
MIN	339	322	349	524	1180	954	1110	666	446	273	112	186
CFSM	1.95	1.28	1.53	4.43	4.63	4.18	4.28	3.14	1.80	.97	.93	.78
IN.	2.25	1.43	1.77	5.11	4.82	4.82	4.78	3.62	2.01	1.12	1.07	.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1998, BY WATER YEAR (WY)

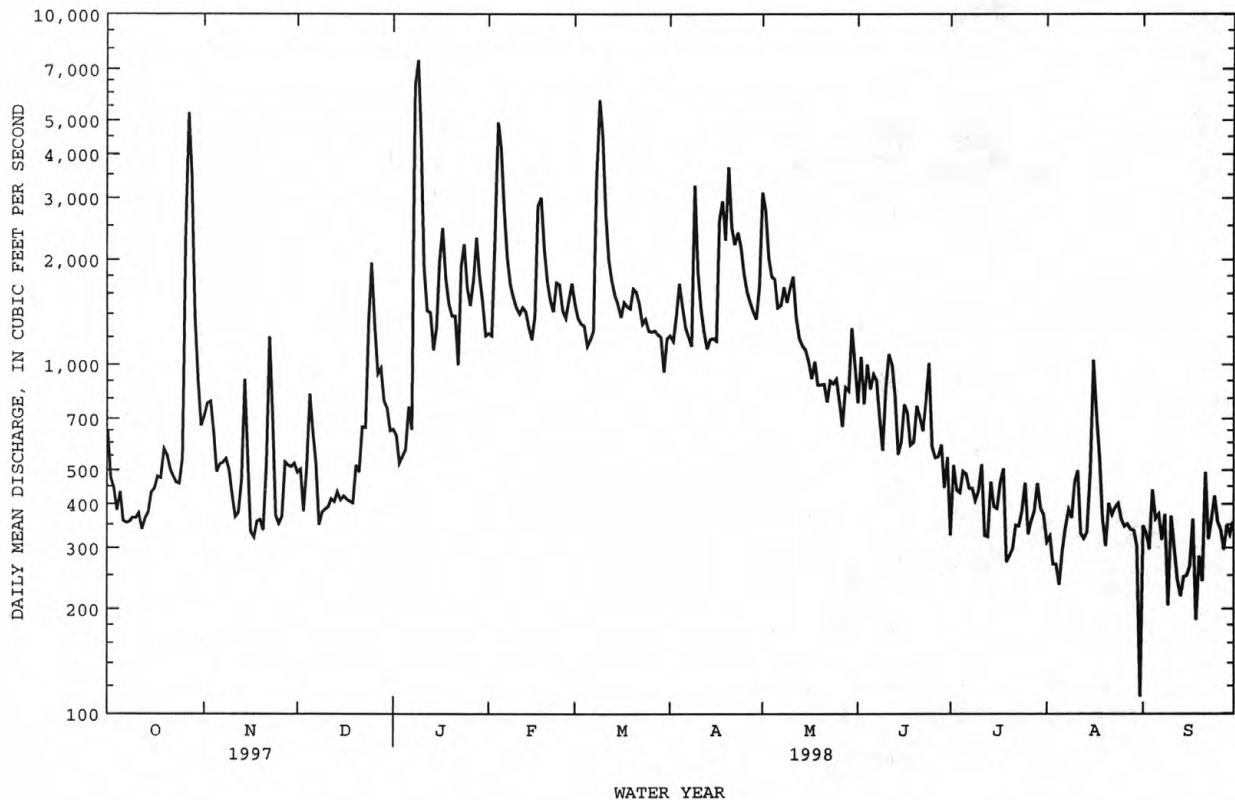
	1995	1996	1997	1998
MEAN	800	769	773	1387
MAX	1156	1324	877	1833
(WY)	1996	1997	1998	1999
MIN	437	454	635	749
(WY)	1997	1998	1999	2000

SANTEE RIVER BASIN

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1995 - 1998	
ANNUAL TOTAL	279355		374505		913	
ANNUAL MEAN	765		1026		1026	
HIGHEST ANNUAL MEAN					748	
LOWEST ANNUAL MEAN					12000	
HIGHEST DAILY MEAN	5610	Mar 1	7410	Jan 9	112	Aug 28 1995
LOWEST DAILY MEAN	212	Sep 7	112	Aug 31	253	Aug 31 1998
ANNUAL SEVEN-DAY MINIMUM	306	Sep 15	253	Sep 12	253	Sep 12 1998
INSTANTANEOUS PEAK FLOW			8120	Jan 9	Unknown	Aug 27 1995
INSTANTANEOUS PEAK STAGE			13.68	Jan 9	* 21.40	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.85		2.48		2.20	
ANNUAL RUNOFF (INCHES)	25.10		33.65		29.95	
10 PERCENT EXCEEDS	1280		1930		1560	
50 PERCENT EXCEEDS	617		707		694	
90 PERCENT EXCEEDS	361		333		363	

* From floodmarks.



SANTEE RIVER BASIN

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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, 30.0°C, Aug. 18, 1995, July 1, 22, 1998; minimum, 3.0°C, Dec. 28 - 30, 1995, Jan. 12, 13, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.0°C, July, 1, 22; minimum, 4.0°C, Dec. 17, Jan. 3.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.0	19.0	19.0	13.5	13.0	13.0	10.0	9.0	9.5	5.5	4.5	5.0
2	19.0	18.5	19.0	13.0	12.5	13.0	10.0	9.0	9.5	5.0	4.5	4.5
3	18.5	18.5	18.5	13.0	12.5	13.0	9.0	9.0	9.0	5.0	4.0	4.5
4	18.5	18.0	18.0	12.5	12.0	12.5	9.0	8.5	9.0	6.0	4.5	5.0
5	18.0	18.0	18.0	12.0	12.0	12.0	9.0	8.5	9.0	7.0	6.0	6.5
6	18.0	18.0	18.0	12.0	10.5	11.5	9.0	7.0	8.0	8.0	7.0	7.5
7	18.0	18.0	18.0	11.0	10.0	10.5	7.5	6.0	7.0	9.0	8.0	8.5
8	18.0	18.0	18.0	11.0	10.5	10.5	6.5	5.5	6.0	13.5	9.0	12.5
9	18.0	18.0	18.0	11.0	10.0	10.5	6.0	5.5	5.5	13.0	12.5	13.0
10	18.0	18.0	18.0	10.5	10.0	10.5	7.0	5.5	6.0	12.5	11.0	12.0
11	18.5	18.0	18.0	10.0	9.5	10.0	7.0	6.5	6.5	11.0	10.5	11.0
12	18.5	18.5	18.5	10.0	9.5	9.5	7.5	7.0	7.0	10.5	10.0	10.0
13	18.5	18.5	18.5	9.5	8.5	9.0	7.5	7.0	7.0	10.5	9.5	10.0
14	18.5	18.0	18.5	9.0	8.5	8.5	7.0	6.0	6.5	10.0	9.5	10.0
15	18.5	18.0	18.0	9.0	8.5	8.5	6.0	5.5	5.5	9.5	9.0	9.0
16	18.0	18.0	18.0	9.0	8.0	8.5	6.0	4.5	5.0	9.0	8.5	9.0
17	18.0	17.5	17.5	8.0	7.0	7.5	5.5	4.0	4.5	9.0	8.5	8.5
18	17.5	17.0	17.0	8.0	7.0	7.0	5.5	4.5	5.0	8.5	8.0	8.0
19	17.0	16.5	17.0	7.5	6.0	6.5	6.0	5.0	5.5	9.0	8.0	8.5
20	16.5	16.5	16.5	7.0	6.0	6.5	6.0	5.0	5.5	8.5	8.0	8.0
21	16.5	16.0	16.0	7.0	6.5	6.5	6.5	5.5	6.0	8.0	7.0	7.5
22	16.0	15.5	16.0	8.5	7.0	8.0	6.5	6.0	6.5	7.0	7.0	7.0
23	15.5	15.5	15.5	9.0	8.5	8.5	7.0	6.5	6.5	7.0	6.5	7.0
24	15.5	15.0	15.5	9.0	8.0	8.5	7.5	7.0	7.0	7.5	7.0	7.0
25	15.0	15.0	15.0	8.0	7.0	7.5	8.5	7.5	8.0	7.0	6.5	7.0
26	15.0	14.5	14.5	7.5	7.0	7.0	8.5	8.0	8.0	7.5	6.5	7.0
27	14.5	14.5	14.5	7.5	6.5	7.0	8.0	8.0	8.0	7.5	6.5	7.0
28	14.5	14.0	14.0	8.0	7.0	7.5	8.0	7.5	7.5	7.0	6.5	6.5
29	14.0	13.5	14.0	8.5	8.0	8.0	7.5	6.5	7.0	7.0	6.5	6.5
30	14.0	13.5	13.5	9.0	8.5	9.0	6.5	6.0	6.0	7.5	6.5	7.0
31	13.5	13.0	13.5	---	---	---	6.0	5.5	6.0	7.5	6.5	7.0
MONTH	19.0	13.0	16.8	13.5	6.0	9.2	10.0	4.0	6.9	13.5	4.0	8.0

SANTÉE RIVER BASIN

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	6.0	6.5	12.5	11.5	12.0	18.5	17.0	17.5	16.5	15.5	16.0
2	7.0	6.5	7.0	12.0	11.0	11.5	18.5	17.0	18.0	16.5	15.5	16.0
3	7.0	6.5	7.0	11.5	10.5	11.0	18.0	15.5	17.0	17.0	16.5	16.5
4	7.0	6.5	7.0	11.0	10.0	10.5	16.0	15.0	15.5	17.5	16.5	17.0
5	7.5	7.0	7.0	10.5	9.5	10.0	15.5	15.0	15.5	17.5	16.5	17.0
6	8.0	7.5	7.5	10.0	9.5	10.0	15.5	14.0	15.0	18.5	17.0	17.5
7	7.5	7.5	7.5	9.5	9.0	9.0	16.0	14.0	15.0	18.5	17.5	18.0
8	8.0	7.5	8.0	10.5	9.0	10.0	17.5	15.0	16.0	19.0	18.0	18.5
9	9.0	8.0	8.5	11.0	10.5	11.0	17.5	16.5	17.0	19.5	18.5	19.0
10	8.5	8.0	8.5	11.0	10.5	11.0	17.0	16.0	16.5	19.5	18.5	19.0
11	9.0	8.0	8.5	10.5	9.0	9.5	16.5	15.5	16.0	20.0	18.5	19.0
12	9.5	8.5	9.0	9.0	8.0	8.5	17.0	15.5	16.0	20.5	19.0	19.5
13	9.0	8.5	8.5	8.0	7.5	8.0	16.5	15.0	15.5	20.5	19.0	20.0
14	8.5	8.0	8.5	9.0	7.5	8.0	16.0	14.5	15.5	21.0	19.5	20.5
15	8.5	8.0	8.5	9.5	8.0	9.0	16.5	15.0	15.5	22.0	20.0	21.0
16	8.5	8.0	8.0	9.5	9.0	9.0	17.0	16.0	16.5	22.0	21.0	21.5
17	9.0	8.0	8.5	9.0	9.0	9.0	18.0	16.0	17.0	22.5	21.0	21.5
18	9.0	8.5	9.0	9.0	8.5	9.0	17.5	17.0	17.5	23.0	21.5	22.5
19	10.0	9.0	9.5	10.5	9.0	9.5	17.0	16.5	17.0	23.0	21.5	22.5
20	10.5	9.5	10.0	11.0	10.5	10.5	16.5	15.5	16.0	23.0	22.0	22.5
21	10.5	9.5	10.0	11.5	10.0	11.0	15.5	15.0	15.5	23.5	22.0	22.5
22	9.5	9.0	9.5	12.5	11.0	11.5	15.5	15.0	15.0	23.5	22.5	23.0
23	9.5	9.0	9.5	12.0	11.0	11.5	15.0	14.5	14.5	23.5	23.0	23.0
24	9.5	9.0	9.5	12.5	11.0	11.5	15.0	14.0	14.5	23.5	23.0	23.5
25	10.0	9.0	9.5	12.5	11.5	12.0	15.5	14.5	15.0	23.5	23.0	23.5
26	10.5	9.5	10.0	13.0	11.0	12.0	16.5	15.0	15.5	24.0	23.5	23.5
27	11.0	10.0	10.5	14.0	12.0	13.0	17.0	15.5	16.5	24.0	24.0	24.0
28	12.0	10.5	11.5	15.0	13.0	14.0	16.5	16.0	16.0	24.0	23.5	24.0
29	---	---	---	16.5	14.0	15.0	16.5	15.5	16.0	24.5	24.0	24.0
30	---	---	---	17.5	15.0	16.0	16.5	15.5	16.0	24.5	23.5	24.0
31	---	---	---	18.0	16.5	17.5	---	---	---	24.0	23.5	23.5
MONTH	12.0	6.0	8.7	18.0	7.5	11.0	18.5	14.0	16.0	24.5	15.5	20.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.5	23.5	24.0	30.0	28.0	29.0	28.5	27.5	28.0	28.5	28.0	28.0
2	---	---	---	29.0	28.5	28.5	28.0	27.0	27.5	28.5	27.5	28.0
3	---	---	---	29.0	28.0	28.5	27.5	26.5	27.0	27.5	26.5	27.0
4	---	---	---	29.5	28.0	28.5	27.5	26.5	26.5	26.5	25.0	26.0
5	---	---	---	29.0	28.0	28.5	27.0	26.0	26.5	26.0	25.0	25.5
6	---	---	---	29.0	28.0	28.5	26.5	26.0	26.5	26.0	25.5	25.5
7	---	---	---	29.5	28.0	28.5	27.0	26.0	26.5	26.5	26.0	26.5
8	---	---	---	29.0	28.0	28.5	26.5	26.0	26.5	27.0	26.0	26.5
9	---	---	---	29.5	28.0	28.5	27.0	26.5	26.5	26.5	25.0	26.0
10	---	---	---	29.5	28.5	29.0	27.5	26.5	27.0	25.0	24.0	24.5
11	---	---	---	29.0	28.0	28.5	27.5	26.5	27.0	24.5	23.0	24.0
12	24.0	23.0	23.5	28.5	28.0	28.5	28.5	26.5	27.5	24.0	23.0	23.0
13	24.5	23.5	24.0	28.5	28.0	28.5	28.0	27.0	27.5	24.5	22.5	23.5
14	24.5	24.5	24.5	28.5	27.5	28.0	27.5	27.0	27.0	24.5	23.5	24.0
15	25.5	24.5	25.0	28.0	27.0	27.5	27.0	27.0	27.0	25.0	24.0	24.0
16	25.5	25.0	25.5	28.0	27.0	27.5	27.0	26.0	26.0	25.0	24.0	24.5
17	26.0	25.0	25.5	28.5	27.5	28.0	26.5	26.0	26.5	25.5	24.5	25.0
18	25.5	25.5	25.5	29.0	27.5	28.0	27.0	26.5	26.5	25.5	24.5	25.0
19	26.0	25.5	26.0	29.5	28.0	28.5	28.0	26.5	27.0	25.5	25.0	25.0
20	25.5	25.0	25.5	29.5	28.5	29.0	27.5	26.5	27.0	25.5	24.5	25.0
21	25.5	25.0	25.5	29.5	28.5	29.0	27.5	26.5	27.0	25.0	24.5	25.0
22	26.0	25.5	26.0	30.0	29.0	29.5	27.0	26.0	26.5	25.0	24.5	24.5
23	26.5	25.5	26.0	29.5	29.0	29.0	26.5	26.0	26.5	25.0	24.5	24.5
24	26.5	25.5	26.0	29.0	28.5	28.5	27.0	26.0	26.5	24.5	24.0	24.5
25	26.5	25.5	26.0	28.5	28.0	28.5	27.0	26.0	26.5	24.5	23.5	24.0
26	27.0	26.5	26.5	28.5	27.5	28.0	28.0	26.5	27.5	24.0	23.5	23.5
27	27.5	26.5	27.0	28.5	28.0	28.0	28.0	27.0	27.5	24.5	23.0	23.5
28	28.0	27.0	27.5	28.0	27.5	28.0	28.0	27.5	28.0	24.0	23.5	23.5
29	28.5	27.5	28.0	28.5	27.5	28.0	28.5	27.5	28.0	23.5	23.5	23.5
30	28.5	27.5	28.0	28.5	27.5	28.0	29.0	28.0	28.5	23.5	23.0	23.5
31	---	---	---	28.5	28.0	28.0	29.0	28.0	28.5	---	---	---
MONTH	---	---	---	30.0	27.0	28.4	29.0	26.0	27.0	28.5	22.5	24.9

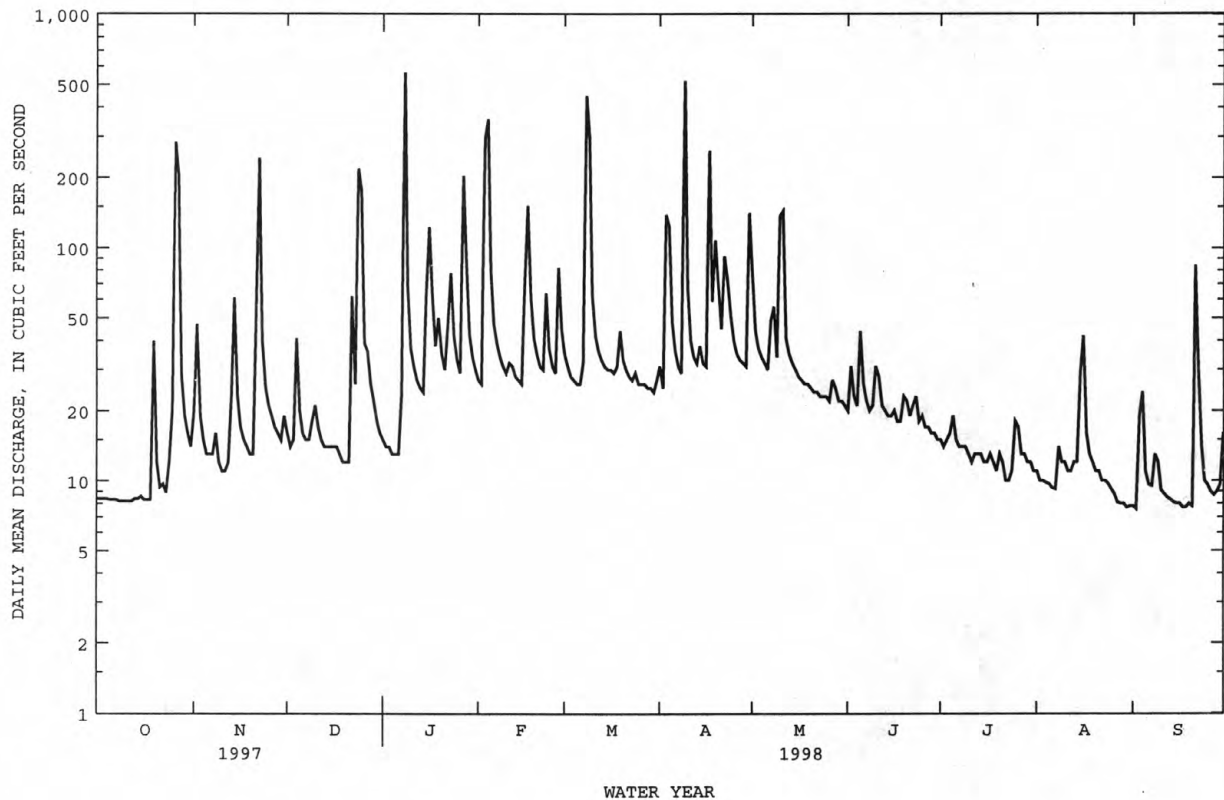
SANTEE RIVER BASIN

021630967 GROVE CREEK NEAR PIEDMONT, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1994 - 1998	
ANNUAL TOTAL	10010.2		13381.5			
ANNUAL MEAN	27.4		36.7		29.7	
HIGHEST ANNUAL MEAN					36.7	
LOWEST ANNUAL MEAN					24.7	
HIGHEST DAILY MEAN	373	Feb 28	563	Jan 8	1000	Aug 27 1995
LOWEST DAILY MEAN	7.5	Sep 7	7.6	Sep 2	3.7	Aug 12 1994
ANNUAL SEVEN-DAY MINIMUM	7.7	Sep 2	7.9	Aug 27	5.1	Aug 9 1994
INSTANTANEOUS PEAK FLOW			906	Jan 8	Unknown	Aug 27 1995
INSTANTANEOUS PEAK STAGE			10.57	Jan 8	* 15.17	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.43		1.92		1.55	
ANNUAL RUNOFF (INCHES)	19.48		26.04		21.08	
10 PERCENT EXCEEDS	43		62		45	
50 PERCENT EXCEEDS	17		21		16	
90 PERCENT EXCEEDS	8.3		8.8		8.1	

e Estimated

* From floodmarks.



Santee River Basin

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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 84.6.

DRAINAGE AREA.--580 mi².

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 of 1.0 ft higher.

REMARKS.--Records fair except for estimated daily discharges, and those below 150 ft³/s, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff. About 56 ft³/s diverted above station for City of Greenville water supply during 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 discharged into Reedy River near Greenville.

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	524	e850	634	798	1400	1770	1380	3270	1060	671	388	238
2	597	e900	e454	767	1370	1530	1330	3530	1300	406	562	433
3	398	e1000	e644	756	3180	1530	1510	2530	1220	473	547	444
4	160	887	e1110	543	7910	1400	2610	2280	935	620	355	619
5	171	696	e1110	646	5890	1320	1960	2080	1470	699	341	485
6	425	681	e925	842	3870	1230	1690	1870	1300	731	367	532
7	413	610	e948	941	2730	1380	1440	1950	1190	657	256	330
8	290	514	e810	5340	2200	4770	1500	2770	1070	610	415	340
9	269	557	535	7720	1910	8490	5290	2010	779	563	563	446
10	340	656	513	6540	1740	5960	3260	1840	981	684	559	371
11	413	594	656	2570	1610	3830	2070	2340	1460	482	640	384
12	332	466	486	1770	1640	2650	1790	1890	1150	684	576	304
13	338	760	675	1610	1610	2240	1340	1600	1220	419	497	320
14	270	971	680	1340	1510	2020	1520	1400	979	502	548	287
15	276	1090	469	1390	1350	1870	1210	1450	783	509	672	237
16	408	618	541	2340	1400	1690	1620	1360	680	518	1250	216
17	288	571	667	2970	2750	1710	8150	1350	1070	624	1530	178
18	408	458	576	2280	3740	1740	4670	1280	790	567	835	381
19	423	520	471	1980	2650	1660	3120	1360	866	588	589	242
20	618	479	527	1770	2060	1860	4500	982	983	498	546	223
21	459	586	541	1610	1750	1770	3550	1180	912	416	531	418
22	477	2210	826	1430	1630	1690	2870	1160	1040	411	601	538
23	315	1410	876	1820	1820	1580	3270	1030	907	625	450	510
24	324	849	2700	2630	2020	1550	2950	1090	e1100	620	384	237
25	362	737	3870	2030	1660	1460	2400	977	e1400	406	466	476
26	1790	538	2220	1670	1560	1390	2070	1160	718	786	456	352
27	5470	500	1580	2390	1740	1370	1790	831	701	637	473	278
28	4730	636	1380	3150	2010	1370	1850	1090	666	472	387	314
29	1960	698	1280	2350	---	1250	1580	1070	690	597	282	258
30	1350	474	1120	1860	---	1310	2000	1240	697	480	388	455
31	925	---	893	1520	---	1210	---	1380	---	604	373	---
TOTAL	25523	22516	30717	67373	66710	66600	76290	51350	30117	17559	16827	10846
MEAN	823	751	991	2173	2383	2148	2543	1656	1004	566	543	362
MAX	5470	2210	3870	7720	7910	8490	8150	3530	1470	786	1530	619
MIN	160	458	454	543	1350	1210	1210	831	666	406	256	178
CFSM	1.42	1.29	1.71	3.74	4.10	3.70	4.38	2.85	1.73	.97	.93	.62
IN.	1.63	1.44	1.97	4.31	4.27	4.26	4.88	3.29	1.93	1.12	1.08	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1998, BY WATER YEAR (WY)

	676	767	986	1252	1387	1584	1405	1088	877	739	751	612
MEAN	676	767	986	1252	1387	1584	1405	1088	877	739	751	612
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	219	142
(WY)	1955	1982	1956	1956	1989	1988	1986	1988	1988	1986	1986	1981

SANTEE RIVER BASIN

02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

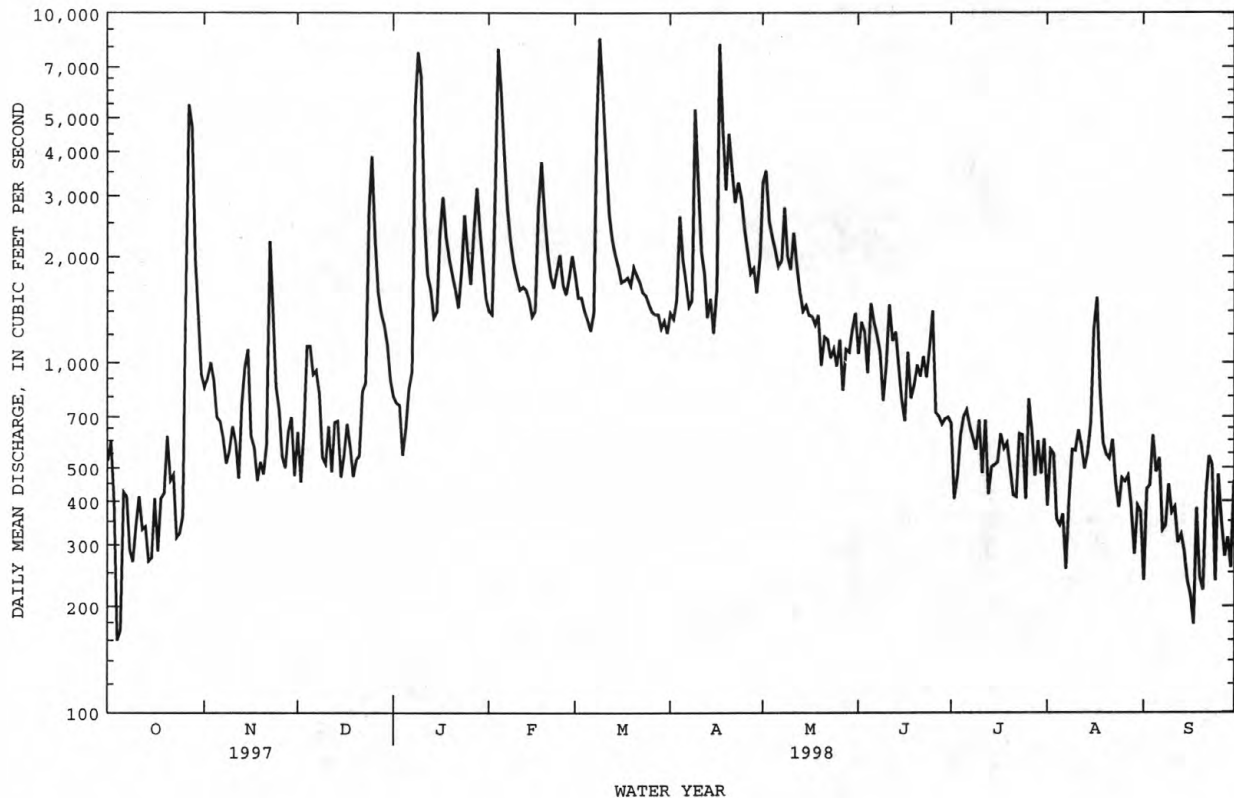
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1939 - 1998	
ANNUAL TOTAL	354301		482428		1009	
ANNUAL MEAN	971		1322		1569	
HIGHEST ANNUAL MEAN					438	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	8420	Mar 1	8490	Mar 9	11	Aug 27 1995
LOWEST DAILY MEAN	160	Oct 4	160	Oct 4	61	* Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	256	Sep 17	252	Sep 14	20900	Jul 28 1986
INSTANTANEOUS PEAK FLOW			14300	Apr 17	22.95	Aug 27 1995
INSTANTANEOUS PEAK STAGE			19.91	Apr 17	24.00	Aug 27 1995
INSTANTANEOUS LOW FLOW			135	Oct 4	1.74	Oct 27 1993
ANNUAL RUNOFF (CFSM)	1.67		2.27		23.60	
ANNUAL RUNOFF (INCHES)	22.69		30.89		1810	
10 PERCENT EXCEEDS	1740		2620		760	
50 PERCENT EXCEEDS	840		941		340	
90 PERCENT EXCEEDS	344		378			

e Estimated

* Also occurred on Oct. 19, 1941.

** From rating curve extended above 16,000 ft³/s on basis of computation of peak flow over dam.

*** Caused by construction work upstream of gage.



SANTEE RIVER BASIN

213

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	76	45	48	77	93	87	530	52	32	28	19
2	25	116	43	47	80	84	71	180	195	29	26	18
3	24	52	80	46	972	78	269	147	80	33	25	116
4	23	45	144	45	859	77	178	121	67	34	24	77
5	22	39	61	48	237	77	99	108	143	38	22	34
6	21	37	46	51	134	74	83	96	112	30	22	38
7	20	38	41	179	109	103	77	168	73	27	22	29
8	20	37	41	1690	96	961	75	166	57	26	41	27
9	19	34	65	243	89	589	798	136	57	26	62	27
10	22	34	83	110	82	176	121	173	90	23	38	21
11	26	33	51	84	125	124	94	141	98	20	27	18
12	20	40	44	70	109	105	84	127	66	20	25	18
13	20	79	43	66	83	96	78	117	54	25	22	17
14	22	145	40	59	77	91	103	108	51	21	36	17
15	23	54	37	200	73	87	80	99	43	18	e55	17
16	20	43	38	274	235	83	81	90	55	18	e250	17
17	20	39	38	167	433	80	715	78	43	249	e50	16
18	22	37	35	99	178	105	175	69	46	50	38	15
19	144	35	35	133	115	153	341	65	245	31	37	15
20	34	35	36	85	97	103	285	61	75	31	32	15
21	25	108	36	74	88	88	160	58	67	28	29	88
22	27	159	235	145	85	84	269	55	69	36	27	56
23	22	62	79	189	204	78	219	54	94	33	27	34
24	56	48	423	112	102	86	176	53	59	59	26	26
25	90	45	219	86	86	75	163	54	50	57	26	20
26	1090	44	96	75	82	74	133	52	42	45	24	20
27	546	43	131	505	208	73	106	58	38	36	22	18
28	111	41	79	236	111	73	93	68	33	45	20	19
29	68	40	68	119	---	71	88	112	40	42	20	23
30	52	55	61	92	---	70	409	64	37	29	20	60
31	45	---	52	82	---	89	---	57	---	28	20	---
TOTAL	2706	1693	2525	5459	5226	4200	5710	3465	2231	1219	1143	935
MEAN	87.3	56.4	81.5	176	187	135	190	112	74.4	39.3	36.9	31.2
MAX	1090	159	423	1690	972	961	798	530	245	249	250	116
MIN	19	33	35	45	73	70	71	52	33	18	20	15
CFSM	1.80	1.16	1.68	3.62	3.84	2.79	3.92	2.30	1.53	.81	.76	.64
IN.	2.07	1.30	1.93	4.18	4.00	3.21	4.37	2.65	1.71	.93	.87	.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1998, BY WATER YEAR (WY)

	MEAN	61.3	64.5	79.5	102	120	132	111	77.1	65.1	61.7	62.9	55.4
	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	48.0	50.2	27.2	20.5	25.3	17.5	14.1
	(WY)	1955	1955	1956	1956	1988	1955	1942	1988	1988	1954	1954	1954

Santee River Basin

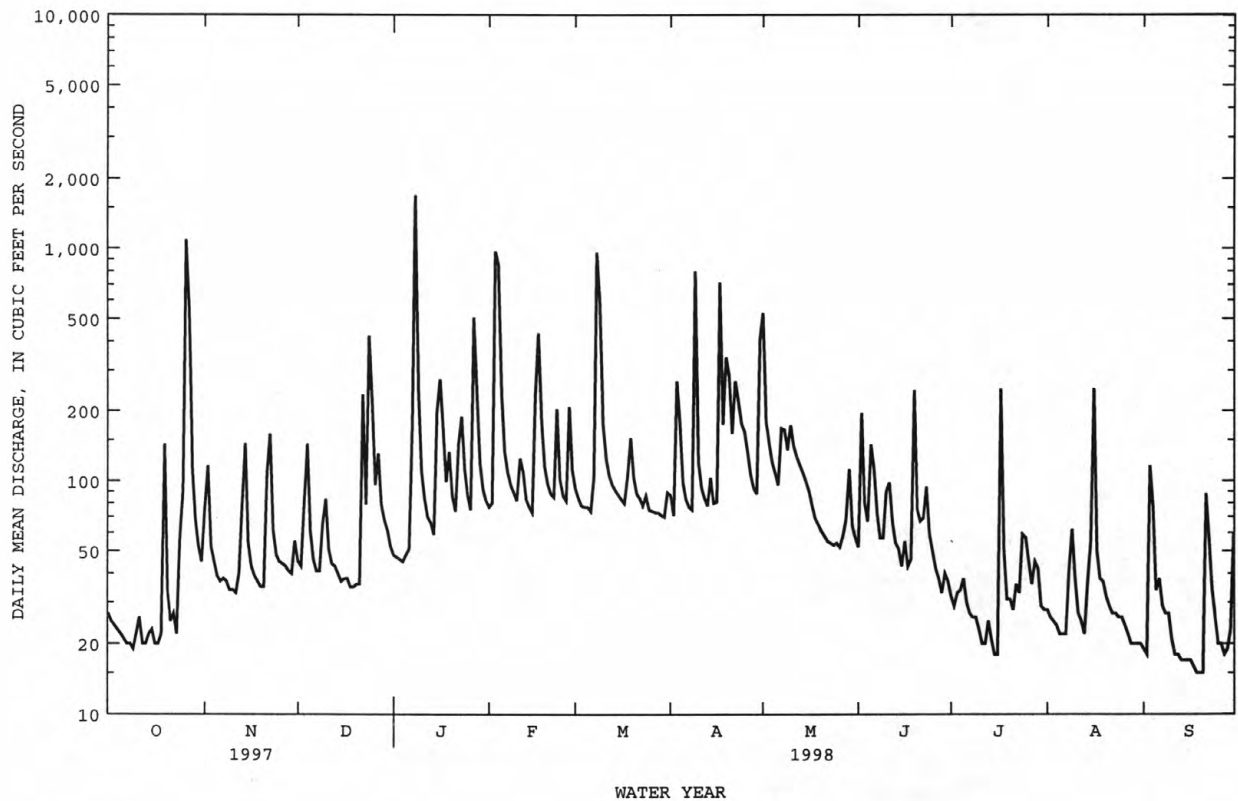
02164000 REEDY RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1942 - 1998	
ANNUAL TOTAL	28848		36512		83.2	
ANNUAL MEAN	79.0		100		43.1	
HIGHEST ANNUAL MEAN					118	
LOWEST ANNUAL MEAN					43.1	
HIGHEST DAILY MEAN	1090	Oct 26	1690	Jan 8	4120	Aug 27 1995
LOWEST DAILY MEAN	19	Oct 9	15	** Sep 18	8.0	Oct 4 1954
ANNUAL SEVEN-DAY MINIMUM	21	Oct 4	16	Sep 14	11	Sep 29 1954
INSTANTANEOUS PEAK FLOW			3300	Jan 8	* 5400	Aug 27 1995
INSTANTANEOUS PEAK STAGE			8.98	Jan 8	11.88	Aug 27 1995
INSTANTANEOUS LOW FLOW			14	** Sep 18	4.6	Oct 11 1966
ANNUAL RUNOFF (CFSM)	1.63		2.06		1.71	
ANNUAL RUNOFF (INCHES)	22.08		27.95		23.26	
10 PERCENT EXCEEDS	127		178		139	
50 PERCENT EXCEEDS	52		61		53	
90 PERCENT EXCEEDS	31		22		26	

e Estimated

* From rating curve extended above 3,000 ft³/s.

** Also occurred on Sept. 19, 20.



SANTEE RIVER BASIN

215

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	107	195	140	163	255	283	287	1160	183	138	118	86
2	102	377	130	157	233	254	219	525	403	133	111	90
3	100	193	129	153	1550	239	620	365	277	130	107	134
4	100	166	389	149	2910	227	799	325	206	126	106	431
5	98	154	191	149	940	230	336	282	391	126	101	121
6	97	144	151	164	482	222	264	266	267	125	101	108
7	97	142	138	189	382	236	245	392	194	123	101	105
8	96	141	132	2850	331	2270	236	413	178	122	108	109
9	95	126	173	1000	296	2280	2560	271	177	123	129	107
10	94	122	205	409	275	664	584	846	234	118	155	102
11	95	122	174	315	282	436	399	552	267	113	120	101
12	94	121	145	265	359	358	329	322	189	108	118	98
13	93	206	139	242	261	329	291	271	176	107	112	95
14	94	414	132	224	244	303	340	256	166	111	110	91
15	95	188	128	426	232	279	297	247	167	111	161	91
16	94	149	127	758	519	266	268	237	166	109	592	92
17	93	136	130	567	1180	258	1780	231	168	356	190	92
18	93	133	126	328	575	268	613	224	166	192	135	91
19	294	128	123	406	367	436	783	217	315	124	125	88
20	151	125	123	300	305	302	851	214	381	120	123	85
21	111	164	121	253	267	267	423	208	189	169	115	201
22	108	987	523	269	247	246	599	205	244	118	111	256
23	104	247	261	674	526	233	615	198	330	135	107	154
24	106	178	925	349	322	249	417	191	187	120	107	103
25	263	157	1080	279	263	228	327	193	161	205	111	97
26	1650	146	347	234	247	221	304	191	154	188	104	92
27	1800	136	347	1180	615	220	282	203	150	193	103	90
28	442	130	261	984	366	214	263	220	146	135	99	92
29	260	128	210	393	---	208	256	241	139	145	95	102
30	200	148	199	305	---	207	801	203	138	130	91	142
31	174	---	183	261	---	207	---	191	---	124	90	---
TOTAL	7400	5903	7582	14395	14831	12640	16388	9860	6509	4377	4056	3646
MEAN	239	197	245	464	530	408	546	318	217	141	131	122
MAX	1800	987	1080	2850	2910	2280	2560	1160	403	356	592	431
MIN	93	121	121	149	232	207	219	191	138	107	90	85
CFM	2.30	1.89	2.35	4.46	5.09	3.92	5.25	3.06	2.09	1.36	1.26	1.17
IN.	2.65	2.11	2.71	5.15	5.30	4.52	5.86	3.53	2.33	1.57	1.45	1.30

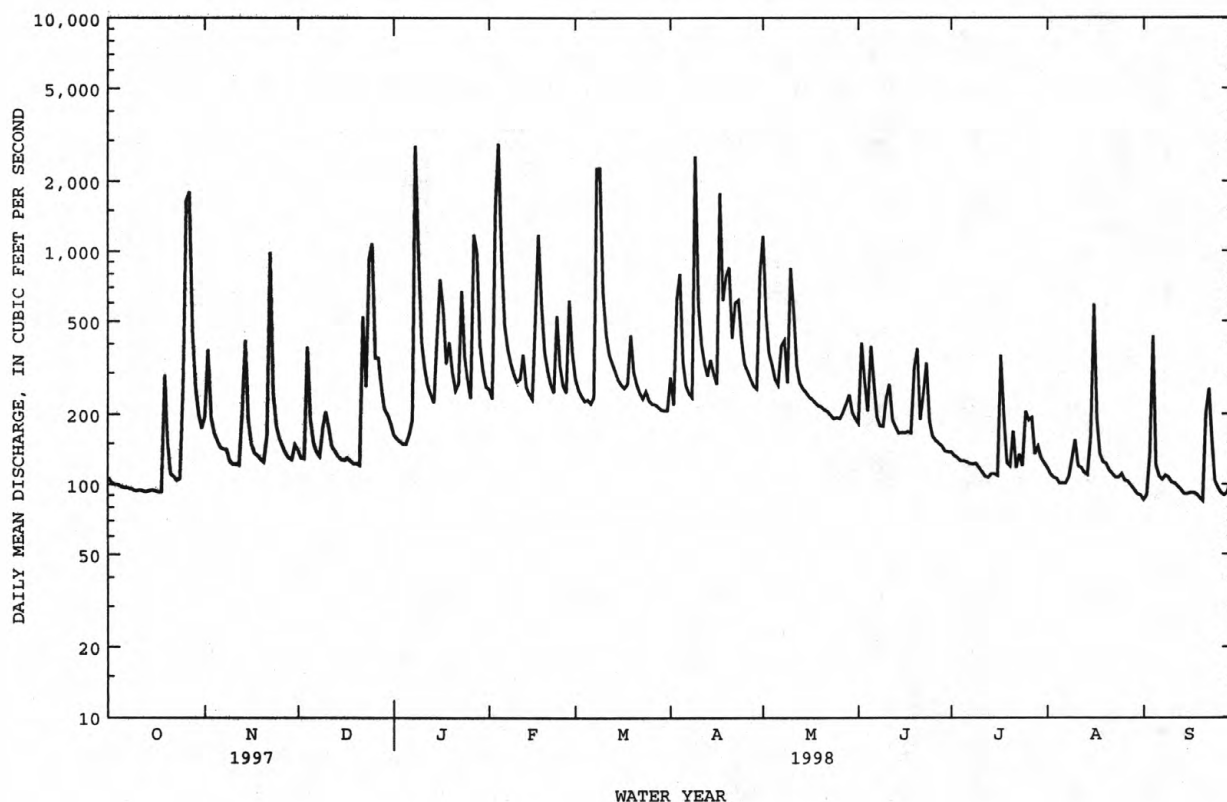
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1998, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998
MEAN	179	189	205	326	352
MAX	271	311	247	464	530
(WY)	1996	1996	1995	1998	1998
MIN	89.9	134	153	204	236
(WY)	1994	1997	1994	1994	1994

SANTEE RIVER BASIN

02164110 REEDY RIVER ABOVE FORK SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR			FOR 1998 WATER YEAR			WATER YEARS 1994 - 1998		
ANNUAL TOTAL	79323			107587			235		
ANNUAL MEAN	217			295			295		
HIGHEST ANNUAL MEAN							1998		
LOWEST ANNUAL MEAN							1997		
HIGHEST DAILY MEAN	2670	Mar	1	2910	Feb	4	6260	Aug	27 1995
LOWEST DAILY MEAN	76	Sep	8	85	Sep	20	64	Oct	2 1995
ANNUAL SEVEN-DAY MINIMUM	79	Sep	3	90	Sep	14	72	Sep	27 1995
INSTANTANEOUS PEAK FLOW				4170	Jan	8	* 8200	Aug	27 1995
INSTANTANEOUS PEAK STAGE				16.14	Jan	8	21.77	Aug	27 1995
INSTANTANEOUS LOW FLOW				83	Sep	21	63	Oct	1 1995
ANNUAL RUNOFF (CFSM)	2.09			2.83			2.26		
ANNUAL RUNOFF (INCHES)	28.37			38.48			30.67		
10 PERCENT EXCEEDS	351			536			375		
50 PERCENT EXCEEDS	151			193			160		
90 PERCENT EXCEEDS	94			101			98		

* From rating curve extended above 5,000 ft³/s.

SANTEE RIVER BASIN

217

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 mi².

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 good except for estimated daily discharges, and the period of Aug 29 - Sep 30, 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	562	338	361	372	577	685	443	1540	368	234	221	136
2	492	466	357	339	535	624	506	1450	432	233	150	184
3	466	542	336	319	995	541	606	825	531	231	159	180
4	464	369	361	315	3570	486	1450	740	543	221	166	156
5	463	340	557	308	4060	484	1120	642	527	205	92	239
6	410	327	399	309	1470	483	690	619	718	186	197	206
7	50	281	335	308	912	488	626	698	569	174	163	186
8	122	279	336	1030	770	1870	572	1060	471	e180	90	179
9	475	279	353	3060	683	4650	1970	722	386	e210	174	136
10	472	268	358	1310	566	3130	3510	634	313	217	240	68
11	445	261	415	656	595	1190	1110	1150	330	236	250	91
12	423	252	380	539	595	868	776	725	522	174	244	153
13	420	293	349	480	583	759	669	586	401	93	224	206
14	415	500	319	442	518	688	629	626	286	178	227	137
15	421	641	307	489	495	640	680	592	285	191	238	69
16	424	408	303	1170	534	626	534	441	281	89	481	142
17	421	341	285	1330	1210	608	4160	322	292	143	731	144
18	422	314	283	824	1610	538	3420	496	288	419	504	70
19	429	318	285	827	886	513	1250	503	282	275	386	140
20	468	310	287	839	695	694	1620	389	491	200	285	204
21	554	359	287	616	601	579	1240	334	360	217	81	133
22	533	938	337	561	548	543	920	340	356	198	173	139
23	489	1200	788	993	679	502	1280	340	396	190	242	227
24	469	576	1350	988	936	450	1120	441	371	146	208	219
25	469	495	2470	674	652	474	791	397	300	195	187	e220
26	1020	452	1520	571	610	491	680	335	284	231	231	e180
27	2080	377	744	1030	589	471	635	332	259	320	163	e210
28	2050	286	720	1930	1060	401	599	334	224	296	69	e130
29	613	256	542	1270	---	439	576	336	226	239	130	107
30	423	336	474	720	---	427	697	401	238	218	143	e160
31	349	---	422	577	---	337	---	436	---	217	119	---
TOTAL	17313	12402	16620	25196	27534	25679	34879	18786	11330	6556	6968	4751
MEAN	558	413	536	813	983	828	1163	606	378	211	225	158
MAX	2080	1200	2470	3060	4060	4650	4160	1540	718	419	731	239
MIN	50	252	283	308	495	337	443	322	224	89	69	68
CFSM	2.37	1.75	2.27	3.44	4.17	3.51	4.93	2.57	1.60	.90	.95	.67
IN.	2.73	1.95	2.62	3.97	4.34	4.05	5.50	2.96	1.79	1.03	1.10	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1998, BY WATER YEAR (WY)

	MEAN	249	279	343	468	531	606	486	352	281	245	258	211
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	

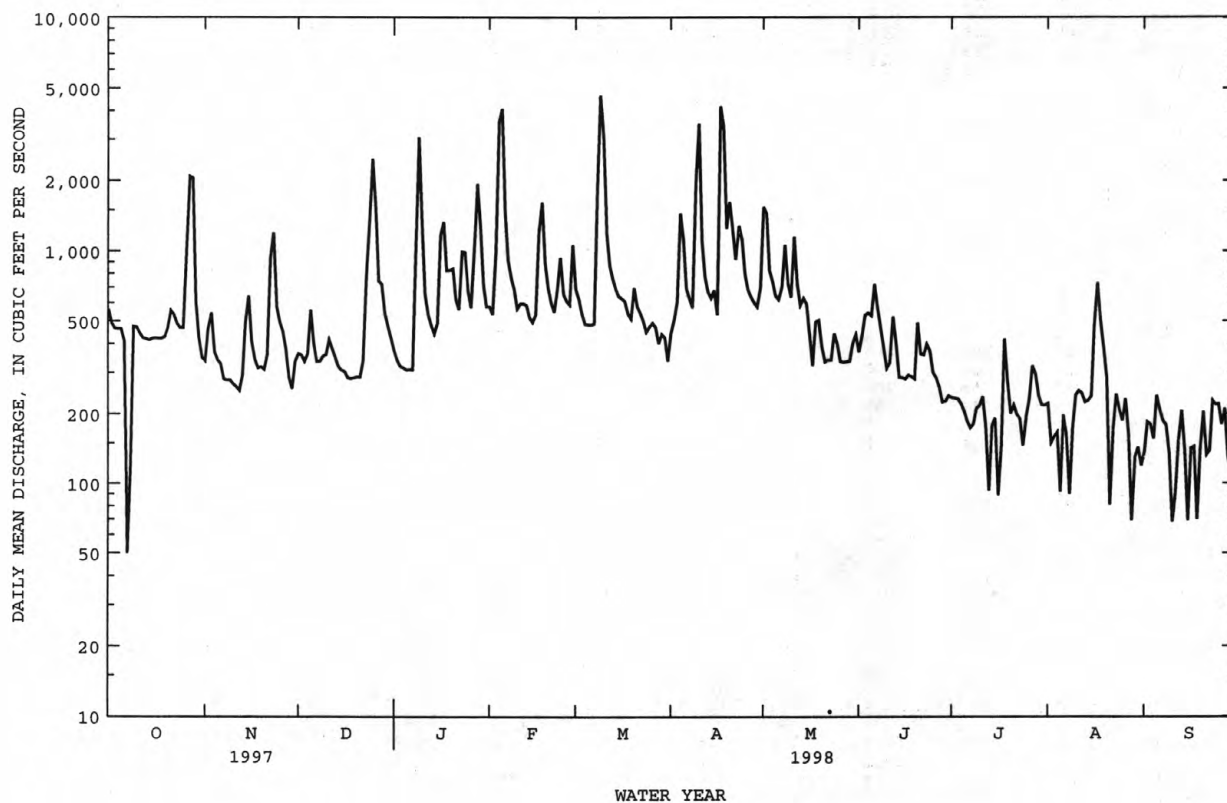
Santee River Basin

02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1939 - 1998	
ANNUAL TOTAL	161667		208014		359	
ANNUAL MEAN	443		570		171	1998
HIGHEST ANNUAL MEAN					570	1941
LOWEST ANNUAL MEAN					171	1941
HIGHEST DAILY MEAN	3620	Mar 2	4650	Mar 9	8800	Mar 7 1963
LOWEST DAILY MEAN	50	Oct 7	50	Oct 7	4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	139	Aug 26	123	Sep 9	20	Oct 15 1951
INSTANTANEOUS PEAK FLOW			6200	Apr 17	* 11000	Sep 14 1973
INSTANTANEOUS PEAK STAGE			15.26	Apr 17	18.71	Aug 28 1995
INSTANTANEOUS LOW FLOW			42	Oct 7	2.7	Jul 6 1967
ANNUAL RUNOFF (CFSM)	1.88		2.41		1.52	
ANNUAL RUNOFF (INCHES)	25.48		32.79		20.66	
10 PERCENT EXCEEDS	707		1080		638	
50 PERCENT EXCEEDS	327		423		263	
90 PERCENT EXCEEDS	205		174		96	

e Estimated

* At site and datum then in use.



Santee River Basin

219

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	29	35	42	57	77	52	163	36	18	17	10
2	15	47	30	40	53	66	52	102	39	17	16	10
3	14	40	30	39	217	59	90	77	41	17	14	19
4	14	32	36	37	378	55	187	69	39	17	14	38
5	14	27	36	37	307	53	118	61	67	17	13	35
6	13	25	33	36	183	52	79	55	83	16	13	24
7	13	25	30	37	95	58	65	64	52	15	14	19
8	13	26	29	155	74	388	59	77	40	15	18	17
9	13	25	31	117	64	445	416	67	38	15	16	18
10	12	23	34	72	59	296	283	63	39	14	22	17
11	14	21	33	55	58	209	184	78	41	13	22	15
12	13	21	31	48	60	101	90	65	39	13	18	15
13	13	32	29	45	55	77	70	55	35	13	16	14
14	13	51	28	42	52	69	70	51	31	12	15	13
15	13	48	27	65	49	65	71	48	30	12	35	12
16	13	37	27	160	57	61	64	46	28	12	72	12
17	13	32	26	140	151	59	873	45	27	12	54	12
18	14	29	26	88	134	58	291	43	26	12	34	11
19	21	27	25	109	87	64	174	40	27	14	26	11
20	28	26	26	93	70	63	199	39	29	35	21	11
21	22	30	25	70	62	58	117	38	29	25	18	13
22	19	168	42	66	59	54	106	37	28	20	16	18
23	17	104	54	118	90	52	121	37	28	18	15	19
24	17	58	242	98	88	53	100	36	26	17	15	16
25	18	43	305	72	69	51	82	36	24	22	14	14
26	119	36	144	60	60	49	71	35	23	24	13	13
27	172	33	85	192	95	49	65	34	22	28	12	12
28	73	31	70	235	102	49	60	34	21	26	12	12
29	42	29	59	118	---	49	57	34	20	22	11	12
30	32	32	53	79	---	48	120	38	19	20	11	17
31	27	---	47	65	---	48	---	41	---	18	11	---
TOTAL	850	1187	1728	2630	2885	2935	4386	1708	1027	549	618	479
MEAN	27.4	39.6	55.7	84.8	103	94.7	146	55.1	34.2	17.7	19.9	16.0
MAX	172	168	305	235	378	445	873	163	83	35	72	38
MIN	12	21	25	36	49	48	52	34	19	12	11	10
CFSM	.93	1.34	1.89	2.88	3.49	3.21	4.96	1.87	1.16	.60	.68	.54
IN.	1.07	1.50	2.18	3.32	3.64	3.70	5.53	2.15	1.30	.69	.78	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1998, BY WATER YEAR (WY)

	MEAN	26.4	32.7	40.3	61.5	56.2	68.7	52.5	40.2	31.0	23.6	24.2	21.9
MAX	62.9	79.0	99.2	99.5	103	137	146	77.8	70.2	66.8	100	121	121
(WY)	1977	1993	1973	1972	1998	1975	1998	1975	1972	1997	1995	1973	1973
MIN	10.5	12.4	16.9	18.8	32.9	28.8	24.5	16.9	11.8	10.1	8.75	8.03	8.03
(WY)	1979	1979	1979	1981	1978	1981	1981	1981	1970	1992	1993	1981	1981

SANTEE RIVER BASIN

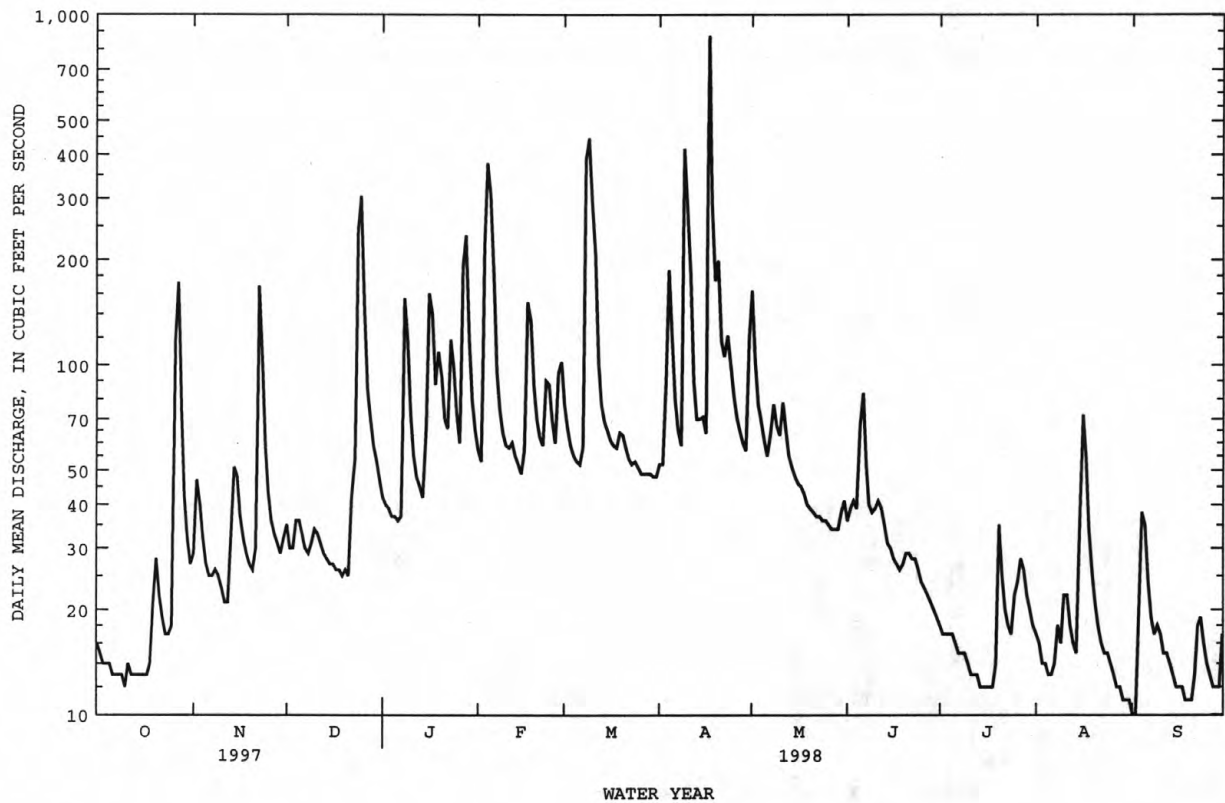
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1967 - 1998	
ANNUAL TOTAL	15342.8		20982		40.2	
ANNUAL MEAN	42.0		57.5		62.2	
HIGHEST ANNUAL MEAN					21.6	
LOWEST ANNUAL MEAN					2520	
HIGHEST DAILY MEAN	627	Jul 24	873	Apr 17	Sep 14 1973	
LOWEST DAILY MEAN	9.4	Sep 23	10 ***	Sep 1	* Sep 29 1981	
ANNUAL SEVEN-DAY MINIMUM	10	Sep 17	11	Aug 27	Sep 24 1981	
INSTANTANEOUS PEAK FLOW			1890	Apr 17	4100 Sep 14 1973	
INSTANTANEOUS PEAK STAGE			6.40	Apr 17	** 9.86 Sep 14 1973	
ANNUAL RUNOFF (CFSM)	1.42		1.95		1.36	
ANNUAL RUNOFF (INCHES)	19.35		26.46		18.52	
10 PERCENT EXCEEDS	68		117		62	
50 PERCENT EXCEEDS	31		36		28	
90 PERCENT EXCEEDS	14		13		13	

* Also occurred on Sept. 30, 1981.

** At datum then in use.

*** Also occurred on Sept. 2.



Santee River Basin

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02166500 LAKE GREENWOOD NEAR CHAPPELLE, 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 mi².

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 ft³ 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 ft³. 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, 440.02 ft, Apr. 20; minimum elevation, 436.01 ft, Feb. 26.

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	437.00	437.37	437.09	437.14	437.69	436.54	438.10	439.66	439.03	439.17	439.13	439.03
2	437.05	437.00	437.05	436.75	437.36	436.61	438.18	439.78	439.07	439.09	439.15	438.92
3	436.99	436.97	437.02	436.64	438.10	436.56	438.84	439.64	439.15	439.11	439.16	438.95
4	436.95	436.96	437.04	436.61	439.82	436.56	439.18	439.60	439.17	439.21	439.14	438.67
5	436.93	437.00	437.08	436.58	439.70	436.70	439.16	439.42	439.05	439.19	439.06	438.60
6	436.95	437.02	437.04	436.48	439.89	436.82	438.97	439.18	439.09	439.19	439.02	438.59
7	436.95	436.97	437.00	436.26	439.80	436.84	438.72	439.48	439.21	439.18	439.20	438.56
8	436.92	437.00	436.97	436.82	439.66	438.49	438.68	439.74	439.14	439.17	439.08	438.47
9	436.90	437.06	436.94	437.98	439.43	439.70	439.89	439.53	439.12	439.20	439.07	438.44
10	436.91	437.03	436.98	438.85	439.12	439.60	439.75	439.32	439.11	439.21	439.15	438.30
11	436.93	436.96	437.03	438.72	438.83	439.87	439.67	439.21	439.09	439.17	439.19	438.27
12	436.91	437.01	437.00	438.39	438.48	439.86	439.49	438.98	439.07	439.14	439.15	438.23
13	436.90	437.02	437.10	438.03	438.14	439.73	439.17	439.02	439.06	439.11	439.09	438.22
14	436.90	436.97	437.08	437.60	437.77	439.56	438.98	439.07	439.11	439.14	439.16	438.11
15	436.88	436.86	437.03	437.25	437.33	439.33	438.94	439.03	439.13	439.17	439.17	437.95
16	436.89	436.84	437.03	437.29	436.97	439.07	439.06	439.03	439.03	439.22	439.31	437.82
17	436.86	436.92	437.06	437.46	437.05	438.79	439.83	439.08	439.06	439.13	439.36	437.78
18	436.88	436.98	437.05	437.37	437.46	438.66	439.72	439.02	439.03	439.18	439.14	437.76
19	436.93	437.06	437.01	437.37	437.47	438.67	439.93	439.03	439.12	439.20	439.09	437.72
20	436.97	437.02	437.08	437.21	437.29	438.53	439.87	439.04	439.14	439.15	439.12	437.67
21	437.01	437.04	437.07	436.92	437.00	438.24	439.79	439.11	439.20	439.04	439.13	437.62
22	437.01	437.35	437.05	436.72	436.72	437.94	439.80	439.05	439.25	439.06	439.11	437.57
23	437.00	437.28	437.03	436.72	436.60	437.69	439.88	439.09	439.13	439.11	439.08	437.44
24	437.00	437.06	438.15	436.78	436.48	437.78	439.70	439.00	439.09	439.16	439.09	437.41
25	437.03	437.08	439.10	436.58	436.21	437.88	439.60	438.96	439.15	439.15	439.08	437.35
26	437.43	437.04	439.29	436.67	436.10	437.85	439.37	439.03	439.10	439.22	439.10	437.22
27	438.29	437.06	439.17	437.69	436.32	437.91	439.16	439.11	439.05	439.20	439.10	437.16
28	438.94	437.07	438.86	438.27	436.50	438.04	439.04	439.12	439.02	439.16	439.07	437.15
29	438.74	437.03	438.54	438.44	---	438.08	439.00	439.02	439.08	439.22	439.04	437.09
30	438.34	437.05	438.12	438.31	---	438.18	439.27	439.12	439.17	439.15	439.02	437.03
31	437.89	---	437.60	438.04	---	438.16	---	439.16	---	439.16	439.08	---
MAX	438.94	437.37	439.29	438.85	439.89	439.87	439.93	439.78	439.25	439.22	439.36	439.03
MIN	436.86	436.84	436.94	436.26	436.10	436.54	438.10	438.96	439.02	439.04	439.02	437.03
(+)	6.67	6.29	6.54	6.74	6.05	6.79	7.30	7.25	7.26	7.25	7.22	6.28
(*)	+142	-147	+93.3	+74.7	-285	+276	+197	-18.7	+3.86	-3.73	-11.2	-363

CAL YR 1997 * +7.61 MAX 439.94 MIN 434.66
WTR YR 1998 * -0.32 MAX 439.93 MIN 436.10

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, 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 mi².

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 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	1010	4100	1050	4000	4220	2910	2820	5010	2320	669	508	e350
2	481	3440	1270	3480	4200	2340	1940	5560	2050	969	482	1360
3	791	1780	1250	1950	4620	2650	2320	5200	1580	469	477	3410
4	481	1530	1240	1360	9340	2320	5790	4550	2000	451	475	4220
5	460	796	1310	1300	15700	1530	5030	4220	3250	697	682	1590
6	446	960	1730	1880	8490	1480	4210	4170	2080	805	649	961
7	439	1220	1390	2710	5710	2930	3950	4480	1030	796	571	746
8	440	733	1360	3670	4650	4860	3440	7050	1860	791	1320	983
9	439	491	1270	4520	4610	12500	5040	6270	1390	496	978	721
10	441	1090	1010	4440	4590	13300	10300	4790	1820	779	516	1070
11	449	1260	986	4430	4550	6520	5780	4660	2090	691	476	564
12	463	705	1140	4400	4530	4390	4440	4560	1820	861	972	598
13	469	1710	743	4390	4490	4350	4350	2500	1810	461	941	605
14	467	2770	1210	4370	4470	4280	4300	2050	909	454	470	975
15	485	2900	1120	4380	4450	4190	2880	2650	930	461	968	1150
16	503	1370	811	4700	4430	4180	1900	2270	1580	460	1180	979
17	485	515	925	4670	4590	4220	7830	1740	1210	1210	2140	532
18	476	511	927	4460	4610	4260	12800	2300	1240	482	2550	525
19	477	503	1040	4590	4530	5120	6270	2080	1030	976	1180	548
20	480	1020	505	4590	4480	4800	7320	1620	1240	914	466	567
21	484	1260	962	4440	4450	4410	7310	1400	1200	1150	472	949
22	786	2030	1900	4400	4420	4350	5120	1890	1170	505	739	1040
23	489	3660	2140	5280	4560	4030	4950	1380	1800	511	754	1510
24	467	3050	3920	4890	4460	2000	5950	2270	1620	818	493	559
25	457	1320	6820	4490	4440	1860	4620	1780	1230	499	492	969
26	2910	1290	5560	2440	3320	2380	4580	1320	1220	493	479	1180
27	4000	1010	4730	3470	2150	1930	4200	802	1220	1110	474	712
28	4390	1020	4640	5530	2920	1510	3430	1300	1070	996	494	496
29	4100	1270	4520	4690	---	1890	2760	2210	470	470	461	785
30	4110	1020	4450	4240	---	1510	3520	1380	473	1010	461	984
31	4050	---	4370	4220	---	1850	---	1710	---	837	e300	---
MEAN	1175	1544	2139	3948	5071	3898	4972	3070	1490	719	762	1055
MAX	4390	4100	6820	5530	15700	13300	12800	7050	3250	1210	2550	4220
MIN	439	491	505	1300	2150	1480	1900	802	470	451	300	350
MED	481	1260	1270	4400	4510	4030	4510	2270	1320	697	508	955

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1998, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MEAN	1137	1261	2046	3264	3943	3568	3407	2467	1501	1064	781	946
MAX	1175	1544	2139	3948	5071	3898	4972	3070	1512	1410	799	1055
(WY)	1998	1999	1998	1998	1998	1998	1998	1998	1997	1997	1997	1998
MIN	1098	977	1953	2581	2816	3237	1843	1864	1490	719	762	838
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1998	1998	1998	1997

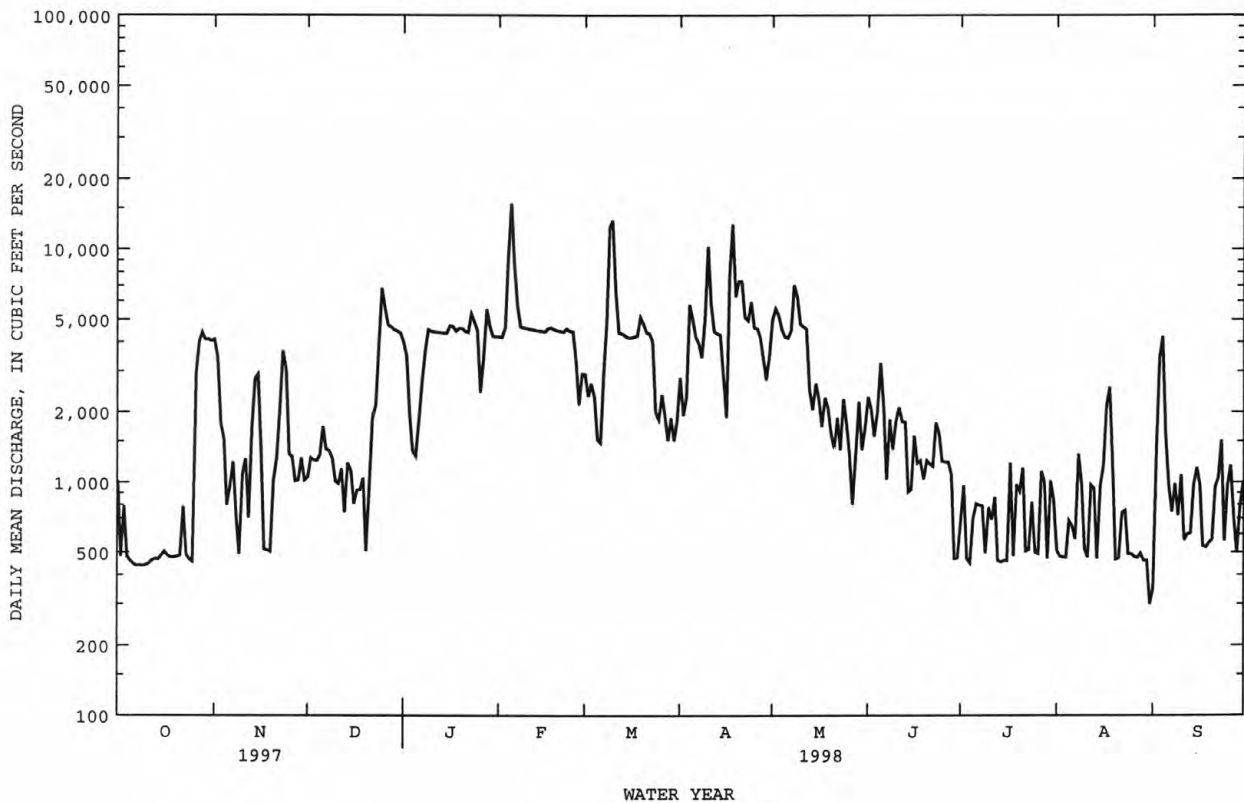
SANTEE RIVER BASIN

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02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1997 - 1998	
ANNUAL MEAN	1809		2468		2104	
HIGHEST ANNUAL MEAN					2468	
LOWEST ANNUAL MEAN					1740	
HIGHEST DAILY MEAN	9040	Mar 2	15700	Feb 5	15700	Feb 5 1998
LOWEST DAILY MEAN	264	Apr 2	300	Aug 31	264	Apr 2 1997
ANNUAL SEVEN-DAY MINIMUM	445	Oct 5	431	Aug 26	431	Aug 26 1998
INSTANTANEOUS PEAK FLOW			18400	Feb 5	Unknown	Aug 28 1995
INSTANTANEOUS PEAK STAGE			28.46	Feb 5	32.89	Aug 28 1995
10 PERCENT EXCEEDS	4020		4690		4520	
50 PERCENT EXCEEDS	1270		1580		1360	
90 PERCENT EXCEEDS	489		481		500	

e Estimated



Santee River Basin

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.57	3.7	12	11	13	14	10	54	3.3	1.8	1.2	.18
2	.52	7.0	8.3	10	12	12	9.3	18	4.0	1.7	1.1	.36
3	.49	5.3	7.0	9.8	282	10	194	14	4.3	1.7	.95	110
4	.50	4.2	7.5	9.5	647	9.6	434	16	6.4	1.6	.85	130
5	.51	3.9	6.6	8.7	281	9.4	37	11	11	3.2	.77	9.1
6	.50	3.8	5.2	8.9	36	10	21	9.2	6.7	2.1	.70	4.5
7	.48	4.1	5.4	9.3	23	52	16	14	5.3	1.4	1.3	3.2
8	.48	5.0	5.9	46	18	480	17	232	4.8	1.3	17	2.6
9	.48	5.7	7.8	21	15	527	268	24	5.3	1.3	4.2	2.4
10	.60	6.3	9.5	12	13	46	36	12	6.4	1.3	2.1	2.2
11	.75	6.9	9.8	9.8	12	24	20	10	7.2	1.1	1.6	2.0
12	.88	7.5	8.5	8.9	12	19	15	7.5	5.6	1.1	1.4	1.7
13	1.1	23	8.0	9.0	11	17	13	6.3	5.1	1.1	1.2	1.6
14	1.5	361	7.5	8.7	10	16	21	5.7	4.6	1.1	1.3	1.3
15	2.0	18	7.0	45	9.5	15	20	5.2	5.4	1.0	1.7	1.2
16	3.3	7.7	7.0	106	11	13	15	4.9	5.1	1.1	1.8	1.1
17	2.0	5.5	6.9	36	68	12	13	4.8	5.4	1.4	2.8	1.1
18	2.3	4.8	6.8	18	29	14	13	4.5	5.8	1.6	1.6	1.1
19	2.8	5.1	6.3	96	17	176	13	4.2	6.9	1.3	1.1	1.0
20	2.9	4.3	6.8	31	14	33	14	3.9	7.9	1.2	.98	1.0
21	2.5	5.7	6.9	18	11	21	11	3.6	7.8	1.1	.88	.94
22	2.7	11	43	44	14	17	14	3.3	7.4	1.1	.73	.95
23	2.9	7.4	17	313	91	15	13	3.3	5.2	1.1	.63	.89
24	2.9	5.6	399	39	28	14	11	3.2	5.1	1.3	.52	.83
25	3.6	5.1	239	21	17	13	9.1	3.3	5.1	2.3	.49	.73
26	148	5.2	28	16	14	12	8.1	3.0	4.5	1.5	.46	.64
27	28	5.3	33	378	29	12	7.6	2.9	4.0	1.5	.31	.57
28	5.1	5.2	24	102	21	11	7.1	3.0	2.7	1.7	.26	.53
29	3.1	5.1	25	27	---	10	7.1	3.0	2.3	1.5	.19	.60
30	2.5	8.8	25	19	---	9.9	97	3.0	1.9	1.4	.64	.70
31	2.3	---	15	15	---	9.6	---	3.3	---	1.2	.42	---
TOTAL	228.26	557.2	1004.7	1506.6	1758.5	1653.5	1384.3	496.1	162.5	45.1	51.18	285.02
MEAN	7.36	18.6	32.4	48.6	62.8	53.3	46.1	16.0	5.42	1.45	1.65	9.50
MAX	148	361	399	378	647	527	434	232	11	3.2	17	130
MIN	.48	3.7	5.2	8.7	9.5	9.4	7.1	2.9	1.9	1.0	.19	.18
CFSM	.42	1.07	1.86	2.79	3.61	3.07	2.65	.92	.31	.08	.09	.55
IN.	.49	1.19	2.15	3.22	3.76	3.54	2.96	1.06	.35	.10	.11	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1998, BY WATER YEAR (WY)

	MEAN	8.65	14.0	22.1	36.7	47.6	37.5	17.1	8.40	6.78	4.30	4.51	2.12
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	.24	
(WY)	1988	1988	1989	1981	1986	1985	1985	1981	1988	1993	1993	1983	

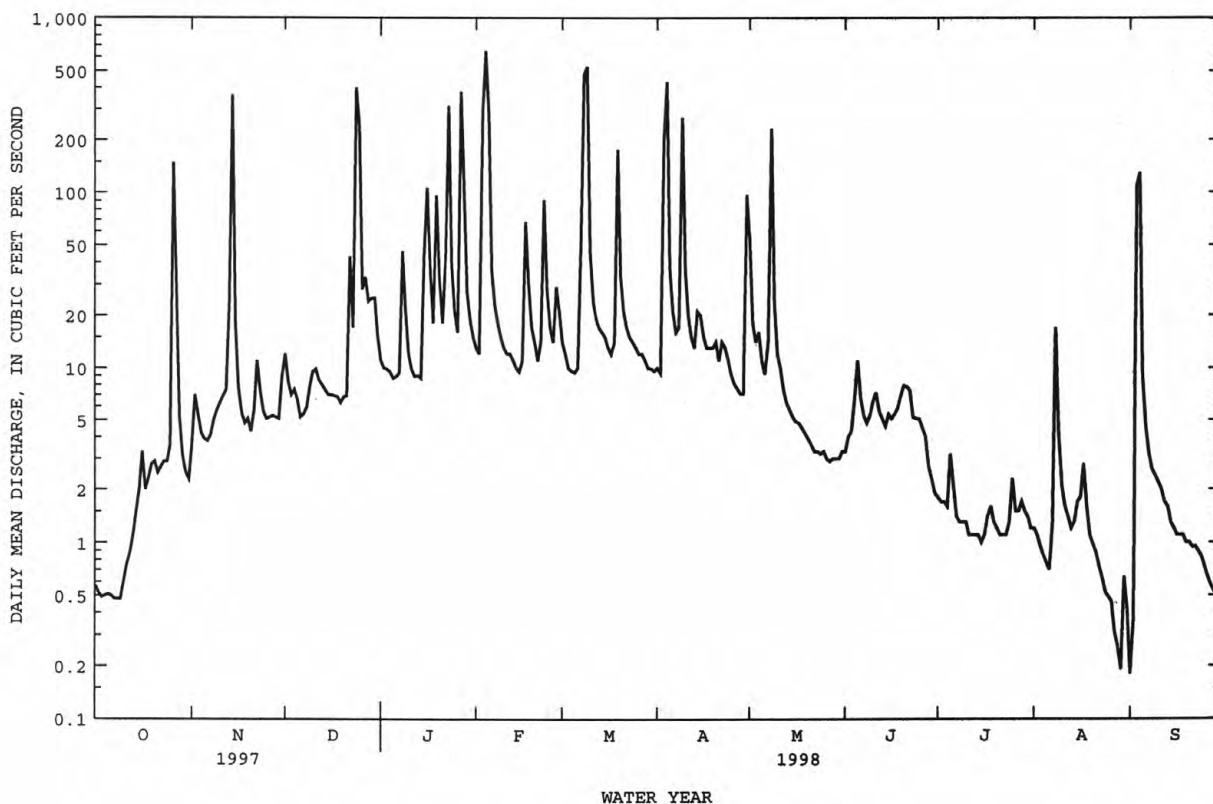
SANTEE RIVER BASIN

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02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1981 - 1998
ANNUAL TOTAL	7462.70	9132.96	
ANNUAL MEAN	20.4	25.0	17.3
HIGHEST ANNUAL MEAN			26.9
LOWEST ANNUAL MEAN			4.52
HIGHEST DAILY MEAN	489 Jan 9	647 Feb 4	810 Jan 4 1982
LOWEST DAILY MEAN	.13 Sep 9	.18 Sep 1	.05 Oct 19 1987
ANNUAL SEVEN-DAY MINIMUM	.16 Sep 4	.34 Aug 27	.07 Oct 4 1987
INSTANTANEOUS PEAK FLOW		978 Mar 9	1020 Feb 3 1996
INSTANTANEOUS PEAK STAGE		10.27 Mar 9	* 15.35 Jun 29 1994
INSTANTANEOUS LOW FLOW		.14 Sep 2	.13 Sep 21 1997
ANNUAL RUNOFF (CFSM)	1.18	1.44	1.00
ANNUAL RUNOFF (INCHES)	15.95	19.53	13.54
10 PERCENT EXCEEDS	24	34	23
50 PERCENT EXCEEDS	5.3	6.4	4.1
90 PERCENT EXCEEDS	.48	.92	.57

* From floodmarks.



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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1140	4000	1030	4140	4280	2850	2670	5150	1990	635	604	405
2	576	3560	1320	3470	4250	2210	2060	5450	1980	1090	581	1430
3	827	1940	1290	2170	4920	2620	2200	5560	1510	579	569	3350
4	580	1480	1270	1380	8370	2480	6390	4520	1820	541	563	5500
5	551	986	1330	1320	19000	1730	5550	4210	2800	749	671	2060
6	531	889	1700	1690	10700	1310	4340	4130	2460	853	795	1060
7	519	1230	1400	2620	6260	2820	4020	4390	997	852	574	835
8	518	915	1400	3490	4700	5360	3330	7180	1770	843	1350	992
9	517	595	1300	4630	4580	11200	4820	7010	1400	599	1170	806
10	521	972	1200	4450	4530	16100	9820	4870	1620	825	646	1080
11	525	1290	978	4410	4500	8750	6780	4570	2130	759	599	667
12	544	893	1290	4380	4480	4600	4510	4480	1760	898	889	685
13	550	1550	842	4360	4450	4410	4360	2930	1730	561	1070	691
14	551	3430	1280	4350	4430	4330	4280	1790	1140	538	569	916
15	569	3080	1180	4400	4410	4220	3350	2490	866	549	882	1140
16	592	1780	893	5000	4400	4170	1680	2400	1540	547	1180	1080
17	583	666	990	4920	4710	4200	4940	1700	1230	1220	1860	639
18	569	645	1000	4540	4720	4260	14700	2220	1230	586	2440	620
19	569	635	1080	4790	4560	5340	8120	1920	1070	910	1500	634
20	578	954	635	4800	4480	5190	6780	1610	1300	927	561	654
21	579	1290	999	4520	4430	4520	7940	1370	1250	1240	563	876
22	829	1830	1620	4450	4410	4380	5430	1790	1200	617	793	1140
23	588	3330	2350	5270	4730	4190	4760	1340	1570	596	811	1420
24	567	3390	3790	5770	4620	2050	6150	1960	1760	856	585	668
25	544	1370	7220	4620	4450	1990	4600	1880	1240	609	579	905
26	2420	1320	6030	2770	3740	2110	4430	1290	1230	594	570	1170
27	4160	1160	4800	3990	2020	2060	4180	943	1220	999	562	880
28	4390	973	4640	6140	2940	1480	3540	1010	1190	1110	575	598
29	4000	1290	4520	5210	---	1820	2680	2260	588	567	544	839
30	3980	1180	4520	4410	---	1470	3240	1330	569	893	543	915
31	3910	---	4400	4290	---	1610	---	1610	---	967	340	---
TOTAL	37877	48623	68297	126750	148070	125830	151650	95363	44160	24109	25538	34655
MEAN	1222	1621	2203	4089	5288	4059	5055	3076	1472	778	824	1155
MAX	4390	4000	7220	6140	19000	16100	14700	7180	2800	1240	2440	5500
MIN	517	595	635	1320	2020	1310	1680	943	569	538	340	405
CFSM	.90	1.19	1.62	3.01	3.89	2.98	3.72	2.26	1.08	.57	.61	.85
IN.	1.04	1.33	1.87	3.47	4.05	3.44	4.15	2.61	1.21	.66	.70	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 1998, BY WATER YEAR (WY)

MEAN	1496	1437	1913	2624	2707	3002	2601	1818	1498	1256	1419	1311
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	366
(WY)	1955	1954	1956	1956	1941	1988	1986	1940	1940	1940	1988	1954

SANTEE RIVER BASIN

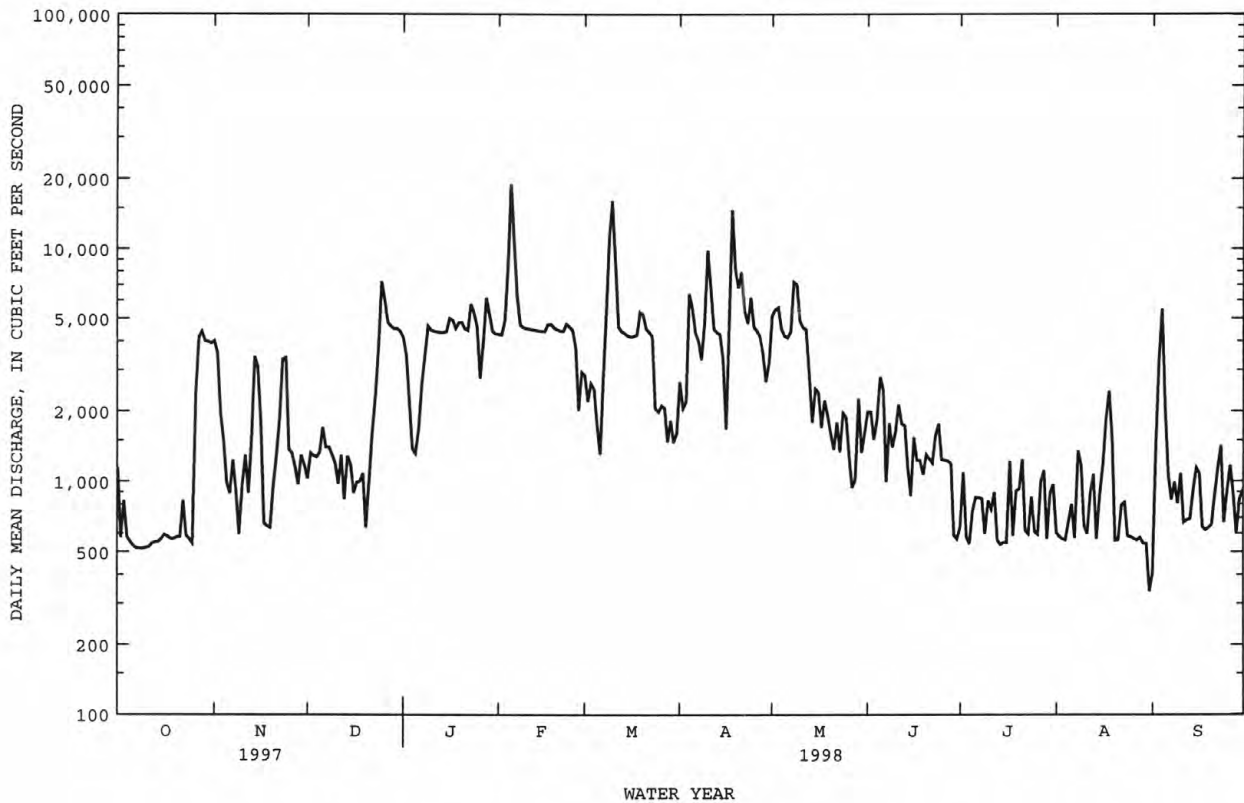
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02167000 SALUDA RIVER AT CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1927 - 1998	
ANNUAL TOTAL	679069		930922		1920	
ANNUAL MEAN	1860		2550		732	
HIGHEST ANNUAL MEAN					3110	
LOWEST ANNUAL MEAN					1929	
HIGHEST DAILY MEAN	8270	Mar 3	19000	Feb 5	56700	Oct 3 1929
LOWEST DAILY MEAN	320	May 13	340	Aug 31	8.0	Oct 29 1939
ANNUAL SEVEN-DAY MINIMUM	525	Oct 6	506	Aug 26	23	Jun 29 1940
INSTANTANEOUS PEAK FLOW			21700	Feb 5	* 63700	Oct 2 1929
INSTANTANEOUS PEAK STAGE			22.96	Feb 5	* 32.50	Oct 2 1929
INSTANTANEOUS LOW FLOW			77	Aug 31	** 8.0	Oct 29 1939
ANNUAL RUNOFF (CFSM)	1.37		1.88		1.41	
ANNUAL RUNOFF (INCHES)	18.57		25.46		19.18	
10 PERCENT EXCEEDS	4030		4890		3870	
50 PERCENT EXCEEDS	1310		1570		1410	
90 PERCENT EXCEEDS	578		577		508	

* Present datum, from rating curve extended above 27,000 ft³/s on basis of velocity-area studies.

** Caused by construction work upstream of the station.



SANTÉE RIVER BASIN

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, SC.

DRAINAGE AREA.--230 mi², 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	90	141	212	266	246	176	748	102	59	57	40
2	50	111	129	186	233	210	191	798	103	58	50	37
3	48	106	114	173	439	189	322	356	129	57	43	105
4	48	91	114	165	2270	175	1570	342	112	56	40	567
5	50	83	136	156	4980	168	1650	352	136	56	38	240
6	47	80	120	151	2570	165	425	241	191	55	36	116
7	45	80	110	152	666	194	303	278	137	53	35	87
8	45	87	105	318	383	1010	257	1200	111	52	129	73
9	44	87	110	402	309	4180	1080	767	103	53	79	70
10	44	82	128	237	264	3900	2420	341	129	54	85	71
11	45	80	172	187	239	1210	1260	352	263	49	81	59
12	45	80	150	165	230	419	384	268	149	47	57	57
13	45	117	129	157	212	319	293	218	116	46	51	56
14	46	537	120	151	196	273	304	197	102	44	79	56
15	48	307	114	158	184	244	411	182	96	43	110	54
16	52	176	108	453	187	222	299	174	91	44	88	52
17	49	135	106	707	356	209	415	163	90	46	119	50
18	49	120	104	412	485	204	2170	157	89	70	133	49
19	58	112	101	452	386	613	2440	146	89	54	80	49
20	74	107	99	697	274	1300	911	138	97	56	64	49
21	62	109	99	382	229	482	558	133	92	56	57	49
22	56	290	123	280	206	318	410	127	84	49	53	53
23	55	306	256	850	356	263	380	123	81	47	50	69
24	55	183	560	913	438	239	321	122	79	49	48	83
25	56	143	2320	423	287	226	271	122	74	52	46	57
26	220	127	2410	295	235	209	236	118	71	58	44	51
27	571	120	768	858	248	200	212	112	69	74	42	49
28	303	113	432	2830	310	193	197	107	67	64	40	47
29	138	109	330	2180	---	189	188	105	64	58	38	48
30	105	117	352	521	---	181	284	104	61	51	36	55
31	92	---	264	329	---	174	---	104	---	48	37	---
TOTAL	2700	4285	10324	15552	17438	18124	20338	8695	3177	1658	1945	2498
MEAN	87.1	143	333	502	623	585	678	280	106	53.5	62.7	83.3
MAX	571	537	2410	2830	4980	4180	2440	1200	263	74	133	567
MIN	44	80	99	151	184	165	176	104	61	43	35	37
CFSM	.38	.62	1.45	2.18	2.71	2.54	2.95	1.22	.46	.23	.27	.36
IN.	.44	.69	1.67	2.52	2.82	2.93	3.29	1.41	.51	.27	.31	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	150	214	244	382	488	489	258	166	156
MAX	369	572	592	658	714	906	678	316	619
(WY)	1991	1992	1993	1994	1995	1996	1997	1998	1999
MIN	42.0	59.2	75.5	88.1	204	283	118	68.1	74.1
(WY)	1992	1993	1994	1995	1996	1997	1998	1999	2000

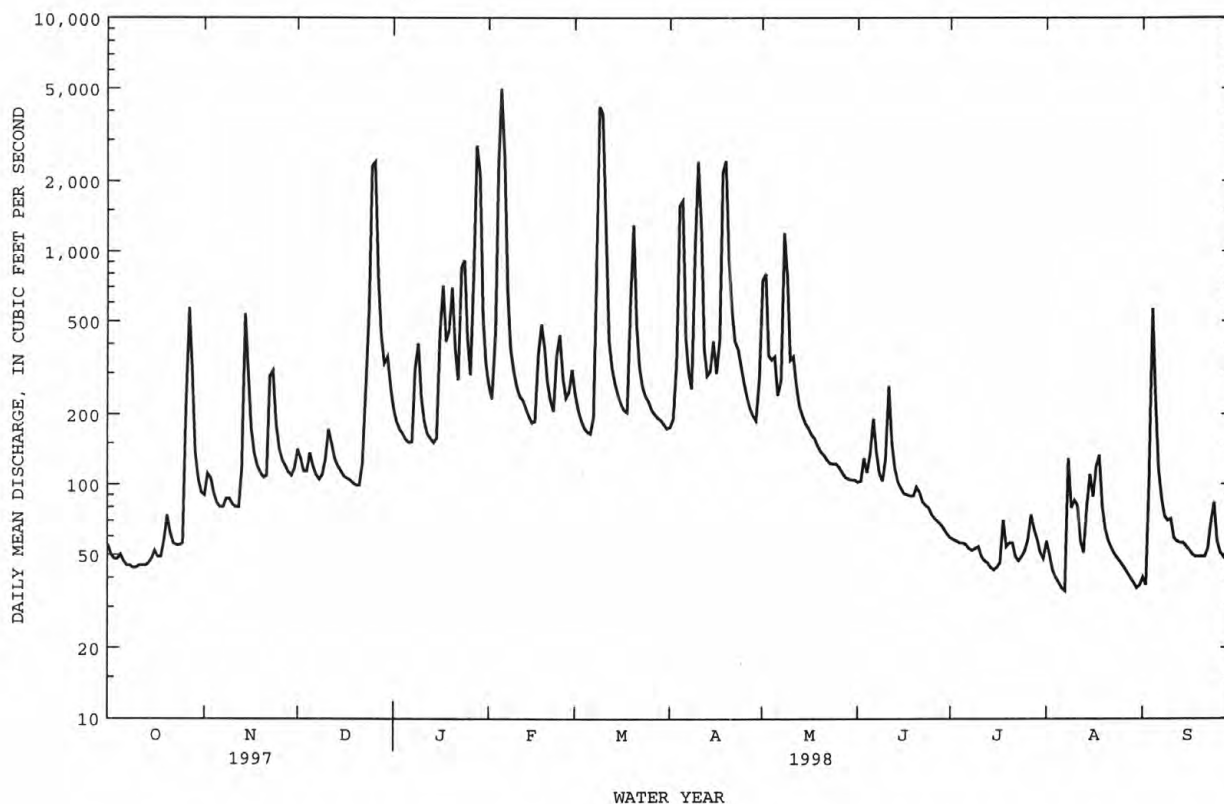
SANTEE RIVER BASIN

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02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1990 - 1998	
ANNUAL TOTAL	85255		106734		237	
ANNUAL MEAN	234		292		304	1993
HIGHEST ANNUAL MEAN					102	1992
LOWEST ANNUAL MEAN					5600	Feb 3 1996
HIGHEST DAILY MEAN	3320	Feb 15	4980	Feb 5	11	Aug 21 1990
LOWEST DAILY MEAN	31	* Sep 22	35	Aug 7	14	Aug 15 1990
ANNUAL SEVEN-DAY MINIMUM	35	Sep 18	39	Aug 27	8400	Jun 5 1994
INSTANTANEOUS PEAK FLOW			5860	Mar 9	15.60	Jun 5 1994
INSTANTANEOUS PEAK STAGE			14.51	Mar 9	11	Aug 21 1990
INSTANTANEOUS LOW FLOW			33	Aug 7	1.03	
ANNUAL RUNOFF (CFSM)	1.02		1.27		14.02	
ANNUAL RUNOFF (INCHES)	13.79		17.26		388	
10 PERCENT EXCEEDS	384		545		114	
50 PERCENT EXCEEDS	120		123		42	
90 PERCENT EXCEEDS	48		48			

* Also occurred on Sept. 23.



SANTEE RIVER BASIN

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.--16.1 mi².

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 ft³/s, 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	5.1	7.8	13	13	17	15	8.8	95	3.5	3.1	5.9	2.9
2	5.0	9.5	9.5	12	16	14	8.7	32	8.3	3.1	5.8	2.8
3	4.8	7.8	7.9	11	199	13	151	15	8.6	3.0	4.3	30
4	4.4	7.6	12	11	413	12	182	28	5.1	3.1	3.8	e150
5	4.3	7.1	12	11	208	12	35	14	26	3.0	3.8	e25
6	4.2	7.4	8.3	11	43	12	18	8.6	17	3.2	4.3	e10
7	4.1	9.8	7.0	13	29	20	13	13	5.7	3.2	5.4	e4.0
8	4.2	12	6.8	65	23	311	12	91	3.9	3.1	4.8	e4.0
9	4.0	9.7	9.1	33	19	424	401	22	3.8	3.2	4.9	8.6
10	4.6	9.4	18	18	16	48	53	12	7.5	3.6	5.1	5.4
11	4.9	9.0	20	13	15	27	25	18	6.0	3.7	4.7	3.4
12	5.5	11	10	11	15	17	15	9.4	4.4	3.9	4.8	3.0
13	5.9	30	8.3	11	14	14	11	7.1	3.4	3.5	8.8	2.9
14	5.6	41	7.7	9.9	13	12	27	6.5	3.0	3.3	17	2.7
15	5.4	18	7.4	17	12	11	26	5.9	3.1	3.0	7.7	2.6
16	5.3	9.6	6.7	71	18	11	14	5.5	4.1	2.9	9.6	2.6
17	5.9	7.7	6.9	52	60	9.7	358	5.7	4.7	3.1	38	2.7
18	6.1	6.9	6.7	22	46	14	132	5.0	4.1	3.3	7.4	2.8
19	11	6.3	6.8	88	25	222	64	4.4	4.2	5.2	4.4	2.5
20	7.9	6.1	6.7	40	17	41	51	4.0	3.9	10	3.4	2.5
21	6.1	14	6.7	21	15	24	28	3.9	4.1	6.6	2.8	2.8
22	5.9	46	27	21	14	17	29	3.9	3.9	4.5	2.3	3.1
23	5.5	19	27	120	47	13	24	3.8	4.7	4.0	2.1	3.3
24	5.8	9.7	257	36	29	12	17	3.7	4.6	3.5	2.1	2.9
25	6.8	9.2	190	21	19	10	14	3.8	3.8	6.9	2.1	2.7
26	81	7.3	38	15	15	9.2	9.7	3.7	3.6	16	2.1	2.5
27	40	6.7	33	350	24	9.3	8.5	3.6	3.7	6.2	2.1	2.5
28	8.8	6.4	28	137	21	8.7	8.2	3.3	3.5	4.8	1.9	2.4
29	5.8	6.2	24	33	---	8.4	7.3	3.2	3.4	4.2	1.9	2.5
30	4.9	11	27	25	---	8.1	53	3.2	3.4	3.8	1.9	2.7
31	5.0	---	18	20	---	7.7	---	3.3	---	4.5	2.6	---
TOTAL	283.8	369.2	866.5	1331.9	1402	1387.1	1804.2	441.5	169.0	138.5	177.8	297.8
MEAN	9.15	12.3	28.0	43.0	50.1	44.7	60.1	14.2	5.63	4.47	5.74	9.93
MAX	81	46	257	350	413	424	401	95	26	16	38	150
MIN	4.0	6.1	6.7	9.9	12	7.7	7.3	3.2	3.0	2.9	1.9	2.4
CFM	.82	1.11	2.52	3.87	4.51	4.03	5.42	1.28	.51	.40	.52	.89
IN.	.95	1.24	2.90	4.46	4.70	4.65	6.05	1.48	.57	.46	.60	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1998, BY WATER YEAR (WY)

	1995	1996	1997	1998
MEAN	16.6	18.4	18.0	31.3
MAX	22.8	31.2	28.0	43.0
(WY)	1997	1996	1998	1998
MIN	9.15	11.7	11.4	24.0
(WY)	1998	1997	1996	1997

SANTEE RIVER BASIN

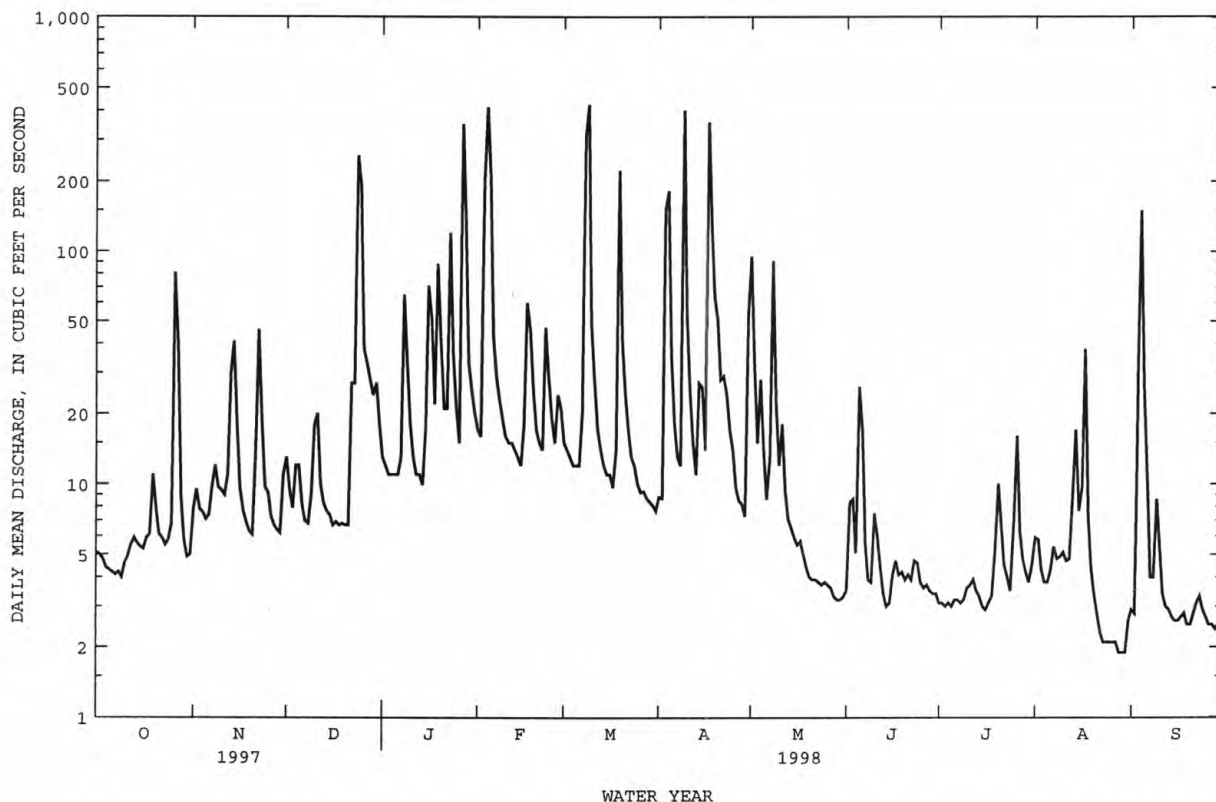
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02167557 BUSH RIVER AT JOANNA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1995 - 1998
ANNUAL TOTAL	6251.6	8669.3	
ANNUAL MEAN	17.1	23.8	19.8
HIGHEST ANNUAL MEAN			23.8
LOWEST ANNUAL MEAN			17.1
HIGHEST DAILY MEAN	279 Apr 28	424 Mar 9	424 Mar 9 1998
LOWEST DAILY MEAN	3.0 Jul 22	1.9 * Aug 28	1.9 * Aug 28 1998
ANNUAL SEVEN-DAY MINIMUM	3.2 Jul 16	2.0 Aug 24	2.0 Aug 24 1998
INSTANTANEOUS PEAK FLOW		880 Apr 9	1160 Feb 2 1996
INSTANTANEOUS PEAK STAGE		7.65 Apr 9	8.09 Feb 2 1996
ANNUAL RUNOFF (CFSM)	1.54	2.14	1.78
ANNUAL RUNOFF (INCHES)	20.95	29.05	24.18
10 PERCENT EXCEEDS	28	40	30
50 PERCENT EXCEEDS	8.0	8.3	8.7
90 PERCENT EXCEEDS	4.4	3.1	3.5

e Estimated

* Also occurred on Aug. 29, 30.



SANTEE RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	44	77	104	128	127	83	370	47	24	53	18
2	27	60	73	95	115	106	86	248	65	22	24	20
3	27	48	66	90	889	97	322	150	57	22	21	671
4	25	41	62	86	2570	92	834	134	54	21	22	1410
5	24	38	61	83	2910	89	585	111	109	21	20	292
6	24	36	60	85	1020	89	204	97	77	20	19	145
7	24	38	57	90	329	136	120	142	73	20	18	74
8	26	41	54	150	194	1210	106	798	51	21	83	53
9	24	42	63	188	153	2430	728	221	44	33	68	55
10	24	43	72	138	130	1330	844	143	72	23	39	44
11	24	39	78	99	118	411	454	184	60	22	28	44
12	22	38	76	88	114	181	138	117	55	21	25	41
13	24	147	69	85	105	139	108	95	45	20	28	36
14	25	904	62	83	99	123	168	86	37	20	49	34
15	30	219	58	109	92	113	192	85	34	19	75	31
16	41	113	57	367	101	103	137	84	33	21	95	29
17	31	82	55	408	395	99	338	79	33	119	62	29
18	35	71	55	220	245	99	605	74	31	106	59	30
19	54	70	53	403	176	334	635	70	118	37	55	29
20	43	65	52	310	127	315	404	67	89	63	36	30
21	45	65	51	209	108	243	198	64	43	47	28	28
22	44	111	126	163	104	123	195	62	34	35	24	31
23	43	117	121	775	290	106	236	60	32	30	23	62
24	37	91	839	424	224	102	139	56	31	27	21	33
25	39	71	1180	240	150	99	112	53	61	25	21	30
26	409	65	697	142	115	94	100	51	33	26	19	28
27	295	62	313	1170	188	91	90	50	28	49	18	25
28	150	57	208	1370	164	89	86	49	26	43	18	25
29	76	56	155	776	---	87	83	48	23	31	17	27
30	50	72	160	231	---	85	181	114	24	25	15	29
31	42	---	128	155	---	83	---	75	---	25	15	---
TOTAL	1814	2946	5238	8936	11353	8825	8511	4037	1519	1038	1098	3433
MEAN	58.5	98.2	169	288	405	285	284	130	50.6	33.5	35.4	114
MAX	409	904	1180	1370	2910	2430	844	798	118	119	95	1410
MIN	22	36	51	83	92	83	83	48	23	19	15	18
CFSM	.51	.85	1.47	2.51	3.53	2.48	2.47	1.13	.44	.29	.31	1.00
IN.	.59	.95	1.69	2.89	3.67	2.85	2.75	1.31	.49	.34	.36	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	114	110	120	237	265	250	122	72.7	86.0
MAX	294	338	300	407	405	480	284	131	284
(WY)	1991	1993	1995	1995	1998	1993	1998	1991	1994
MIN	24.7	30.3	44.5	50.8	121	120	56.3	35.4	28.4
(WY)	1992	1992	1992	1992	1992	1990	1995	1994	1993

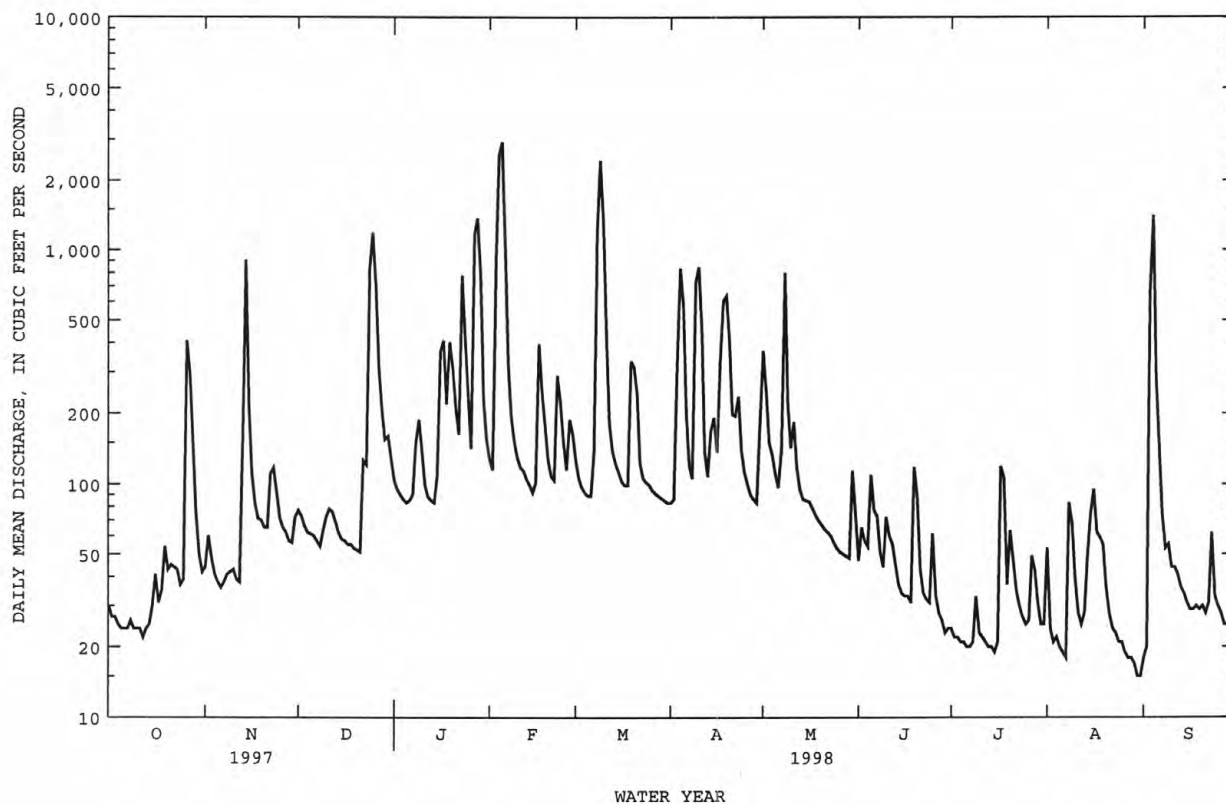
SANTEE RIVER BASIN

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02167582 BUSH RIVER NEAR PROSPERITY, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1990 - 1998	
ANNUAL TOTAL	44023		58748		131	
ANNUAL MEAN	121		161		178	1993
HIGHEST ANNUAL MEAN					60.9	1992
LOWEST ANNUAL MEAN					4330	Jan 15 1995
HIGHEST DAILY MEAN	1770	Feb 15	2910	Feb 5	12	Sep 13 1993
LOWEST DAILY MEAN	13	Sep 22	15	* Aug 30	13	Sep 10 1993
ANNUAL SEVEN-DAY MINIMUM	15	Sep 2	17	Aug 26	5570	Jan 15 1995
INSTANTANEOUS PEAK FLOW			3690	Feb 4	16.06	Jan 15 1995
INSTANTANEOUS PEAK STAGE			14.51	Feb 4	1.14	
ANNUAL RUNOFF (CFSM)	1.05		1.40		15.48	
ANNUAL RUNOFF (INCHES)	14.24		19.00		243	
10 PERCENT EXCEEDS	204		331		54	
50 PERCENT EXCEEDS	65		72		22	
90 PERCENT EXCEEDS	23		24			

* Also occurred on Aug. 31.



SANTEE RIVER BASIN

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 SC Hwy 391 bridge, 3.9 miles north of US 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, SC.

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, June 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, July 8, 9, 23, Aug. 29 - 31, 1993, July 1 - 3, 12, 13, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 35.5 C, June 26 - 29; minimum, 6.5°C, Feb. 6.

DISSOLVED OXYGEN: Maximum, 14.1 mg/L, May 19; minimum, 4.5 mg/L, Sept. 5.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.0	22.0	---	---	---	13.5	11.5	12.5	8.0	7.5	7.5
2	23.0	21.5	22.0	---	---	---	13.5	12.5	13.0	8.0	7.5	7.5
3	22.0	21.0	21.5	---	---	---	13.5	13.0	13.0	8.5	7.5	8.0
4	21.5	20.5	21.5	---	---	---	13.5	12.0	13.0	8.5	8.0	8.0
5	22.5	20.5	22.0	16.5	16.0	16.5	13.0	11.5	12.5	9.5	8.0	8.5
6	23.5	21.5	22.5	16.0	15.5	16.0	12.0	11.0	11.5	10.5	9.0	9.5
7	23.5	22.0	22.5	15.5	14.5	15.0	11.0	10.5	11.0	11.5	10.0	10.5
8	25.5	23.0	24.5	15.0	14.0	14.5	10.5	9.5	10.0	11.5	11.0	11.5
9	25.5	24.5	25.0	15.5	14.0	14.5	9.5	9.0	9.5	12.0	10.5	11.5
10	25.0	24.5	24.5	16.0	14.5	15.0	9.5	9.0	9.5	11.0	10.5	10.5
11	24.5	23.5	24.0	15.5	14.5	15.0	10.5	9.5	10.0	10.5	9.5	10.0
12	24.5	23.5	24.5	15.0	14.5	14.5	10.5	10.0	10.5	10.0	9.5	10.0
13	24.5	23.5	24.0	14.5	13.5	14.0	10.5	10.0	10.0	10.5	9.5	10.0
14	25.0	23.0	24.0	13.5	10.0	12.0	10.0	9.5	10.0	10.0	9.5	10.0
15	23.0	21.5	22.5	12.0	10.0	10.5	10.0	9.0	9.5	10.0	9.5	9.5
16	22.0	21.0	21.5	12.0	10.5	11.0	10.0	8.5	9.5	9.5	9.0	9.5
17	21.5	20.5	21.0	13.0	11.0	11.5	9.5	8.5	9.0	10.0	9.0	9.5
18	20.5	19.0	20.0	12.5	11.5	11.5	9.0	8.0	8.5	10.5	9.5	10.0
19	20.5	18.0	18.5	12.5	11.0	11.5	9.0	8.0	8.5	10.0	9.0	9.5
20	19.5	17.5	18.0	12.0	11.0	11.0	9.5	8.0	8.5	9.5	9.0	9.0
21	19.5	17.5	18.5	11.5	9.5	10.5	9.5	8.0	9.0	9.0	9.0	9.0
22	19.0	17.5	18.5	12.0	10.5	11.0	9.0	8.5	9.0	9.5	9.0	9.0
23	17.5	16.5	17.5	13.0	11.5	12.5	9.0	8.5	9.0	10.0	9.0	9.5
24	17.0	16.0	16.5	12.5	12.0	12.5	9.5	9.0	9.0	10.0	9.0	9.5
25	19.0	16.5	17.5	12.0	11.5	11.5	10.0	9.0	9.5	10.0	9.5	9.5
26	19.0	18.0	18.5	12.5	11.0	11.5	10.0	9.0	9.5	9.5	9.0	9.5
27	18.5	18.0	18.0	12.0	11.5	11.5	10.0	8.5	9.5	9.5	8.0	9.0
28	---	---	---	12.5	10.5	11.5	10.0	9.5	9.5	9.0	7.5	8.0
29	---	---	---	12.5	11.0	11.5	9.5	9.0	9.0	8.5	8.0	8.0
30	---	---	---	13.0	11.0	12.0	9.0	7.0	8.0	9.0	7.5	8.5
31	---	---	---	---	---	---	8.0	7.0	7.5	8.5	7.5	8.0
MONTH	---	---	---	---	---	---	13.5	7.0	9.9	12.0	7.5	9.3

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.0	7.5	8.0	15.0	13.0	13.5	20.0	17.5	18.5	21.0	19.0	20.0
2	8.0	7.0	7.5	14.0	12.5	13.5	21.5	17.5	19.5	20.5	19.0	20.0
3	8.5	7.0	8.0	13.5	11.0	12.5	20.0	15.5	18.0	21.5	18.5	19.5
4	8.5	7.5	8.0	12.5	11.0	11.5	17.5	15.5	16.5	21.5	18.0	19.5
5	8.5	7.0	8.0	12.5	10.5	11.5	17.5	15.0	16.5	21.0	19.5	20.5
6	8.0	6.5	7.5	12.5	12.0	12.5	18.5	15.5	17.0	21.5	19.0	19.5
7	8.0	7.5	8.0	12.5	11.5	12.5	19.5	18.0	18.5	20.0	18.5	19.5
8	8.0	8.0	8.0	12.5	11.5	12.0	19.5	17.5	19.0	20.5	19.5	19.5
9	9.5	8.0	8.5	13.0	11.5	12.5	20.0	18.5	19.5	21.5	19.0	19.5
10	9.5	9.0	9.0	13.0	10.5	11.5	19.5	17.5	18.0	20.0	19.5	19.5
11	9.0	9.0	9.0	11.0	9.5	10.5	18.5	17.0	17.5	21.5	19.5	20.5
12	9.0	8.0	9.0	10.5	9.0	10.0	18.5	17.0	17.5	23.0	20.0	21.0
13	9.0	8.5	9.0	11.0	10.0	10.0	18.5	16.5	17.5	23.0	20.5	21.5
14	9.5	8.5	9.0	12.0	9.5	11.0	19.0	17.5	18.5	24.5	21.0	22.5
15	9.5	8.5	9.0	12.5	11.5	12.0	18.5	17.5	18.5	27.5	23.0	24.5
16	9.0	8.5	8.5	12.5	11.5	12.0	18.5	17.5	18.0	28.5	24.5	26.5
17	9.5	8.5	9.0	12.5	11.0	11.5	20.0	17.5	18.5	28.0	25.5	27.0
18	10.0	9.0	9.5	11.5	10.5	11.0	20.0	17.5	19.5	28.5	25.0	27.0
19	11.0	9.5	10.0	12.0	11.0	11.5	19.5	17.5	18.5	30.0	26.5	27.5
20	11.5	10.0	10.5	13.5	11.5	12.5	20.5	17.5	19.0	29.5	26.5	28.0
21	12.5	10.5	11.0	13.0	11.5	12.0	20.0	18.5	19.0	29.0	26.5	27.5
22	11.0	9.5	10.5	12.5	11.0	11.5	20.0	18.5	19.0	29.0	26.5	27.5
23	11.0	9.5	10.5	14.0	10.5	12.0	18.5	17.5	18.0	29.0	27.0	28.0
24	11.0	9.5	10.5	14.0	12.5	13.0	19.5	17.5	18.5	29.0	27.5	28.0
25	13.0	10.5	11.5	14.0	13.5	13.5	20.5	18.0	19.0	29.0	27.0	28.0
26	12.5	11.5	12.0	14.0	13.0	13.5	21.5	19.0	20.0	30.0	27.0	28.0
27	12.5	12.0	12.0	16.5	13.0	14.0	22.0	20.0	20.5	29.5	26.5	27.5
28	14.0	12.5	13.0	17.0	14.0	15.5	21.0	19.5	20.0	29.5	26.5	28.0
29	---	---	---	18.0	15.0	16.0	21.0	19.5	20.0	29.5	26.5	28.0
30	---	---	---	18.5	15.0	16.5	21.0	19.5	20.0	28.5	27.5	28.0
31	---	---	---	20.5	16.5	18.5	---	---	---	29.5	27.0	28.0
MONTH	14.0	6.5	9.4	20.5	9.0	12.6	22.0	15.0	18.6	30.0	18.0	24.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	34.0	29.0	31.5	30.5	29.0	29.5	30.5	29.5	30.0
2	---	---	---	33.0	30.0	31.5	30.5	28.5	30.0	31.0	28.5	29.5
3	32.5	28.5	30.0	33.0	29.5	31.0	30.0	27.0	28.5	28.5	24.5	27.5
4	31.5	28.5	30.0	33.0	30.5	31.5	31.0	28.0	29.0	25.0	21.5	23.5
5	30.5	28.0	29.5	32.0	30.0	31.0	30.5	28.0	29.5	26.0	23.5	24.0
6	30.0	26.5	28.5	32.0	30.0	30.5	30.0	26.0	28.5	27.5	25.5	26.5
7	28.5	26.0	27.0	32.5	30.0	30.5	29.5	24.0	28.5	30.5	26.5	28.0
8	29.5	26.5	27.5	31.5	29.0	30.0	27.5	22.5	26.0	29.5	27.0	28.0
9	28.5	26.0	27.0	32.0	29.0	30.5	27.0	26.0	26.5	27.5	26.0	26.5
10	28.5	26.0	27.0	31.5	29.5	30.5	31.0	26.0	27.5	26.5	25.5	26.0
11	30.5	26.0	27.5	30.5	28.5	29.5	31.0	28.0	29.5	27.5	25.5	26.0
12	31.5	28.0	29.0	30.5	29.0	30.0	---	---	---	27.0	25.0	26.0
13	30.5	26.5	28.5	30.0	28.5	29.0	---	---	---	27.0	25.5	26.0
14	30.0	26.0	27.5	28.5	27.0	28.0	27.0	24.5	25.5	28.0	26.0	27.0
15	30.0	27.5	28.5	28.0	27.5	27.5	28.5	24.0	25.0	29.5	27.5	28.0
16	29.5	26.0	28.0	29.5	27.0	28.0	32.0	28.5	30.0	30.5	28.5	29.5
17	30.0	27.0	28.5	30.0	27.0	28.5	31.5	29.0	30.0	31.5	29.0	30.0
18	32.0	28.0	29.0	28.5	27.0	28.0	31.0	29.0	30.0	30.5	29.0	30.0
19	31.5	28.0	29.5	30.0	27.0	28.5	30.5	29.0	30.0	29.0	28.5	29.0
20	31.5	28.0	29.5	30.0	28.0	28.5	32.5	29.5	31.0	30.0	28.5	29.0
21	33.0	29.0	30.5	31.0	28.0	29.5	30.0	28.5	29.5	29.5	28.5	29.0
22	33.0	29.0	31.0	31.0	29.0	30.0	30.0	28.0	28.5	29.5	28.0	28.5
23	34.0	29.0	31.5	30.5	29.0	29.5	30.5	28.0	29.0	29.0	27.5	28.5
24	34.5	30.5	32.0	31.0	28.5	29.5	31.5	28.5	30.0	28.0	27.0	27.5
25	34.0	31.0	32.5	31.0	28.5	29.5	33.5	29.0	30.5	30.0	27.0	28.5
26	35.5	32.0	34.0	31.0	28.5	29.5	31.5	28.5	29.5	28.5	27.0	28.0
27	35.5	32.5	34.0	29.0	28.0	28.5	30.5	28.5	29.0	28.0	27.0	27.5
28	35.5	32.5	34.0	30.0	27.5	28.5	31.0	28.0	29.5	27.5	26.5	27.0
29	35.5	33.0	34.0	31.5	28.0	29.5	32.0	29.5	31.0	28.0	26.5	27.0
30	33.5	30.0	32.0	31.5	29.5	30.5	32.0	30.5	31.0	27.5	26.5	26.5
31	---	---	---	30.5	28.5	29.5	32.5	30.0	31.0	---	---	---
MONTH	---	---	---	34.0	27.0	29.6	---	---	---	31.5	21.5	27.6

SANTEE RIVER BASIN

02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.0	6.4	7.2	---	---	---	9.1	8.6	8.8	10.4	10.0	10.2
2	9.8	7.0	7.9	---	---	---	8.9	8.3	8.5	10.6	10.1	10.3
3	12.2	7.3	9.0	---	---	---	8.5	8.1	8.3	10.7	9.9	10.4
4	12.0	8.8	10.5	---	---	---	9.0	8.2	8.6	10.6	10.0	10.3
5	13.1	8.9	11.6	8.7	8.0	8.4	9.1	8.5	8.8	10.7	10.1	10.4
6	13.8	11.2	12.2	8.8	8.0	8.4	9.2	8.7	8.9	10.8	10.1	10.5
7	12.9	10.8	11.7	8.9	8.3	8.6	9.2	8.7	8.9	10.5	10.2	10.3
8	12.7	10.9	11.7	9.2	8.1	8.6	9.1	8.8	8.9	10.3	10.0	10.2
9	12.3	10.0	11.0	9.3	7.8	8.7	9.3	8.7	9.0	10.2	9.8	10.0
10	12.0	9.3	10.6	10.0	8.3	9.1	9.7	8.4	9.3	9.9	9.6	9.7
11	11.6	9.6	10.3	9.7	8.4	8.9	9.9	9.1	9.5	10.1	9.6	9.9
12	10.1	8.8	9.6	9.1	8.3	8.8	9.9	9.2	9.5	10.3	9.9	10.1
13	10.0	8.1	9.0	9.1	8.4	8.7	9.7	9.1	9.4	10.3	9.8	10.1
14	9.7	8.1	8.7	9.4	8.9	9.2	9.6	9.1	9.4	10.3	10.0	10.2
15	8.7	6.7	7.4	9.0	8.6	8.8	9.9	9.3	9.6	10.4	10.2	10.3
16	6.9	6.2	6.5	8.8	8.1	8.6	9.9	9.4	9.7	10.4	10.2	10.3
17	6.4	6.0	6.2	8.5	8.0	8.3	10.2	9.5	9.8	10.5	10.0	10.2
18	6.2	5.4	6.0	8.8	7.6	8.2	10.2	9.4	9.8	10.4	9.9	10.1
19	6.5	5.7	6.1	8.9	8.0	8.4	10.4	9.6	10.0	10.3	9.8	10.1
20	7.7	5.5	6.5	9.0	7.8	8.3	10.5	9.8	10.2	10.2	9.8	9.9
21	8.2	6.0	6.9	9.1	8.1	8.6	10.6	10.0	10.3	10.0	9.8	9.9
22	8.3	7.0	7.5	9.6	8.6	9.1	10.6	10.3	10.5	10.3	9.8	10.0
23	9.5	6.5	7.8	9.2	8.7	9.0	10.5	9.4	10.2	10.3	9.8	10.0
24	8.2	6.7	7.5	8.7	8.4	8.6	10.0	9.5	9.8	10.0	9.7	9.9
25	8.9	6.9	7.6	9.0	8.2	8.6	10.0	9.1	9.5	10.0	9.4	9.7
26	7.9	6.3	7.1	9.2	8.4	8.8	9.2	9.0	9.1	9.7	9.4	9.6
27	6.4	4.6	5.7	9.2	8.5	8.8	9.4	9.0	9.2	10.5	9.6	10.0
28	---	---	---	9.5	8.7	9.0	9.5	9.2	9.3	10.7	10.2	10.4
29	---	---	---	9.3	8.6	8.9	9.9	9.4	9.7	10.3	9.8	10.1
30	---	---	---	9.2	8.6	8.9	10.5	9.7	10.0	10.0	9.4	9.7
31	---	---	---	---	---	---	10.4	9.9	10.2	9.7	9.3	9.6
MONTH	---	---	---	---	---	---	10.6	8.1	9.4	10.8	9.3	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.8	9.4	9.6	9.6	8.9	9.2	9.6	7.9	9.0	7.6	7.0	7.2
2	9.8	9.5	9.7	9.2	8.9	9.1	9.8	7.6	8.7	7.2	6.9	7.1
3	10.3	9.7	10.1	9.1	8.8	9.0	8.6	7.1	7.6	7.4	7.0	7.1
4	10.3	10.0	10.2	9.3	8.8	9.0	7.8	7.1	7.5	7.8	7.1	7.4
5	10.6	10.0	10.2	9.3	8.6	9.0	7.2	6.3	6.7	7.6	7.0	7.4
6	10.7	10.3	10.6	9.1	8.8	9.0	6.9	6.2	6.4	8.4	6.9	7.3
7	10.3	10.1	10.2	9.0	8.7	8.9	6.6	6.0	6.3	7.4	6.6	7.1
8	10.2	9.9	10.1	9.2	8.8	9.0	6.9	6.2	6.5	7.7	7.2	7.4
9	9.9	9.7	9.8	9.2	8.1	8.7	7.2	6.3	6.9	7.6	6.7	7.1
10	10.1	9.7	9.9	9.1	7.9	8.5	7.0	6.3	6.6	7.2	6.5	6.9
11	10.1	9.8	10.0	9.4	9.1	9.3	6.7	6.4	6.5	7.9	6.5	7.1
12	10.4	9.9	10.1	9.4	8.8	9.2	6.9	6.4	6.6	8.9	7.2	7.7
13	10.2	9.7	10.0	9.4	8.7	8.9	6.8	6.2	6.4	9.3	7.5	8.1
14	10.1	9.8	9.9	9.4	8.8	9.1	6.9	6.4	6.6	11.1	7.4	9.4
15	10.1	9.8	10.0	9.2	8.7	9.0	6.9	6.5	6.6	13.4	8.7	11.3
16	10.3	10.0	10.1	9.2	8.7	9.0	6.7	6.0	6.4	13.6	9.8	12.0
17	10.2	9.7	10.0	9.0	8.9	8.9	6.8	5.9	6.4	13.4	8.5	11.5
18	10.2	9.7	9.9	9.0	8.8	8.9	7.0	6.2	6.6	12.8	7.4	10.6
19	9.9	9.5	9.7	9.1	8.7	8.9	6.9	6.5	6.7	14.1	8.3	11.0
20	9.9	9.5	9.7	8.9	8.5	8.8	6.6	6.1	6.4	13.3	9.8	11.7
21	9.9	9.5	9.7	8.5	8.0	8.3	7.2	6.1	6.7	13.0	9.9	11.7
22	9.9	9.4	9.7	8.4	7.9	8.1	7.3	6.9	7.1	12.9	9.2	11.4
23	9.9	9.5	9.7	8.7	8.1	8.3	7.0	6.7	6.9	12.9	10.4	11.8
24	9.8	9.5	9.6	8.7	8.2	8.4	7.3	6.5	6.8	12.8	9.5	11.5
25	9.8	9.4	9.6	8.5	8.1	8.3	7.3	6.8	7.0	12.2	8.5	11.0
26	9.6	9.1	9.4	8.8	8.3	8.5	7.7	7.1	7.3	12.3	7.1	10.4
27	9.5	9.2	9.3	10.3	8.0	8.9	7.6	7.0	7.2	12.4	8.9	10.9
28	9.7	8.9	9.3	10.4	8.4	9.3	7.5	7.0	7.2	12.2	8.4	11.1
29	---	---	---	10.1	8.4	9.3	7.9	6.9	7.1	12.9	7.4	10.8
30	---	---	---	10.7	7.9	8.9	7.6	6.9	7.2	11.4	9.5	10.5
31	---	---	---	11.1	8.4	9.7	---	---	---	11.8	6.0	10.3
MONTH	10.7	8.9	9.9	11.1	7.9	8.9	9.8	5.9	6.9	14.1	6.0	9.5

SANTEE RIVER BASIN

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02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.4	8.7	10.7	8.6	6.5	7.5	7.5	5.4	6.4	9.8	7.4	8.5
2	9.5	7.2	8.4	9.1	6.4	7.8	7.8	5.9	6.8	9.3	6.1	7.7
3	10.1	8.3	9.1	9.8	6.5	8.4	8.6	5.9	7.1	7.1	5.9	6.5
4	9.3	8.2	8.8	9.8	7.0	8.8	9.7	6.1	7.9	6.9	5.4	6.2
5	8.5	7.7	8.0	9.5	7.6	8.6	10.0	7.3	8.7	6.0	4.5	5.1
6	8.5	7.4	7.8	8.7	6.5	7.7	9.9	7.9	8.9	9.1	5.5	7.4
7	8.5	7.4	7.8	10.3	6.8	8.4	9.5	7.4	8.6	11.6	7.7	9.4
8	8.9	7.5	8.0	10.0	8.0	8.9	9.5	7.6	8.5	10.0	8.3	9.2
9	9.2	7.9	8.6	9.0	7.7	8.4	9.3	7.8	8.5	11.2	7.2	8.7
10	8.9	8.0	8.5	8.7	7.7	8.2	10.7	7.2	8.8	10.4	7.5	9.0
11	9.6	8.1	8.7	7.9	6.3	7.2	10.8	8.0	9.5	12.7	8.0	9.8
12	9.6	8.6	9.1	7.2	6.1	6.7	11.3	8.5	9.9	11.1	8.5	10.0
13	8.9	8.3	8.6	7.9	5.9	7.0	10.0	7.1	8.8	11.3	9.2	10.1
14	9.3	7.9	8.5	8.5	6.5	7.6	9.5	7.8	8.6	11.1	8.7	9.9
15	9.2	8.3	8.7	8.5	7.2	8.0	10.3	7.1	8.5	12.4	9.4	10.8
16	8.5	7.4	8.2	9.9	6.9	8.3	10.1	7.1	8.6	13.1	9.1	11.0
17	9.4	7.1	8.1	10.0	7.6	8.8	10.2	7.1	8.9	12.2	9.9	10.9
18	10.7	7.2	9.0	---	---	---	9.9	7.3	8.4	11.8	9.6	10.7
19	10.5	7.1	8.8	---	---	---	10.6	8.5	9.5	10.4	8.9	9.6
20	9.9	6.5	8.2	---	---	---	9.6	7.7	8.6	10.9	8.2	9.4
21	10.6	8.0	9.4	---	---	---	10.0	6.9	8.4	10.3	8.5	9.2
22	11.0	8.9	9.8	10.0	7.6	8.9	10.2	7.0	8.6	9.9	8.0	9.1
23	11.3	8.3	9.8	9.6	8.1	8.9	10.3	8.2	9.2	9.3	7.5	8.2
24	11.6	9.3	10.5	9.4	7.5	8.3	11.1	8.6	9.7	8.9	7.2	7.8
25	10.9	8.6	9.5	9.3	6.4	7.6	10.9	8.8	9.6	11.0	6.1	8.4
26	11.1	8.9	9.8	8.7	6.7	7.8	9.5	7.3	8.7	10.6	7.1	8.8
27	10.3	8.9	9.8	7.9	6.0	6.8	9.0	6.8	7.9	11.5	7.5	9.6
28	10.2	9.2	9.7	9.2	5.4	6.9	8.9	7.4	8.2	10.9	8.8	9.7
29	10.1	8.9	9.4	9.7	6.6	8.3	8.8	7.4	8.1	9.8	8.3	9.0
30	9.1	7.2	8.4	10.0	7.6	8.7	8.9	7.2	8.1	10.2	7.6	8.8
31	---	---	---	9.0	6.3	7.9	9.2	7.5	8.3	---	---	---
MONTH	11.6	6.5	8.9	---	---	---	11.3	5.4	8.5	13.1	4.5	8.9

SANTÉE RIVER BASIN

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 mi².

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 21 ft³/s, 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	6.9	15	539	57	72	93	26	179	13	2.8	3.5	.80
2	4.8	80	98	46	64	62	28	57	14	2.5	3.3	.86
3	4.6	43	56	42	981	50	647	35	15	2.3	2.7	548
4	3.6	22	45	39	3380	43	1550	44	170	2.2	2.3	2130
5	3.5	15	39	37	2070	40	145	37	453	2.0	2.2	55
6	3.8	12	32	37	243	42	77	26	60	e1.7	2.0	20
7	4.3	13	28	47	147	211	54	31	29	e1.6	1.8	9.9
8	4.5	15	25	162	101	2230	45	2420	20	e1.5	2.4	6.2
9	4.5	16	38	174	82	3980	998	166	16	e1.6	31	4.7
10	4.4	16	72	73	66	236	162	77	35	e1.4	17	3.6
11	3.9	16	68	50	59	120	78	61	106	e1.3	3.4	2.6
12	3.8	16	89	41	59	83	51	44	28	e1.2	2.0	2.2
13	3.9	327	71	38	52	65	41	34	17	e1.1	1.6	2.1
14	26	2110	48	38	46	57	41	30	13	e1.0	1.6	2.3
15	51	161	38	203	42	52	67	27	10	e.93	1.6	1.9
16	127	72	31	917	42	46	46	23	10	e4.7	2.3	1.6
17	16	45	28	279	425	41	39	22	8.6	17	4.0	1.6
18	8.2	33	25	111	146	41	84	19	7.5	35	4.2	1.6
19	15	30	23	643	81	423	95	18	7.5	5.0	2.6	1.7
20	14	27	22	229	63	137	72	16	8.5	2.6	1.9	1.6
21	7.6	25	21	107	50	80	47	15	9.6	2.7	1.6	1.6
22	8.0	45	366	150	53	57	60	14	8.2	2.4	1.4	1.8
23	6.5	44	177	1670	584	44	95	13	6.8	2.1	1.2	2.3
24	7.0	30	1450	254	186	39	48	12	6.0	2.0	1.1	2.7
25	8.3	25	1160	124	90	38	34	11	5.0	2.3	.98	3.1
26	678	22	156	86	66	35	28	11	4.8	2.6	.83	3.9
27	483	22	307	1790	181	33	23	9.6	4.0	2.5	.75	4.1
28	54	21	179	1170	154	31	21	10	3.5	3.1	.58	4.0
29	27	20	126	183	---	29	20	9.2	3.1	4.4	.66	4.0
30	18	271	147	115	---	27	72	12	2.9	3.9	.74	3.0
31	14	---	81	89	---	25	---	23	---	3.6	.78	---
TOTAL	1625.1	3609	5585	9001	9585	8490	4794	3505.8	1095.0	121.03	104.02	2828.76
MEAN	52.4	120	180	290	342	274	160	113	36.5	3.90	3.36	94.3
MAX	678	2110	1450	1790	3380	3980	1550	2420	453	35	31	2130
MIN	3.5	12	21	37	42	25	20	9.2	2.9	.93	.58	.80
CFSM	.58	1.34	2.00	3.23	3.80	3.04	1.78	1.26	.41	.04	.04	1.05
IN.	.67	1.49	2.31	3.72	3.96	3.51	1.98	1.45	.45	.05	.04	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1998, BY WATER YEAR (WY)

MEAN	50.9	94.5	136	232	271	238	71.2	39.7	52.5	37.2	50.5	31.3
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	24.1	6.12	23.7	93.9	134	98.8	15.8	7.90	2.04	1.34	.48	3.73
(WY)	1997	1994	1994	1994	1996	1995	1995	1993	1993	1993	1993	1996

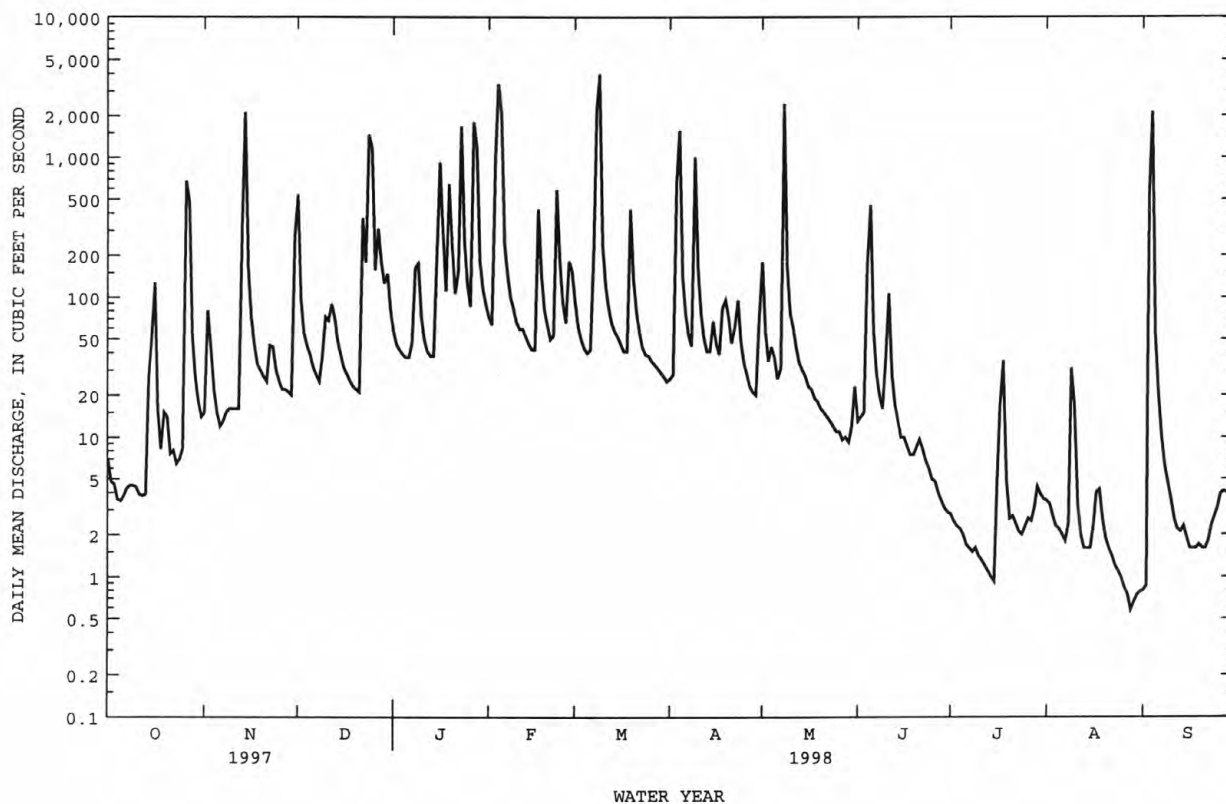
SANTEE RIVER BASIN

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021677037 LITTLE SALUDA RIVER AT SALUDA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1993 - 1998
ANNUAL TOTAL	34990.01	50343.71	
ANNUAL MEAN	95.9	138	108
HIGHEST ANNUAL MEAN			145
LOWEST ANNUAL MEAN			71.4
HIGHEST DAILY MEAN	2410 Feb 15	3980 Mar 9	4720 Dec 23 1994
LOWEST DAILY MEAN	.55 Sep 23	.58 Aug 28	.29 Sep 6 1993
ANNUAL SEVEN-DAY MINIMUM	.86 Sep 18	.73 Aug 26	.36 Aug 31 1993
INSTANTANEOUS PEAK FLOW		6120 Mar 9	6340 Dec 23 1994
INSTANTANEOUS PEAK STAGE		18.20 Mar 9	18.28 Dec 23 1994
ANNUAL RUNOFF (CFSM)	1.07	1.53	1.20
ANNUAL RUNOFF (INCHES)	14.46	20.81	16.30
10 PERCENT EXCEEDS	147	206	169
50 PERCENT EXCEEDS	20	28	16
90 PERCENT EXCEEDS	4.3	2.0	2.1

e Estimated



SANTEE RIVER BASIN

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): February 1993 to current year.

WATER TEMPERATURE (MIDDLE): February 1993 to current year.

WATER TEMPERATURE (BOTTOM): February 1993 to current year.

DISSOLVED OXYGEN (TOP): February 1993 to current year.

DISSOLVED OXYGEN (MIDDLE): February 1993 to current year.

DISSOLVED OXYGEN (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, June 29, 1998; minimum, 4.0°C, Jan. 20 - 22, 1994.

WATER TEMPERATURE (MIDDLE): Maximum, 31.0 C, July 22, 24, 25, 1993; minimum, 3.5°C, Jan. 20 - 22, 1994.

WATER TEMPERATURE (BOTTOM): Maximum, 30.5 C, Aug. 27 - 30, 1993, July 24, 1997; 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, several days, June - Sept., 1994.

DISSOLVED OXYGEN (MIDDLE): Maximum, 12.5 mg/L, May 8, 1998; minimum, 0.0 mg/L, many days, several months, 1993 - 1998.

DISSOLVED OXYGEN (BOTTOM): Maximum, 11.7 mg/L, Dec. 24, 1994; minimum, 0.0 mg/L, many days, several months, 1993 - 1998.

EXTREMES FOR CURRENT WATER YEAR.--

WATER TEMPERATURE (TOP): Maximum, 34.5 C, June 29; minimum, 7.0°C, several days in Jan.

WATER TEMPERATURE (MIDDLE): Maximum, 30.5°C, Aug. 29; minimum, 7.5°C, several days in Jan. and Feb.

WATER TEMPERATURE (BOTTOM): Maximum, 29.0°C, July 12, 13, 20; minimum, 6.0°C, Jan. 1 - 8.

DISSOLVED OXYGEN (TOP): Maximum, 17.2 mg/L, May 12; minimum, 2.8 mg/L, Aug. 1.

DISSOLVED OXYGEN (MIDDLE): Maximum, 12.5 mg/L, May 8; minimum, 0.0 mg/L, many days, several months.

DISSOLVED OXYGEN (BOTTOM): Maximum, 10.0 mg/L, Feb. 4; minimum, 0.0 mg/L, many days, several months.
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.5	22.0	22.5	17.5	17.0	17.5	12.5	11.5	12.0	8.5	7.5	7.5
2	22.5	21.5	22.0	17.5	17.0	17.0	12.0	11.5	12.0	8.0	7.5	7.5
3	22.5	21.5	22.0	17.0	16.5	17.0	12.0	11.5	12.0	7.5	7.0	7.5
4	22.5	22.0	22.0	17.0	16.5	16.5	12.5	12.0	12.0	8.0	7.0	7.5
5	23.0	22.0	22.5	16.5	16.0	16.0	12.0	11.5	12.0	8.5	7.0	7.5
6	23.5	22.5	23.0	16.0	15.5	15.5	11.5	11.0	11.0	9.5	7.5	8.0
7	23.5	23.0	23.0	15.5	15.5	15.5	11.5	10.5	11.0	10.5	7.0	8.5
8	24.0	23.0	23.5	15.5	15.0	15.0	10.5	10.0	10.0	11.5	9.5	11.0
9	24.5	24.0	24.0	16.0	14.5	15.0	10.0	9.5	10.0	11.5	10.5	10.5
10	24.5	24.0	24.5	16.0	14.5	15.0	10.0	9.5	9.5	11.0	10.0	10.5
11	24.5	24.5	24.5	15.5	14.5	15.0	10.5	9.5	9.5	11.0	10.0	10.5
12	25.0	24.5	25.0	15.0	14.5	14.5	10.0	9.5	10.0	10.5	10.0	10.5
13	25.0	24.0	24.5	14.5	13.5	14.0	9.5	9.5	9.5	11.5	9.5	10.5
14	25.5	24.5	25.0	13.5	10.5	12.0	9.5	9.0	9.0	10.5	9.5	10.0
15	25.0	23.5	24.0	11.0	10.0	10.5	9.0	8.5	9.0	9.5	9.5	9.5
16	23.5	22.5	23.0	11.5	10.0	10.5	9.5	8.5	9.0	9.5	9.0	9.5
17	22.5	21.5	22.0	11.5	10.0	10.5	9.5	8.5	8.5	9.5	9.0	9.0
18	21.5	21.0	21.5	11.0	10.0	10.5	9.0	8.5	8.5	9.5	8.5	9.0
19	21.0	20.5	20.5	10.5	10.0	10.0	9.0	8.5	8.5	9.5	8.0	8.5
20	21.5	20.0	20.5	10.5	10.0	10.0	9.0	8.0	8.5	8.0	8.0	8.0
21	21.0	20.0	20.0	11.5	10.0	10.5	9.0	8.5	8.5	8.5	8.0	8.0
22	20.0	19.5	19.5	12.0	10.5	11.0	9.0	8.5	8.5	8.5	8.0	8.0
23	19.5	19.0	19.5	12.5	11.0	11.5	9.0	8.5	8.5	8.0	8.0	8.0
24	19.0	18.5	19.0	12.0	11.0	11.5	9.0	8.5	8.5	9.0	8.0	8.5
25	20.0	18.5	19.0	12.0	11.0	11.0	9.5	8.5	9.0	9.0	8.5	8.5
26	19.5	18.5	19.0	11.5	10.5	11.0	10.0	9.0	9.5	9.0	8.5	8.5
27	18.5	18.0	18.5	12.0	11.0	11.0	10.0	9.0	9.5	9.0	8.0	8.5
28	18.5	17.5	18.0	12.0	11.0	11.5	9.5	9.0	9.0	8.0	7.0	7.5
29	18.5	17.5	17.5	12.5	11.0	12.0	9.0	8.5	9.0	8.0	7.0	7.5
30	18.0	17.0	17.5	13.0	11.5	12.0	8.5	8.0	8.5	9.0	7.5	8.0
31	17.5	17.0	17.5	---	---	---	8.0	7.5	8.0	8.0	7.5	8.0
MONTH	25.5	17.0	21.4	17.5	10.0	13.0	12.5	7.5	9.6	11.5	7.0	8.7

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.0	22.0	18.0	17.0	17.5	12.5	11.5	12.0	8.0	7.5	7.5
2	22.0	21.5	22.0	17.5	17.0	17.0	12.0	11.0	11.5	8.0	7.5	7.5
3	22.0	21.5	21.5	17.0	16.5	17.0	12.0	11.0	11.5	7.5	7.5	7.5
4	22.0	21.5	21.5	17.0	16.0	16.5	12.0	11.5	11.5	7.5	7.5	7.5
5	22.0	21.5	22.0	16.5	16.0	16.0	11.5	10.5	11.5	8.0	7.5	7.5
6	22.0	21.5	22.0	16.0	15.5	15.5	11.0	10.5	10.5	9.0	7.5	8.0
7	22.5	22.0	22.0	15.5	15.5	15.5	10.5	10.0	10.0	9.0	8.0	8.0
8	22.5	22.0	22.5	15.5	15.0	15.0	10.0	9.5	10.0	11.5	9.0	10.0
9	23.0	22.0	22.5	15.5	14.5	15.0	10.0	9.0	9.5	11.5	10.0	10.5
10	23.5	22.5	23.0	15.0	14.5	14.5	9.5	9.0	9.5	10.5	10.5	10.5
11	24.0	23.5	23.5	15.0	14.5	14.5	9.5	9.0	9.0	10.5	10.0	10.5
12	24.5	23.5	24.0	14.5	14.5	14.5	10.0	9.0	9.5	10.5	10.0	10.0
13	24.5	24.0	24.0	14.5	13.5	14.0	9.0	9.0	9.0	11.0	9.5	10.0
14	24.5	24.0	24.0	13.5	10.5	12.0	9.0	8.5	8.5	10.5	9.5	10.0
15	24.5	23.0	24.0	10.5	10.0	10.5	8.5	8.0	8.5	10.0	10.0	10.0
16	23.0	22.5	23.0	11.5	10.0	10.5	8.5	8.0	8.0	10.0	9.5	9.5
17	22.5	21.5	22.0	10.5	10.0	10.0	8.5	8.0	8.0	9.5	9.0	9.5
18	21.5	21.0	21.5	10.0	10.0	10.0	8.0	8.0	8.0	9.5	9.0	9.0
19	21.0	20.0	20.5	10.0	9.5	10.0	9.0	8.0	8.5	9.5	8.5	9.0
20	20.5	20.0	20.0	10.0	9.5	10.0	9.0	8.5	8.5	8.5	8.5	8.5
21	20.5	20.0	20.0	11.5	10.0	10.5	9.0	8.5	8.5	9.0	8.5	8.5
22	20.0	19.5	19.5	11.5	10.5	11.0	9.0	8.5	9.0	9.0	8.5	8.5
23	19.5	19.0	19.0	12.0	10.5	11.5	9.0	9.0	9.0	9.0	8.5	8.5
24	19.0	18.5	19.0	12.0	10.5	11.0	9.5	9.0	9.0	9.0	9.0	9.0
25	19.0	18.5	19.0	11.0	10.5	11.0	10.0	9.0	9.5	9.0	9.0	9.0
26	19.0	18.5	19.0	11.0	10.5	11.0	9.5	9.0	9.5	9.5	9.0	9.0
27	19.0	18.0	18.5	12.0	11.0	11.0	10.5	9.0	9.5	9.5	8.5	9.0
28	18.0	17.5	18.0	11.5	10.5	11.0	9.5	9.0	9.0	8.5	7.5	8.0
29	18.0	17.5	17.5	12.5	11.0	11.5	9.0	9.0	9.0	8.0	7.5	8.0
30	17.5	17.0	17.5	12.5	11.5	12.0	9.0	8.0	8.5	8.0	7.5	7.5
31	17.5	17.0	17.5	---	---	---	8.5	8.0	8.0	8.0	7.5	7.5
MONTH	24.5	17.0	21.0	18.0	9.5	12.9	12.5	8.0	9.4	11.5	7.5	8.8

MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.0	7.5	7.5	12.0	11.5	12.0	14.0	12.0	13.0	19.5	18.5	19.0
2	8.0	7.5	8.0	13.5	11.5	12.5	14.0	12.5	13.5	19.5	19.0	19.0
3	8.5	8.0	8.0	13.0	12.0	12.5	15.5	12.5	13.5	19.5	19.0	19.0
4	8.5	8.5	8.5	12.5	12.0	12.0	16.0	15.0	15.5	19.5	19.0	19.0
5	8.5	8.5	8.5	12.0	12.0	12.0	15.0	14.5	15.0	19.5	19.0	19.0
6	8.5	8.0	8.0	12.0	12.0	12.0	15.0	14.5	14.5	19.0	19.0	19.0
7	8.5	8.0	8.5	12.0	12.0	12.0	15.0	14.5	14.5	19.5	19.0	19.0
8	9.0	8.5	8.5	12.5	12.0	12.0	16.0	14.5	15.0	22.5	19.5	21.0
9	9.0	8.5	8.5	13.5	12.0	13.0	17.5	15.0	16.5	21.0	20.0	21.0
10	9.0	8.5	8.5	13.0	11.5	12.5	16.5	16.0	16.5	20.5	20.0	20.0
11	9.5	8.5	9.0	12.0	11.0	11.5	16.0	16.0	16.0	20.5	19.5	20.0
12	10.0	9.0	9.5	11.5	11.0	11.0	16.0	16.0	16.0	20.5	19.5	20.0
13	9.5	9.5	9.5	11.5	10.5	11.0	16.0	15.5	16.0	20.0	20.0	20.0
14	10.0	9.5	9.5	11.0	10.0	11.0	16.5	15.5	16.0	20.5	20.0	20.5
15	9.5	9.0	9.5	11.0	10.5	11.0	16.5	16.0	16.0	21.0	20.0	20.5
16	9.5	9.0	9.5	12.0	11.0	11.5	16.5	16.0	16.0	21.0	20.5	20.5
17	11.0	9.5	10.0	11.5	11.0	11.0	17.5	16.0	16.5	21.5	20.5	21.0
18	10.5	10.5	10.5	11.0	10.5	11.0	18.5	16.5	17.0	21.5	21.0	21.5
19	11.0	10.5	10.5	11.0	10.5	11.0	18.5	16.0	17.0	22.0	21.5	21.5
20	11.5	10.5	11.0	12.0	10.5	11.0	18.0	17.0	17.5	22.0	21.5	21.5
21	11.0	10.5	11.0	11.5	11.0	11.0	18.0	17.0	17.5	21.5	21.5	21.5
22	11.0	10.5	11.0	11.5	11.0	11.0	18.5	17.5	18.0	22.0	21.5	21.5
23	11.5	11.0	11.5	11.5	11.0	11.0	18.0	17.5	18.0	22.0	21.5	22.0
24	12.0	11.0	11.5	12.0	11.0	11.5	18.0	17.0	17.5	22.0	21.5	22.0
25	11.5	11.0	11.0	12.5	11.0	11.5	17.5	17.0	17.5	22.0	21.5	22.0
26	11.5	11.0	11.0	12.0	11.5	12.0	18.0	17.5	17.5	22.0	21.5	21.5
27	12.5	11.5	12.0	12.0	11.5	12.0	20.0	18.0	18.0	21.5	21.0	21.5
28	13.0	11.5	12.0	12.5	12.0	12.0	19.5	18.5	19.0	22.0	21.0	21.5
29	---	---	---	12.5	12.0	12.0	19.0	18.0	18.5	23.0	21.5	22.0
30	---	---	---	13.0	12.0	12.0	19.5	18.5	19.0	25.5	22.5	24.0
31	---	---	---	13.0	12.0	12.5	---	---	---	25.5	24.0	24.5
MONTH	13.0	7.5	9.7	13.5	10.0	11.7	20.0	12.0	16.4	25.5	18.5	20.8

SANTEE RIVER BASIN

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02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MIDDLE											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.5	23.0	24.0	28.0	26.0	27.0	---	---	---	30.0	29.5	30.0
2	25.5	22.5	23.5	27.0	25.5	26.0	---	---	---	30.0	29.5	30.0
3	25.0	22.0	23.5	28.5	26.5	27.0	---	---	---	29.5	27.0	28.5
4	26.0	22.0	23.5	28.5	27.5	28.0	---	---	---	27.0	22.0	24.0
5	23.0	21.0	22.0	29.0	28.0	28.5	28.5	28.0	28.5	23.5	22.5	23.0
6	22.5	20.5	21.5	29.5	28.0	29.0	29.0	28.5	28.5	23.5	22.5	23.0
7	25.0	20.5	22.5	29.5	29.5	29.5	29.0	28.5	28.5	26.5	23.0	25.0
8	25.5	24.0	25.0	30.0	29.0	29.5	29.5	28.5	29.0	27.0	25.5	26.0
9	25.5	24.5	25.0	29.5	28.5	29.0	29.5	29.0	29.0	27.0	24.5	25.5
10	26.0	24.5	25.0	29.5	28.5	29.0	29.5	29.0	29.0	26.0	25.0	25.5
11	25.5	24.5	25.0	29.5	28.5	29.0	29.0	28.5	29.0	26.0	25.5	25.5
12	25.0	24.5	24.5	30.0	29.0	30.0	---	---	---	26.0	25.5	25.5
13	25.0	24.0	24.5	30.0	29.5	29.5	---	---	---	26.0	25.0	25.5
14	25.0	23.5	24.0	29.5	29.0	29.5	---	---	---	26.0	25.5	25.5
15	25.5	23.5	24.5	29.5	29.5	29.5	---	---	---	26.0	25.5	25.5
16	25.0	22.5	23.5	29.5	29.0	29.0	---	---	---	26.0	25.5	26.0
17	25.0	22.0	23.0	29.5	29.0	29.0	---	---	---	27.0	25.5	26.0
18	25.0	23.0	24.0	29.0	29.0	29.0	---	---	---	27.0	26.0	26.5
19	27.5	25.0	26.0	29.5	28.5	29.0	29.5	28.5	29.0	27.0	26.0	26.5
20	27.0	26.0	26.5	29.5	28.5	29.0	29.5	28.5	29.0	27.5	26.5	27.0
21	27.5	26.0	27.0	---	---	---	29.0	29.0	29.0	27.5	27.0	27.5
22	27.5	26.5	27.0	---	---	---	29.0	28.5	29.0	28.0	27.0	27.5
23	27.0	26.5	27.0	---	---	---	29.0	28.5	29.0	28.0	27.0	27.5
24	28.0	26.5	27.0	---	---	---	29.0	28.5	28.5	27.5	27.0	27.0
25	27.5	27.0	27.0	---	---	---	29.5	28.5	29.0	27.0	26.5	26.5
26	28.0	27.0	27.5	---	---	---	30.0	28.5	29.0	26.5	26.5	26.5
27	27.5	27.0	27.5	---	---	---	29.5	29.0	29.0	26.5	26.5	26.5
28	28.0	27.0	27.5	---	---	---	29.5	29.0	29.0	27.0	26.5	26.5
29	28.0	27.0	27.5	---	---	---	30.5	29.0	29.5	26.5	26.5	26.5
30	29.0	26.0	27.5	---	---	---	29.5	29.0	29.5	26.5	26.0	26.5
31	---	---	---	---	---	---	30.0	29.0	29.5	---	---	---
MONTH	29.0	20.5	25.1	---	---	---	---	---	---	30.0	22.0	26.3

SANTÉE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.5	21.5	22.0	16.5	16.0	16.0	12.0	11.0	11.5	6.5	6.0	6.0
2	22.0	21.5	21.5	17.0	16.5	17.0	11.5	11.0	11.5	6.5	6.0	6.0
3	22.0	21.5	21.5	17.0	16.0	16.5	11.5	11.5	11.5	6.0	6.0	6.0
4	22.0	21.5	21.5	16.5	16.0	16.0	12.0	11.5	11.5	6.0	6.0	6.0
5	21.5	21.5	21.5	16.0	15.5	15.5	12.0	11.5	11.5	6.0	6.0	6.0
6	21.5	21.5	21.5	15.5	15.0	15.5	11.5	11.0	11.0	6.0	6.0	6.0
7	22.0	21.5	21.5	15.0	15.0	15.0	11.0	10.5	10.5	6.0	6.0	6.0
8	22.0	21.5	21.5	15.0	15.0	15.0	10.5	10.0	10.0	8.0	6.0	6.5
9	22.0	21.5	22.0	15.0	14.0	14.5	10.0	9.5	9.5	9.0	6.5	8.0
10	22.0	21.5	21.5	14.5	14.0	14.0	9.5	9.5	9.5	9.0	8.5	9.0
11	22.0	21.5	21.5	14.0	13.5	14.0	9.5	9.5	9.5	9.0	8.5	8.5
12	22.5	21.5	22.0	14.0	13.5	13.5	9.5	9.0	9.5	9.0	8.0	8.5
13	22.5	22.0	22.5	14.0	13.0	13.5	9.5	9.0	9.5	8.5	8.0	8.0
14	23.0	22.0	22.5	13.5	10.5	12.0	9.5	9.0	9.0	8.5	7.5	8.5
15	23.0	22.5	23.0	10.5	10.0	10.5	9.0	8.5	9.0	8.5	8.5	8.5
16	23.0	22.5	22.5	10.5	10.0	10.0	8.5	8.5	8.5	8.5	8.0	8.5
17	22.5	21.5	22.0	10.0	10.0	10.0	8.5	8.5	8.5	8.5	8.0	8.0
18	21.5	21.0	21.5	10.0	9.5	10.0	8.5	8.0	8.5	8.0	7.5	8.0
19	21.0	20.0	20.5	10.0	9.5	10.0	8.5	8.0	8.5	8.0	7.5	7.5
20	20.0	19.5	20.0	10.0	9.5	10.0	8.5	8.5	8.5	7.5	7.0	7.0
21	19.5	19.0	19.5	10.5	9.5	10.0	8.5	8.5	8.5	7.0	7.0	7.0
22	19.5	18.5	19.0	10.5	10.0	10.0	8.5	8.5	8.5	7.5	7.0	7.5
23	18.5	18.0	18.5	10.0	9.5	10.0	8.5	8.5	8.5	7.5	7.5	7.5
24	18.5	18.0	18.5	10.0	9.5	10.0	8.5	8.0	8.0	8.0	7.5	8.0
25	18.5	18.0	18.0	10.5	10.0	10.0	9.0	8.0	8.5	8.0	7.5	8.0
26	18.5	18.0	18.0	11.0	10.0	10.5	8.5	8.0	8.5	8.0	8.0	8.0
27	18.5	18.0	18.5	11.0	10.5	10.5	8.5	8.0	8.0	8.0	7.5	8.0
28	18.0	17.5	17.5	10.5	10.5	10.5	8.0	7.5	8.0	7.5	6.5	7.0
29	17.5	16.5	17.0	10.5	10.5	10.5	7.5	7.0	7.5	7.5	6.5	7.0
30	16.5	16.5	16.5	12.0	10.5	11.0	7.0	6.5	7.0	7.5	7.0	7.0
31	16.5	16.0	16.0	---	---	---	6.5	6.5	6.5	7.5	7.0	7.5
MONTH	23.0	16.0	20.4	17.0	9.5	12.4	12.0	6.5	9.2	9.0	6.0	7.4

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.5	7.0	7.5	10.5	10.0	10.0	12.0	11.0	11.0	17.0	16.0	16.5
2	7.5	7.5	7.5	11.5	10.0	10.5	11.5	11.0	11.5	17.5	16.5	17.0
3	8.0	7.5	7.5	11.5	11.0	11.0	13.0	11.5	11.5	17.5	16.5	17.0
4	8.0	7.5	8.0	11.0	11.0	11.0	15.0	13.0	14.5	17.5	16.5	17.0
5	8.0	7.5	8.0	11.0	11.0	11.0	14.0	13.5	14.0	17.5	16.5	17.0
6	7.5	7.5	7.5	11.0	11.0	11.0	14.0	13.5	13.5	17.0	16.5	16.5
7	8.0	7.5	7.5	11.0	11.0	11.0	14.0	13.5	13.5	17.0	16.5	16.5
8	8.0	8.0	8.0	11.0	10.5	11.0	14.0	13.5	13.5	18.0	17.0	17.5
9	8.0	8.0	8.0	12.0	10.5	11.5	16.5	13.5	15.0	18.5	17.5	18.0
10	8.0	8.0	8.0	12.0	11.0	11.5	16.0	15.5	15.5	18.0	17.5	18.0
11	8.5	8.0	8.0	11.0	10.5	11.0	15.5	15.0	15.5	18.0	17.5	18.0
12	9.0	8.0	8.5	10.5	10.0	10.5	15.0	15.0	15.0	18.0	18.0	18.0
13	9.0	8.5	9.0	10.0	9.5	9.5	15.0	15.0	15.0	18.5	18.0	18.0
14	9.0	9.0	9.0	10.0	9.5	9.5	15.0	15.0	15.0	18.5	18.0	18.0
15	9.0	9.0	9.0	10.0	9.5	10.0	15.0	14.5	15.0	19.0	18.0	18.5
16	9.0	8.5	9.0	9.5	9.5	9.5	15.0	14.5	14.5	19.0	18.5	19.0
17	9.5	9.0	9.0	10.5	9.5	10.0	15.0	14.5	15.0	19.5	18.5	19.0
18	9.5	9.5	9.5	10.0	10.0	10.0	15.0	14.5	15.0	19.5	19.0	19.0
19	9.5	9.5	9.5	10.0	10.0	10.0	15.5	14.5	15.0	19.5	19.0	19.5
20	10.0	9.0	9.5	11.0	10.0	10.0	15.0	15.0	15.0	20.5	19.5	19.5
21	10.0	9.5	9.5	10.5	10.5	10.5	15.5	15.0	15.0	19.5	19.0	19.5
22	10.0	9.5	10.0	10.5	10.5	10.5	16.0	15.0	15.5	19.5	19.0	19.5
23	10.5	10.0	10.0	10.5	10.5	10.5	15.5	15.5	15.5	20.0	19.5	19.5
24	10.5	10.0	10.5	10.5	10.5	10.5	16.0	15.5	15.5	20.0	19.5	20.0
25	10.5	9.5	10.0	10.5	10.5	10.5	16.0	15.5	16.0	20.0	19.5	20.0
26	10.0	9.5	9.5	10.5	10.5	10.5	16.5	15.5	16.0	20.0	19.5	19.5
27	10.5	10.0	10.0	10.5	10.5	10.5	16.0	15.5	16.0	20.0	19.5	19.5
28	10.0	10.0	10.0	11.0	10.5	11.0	16.0	15.5	16.0	20.5	19.5	20.0
29	---	---	---	11.0	10.5	11.0	16.0	16.0	16.0	21.0	20.0	20.5
30	---	---	---	11.0	11.0	11.0	16.5	16.0	16.0	22.0	20.5	21.0
31	---	---	---	11.0	11.0	11.0	---	---	---	22.0	20.5	21.0
MONTH	10.5	7.0	8.8	12.0	9.5	10.5	16.5	11.0	14.7	22.0	16.0	18.6

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.1	6.5	8.1	11.2	7.1	8.8	---	---	---	8.0	7.4	7.8
2	9.9	6.1	7.7	9.9	7.1	8.2	---	---	---	8.0	7.3	7.6
3	10.1	6.6	8.1	9.8	7.7	8.6	6.6	5.5	6.1	7.6	7.1	7.3
4	13.4	7.0	10.2	11.8	7.8	9.2	7.4	6.0	6.6	7.8	6.9	7.3
5	---	---	---	9.9	7.1	8.4	7.1	6.0	6.6	7.3	6.7	7.0
6	---	---	---	9.1	7.8	8.4	7.0	6.2	6.5	7.6	6.6	7.1
7	---	---	---	9.0	7.5	8.2	7.7	6.3	6.8	8.6	6.5	7.1
8	---	---	---	9.3	7.6	8.2	6.9	6.0	6.3	9.2	7.9	8.6
9	---	---	---	11.4	7.6	9.1	7.3	6.0	6.4	9.1	8.5	8.9
10	---	---	---	11.7	8.3	9.5	6.6	5.7	6.1	9.3	8.4	8.8
11	---	---	---	10.9	8.5	9.3	6.4	5.5	6.0	9.2	8.4	8.7
12	---	---	---	10.6	8.0	9.1	6.9	5.5	6.3	9.1	7.8	8.4
13	---	---	---	8.8	7.4	8.2	6.9	5.6	6.2	10.6	8.1	9.0
14	---	---	---	---	---	---	6.8	6.2	6.6	9.2	7.3	8.3
15	---	---	---	---	---	---	7.4	6.3	6.8	9.1	7.6	8.1
16	9.6	7.8	8.6	---	---	---	7.9	6.6	7.1	8.5	7.7	8.2
17	8.6	7.5	8.1	---	---	---	---	---	---	9.0	8.4	8.7
18	8.1	7.4	7.8	---	---	---	---	---	---	9.1	8.7	8.8
19	8.2	7.1	7.6	---	---	---	---	---	---	9.3	8.5	9.0
20	11.6	7.1	8.8	---	---	---	7.7	6.1	6.9	9.2	8.9	9.1
21	13.0	7.5	9.7	---	---	---	7.6	6.1	6.9	9.1	8.5	8.9
22	10.4	7.8	9.0	---	---	---	7.4	6.6	7.1	8.9	8.4	8.7
23	12.8	7.7	9.6	---	---	---	8.2	7.3	7.6	9.8	8.8	9.4
24	10.7	8.7	9.5	---	---	---	9.3	7.6	8.3	9.6	9.3	9.5
25	12.2	8.6	10.1	---	---	---	9.3	8.8	9.0	9.4	8.9	9.1
26	10.9	7.8	9.2	---	---	---	8.8	7.9	8.5	9.2	8.2	8.8
27	9.3	8.0	8.6	---	---	---	8.6	7.9	8.4	9.9	8.1	8.8
28	11.4	7.7	8.6	---	---	---	8.0	7.1	7.6	10.6	9.7	10.2
29	11.8	7.2	8.8	---	---	---	7.2	6.8	7.0	10.2	9.9	10.0
30	9.9	6.6	7.5	---	---	---	7.9	7.0	7.5	10.0	9.6	9.8
31	11.2	7.0	8.7	---	---	---	8.1	7.6	7.8	9.7	9.1	9.4
MONTH	---	---	---	---	---	---	---	---	---	10.6	6.5	8.6

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.4	8.7	9.0	10.8	7.2	9.0	9.5	7.5	8.4	10.5	7.1	9.4
2	8.9	8.4	8.7	10.2	8.3	9.4	9.0	7.0	8.2	10.5	8.9	9.7
3	9.6	8.4	9.0	9.6	8.7	9.2	8.7	6.1	7.6	11.5	9.0	9.9
4	10.3	9.6	10.1	9.4	8.7	9.0	7.6	5.9	6.6	11.8	9.1	10.6
5	10.3	9.8	10.0	9.2	8.3	8.8	6.6	5.4	6.2	11.4	8.3	9.7
6	9.8	9.5	9.6	8.8	7.6	8.4	5.9	4.4	5.2	14.4	7.8	10.7
7	9.6	9.2	9.4	8.5	7.6	8.1	6.8	4.1	5.0	14.0	9.1	11.8
8	9.4	9.1	9.3	8.6	7.6	7.9	6.9	5.2	5.8	12.0	9.4	11.0
9	9.3	8.9	9.1	8.9	7.9	8.3	8.6	5.2	7.2	14.9	7.6	9.9
10	9.0	8.7	8.9	8.1	7.6	7.8	6.8	6.2	6.5	14.2	7.9	9.8
11	8.9	8.2	8.6	7.7	7.4	7.5	6.6	5.8	6.3	14.0	5.3	11.0
12	8.9	8.4	8.7	7.6	6.8	7.2	6.1	4.7	5.4	17.2	7.1	12.6
13	8.7	8.1	8.4	7.2	6.8	6.9	5.4	4.2	4.6	14.4	10.4	12.4
14	8.6	8.2	8.4	7.1	6.7	6.9	7.9	4.3	6.0	13.6	9.9	11.9
15	8.5	8.2	8.3	6.9	6.4	6.7	7.1	5.6	6.2	15.9	10.5	12.5
16	8.6	8.3	8.5	7.6	6.3	6.8	6.5	5.6	6.1	16.1	11.9	13.8
17	8.8	8.4	8.6	7.5	6.5	7.0	7.1	5.2	6.3	15.1	11.8	13.3
18	9.0	8.6	8.8	7.2	6.7	7.0	7.8	4.5	6.2	14.4	11.7	12.9
19	9.3	8.8	9.0	7.2	6.4	6.9	7.1	4.4	5.9	17.1	13.0	14.9
20	9.4	8.7	9.2	8.3	6.2	6.9	6.5	4.1	5.7	16.4	13.0	14.9
21	9.5	8.7	9.0	7.6	6.8	7.3	6.9	4.5	5.2	16.0	12.6	13.8
22	9.4	8.6	8.8	8.3	7.1	7.5	7.2	4.3	5.9	14.7	11.6	12.7
23	8.9	8.6	8.8	8.6	6.8	7.5	7.7	5.3	6.6	13.9	11.2	12.4
24	9.2	8.5	8.7	7.8	6.7	7.2	7.1	5.9	6.4	12.0	9.8	10.9
25	8.8	8.1	8.5	8.8	6.7	7.3	7.3	5.6	6.5	11.8	8.7	10.2
26	8.4	7.8	8.2	8.2	6.4	7.6	10.1	6.6	8.1	12.5	8.5	10.6
27	9.2	7.6	8.5	8.3	7.3	7.9	10.2	7.9	8.9	12.9	9.1	11.1
28	10.8	7.1	8.7	8.6	7.3	7.9	10.2	7.6	8.7	12.1	8.6	10.1
29	---	---	---	8.8	7.7	8.2	9.9	7.8	8.8	11.0	6.6	9.4
30	---	---	---	8.3	7.4	7.9	11.2	7.2	9.0	10.8	8.6	9.8
31	---	---	---	8.3	6.8	7.8	---	---	---	11.5	8.3	9.7
MONTH	10.8	7.1	8.9	10.8	6.2	7.7	11.2	4.1	6.7	17.2	5.3	11.4

SANTEE RIVER BASIN

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02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.8	8.4	10.1	8.0	6.0	7.1	6.0	2.8	4.2	9.5	6.7	8.1
2	10.6	7.3	9.1	8.8	6.6	7.6	7.5	3.2	5.2	8.4	5.9	7.2
3	10.9	8.1	9.6	8.7	7.1	8.0	8.9	3.1	6.0	6.2	3.7	5.2
4	9.7	7.7	8.6	8.9	7.7	8.4	9.2	5.6	7.5	7.2	4.1	5.4
5	8.6	5.8	7.2	8.8	7.5	8.0	10.5	7.7	9.1	6.5	3.8	4.8
6	9.7	5.7	7.3	8.4	6.6	7.4	11.5	8.8	10.2	9.0	5.7	7.4
7	10.2	5.9	7.9	8.7	7.1	8.0	12.0	9.2	10.6	11.7	5.0	9.1
8	11.8	7.1	9.3	8.8	7.3	8.1	11.4	8.7	10.4	10.5	7.1	8.7
9	11.2	8.4	9.7	9.5	7.0	8.3	11.3	8.3	9.9	10.9	6.3	8.4
10	---	---	---	9.4	8.3	8.8	12.8	8.2	10.8	12.1	7.8	9.1
11	---	---	---	9.0	7.8	8.4	---	---	---	11.5	7.8	9.6
12	---	---	---	8.7	6.8	7.8	---	---	---	11.7	8.4	10.1
13	---	---	---	8.5	6.3	7.2	---	---	---	11.5	7.7	9.6
14	10.9	6.2	8.5	8.1	5.4	6.9	---	---	---	10.0	7.5	8.7
15	10.9	7.2	9.4	8.1	6.4	7.1	---	---	---	9.7	7.2	8.4
16	12.0	4.5	7.9	8.9	6.0	7.3	---	---	---	10.7	7.6	9.3
17	---	---	---	9.3	6.2	8.1	---	---	---	11.7	9.0	10.2
18	---	---	---	9.7	7.1	8.3	---	---	---	10.8	9.1	9.8
19	---	---	---	10.4	5.7	9.2	8.7	7.0	7.9	9.5	8.3	9.0
20	---	---	---	9.7	5.7	7.8	8.3	5.8	7.0	11.3	8.3	9.3
21	---	---	---	10.3	7.8	9.0	8.8	5.0	6.7	11.0	9.1	9.9
22	---	---	---	9.8	8.4	9.1	8.4	5.1	7.1	12.0	7.0	9.9
23	---	---	---	9.6	7.3	8.3	7.9	6.1	7.2	10.4	6.9	8.5
24	---	---	---	9.7	6.3	8.0	8.6	5.4	7.3	10.2	6.2	8.3
25	---	---	---	9.9	6.9	8.3	8.6	6.6	7.7	11.2	6.9	8.6
26	---	---	---	9.2	7.1	8.2	7.9	5.9	7.1	10.9	7.4	9.0
27	---	---	---	7.8	4.6	6.6	7.3	5.2	6.3	10.5	7.3	8.9
28	---	---	---	8.4	3.9	6.1	7.2	5.4	6.4	10.5	7.8	9.1
29	---	---	---	9.4	6.2	7.8	8.0	5.8	7.1	10.6	6.8	8.2
30	---	---	---	9.7	7.1	8.5	8.7	6.8	7.8	9.9	6.5	8.3
31	---	---	---	8.0	5.1	6.6	8.7	6.8	7.9	---	---	---
MONTH	---	---	---	10.4	3.9	7.9	---	---	---	12.1	3.7	8.5

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MIDDLE											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.3	4.5	6.1	9.4	6.1	7.7	7.1	5.8	6.4	7.4	6.5	7.0
2	7.2	4.6	6.3	9.2	6.9	7.8	7.2	4.8	5.8	7.6	6.4	7.0
3	7.0	5.2	6.3	9.3	7.2	8.1	6.5	5.5	5.8	7.1	6.3	6.7
4	8.1	5.4	6.2	10.3	7.4	8.3	7.0	5.9	6.5	7.1	6.3	6.7
5	9.1	5.3	6.6	10.0	7.5	8.5	7.2	6.3	6.7	6.8	6.2	6.5
6	8.0	5.2	6.1	9.5	7.9	8.5	6.9	6.2	6.6	6.9	6.2	6.6
7	7.3	5.6	6.4	8.9	7.5	8.0	7.1	6.2	6.5	7.2	6.2	6.5
8	8.2	5.4	6.7	8.9	7.5	8.0	6.8	6.2	6.4	8.2	6.9	7.5
9	8.8	5.5	7.3	10.4	6.8	8.5	6.8	6.0	6.4	8.3	7.9	8.1
10	9.1	5.5	7.4	9.5	7.0	8.2	6.6	5.9	6.3	8.3	7.5	7.9
11	9.7	6.5	7.3	10.2	6.9	8.1	6.4	5.8	6.2	8.1	7.4	7.7
12	9.7	5.2	7.3	8.8	6.9	7.9	7.0	5.6	6.4	7.8	6.8	7.3
13	9.3	6.9	8.3	8.5	7.0	7.8	6.2	5.5	6.0	8.0	7.0	7.5
14	9.3	7.2	8.3	8.6	8.1	8.3	6.3	5.9	6.1	8.3	6.7	7.6
15	9.3	6.3	7.4	8.5	7.0	7.8	6.5	5.9	6.2	8.2	7.3	7.6
16	7.6	6.1	6.8	8.2	6.2	7.4	6.6	5.9	6.2	8.1	7.6	7.8
17	7.0	6.3	6.6	7.4	5.3	6.6	6.8	5.7	6.1	9.0	8.0	8.3
18	6.8	6.0	6.4	7.6	5.4	6.5	7.0	5.7	6.0	9.1	8.0	8.4
19	7.2	6.0	6.6	6.7	4.6	5.6	6.3	5.4	6.0	8.7	7.9	8.4
20	7.9	6.2	6.7	6.2	4.4	5.4	6.7	5.4	6.0	8.9	8.4	8.6
21	9.3	6.2	7.1	7.7	4.9	6.0	6.4	5.4	5.9	8.5	8.1	8.3
22	8.4	6.4	7.4	7.3	4.3	6.0	6.5	5.6	6.3	8.5	7.9	8.2
23	9.5	6.7	7.5	6.9	4.1	5.5	7.0	6.3	6.5	9.2	8.5	9.0
24	8.8	7.4	8.0	8.9	3.4	6.0	7.8	6.5	7.1	9.1	8.5	8.9
25	9.8	7.0	8.2	7.6	3.5	6.1	7.9	7.4	7.6	9.0	8.2	8.5
26	8.7	6.3	7.4	7.4	5.4	6.3	7.4	6.8	7.2	8.6	7.8	8.3
27	8.3	6.8	7.6	7.3	5.4	5.9	7.4	6.7	7.1	9.3	7.8	8.5
28	8.2	6.4	7.3	6.8	4.7	5.7	7.1	6.2	6.7	11.4	9.3	9.9
29	8.0	6.0	7.1	8.7	5.2	6.0	6.6	6.0	6.4	10.0	8.9	9.4
30	7.1	5.8	6.5	8.4	6.3	7.1	7.1	6.0	6.7	9.6	8.7	9.2
31	9.5	5.8	7.2	---	---	---	7.6	6.6	7.0	9.2	8.4	8.8
MONTH	9.8	4.5	7.0	10.4	3.4	7.1	7.9	4.8	6.4	11.4	6.2	8.0

DAY	MIDDLE											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.1	8.2	8.6	8.4	7.0	7.7	8.1	6.4	7.7	7.6	4.5	6.3
2	8.6	8.1	8.4	9.8	7.6	8.7	7.8	6.2	7.2	7.4	5.0	6.4
3	9.7	8.1	8.7	10.0	8.7	9.2	7.1	5.2	6.0	7.7	5.8	6.9
4	10.4	9.3	9.9	9.7	8.2	9.0	8.7	6.2	7.4	7.4	5.5	6.7
5	9.9	9.3	9.6	9.0	8.1	8.5	6.6	4.3	5.8	7.4	5.9	6.8
6	9.8	9.0	9.4	9.0	7.5	8.1	6.0	3.5	4.8	8.1	6.0	7.0
7	9.7	9.0	9.2	8.8	7.7	8.1	5.8	4.0	4.8	8.4	6.2	7.5
8	9.7	8.8	9.2	9.2	7.8	8.3	6.2	3.3	5.0	12.5	6.5	9.5
9	9.8	8.7	9.1	9.6	8.6	9.2	8.1	3.2	6.6	9.4	6.4	8.0
10	9.0	8.2	8.7	8.8	8.1	8.3	6.9	4.5	5.8	7.5	4.7	6.5
11	9.5	8.7	9.0	8.5	7.7	8.1	6.3	3.8	4.8	6.9	4.5	5.3
12	9.6	8.7	9.3	8.4	7.0	7.6	5.3	3.2	4.2	7.1	4.2	5.0
13	9.6	8.5	8.9	8.2	7.1	7.6	4.8	2.7	3.6	6.0	2.0	4.1
14	9.5	8.0	8.8	8.4	7.1	7.6	5.0	2.9	3.9	5.8	2.0	4.2
15	9.7	8.2	8.9	7.4	6.2	6.8	5.4	3.4	4.5	6.1	2.0	4.1
16	10.0	8.6	9.2	8.1	6.2	7.0	6.6	4.1	5.3	6.4	1.9	3.6
17	10.2	8.6	9.5	7.9	7.0	7.5	6.6	4.2	5.5	6.7	1.9	4.7
18	10.3	8.7	9.9	7.8	6.3	7.1	7.0	4.1	5.3	6.2	3.6	4.9
19	10.3	9.3	9.7	7.8	6.5	7.3	5.8	2.9	4.2	5.6	3.1	4.5
20	10.4	9.3	9.8	8.0	6.7	7.2	5.2	2.8	4.3	5.2	3.3	4.5
21	10.3	8.9	9.7	8.4	7.5	7.9	6.2	3.0	4.1	4.5	3.0	4.0
22	10.8	8.8	9.7	8.3	6.8	7.9	7.1	3.0	4.7	4.6	2.6	3.4
23	9.1	8.6	8.9	8.7	6.8	7.8	6.8	3.1	4.7	4.2	2.2	3.2
24	9.5	8.3	8.8	8.0	6.8	7.4	6.7	3.1	4.8	3.6	1.9	2.9
25	9.0	7.8	8.6	8.8	6.4	7.3	7.2	3.9	5.5	3.5	1.5	2.4
26	8.8	7.7	8.2	8.7	6.3	7.2	7.9	4.5	6.5	2.5	.9	1.7
27	9.2	7.7	8.4	8.0	6.4	7.4	8.0	5.4	6.6	1.7	.4	1.2
28	8.6	7.1	7.9	9.2	6.4	7.5	8.8	3.9	6.7	2.0	.5	1.0
29	---	---	---	8.3	5.9	7.4	8.0	3.9	5.9	1.6	.2	.9
30	---	---	---	8.3	6.3	7.4	8.7	4.8	6.0	6.0	.0	1.6
31	---	---	---	8.1	5.8	7.5	---	---	---	4.7	.1	2.0
MONTH	10.8	7.1	9.1	10.0	5.8	7.8	8.8	2.7	5.4	12.5	.0	4.5

SANTEE RIVER BASIN

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02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

	MIDDLE											
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3.4	.6	2.0	2.7	.0	.6	6.0	2.4	4.1	---	---	---
2	4.2	.0	1.1	.8	.0	.0	6.3	3.3	4.5	6.6	1.0	4.5
3	4.1	.2	1.2	3.3	.0	.9	5.7	3.2	4.1	5.7	3.4	4.7
4	5.2	.1	1.5	4.7	.7	2.4	5.8	3.6	5.0	5.1	3.4	4.4
5	.9	.0	.3	4.0	.1	1.6	6.5	4.0	5.1	3.5	2.1	2.7
6	.5	.0	.1	5.5	.0	3.0	7.2	4.3	5.3	2.2	1.6	1.9
7	6.0	.0	.7	6.7	3.1	5.2	6.2	.5	4.0	3.1	1.3	2.2
8	7.4	1.1	5.0	7.3	1.7	4.1	5.6	.5	2.7	7.5	1.7	2.5
9	7.0	2.8	5.8	6.9	.9	3.2	6.5	2.0	4.1	6.1	1.6	3.8
10	8.3	4.1	5.8	4.9	.2	1.5	6.6	2.4	4.9	6.3	2.3	4.5
11	7.8	2.3	4.7	6.6	.0	1.4	5.8	1.5	4.1	8.0	3.2	5.6
12	4.0	1.0	3.0	6.6	1.4	4.3	3.7	.2	1.7	8.9	3.5	6.2
13	8.0	1.4	3.2	6.1	4.5	5.2	6.2	.0	2.0	7.1	2.4	5.1
14	3.2	.1	.9	6.0	4.2	5.3	7.2	.3	3.1	7.1	2.5	3.8
15	3.5	.0	1.0	6.5	4.3	5.3	5.9	1.0	4.8	---	---	---
16	6.3	.3	1.8	7.3	4.1	5.7	7.1	3.6	4.9	---	---	---
17	2.1	.0	.5	6.1	2.9	4.5	6.4	2.7	4.4	---	---	---
18	1.0	.0	.3	6.8	2.0	3.8	5.2	.1	2.9	---	---	---
19	5.9	.5	3.3	4.7	.2	2.1	3.8	.1	1.4	4.0	1.3	2.9
20	5.1	2.4	3.6	5.9	.5	2.8	4.7	.0	2.3	7.0	2.4	5.8
21	5.6	2.0	3.8	4.9	.6	3.1	4.3	1.1	3.4	7.0	5.1	5.9
22	5.2	2.7	3.8	4.3	.5	2.1	4.5	2.4	3.3	7.5	2.9	5.9
23	3.9	1.8	2.9	4.7	.7	2.6	4.1	1.4	2.6	7.4	2.9	5.5
24	3.7	1.8	2.5	5.2	.0	2.0	2.9	.4	1.4	7.1	4.5	5.8
25	4.5	1.3	2.2	5.4	.0	2.4	3.2	.1	.7	6.5	4.9	5.7
26	4.0	.9	2.1	2.6	.0	.7	5.9	.0	1.5	6.0	4.0	5.4
27	2.4	.7	1.5	6.8	.0	2.9	4.9	.2	2.8	5.1	3.4	4.3
28	2.2	.0	1.0	5.5	2.5	4.5	4.2	.7	2.3	4.5	2.3	3.5
29	1.4	.2	.8	5.9	.4	3.0	4.1	.6	1.9	7.2	2.8	4.2
30	6.1	.0	1.6	2.3	.0	1.5	---	---	---	7.5	1.8	4.4
31	---	---	---	7.9	.9	3.2	---	---	---	---	---	---
MONTH	8.3	.0	2.3	7.9	.0	2.9	---	---	---	---	---	---

SANTEE RIVER BASIN

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.6	1.8	4.7	---	---	---	7.7	5.4	6.3	7.5	6.7	7.1
2	6.1	2.4	4.4	---	---	---	5.7	3.7	4.9	7.1	6.7	6.9
3	7.9	2.8	5.8	---	---	---	6.0	4.0	5.3	6.9	6.0	6.4
4	8.9	4.3	6.4	---	---	---	7.1	3.6	5.0	6.7	5.5	6.1
5	7.7	3.7	5.2	---	---	---	8.0	5.4	6.9	7.1	6.4	6.7
6	4.1	.0	2.0	---	---	---	---	---	---	7.2	6.6	6.9
7	2.7	.0	.5	8.2	6.5	7.4	---	---	---	6.8	6.4	6.7
8	2.7	.0	.6	7.3	6.2	6.6	---	---	---	6.7	6.1	6.5
9	1.8	.0	.4	7.2	6.3	6.6	---	---	---	7.5	6.0	6.5
10	.6	.0	.0	6.7	4.6	5.6	---	---	---	7.9	5.7	6.3
11	.0	.0	.0	5.9	4.6	5.2	---	---	---	6.5	5.1	5.8
12	.6	.0	.0	5.9	4.3	5.2	---	---	---	5.6	4.8	5.2
13	2.7	.0	.1	6.9	4.0	5.8	---	---	---	7.5	4.5	5.1
14	.1	.0	.0	6.8	6.5	6.7	---	---	---	7.2	3.8	5.2
15	4.0	.0	.3	6.8	6.3	6.5	---	---	---	8.1	3.8	6.6
16	---	---	---	6.5	5.8	6.3	---	---	---	9.5	7.7	8.0
17	---	---	---	6.1	5.6	5.8	---	---	---	8.4	8.1	8.2
18	---	---	---	5.8	5.1	5.4	---	---	---	8.4	8.0	8.2
19	---	---	---	5.2	4.4	4.9	---	---	---	8.5	7.9	8.3
20	---	---	---	5.0	3.9	4.5	6.5	5.6	6.0	8.5	8.1	8.3
21	---	---	---	4.9	4.1	4.5	6.4	5.6	6.0	8.3	7.8	8.1
22	---	---	---	4.5	3.7	4.1	7.5	5.7	6.8	8.1	7.4	7.8
23	---	---	---	3.9	3.3	3.6	7.5	7.1	7.3	9.1	8.1	8.8
24	---	---	---	3.9	3.2	3.5	8.8	7.2	7.9	8.9	8.2	8.7
25	---	---	---	3.7	3.1	3.4	8.8	8.3	8.5	8.6	7.7	8.2
26	---	---	---	5.2	2.7	3.3	8.3	7.4	7.8	7.9	7.1	7.5
27	---	---	---	5.4	3.2	4.4	7.9	7.3	7.5	9.0	7.1	8.0
28	---	---	---	5.0	3.2	4.2	7.7	6.7	7.2	9.5	9.0	9.3
29	---	---	---	5.6	3.0	4.6	7.2	6.5	6.8	9.2	8.5	8.9
30	---	---	---	7.7	3.7	5.8	7.5	6.6	7.1	9.1	8.4	8.7
31	---	---	---	---	---	---	7.6	7.1	7.4	8.8	7.9	8.4
MONTH	---	---	---	---	---	---	---	---	---	9.5	3.8	7.3

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.6	7.9	8.3	7.3	6.2	6.8	6.3	2.8	4.2	1.1	.2	.6
2	8.2	7.5	7.9	8.9	6.3	7.0	4.7	3.3	4.0	3.8	.0	1.8
3	9.3	7.8	8.7	9.0	7.6	8.4	4.9	3.5	3.9	3.8	.2	1.4
4	10.0	9.3	9.8	8.8	8.1	8.4	6.0	4.5	5.3	4.4	1.6	2.5
5	9.8	9.3	9.7	8.5	8.0	8.2	4.5	3.4	4.1	4.4	1.7	1.9
6	9.4	8.5	9.2	8.6	6.5	7.9	4.2	2.1	2.9	1.9	1.5	1.7
7	9.4	8.9	9.1	8.6	7.0	8.0	3.1	1.0	1.8	1.8	1.3	1.6
8	9.3	8.7	9.0	8.5	7.5	7.8	2.1	.6	1.2	4.1	.6	2.3
9	9.1	8.4	8.7	8.6	7.7	8.2	5.0	.7	2.7	4.0	1.6	2.5
10	9.0	7.8	8.5	7.8	7.2	7.6	4.5	3.7	4.3	2.5	1.0	1.8
11	8.4	7.3	7.9	7.7	7.1	7.3	4.3	2.0	3.6	2.0	.0	.7
12	8.6	7.2	7.8	7.7	6.6	6.9	2.8	.8	1.6	1.1	.0	.3
13	8.1	7.1	7.4	8.3	7.0	7.6	2.2	1.0	1.6	.8	.0	.2
14	7.9	6.8	7.4	7.8	6.7	7.1	1.9	.3	1.4	.0	.0	.0
15	7.9	6.9	7.3	7.0	6.0	6.4	1.7	.3	1.0	.0	.0	.0
16	8.5	7.5	7.9	6.7	5.9	6.2	2.8	1.0	1.6	.0	.0	.0
17	8.9	7.6	8.4	6.8	6.0	6.5	3.2	.9	1.6	.0	.0	.0
18	9.1	8.3	8.8	6.9	6.5	6.7	2.5	1.3	1.8	.0	.0	.0
19	9.6	8.3	8.8	6.8	6.3	6.6	2.1	1.1	1.4	.0	.0	.0
20	9.0	8.2	8.6	6.7	6.0	6.2	1.3	.0	.7	.0	.0	.0
21	8.7	8.2	8.4	7.0	6.3	6.7	.1	.0	.0	.0	.0	.0
22	9.0	7.8	8.5	7.0	6.5	6.7	.0	.0	.0	.0	.0	.0
23	9.0	8.7	8.9	6.8	6.2	6.5	.0	.0	.0	.0	.0	.0
24	8.9	8.4	8.7	6.5	5.8	6.2	.0	.0	.0	.0	.0	.0
25	9.3	8.3	8.8	6.2	5.4	5.8	.0	.0	.0	.0	.0	.0
26	9.2	8.0	8.8	5.9	4.9	5.3	4.5	.0	.8	.0	.0	.0
27	8.7	7.3	7.9	5.2	4.5	4.9	2.4	.0	.5	.0	.0	.0
28	7.5	6.6	7.0	6.1	4.2	4.9	2.5	1.5	2.1	.0	.0	.0
29	---	---	---	4.7	3.7	4.3	1.7	.2	1.0	.0	.0	.0
30	---	---	---	5.2	3.1	4.1	.7	.0	.2	.0	.0	.0
31	---	---	---	4.5	3.0	3.6	---	---	---	.0	.0	.0
MONTH	10.0	6.6	8.4	9.0	3.0	6.6	6.3	.0	1.8	4.4	.0	.6

SANTEE RIVER BASIN

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02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	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
2	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0
3	.0	.0	.0	.0	.0	.0	4.9	.0	2.7	6.8	.0	2.4
4	.0	.0	.0	.0	.0	.0	5.2	1.7	3.6	5.9	4.4	5.1
5	.0	.0	.0	.0	.0	.0	5.6	.0	1.9	4.4	2.4	3.3
6	.0	.0	.0	.0	.0	.0	1.5	.0	.2	4.9	2.2	2.7
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	2.1	3.4
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	2.4	4.2
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	.0	3.3
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.8
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	2.7
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	4.9	.0	.9	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	3.1	.0	1.2	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	4.1	.0	.8	2.4	.0	.1	.0	.0	.0
17	.0	.0	.0	2.0	.0	.3	.9	.0	.1	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	2.5	.0	.2	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	2.6	.0	.2	.1	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	.0	2.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	.9	7.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	3.7	5.9
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	.0	2.2
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.2
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0
31	---	---	---	.0	.0	.0	.0	.0	.0	---	---	---
MONTH	.0	.0	.0	4.9	.0	.1	5.6	.0	.3	9.5	.0	1.5

Santee River Basin

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 mi², 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 ft³ between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 15,590,000,000 ft³. 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, 358.58 ft, May 9; minimum gage height, 352.00 ft, Dec. 22.

GAGE HEIGHT, FEET, 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	353.60	353.89	353.00	354.44	354.86	356.16	357.15	358.30	356.97	356.24	355.86	354.51
2	353.50	353.96	352.90	354.32	354.73	356.15	357.18	358.25	357.06	356.22	355.81	354.55
3	353.50	353.79	352.88	354.29	355.33	356.15	357.64	358.37	357.05	356.23	355.80	355.49
4	353.47	353.60	352.93	354.27	356.26	356.10	358.03	358.12	357.04	356.21	355.74	356.05
5	353.47	353.45	352.89	354.14	356.90	356.05	358.22	358.12	357.16	356.19	355.72	356.11
6	353.42	353.30	352.86	354.11	357.19	355.97	358.27	358.19	357.12	356.17	355.74	356.05
7	353.36	353.31	352.74	353.91	357.00	356.03	358.30	358.22	356.99	356.12	355.66	356.00
8	353.28	353.19	352.55	354.03	356.56	356.84	358.10	358.45	356.99	356.06	355.76	355.92
9	353.29	353.02	352.51	354.15	356.20	357.57	358.11	358.33	357.09	356.04	355.86	355.79
10	353.28	352.89	352.45	354.28	355.81	358.05	358.05	358.21	357.10	355.93	355.93	355.81
11	353.24	352.82	352.48	354.39	355.85	358.22	357.96	358.16	357.22	355.94	355.90	355.80
12	353.20	352.80	352.49	354.42	355.93	357.91	358.20	358.20	356.99	355.95	355.86	355.79
13	353.15	352.78	352.46	354.50	355.91	357.54	358.13	358.20	356.94	355.92	355.92	355.73
14	353.12	353.28	352.44	354.52	355.90	357.13	357.95	358.11	356.94	355.89	355.89	355.69
15	353.11	353.37	352.38	354.61	355.89	356.75	357.92	357.87	356.82	355.88	355.92	355.68
16	353.09	353.37	352.37	354.76	356.05	356.74	357.72	358.00	356.80	355.93	355.95	355.71
17	353.02	353.17	352.31	354.97	356.35	356.85	357.73	357.90	356.77	355.98	355.79	355.55
18	353.05	353.03	352.26	355.02	356.06	356.99	357.88	357.74	356.69	355.94	355.83	355.46
19	353.07	352.90	352.22	355.15	355.85	357.22	358.01	357.58	356.64	355.86	355.83	355.42
20	353.01	352.80	352.11	355.20	355.96	357.32	357.85	357.54	356.54	355.93	355.77	355.34
21	352.95	352.79	352.04	355.20	356.00	357.19	358.05	357.36	356.54	355.87	355.74	355.26
22	352.93	352.77	352.20	355.20	356.06	357.25	358.19	357.30	356.57	355.81	355.73	355.17
23	352.86	352.83	352.23	355.52	356.07	357.36	358.20	357.20	356.44	355.78	355.69	355.18
24	352.89	352.93	352.79	355.53	356.13	357.35	358.07	357.18	356.41	355.76	355.55	355.18
25	352.87	352.94	353.34	355.48	356.16	357.26	358.13	357.16	356.33	355.76	355.46	355.11
26	353.18	352.91	353.79	355.34	356.30	357.21	358.15	357.10	356.37	355.76	355.41	355.04
27	353.40	352.85	354.19	355.77	356.11	357.26	358.07	357.08	356.35	355.79	355.21	354.96
28	353.43	352.83	354.38	355.90	356.11	357.19	358.01	356.98	356.37	355.81	355.16	354.68
29	353.51	352.80	354.48	355.85	---	357.19	358.20	356.99	356.32	355.82	354.88	354.57
30	353.60	352.94	354.41	355.59	---	357.15	358.20	357.00	356.28	355.85	354.77	354.54
31	353.68	---	354.44	355.17	---	357.09	---	356.98	---	355.92	354.60	---
MAX	353.68	353.96	354.48	355.90	357.19	358.22	358.30	358.45	357.22	356.24	355.95	356.11
MIN	352.86	352.77	352.04	353.91	354.73	355.97	357.15	356.98	356.28	355.76	354.60	354.51
(+)	353.68	352.94	354.44	355.17	356.11	357.09	358.20	356.98	356.28	355.92	354.60	354.54
(*)	-1,344	-556	+1,094	+538	+814	+806	+972	-1,030	-594	-295	-1,004	-46.3

CAL YR 1997 * +6.85 MAX 358.46 MIN 348.86
WTR YR 1998 * -1.92 MAX 358.45 MIN 352.04

(+) 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.--

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 current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (Top): Maximum, 33.5°C, July 6, 1993, June 29, 1998; 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, several days in Sept. 1993, Sept. 23, 1996; minimum, 7.5°C, many days in Jan., Feb., 1994, Feb., Mar., 1996.

DISSOLVED OXYGEN (Top): Maximum, 14.0 mg/L, Mar. 16, 1995; minimum, 0.0 mg/L, Aug. 26, 1995, several days in Oct. 1996, Oct. 23 - 25, 1997.

DISSOLVED OXYGEN (Bottom): Maximum, 13.0 mg/L, Mar. 5, 1998; minimum, 0.0 mg/L many days in water years 1993 - 1998.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 33.5°C, June 29; minimum, 9.5°C, Jan. 31, many days in Feb.

WATER TEMPERATURE (Bottom): Maximum, 22.5°C, Oct. 11; minimum, 9.0°C, several days in Jan and Feb.

DISSOLVED OXYGEN (Top): Maximum, 11.4 mg/L, Mar. 29, 30; minimum 0.0 mg/L, Oct. 23 - 25.

DISSOLVED OXYGEN (Bottom): Maximum, 13.0 mg/L, Mar. 5; minimum, 0.0 mg/L, many days.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	23.0	23.0	20.5	20.0	20.0	15.5	15.5	15.5	12.0	11.0	11.5
2	23.0	22.5	23.0	20.0	20.0	20.0	15.5	15.5	15.5	12.0	11.0	11.5
3	23.5	22.5	23.0	20.0	19.5	20.0	15.5	15.0	15.0	11.5	11.0	11.5
4	24.0	23.0	23.5	20.0	19.0	19.5	15.5	15.0	15.0	11.5	11.0	11.5
5	24.0	23.5	23.5	19.5	19.0	19.5	15.5	15.0	15.0	11.5	11.0	11.0
6	25.0	24.0	24.0	19.5	19.0	19.5	15.5	15.0	15.0	11.5	11.0	11.0
7	25.5	24.0	24.5	19.5	19.0	19.0	15.5	14.5	15.0	11.5	11.0	11.0
8	25.5	24.5	25.0	19.0	19.0	19.0	15.0	14.0	14.5	11.5	11.0	11.0
9	25.0	23.5	24.5	19.0	18.5	19.0	15.0	14.5	14.5	11.5	11.0	11.5
10	25.5	24.0	24.5	19.0	18.5	18.5	14.5	14.0	14.5	11.5	11.0	11.5
11	25.0	24.0	24.5	18.5	18.5	18.5	14.5	14.0	14.0	---	---	---
12	24.5	23.0	23.5	18.5	18.5	18.5	14.5	14.0	14.0	12.0	11.0	11.5
13	23.0	22.5	23.0	18.5	18.0	18.0	14.5	14.0	14.0	11.5	11.0	11.0
14	24.5	23.0	23.5	18.0	18.0	18.0	14.0	13.5	14.0	12.0	10.5	11.0
15	23.5	22.0	22.5	18.0	17.5	17.5	14.0	13.5	13.5	11.0	10.5	11.0
16	22.0	22.0	22.0	17.5	17.5	17.5	14.0	13.0	13.5	11.0	10.5	10.5
17	22.0	21.5	22.0	17.5	17.0	17.0	13.5	13.0	13.5	11.5	10.5	11.0
18	21.5	21.5	21.5	17.0	16.5	17.0	13.5	13.0	13.0	11.5	10.5	11.0
19	21.5	21.0	21.0	17.0	16.5	17.0	13.0	12.5	13.0	11.5	10.5	10.5
20	21.5	21.0	21.0	17.0	16.5	16.5	13.0	12.5	12.5	11.0	10.5	10.5
21	21.5	21.0	21.0	16.5	16.5	16.5	13.0	12.5	12.5	11.5	10.5	10.5
22	21.5	21.0	21.0	16.5	16.5	16.5	12.5	12.0	12.5	11.0	10.5	10.5
23	21.0	20.5	21.0	16.5	16.5	16.5	13.0	12.0	12.5	11.0	10.5	10.5
24	21.0	20.5	20.5	16.5	16.0	16.0	12.5	12.0	12.5	11.0	10.5	10.5
25	20.5	20.5	20.5	16.0	15.5	16.0	12.5	12.0	12.0	11.0	10.0	10.5
26	21.0	20.5	20.5	16.0	15.5	15.5	13.0	12.0	12.5	11.0	10.5	10.5
27	21.0	20.5	20.5	15.5	15.5	15.5	12.5	12.0	12.5	11.0	10.0	10.5
28	20.5	20.0	20.5	15.5	15.5	15.5	12.5	12.0	12.5	10.0	10.0	10.0
29	20.5	20.0	20.5	15.5	15.5	15.5	12.5	12.0	12.0	10.0	10.0	10.0
30	20.5	20.0	20.0	15.5	15.5	15.5	12.5	11.5	12.0	10.0	10.0	10.0
31	20.0	20.0	20.0	---	---	---	12.0	11.0	11.5	10.0	9.5	10.0
MONTH	25.5	20.0	22.2	20.5	15.5	17.6	15.5	11.0	13.5	---	---	---

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.0	9.5	9.5	12.5	10.5	11.5	16.5	15.0	15.5	19.0	16.0	18.0
2	10.5	9.5	9.5	12.5	11.0	11.5	18.0	14.5	16.0	19.0	18.0	18.5
3	10.5	10.0	10.5	12.0	11.5	11.5	17.5	15.5	16.0	19.0	18.5	18.5
4	10.5	9.5	10.0	11.5	11.5	11.5	15.5	14.5	15.5	19.5	18.5	19.0
5	9.5	9.5	9.5	11.5	11.0	11.5	15.5	14.0	14.5	21.5	19.0	20.0
6	9.5	9.5	9.5	11.5	11.0	11.0	16.5	15.0	15.5	21.5	19.0	20.0
7	9.5	9.5	9.5	11.0	10.5	11.0	17.0	16.0	16.5	20.5	19.5	20.0
8	9.5	9.5	9.5	11.0	10.5	11.0	17.5	16.0	16.5	21.0	19.5	20.5
9	10.0	9.5	9.5	11.0	11.0	11.0	17.5	17.0	17.0	23.0	20.0	21.5
10	10.5	9.5	9.5	11.5	10.5	11.0	17.0	16.0	16.5	22.5	19.5	21.0
11	10.0	9.5	9.5	11.0	10.5	10.5	16.5	15.0	15.5	21.5	19.5	20.0
12	10.5	10.0	10.0	10.5	10.5	10.5	16.0	14.5	15.0	23.0	20.5	21.5
13	10.5	10.0	10.0	12.0	10.5	11.0	17.0	15.0	16.0	23.0	20.0	21.5
14	10.5	9.5	10.0	11.0	10.5	10.5	16.5	16.0	16.0	24.5	21.5	22.5
15	10.0	9.5	10.0	12.5	10.5	11.0	17.5	16.0	16.5	26.0	21.0	23.0
16	10.0	9.5	10.0	12.0	10.5	11.0	17.5	16.5	17.0	27.0	25.0	25.5
17	10.5	9.5	10.0	10.5	10.5	10.5	17.0	16.5	16.5	27.0	26.0	26.5
18	10.0	9.5	10.0	10.5	10.5	10.5	17.0	16.0	16.5	---	---	---
19	10.5	10.0	10.0	10.5	10.0	10.5	16.5	16.0	16.5	---	---	---
20	11.0	10.0	10.5	11.5	10.5	11.0	18.0	16.5	16.5	---	---	---
21	10.5	10.5	10.5	11.0	11.0	11.0	16.5	16.0	16.5	---	---	---
22	10.5	10.0	10.5	11.0	10.5	11.0	17.5	16.0	16.5	---	---	---
23	10.5	10.0	10.5	12.0	10.5	11.0	17.0	16.5	17.0	---	---	---
24	11.0	10.0	10.5	12.0	10.5	11.0	18.5	16.5	17.5	---	---	---
25	11.0	10.0	10.5	11.5	10.5	11.0	19.5	17.5	18.0	---	---	---
26	11.0	10.0	10.5	13.0	10.5	10.5	19.5	18.0	18.5	29.5	28.5	29.0
27	11.0	10.0	10.5	14.5	12.0	13.0	19.0	18.0	18.5	30.0	28.5	29.5
28	12.5	10.5	11.0	16.5	11.5	12.5	18.0	17.0	17.5	31.0	28.5	29.5
29	---	---	---	16.5	11.5	14.0	18.0	17.5	18.0	29.5	25.0	28.5
30	---	---	---	17.5	13.5	15.5	18.5	16.0	17.0	30.5	28.5	29.0
31	---	---	---	16.5	14.0	15.5	---	---	---	29.5	28.0	29.0
MONTH	12.5	9.5	10.0	17.5	10.0	11.5	19.5	14.0	16.5	---	---	---

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.0	28.5	29.0	31.0	30.5	31.0	30.0	29.5	30.0	30.0	29.5	30.0
2	30.0	29.0	29.5	31.5	30.5	31.0	29.5	28.5	29.0	30.5	29.5	29.5
3	30.5	29.5	30.0	32.0	30.5	31.0	28.5	28.0	28.5	29.5	26.5	28.5
4	30.0	29.0	29.5	32.0	30.5	31.5	28.5	28.0	28.0	28.0	26.5	27.0
5	29.5	29.0	29.0	31.5	29.5	30.5	29.0	27.5	28.0	29.0	27.0	28.0
6	29.0	28.0	28.5	29.5	29.0	29.5	28.5	28.0	28.0	29.0	27.5	28.0
7	28.0	27.5	27.5	31.0	29.0	30.0	28.5	27.5	28.0	29.0	28.0	28.5
8	29.0	27.5	28.0	30.5	29.5	30.0	29.5	27.5	28.5	28.5	27.5	28.0
9	28.0	27.0	27.5	31.5	30.0	30.5	---	---	---	27.5	27.0	27.5
10	27.5	26.5	27.0	31.0	29.5	30.5	---	---	---	28.0	26.5	27.0
11	30.0	26.5	28.0	30.5	29.0	29.5	---	---	---	28.0	27.0	27.0
12	30.0	28.0	29.0	29.5	29.0	29.0	31.5	29.0	30.0	27.5	27.0	27.0
13	29.0	28.5	28.5	29.0	28.5	29.0	29.5	28.5	29.0	28.0	27.0	27.5
14	29.0	28.0	28.5	29.0	28.0	28.5	29.0	28.0	28.5	27.5	27.0	27.5
15	28.5	28.0	28.5	28.5	28.0	28.0	29.5	28.0	28.5	28.0	26.5	27.0
16	28.5	27.5	28.0	29.0	28.0	28.5	30.0	28.5	29.0	29.0	27.0	27.5
17	28.5	27.5	28.0	29.5	28.0	28.5	29.5	29.0	29.0	28.5	27.0	28.0
18	30.0	28.0	29.0	30.0	28.5	29.0	30.5	29.0	29.5	28.0	27.0	27.5
19	30.0	29.0	29.5	31.5	29.0	30.0	30.0	29.0	29.5	27.5	26.5	26.5
20	30.0	28.0	29.0	31.5	28.5	29.5	29.0	28.5	28.5	27.5	26.0	27.0
21	30.5	29.0	30.0	30.5	29.5	30.0	29.0	28.0	28.5	27.5	27.0	27.0
22	32.5	29.5	31.0	31.5	29.5	30.5	30.0	28.0	29.0	29.0	27.0	28.0
23	32.0	30.0	31.0	30.5	29.5	30.0	30.0	29.0	29.5	27.5	26.5	27.0
24	32.0	30.5	31.5	31.0	30.0	30.5	30.5	29.0	29.5	26.5	26.0	26.5
25	31.5	30.5	31.0	31.0	30.0	30.5	30.5	29.0	29.5	27.0	26.0	26.5
26	31.5	30.0	30.5	31.5	30.5	30.5	29.0	28.0	28.5	27.5	26.0	26.5
27	32.0	30.5	31.0	30.5	30.0	30.0	29.5	28.0	28.5	28.0	26.0	27.0
28	32.5	30.5	31.5	31.0	29.5	30.5	30.5	28.5	29.5	27.0	27.0	27.0
29	33.5	31.5	32.0	32.0	30.0	31.0	30.0	29.0	29.5	27.0	26.5	26.5
30	32.0	31.0	31.5	31.5	30.5	31.0	30.5	29.5	30.0	26.5	26.5	26.5
31	---	---	---	31.0	30.0	30.5	31.0	30.0	30.5	---	---	---
MONTH	33.5	26.5	29.4	32.0	28.0	30.0	---	---	---	30.5	26.0	27.4

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.5	19.0	21.0	19.5	19.5	19.5	14.5	14.0	14.5	10.5	10.0	10.0
2	21.5	21.0	21.0	19.5	19.5	19.5	14.0	14.0	14.0	10.5	10.0	10.0
3	21.0	21.0	21.0	19.5	19.0	19.5	14.0	13.5	14.0	11.0	10.0	10.0
4	21.0	21.0	21.0	19.5	19.0	19.0	14.0	14.0	14.0	10.0	10.0	10.0
5	21.5	21.0	21.0	19.0	18.5	19.0	14.0	13.5	14.0	10.0	9.5	10.0
6	21.5	20.5	21.5	19.0	18.5	18.5	14.0	13.5	13.5	10.0	9.5	9.5
7	21.5	20.5	21.0	18.5	18.5	18.5	13.5	13.0	13.0	10.0	9.5	9.5
8	21.5	20.5	21.0	18.5	18.0	18.5	13.0	12.5	13.0	10.0	9.0	9.5
9	21.5	20.5	21.0	18.0	18.0	18.0	13.0	12.5	13.0	11.0	9.5	10.5
10	22.0	20.5	21.0	18.0	17.5	18.0	13.0	12.5	12.5	10.5	9.5	10.0
11	22.5	20.5	21.0	18.0	17.5	17.5	13.0	12.5	12.5	---	---	---
12	22.0	20.5	21.0	17.5	17.5	17.5	12.5	12.5	12.5	10.5	10.0	10.5
13	22.0	20.5	21.0	17.5	17.0	17.0	12.5	12.5	12.5	10.5	10.0	10.0
14	22.5	20.5	21.5	17.0	17.0	17.0	12.5	12.0	12.0	10.5	9.0	9.5
15	22.0	20.5	21.0	17.0	16.5	17.0	12.0	12.0	12.0	10.0	9.0	9.5
16	21.5	20.5	21.0	16.5	16.5	16.5	12.0	12.0	12.0	10.5	9.5	10.0
17	21.0	20.5	20.5	16.5	16.0	16.0	12.0	11.5	11.5	10.5	9.5	10.0
18	21.0	20.5	21.0	16.0	15.5	16.0	11.5	11.5	11.5	10.0	10.0	10.0
19	21.0	20.5	21.0	15.5	15.5	15.5	11.5	11.5	11.5	10.5	10.0	10.0
20	21.0	20.5	21.0	15.5	15.5	15.5	11.5	11.0	11.5	10.0	10.0	10.0
21	21.0	20.5	21.0	15.5	15.0	15.0	11.5	11.0	11.0	10.0	10.0	10.0
22	21.0	21.0	21.0	15.0	14.5	15.0	11.0	11.0	11.0	10.0	9.5	10.0
23	21.0	20.5	20.5	15.0	14.5	14.5	11.5	11.0	11.0	10.5	9.5	10.0
24	20.5	20.5	20.5	14.5	14.5	14.5	11.0	11.0	11.0	10.5	10.0	10.0
25	20.5	20.0	20.5	14.5	14.5	14.5	11.5	11.0	11.0	10.0	10.0	10.0
26	20.5	20.0	20.0	14.5	14.5	14.5	11.5	11.0	11.0	10.0	10.0	10.0
27	20.5	20.0	20.0	14.5	14.5	14.5	11.5	11.0	11.0	10.0	10.0	10.0
28	20.0	20.0	20.0	14.5	14.0	14.5	11.5	11.0	11.0	10.0	9.5	9.5
29	20.0	19.5	19.5	14.5	14.0	14.0	11.0	10.5	11.0	10.0	9.5	9.5
30	20.0	19.5	19.5	14.0	14.0	14.0	11.0	10.5	11.0	10.0	9.5	9.5
31	19.5	19.5	19.5	---	---	---	10.5	10.5	10.5	10.0	9.5	9.5
MONTH	22.5	19.0	20.7	19.5	14.0	16.6	14.5	10.5	12.1	---	---	---

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.5	9.5	9.5	10.0	10.0	10.0	10.0	10.0	10.0	14.0	12.5	13.0
2	9.5	9.5	9.5	11.5	10.0	10.5	10.5	10.0	10.0	14.0	13.0	13.5
3	10.0	9.5	9.5	11.0	10.5	11.0	10.5	10.0	10.0	14.0	13.0	13.5
4	10.0	9.5	9.5	11.0	10.5	11.0	10.5	10.0	10.0	13.5	12.5	13.0
5	9.5	9.5	9.5	11.0	10.5	10.5	10.5	9.5	10.0	14.0	13.0	13.5
6	9.5	9.5	9.5	10.5	10.5	10.5	10.0	9.5	10.0	14.0	13.5	14.0
7	9.5	9.5	9.5	10.5	10.0	10.5	10.0	9.5	10.0	14.5	13.0	14.0
8	9.5	9.5	9.5	10.5	10.0	10.5	10.0	9.5	10.0	15.0	13.5	14.5
9	9.5	9.5	9.5	11.0	10.0	10.5	14.5	10.0	10.5	15.5	13.5	14.0
10	9.5	9.0	9.5	10.5	10.5	10.5	13.5	10.5	12.0	14.5	13.5	14.0
11	9.5	9.0	9.5	10.5	10.5	10.5	13.0	10.0	11.5	14.5	14.0	14.5
12	10.0	9.5	9.5	10.5	10.0	10.0	11.0	10.0	10.5	15.0	13.5	14.5
13	9.5	9.5	9.5	10.0	10.0	10.0	11.0	10.0	10.5	15.0	14.0	14.5
14	9.5	9.0	9.5	10.5	10.0	10.0	12.0	10.5	11.0	14.5	14.0	14.5
15	9.5	9.0	9.5	10.5	10.0	10.0	12.5	11.5	12.0	14.5	14.0	14.5
16	9.0	9.0	9.0	10.5	10.0	10.0	12.5	11.0	11.5	15.0	14.5	15.0
17	9.5	9.0	9.5	10.0	10.0	10.0	12.5	11.0	12.0	15.0	14.5	15.0
18	10.0	9.5	9.5	10.0	10.0	10.0	12.5	11.0	12.0	15.0	14.5	15.0
19	10.0	9.5	9.5	10.0	10.0	10.0	12.0	11.0	11.5	15.0	14.0	15.0
20	10.0	9.5	9.5	11.0	10.0	10.0	13.0	11.5	12.0	15.5	14.5	15.0
21	10.0	9.5	10.0	10.5	10.5	10.5	12.5	11.5	12.0	15.5	14.0	14.5
22	10.0	9.5	9.5	10.5	10.0	10.5	13.0	12.0	12.5	---	---	---
23	10.0	9.5	9.5	10.0	10.0	10.0	13.0	12.0	12.5	---	---	---
24	10.0	10.0	10.0	10.0	10.0	10.0	13.0	11.5	12.0	---	---	---
25	10.0	10.0	10.0	10.0	10.0	10.0	13.0	12.0	12.5	---	---	---
26	10.0	9.5	10.0	10.0	10.0	10.0	13.0	12.5	12.5	15.5	15.0	15.0
27	10.0	9.5	10.0	10.0	9.5	10.0	13.5	12.0	13.0	15.5	15.0	15.5
28	10.0	9.5	10.0	10.0	10.0	10.0	13.0	12.0	12.5	16.0	15.0	15.5
29	---	---	---	10.0	10.0	10.0	13.5	12.5	13.0	15.5	15.0	15.0
30	---	---	---	10.0	10.0	10.0	13.0	12.0	13.0	15.5	15.0	15.5
31	---	---	---	10.0	10.0	10.0	---	---	---	15.5	15.0	15.5
MONTH	10.0	9.0	9.6	11.5	9.5	10.2	14.5	9.5	11.4	---	---	---

Santee River Basin

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	15.5	15.0	15.0	17.0	16.5	16.5	17.5	17.0	17.5	18.5	18.5	18.5
2	15.5	15.0	15.5	17.0	16.5	16.5	18.0	17.5	17.5	18.5	18.0	18.5
3	16.0	15.5	15.5	17.0	16.5	16.5	18.0	17.5	17.5	20.0	18.0	18.5
4	16.0	15.0	15.5	16.5	16.5	16.5	18.0	17.5	17.5	20.0	18.0	18.5
5	16.0	15.0	15.5	17.0	16.5	16.5	18.0	17.5	17.5	19.0	18.5	19.0
6	16.0	15.5	15.5	17.0	16.5	17.0	18.0	17.5	17.5	19.0	18.5	19.0
7	16.0	15.0	15.5	17.0	16.5	17.0	---	---	---	19.5	18.5	19.0
8	16.0	15.0	15.5	17.0	16.5	17.0	---	---	---	19.5	18.5	19.0
9	16.0	15.5	15.5	17.0	16.5	17.0	---	---	---	19.0	18.5	19.0
10	16.5	15.5	16.0	17.5	17.0	17.0	---	---	---	19.0	19.0	19.0
11	16.5	15.5	16.0	17.5	16.5	17.0	---	---	---	19.5	19.0	19.0
12	16.5	15.5	16.0	17.0	16.5	17.0	18.0	17.5	18.0	19.5	19.0	19.0
13	16.5	15.5	16.0	17.5	16.5	17.0	18.5	17.5	18.0	19.5	19.0	19.0
14	16.5	15.5	16.0	17.5	17.0	17.0	18.0	17.5	18.0	19.5	19.0	19.0
15	17.0	16.0	16.5	17.0	17.0	17.0	18.0	17.5	18.0	19.5	18.5	19.0
16	17.0	16.0	16.5	17.0	17.0	17.0	18.5	18.0	18.0	19.5	19.0	19.5
17	16.5	16.0	16.0	17.5	17.0	17.0	18.5	18.0	18.0	19.5	19.0	19.5
18	16.5	16.0	16.5	17.0	17.0	17.0	18.0	18.0	18.0	19.5	19.0	19.0
19	17.0	16.0	16.5	17.5	17.0	17.0	18.0	18.0	18.0	19.5	19.0	19.5
20	16.5	16.0	16.0	17.5	17.0	17.5	18.5	18.0	18.0	19.5	19.0	19.5
21	16.5	16.0	16.5	17.5	17.0	17.5	18.5	18.0	18.0	19.5	19.0	19.5
22	16.5	16.0	16.5	17.5	17.0	17.0	18.5	18.0	18.0	20.0	19.5	19.5
23	16.5	16.0	16.5	17.5	17.0	17.5	18.5	18.0	18.0	20.0	19.5	19.5
24	17.0	16.0	16.5	17.5	17.0	17.5	19.0	18.0	18.0	19.5	19.5	19.5
25	17.0	16.5	16.5	17.5	17.0	17.5	18.5	18.0	18.0	19.5	19.5	19.5
26	17.0	16.0	16.5	17.5	17.0	17.5	18.5	18.0	18.5	20.0	19.5	19.5
27	17.0	16.0	16.5	17.5	17.0	17.5	18.5	18.0	18.5	19.5	19.5	19.5
28	17.0	16.5	16.5	17.5	17.5	17.5	18.5	18.0	18.5	20.0	19.5	19.5
29	17.0	16.5	16.5	17.5	17.5	17.5	18.5	18.0	18.5	20.0	19.5	19.5
30	17.0	16.5	17.0	17.5	17.5	17.5	19.0	18.0	18.5	20.0	19.5	20.0
31	---	---	---	17.5	17.5	17.5	18.5	18.0	18.5	---	---	---
MONTH	17.0	15.0	16.1	17.5	16.5	17.1	---	---	---	20.0	18.0	19.2

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.9	6.4	6.7	5.3	4.9	5.1	9.5	7.0	7.9	9.8	9.7	9.7
2	7.0	6.4	6.7	6.6	5.0	5.7	8.3	6.5	7.5	9.9	9.6	9.8
3	6.9	6.5	6.7	6.9	6.3	6.6	8.8	8.0	8.5	9.8	9.6	9.7
4	7.1	6.5	6.8	7.3	6.6	6.9	8.7	6.5	7.5	9.8	9.7	9.7
5	7.3	6.7	7.0	7.0	6.9	7.0	9.1	7.1	8.1	9.8	9.7	9.7
6	6.9	6.5	6.7	7.2	7.0	7.1	9.1	8.6	8.9	9.9	9.7	9.8
7	6.8	6.5	6.6	7.3	7.2	7.2	8.9	8.3	8.6	9.9	9.7	9.8
8	6.7	6.5	6.6	7.5	7.3	7.4	9.1	8.3	8.7	9.9	9.7	9.8
9	6.7	6.4	6.5	7.6	7.4	7.5	8.6	8.1	8.4	10.2	9.7	9.9
10	6.7	6.3	6.5	8.0	7.2	7.6	8.8	8.3	8.6	9.9	9.5	9.7
11	6.5	6.2	6.4	7.7	7.6	7.7	8.8	8.5	8.7	---	---	---
12	6.5	6.2	6.3	7.8	7.7	7.7	8.9	8.7	8.8	9.7	9.1	9.5
13	6.4	6.1	6.2	7.9	7.7	7.8	8.9	8.7	8.8	9.3	9.0	9.2
14	6.4	6.1	6.3	8.1	7.9	7.9	8.9	8.7	8.8	10.2	8.7	9.3
15	6.3	5.9	6.1	8.5	8.1	8.3	8.8	8.5	8.8	9.8	8.7	9.1
16	6.2	5.9	6.0	8.7	8.5	8.5	8.9	8.7	8.8	10.0	8.9	9.6
17	6.3	6.0	6.1	8.6	8.5	8.6	9.1	8.7	8.9	9.9	9.2	9.6
18	6.2	5.9	6.1	8.8	8.6	8.7	9.0	8.8	8.9	10.1	9.6	9.8
19	6.1	5.8	5.9	8.8	8.7	8.8	9.0	8.8	9.0	10.2	9.6	9.9
20	6.1	5.5	5.8	8.9	8.7	8.8	9.1	8.9	9.0	10.1	9.5	9.9
21	6.5	5.2	6.0	9.0	8.8	8.8	9.1	8.9	9.0	10.1	9.4	9.8
22	6.4	.3	2.7	9.5	8.7	9.0	9.1	8.9	9.0	10.3	9.5	9.9
23	1.8	.0	.7	9.7	9.1	9.4	9.1	8.8	8.9	10.1	9.6	9.9
24	1.4	.0	.4	9.6	9.0	9.2	8.9	8.6	8.7	10.4	9.7	10.1
25	1.4	.0	.9	9.4	8.1	8.9	8.8	8.6	8.7	10.4	10.0	10.2
26	3.6	.5	1.5	8.9	8.0	8.4	8.9	8.4	8.7	10.1	9.8	10.0
27	5.3	1.5	2.9	8.9	7.7	8.3	9.0	8.4	8.6	10.3	10.0	10.1
28	5.2	3.2	4.4	9.2	7.4	8.5	8.8	8.4	8.6	10.5	10.2	10.4
29	4.0	2.4	3.4	8.8	7.1	8.2	8.6	8.3	8.4	10.4	10.1	10.2
30	4.6	3.4	4.0	9.6	7.3	8.8	9.7	8.6	9.3	10.4	10.1	10.2
31	4.9	4.0	4.5	---	---	---	9.8	9.6	9.7	10.3	10.0	10.1
MONTH	7.3	.0	5.1	9.7	4.9	7.9	9.8	6.5	8.7	---	---	---

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.4	10.0	10.1	11.1	10.2	10.6	10.7	10.3	10.5	9.2	8.4	8.8
2	10.3	10.0	10.1	11.1	10.3	10.6	10.7	10.1	10.3	8.9	8.6	8.7
3	10.2	10.0	10.2	10.9	10.5	10.6	10.5	10.0	10.2	9.3	8.6	9.0
4	10.4	10.1	10.3	10.7	10.5	10.6	10.0	9.6	9.9	9.2	8.9	9.1
5	10.5	10.3	10.4	10.7	10.4	10.5	10.2	9.6	9.8	10.1	9.2	9.6
6	10.5	10.2	10.4	10.5	10.3	10.4	10.7	9.7	10.1	10.7	8.9	9.9
7	10.4	10.2	10.3	10.5	10.2	10.3	10.7	10.2	10.4	10.0	9.1	9.6
8	10.5	10.2	10.3	10.5	10.2	10.3	10.7	9.9	10.3	9.6	8.8	9.3
9	10.5	10.2	10.3	10.6	10.3	10.5	10.2	9.8	10.0	8.8	7.8	8.2
10	10.7	10.3	10.4	10.6	10.3	10.4	9.8	9.6	9.7	8.0	7.2	7.6
11	10.5	10.1	10.3	10.7	10.3	10.4	10.1	9.3	9.6	7.5	7.1	7.3
12	10.5	10.3	10.5	10.5	10.2	10.3	9.5	9.0	9.3	8.0	7.3	7.7
13	10.4	10.2	10.3	10.8	10.2	10.4	10.7	9.5	10.0	8.2	7.6	7.9
14	10.3	10.1	10.2	10.8	10.5	10.6	10.3	9.6	10.0	8.5	7.9	8.2
15	10.2	9.9	10.1	10.8	10.4	10.5	10.7	9.8	10.0	9.0	7.9	8.4
16	10.0	9.8	9.9	10.7	10.1	10.3	10.6	10.1	10.3	9.6	8.7	9.2
17	10.4	9.9	10.2	10.1	10.0	10.0	10.5	9.9	10.1	10.4	8.8	9.8
18	10.6	10.3	10.5	10.1	10.0	10.0	10.2	9.6	9.9	10.3	9.3	9.7
19	10.8	10.2	10.5	10.1	10.0	10.1	10.2	9.6	9.9	9.8	9.0	9.4
20	10.4	10.2	10.3	10.5	10.0	10.2	10.4	9.7	10.0	9.4	8.1	9.0
21	10.5	10.3	10.4	10.4	10.2	10.3	10.1	9.6	9.8	---	---	---
22	10.4	10.2	10.3	10.3	10.1	10.2	10.3	9.5	9.9	---	---	---
23	10.4	10.2	10.3	10.8	10.0	10.2	10.8	9.8	10.1	---	---	---
24	10.6	10.3	10.5	10.4	10.0	10.1	11.1	10.2	10.7	---	---	---
25	10.5	10.3	10.4	10.4	10.0	10.1	10.5	9.7	10.1	---	---	---
26	10.4	10.2	10.3	10.4	9.9	10.0	10.5	9.8	10.1	---	---	---
27	10.6	10.2	10.4	11.0	10.3	10.6	9.9	9.6	9.7	9.0	6.0	8.2
28	10.6	10.2	10.3	11.3	10.1	10.5	9.7	9.2	9.3	8.7	5.6	6.5
29	---	---	---	11.4	10.2	10.8	9.3	9.0	9.1	6.7	4.9	5.8
30	---	---	---	11.4	10.7	11.1	9.3	8.4	8.8	8.4	5.9	6.9
31	---	---	---	11.2	10.6	10.9	---	---	---	7.5	6.0	6.5
MONTH	10.8	9.8	10.3	11.4	9.9	10.4	11.1	8.4	9.9	---	---	---

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	6.3	6.6	7.8	7.1	7.4	7.4	6.4	7.0	8.1	7.3	7.7
2	8.9	6.3	8.3	8.0	6.2	7.3	7.3	6.3	6.8	7.9	7.5	7.7
3	6.9	6.5	6.7	8.0	6.8	7.6	7.2	6.2	6.6	7.5	3.8	6.4
4	6.9	6.6	6.7	8.0	6.8	7.5	7.2	6.2	6.7	6.7	5.8	6.3
5	7.1	6.6	6.9	7.7	6.2	7.3	7.7	6.2	7.0	7.7	6.5	7.1
6	7.5	6.7	7.0	7.0	5.3	6.3	8.0	6.7	7.3	8.0	7.3	7.7
7	8.9	7.4	8.3	7.6	6.1	7.0	---	---	---	8.0	7.4	7.7
8	9.4	8.2	8.8	7.7	7.2	7.5	---	---	---	7.9	7.0	7.5
9	9.3	8.6	9.0	7.5	6.8	7.3	---	---	---	7.4	6.6	7.0
10	8.7	7.2	7.7	7.8	6.5	7.3	---	---	---	7.4	6.4	6.9
11	7.4	7.0	7.2	7.4	6.1	6.9	---	---	---	7.6	6.6	7.2
12	7.5	7.2	7.4	7.2	5.9	6.6	8.0	7.1	7.6	7.8	7.3	7.5
13	8.2	7.1	7.6	7.1	6.2	6.6	8.2	7.1	7.5	7.9	7.3	7.6
14	8.2	6.6	7.3	7.0	5.8	6.5	7.9	5.9	7.2	7.8	7.4	7.6
15	7.5	6.6	7.0	6.9	6.4	6.7	7.9	5.7	7.1	7.9	7.3	7.6
16	8.1	6.8	7.6	7.9	6.5	7.1	8.1	6.9	7.6	8.2	7.0	7.7
17	8.3	7.3	7.7	7.8	6.7	7.4	8.1	7.4	7.7	8.2	7.8	7.9
18	8.6	7.0	7.9	8.0	6.9	7.6	8.2	7.4	7.8	8.2	7.8	8.0
19	8.5	7.7	8.1	8.2	6.7	7.7	8.1	7.6	7.8	8.1	5.5	6.8
20	8.4	7.3	7.9	7.6	6.6	7.2	7.7	6.7	7.1	7.5	5.8	6.7
21	8.7	5.6	7.9	8.0	7.0	7.7	7.8	6.0	7.1	8.0	7.0	7.6
22	8.5	6.2	7.5	8.0	7.4	7.7	7.8	7.2	7.6	8.4	7.7	8.0
23	8.3	6.6	7.7	7.9	7.6	7.8	8.1	7.6	7.8	8.1	6.4	7.3
24	8.5	6.6	7.6	8.1	7.2	7.6	8.0	7.7	7.8	6.7	5.2	6.1
25	8.4	6.5	7.6	8.0	7.4	7.7	8.1	7.6	7.9	7.3	5.5	6.4
26	8.3	7.5	7.8	8.0	7.0	7.6	7.8	5.6	6.6	7.8	7.0	7.4
27	7.9	7.4	7.7	7.8	6.8	7.4	7.4	6.6	6.9	7.8	7.2	7.5
28	7.9	6.1	7.5	7.8	7.0	7.4	7.8	6.9	7.4	7.9	7.6	7.7
29	7.9	6.1	7.2	7.8	6.7	7.5	7.8	7.4	7.6	7.7	7.1	7.4
30	7.9	7.3	7.6	8.0	6.7	7.6	8.0	7.4	7.7	7.8	7.0	7.3
31	---	---	---	7.8	6.7	7.4	8.0	7.1	7.7	---	---	---
MONTH	9.4	5.6	7.6	8.2	5.3	7.3	---	---	---	8.4	3.8	7.3

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.1	.0	2.9	6.2	5.3	5.9	9.0	7.6	8.3	9.5	9.2	9.4
2	.1	.0	.0	6.7	5.3	6.0	8.2	6.6	7.1	9.6	9.4	9.5
3	.2	.0	.1	6.8	6.3	6.6	7.4	6.7	7.0	9.6	9.2	9.5
4	.6	.0	.2	7.1	6.7	6.8	8.6	6.6	7.3	9.7	9.4	9.6
5	1.2	.0	.5	7.0	6.8	6.9	8.9	8.1	8.5	9.8	9.5	9.6
6	1.9	.0	.9	7.2	6.6	7.0	8.9	8.6	8.8	9.8	9.6	9.7
7	1.4	.0	.5	7.9	7.1	7.6	8.9	8.3	8.8	9.9	8.9	9.7
8	2.0	.0	.4	8.1	7.8	7.9	8.8	8.4	8.6	9.9	9.7	9.8
9	.8	.0	.2	8.8	7.7	8.1	8.9	7.8	8.6	9.9	9.2	9.6
10	2.4	.0	.6	8.4	7.6	7.8	8.8	8.4	8.7	9.8	9.4	9.7
11	3.4	.0	.8	7.9	7.6	7.7	8.8	7.8	8.5	---	---	---
12	2.7	.0	.6	7.7	7.5	7.6	8.8	8.5	8.7	---	---	---
13	2.8	.0	.8	7.9	7.6	7.8	8.7	8.6	8.7	---	---	---
14	3.5	.0	1.2	8.0	7.7	7.9	8.7	8.6	8.6	---	---	---
15	3.1	.1	.9	8.2	7.7	8.0	8.7	8.5	8.6	---	---	---
16	2.0	.0	.5	8.2	8.0	8.1	8.7	8.5	8.6	---	---	---
17	2.0	.0	.5	8.1	8.0	8.1	8.8	8.5	8.7	---	---	---
18	2.3	.0	1.0	8.2	8.0	8.1	8.8	8.5	8.7	10.4	8.6	9.4
19	3.4	.2	1.8	8.2	8.0	8.1	8.8	8.7	8.8	10.1	9.0	9.6
20	5.3	1.3	3.0	8.4	8.0	8.2	8.9	8.6	8.8	10.3	8.8	9.7
21	5.5	.4	2.4	8.3	8.1	8.2	8.9	8.6	8.7	10.4	8.4	9.5
22	4.6	1.8	2.6	8.3	8.1	8.2	9.1	8.8	8.9	10.8	9.0	10.0
23	4.4	2.8	3.6	8.4	7.9	8.1	9.0	8.8	8.9	10.6	9.4	10.1
24	4.2	2.4	3.4	8.1	7.8	8.0	9.3	8.7	8.9	10.9	9.1	10.0
25	4.4	3.7	4.0	8.0	7.5	7.8	9.1	8.7	8.9	---	---	---
26	5.2	3.2	4.4	8.7	7.9	8.3	9.4	8.6	8.9	---	---	---
27	5.6	4.5	5.0	8.7	7.7	8.3	8.7	7.9	8.4	10.6	9.3	10.0
28	5.9	5.3	5.6	8.4	7.6	8.1	9.4	8.0	8.3	11.0	9.5	10.1
29	5.7	4.7	5.2	8.4	7.1	7.6	8.9	8.1	8.5	---	---	---
30	6.3	4.3	5.6	8.2	7.1	7.4	10.0	7.7	9.0	---	---	---
31	5.9	5.3	5.7	---	---	---	9.5	9.1	9.3	---	---	---
MONTH	6.3	.0	2.1	8.8	5.3	7.7	10.0	6.6	8.6	---	---	---

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	10.5	8.2	9.8	8.7	7.7	8.4	3.4	3.2	3.3
2	---	---	---	10.8	8.7	10.0	9.7	8.3	8.8	3.5	3.2	3.4
3	---	---	---	11.8	10.3	10.9	9.6	9.0	9.3	3.8	3.1	3.5
4	---	---	---	11.8	10.7	11.2	9.6	9.1	9.4	3.9	3.2	3.5
5	---	---	---	13.0	10.8	12.5	9.5	8.7	9.2	4.5	2.7	3.4
6	---	---	---	12.9	11.1	12.1	9.5	9.1	9.3	4.4	2.2	2.9
7	---	---	---	11.6	10.1	11.1	9.5	9.1	9.3	4.3	2.3	3.3
8	---	---	---	11.6	10.1	10.8	9.3	8.8	9.1	4.1	2.9	3.5
9	---	---	---	11.7	10.1	11.1	9.9	8.2	9.2	3.7	3.0	3.4
10	---	---	---	12.1	11.0	11.4	9.1	3.5	6.9	3.8	2.9	3.3
11	---	---	---	12.0	9.1	11.6	9.4	3.4	6.8	3.5	2.4	3.2
12	9.4	7.0	8.4	11.8	10.4	11.5	8.8	7.9	8.4	4.2	2.5	3.5
13	---	---	---	11.7	9.9	10.8	8.4	6.1	7.2	4.9	4.2	4.4
14	10.1	7.0	8.5	11.1	10.4	10.7	8.2	5.6	7.3	4.6	3.9	4.2
15	8.3	6.8	7.7	11.0	10.7	10.8	6.7	4.8	5.6	5.5	3.6	4.3
16	8.6	7.7	7.9	10.9	9.8	10.6	7.2	6.3	7.0	4.7	2.8	3.9
17	8.7	7.0	7.7	10.7	9.8	10.2	7.1	5.8	6.4	4.8	4.4	4.6
18	9.6	6.8	9.0	10.2	9.7	10.0	6.2	5.0	5.7	4.9	4.2	4.5
19	8.6	7.2	7.9	10.4	9.7	10.0	5.7	3.2	4.0	4.7	4.3	4.4
20	9.4	6.8	8.1	10.8	9.7	10.0	4.9	4.1	4.7	4.4	3.9	4.3
21	11.3	6.7	8.6	10.7	9.9	10.3	5.3	4.6	4.8	---	---	---
22	10.2	9.1	9.5	10.6	9.5	10.4	5.2	4.5	4.7	---	---	---
23	9.9	8.5	9.1	10.4	9.6	10.2	4.9	4.6	4.7	---	---	---
24	10.2	6.7	9.6	10.4	9.5	10.1	5.3	4.6	4.9	---	---	---
25	10.1	6.7	9.2	10.3	9.4	10.0	5.3	4.8	5.0	---	---	---
26	9.7	6.5	8.5	10.3	9.6	9.9	5.5	4.7	5.0	---	---	---
27	10.2	8.4	9.3	10.1	9.7	9.9	6.0	4.6	5.2	---	---	---
28	10.6	9.2	10.0	10.1	9.4	9.8	4.6	3.7	4.0	---	---	---
29	---	---	---	10.1	8.2	9.4	4.2	3.3	3.6	---	---	---
30	---	---	---	9.4	8.4	8.8	3.7	3.2	3.5	---	---	---
31	---	---	---	9.2	8.0	8.4	---	---	---	---	---	---
MONTH	---	---	---	13.0	8.0	10.5	9.9	3.2	6.6	---	---	---

Santee River Basin

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	4.1	3.7	3.9	2.0	1.7	1.8	.2	.0	.1
2	4.3	3.8	4.1	3.9	3.4	3.8	---	---	---	.1	.0	.1
3	4.4	4.1	4.2	3.8	3.3	3.5	---	---	---	.1	.0	.0
4	4.6	4.2	4.4	3.8	3.6	3.7	---	---	---	.1	.0	.0
5	4.7	4.2	4.5	3.8	3.3	3.5	---	---	---	.0	.0	.0
6	4.7	4.4	4.6	3.7	3.3	3.5	---	---	---	.0	.0	.0
7	5.7	4.4	4.7	3.6	3.4	3.5	---	---	---	.0	.0	.0
8	4.8	4.3	4.6	3.7	3.3	3.5	---	---	---	.1	.0	.0
9	4.9	4.5	4.7	3.5	3.3	3.4	---	---	---	.0	.0	.0
10	4.8	4.0	4.6	3.5	3.0	3.3	---	---	---	.0	.0	.0
11	5.0	4.5	4.7	3.0	2.7	2.8	---	---	---	.0	.0	.0
12	5.1	4.6	4.9	3.1	2.8	2.9	1.3	1.1	1.2	.0	.0	.0
13	5.2	4.7	5.0	3.1	2.8	2.9	1.3	1.1	1.2	.1	.0	.0
14	6.0	4.8	5.2	3.1	2.7	2.9	1.2	.9	1.1	.0	.0	.0
15	6.2	5.0	5.6	3.1	2.8	2.9	1.1	.9	1.0	.0	.0	.0
16	5.7	5.0	5.2	2.9	2.7	2.8	1.0	.8	.9	.0	.0	.0
17	5.2	4.7	5.0	2.9	2.7	2.8	1.0	.8	.9	.0	.0	.0
18	5.0	4.6	4.7	2.9	2.5	2.8	.9	.5	.7	.0	.0	.0
19	4.8	4.4	4.7	2.8	2.5	2.7	.8	.5	.6	.0	.0	.0
20	4.8	4.3	4.6	2.8	2.5	2.6	.8	.5	.7	.0	.0	.0
21	4.6	4.1	4.4	2.6	2.4	2.5	.8	.5	.7	.0	.0	.0
22	4.5	4.1	4.4	2.6	2.4	2.5	.7	.6	.6	.0	.0	.0
23	4.5	4.2	4.4	2.5	2.3	2.4	.6	.3	.5	.0	.0	.0
24	4.5	4.2	4.4	2.4	2.2	2.3	.6	.2	.5	.0	.0	.0
25	4.4	4.1	4.3	2.4	2.2	2.3	.4	.2	.4	.0	.0	.0
26	4.2	3.9	4.0	2.3	2.1	2.2	.4	.2	.3	.0	.0	.0
27	4.2	3.9	4.0	2.2	2.0	2.1	.4	.2	.3	.0	.0	.0
28	4.3	3.9	4.0	2.1	1.8	2.0	.3	.2	.3	.0	.0	.0
29	4.3	3.9	4.0	2.0	1.8	1.9	.3	.2	.3	.0	.0	.0
30	4.0	3.6	3.8	2.0	1.7	1.8	.3	.0	.2	.0	.0	.0
31	---	---	---	2.0	1.8	1.9	.2	.0	.1	---	---	---
MONTH	---	---	---	4.1	1.7	2.8	---	---	---	.2	.0	.0

SANTÉE RIVER BASIN

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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.

DRAINAGE.--2,420 mi², 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, 85.36 ft, Feb. 4; minimum gage height, 71.36 ft, Oct. 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	81.17	72.65	74.74	76.09	73.08	74.53	76.25	72.98	74.48	80.95	74.66	76.41
2	81.07	72.59	74.84	76.47	72.90	74.69	76.24	73.00	74.37	83.19	73.72	78.67
3	75.38	71.94	73.65	82.36	73.19	78.14	75.98	73.04	74.63	77.10	73.80	75.07
4	75.15	72.94	74.05	82.24	72.89	77.33	76.11	73.25	74.56	76.95	73.47	75.07
5	75.36	72.56	73.87	82.78	72.18	76.32	76.40	73.05	74.72	80.07	73.68	76.70
6	75.04	72.09	73.76	80.72	72.88	75.58	77.12	74.42	75.66	80.51	73.49	77.25
7	76.08	72.62	74.18	78.27	72.10	74.66	76.57	73.52	75.11	82.86	74.59	78.75
8	75.25	72.44	74.10	80.31	72.89	76.01	81.59	74.06	78.27	79.86	73.72	76.16
9	75.63	72.52	74.25	80.36	73.82	76.01	76.59	73.50	74.93	80.65	73.51	76.30
10	75.01	71.38	73.06	79.48	73.99	75.51	76.24	73.97	75.03	78.72	73.48	75.10
11	75.05	72.35	73.72	76.47	73.48	75.12	79.21	73.01	75.07	78.59	73.53	75.34
12	74.98	72.84	73.95	76.70	72.98	74.67	75.78	72.98	74.16	79.96	73.98	75.40
13	74.94	72.90	74.10	82.79	72.78	76.52	76.08	72.85	74.03	79.76	72.32	75.08
14	74.91	72.63	74.07	78.60	73.92	75.45	75.80	72.84	74.42	81.76	72.28	76.17
15	75.33	72.31	73.86	76.20	73.64	75.00	75.71	72.95	74.21	81.70	74.60	78.49
16	75.10	73.04	74.37	76.73	73.87	75.34	75.62	72.90	73.97	82.88	75.31	79.72
17	75.37	72.47	74.14	81.68	73.57	76.82	76.24	72.88	74.52	82.64	73.43	76.05
18	75.52	73.76	74.72	81.91	74.03	76.32	75.32	73.03	74.34	81.45	73.57	76.74
19	75.44	73.64	74.77	79.25	73.56	75.54	75.81	73.23	74.55	82.15	74.24	78.86
20	75.52	73.24	74.27	77.64	73.33	74.87	76.01	73.10	74.62	82.40	74.16	77.54
21	75.40	72.61	74.48	75.76	73.04	74.40	76.12	73.56	74.84	83.11	75.22	77.81
22	75.22	73.56	74.57	75.81	73.13	74.50	75.90	73.28	74.50	82.80	74.65	79.66
23	74.90	73.40	74.22	75.70	73.16	74.49	75.86	73.19	74.46	82.71	74.38	79.18
24	75.27	71.36	73.20	77.06	72.82	74.46	76.13	73.05	74.55	82.55	74.18	79.20
25	74.71	72.91	73.97	76.66	72.86	74.47	76.22	72.81	73.96	82.50	76.62	80.20
26	74.71	73.39	74.11	78.15	72.57	74.21	76.30	72.76	74.17	83.29	73.88	78.52
27	80.62	73.22	75.18	76.43	73.14	74.67	75.87	72.63	74.13	83.75	74.42	80.11
28	82.30	73.85	76.53	76.07	73.11	74.28	75.82	72.89	74.32	83.37	80.85	82.00
29	79.26	72.84	74.79	76.27	73.58	75.03	79.71	73.76	76.59	83.20	79.20	81.54
30	76.02	72.65	74.27	76.15	73.39	74.73	81.85	73.06	77.94	84.67	79.35	82.28
31	75.94	73.29	74.74	---	---	---	81.14	73.90	76.67	84.54	82.55	83.50
MONTH	82.30	71.36	74.28	82.79	72.10	75.32	81.85	72.63	74.90	84.67	72.28	78.03

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	84.84	78.25	82.16	77.24	74.54	75.97	77.37	73.15	75.27	77.70	74.34	76.28
2	84.54	74.93	81.14	77.55	73.69	75.62	77.12	72.78	74.69	78.94	74.34	76.71
3	81.78	74.41	76.87	78.75	73.92	75.84	77.12	73.46	75.17	81.86	73.97	76.53
4	85.36	73.99	81.37	81.11	73.73	76.38	79.01	73.63	76.64	83.98	73.97	80.85
5	85.01	79.80	82.82	77.17	73.76	75.42	80.89	74.37	76.74	81.59	74.59	78.12
6	85.06	81.00	84.54	76.91	73.53	75.22	82.57	74.46	77.72	78.24	73.37	75.40
7	84.99	83.43	84.79	80.30	73.88	76.16	83.59	75.11	79.13	81.66	74.39	77.65
8	84.97	82.69	84.65	83.38	74.24	79.34	84.74	74.70	81.63	84.76	72.68	79.91
9	84.33	81.38	83.12	84.83	77.32	82.09	84.77	74.00	80.43	84.94	74.02	80.88
10	84.30	82.00	83.35	84.06	77.36	81.37	84.85	74.50	81.56	84.31	75.38	81.99
11	83.03	75.18	78.24	84.20	76.70	81.72	84.21	76.06	81.48	80.92	74.27	77.78
12	82.33	74.82	77.03	84.66	81.81	83.42	77.69	73.76	75.25	82.93	74.65	77.79
13	81.24	74.77	76.89	84.59	82.08	83.40	83.58	74.12	78.33	80.15	73.87	76.40
14	82.60	75.13	77.38	84.48	82.39	83.53	84.49	74.89	80.49	78.10	73.11	75.04
15	77.60	73.80	75.87	84.21	81.45	82.98	82.05	75.41	77.61	84.57	75.10	79.82
16	78.40	73.00	75.53	84.25	73.68	78.00	83.14	74.25	78.49	79.99	72.91	75.08
17	81.85	74.00	76.98	76.70	72.73	74.77	81.81	73.72	77.11	76.64	73.28	74.97
18	84.21	75.83	81.94	77.10	72.88	74.96	84.19	74.05	79.87	80.03	74.26	76.43
19	83.84	75.28	80.87	77.15	73.26	75.15	84.43	80.94	82.85	84.02	74.03	77.61
20	78.17	74.52	75.94	80.87	73.26	77.22	84.04	80.34	82.25	77.82	74.25	75.59
21	77.70	74.02	75.97	84.58	75.03	79.86	83.96	74.14	78.39	81.26	74.55	77.40
22	82.16	74.20	77.49	77.93	73.70	75.80	80.62	74.55	76.59	77.48	73.37	74.93
23	82.72	75.38	77.97	78.03	74.79	76.21	82.34	74.18	76.75	78.22	74.20	76.23
24	82.86	75.10	78.22	77.40	73.91	75.99	82.83	74.91	79.01	77.33	72.59	74.39
25	81.43	73.50	76.09	79.50	74.32	76.00	81.16	75.11	77.25	79.47	73.27	75.60
26	77.17	73.07	74.46	79.65	73.71	76.02	78.91	74.78	76.78	77.77	73.69	74.87
27	84.27	73.88	80.18	77.11	73.65	75.14	83.33	74.93	78.27	76.81	72.82	73.81
28	78.05	74.34	76.09	77.29	73.39	75.20	81.66	74.33	76.17	76.39	72.85	73.89
29	---	---	---	77.24	73.44	75.05	79.39	73.90	75.81	77.29	72.68	74.16
30	---	---	---	77.23	73.15	75.41	79.39	73.65	75.90	76.91	72.84	74.22
31	---	---	---	81.69	73.13	75.92	---	---	---	77.10	73.13	74.49
MONTH	85.36	73.00	79.21	84.83	72.73	77.59	84.85	72.78	78.12	84.94	72.59	76.61

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	79.90	74.12	75.59	72.90	71.83	72.79	75.93	73.44	73.66	77.08	74.46	74.94
2	78.91	73.07	75.08	71.83	71.69	71.72	75.35	73.47	73.54	77.16	72.76	74.18
3	77.03	73.04	74.38	75.47	71.75	72.67	73.50	73.47	73.48	77.39	73.30	74.54
4	76.74	73.22	74.57	75.36	72.27	72.87	73.51	72.74	73.31	81.22	73.64	76.29
5	82.56	72.88	75.35	73.45	72.57	72.78	77.16	72.51	73.39	79.43	73.91	76.64
6	77.26	73.32	74.85	75.75	72.68	73.47	72.52	72.43	72.49	77.99	73.58	75.77
7	76.94	73.77	75.28	74.73	74.07	74.48	72.54	72.50	72.51	77.12	73.74	74.54
8	76.71	72.86	74.16	74.88	73.99	74.35	72.52	72.51	72.52	77.93	73.77	74.94
9	76.62	72.57	73.58	74.21	74.09	74.14	72.56	72.51	72.53	77.44	73.25	74.25
10	76.20	73.02	74.31	74.18	74.01	74.13	74.87	72.51	72.76	76.37	73.25	73.56
11	76.75	72.70	74.19	74.17	73.14	73.78	78.67	72.54	73.70	75.16	73.57	73.80
12	84.47	73.11	77.77	73.15	73.13	73.14	77.28	73.00	73.88	77.82	73.32	74.53
13	80.81	73.55	74.66	73.16	73.14	73.15	77.48	73.02	74.31	79.50	73.33	74.56
14	77.10	73.92	74.89	73.30	72.75	73.17	75.76	73.57	73.94	76.11	73.54	74.12
15	78.45	73.70	75.49	73.25	72.83	73.21	73.74	73.57	73.59	73.64	72.48	73.38
16	77.49	73.31	74.68	73.26	73.24	73.25	77.52	73.58	75.11	74.93	72.47	72.74
17	79.02	73.31	74.12	73.31	73.25	73.27	83.40	74.50	77.64	79.59	72.56	74.78
18	82.17	73.50	75.18	77.70	73.26	74.05	78.12	73.42	74.56	78.26	73.26	75.20
19	77.41	74.09	75.42	77.38	74.15	75.12	77.41	73.46	74.30	76.98	73.19	73.94
20	77.54	72.91	74.90	77.38	73.78	75.04	77.10	73.46	73.89	77.58	73.25	75.09
21	77.26	72.30	74.58	77.50	72.90	74.71	75.34	73.20	73.66	77.82	73.56	75.22
22	77.35	71.93	74.84	77.80	74.18	74.96	76.87	73.20	73.63	80.83	73.30	76.06
23	77.94	74.21	75.30	78.15	72.48	73.48	73.45	73.43	73.44	76.94	73.21	74.39
24	78.20	74.21	75.42	76.51	72.47	72.87	84.09	72.52	76.16	76.20	73.21	73.53
25	77.78	73.72	75.36	73.78	72.82	72.86	78.94	73.01	75.43	77.09	73.65	74.48
26	74.93	72.84	73.27	72.84	72.82	72.83	76.92	73.04	74.18	77.18	73.10	75.19
27	77.05	72.84	73.46	72.86	72.84	72.85	82.96	73.72	76.64	77.54	73.90	76.00
28	75.50	73.07	73.42	72.90	72.85	72.87	77.47	74.40	74.84	84.92	73.45	78.91
29	77.06	73.06	73.49	79.23	72.07	73.55	85.05	74.36	78.02	79.06	73.44	75.96
30	81.71	72.46	73.98	74.82	72.00	72.83	79.34	73.86	75.43	77.62	72.81	74.88
31	---	---	---	75.93	72.42	73.60	81.68	74.19	76.35	---	---	---
MONTH	84.47	71.93	74.72	79.23	71.69	73.48	85.05	72.43	74.29	84.92	72.47	74.88
YEAR	85.36	71.36	75.93									

SANTEE RIVER BASIN

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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 mi², 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.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see station 02168500). City of Columbia diverted about 42 ft³/s above station for municipal supply.

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	2320	2210	2200	4200	12700	3320	2680	3690	3140	648	1160	2350
2	2520	2390	2070	7330	11000	3000	2210	4360	2610	263	1050	1740
3	1350	6470	2310	2780	4880	3230	2570	4130	1880	676	1000	1990
4	1510	5470	2270	2710	12000	3890	4280	10700	2030	786	904	3820
5	1360	4420	2420	4610	13900	2790	4390	6120	2920	636	1090	4320
6	1350	3510	3330	5180	17200	2590	5520	2830	2280	1180	502	3240
7	1700	2430	2790	7310	17700	3640	7680	5640	2640	1930	512	2060
8	1800	3910	6630	3900	17400	8450	12100	9790	1690	1830	513	2450
9	1880	3800	2610	4060	14300	12600	10200	11300	1270	1590	519	1810
10	1010	3160	2720	2770	14800	11300	12100	12300	1760	1580	676	1150
11	1290	2790	2750	3040	6460	11900	11600	5570	1780	1310	1400	1350
12	1360	2360	1900	3140	4860	14800	2710	5850	6700	840	1410	2080
13	1410	4710	1810	2820	4570	14800	6780	4020	2270	843	1820	2230
14	1370	3090	2160	4110	5320	15100	10200	2470	2310	857	1410	1710
15	1220	2660	1940	6840	3340	13900	5530	9090	2970	872	1100	1050
16	1580	3000	1740	8710	3020	6590	6970	2530	2150	893	2470	701
17	1620	4790	2220	3990	4880	2250	4980	2400	1770	901	5740	2390
18	2170	4170	2070	4760	12400	2390	9400	4020	2850	1570	2040	2660
19	2220	3240	2260	7540	10500	2560	13800	6090	2820	2450	1720	1490
20	1740	2560	2300	5740	3450	4990	12600	3010	2310	2390	1410	2500
21	1940	2120	2520	6030	3370	9060	6710	5210	2080	2150	1200	2640
22	1760	2230	2220	8720	5580	3200	4150	2430	2310	2470	1200	3560
23	1390	2190	2180	7880	6080	3630	4540	3700	2680	1240	1020	1880
24	934	2150	2260	8110	6490	3440	7720	2020	2810	734	4330	1180
25	1150	2130	1760	9130	3680	3410	5050	3080	2720	675	3090	1880
26	1270	1960	1940	7190	1930	3400	4410	2450	955	660	1740	2650
27	2520	2410	1920	9800	9750	2540	6610	1410	1180	668	4400	3310
28	4420	2010	2050	12100	3530	2590	3720	1470	1060	673	2210	7880
29	2400	2700	4450	11300	---	2450	3300	1750	1180	1190	6870	3350
30	1950	2420	6290	12700	---	2820	3340	1750	1660	731	2970	2390
31	2380	---	4560	14800	---	3560	---	1960	---	1210	4010	---
TOTAL	54894	93460	82650	203300	235090	184190	197850	143140	68785	36446	61486	73811
MEAN	1771	3115	2666	6558	8396	5942	6595	4617	2293	1176	1983	2460
MAX	4420	6470	6630	14800	17700	15100	13800	12300	6700	2470	6870	7880
MIN	934	1960	1740	2710	1930	2250	2210	1410	955	263	502	701
CFSM	.73	1.29	1.10	2.71	3.47	2.46	2.73	1.91	.95	.49	.82	1.02
IN.	.84	1.44	1.27	3.13	3.61	2.83	3.04	2.20	1.06	.56	.95	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1998, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	2687	2418	2616	3424	4481	4606	2786	2026	2186	2441
MAX	5467	4579	5773	8890	8396	7437	6595	4617	3190	4067
(WY)	1991	1993	1993	1993	1998	1993	1998	1998	1994	1989
MIN	1378	912	370	396	718	1639	497	637	1186	1176
(WY)	1994	1997	1991	1989	1989	1994	1995	1990	1990	1998

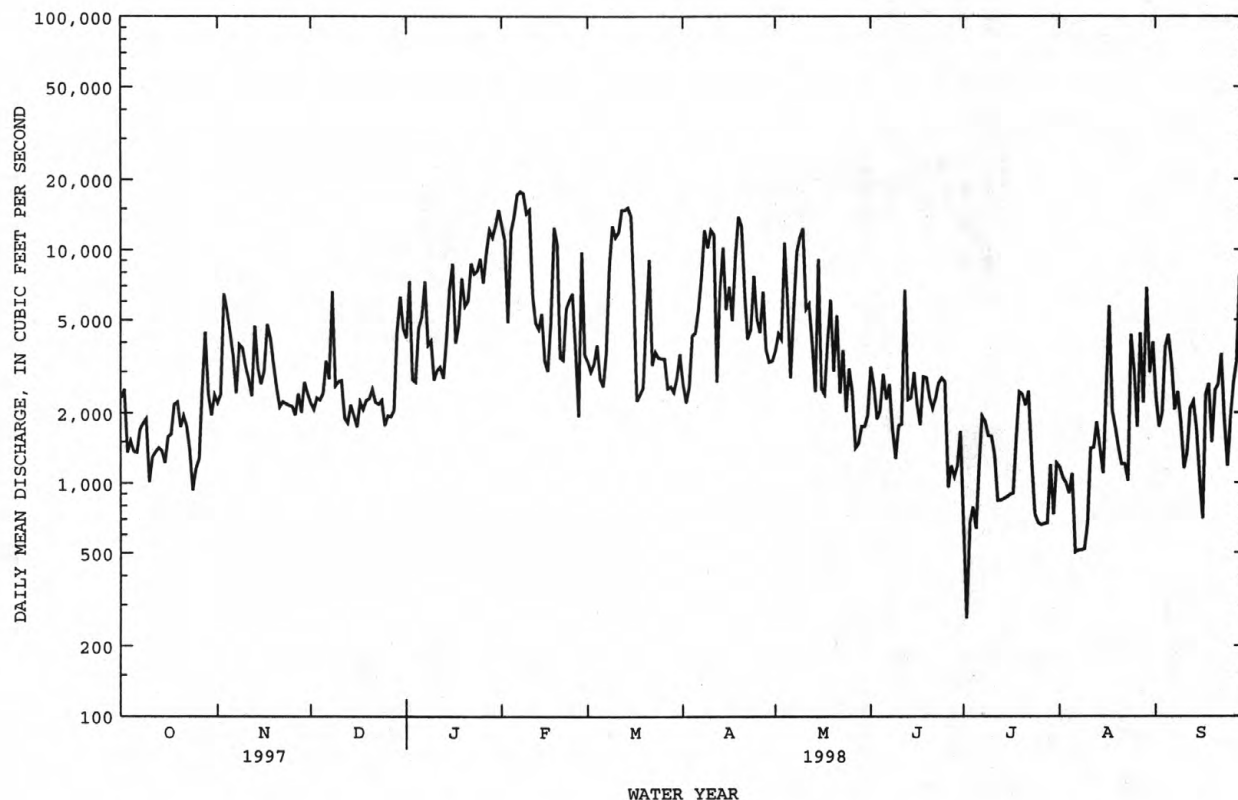
SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1989 - 1998	
ANNUAL TOTAL	911377		1435102		2994	
ANNUAL MEAN	2497		3932		4097	
HIGHEST ANNUAL MEAN					1895	
LOWEST ANNUAL MEAN					21800	
HIGHEST DAILY MEAN	11000	Mar 3	17700	Feb 7	155	* Sep 24 1989
LOWEST DAILY MEAN	196	Apr 25	263	Jul 2	168	Jan 12 1989
ANNUAL SEVEN-DAY MINIMUM	436	Jan 13	674	Aug 4	22400	Jan 16 1995
INSTANTANEOUS PEAK FLOW			18900	Feb 4	** 16.01	Feb 21 1990
INSTANTANEOUS PEAK STAGE			15.34	Feb 4	1.24	
ANNUAL RUNOFF (CFSM)	1.03		1.62		16.81	
ANNUAL RUNOFF (INCHES)	14.01		22.06			
10 PERCENT EXCEEDS	4700		9240		7420	
50 PERCENT EXCEEDS	2220		2610		2030	
90 PERCENT EXCEEDS	903		1160		486	

* Also occurred on Sept. 25, 29, 1989.

** Caused by backwater from spillway floodgates.



SANTEE RIVER BASIN

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02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

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.

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 US Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.0 C, Oct. 9, 10, Sept. 21, 1991; minimum, 6.5 C, many days during February and March, 1985, Feb. 5, 6, 1994.

DISSOLVED OXYGEN: Maximum, 14.0 mg/L, Feb. 17, 1995; minimum, 0.1 mg/L, many days, many years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 21.5 C, Oct. 10; minimum, 9.0 C, several days Jan, Feb.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 6; minimum, 0.1 mg/L, several days Oct.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.5	18.5	19.0	20.0	19.0	19.4	13.5	13.0	13.0	11.5	10.5	10.8
2	20.0	18.0	18.9	19.5	19.0	19.4	13.5	12.5	12.9	11.5	10.5	10.8
3	20.0	18.5	18.8	20.0	19.0	19.3	13.0	12.5	12.8	11.0	10.5	10.5
4	19.5	18.5	18.9	19.5	18.5	19.1	13.0	12.5	12.9	10.5	10.0	10.4
5	20.0	19.0	19.1	19.0	18.5	18.8	13.5	12.5	13.1	10.5	10.0	10.3
6	21.0	19.0	19.4	19.0	18.5	18.6	14.0	13.5	13.6	10.5	10.0	10.2
7	20.5	18.5	19.1	19.0	18.5	18.6	14.0	13.0	13.4	10.5	10.0	10.1
8	20.0	18.5	19.3	18.5	18.0	18.3	14.0	13.0	13.4	10.0	10.0	10.0
9	20.5	19.0	19.6	18.5	18.0	18.2	13.5	13.0	13.2	10.5	9.5	10.0
10	21.5	19.0	19.8	19.0	17.5	18.2	13.5	13.0	13.2	10.5	9.5	9.9
11	20.0	19.0	19.4	18.0	17.5	17.7	13.5	13.0	13.1	10.0	9.5	9.8
12	19.5	19.0	19.3	17.5	17.0	17.4	13.5	13.0	13.0	10.0	9.5	9.7
13	20.0	19.0	19.3	17.5	17.0	17.2	13.0	12.5	12.8	10.0	9.5	9.6
14	20.0	19.0	19.4	17.0	17.0	17.1	13.0	12.5	12.7	10.0	9.0	9.5
15	19.5	19.0	19.3	17.5	16.5	17.0	13.0	12.5	12.6	9.5	9.0	9.4
16	19.5	19.0	19.2	17.0	16.5	16.6	13.5	12.0	12.6	10.0	9.0	9.6
17	19.5	19.0	19.1	16.5	16.0	16.4	13.0	12.0	12.3	10.0	9.5	9.6
18	19.0	19.0	19.1	17.0	16.0	16.2	12.5	12.0	12.1	10.5	9.5	9.7
19	19.0	19.0	19.1	16.0	15.5	15.7	12.5	11.5	11.9	10.0	9.5	9.6
20	20.0	19.0	19.3	15.5	15.0	15.4	12.0	11.5	11.7	10.5	9.5	9.8
21	19.5	19.0	19.2	15.5	15.0	15.1	12.0	11.5	11.5	10.5	9.5	9.7
22	19.5	19.0	19.2	15.0	14.5	14.8	11.5	11.5	11.4	10.0	9.5	9.7
23	20.0	19.0	19.4	14.5	13.5	14.3	11.5	11.5	11.4	10.0	9.5	9.8
24	21.0	19.0	19.3	14.5	13.5	13.8	11.5	11.0	11.2	10.5	9.5	10.0
25	20.0	19.5	19.6	14.0	13.0	13.5	12.0	11.0	11.3	10.5	9.5	10.1
26	19.5	19.5	19.4	14.0	13.0	13.4	11.5	11.0	11.2	10.5	9.5	10.0
27	19.5	19.0	19.4	14.0	13.0	13.2	11.0	11.0	11.0	10.5	9.5	9.9
28	20.0	19.0	19.5	13.5	13.0	13.1	11.5	10.5	11.0	10.0	10.0	10.0
29	20.0	19.0	19.4	13.0	13.0	12.9	11.5	11.0	11.0	10.5	10.0	10.1
30	20.0	19.0	19.4	13.0	13.0	12.9	12.0	10.5	11.3	10.5	9.5	9.9
31	19.5	19.0	19.3	---	---	---	11.5	11.0	11.1	10.0	9.5	9.7
MONTH	21.5	18.0	19.3	20.0	13.0	16.4	14.0	10.5	12.2	11.5	9.0	9.9

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.0	9.5	9.7	10.0	9.5	9.9	10.5	10.5	10.4	12.0	11.5	11.8
2	10.0	9.5	9.6	10.0	9.5	9.9	11.0	10.0	10.4	12.5	11.5	11.9
3	9.5	9.5	9.6	10.5	10.0	10.2	11.0	10.0	10.4	13.5	11.5	12.1
4	9.5	9.5	9.6	10.5	10.0	10.3	11.0	10.0	10.4	12.5	11.5	12.1
5	10.0	9.5	9.5	10.5	10.0	10.2	11.0	10.0	10.5	13.5	12.0	12.5
6	9.5	9.5	9.4	10.5	10.0	10.2	11.5	10.5	10.5	13.5	12.0	12.4
7	9.5	9.5	9.3	10.5	10.0	10.2	11.0	10.5	10.5	12.5	12.0	12.1
8	9.5	9.5	9.3	10.5	10.0	10.2	11.0	10.5	10.5	14.5	12.0	12.5
9	9.5	9.0	9.3	11.0	10.0	10.5	13.0	10.5	10.9	13.5	12.5	12.6
10	9.5	9.0	9.3	11.0	10.5	10.6	11.5	10.5	10.8	13.5	12.5	12.8
11	9.5	9.0	9.3	11.0	10.5	10.5	12.0	10.5	11.0	14.0	12.5	12.7
12	10.0	9.0	9.5	10.5	10.0	10.3	12.0	10.5	11.1	13.5	12.5	12.8
13	9.5	9.0	9.3	10.5	10.0	10.2	11.0	10.5	10.8	13.5	12.5	12.7
14	9.5	9.0	9.2	10.0	10.0	10.1	11.5	10.5	10.9	13.5	12.5	12.9
15	9.5	9.0	9.2	10.0	10.0	10.1	11.5	10.5	11.0	13.5	12.5	13.0
16	9.5	9.0	9.1	10.5	10.0	10.2	12.0	10.5	11.0	13.5	12.5	12.9
17	9.5	9.0	9.3	10.0	10.0	10.1	11.5	11.0	11.1	13.0	12.5	12.9
18	9.5	9.0	9.5	10.5	10.0	10.1	12.0	11.0	11.2	14.0	12.5	13.2
19	9.5	9.0	9.5	10.5	10.0	10.2	11.5	11.0	11.2	14.0	13.0	13.3
20	9.5	9.0	9.4	10.5	10.0	10.1	12.0	11.0	11.6	13.5	13.0	13.1
21	10.0	9.5	9.5	10.5	10.0	10.4	12.5	11.0	11.4	14.5	13.0	13.5
22	9.5	9.5	9.4	11.0	10.0	10.4	11.5	11.0	11.3	15.0	13.0	13.7
23	9.5	9.0	9.5	11.0	10.0	10.4	12.5	11.0	11.6	14.5	13.0	13.5
24	10.0	9.5	9.8	11.0	10.0	10.3	12.5	11.0	11.5	15.5	13.0	14.0
25	10.0	9.5	9.9	10.5	10.0	10.3	12.0	11.0	11.5	14.0	13.0	13.4
26	10.5	9.5	9.8	10.5	10.0	10.2	12.0	11.0	11.5	13.5	13.0	13.4
27	10.0	9.5	9.7	11.0	10.0	10.3	12.0	11.5	11.5	14.0	13.5	13.7
28	10.0	9.5	9.8	10.5	10.0	10.3	12.5	11.5	11.8	15.5	13.5	13.9
29	---	---	---	11.0	10.0	10.4	13.0	11.5	12.0	16.0	13.0	14.1
30	---	---	---	10.5	10.0	10.4	12.5	11.5	11.8	14.5	13.0	13.6
31	---	---	---	10.5	10.0	10.4	---	---	---	14.5	13.5	13.6
MONTH	10.5	9.0	9.5	11.0	9.5	10.3	13.0	10.0	11.1	16.0	11.5	13.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	15.0	13.5	14.2	17.0	16.0	16.2	17.5	16.0	16.6	18.0	17.0	17.4
2	14.5	13.5	13.8	18.5	16.0	16.8	17.5	16.0	16.6	19.0	16.5	17.4
3	14.5	13.5	14.0	18.5	15.0	16.8	18.0	16.0	16.8	17.5	16.5	17.1
4	14.5	13.5	13.9	18.0	15.0	16.5	18.0	16.5	17.0	18.0	17.0	17.1
5	15.0	13.5	13.9	17.5	15.5	16.4	19.5	16.0	17.0	17.0	17.0	17.0
6	14.5	13.5	13.9	17.5	15.0	15.9	20.5	16.5	18.4	17.5	17.0	17.2
7	14.0	13.5	13.8	16.5	15.0	15.6	20.5	17.5	18.5	18.0	17.0	17.3
8	15.0	13.5	14.1	17.0	15.0	15.9	19.0	17.0	17.8	17.5	17.0	17.2
9	15.0	13.5	14.2	16.5	16.0	16.1	19.5	17.5	18.1	18.5	17.0	17.4
10	14.5	14.0	14.0	16.5	15.5	16.1	19.0	16.5	17.8	18.5	17.0	17.6
11	16.0	14.0	14.7	16.5	15.5	15.9	20.0	16.5	17.6	18.5	17.0	17.5
12	15.5	14.0	14.4	17.0	15.5	16.0	17.5	16.0	16.7	18.5	17.0	17.6
13	15.5	14.0	15.1	17.0	15.5	16.1	17.0	16.0	16.4	19.0	17.5	17.7
14	15.0	14.0	14.5	17.5	15.5	16.1	17.0	16.0	16.5	18.0	17.5	17.5
15	15.5	14.5	14.6	17.0	15.5	16.0	17.5	16.0	16.7	18.5	17.5	17.9
16	15.0	14.0	14.5	17.0	15.5	16.0	17.0	16.0	16.4	20.5	18.0	18.9
17	15.5	14.5	14.8	17.0	15.5	16.1	17.5	16.0	16.6	19.0	17.5	17.9
18	16.0	14.0	14.9	17.5	15.5	16.0	18.0	16.5	16.9	18.0	17.5	17.6
19	16.0	14.5	14.9	16.5	15.5	15.7	17.5	16.5	16.8	18.0	17.5	17.7
20	16.0	14.5	15.0	16.5	15.5	15.8	18.0	16.5	16.9	18.0	17.5	17.6
21	15.0	14.5	14.7	18.0	15.5	16.0	18.0	16.5	16.7	18.5	17.5	17.7
22	15.5	14.5	14.9	17.5	15.5	16.6	18.0	16.5	16.9	18.5	17.5	17.8
23	15.5	14.5	15.0	18.5	15.5	17.2	18.0	16.5	17.0	19.0	17.5	17.9
24	15.5	14.5	15.0	19.0	15.5	17.5	18.5	16.5	17.0	19.0	17.5	18.0
25	16.0	14.5	15.0	19.0	15.5	17.3	17.0	16.5	16.7	18.5	17.5	17.8
26	17.0	14.5	15.6	19.0	16.5	17.5	17.5	16.5	16.8	18.0	17.5	17.7
27	17.0	14.5	15.7	18.0	16.5	17.0	17.5	16.5	16.8	18.5	17.5	17.8
28	17.0	15.0	15.7	18.5	16.5	17.4	18.0	16.5	17.2	20.0	17.5	18.1
29	16.5	15.0	15.4	17.5	16.0	16.5	18.0	16.5	17.1	18.0	17.5	17.8
30	17.0	15.0	15.7	18.5	16.5	17.6	18.0	16.5	17.4	19.0	18.0	18.1
31	---	---	---	18.0	16.0	16.8	18.0	16.5	17.4	---	---	---
MONTH	17.0	13.5	14.7	19.0	15.0	16.4	20.5	16.0	17.1	20.5	16.5	17.6
YEAR	21.5	9.0	14.0									

SANTÉE RIVER BASIN

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02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.9	.4	1.6	---	---	---	8.0	6.5	7.1	13.3	11.0	11.7
2	4.9	.6	2.1	---	---	---	7.9	6.6	7.1	13.5	10.8	11.4
3	4.3	.6	1.7	---	---	---	7.8	6.6	6.9	13.0	10.9	11.4
4	2.6	.8	1.4	8.7	6.4	7.2	7.7	6.4	6.9	12.3	11.0	11.7
5	2.9	.8	1.6	7.8	6.7	7.2	9.3	6.7	7.4	13.3	11.0	11.5
6	4.7	.8	1.8	7.9	7.0	7.3	9.7	8.2	8.8	13.6	10.7	11.4
7	3.1	.3	1.4	8.8	7.1	7.7	10.5	7.9	8.9	12.7	10.7	11.2
8	6.6	1.2	3.1	8.2	7.1	7.4	10.1	7.4	8.1	12.7	10.6	11.1
9	7.3	.5	3.6	9.2	7.2	8.0	10.2	7.5	9.0	12.0	10.5	10.9
10	3.1	.1	.9	8.9	7.5	8.1	10.5	8.2	8.9	11.3	10.4	10.9
11	1.9	.3	.9	9.1	7.6	8.0	9.1	8.4	8.8	11.5	10.3	10.8
12	1.4	.1	.6	9.3	7.6	8.1	9.1	8.6	8.9	13.1	10.2	11.4
13	2.2	.2	1.1	8.4	7.5	7.9	9.3	8.8	9.0	13.4	10.1	11.0
14	2.9	.7	1.5	9.3	7.8	8.5	9.4	8.9	9.1	11.4	9.5	10.1
15	4.4	1.0	1.9	10.0	8.0	8.8	9.9	8.8	9.2	11.9	9.6	10.3
16	3.5	.7	1.7	10.2	8.2	8.7	10.3	9.0	9.5	10.9	9.5	10.0
17	5.2	.8	2.6	9.2	8.1	8.5	10.3	9.3	9.6	12.3	9.9	10.7
18	3.4	1.6	2.3	10.7	8.0	8.9	10.1	9.4	9.7	12.0	10.2	10.8
19	3.3	1.4	2.2	10.1	8.0	8.7	10.3	9.4	9.7	11.1	9.8	10.2
20	4.9	1.4	2.8	9.4	8.2	8.7	10.5	9.6	10.0	11.5	9.9	10.3
21	3.1	.9	2.0	8.8	8.1	8.5	10.5	9.8	10.0	11.5	9.9	10.4
22	2.0	.1	.8	9.0	7.9	8.4	10.3	9.7	9.9	11.4	9.8	10.2
23	2.1	.1	.7	8.4	7.7	8.1	10.4	9.7	9.9	11.5	10.0	10.4
24	1.3	.1	.4	8.9	7.5	7.9	10.0	9.5	9.7	10.9	10.1	10.4
25	2.3	.1	.6	8.8	7.2	7.8	10.9	9.4	10.0	11.6	10.4	10.9
26	2.8	.2	.9	8.9	7.1	7.8	10.7	9.4	9.8	13.5	10.6	11.4
27	11.2	.7	3.5	8.5	7.1	7.5	10.1	9.4	9.6	11.5	10.3	10.9
28	11.2	2.2	6.3	8.4	7.1	7.6	11.5	9.2	9.8	11.5	11.0	11.3
29	10.9	1.9	4.4	7.6	6.8	7.2	12.4	9.4	10.2	11.5	11.1	11.3
30	8.2	3.7	6.0	7.5	6.6	7.0	13.0	9.4	10.6	11.6	11.2	11.4
31	---	---	---	---	---	---	12.9	10.9	11.6	11.4	11.2	11.3
MONTH	---	---	---	---	---	---	13.0	6.4	9.2	13.6	9.5	10.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.3	10.5	10.9	11.7	10.0	10.6	---	---	---	9.5	7.8	8.4
2	10.8	9.9	10.4	10.8	9.7	10.2	---	---	---	9.3	7.8	8.3
3	10.8	9.5	10.0	10.6	9.9	10.2	---	---	---	9.5	7.9	8.4
4	10.3	9.8	9.9	10.5	9.7	10.0	---	---	---	8.6	7.6	7.8
5	10.2	9.8	10.0	9.9	9.6	9.7	---	---	---	10.0	7.5	8.1
6	10.1	10.0	10.0	9.9	9.5	9.8	---	---	---	11.1	7.8	8.8
7	10.1	9.9	10.0	11.5	9.8	10.2	10.6	9.0	9.4	8.2	7.2	7.6
8	10.1	10.0	10.0	11.1	9.8	10.2	10.0	9.0	9.2	9.8	7.2	7.5
9	10.2	10.0	10.1	11.0	9.9	10.2	10.2	8.9	9.3	9.8	7.2	7.6
10	10.2	10.0	10.1	10.5	10.1	10.3	9.5	8.9	9.1	8.8	7.0	7.3
11	10.7	9.9	10.2	11.0	10.0	10.3	10.4	8.8	9.2	8.0	7.1	7.4
12	11.4	10.1	10.5	10.4	10.1	10.3	10.8	8.8	9.6	9.7	6.8	7.7
13	11.6	9.9	10.7	10.5	10.2	10.3	10.5	8.8	9.2	9.7	6.8	7.5
14	11.3	9.8	10.4	10.4	10.1	10.3	10.5	8.8	9.0	9.9	6.8	7.6
15	11.1	9.6	10.3	10.5	10.3	10.4	10.0	8.8	9.1	9.2	6.6	7.2
16	11.9	9.2	10.0	10.8	9.6	10.2	9.8	8.7	9.0	7.6	6.4	7.0
17	11.1	9.5	10.1	---	---	---	10.4	8.6	9.0	7.5	6.7	7.0
18	11.3	9.9	10.2	---	---	---	9.4	8.6	8.9	9.5	6.4	7.1
19	11.0	9.9	10.2	---	---	---	8.7	8.5	8.5	9.6	6.4	7.4
20	11.0	9.8	10.4	---	---	---	8.7	8.4	8.6	8.3	6.3	7.0
21	11.2	9.8	10.3	---	---	---	10.1	8.3	8.9	9.0	6.3	7.1
22	10.3	9.7	10.0	---	---	---	9.6	8.3	8.8	10.5	6.6	8.3
23	11.4	9.9	10.4	---	---	---	10.6	8.2	9.2	9.2	6.3	7.3
24	11.5	10.0	10.8	10.9	9.6	10.2	10.0	8.2	8.7	8.5	6.0	7.6
25	11.5	9.9	10.5	11.2	9.7	10.1	10.0	8.1	8.8	8.1	5.9	6.7
26	10.8	9.7	10.1	---	---	---	9.0	8.1	8.6	7.5	6.3	7.0
27	10.3	9.7	10.0	---	---	---	9.2	8.0	8.4	8.6	6.3	7.6
28	11.5	10.0	10.4	---	---	---	10.4	8.0	8.9	8.3	6.0	7.0
29	---	---	---	---	---	---	10.4	8.0	9.0	8.7	5.8	6.9
30	---	---	---	---	---	---	9.8	7.9	8.4	8.1	5.5	6.6
31	---	---	---	---	---	---	---	---	---	8.1	5.7	6.5
MONTH	11.9	9.2	10.2	---	---	---	---	---	---	11.1	5.5	7.5

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.8	5.8	7.5	8.4	4.5	6.4	7.0	3.5	5.3	7.3	1.9	5.2
2	9.2	5.7	7.1	5.2	2.0	3.2	6.9	3.6	5.6	6.6	.9	3.6
3	8.5	5.7	6.8	9.8	3.2	5.8	7.0	4.8	5.8	4.7	.7	2.6
4	8.0	5.9	6.7	8.5	4.4	6.0	7.0	4.1	5.7	6.2	.5	2.3
5	7.7	5.3	6.3	8.2	4.4	5.8	8.4	2.6	4.9	4.3	.6	1.9
6	6.9	5.4	5.9	8.2	5.0	6.0	8.2	4.4	5.9	4.2	1.2	2.3
7	6.3	5.3	5.8	8.8	5.8	7.4	8.0	4.0	5.6	4.8	1.6	3.4
8	8.5	5.3	6.6	9.9	6.1	8.3	7.5	4.4	5.6	3.9	1.3	2.8
9	8.4	5.4	6.6	10.0	8.4	9.0	7.5	4.3	5.4	5.0	1.3	3.3
10	7.3	5.5	6.1	9.9	8.4	9.0	7.2	3.8	5.0	5.8	1.3	4.2
11	8.1	5.3	6.6	9.8	5.8	8.3	5.3	2.0	4.0	5.7	2.7	4.4
12	7.4	5.2	5.8	8.8	5.6	6.8	5.2	2.4	4.0	5.3	1.1	3.3
13	9.9	5.3	8.3	8.9	5.2	6.8	4.4	1.9	3.4	5.8	.6	3.4
14	8.6	5.6	6.9	8.7	4.8	6.5	5.9	3.1	4.6	4.5	1.6	3.0
15	8.2	5.4	6.5	8.3	5.4	6.6	6.6	3.3	5.1	5.0	2.9	4.2
16	7.1	5.5	6.3	8.2	5.6	6.5	5.6	1.4	3.2	4.9	1.1	3.0
17	8.1	5.1	6.8	8.8	5.4	6.6	7.1	1.3	3.1	2.8	.6	1.6
18	9.4	5.0	7.0	8.9	3.7	6.0	6.7	1.8	4.8	3.6	.7	2.2
19	9.6	5.0	7.0	7.1	3.5	5.4	7.7	2.0	4.6	3.9	.8	2.4
20	10.0	5.0	7.2	7.5	4.0	5.7	7.0	1.4	4.7	2.9	.6	1.6
21	6.5	4.7	5.6	8.6	3.9	5.7	6.2	2.7	4.5	3.2	.4	1.6
22	8.8	4.7	6.3	10.3	3.6	7.8	6.3	2.0	4.6	2.9	.4	1.2
23	8.0	5.1	6.8	9.1	3.4	6.5	6.7	4.1	5.1	3.2	.8	2.0
24	8.4	4.9	6.6	8.3	2.8	5.8	6.7	.8	3.6	3.7	.8	2.6
25	9.1	4.8	6.5	8.3	2.8	5.7	4.7	1.0	2.9	2.5	.8	1.6
26	9.0	5.1	6.8	8.3	4.3	5.8	5.9	1.8	4.3	2.5	.6	1.3
27	8.7	4.5	6.6	6.9	4.3	5.2	6.1	.7	2.9	3.0	.6	1.4
28	9.1	4.7	6.7	7.8	4.2	5.7	7.9	2.0	5.8	2.1	.3	.8
29	8.6	4.4	6.6	4.9	2.6	3.9	7.6	.5	3.8	2.8	.5	1.1
30	8.3	4.4	6.0	6.3	3.6	5.1	7.7	.9	5.0	3.4	.3	1.6
31	---	---	---	5.9	3.0	4.7	7.7	.5	3.9	---	---	---
MONTH	10.0	4.4	6.6	10.3	2.0	6.3	8.4	.5	4.6	7.3	.3	2.5

SANTEE RIVER BASIN

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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 mi².

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.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500).

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	1990	2470	2530	4560	13100	3900	3070	4630	3470	802	1120	2170
2	2880	2610	2220	7110	11900	3520	2630	4930	2970	366	923	1730
3	1350	6160	2520	3420	5860	3660	3490	4670	2210	650	909	3450
4	1640	5230	2330	3020	13700	4350	5800	11100	2310	750	847	5150
5	1430	4680	2450	4640	15000	3240	5070	6930	3400	718	892	4680
6	1330	3030	3420	5850	18000	2940	6060	3410	2610	973	512	3340
7	1840	2950	2940	7530	17800	4040	8040	6170	2920	1840	415	2010
8	1740	3430	6370	4710	17900	9190	12600	10400	1950	1810	440	2470
9	2010	4220	3140	4330	14500	14200	12300	10900	1590	1510	493	1830
10	1220	3200	2810	3180	15100	12500	12300	13800	1980	1480	635	1080
11	1280	2760	3030	3270	7720	11700	12300	6360	1890	1340	1220	1200
12	1430	2590	2130	3450	4990	15100	3740	6390	6730	837	1380	2120
13	1410	4160	1950	3310	5290	15300	7070	4750	2640	836	1780	1960
14	1460	4030	2290	3920	5720	15500	10600	2790	2480	834	1180	1780
15	1370	2730	2030	7170	4080	14400	6290	9420	3240	858	1110	1090
16	1510	3110	1760	9120	3380	7750	7600	3200	2460	871	2330	590
17	1680	4650	2270	4980	5520	2700	5620	2700	1920	913	5290	2030
18	2300	4110	2140	4910	12500	2780	9830	4200	2850	1340	2310	2760
19	2590	3610	2380	7670	11500	4080	14500	6630	3060	2370	1520	1560
20	1830	2720	2480	6370	4100	5480	13200	3440	2600	2720	1340	2300
21	2150	2160	2600	6520	3860	9210	7890	5600	2360	2010	1050	2660
22	1850	2320	2610	8750	5310	4060	4800	2860	2240	2490	1100	3230
23	1440	2250	2460	8710	6890	4220	5000	4130	2950	1360	912	2140
24	1200	2260	3120	7980	7420	3960	8270	2520	2870	568	3840	969
25	1120	2160	2190	9430	4420	3910	5740	3490	2870	759	2980	1930
26	1760	1990	2360	8180	2220	3920	5130	2640	1210	607	1690	2470
27	2580	2430	2380	10500	9460	3050	6490	1880	1300	634	3910	3150
28	4280	2070	2250	13000	4720	2870	4920	1610	1170	630	2160	7040
29	2730	2720	4640	11700	---	2940	3700	2060	1200	1100	6340	3700
30	1970	2810	6190	12500	---	3120	3740	1990	1780	700	2970	2790
31	2370	---	5000	15200	---	4210	---	2220	---	991	3890	---
TOTAL	57740	95620	88990	214990	251960	201800	217790	157820	75230	35667	57488	75379
MEAN	1863	3187	2871	6935	8999	6510	7260	5091	2508	1151	1854	2513
MAX	4280	6160	6370	15200	18000	15500	14500	13800	6730	2720	6340	7040
MIN	1120	1990	1760	3020	2220	2700	2630	1610	1170	366	415	590
CFSM	.74	1.26	1.14	2.75	3.57	2.58	2.88	2.02	1.00	.46	.74	1.00
IN.	.85	1.41	1.31	3.17	3.72	2.98	3.21	2.33	1.11	.53	.85	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 1998, BY WATER YEAR (WY)

	MEAN	2918	2574	2571	3088	3362	3383	3104	2298	2570	2681	3047	2967
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	

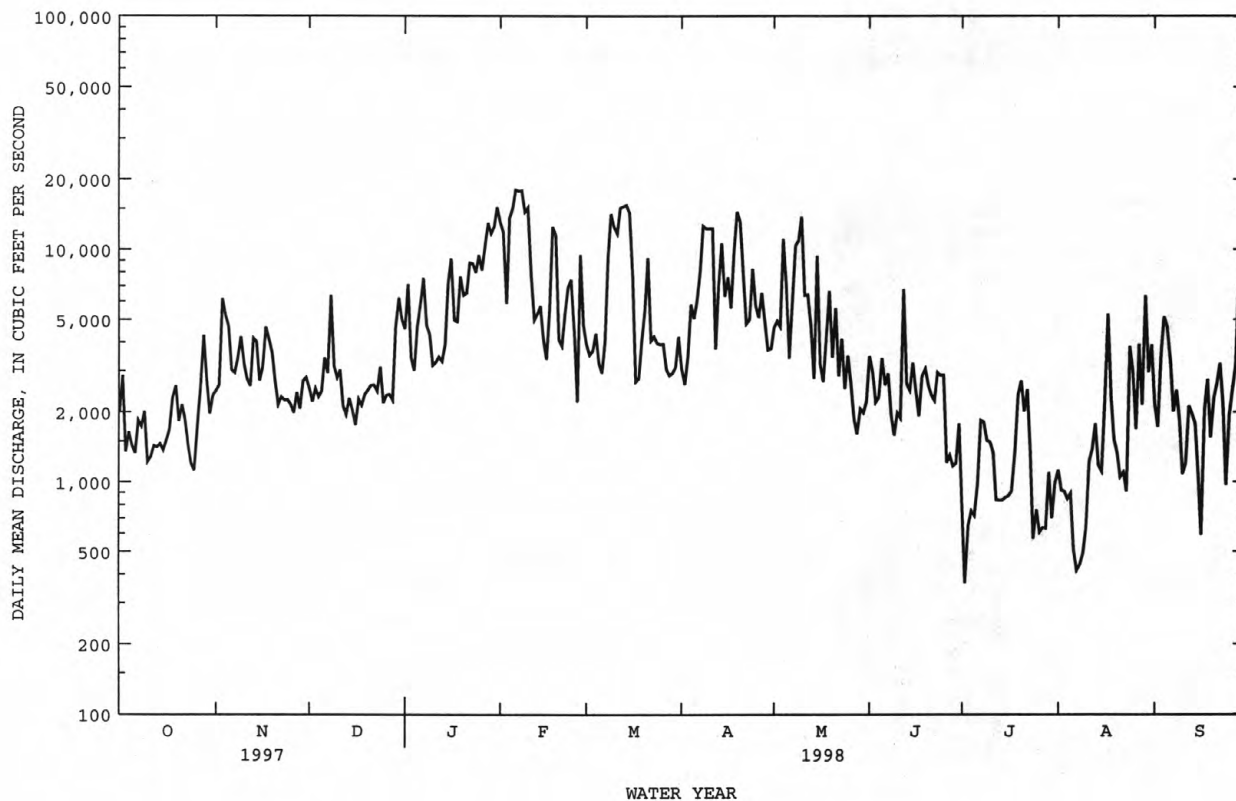
SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1925 - 1998	
ANNUAL TOTAL	963122		1530474		2880	
ANNUAL MEAN	2639		4193		5431	
HIGHEST ANNUAL MEAN					815	
LOWEST ANNUAL MEAN					62300	
HIGHEST DAILY MEAN	10400	Feb 16	18000	Feb 6	12	Oct 2 1929
LOWEST DAILY MEAN	370	Apr 25	366	Jul 2	21	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	622	Jan 14	605	Aug 4	11	Aug 28 1930
INSTANTANEOUS PEAK FLOW			21700	Feb 4	* 67000	Oct 2 1929
INSTANTANEOUS PEAK STAGE			8.53	Feb 4	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			271 **	Jul 2	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	1.05		1.66		1.14	
ANNUAL RUNOFF (INCHES)	14.22		22.59		15.53	
10 PERCENT EXCEEDS	4660		9440		6350	
50 PERCENT EXCEEDS	2410		2920		2010	
90 PERCENT EXCEEDS	1090		1110		407	

* From rating curve extended above 36,000 ft³/s.

** Also occurred on July 3.



SANTEE RIVER BASIN

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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, June 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, Aug. 10; minimum, 9.5°C, Feb. 14 - 16.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Mar. 22; minimum, 2.2 mg/L, Aug. 29.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	19.0	20.5	20.0	19.5	19.5	14.5	13.5	14.0	12.5	11.5	12.0
2	21.0	19.0	20.0	20.0	19.0	19.5	14.0	13.0	13.5	12.5	11.0	12.0
3	20.0	18.5	19.0	20.0	18.5	19.5	14.0	13.0	13.5	12.5	11.5	12.0
4	20.0	18.5	19.5	19.5	18.5	19.0	---	---	---	13.0	11.5	12.0
5	20.5	19.0	20.0	19.5	18.5	19.0	---	---	---	12.5	12.0	12.5
6	21.0	19.0	20.0	19.0	18.5	18.5	---	---	---	13.5	12.0	12.5
7	21.0	19.5	20.5	19.0	18.5	18.5	---	---	---	12.5	12.0	12.5
8	21.0	19.5	20.0	18.5	18.0	18.5	---	---	---	13.0	12.0	12.5
9	20.5	19.5	20.5	19.0	18.0	18.5	---	---	---	12.5	12.0	12.0
10	21.0	20.0	20.5	19.0	18.0	18.5	14.0	13.0	13.5	12.5	11.5	12.0
11	21.0	20.5	20.5	18.5	17.5	18.0	14.0	13.5	13.5	12.5	11.0	11.5
12	20.5	20.0	20.5	18.0	17.5	17.5	13.5	13.5	13.5	12.0	11.5	11.5
13	20.5	19.5	20.0	17.5	16.0	17.0	13.5	13.0	13.0	12.5	11.5	11.5
14	21.0	20.0	20.5	17.5	16.5	17.0	13.0	12.5	13.0	11.5	11.0	11.5
15	21.0	19.5	20.0	17.5	16.5	17.0	13.0	12.0	12.5	11.5	11.0	11.0
16	19.5	19.0	19.5	17.0	16.5	16.5	13.0	12.0	12.5	11.5	11.0	11.5
17	19.5	19.0	19.5	17.0	16.0	16.5	13.0	12.0	12.5	12.0	11.5	11.5
18	19.5	19.0	19.0	16.5	15.5	16.5	13.0	12.0	12.5	12.5	11.0	11.5
19	19.0	18.5	19.0	16.5	15.5	16.0	13.0	12.0	12.5	11.5	11.0	11.5
20	20.0	18.5	19.5	16.0	15.5	15.5	13.0	12.0	12.5	12.0	11.0	11.5
21	20.0	19.0	19.5	16.0	15.0	15.5	12.5	12.0	12.5	12.0	11.0	11.5
22	19.5	19.0	19.0	16.0	15.5	15.5	12.0	11.5	12.0	11.5	11.0	11.5
23	19.5	18.5	19.0	15.5	14.5	15.0	12.0	11.5	12.0	12.0	11.5	11.5
24	19.0	18.5	19.0	14.5	13.5	14.0	12.0	11.5	11.5	12.0	11.5	11.5
25	21.0	19.0	20.0	14.5	13.0	13.5	12.5	11.5	12.0	12.0	11.5	11.5
26	20.5	19.0	20.0	14.5	13.0	14.0	---	---	---	12.0	11.5	11.5
27	19.5	19.0	19.5	14.5	13.5	14.0	---	---	---	11.5	10.5	11.0
28	20.5	19.0	19.5	14.5	13.0	13.5	---	---	---	11.5	11.0	11.5
29	20.0	19.0	19.5	14.0	13.5	13.5	---	---	---	12.0	11.0	11.5
30	20.0	18.5	19.5	14.0	13.5	14.0	---	---	---	12.0	11.0	11.5
31	19.5	19.0	19.5	---	---	---	12.5	11.5	12.0	11.5	11.0	11.0
MONTH	21.0	18.5	19.8	20.0	13.0	16.6	---	---	---	13.5	10.5	11.7

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.5	11.0	11.0	11.5	10.5	11.0	13.0	11.5	12.5	14.0	12.5	13.5
2	11.0	11.0	11.0	11.5	10.5	11.0	13.0	12.0	12.5	14.0	13.0	13.0
3	11.0	10.5	11.0	12.0	10.0	11.0	13.5	11.0	12.0	14.0	12.5	13.5
4	10.5	10.5	10.5	12.0	10.5	11.0	14.0	11.5	12.5	14.0	12.5	13.5
5	10.5	10.0	10.5	11.0	10.5	11.0	13.0	11.0	12.0	14.5	13.0	14.0
6	10.5	10.0	10.5	11.0	11.0	11.0	12.5	11.0	11.5	15.0	13.0	14.0
7	10.5	10.0	10.5	11.0	11.0	11.0	12.5	11.0	11.5	15.0	13.0	13.5
8	10.5	10.0	10.5	12.0	11.0	11.5	12.0	11.0	11.5	15.0	13.5	14.0
9	10.5	10.0	10.5	12.0	11.5	11.5	15.0	12.0	13.0	15.5	14.0	14.5
10	10.5	10.0	10.0	11.5	11.0	11.5	14.0	11.5	12.5	14.5	14.0	14.0
11	10.5	10.0	10.0	11.5	11.0	11.0	13.0	12.0	12.5	15.0	13.5	14.5
12	11.0	10.0	10.5	11.5	10.5	11.0	14.0	12.0	13.0	15.0	13.5	14.5
13	10.5	10.0	10.0	11.5	10.5	11.0	13.5	11.5	12.0	15.5	13.5	14.5
14	10.5	9.5	10.0	11.5	10.5	11.0	12.0	11.5	12.0	16.0	13.5	14.5
15	10.5	9.5	10.0	11.5	11.0	11.0	13.0	11.5	12.5	15.0	14.0	14.5
16	10.0	9.5	10.0	12.0	10.5	11.0	13.0	12.0	12.5	16.0	14.0	15.0
17	11.5	10.0	10.5	11.0	10.5	10.5	12.5	12.0	12.5	15.5	14.5	15.0
18	10.5	10.0	10.5	11.0	10.5	10.5	14.0	12.0	13.0	15.5	14.0	14.5
19	10.5	10.0	10.5	12.5	11.0	11.5	12.5	12.5	12.5	15.5	14.0	15.0
20	11.0	10.0	10.5	11.5	11.0	11.5	13.5	12.5	13.0	16.0	14.0	15.0
21	11.5	10.0	10.5	11.5	11.0	11.0	13.5	12.5	13.0	16.0	14.0	15.0
22	10.5	10.0	10.0	12.5	11.0	11.5	13.5	12.0	12.5	17.0	14.5	15.5
23	10.5	10.0	10.5	12.5	10.5	11.5	13.5	12.0	12.5	17.0	14.5	15.0
24	11.5	10.0	10.5	12.0	11.0	11.5	13.5	12.0	12.5	17.0	14.5	16.0
25	12.0	10.5	11.0	11.5	10.5	11.0	13.0	12.0	12.5	17.5	14.5	15.5
26	12.0	10.5	11.0	12.5	10.5	11.5	13.5	12.5	13.0	16.0	15.0	15.5
27	11.0	10.5	10.5	13.0	11.0	12.0	14.0	12.5	13.0	17.0	14.5	15.5
28	12.0	10.5	11.0	13.0	11.5	12.0	14.0	12.5	13.5	17.5	15.5	16.5
29	---	---	---	13.0	11.0	12.0	14.5	12.5	13.5	19.0	14.5	16.5
30	---	---	---	13.0	11.0	12.0	13.5	12.5	13.0	19.0	15.0	16.0
31	---	---	---	12.5	11.0	11.5	---	---	---	17.0	15.0	16.0
MONTH	12.0	9.5	10.5	13.0	10.0	11.3	15.0	11.0	12.5	19.0	12.5	14.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	17.5	14.5	16.5	21.0	17.5	19.0	21.0	19.0	20.0	20.0	18.0	19.0
2	17.5	15.0	16.0	22.5	21.0	21.5	20.0	18.5	19.5	20.0	18.0	19.0
3	18.0	15.0	16.5	23.0	21.5	22.5	20.0	19.5	20.0	21.5	18.0	19.5
4	18.0	15.5	17.0	22.5	20.5	21.0	20.5	19.5	20.0	21.0	18.5	20.0
5	17.5	15.0	16.0	22.0	19.5	21.0	22.0	19.5	20.5	20.0	18.5	19.0
6	17.0	15.5	16.5	22.5	20.0	21.0	20.5	18.0	19.5	19.5	18.0	19.0
7	16.5	15.0	16.0	20.0	17.0	18.5	23.5	20.5	21.5	20.5	18.5	19.5
8	17.0	14.5	16.0	20.0	17.5	18.5	23.5	23.0	23.0	20.5	19.0	19.5
9	17.5	15.0	16.0	20.0	18.0	19.5	23.5	23.0	23.0	20.0	18.0	19.0
10	17.0	15.5	16.5	20.0	18.0	19.0	24.0	22.0	23.0	20.0	19.0	19.5
11	18.0	15.0	17.0	19.5	18.0	19.0	23.5	19.0	21.5	20.0	18.5	19.5
12	18.5	16.0	17.0	20.5	19.0	20.0	21.5	19.0	19.5	20.0	18.5	19.0
13	19.0	16.5	17.5	20.5	20.0	20.0	21.5	18.5	20.0	21.0	18.5	20.0
14	18.5	16.5	17.0	21.0	19.5	20.0	20.0	18.5	19.0	20.5	18.0	19.0
15	17.5	16.0	16.5	20.0	19.5	20.0	20.5	18.5	19.0	21.0	19.0	20.0
16	17.5	16.5	16.5	20.0	19.5	19.5	22.0	17.5	20.0	22.0	20.5	21.0
17	18.0	16.5	17.0	20.0	19.5	19.5	19.0	17.0	18.0	22.0	18.5	21.0
18	18.0	16.0	17.0	21.0	18.5	20.5	20.5	17.5	18.5	19.5	18.5	19.0
19	17.5	16.0	16.5	19.5	16.5	18.0	20.5	18.5	20.0	19.5	18.5	19.0
20	18.0	16.0	17.0	19.5	18.0	18.5	20.0	18.5	19.5	20.0	19.0	19.5
21	17.0	16.0	16.5	19.5	17.0	18.5	20.5	19.5	20.0	20.0	18.5	19.0
22	17.5	16.0	17.0	20.0	17.0	18.5	20.0	19.0	19.5	20.0	18.5	19.5
23	17.5	16.0	17.0	20.0	18.0	19.0	20.5	19.5	20.0	20.0	18.5	19.5
24	17.5	16.5	17.0	23.5	20.0	22.0	20.5	18.0	19.5	20.5	20.0	20.0
25	18.0	16.0	17.0	23.0	21.5	21.5	20.0	17.5	18.5	20.5	18.5	19.5
26	19.0	16.5	17.5	23.0	21.0	22.0	20.0	17.5	19.0	19.5	18.5	19.5
27	19.5	16.5	18.0	22.0	20.5	21.5	19.5	18.5	19.0	19.5	18.5	19.0
28	20.0	18.0	19.0	22.5	20.0	21.0	20.5	18.0	19.0	20.0	19.0	19.0
29	20.0	19.0	19.5	23.5	19.5	22.0	19.5	18.0	18.5	19.5	18.5	19.0
30	20.0	17.5	18.5	21.5	18.5	20.0	19.5	18.0	18.5	20.5	18.5	19.5
31	---	---	---	22.5	19.5	21.0	20.5	18.0	19.0	---	---	---
MONTH	20.0	14.5	17.0	23.5	16.5	20.1	24.0	17.0	19.9	22.0	18.0	19.5

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.6	4.2	6.6	6.9	5.8	6.4	7.9	7.2	7.5	11.4	10.3	10.9
2	6.6	4.1	5.6	7.3	6.8	7.1	---	---	---	11.6	10.3	10.7
3	7.0	5.7	6.1	7.8	7.2	7.5	---	---	---	11.5	10.3	10.8
4	6.5	5.2	5.8	8.7	7.7	8.1	---	---	---	11.7	10.5	11.0
5	6.3	5.3	5.7	---	---	---	---	---	---	11.5	10.2	10.7
6	6.2	5.3	5.7	---	---	---	---	---	---	11.0	10.0	10.3
7	6.2	4.6	5.6	8.5	7.4	8.0	---	---	---	10.9	10.0	10.3
8	6.3	4.5	5.5	8.0	7.4	7.7	---	---	---	10.6	9.9	10.2
9	6.7	5.4	6.2	8.6	7.4	7.9	---	---	---	10.5	9.9	10.2
10	7.2	5.4	6.2	8.7	7.6	8.2	9.7	9.0	9.4	10.8	10.1	10.5
11	6.0	5.2	5.7	8.8	7.9	8.4	9.7	8.9	9.3	10.8	10.1	10.4
12	6.4	4.8	5.6	8.6	7.8	8.3	9.6	9.0	9.2	11.4	10.1	10.6
13	5.8	4.8	5.3	8.2	7.6	8.0	9.7	9.0	9.4	11.3	10.1	10.7
14	6.0	4.8	5.3	8.7	7.6	8.2	9.5	9.2	9.4	10.6	9.6	10.0
15	4.9	4.7	4.8	9.1	8.1	8.6	10.1	9.3	9.7	10.6	9.7	9.9
16	5.5	4.6	5.1	9.1	8.4	8.7	10.2	9.4	9.8	10.3	9.7	9.9
17	5.2	4.5	4.9	8.9	8.1	8.5	10.3	9.6	9.9	10.9	9.9	10.3
18	5.3	4.7	4.9	9.3	8.1	8.5	10.5	9.6	10.0	11.0	10.0	10.4
19	5.2	4.6	4.9	9.0	8.2	8.6	10.7	9.7	10.1	10.5	9.8	10.1
20	6.0	4.7	5.3	9.3	8.6	9.0	10.7	9.8	10.2	10.4	9.8	10.2
21	5.7	4.6	5.1	8.8	8.3	8.5	10.6	9.7	10.1	10.6	9.9	10.2
22	5.1	4.5	4.7	8.7	8.2	8.4	10.0	9.7	9.9	10.6	9.7	10.0
23	5.5	3.6	4.6	8.7	8.1	8.3	10.1	9.7	9.9	10.2	9.8	9.9
24	5.0	3.7	4.4	---	---	---	9.9	9.6	9.7	10.1	9.8	10.0
25	6.9	4.4	5.4	---	---	---	10.2	9.5	9.8	10.7	10.0	10.3
26	5.7	4.6	5.1	8.6	8.0	8.2	---	---	---	11.0	10.1	10.3
27	5.5	3.6	4.8	8.3	7.9	8.1	---	---	---	10.6	10.1	10.3
28	7.1	4.1	5.9	8.5	7.8	8.2	---	---	---	10.5	10.1	10.4
29	6.7	4.4	5.3	8.1	7.5	7.8	---	---	---	10.6	10.4	10.5
30	6.3	5.0	5.7	7.8	7.4	7.6	---	---	---	10.7	10.3	10.5
31	6.4	5.8	6.1	---	---	---	11.4	10.1	10.6	10.6	10.3	10.4
MONTH	7.6	3.6	5.4	---	---	---	---	---	---	11.7	9.6	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.8	10.4	10.5	11.7	11.0	11.3	11.7	11.1	11.3	9.7	8.6	9.1
2	10.7	10.4	10.5	11.8	10.7	11.3	12.2	10.6	11.3	9.8	8.8	9.3
3	11.2	10.4	10.7	11.7	10.6	11.0	11.2	10.5	10.9	9.9	8.8	9.4
4	10.9	10.4	10.6	11.8	10.8	11.3	10.7	9.8	10.4	8.9	8.2	8.5
5	11.0	10.7	10.8	11.4	10.8	11.1	11.9	10.3	11.0	9.4	8.2	8.8
6	11.0	10.8	10.9	11.2	10.8	11.0	11.4	9.8	10.8	10.3	8.6	9.6
7	11.0	10.8	10.8	11.6	10.8	11.1	11.3	10.2	10.7	10.1	8.3	9.0
8	10.9	10.7	10.8	11.6	10.6	11.1	10.6	9.8	10.3	8.4	7.9	8.1
9	11.1	10.7	10.9	11.4	10.5	10.8	10.4	9.8	10.1	9.7	7.8	8.3
10	11.3	10.9	11.0	11.2	10.8	11.0	10.1	9.3	9.7	8.0	7.7	7.9
11	11.9	11.0	11.3	---	---	---	10.3	9.2	9.5	9.0	7.8	8.4
12	12.4	11.1	11.7	---	---	---	10.9	9.2	10.2	9.9	7.8	8.6
13	12.2	11.1	11.5	---	---	---	10.7	9.3	9.9	9.5	7.9	8.6
14	11.7	11.0	11.4	---	---	---	10.3	9.1	9.6	9.6	8.1	8.7
15	12.0	11.3	11.7	---	---	---	10.2	9.0	9.6	9.6	7.5	8.3
16	12.0	11.0	11.3	---	---	---	10.5	9.2	9.5	8.9	7.8	8.5
17	11.2	10.6	10.9	10.6	10.1	10.3	10.1	9.0	9.5	9.1	8.2	8.6
18	11.2	10.6	10.8	10.5	10.1	10.3	9.8	8.9	9.2	9.4	8.1	8.6
19	11.3	10.6	10.8	11.9	9.9	10.4	9.1	8.8	8.9	9.1	7.5	7.9
20	11.6	10.5	11.1	11.7	11.3	11.5	9.0	8.8	8.9	9.5	7.9	8.8
21	11.5	10.7	11.2	12.5	11.2	11.7	10.1	8.9	9.1	9.3	7.8	8.5
22	11.0	10.5	10.7	12.7	10.6	11.7	10.1	9.3	9.6	10.1	7.8	9.1
23	11.3	10.4	10.8	12.3	9.9	11.4	10.5	9.0	9.5	9.9	8.4	8.8
24	11.5	10.5	10.9	11.8	10.2	11.3	9.8	8.8	9.1	10.7	8.7	9.6
25	11.4	10.6	11.0	11.6	9.8	10.8	10.1	9.0	9.5	9.3	7.6	8.3
26	11.6	10.6	11.0	11.6	9.3	10.8	9.9	8.8	9.4	9.4	7.8	8.8
27	10.8	10.5	10.7	11.8	10.4	11.2	9.7	8.8	9.3	10.2	8.4	9.3
28	11.5	10.5	11.0	11.7	10.5	11.0	10.3	8.7	9.4	9.8	8.8	9.3
29	---	---	---	11.9	10.4	11.1	10.5	9.4	9.9	9.5	7.4	8.6
30	---	---	---	11.8	10.7	11.2	10.0	8.6	9.2	9.7	7.4	8.6
31	---	---	---	12.3	11.1	11.5	---	---	---	9.1	7.8	8.5
MONTH	12.4	10.4	11.0	---	---	---	12.2	8.6	9.8	10.7	7.4	8.7

Santee River Basin

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.2	7.6	8.2	9.1	5.4	7.2	8.5	6.4	7.3	9.6	6.7	8.3
2	10.4	7.1	9.0	9.0	6.5	7.2	9.2	6.4	7.9	9.7	6.9	8.5
3	9.3	7.0	8.1	9.1	7.1	8.4	9.5	7.2	8.3	8.5	5.6	7.2
4	8.5	7.6	8.1	9.4	6.9	8.3	10.0	7.4	8.6	8.0	3.4	5.7
5	8.2	6.9	7.6	9.1	6.8	8.0	9.3	7.7	8.5	8.6	3.6	5.9
6	8.5	6.9	7.7	9.3	7.3	8.1	8.7	5.8	7.0	6.3	4.6	5.2
7	8.5	7.2	7.9	9.4	7.0	8.3	8.9	7.3	8.1	---	---	---
8	9.6	7.5	8.4	9.7	7.5	8.6	8.5	6.5	7.6	---	---	---
9	9.4	7.7	8.6	10.1	7.8	8.8	7.9	5.9	7.0	---	---	---
10	8.7	7.3	8.2	10.0	7.8	8.9	7.2	6.3	6.6	---	---	---
11	9.4	7.3	8.2	10.0	7.8	8.9	8.1	4.9	6.5	---	---	---
12	8.9	6.0	7.4	9.8	7.9	8.8	7.8	4.9	5.9	7.0	3.8	5.3
13	9.1	6.4	7.6	9.9	7.7	8.7	6.5	5.1	5.8	8.2	3.1	6.1
14	9.5	8.0	8.7	9.9	7.9	8.8	7.8	5.5	6.7	7.5	3.2	5.1
15	9.3	7.2	8.0	9.2	7.9	8.5	7.7	6.7	7.1	8.2	5.0	6.5
16	8.9	7.0	7.6	9.2	7.6	8.3	7.5	5.0	6.6	8.5	6.5	7.3
17	8.6	6.8	7.7	9.2	7.6	8.3	6.8	3.2	4.4	7.6	3.5	6.3
18	8.8	6.8	7.6	9.5	7.2	8.3	7.7	5.6	6.8	4.7	3.7	4.2
19	8.7	7.5	8.1	9.1	6.0	7.4	7.9	6.6	7.3	6.2	4.7	5.4
20	9.7	7.5	8.5	7.3	5.9	6.6	8.2	6.6	7.3	6.9	4.6	5.5
21	8.2	6.9	7.4	8.3	6.4	7.4	8.9	7.0	8.1	6.1	4.3	5.2
22	8.5	6.8	7.3	9.0	6.5	7.6	8.5	7.0	7.8	7.1	3.6	5.8
23	9.0	7.0	8.0	8.9	7.9	8.5	9.3	6.7	8.0	7.0	3.7	5.9
24	8.4	7.2	7.8	9.1	7.0	8.1	9.1	2.8	6.7	10.6	6.7	8.8
25	8.6	7.4	7.9	9.1	7.5	8.2	8.1	3.8	5.2	9.0	6.4	7.3
26	9.5	7.2	8.4	9.1	7.3	8.2	9.6	4.7	7.7	8.9	4.9	6.6
27	8.8	6.8	7.9	8.3	7.4	7.8	7.7	3.1	6.0	7.1	5.1	6.0
28	9.1	7.2	8.0	9.0	6.4	7.5	10.3	4.9	7.6	7.4	2.6	5.1
29	9.0	7.3	8.0	9.5	7.0	8.1	9.7	2.2	5.9	6.4	3.2	4.9
30	9.2	5.7	7.2	8.4	5.8	6.9	8.0	3.6	6.4	6.1	4.0	5.1
31	---	---	---	8.7	6.6	7.5	9.1	3.5	6.6	---	---	---
MONTH	10.4	5.7	8.0	10.1	5.4	8.1	10.3	2.2	7.0	---	---	---

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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.

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.

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 ft³/s above station for municipal supply.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood since at least October 1891, discharge 364,000 ft³/s, Aug. 27, 1908, gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4710	7150	6290	10700	27500	14700	9440	16400	11000	3460	3440	3360
2	5640	7370	7400	13100	20200	11600	9560	17500	6970	2790	3790	2460
3	3190	9980	7160	9800	15200	12600	12200	19700	6820	2780	3390	5820
4	3620	8840	5730	7540	49300	11600	19900	20100	7050	3710	3130	29800
5	3430	7360	4960	8770	90600	10100	19100	16700	7960	2920	1930	18000
6	3200	6040	7500	12100	87300	9810	17900	10500	7300	3370	2310	7010
7	3820	6650	7750	18000	58100	10800	15600	13500	8130	e4150	1950	5490
8	3810	6330	9560	15000	40100	20900	19800	17400	9160	e4090	2190	5410
9	3970	6380	7540	17900	26700	59500	29800	17500	8140	3970	2610	3680
10	3320	4590	7670	28500	27700	77500	44800	22500	6720	3950	3460	1970
11	3230	6040	7700	18500	17800	69600	42800	14300	5890	3560	4140	2390
12	3480	6010	6340	14000	13500	46300	24500	13200	10100	3200	4080	3980
13	4190	9080	7050	10600	14700	35400	14300	10400	6900	3070	4240	3630
14	4200	12100	6830	10400	13400	26000	20100	8410	6450	3100	3570	3270
15	3050	9670	5530	13300	10700	25100	14700	15000	7720	2960	3990	1940
16	2970	8710	5350	18100	9200	19000	15200	10600	6640	2520	8280	1360
17	3080	9510	5660	29200	16500	9860	17600	9340	5740	2760	20100	3700
18	3580	8080	5710	37800	33100	12100	33400	8100	5810	2950	13600	4950
19	5510	6760	5590	33700	40400	15300	49600	11000	4980	3660	6830	2510
20	5600	5710	5430	33100	26700	18900	40900	8130	6310	6020	5640	3590
21	5010	5790	5430	20300	16900	27100	33700	9760	5940	5820	3770	4340
22	3900	5500	6400	17200	15100	14900	24600	7760	5910	4760	3380	4040
23	3310	5770	8410	22800	17300	12700	19100	8620	6550	3750	3120	4460
24	2860	10200	11500	26500	19900	12000	23700	7770	6360	2610	5160	4180
25	2390	9020	24600	28400	15800	12000	20300	7210	5630	2430	4710	4030
26	6180	8160	31500	24300	12300	12300	14600	6520	5020	2310	3510	3870
27	11900	7890	23200	23900	17800	9890	14600	6130	5220	3780	4880	4530
28	14900	6790	16900	51000	15200	8820	12600	6210	4160	4040	3890	7390
29	13000	5990	15700	59700	---	9460	11000	6980	4020	4710	7170	4840
30	10700	6220	12100	47300	---	9870	10100	6700	4390	4480	4390	4370
31	7100	---	11000	35600	---	11500	---	11000	---	3840	6440	---
TOTAL	158850	223690	299490	717110	769000	657210	655500	364940	198990	111520	153090	160370
MEAN	5124	7456	9661	23130	27460	21200	218					

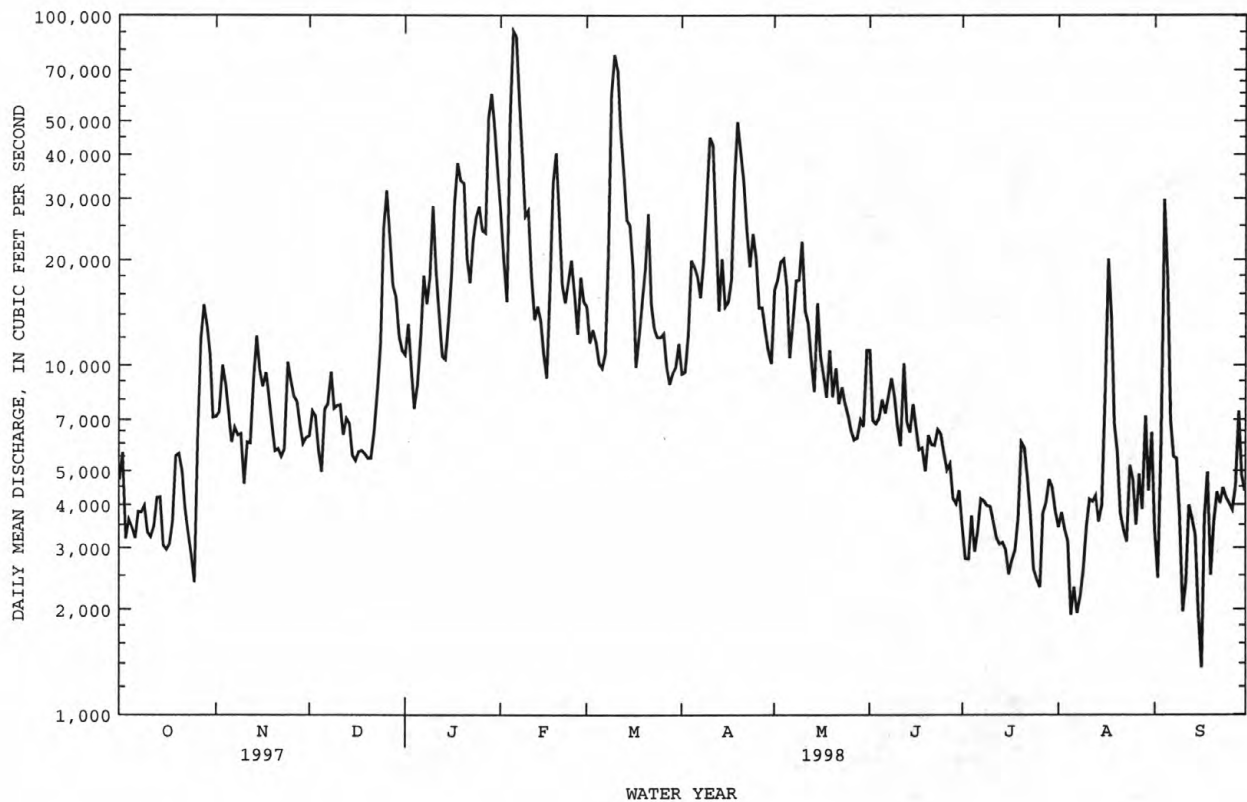
MEAN	7395	7327	8948	12170	13500	14620	11760	8107	7235	6754	7294	6400
MAX	33460	18960	21660	28430	34910	30700	27670	18080	18730	16730	18650	19250
(WY)	1965	1993	1977	1993	1960	1975	1964	1984	1973	1941	1949	1945
MIN	1962	2461	1945	2967	4290	4074	3938	3285	2225	2002	2094	2203
(WY)	1955	1955	1956	1956	1941	1955	1967	1988	1988	1986	1988	1955

SANTEE RIVER BASIN

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1940 - 1998	
ANNUAL TOTAL	3090030		4469760		9274	
ANNUAL MEAN	8466		12250		15130	
HIGHEST ANNUAL MEAN					4178	
LOWEST ANNUAL MEAN					150000	
HIGHEST DAILY MEAN	47100	Feb 16	90600	Feb 5	662	Oct 11 1976
LOWEST DAILY MEAN	2080	Sep 19	1360	Sep 16	964	Oct 18 1954
ANNUAL SEVEN-DAY MINIMUM	2980	Sep 17	2500	Aug 3	155000	Oct 15 1954
INSTANTANEOUS PEAK FLOW			95200	Feb 5	29.74	Oct 11 1976
INSTANTANEOUS PEAK STAGE			23.55	Feb 5	588	Oct 11 1976
INSTANTANEOUS LOW FLOW			849	Sep 16	1.18	Jan 19 1942
ANNUAL RUNOFF (CFSM)	1.08		1.56		16.05	
ANNUAL RUNOFF (INCHES)	14.64		21.18			
10 PERCENT EXCEEDS	13700		26600			
50 PERCENT EXCEEDS	6830		7720			
90 PERCENT EXCEEDS	3520		3320			

e Estimated



Santee River Basin

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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 mi².

PERIOD OF RECORD.--Water years 1964-66 (annual maximum), October 1966 to current year.

GAGE.--Water-stage recorder. 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 except for estimated daily discharges, which are fair. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1967 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	112	206	83	164	129	9.4	104	33	16	22	21
2	50	222	140	72	139	121	111	99	33	15	20	11
3	38	138	102	36	223	109	224	97	32	14	18	592
4	20	96	81	63	475	86	346	96	36	14	16	907
5	18	70	68	62	862	62	294	87	65	15	14	386
6	20	57	59	217	494	51	229	75	70	14	14	268
7	23	50	54	277	337	53	166	81	61	13	14	143
8	23	47	51	342	261	216	127	145	51	12	28	93
9	22	44	83	268	202	564	254	134	43	11	109	64
10	21	43	80	184	165	420	183	129	53	11	128	50
11	22	42	78	128	143	301	102	101	56	10	75	44
12	21	46	115	99	130	220	118	82	46	9.6	58	36
13	20	217	102	87	118	157	88	69	42	9.3	62	34
14	20	210	87	78	103	122	94	61	39	8.9	144	33
15	34	148	72	139	88	101	93	57	36	9.5	787	30
16	63	105	60	301	89	89	89	48	31	15	466	30
17	53	78	55	273	185	83	111	44	28	17	242	29
18	126	65	51	184	173	143	517	42	25	18	147	28
19	337	56	48	231	173	324	408	42	28	23	98	30
20	187	52	47	176	157	368	290	41	32	101	63	29
21	114	83	48	150	131	294	183	48	27	59	45	60
22	94	120	184	147	124	216	159	68	25	41	34	62
23	71	96	158	426	157	154	164	46	23	34	30	46
24	57	80	379	313	142	118	145	9.9	21	29	27	37
25	50	65	438	223	132	103	120	11	19	26	26	32
26	162	56	232	253	120	97	99	16	19	25	24	30
27	231	52	254	522	124	101	87	22	20	24	20	25
28	132	48	194	556	143	98	79	37	19	27	18	e26
29	91	54	148	359	---	93	71	47	18	27	22	e30
30	67	281	120	280	---	89	84	40	17	26	26	37
31	56	---	98	210	---	41	---	35	---	24	25	---
TOTAL	2309	2833	3892	6739	5754	5123	5044.4	2013.9	1048	698.3	2822	3243
MEAN	74.5	94.4	126	217	206	165	168	65.0	34.9	22.5	91.0	108
MAX	337	281	438	556	862	564	517	145	70	101	787	907
MIN	18	42	47	36	88	41	9.4	9.9	17	8.9	14	11
CFSM	1.25	1.58	2.11	3.65	3.45	2.77	2.82	1.09	.59	.38	1.53	1.81
IN.	1.44	1.77	2.43	4.21	3.59	3.20	3.15	1.26	.65	.44	1.76	2.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1998, BY WATER YEAR (WY)

	MEAN	54.6	63.1	80.8	121	113	114	81.6	56.6	61.5	66.3	68.5	53.2
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	

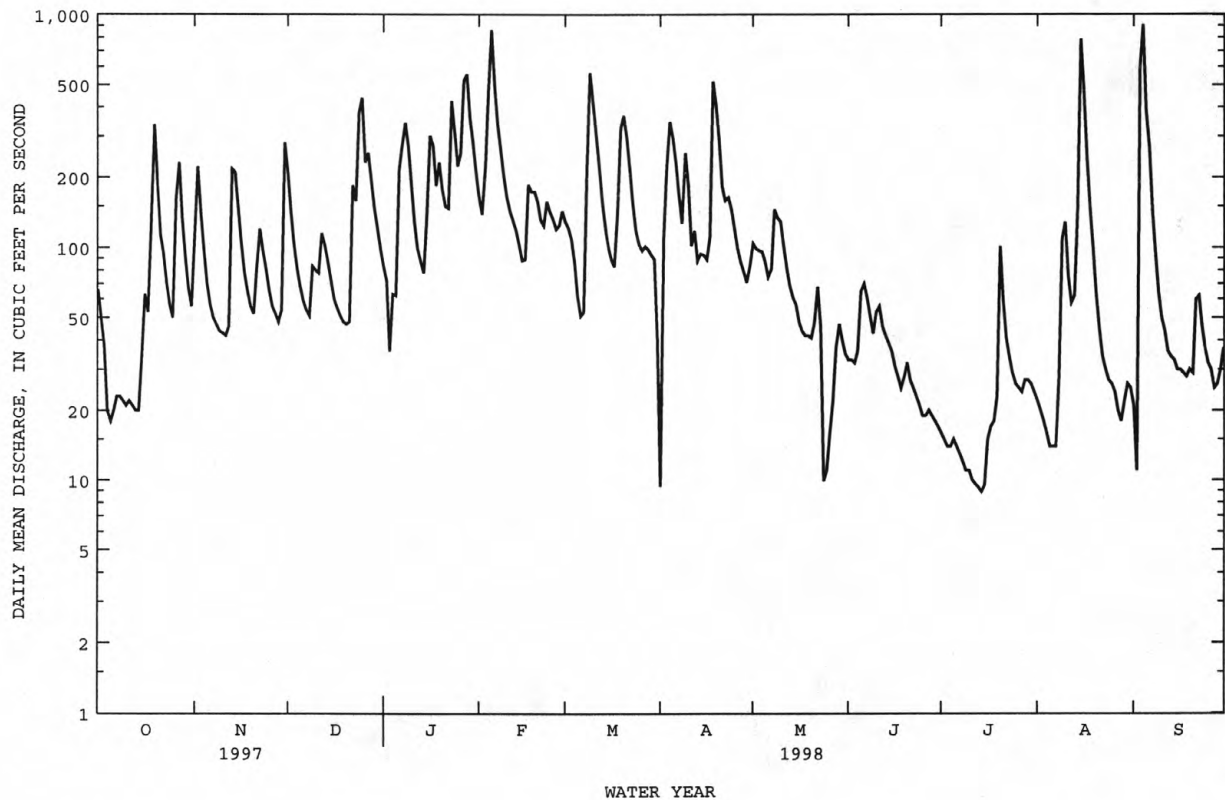
SANTEE RIVER BASIN

02169570 GILLS CREEK AT COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1967 - 1998	
ANNUAL TOTAL	31292		41519.6		77.8	
ANNUAL MEAN	85.7		114		130	
HIGHEST ANNUAL MEAN					44.7	
LOWEST ANNUAL MEAN					1730	
HIGHEST DAILY MEAN	1530	Jul 24	907	Sep 4	1730	Aug 20 1986
LOWEST DAILY MEAN	11	* Mar 12	8.9	Jul 14	1.6	Aug 1 1983
ANNUAL SEVEN-DAY MINIMUM	12	Sep 5	9.9	Jul 9	1.9	Jul 30 1983
INSTANTANEOUS PEAK FLOW			1670	Aug 15	2480	Jul 24 1997
INSTANTANEOUS PEAK STAGE			8.07	Aug 15	9.43	Jul 24 1997
ANNUAL RUNOFF (CFSM)	1.44		1.91		1.30	
ANNUAL RUNOFF (INCHES)	19.53		25.91		17.73	
10 PERCENT EXCEEDS	180		264		157	
50 PERCENT EXCEEDS	56		72		50	
90 PERCENT EXCEEDS	17		20		17	

e Estimated

* Also occurred on Sept. 9, 23.



Santee River Basin

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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 mi², 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, 18.21 ft, Feb. 6; minimum gage height, 2.35 ft, Aug. 7, 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.38	7.79	7.14	11.31	17.06	14.05	9.61	12.12	11.78	4.66	4.16	5.35
2	5.89	7.69	7.28	11.33	16.31	13.32	10.45	14.18	8.15	3.58	4.14	3.77
3	4.47	8.23	7.72	11.93	15.24	12.28	10.05	14.54	8.04	3.01	4.41	3.66
4	3.40	10.31	7.20	9.10	16.37	12.34	13.95	15.26	7.57	3.98	3.71	13.74
5	3.47	8.73	5.50	8.04	17.57	10.77	14.81	15.07	7.93	3.58	2.97	16.05
6	3.40	6.54	6.30	9.87	18.12	10.72	14.97	13.90	8.48	3.51	2.81	13.52
7	3.35	7.22	7.85	12.81	18.01	10.46	14.47	11.74	8.10	4.19	2.45	10.11
8	3.76	6.22	8.06	14.91	17.58	---	14.35	13.42	9.44	4.64	2.51	8.03
9	3.90	7.34	9.17	13.48	17.16	---	15.95	14.72	9.49	4.51	2.78	6.65
10	3.63	5.49	7.69	15.81	16.76	---	16.89	15.25	7.61	4.43	3.46	4.34
11	3.01	5.72	7.91	16.02	16.33	---	17.25	14.90	7.58	4.31	3.83	3.03
12	2.96	5.97	7.41	14.39	14.68	---	17.09	14.18	6.85	3.78	4.42	4.40
13	3.82	7.19	7.11	13.28	14.14	---	15.72	12.58	10.01	3.64	5.13	4.72
14	4.15	10.68	7.23	10.92	13.82	---	14.91	10.85	7.39	3.52	4.90	5.12
15	3.78	10.77	6.56	11.90	12.75	---	15.30	11.15	7.21	3.56	4.96	3.47
16	2.75	9.65	5.90	13.16	10.91	---	13.89	12.85	8.25	2.95	5.50	2.56
17	3.15	9.16	5.69	15.64	11.94	---	14.13	11.18	6.93	3.48	12.96	2.70
18	3.16	9.49	5.83	16.79	15.49	---	15.86	8.58	6.53	3.20	14.30	6.04
19	4.61	7.50	5.95	17.06	16.95	---	17.01	10.15	6.20	4.10	9.30	4.86
20	6.31	6.79	5.75	17.08	17.04	---	17.31	10.08	6.25	5.25	9.31	3.59
21	5.89	6.03	5.53	16.54	16.17	---	17.18	9.32	6.80	7.56	5.92	5.42
22	4.72	6.24	5.91	15.58	14.79	---	16.84	9.80	6.46	5.66	4.39	4.96
23	4.05	5.93	7.79	15.59	14.91	---	16.15	8.61	6.93	4.86	4.19	6.19
24	3.42	7.39	8.89	16.17	15.07	---	15.79	9.43	7.07	3.97	4.00	4.57
25	2.50	10.41	13.99	16.56	15.03	12.05	15.84	7.41	6.73	3.05	6.47	5.89
26	2.94	8.19	16.34	16.45	13.16	12.35	15.11	7.65	6.03	2.83	5.78	4.24
27	9.25	8.66	16.48	15.84	13.76	11.64	13.79	7.43	5.69	3.36	4.08	5.20
28	12.48	7.53	15.63	16.99	14.64	9.63	13.81	6.71	5.53	4.45	5.99	6.12
29	12.49	6.82	14.41	17.50	---	10.30	12.02	7.11	4.51	4.84	4.99	8.31
30	11.57	6.40	13.90	17.64	---	9.79	11.22	7.57	4.67	5.53	7.72	6.40
31	8.68	---	12.41	17.39	---	11.34	---	8.58	---	4.41	6.79	---
MAX	12.49	10.77	16.48	17.64	18.12	---	17.31	15.26	11.78	7.56	14.30	16.05
MIN	2.50	5.49	5.50	8.04	10.91	---	9.61	6.71	4.51	2.83	2.45	2.56

SANTEE RIVER BASIN

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 mi² 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 93.33 ft 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 ft³/s at station 02169625), varying degrees of backwater affect flow at this site.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, undetermined; minimum gage-height, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.25 ft, Feb. 7; minimum gage height, 1.21 ft, July 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.96	2.04	2.59	4.10	8.00	5.05	2.49	3.18	1.61	1.44	1.36	1.30
2	1.75	2.10	2.83	3.41	7.15	4.83	2.34	3.66	1.61	1.38	1.33	1.30
3	1.63	2.18	2.71	3.21	6.54	4.32	2.43	4.29	1.55	1.32	1.30	1.72
4	1.55	2.20	2.44	2.76	6.33	3.85	3.67	5.07	1.53	1.24	1.27	3.29
5	1.51	2.11	2.27	2.38	8.30	3.36	4.80	5.58	1.62	1.25	1.25	5.18
6	1.47	1.99	2.18	2.82	10.88	2.88	5.39	5.36	1.65	1.25	1.23	5.81
7	1.45	1.91	2.10	3.92	10.96	2.69	5.45	4.47	1.71	1.24	1.23	4.73
8	1.44	1.87	2.04	5.31	9.69	3.19	5.08	4.10	1.68	1.24	1.26	3.47
9	1.42	1.84	2.08	5.82	8.43	5.55	5.65	4.44	1.59	1.25	1.36	2.41
10	1.39	1.82	2.18	5.72	7.32	8.59	6.60	5.08	1.54	1.26	1.40	1.78
11	1.36	1.79	2.35	6.43	6.97	10.16	7.69	5.73	1.57	1.27	1.44	1.61
12	1.38	1.78	2.45	6.18	6.27	9.89	8.09	5.33	1.56	1.30	1.42	1.55
13	1.45	2.10	2.47	5.37	5.46	8.71	6.91	4.69	1.54	1.33	1.39	1.51
14	1.47	2.51	2.47	4.53	4.99	7.73	5.92	3.69	1.55	1.36	1.44	1.49
15	1.65	3.00	2.37	3.90	4.58	6.93	5.79	2.70	1.56	1.35	1.85	1.47
16	2.05	2.96	2.24	4.33	3.96	6.56	5.47	2.86	1.53	1.35	2.17	1.39
17	2.31	2.57	2.15	5.13	4.16	6.01	4.87	2.59	1.51	1.47	2.41	1.35
18	2.29	2.26	2.09	6.44	4.97	5.17	5.10	2.16	1.49	1.59	3.24	1.40
19	2.53	2.10	2.07	7.35	6.46	5.16	6.62	2.06	1.48	1.50	2.97	1.43
20	2.90	2.02	2.04	7.54	7.37	5.43	8.05	1.94	1.80	1.49	1.85	1.45
21	2.89	1.99	2.00	7.38	6.93	5.63	8.12	1.78	1.87	1.46	1.55	1.45
22	2.58	2.19	2.19	6.64	6.09	6.29	7.49	1.71	1.69	1.40	1.46	1.45
23	2.33	2.49	2.68	6.25	5.57	5.71	6.74	1.66	1.56	1.36	1.42	1.43
24	2.18	2.58	3.30	6.43	5.55	4.84	6.20	1.64	1.49	1.33	1.40	1.40
25	2.10	2.42	4.24	6.71	5.68	4.28	6.16	1.61	1.44	1.38	1.37	1.39
26	2.07	2.23	5.39	6.84	5.38	3.80	5.99	1.58	1.40	1.70	1.35	1.37
27	2.25	2.11	6.75	6.72	4.72	3.48	5.35	1.55	1.37	1.59	1.35	1.37
28	2.51	2.04	6.64	6.94	4.77	2.98	4.68	1.53	1.36	1.59	1.34	1.39
29	2.94	2.00	6.07	8.45	---	2.64	4.12	1.53	1.40	1.51	1.32	1.41
30	2.80	2.26	5.45	9.46	---	2.50	3.32	1.56	1.44	1.44	1.31	1.44
31	2.26	---	4.86	8.91	---	2.48	---	1.59	---	1.38	1.30	---
MAX	2.94	3.00	6.75	9.46	10.96	10.16	8.12	5.73	1.87	1.70	3.24	5.81
MIN	1.36	1.78	2.00	2.38	3.96	2.48	2.34	1.53	1.36	1.24	1.23	1.30

Santee River Basin

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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 mi², approximately.

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

GAGE.--Data collection platform. Datum of gage is sea level (South Carolina Public Service Authority benchmark). 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, 73.71 ft, Dec. 31, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 85.57 ft, Feb. 8; minimum, 75.10 ft, July 17.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.85	79.33	77.84	80.98	83.47	81.15	80.01	80.58	78.18	75.97	76.97	76.83
2	76.45	79.00	77.80	80.70	82.97	81.11	79.90	80.56	78.36	76.08	76.61	75.84
3	76.53	78.70	78.34	80.54	82.42	80.94	79.94	80.70	77.75	75.49	76.45	75.74
4	76.06	78.80	78.45	80.19	82.05	80.76	80.15	80.87	77.49	75.31	76.17	77.69
5	75.96	78.89	77.95	79.43	81.84	80.62	80.48	80.99	77.70	75.43	76.07	80.00
6	75.88	78.58	77.35	79.22	82.75	80.38	80.74	81.07	78.28	75.17	75.65	80.58
7	75.72	78.25	77.92	79.79	84.75	80.17	80.95	80.99	78.59	75.33	75.90	80.80
8	75.87	78.45	78.19	80.41	85.48	80.20	81.00	80.84	78.65	75.65	75.81	80.41
9	76.05	78.22	78.65	80.76	84.85	80.54	81.12	80.78	78.60	75.51	75.79	79.80
10	75.88	77.95	78.42	80.99	83.74	81.04	81.19	80.88	78.24	75.45	76.16	78.96
11	75.67	77.29	78.15	81.18	82.78	82.51	81.52	81.01	77.74	75.62	76.42	78.00
12	75.63	77.34	78.13	81.44	82.24	83.91	82.06	81.08	77.51	75.60	76.44	77.37
13	75.72	77.55	78.04	81.47	81.78	84.18	82.36	81.03	78.56	75.33	76.93	77.19
14	75.87	78.77	78.01	81.21	81.39	83.63	82.02	80.76	78.72	75.27	77.29	76.79
15	75.98	79.55	77.69	80.86	81.18	82.87	81.51	80.40	78.16	75.17	77.19	76.58
16	75.73	79.66	77.26	80.77	80.98	82.26	81.31	80.40	77.95	75.18	77.33	76.12
17	75.64	79.62	77.20	80.83	80.86	81.90	81.15	80.35	77.90	75.18	77.97	75.69
18	75.72	79.61	77.10	81.03	80.90	81.54	81.04	80.01	77.80	75.29	79.16	76.04
19	75.95	79.32	76.89	81.44	81.10	81.28	81.10	79.53	77.81	75.26	79.51	76.61
20	76.51	78.89	76.83	81.92	81.54	81.15	81.47	79.67	77.59	75.46	79.43	75.78
21	77.18	78.55	76.53	82.17	82.11	81.14	82.20	79.48	77.36	76.11	79.06	75.76
22	77.22	78.18	76.32	82.18	82.14	81.28	82.48	79.47	77.11	76.44	78.19	76.18
23	76.77	77.85	76.94	82.02	81.78	81.53	82.35	79.15	77.18	76.58	77.53	76.41
24	76.44	77.97	78.49	81.76	81.45	81.37	81.99	78.86	77.58	76.05	77.17	76.63
25	76.05	78.89	79.61	81.71	81.33	81.10	81.66	78.34	77.35	75.49	77.52	76.40
26	75.89	79.15	80.39	81.84	81.31	80.88	81.53	77.91	77.51	75.48	77.65	76.13
27	76.98	78.96	80.92	82.04	81.22	80.72	81.42	77.62	77.44	75.37	77.11	75.76
28	79.25	78.76	81.46	82.09	81.14	80.45	81.23	77.35	77.25	75.70	77.07	75.91
29	80.00	77.98	81.66	82.10	---	80.16	81.01	77.26	76.41	76.68	76.79	76.63
30	80.16	77.64	81.50	82.73	---	80.01	80.77	77.33	75.71	77.32	76.99	76.55
31	79.93	---	81.26	83.52	---	79.95	---	77.42	---	77.44	77.01	---
MAX	80.16	79.66	81.66	83.52	85.48	84.18	82.48	81.08	78.72	77.44	79.51	80.80
MIN	75.63	77.29	76.32	79.22	80.86	79.95	79.90	77.26	75.71	75.17	75.65	75.69

LOCATION.--Lat 33°33'07'', long 80°30'16'', Orangeburg County, Hydrologic Unit 03050111, at Santee State Park, approximately 5.0 mi east of Elloree, SC.

PERIOD OF RECORD.--July 1998 to September 1998.

GAGE.--Data collection platform. Datum of gage is sea level (South Carolina Public Service Authority benchmark).

REMARKS.--See station 02171000 (Lake Marion near Pineville, SC) for tables of contents and change in contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 75.83 ft, Aug. 20, 1998; minimum gage height, 73.94 ft, Sept. 30, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 75.83 ft, Aug. 20; minimum gage height, 73.94 ft, Sept. 30.

[illegible]

SANTEE RIVER BASIN

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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 mi², 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 ft³ between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 17,070,000,000 ft³. 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, 76.69 ft, Feb. 2; minimum elevation, 73.71 ft, Dec. 22.

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	74.90	75.84	74.51	75.73	76.68	76.23	76.05	76.29	74.39	74.19	74.63	74.57
2	74.94	75.89	74.48	75.81	76.30	76.32	75.95	76.17	74.36	74.23	74.68	74.44
3	75.00	75.82	74.42	75.82	76.15	76.13	75.94	76.18	74.31	74.18	74.71	75.03
4	75.02	75.72	74.45	75.78	75.99	76.05	75.90	76.15	74.26	74.25	74.74	74.57
5	75.04	75.59	74.37	75.68	75.31	76.01	75.85	76.17	74.31	74.26	74.77	74.67
6	75.03	75.53	74.30	75.53	74.84	75.96	75.86	76.23	74.43	74.15	74.78	74.84
7	74.97	75.47	74.25	75.41	75.06	75.95	75.89	76.37	74.52	74.14	74.81	75.05
8	74.93	75.43	74.25	75.46	75.64	76.04	76.01	76.41	74.66	74.12	74.82	75.27
9	74.94	75.37	74.31	75.51	76.18	76.19	76.30	76.18	74.78	74.12	74.84	75.37
10	74.95	75.24	74.41	75.56	76.46	75.33	76.10	76.15	74.99	74.11	74.96	75.44
11	74.95	75.07	74.39	75.62	76.51	74.83	76.16	76.07	74.99	74.21	74.95	75.42
12	74.95	75.00	74.37	75.78	76.51	74.97	76.41	76.08	74.98	74.21	75.02	75.33
13	74.94	75.07	74.29	76.02	76.57	75.56	76.49	76.15	74.96	74.15	75.09	75.25
14	74.95	75.12	74.25	76.13	76.54	75.94	76.51	76.18	75.06	74.13	75.15	75.15
15	74.86	75.20	74.15	76.26	76.47	75.99	76.43	76.11	75.05	74.18	75.24	75.06
16	74.84	75.19	74.06	76.30	76.53	75.95	76.39	76.03	75.01	74.24	75.36	74.95
17	74.83	75.16	73.99	76.33	76.43	75.89	76.33	75.95	74.97	74.28	75.40	74.80
18	74.89	75.11	73.90	76.24	76.26	75.91	76.09	75.85	74.97	74.31	75.54	74.69
19	74.93	75.06	73.83	76.36	76.08	76.12	75.99	75.71	75.10	74.34	75.58	74.64
20	74.94	74.99	73.77	76.34	76.08	76.29	76.01	75.56	75.10	74.30	75.71	74.53
21	75.02	74.93	73.74	76.51	76.17	76.18	76.24	75.42	75.12	74.30	75.73	74.56
22	75.08	74.85	73.84	76.43	76.04	76.10	76.38	75.25	75.03	74.31	75.67	74.49
23	75.07	74.75	73.77	76.31	76.57	76.23	76.40	75.23	74.90	74.32	75.60	74.31
24	75.13	74.61	73.99	76.58	76.32	76.47	76.37	75.20	74.82	74.34	75.39	74.31
25	75.07	74.55	74.09	76.64	76.19	76.51	76.37	75.13	74.68	74.30	75.15	74.23
26	75.23	74.54	74.22	76.51	76.11	76.50	76.42	75.00	74.58	74.29	74.96	74.14
27	75.28	74.51	74.52	76.56	76.18	76.44	76.50	74.89	74.48	74.41	74.64	74.08
28	75.31	74.49	74.77	76.33	76.23	76.35	76.52	74.77	74.37	74.41	74.57	74.00
29	75.45	74.47	75.25	76.23	---	76.27	76.44	74.68	74.30	74.46	74.50	73.94
30	75.62	74.58	75.47	76.20	---	76.18	76.38	74.57	74.27	74.51	74.50	73.96
31	75.75	---	75.64	76.44	---	76.05	---	74.49	---	74.60	74.62	---
MAX	75.75	75.89	75.64	76.64	76.68	76.51	76.52	76.41	75.12	74.60	75.73	75.44
MIN	74.83	74.47	73.74	75.41	74.84	74.83	75.85	74.49	74.26	74.11	74.50	73.94
(+)	41.06	36.84	40.64	43.65	42.86	42.18	43.42	36.54	35.80	36.90	36.97	34.76
(*)	+1191	-1628	+1419	+1124	-397	-254	+478	-2569	-285	+411	+26.1	-853

CAL YR 1997 * +301 MAX 76.56 MIN 71.73
WTR YR 1998 * -98.6 MAX 76.68 MIN 73.74

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

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 (sta 02171001).

REMARKS.--Records poor. Discharge records for 1987 - 98 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	719	736	684	684	33700	10900	562	8160	708	691	689	668
2	719	1150	672	654	54900	11400	573	5400	661	685	686	663
3	720	771	670	652	54700	9240	566	5070	631	687	688	701
4	720	800	673	650	48200	5200	1450	5080	628	686	683	1450
5	717	719	736	648	54600	4890	617	2210	644	684	690	630
6	715	722	692	646	52800	2910	575	548	622	684	687	595
7	707	707	670	643	52400	884	583	e660	692	741	687	619
8	775	718	670	642	53200	952	590	e2570	616	750	689	679
9	712	710	673	691	50200	e4150	e660	e10700	621	716	689	902
10	711	692	677	639	44300	e35500	e660	e10700	629	736	693	763
11	709	688	670	640	34900	49600	e660	e7900	640	741	693	607
12	715	694	670	656	22000	42800	e660	e2730	641	749	700	607
13	712	706	665	647	12200	31300	e12600	e660	690	730	711	606
14	715	752	666	678	10900	33100	e26900	e660	653	720	733	605
15	711	856	671	704	8450	33800	e16700	e660	673	713	742	575
16	712	779	669	e660	9010	25800	e10700	e660	643	728	750	564
17	712	688	666	e660	12800	22500	e10700	e660	641	699	732	564
18	712	682	690	e660	13700	18300	e20400	e660	637	702	e600	567
19	723	683	668	e5870	13100	11500	e15700	e660	807	708	e600	570
20	713	681	668	18800	12700	11400	e9200	e600	759	741	e600	572
21	713	672	670	10900	13600	13100	5770	e600	718	706	618	570
22	714	675	677	22000	13600	12100	14800	e600	715	704	618	573
23	708	672	677	e39400	17300	9590	18700	e600	713	701	617	574
24	713	668	692	e10700	20300	2130	17500	e600	731	e600	614	572
25	712	667	687	e10600	15700	5520	13500	e600	706	e600	610	580
26	717	678	670	e23100	13300	5420	10000	e600	705	e600	989	577
27	874	677	697	35400	14600	5100	5240	634	697	e600	757	898
28	782	676	673	37200	17300	4440	6410	651	696	665	654	776
29	710	675	730	32700	---	1150	9600	708	720	677	611	577
30	708	679	1490	32200	---	1050	9940	706	691	682	657	579
31	707	---	980	32300	---	797	---	713	---	692	680	---
TOTAL	22407	21673	22163	323024	774460	426523	242516	73960	20328	21518	21167	19783
MEAN	723	722	715	10420	27660	13760	8084	2386	678	694	683	659
MAX	874	1150	1490	39400	54900	49600	26900	10700	807	750	989	1450
MIN	707	667	665	639	8450	797	562	548	616	600	600	564

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1998, BY WATER YEAR (WY)

	MEAN	2032	850	1509	2730	4290	5742	4462	1337	999	712	840	1318
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	

SANTEE RIVER BASIN

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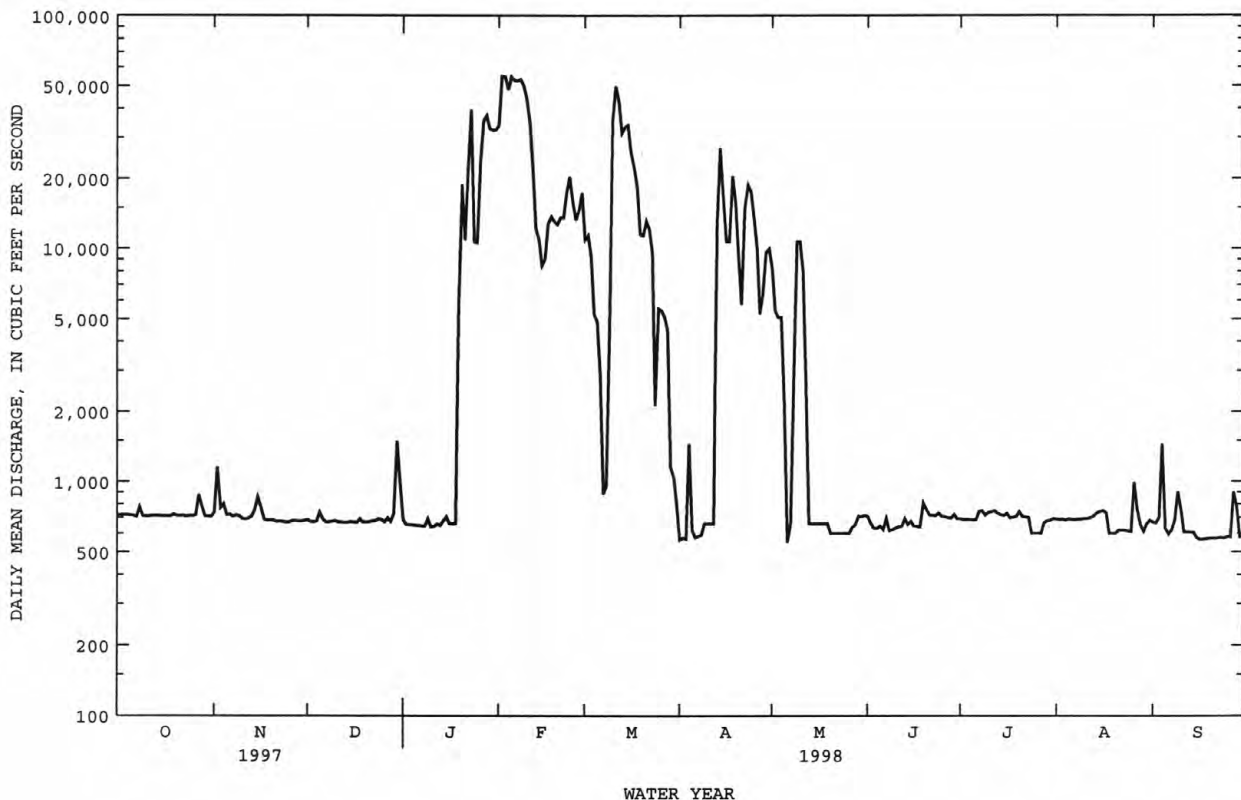
02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1942 - 1998	
ANNUAL TOTAL	283428		1989522			
ANNUAL MEAN	777		5451		2223	
HIGHEST ANNUAL MEAN					7682	
LOWEST ANNUAL MEAN					491	
HIGHEST DAILY MEAN	9450	Mar 6	54900	Feb 2	153000	Sep 22 1945
LOWEST DAILY MEAN	586	Jul 25	548	May 6	* 9	Feb 23 1947
ANNUAL SEVEN-DAY MINIMUM	601	Apr 26	569	Sep 16	25	Feb 17 1947
INSTANTANEOUS PEAK FLOW					** 155000	Sep 23 1945
INSTANTANEOUS PEAK STAGE			27.67	Feb 3	31.10	Sep 23 1945
10 PERCENT EXCEEDS	720		17300		2190	
50 PERCENT EXCEEDS	645		706		544	
90 PERCENT EXCEEDS	607		603		483	

e Estimated

* Caused by repair work at spillway at Lake Marion.

** From rating curve extended above 13,000 ft³/s on basis of computation of peak flow over spillway at Lake Marion.



SANTEE RIVER BASIN

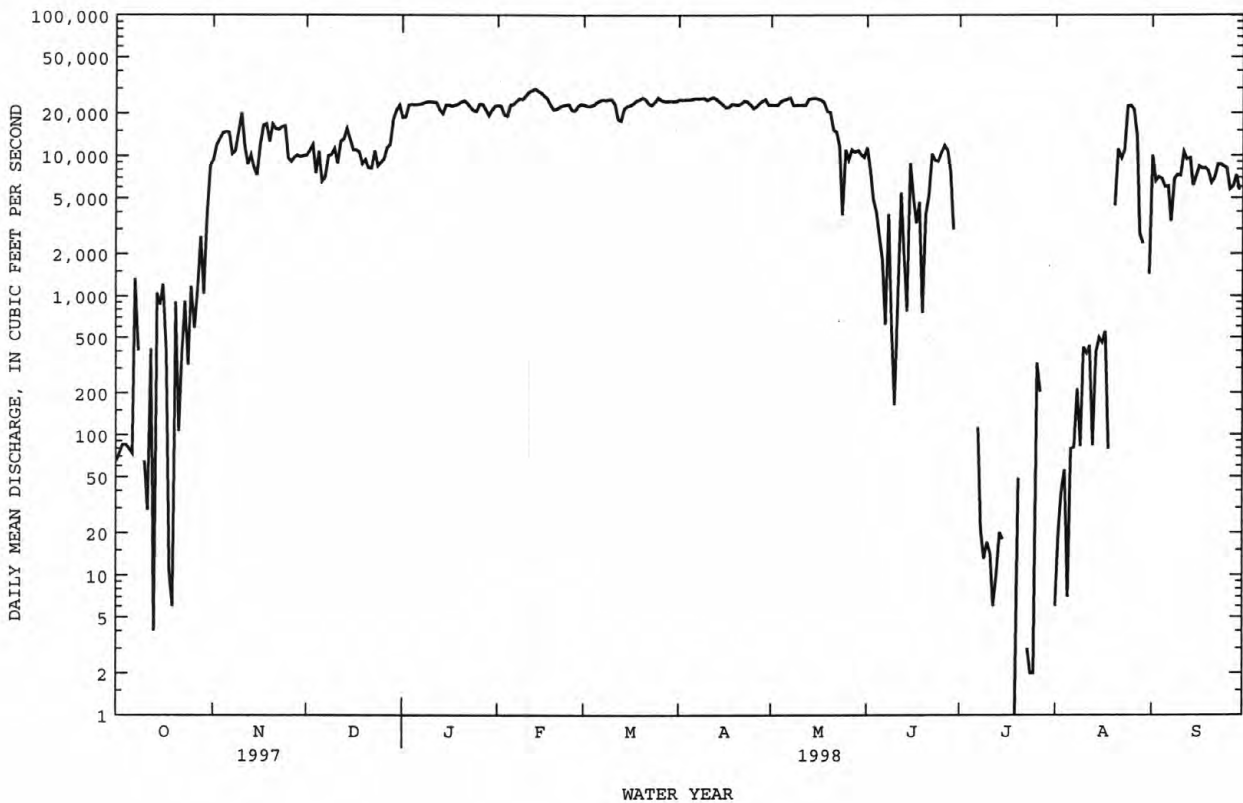
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02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1987 - 1998	
ANNUAL TOTAL	3487971		4662647		10360	
ANNUAL MEAN	9556		12770		14610	
HIGHEST ANNUAL MEAN					3088	
LOWEST ANNUAL MEAN					31200	
HIGHEST DAILY MEAN	22800	Dec 31	29900	Feb 13	31200	Nov 17 1989
LOWEST DAILY MEAN	-12	Sep 26	-11	Oct 9	-155	Jun 25 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 3	7.0	Jul 13	.00	* Oct 1 1986
10 PERCENT EXCEEDS	21000		24900		23100	
50 PERCENT EXCEEDS	9370		10900		9070	
90 PERCENT EXCEEDS	16		21		27	

e Estimated

* Also occurred many days, many years.



SANTEE RIVER BASIN

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC

LOCATION.--Lat 33°24'05'', long 79°51'18'', Berkeley County, Hydrologic Unit 02150112, on right bank, on Tract 13P of Francis Marion National Forest, 3.9 mi east of St. Stephens, and at mile 52.0.

PERIOD OF RECORD.--Water years 1974 to 1998 (discontinued).

REMARKS.--At times of high water, samples are collected at U. S. Highway 17A bridge, approximately 10 miles downstream from gage.

DATE	TIME	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
OCT									
22...	0940	760	19.0	40	7.3	79	1.0	6.3	108
NOV									
25...	1140	772	13.0	30	9.1	85	.3	6.1	104
DEC									
17...	1215	760	8.5	20	9.9	85	.6	6.2	108
JAN									
28...	1115	752	10.5	100	6.6	60	1.2	5.4	95
FEB									
25...	1053	760	11.5	120	8.7	80	6.6	5.9	70
MAR									
26...	1041	774	13.0	60	9.0	84	2.2	6.0	74
APR									
30...	0840	765	19.5	60	6.8	74	2.5	5.6	79

DATE	TUR- BID- ITY (NTU) (00076)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT									
22...	5.7	6	180	540	6	97	28	50	3.6
NOV									
25...	3.0	5	50	180	4	82	5.6	17	3.7
DEC									
17...	3.5	2	120	280	3	86	6.6	15	4.0
JAN									
28...	13	5	390	520	8	83	11	14	6.2
FEB									
25...	19	7	160	620	6	77	7.1	18	--
MAR									
26...	16	5	150	590	8	79	9.5	20	3.9
APR									
30...	11	7	190	560	9	88	15	27	4.5

DATE	TIME	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
MAY									
28...	0949	760	28.0	30	6.2	80	2.7	6.3	70
JUN									
25...	1052	760	31.0	20	6.5	88	2.7	6.3	70
JUL									
30...	0952	760	30.5	140	6.3	84	2.7	6.5	90
SEP									
03...	0953	758	28.5	20	6.0	78	3.5	6.3	88
24...	0938	765	26.5	10	9.6	119	1.5	6.3	83

SANTEE RIVER BASIN

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02171650 SANTEE RIVER BELOW ST. STEPHENS, SC--Continued

DATE	TUR- BID- ITY (NTU) (00076)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAY 28...	4.5	10	170	560	12	87	18	45	4.1
JUN 25...	3.7	8	84	320	10	81	4.7	31	4.2
JUL 30...	2.0	5	210	360	8	74	34	65	5.1
SEP 03...	5.5	11	77	250	12	80	12	46	3.9
24...	3.3	7	64	260	7	94	3.3	39	1.7

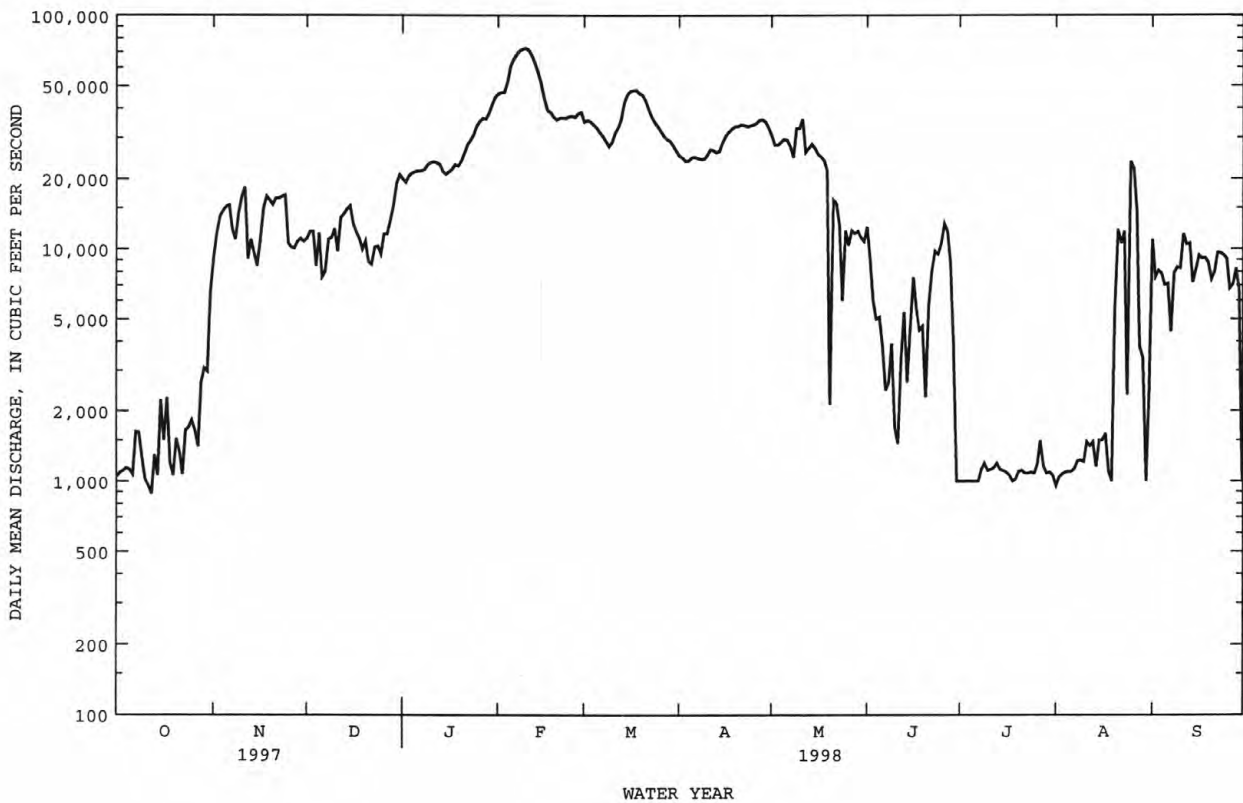
SANTEE RIVER BASIN

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02171700 SANTEE RIVER NEAR JAMESTOWN, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1987 - 1998	
ANNUAL TOTAL	3892008		6280507		12130	
ANNUAL MEAN	10660		17210		17880	
HIGHEST ANNUAL MEAN					4081	
LOWEST ANNUAL MEAN					89500	
HIGHEST DAILY MEAN	25200	Mar 11	72500	Feb 10	89500	Mar 9 1987
LOWEST DAILY MEAN	881	Oct 12	881	Oct 12	460	Nov 13 1986
ANNUAL SEVEN-DAY MINIMUM	1000	Sep 3	1000	Jun 30	515	Sep 22 1989
INSTANTANEOUS PEAK STAGE			21.67	Feb 10	32.00	Apr 15 1936
10 PERCENT EXCEEDS	22200		36800		25500	
50 PERCENT EXCEEDS	10400		11700		9300	
90 PERCENT EXCEEDS	1070		1100		971	

e Estimated



SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79°23'05'', Georgetown County, Hydrologic Unit 03050112, about 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 redirection 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, 10.95 ft, Feb. 10; minimum gage height, 1.25 ft, July 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.45	2.10	4.43	6.89	3.13	5.07	6.79	3.03	4.81	6.97	3.28	4.94
2	6.55	2.70	4.74	6.68	3.01	4.72	7.31	3.29	5.21	6.63	3.67	5.01
3	6.66	2.86	4.77	6.87	2.92	4.74	7.18	3.22	5.20	6.66	3.86	5.10
4	6.41	2.60	4.50	6.63	2.92	4.64	6.88	3.18	4.82	6.63	4.07	5.25
5	6.19	2.36	4.18	6.95	3.22	4.98	6.30	2.50	4.24	6.64	4.47	5.54
6	6.02	2.18	4.04	7.26	3.82	5.55	6.57	2.71	4.39	6.88	4.85	5.85
7	6.09	2.12	4.09	6.98	3.96	5.48	6.39	2.58	4.45	7.10	5.14	6.21
8	6.33	2.43	4.34	7.25	3.88	5.58	6.35	2.81	4.60	7.45	5.31	6.50
9	6.44	2.60	4.48	7.19	3.96	5.75	6.85	2.89	4.93	7.36	5.53	6.32
10	6.38	2.45	4.36	7.45	3.99	5.93	7.10	2.89	5.08	7.27	5.39	6.38
11	6.48	2.33	4.45	7.25	4.03	5.79	7.22	2.78	5.22	7.50	5.57	6.56
12	7.04	2.60	5.02	7.36	3.81	5.65	7.46	3.21	5.49	7.59	5.65	6.63
13	7.01	2.84	5.14	7.72	3.67	6.00	7.69	3.45	5.77	7.67	5.77	6.63
14	6.95	2.59	4.98	7.67	3.86	5.62	7.71	3.67	5.98	7.77	5.60	6.72
15	7.06	2.55	5.10	7.07	2.82	4.93	7.94	4.49	6.30	7.70	5.97	6.81
16	7.38	2.90	5.34	6.96	2.67	4.80	7.62	4.41	6.00	7.40	5.35	6.35
17	7.45	3.00	5.41	7.24	2.99	5.06	7.30	3.95	5.51	6.96	5.11	5.91
18	7.39	2.90	5.41	7.07	3.22	5.04	6.94	3.43	5.06	6.95	5.16	6.03
19	7.45	3.58	5.64	6.85	3.30	4.99	6.61	3.30	4.76	7.17	5.90	6.57
20	7.28	3.19	5.36	6.67	3.51	4.95	5.87	2.86	4.27	7.30	5.86	6.62
21	7.22	3.46	5.47	6.69	3.81	5.13	6.00	2.92	4.44	7.12	5.99	6.58
22	6.84	3.15	5.11	6.16	3.46	4.85	6.51	3.10	5.01	7.44	6.23	6.80
23	6.72	3.36	5.14	6.02	3.52	4.84	5.97	2.69	4.31	7.87	6.33	7.17
24	6.62	3.39	5.08	6.34	3.59	4.95	6.46	2.94	5.00	7.89	6.59	7.28
25	6.41	2.75	4.74	6.43	3.66	5.23	6.78	3.23	4.91	7.84	6.68	7.32
26	6.61	3.26	5.08	6.68	3.85	5.26	6.73	3.07	4.99	8.27	6.94	7.72
27	6.60	2.52	4.60	6.33	3.41	4.85	7.24	3.34	5.36	9.06	7.42	8.35
28	6.59	1.91	4.58	6.78	3.35	4.98	7.21	3.19	5.37	8.41	7.66	8.06
29	6.89	3.08	5.11	6.73	3.07	4.86	7.94	3.83	6.06	8.88	7.70	8.32
30	6.70	2.87	4.92	7.33	3.37	5.24	6.31	3.06	4.66	9.08	8.03	8.57
31	7.00	2.99	5.08	---	---	---	6.56	2.93	4.51	9.32	8.35	8.83
MONTH	7.45	1.91	4.86	7.72	2.67	5.18	7.94	2.50	5.06	9.32	3.28	6.68

SANTÉE RIVER BASIN

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02171800 NORTH SANTÉE RIVER NEAR NORTH SANTÉE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.29	8.63	8.97	---	---	---	---	---	---	---	---	---
2	9.39	8.88	9.15	---	---	---	---	---	---	---	---	---
3	9.86	9.18	9.52	---	---	---	---	---	---	---	---	---
4	10.09	9.71	9.91	---	---	---	---	---	---	---	---	---
5	9.99	9.73	9.89	---	---	---	---	---	---	---	---	---
6	10.42	9.91	10.26	---	---	---	---	---	---	---	---	---
7	10.68	10.35	10.59	---	---	---	---	---	---	---	---	---
8	10.83	10.59	10.75	---	---	---	---	---	---	---	---	---
9	10.93	10.73	10.85	---	---	---	---	---	---	---	---	---
10	10.95	10.80	10.88	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	5.68	1.71	3.79	---	---	---	6.77	2.79	4.83
2	---	---	---	5.82	2.15	4.03	---	---	---	6.91	2.89	4.94
3	---	---	---	6.16	2.25	4.20	---	---	---	7.98	3.04	5.55
4	---	---	---	6.29	2.57	4.45	---	---	---	6.57	1.76	4.11
5	---	---	---	6.03	1.94	4.02	6.83	2.39	4.70	7.21	2.46	4.76
6	---	---	---	6.70	2.13	4.33	6.95	2.29	4.65	7.32	2.71	5.14
7	---	---	---	6.77	2.24	4.50	6.94	2.20	4.62	7.06	2.62	5.04
8	---	---	---	6.68	2.12	4.36	6.89	2.18	4.55	6.77	2.08	4.49
9	---	---	---	6.55	1.76	4.02	6.86	2.20	4.54	7.31	2.47	5.04
10	---	---	---	6.98	2.10	4.31	6.74	2.20	4.51	7.24	3.10	5.25
11	---	---	---	7.14	2.55	4.76	6.61	2.23	4.43	7.18	2.96	5.13
12	6.79	2.25	4.33	7.19	2.94	5.09	6.61	2.17	4.46	7.03	2.90	4.97
13	6.43	2.14	4.27	7.15	2.78	4.96	6.57	2.21	4.45	6.99	2.79	4.86
14	6.59	2.15	4.28	7.01	2.90	5.00	6.86	2.37	4.71	7.00	3.02	5.02
15	6.68	2.10	4.13	7.02	2.55	4.80	6.80	2.53	4.80	7.14	3.19	5.27
16	6.36	2.19	4.15	6.42	2.11	4.28	6.66	2.26	4.52	7.11	3.10	5.25
17	6.23	1.92	4.04	6.09	1.59	3.90	6.36	1.97	4.27	7.06	3.06	5.20
18	6.54	2.00	4.39	6.41	1.56	4.03	6.38	1.80	4.04	7.21	3.09	5.19
19	6.75	2.19	4.57	6.61	1.63	4.18	6.55	1.79	4.09	7.34	3.54	5.54
20	6.72	1.74	4.29	6.51	1.66	4.10	7.17	2.68	4.96	7.32	3.50	5.58
21	7.05	2.15	4.67	6.33	1.37	3.80	7.28	2.86	5.20	7.21	3.56	5.53
22	7.10	2.10	4.70	6.34	1.25	3.64	7.18	2.99	5.18	6.82	3.12	5.11
23	7.32	2.40	4.85	6.33	1.41	3.66	6.96	2.83	4.96	7.14	3.14	5.42
24	7.40	2.71	5.10	6.31	1.50	3.69	6.89	3.16	5.02	7.12	3.93	5.62
25	7.52	3.11	5.32	6.28	1.73	3.84	7.12	3.31	5.18	6.98	3.49	5.20
26	7.25	3.09	5.30	6.42	1.73	3.81	7.07	2.60	4.75	6.65	3.28	4.88
27	6.87	2.97	4.98	6.42	2.47	4.49	5.22	2.60	3.84	6.54	3.09	4.71
28	6.99	3.10	4.90	6.38	2.24	4.25	5.67	3.00	4.29	6.44	2.99	4.62
29	6.99	3.35	5.07	5.94	2.25	4.15	6.43	3.33	4.75	6.68	3.08	4.82
30	6.76	2.57	4.44	---	---	---	6.45	3.17	4.68	6.80	3.21	5.02
31	---	---	---	---	---	---	6.34	2.77	4.54	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	7.98	1.76	5.07

SANTEE RIVER BASIN

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 redirection 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, July 26, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.28 ft, Feb. 10; minimum gage height, 5.39 ft, July 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.84	6.00	8.59	11.08	6.55	8.96	10.92	6.30	8.52	10.86	6.13	8.18
2	10.92	6.51	8.88	10.82	6.43	8.55	11.04	6.67	8.47	10.73	6.28	8.18
3	11.04	6.72	8.92	11.03	6.44	8.53	11.36	6.57	8.79	10.73	6.33	8.19
4	10.85	6.47	8.64	10.80	6.31	8.37	11.00	6.45	8.51	10.62	6.44	8.28
5	10.64	6.35	8.35	11.08	6.56	8.64	10.39	5.88	7.91	10.59	6.73	8.53
6	10.49	6.18	8.22	11.44	7.14	9.28	10.66	6.05	8.09	10.81	6.88	8.77
7	10.54	6.14	8.25	11.16	7.15	9.16	10.51	6.01	8.19	11.01	7.19	9.12
8	10.73	6.43	8.48	11.42	7.14	9.29	10.51	6.21	8.35	11.33	7.24	9.31
9	10.81	6.55	8.62	11.36	7.13	9.44	10.91	6.24	8.70	11.08	7.11	8.83
10	10.84	6.38	8.51	11.60	7.24	9.50	11.24	6.27	8.88	10.69	6.81	8.84
11	10.90	6.28	8.62	11.39	7.08	9.43	11.21	6.10	8.95	10.87	7.05	9.00
12	11.49	6.74	9.23	11.29	6.76	9.08	11.60	6.47	9.23	11.02	7.18	9.10
13	11.49	6.62	9.32	11.85	6.67	9.68	11.09	6.66	9.35	11.45	7.39	9.31
14	11.48	6.44	9.18	11.07	6.95	9.14	10.47	6.83	9.12	11.56	7.18	9.51
15	11.50	6.34	9.23	10.88	5.91	8.45	10.50	7.63	9.38	11.07	7.93	9.55
16	11.86	6.59	9.48	10.68	5.97	8.09	11.53	7.44	9.52	11.18	7.09	9.03
17	11.88	6.70	9.52	10.72	6.30	7.80	11.41	7.09	9.08	10.28	7.04	8.55
18	11.90	6.63	9.58	10.36	6.48	8.05	11.03	6.65	8.72	10.63	7.18	8.74
19	11.90	7.37	9.77	10.76	6.50	8.44	10.72	6.67	8.46	---	---	---
20	11.72	7.04	9.51	10.85	6.71	8.24	10.04	6.37	8.01	---	---	---
21	11.63	7.25	9.60	10.84	7.01	8.75	10.15	6.38	8.26	---	---	---
22	11.23	7.04	9.25	10.28	6.61	8.45	10.60	6.61	8.82	---	---	---
23	11.09	7.27	9.22	10.18	6.65	8.43	10.10	6.25	8.15	---	---	---
24	10.96	7.29	9.10	10.45	6.74	8.52	10.58	6.99	8.81	---	---	---
25	10.76	6.71	8.87	10.46	6.79	8.12	10.89	6.56	8.68	---	---	---
26	11.02	7.22	9.23	10.44	6.84	8.12	10.81	6.46	8.73	---	---	---
27	11.03	6.31	8.75	10.48	6.41	8.43	11.33	6.68	9.07	---	---	---
28	10.83	5.80	8.61	10.37	6.50	8.42	10.29	6.35	8.79	---	---	---
29	10.91	6.84	8.88	10.90	6.27	8.56	11.95	7.03	9.60	---	---	---
30	11.03	6.71	9.01	11.51	6.72	8.99	9.78	6.07	7.98	---	---	---
31	11.25	6.78	9.09	---	---	---	10.14	5.94	7.80	---	---	---
MONTH	11.90	5.80	8.98	11.85	5.91	8.70	11.95	5.88	8.67	---	---	---

SANTÉE RIVER BASIN

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02171850 SOUTH SANTÉE RIVER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	12.49	11.20	11.81	11.34	8.03	9.52	12.06	9.71	10.69
2	---	---	---	12.42	11.03	11.65	11.04	7.70	9.09	11.16	9.25	10.14
3	---	---	---	11.81	10.37	11.01	10.66	7.63	9.04	10.97	9.09	9.99
4	---	---	---	11.56	10.22	10.89	11.45	7.56	9.17	11.22	9.09	10.02
5	---	---	---	11.53	9.82	10.61	---	---	---	10.88	8.78	9.86
6	---	---	---	11.28	9.79	10.57	11.10	7.84	9.54	10.78	8.57	9.63
7	---	---	---	11.69	9.66	10.65	10.67	7.73	9.28	10.97	8.45	9.68
8	---	---	---	11.75	9.66	10.65	10.79	7.62	9.20	10.78	8.29	9.56
9	---	---	---	11.60	9.14	10.36	10.66	7.39	9.10	11.09	8.05	9.52
10	14.28	13.91	14.08	---	---	---	10.69	7.07	8.71	11.61	8.16	9.74
11	14.26	13.91	14.09	11.03	8.42	9.81	11.51	7.60	9.62	11.88	8.54	10.11
12	14.14	13.77	13.95	11.15	8.53	9.74	11.39	8.07	9.77	11.68	8.57	10.14
13	13.92	13.66	13.78	10.96	8.65	9.80	11.39	8.09	9.74	11.94	8.75	10.18
14	13.77	13.36	13.56	10.70	8.78	9.70	11.13	7.75	9.47	12.11	9.21	10.52
15	13.55	13.05	13.29	11.43	9.36	10.31	10.89	7.66	9.17	11.94	9.32	10.60
16	13.37	12.93	13.11	12.14	10.80	11.38	10.84	7.72	9.17	11.90	8.61	10.16
17	13.47	12.77	13.16	12.41	11.71	12.03	10.75	7.77	9.10	11.38	8.19	9.67
18	12.93	12.05	12.49	12.46	12.02	12.22	10.64	7.97	9.13	11.12	8.15	9.55
19	12.27	11.46	11.90	12.55	12.28	12.42	10.92	8.45	9.49	11.40	8.00	9.70
20	11.89	10.95	11.47	12.64	12.28	12.43	10.48	8.48	9.50	10.98	7.43	9.26
21	11.56	10.48	11.07	12.58	11.93	12.25	11.29	9.26	10.31	11.38	7.32	9.44
22	11.48	10.48	11.05	12.17	11.63	11.94	11.57	9.43	10.62	11.95	7.75	10.02
23	12.54	10.70	11.54	12.16	11.41	11.85	11.82	9.57	10.80	11.85	7.81	10.13
24	11.40	10.37	10.90	12.18	11.03	11.62	11.86	9.75	10.83	12.05	7.64	10.01
25	12.01	10.32	11.23	12.06	10.84	11.42	11.90	9.38	10.59	11.75	7.21	9.76
26	12.63	10.64	11.69	11.98	10.37	11.17	11.84	9.32	10.53	11.52	6.61	9.19
27	12.92	11.10	11.99	11.77	9.85	10.86	12.21	9.19	10.40	11.46	6.50	8.95
28	12.75	11.24	11.93	11.77	9.38	10.58	12.51	9.88	11.00	11.46	6.63	8.96
29	---	---	---	11.55	8.87	10.20	12.28	10.00	11.07	11.39	6.91	9.13
30	---	---	---	11.56	8.50	9.91	12.06	9.98	10.87	11.36	6.91	9.08
31	---	---	---	11.49	8.22	9.71	---	---	---	11.15	7.04	8.98
MONTH	---	---	---	---	---	---	---	---	---	12.11	6.50	9.75

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	10.75	6.63	8.61	10.09	5.74	7.97	10.98	6.36	8.79	11.07	6.75	8.91
2	10.71	6.90	8.83	10.19	6.27	8.24	11.07	7.28	9.31	11.11	6.52	8.88
3	10.92	6.83	8.92	10.61	6.35	8.45	11.14	6.95	9.12	12.25	6.67	9.60
4	10.93	6.74	8.90	10.70	6.77	8.70	11.18	6.63	8.97	10.76	5.46	7.93
5	10.75	6.66	8.85	10.38	6.07	8.27	11.24	6.37	8.91	11.40	6.05	8.67
6	10.74	6.23	8.59	11.13	6.24	8.59	11.44	6.25	8.87	11.57	6.35	9.08
7	10.80	6.26	8.48	11.22	6.33	8.77	11.41	6.17	8.85	11.27	6.29	9.01
8	10.75	6.01	8.22	11.17	6.21	8.63	11.41	6.18	8.79	11.07	5.97	8.51
9	10.67	5.76	8.08	11.10	5.84	8.30	11.37	6.18	8.79	11.55	6.09	8.99
10	10.69	5.63	7.86	11.47	6.14	8.58	11.25	6.20	8.74	11.46	6.63	9.18
11	11.00	6.05	8.31	11.61	6.56	9.01	11.12	6.17	8.65	11.40	6.51	9.06
12	11.06	6.25	8.47	11.67	6.97	9.36	11.07	6.11	8.67	11.22	6.44	8.86
13	10.75	6.12	8.29	11.52	6.79	9.21	11.05	6.14	8.61	11.19	6.35	8.76
14	10.99	5.99	8.38	11.46	6.89	9.25	11.28	6.31	8.90	11.19	6.58	8.93
15	11.00	6.09	8.23	11.48	6.63	9.04	11.23	6.47	8.96	11.36	6.87	9.24
16	10.54	5.90	8.08	10.90	6.15	8.51	11.10	6.25	8.70	11.33	6.81	9.24
17	10.42	5.69	8.02	10.74	5.65	8.14	10.89	5.97	8.48	11.30	6.68	9.17
18	10.85	5.85	8.43	10.96	5.64	8.28	10.90	5.75	8.25	11.43	6.70	9.13
19	11.01	5.96	8.57	11.16	5.69	8.44	11.05	5.81	8.32	11.56	7.12	9.51
20	11.13	5.74	8.43	11.09	5.77	8.39	11.53	6.57	9.15	11.52	7.11	9.53
21	11.35	5.95	8.73	10.92	5.50	8.09	11.45	6.65	9.21	11.40	7.18	9.48
22	11.34	5.91	8.71	11.00	5.39	7.93	11.31	6.62	9.07	11.02	6.79	9.05
23	11.53	5.98	8.76	10.93	5.53	7.95	11.11	6.52	8.84	11.33	6.75	9.38
24	11.61	6.32	9.00	10.90	5.65	7.96	11.00	6.68	8.87	11.31	7.56	9.56
25	11.73	6.69	9.23	10.86	5.88	8.12	11.24	6.74	8.96	11.17	7.15	9.14
26	11.43	6.66	9.19	10.93	5.82	8.07	11.19	5.76	8.28	10.82	6.99	8.84
27	11.05	6.55	8.86	10.92	6.60	8.74	9.29	5.74	7.40	10.73	6.86	8.73
28	11.14	6.59	8.76	10.81	6.31	8.49	9.76	6.07	7.83	10.63	6.81	8.63
29	11.14	6.89	8.97	10.44	6.30	8.37	10.54	6.59	8.47	10.83	6.82	8.80
30	10.94	6.58	8.48	10.23	6.22	8.11	10.60	6.77	8.60	11.01	7.09	9.07
31	---	---	---	9.97	5.77	7.82	10.61	6.74	8.62	---	---	---
MONTH	11.73	5.63	8.57	11.67	5.39	8.44	11.53	5.74	8.71	12.25	5.46	9.03

SANTEE RIVER BASIN

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 redirection 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 gageheight record, Sept. 21 - 22, 1989; minimum gage height, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.51 ft, Feb. 9; minimum gage height, 17.86 ft, Sept. 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	23.75	19.15	21.60	23.58	18.87	21.16	23.65	18.48	20.73
2	---	---	---	23.53	19.03	21.18	24.20	19.29	21.62	23.28	18.60	20.64
3	---	---	---	23.70	19.04	21.15	24.05	19.18	21.61	23.26	18.66	20.64
4	23.55	19.21	21.35	23.45	18.91	21.03	23.63	19.03	21.16	23.22	18.78	20.75
5	23.36	19.11	21.07	23.76	19.20	21.34	23.06	18.47	20.52	23.15	19.11	21.01
6	23.18	18.96	20.95	24.17	19.80	21.91	23.29	18.65	20.70	23.46	19.24	21.25
7	23.25	18.91	20.98	23.87	19.79	21.79	23.14	18.60	20.80	23.64	19.45	21.57
8	23.43	19.19	21.20	24.17	19.79	21.91	23.12	18.81	20.95	24.00	19.36	21.75
9	23.53	19.33	21.32	24.09	19.71	22.06	23.57	18.82	21.29	23.74	19.24	21.27
10	23.52	19.16	21.21	24.35	19.68	22.22	23.88	18.75	21.46	23.63	18.95	21.36
11	23.60	19.06	21.31	24.14	19.39	22.03	24.03	18.65	21.56	23.93	19.26	21.65
12	24.25	19.48	21.93	24.20	19.30	21.85	24.36	19.03	21.82	24.05	19.39	21.77
13	24.24	19.36	22.00	24.61	19.18	22.26	24.57	19.22	22.09	24.16	19.64	21.75
14	24.21	19.17	21.87	24.59	19.44	21.78	24.61	19.37	22.29	24.28	19.43	21.99
15	24.25	19.08	21.92	23.89	18.45	21.19	24.86	20.17	22.54	24.22	20.31	22.21
16	24.67	19.32	22.17	23.76	18.53	21.15	24.48	20.00	22.21	23.88	19.40	21.49
17	24.68	19.42	22.18	24.10	18.89	21.43	24.13	19.64	21.72	23.37	19.39	21.14
18	24.72	19.37	22.27	23.89	19.07	21.35	23.68	19.20	21.31	23.42	19.59	21.40
19	24.72	20.09	22.43	23.65	19.08	21.26	23.33	19.26	21.05	23.47	20.49	22.06
20	24.49	19.79	22.19	23.46	19.30	21.16	22.62	18.96	20.61	23.60	20.26	21.98
21	24.38	20.02	22.27	23.46	19.61	21.39	22.72	18.99	20.88	23.23	20.48	21.87
22	23.97	19.80	21.95	22.88	19.16	21.00	23.24	19.22	21.44	23.72	20.55	22.08
23	23.80	20.02	21.94	22.75	19.22	20.99	22.71	18.84	20.77	24.20	20.24	22.21
24	23.67	20.06	21.90	23.05	19.30	21.12	23.16	19.64	21.41	23.88	19.82	21.99
25	23.44	19.46	21.56	23.18	19.46	21.40	23.58	19.02	21.27	23.48	19.69	21.77
26	23.71	19.70	21.91	23.48	18.96	21.43	23.46	19.02	21.33	24.24	20.08	22.41
27	23.70	18.72	21.42	23.10	18.95	21.04	24.06	19.24	21.67	25.29	20.75	23.19
28	23.55	18.57	21.42	23.63	19.07	21.23	24.03	18.88	21.63	23.69	20.09	21.89
29	23.85	19.57	21.85	23.57	18.82	21.18	24.81	19.57	22.29	24.72	20.29	22.63
30	23.78	19.45	21.70	24.26	19.30	21.61	23.04	18.44	20.60	25.07	21.09	23.05
31	23.98	19.50	21.77	---	---	---	23.21	18.27	20.36	25.29	21.49	23.24
MONTH	---	---	---	24.61	18.45	21.47	24.86	18.27	21.36	25.29	18.48	21.77

02171905 SOUTH SANTÉE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	24.71	21.60	23.07	24.91	21.56	23.16	23.88	19.47	21.55	24.67	20.63	22.33
2	24.57	21.75	23.11	24.48	21.35	22.89	23.52	19.37	21.19	23.61	20.28	21.83
3	25.24	22.49	23.74	23.81	20.57	22.02	23.37	19.37	21.27	23.48	20.21	21.83
4	25.47	22.22	23.85	23.80	20.73	22.20	24.18	19.36	21.37	23.77	20.33	21.95
5	23.98	22.10	22.98	23.88	20.44	21.98	23.73	20.10	21.92	23.45	20.15	21.83
6	24.55	22.25	23.57	23.72	20.82	22.26	23.80	19.77	21.88	23.37	19.96	21.66
7	25.41	22.81	24.18	24.29	20.78	22.46	23.29	19.67	21.62	23.59	19.99	21.83
8	25.44	23.13	24.29	24.37	20.90	22.56	23.38	19.57	21.54	23.46	19.80	21.69
9	25.51	23.36	24.41	24.20	20.00	22.17	23.29	19.32	21.42	23.76	19.75	21.73
10	25.27	23.41	24.23	22.71	19.68	21.15	23.33	18.82	20.98	24.36	19.89	22.03
11	25.11	23.32	24.14	23.65	19.65	21.86	24.20	19.67	22.03	24.60	20.48	22.45
12	24.28	23.01	23.61	23.81	20.04	21.80	24.08	20.11	22.13	24.39	20.35	22.39
13	24.53	22.91	23.61	23.55	20.08	21.85	24.08	20.07	22.09	24.64	20.55	22.44
14	24.32	22.81	23.50	23.07	19.94	21.53	23.78	19.65	21.77	24.79	21.02	22.77
15	24.38	22.81	23.53	23.56	19.95	21.70	23.55	19.64	21.47	24.64	21.08	22.81
16	25.12	22.94	23.73	24.01	21.04	22.41	23.49	19.68	21.47	24.45	20.31	22.32
17	24.80	22.68	23.74	23.93	21.89	22.85	23.35	19.60	21.35	24.09	20.05	21.89
18	23.83	21.77	22.69	23.93	21.82	22.74	23.32	19.73	21.34	23.82	20.01	21.85
19	23.30	21.54	22.42	23.75	21.95	22.75	23.56	19.99	21.60	24.11	20.03	22.02
20	23.46	21.31	22.37	23.64	22.03	22.75	23.01	19.80	21.49	23.68	19.41	21.54
21	23.34	20.91	22.19	23.65	21.49	22.38	23.88	20.73	22.37	24.09	19.29	21.79
22	23.63	21.15	22.51	23.21	21.44	22.28	24.17	20.64	22.57	24.73	19.79	22.42
23	25.08	20.96	23.01	23.82	21.57	22.77	24.44	20.62	22.68	24.68	19.79	22.48
24	23.36	20.55	21.98	24.28	21.22	22.74	24.47	20.63	22.65	24.93	19.68	22.38
25	24.46	20.59	22.65	24.41	21.16	22.81	24.56	20.14	22.32	24.55	19.30	22.12
26	25.17	21.14	23.31	24.47	20.93	22.66	24.49	20.07	22.25	24.34	18.84	21.61
27	25.47	21.74	23.60	24.39	20.52	22.48	24.89	19.86	22.08	24.26	18.80	21.44
28	25.27	21.72	23.39	24.42	20.20	22.31	25.13	20.88	22.83	24.27	19.01	21.49
29	---	---	---	24.22	19.79	21.98	24.72	20.75	22.72	24.19	19.38	21.67
30	---	---	---	24.24	19.59	21.77	24.69	20.89	22.52	24.05	19.42	21.64
31	---	---	---	24.18	19.48	21.66	---	---	---	23.93	19.61	21.57
MONTH	25.51	20.55	23.34	24.91	19.48	22.29	25.13	18.82	21.88	24.93	18.80	21.99

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	23.49	19.16	21.22	22.78	18.44	20.66	23.61	19.03	21.44	23.76	19.46	21.55
2	23.46	19.48	21.47	22.86	18.99	20.92	23.71	19.96	21.94	23.76	19.16	21.47
3	23.63	19.43	21.56	23.26	19.04	21.11	23.78	19.63	21.74	24.94	19.29	22.15
4	23.69	19.39	21.56	23.34	19.45	21.34	23.81	19.33	21.60	23.34	17.86	20.37
5	23.48	19.30	21.52	23.06	18.76	20.91	23.89	19.04	21.54	24.06	18.52	21.20
6	23.51	18.92	21.29	23.78	18.91	21.25	24.11	18.91	21.50	24.29	18.85	21.61
7	23.56	19.00	21.20	23.89	19.00	21.41	24.08	18.77	21.46	23.93	18.76	21.52
8	23.50	18.71	20.93	23.84	18.86	21.27	24.06	18.77	21.38	23.73	18.52	21.05
9	23.40	18.40	20.75	23.76	18.52	20.94	24.04	18.75	21.36	24.24	18.57	21.56
10	23.47	18.31	20.56	24.17	18.80	21.24	23.91	18.80	21.33	24.10	19.10	21.67
11	23.78	18.76	21.03	24.34	19.22	21.66	23.74	18.75	21.24	24.04	18.99	21.56
12	23.83	18.89	21.17	24.34	19.62	21.96	23.61	18.71	21.21	23.84	18.91	21.36
13	23.46	18.80	20.95	24.12	19.42	21.80	23.64	18.73	21.21	23.78	18.84	21.27
14	23.76	18.60	21.07	24.09	19.54	21.85	23.94	18.92	21.50	23.77	19.08	21.45
15	23.76	18.74	20.88	24.15	19.29	21.62	23.90	19.09	21.56	23.98	19.40	21.75
16	23.20	18.41	20.68	23.52	18.81	21.11	23.75	18.87	21.29	23.94	19.32	21.76
17	23.08	18.27	20.65	23.35	18.29	20.75	23.52	18.56	21.07	23.93	19.25	21.71
18	23.55	18.44	21.07	23.61	18.28	20.91	23.54	18.36	20.87	24.09	19.28	21.71
19	23.76	18.54	21.20	23.80	18.33	21.07	23.71	18.39	20.96	24.23	19.64	22.06
20	23.95	18.42	21.13	23.73	18.39	21.02	24.23	19.23	21.78	24.20	19.69	22.10
21	24.13	18.51	21.37	23.53	18.07	20.71	24.13	19.27	21.81	24.09	19.76	22.04
22	24.10	18.43	21.31	23.61	17.97	20.54	24.00	19.17	21.65	23.64	19.41	21.63
23	24.28	18.44	21.33	23.53	18.13	20.58	23.76	19.10	21.42	24.01	19.32	21.97
24	24.37	18.81	21.56	23.46	18.25	20.57	23.63	19.21	21.43	23.99	20.18	22.15
25	24.51	19.21	21.79	23.44	18.48	20.73	23.93	19.29	21.55	23.82	19.80	21.75
26	24.17	19.15	21.72	23.52	18.42	20.68	23.74	18.34	20.98	23.45	19.63	21.47
27	23.73	19.08	21.40	23.51	19.22	21.34	21.93	18.09	19.93	23.36	19.53	21.37
28	23.87	19.08	21.35	23.20	18.93	21.08	22.30	18.47	20.35	23.29	19.48	21.27
29	23.71	19.45	21.58	23.01	18.96	20.99	23.15	19.11	21.05	23.49	19.49	21.44
30	23.60	19.26	21.12	22.80	18.84	20.72	23.22	19.40	21.22	23.68	19.76	21.71
31	---	---	---	22.55	18.44	20.45	23.27	19.44	21.26	---	---	---
MONTH	24.51	18.27	21.21	24.34	17.97	21.07	24.23	18.09	21.31	24.94	17.86	21.59

SANTEE RIVER BASIN

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 ft³ between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft³. 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, 75.75 ft, Nov. 2; minimum elevation, 73.26 ft, Dec. 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	74.89	75.50	74.15	74.26	75.16	74.90	74.90	74.91	73.92	74.13	74.57	74.13
2	74.91	75.48	74.02	74.38	75.18	74.95	74.81	75.02	73.91	74.15	74.64	74.03
3	74.96	75.41	73.92	74.47	75.29	74.92	74.83	75.01	73.95	74.09	74.68	74.11
4	74.98	75.27	74.06	74.61	75.18	74.77	74.78	74.93	74.00	74.09	74.70	74.19
5	75.00	75.15	73.91	74.52	74.75	74.70	74.75	74.86	74.19	74.18	74.70	74.26
6	74.98	75.13	74.05	74.38	74.15	74.56	74.67	74.81	74.37	74.10	74.72	74.35
7	74.92	75.21	74.06	74.26	73.91	74.70	74.65	74.88	74.47	74.01	74.69	74.53
8	74.87	75.16	74.01	74.19	73.87	74.84	74.60	74.97	74.43	74.01	74.72	74.70
9	74.90	75.01	73.99	74.10	73.97	74.84	74.75	74.97	74.58	74.04	74.78	74.88
10	74.94	74.71	73.95	74.21	74.19	74.64	74.73	75.06	74.79	74.07	74.81	75.00
11	74.96	74.80	73.99	74.26	74.48	74.11	74.77	74.96	74.75	74.05	74.88	74.94
12	74.87	74.75	73.71	74.21	74.62	73.76	74.87	74.86	74.69	74.01	74.90	74.99
13	74.86	74.78	73.85	74.34	74.59	73.77	74.94	74.84	74.80	74.04	74.94	74.95
14	74.74	74.76	73.73	74.55	74.74	73.99	75.03	74.79	74.85	74.03	75.02	74.87
15	74.84	74.90	73.69	74.71	74.78	74.11	75.05	74.77	74.61	74.07	75.06	74.83
16	74.82	74.79	73.66	74.83	75.06	74.15	75.01	74.70	74.69	74.22	75.22	74.70
17	74.79	74.40	73.63	74.92	75.24	74.13	75.02	74.71	74.74	74.25	75.26	74.55
18	74.89	74.29	73.39	74.94	75.19	74.25	75.04	74.69	74.75	74.23	75.34	74.47
19	74.97	74.40	73.42	75.11	75.03	74.39	75.05	74.59	74.98	74.28	75.44	74.42
20	74.96	74.32	73.55	75.03	74.87	74.49	74.93	74.48	74.93	74.20	75.44	74.32
21	74.95	74.20	73.52	75.06	74.89	74.66	74.85	74.40	74.91	74.22	75.27	74.36
22	75.00	74.18	73.53	75.00	74.93	74.69	74.85	74.45	74.59	74.22	75.28	74.26
23	75.01	74.22	73.33	75.20	75.17	74.71	74.83	74.53	74.45	74.26	75.13	74.14
24	75.03	73.97	73.51	75.42	75.18	74.74	74.77	74.73	74.37	74.26	74.78	74.02
25	75.05	73.93	73.58	75.38	75.05	74.81	74.87	74.50	74.22	74.26	74.46	73.91
26	75.09	73.98	73.59	75.39	74.93	74.93	74.96	74.44	74.08	74.24	74.31	73.93
27	75.17	73.98	73.85	75.39	74.77	74.85	75.05	74.34	73.97	74.24	74.12	73.85
28	75.09	74.05	73.95	75.33	74.86	74.87	75.08	74.27	74.00	74.27	74.22	73.76
29	75.36	74.16	74.02	75.21	---	74.94	75.01	74.19	74.05	74.30	74.26	73.75
30	75.38	74.25	74.11	75.08	---	74.97	74.95	74.12	74.13	74.39	74.37	73.87
31	75.35	---	74.14	75.02	---	74.87	---	74.01	---	74.60	74.43	---
MAX	75.38	75.50	74.15	75.42	75.29	74.97	75.08	75.06	74.98	74.60	75.44	75.00
MIN	74.74	73.93	73.33	74.10	73.87	73.76	74.60	74.01	73.91	74.01	74.12	73.75
(+)	28.99	26.40	26.14	28.22	27.84	27.86	28.05	25.83	26.12	27.22	26.82	25.50
(*)	+448	-999	-97.1	+777	-157	+7.47	+73.3	-829	+112	+411	-149	-509

CAL YR 1997 * +143 MAX 75.50 MIN 71.18
WTR YR 1998 * -72.6 MAX 75.50 MIN 73.33

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

COOPER RIVER BASIN

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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 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, 13.67 ft, June 26, 1991; minimum gage height, 1.78 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.97 ft, Jan. 27; minimum gage height, 2.64 ft, Jan. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.66	4.60	7.05	8.41	5.73	7.22	10.53	4.33	7.11	9.91	2.64	6.79
2	9.11	5.25	7.25	11.56	5.26	7.74	9.99	4.61	7.67	9.81	5.06	7.66
3	9.19	5.44	7.41	8.66	4.66	7.13	10.16	5.44	7.92	8.48	3.60	6.34
4	8.60	5.33	7.30	10.13	4.76	7.26	10.24	4.95	7.46	7.40	3.18	5.67
5	8.89	4.87	7.06	9.97	5.73	7.77	10.06	5.48	7.53	10.43	4.49	6.89
6	10.72	4.54	7.64	9.94	5.57	7.45	8.29	4.15	6.34	9.49	4.93	7.31
7	11.02	5.81	7.43	10.18	5.79	7.89	8.96	3.79	6.44	10.40	4.73	7.38
8	10.92	5.64	7.36	10.94	5.21	7.38	9.44	3.86	7.11	10.67	5.11	7.95
9	9.47	5.63	7.25	10.66	5.48	7.49	10.42	4.19	7.09	10.27	5.37	7.66
10	8.45	5.44	7.06	11.08	5.94	7.98	9.95	4.34	7.17	7.93	4.33	6.24
11	8.52	5.19	7.15	10.99	5.37	7.63	11.32	4.92	7.56	9.83	4.07	6.66
12	11.09	5.28	7.49	9.43	5.49	7.66	11.48	4.82	8.18	10.51	4.36	7.48
13	9.07	6.04	7.81	10.55	5.25	8.14	10.70	5.61	7.34	10.20	5.22	7.98
14	10.91	5.70	8.45	11.14	5.64	8.23	10.72	5.26	7.67	10.94	5.07	8.00
15	10.75	5.82	8.04	8.31	4.57	6.67	10.19	5.81	8.08	10.52	5.54	7.98
16	8.83	5.49	7.56	8.23	3.88	6.56	10.97	5.67	8.13	10.56	5.61	7.70
17	9.69	5.59	8.16	10.41	6.12	8.14	10.50	6.31	8.11	9.49	4.11	6.77
18	9.66	5.72	7.95	9.71	6.03	7.71	10.86	5.77	8.11	7.89	4.58	6.63
19	9.71	6.49	8.28	9.02	4.91	7.05	10.13	5.20	7.43	10.04	5.81	7.51
20	10.75	6.64	8.33	10.35	4.98	6.89	7.35	3.91	5.85	10.84	6.50	8.40
21	10.75	6.38	8.33	10.85	4.82	7.49	10.10	4.05	6.35	10.69	6.01	7.86
22	11.29	6.43	8.23	9.28	4.60	6.76	10.00	5.03	7.78	11.71	5.82	8.32
23	11.21	6.16	8.29	7.24	4.17	5.95	9.61	5.32	7.30	11.68	6.32	8.20
24	10.84	6.22	7.99	11.19	3.82	7.10	10.10	4.82	7.46	8.54	5.63	7.09
25	10.28	5.84	7.79	11.46	5.11	7.76	9.80	5.43	7.25	9.14	4.62	7.05
26	10.20	5.56	7.61	10.40	5.50	7.51	11.44	5.28	8.27	9.84	5.54	7.76
27	11.15	5.86	7.85	11.33	4.68	7.25	11.42	5.94	7.86	11.97	5.77	8.95
28	11.11	4.75	7.48	9.69	5.02	7.23	10.45	4.97	7.29	9.48	6.04	7.99
29	10.11	5.75	7.41	7.86	4.20	6.13	9.63	5.55	7.61	9.88	5.26	7.55
30	10.24	5.48	7.54	11.13	4.41	6.95	8.66	3.78	6.54	9.36	6.12	8.20
31	10.61	5.44	7.91	---	---	---	10.29	2.81	6.67	10.83	6.09	8.07
MONTH	11.29	4.54	7.69	11.56	3.82	7.34	11.48	2.81	7.38	11.97	2.64	7.49

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.20	6.13	7.96	9.14	5.91	7.87	9.25	4.86	7.18	10.43	6.01	8.16
2	10.51	6.22	8.28	10.84	5.61	8.06	9.83	4.38	6.98	8.26	4.57	6.55
3	11.02	6.55	8.38	9.59	4.34	7.12	10.04	5.64	7.47	8.35	5.05	7.03
4	11.67	6.88	9.09	10.18	5.57	7.79	9.42	5.11	7.25	9.89	5.08	7.69
5	11.13	6.18	8.47	10.41	5.06	7.89	9.82	4.83	7.14	10.19	5.67	7.50
6	11.34	5.56	8.75	10.60	5.02	8.05	10.73	5.36	7.46	10.74	5.39	7.38
7	10.52	6.27	8.48	9.48	5.48	7.45	10.36	4.89	6.97	10.24	5.27	7.39
8	10.02	6.12	8.00	8.54	5.31	7.05	10.37	5.28	7.45	11.13	5.76	8.21
9	11.10	6.18	8.40	11.15	5.79	8.90	11.59	5.43	7.84	9.39	5.32	7.29
10	10.85	6.23	8.03	10.89	5.13	7.75	10.04	4.03	6.85	10.27	5.15	7.08
11	9.96	5.67	7.75	10.85	5.22	7.68	10.43	4.74	6.90	9.85	6.05	7.66
12	9.40	5.21	7.29	9.10	6.13	7.54	9.72	5.51	7.38	10.43	6.10	8.17
13	10.40	5.92	8.25	8.50	4.92	6.85	9.82	5.53	7.77	9.63	5.97	7.81
14	10.20	5.14	7.29	8.15	4.16	6.13	9.26	5.99	7.86	11.44	6.12	8.46
15	10.08	6.16	8.02	8.96	3.80	6.46	9.61	5.33	7.43	11.51	6.40	8.50
16	9.47	6.17	7.94	10.04	5.18	7.48	9.91	5.72	7.73	11.45	6.16	8.35
17	10.85	7.23	8.84	10.98	6.48	8.37	9.58	5.33	7.34	10.38	5.34	7.75
18	10.51	6.34	8.29	8.97	5.57	7.34	9.87	4.47	6.86	10.76	5.42	7.80
19	10.84	5.87	7.98	10.77	5.87	7.74	7.85	4.71	6.42	10.41	5.89	8.08
20	11.16	5.87	8.26	9.34	6.35	8.18	9.61	4.52	6.69	10.63	6.11	8.08
21	8.99	5.49	7.01	7.97	4.02	6.26	11.00	5.05	7.48	11.34	5.86	8.25
22	9.66	4.86	7.28	9.74	4.18	6.41	11.43	5.97	7.99	9.11	6.05	7.65
23	11.10	5.58	8.00	10.43	4.56	7.17	11.17	5.50	8.10	11.43	5.99	8.24
24	10.02	4.62	6.96	10.90	5.54	7.86	10.13	5.73	8.34	9.83	6.34	8.14
25	11.14	4.63	7.48	11.24	5.46	7.76	8.88	5.16	7.27	11.53	6.60	8.97
26	10.66	5.59	8.12	10.33	5.32	7.67	8.79	5.02	6.96	11.67	6.54	8.00
27	11.38	6.47	9.17	11.05	5.21	8.36	9.50	4.89	7.02	10.29	6.54	7.70
28	9.91	6.51	8.23	10.86	5.40	7.80	9.77	4.93	7.62	8.79	6.14	7.36
29	---	---	---	9.05	4.45	6.98	9.95	6.50	8.41	8.74	6.32	7.47
30	---	---	---	8.75	4.50	6.87	10.48	5.71	8.39	10.51	6.02	7.62
31	---	---	---	9.46	4.69	7.21	---	---	---	8.59	6.26	7.60
MONTH	11.67	4.62	8.07	11.24	3.80	7.49	11.59	4.03	7.42	11.67	4.57	7.80

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.60	5.91	7.47	9.76	5.79	7.02	9.15	3.95	6.62	8.76	6.09	7.67
2	8.49	5.91	7.39	7.88	5.03	6.95	9.36	5.68	7.45	10.32	5.67	7.46
3	8.46	6.11	7.34	9.45	5.02	7.24	8.84	5.95	7.43	11.45	5.42	8.25
4	8.57	5.98	7.31	8.01	4.77	6.59	8.94	5.76	7.23	8.92	4.75	6.76
5	8.15	5.29	6.91	9.98	3.89	6.42	9.85	5.43	7.10	10.17	3.76	6.82
6	7.75	4.23	6.20	10.19	4.66	7.47	10.04	4.72	7.13	11.21	4.78	7.25
7	8.21	4.57	6.47	10.50	6.06	8.05	9.77	5.11	7.25	10.88	5.06	7.88
8	8.49	4.82	7.00	10.59	6.08	7.71	10.70	4.94	7.21	10.84	4.95	7.92
9	9.39	4.37	6.66	9.85	5.59	7.11	8.69	5.17	7.18	10.02	4.43	7.57
10	9.97	4.51	7.14	8.41	5.75	6.97	8.74	5.20	7.27	9.87	5.29	7.68
11	10.91	4.21	7.69	10.63	5.29	7.34	9.56	5.12	7.21	10.29	4.99	7.85
12	11.28	5.02	8.07	9.04	5.73	7.64	8.92	4.81	7.24	10.02	4.72	7.21
13	10.98	5.39	7.99	10.88	6.18	7.71	9.54	4.82	7.32	9.58	4.25	7.03
14	8.35	5.75	7.14	9.36	6.18	7.74	9.24	4.87	7.37	10.60	5.46	7.58
15	10.59	5.95	8.09	9.28	5.89	7.75	10.84	4.99	7.47	9.51	5.60	7.54
16	9.36	5.09	7.13	9.77	4.73	7.33	9.93	4.65	7.22	10.35	5.77	8.01
17	8.35	5.69	7.23	8.26	4.86	7.03	10.81	4.98	7.05	10.53	5.66	8.15
18	8.39	5.33	7.08	8.17	4.65	6.73	9.12	5.10	6.82	10.62	5.70	7.69
19	8.45	4.96	6.92	9.26	4.27	6.81	9.73	5.67	7.49	9.87	5.52	7.82
20	9.46	5.57	6.79	10.01	5.01	7.25	11.39	5.12	7.32	11.03	5.80	8.24
21	8.68	5.57	7.15	8.36	5.83	7.00	9.96	5.87	8.07	10.31	5.93	8.16
22	11.11	5.62	8.35	8.46	5.83	6.94	10.42	5.74	7.71	10.12	5.79	7.96
23	10.89	6.18	8.20	8.29	6.03	6.85	8.94	5.37	7.53	10.46	5.26	7.40
24	11.24	5.97	8.02	8.29	5.99	6.88	10.04	5.19	7.60	11.53	5.92	8.17
25	11.41	5.99	7.92	8.14	5.76	6.87	9.89	6.02	7.50	10.12	5.52	7.86
26	11.31	6.23	7.89	8.24	5.52	6.77	8.61	5.99	7.20	11.12	5.29	7.44
27	10.35	6.07	7.81	8.16	6.06	7.03	8.17	5.98	6.69	10.78	4.85	7.64
28	8.49	5.33	6.98	8.38	5.82	7.09	8.02	5.98	6.69	9.51	5.80	7.45
29	10.57	5.80	7.61	8.38	6.05	7.14	9.11	5.98	6.96	9.76	4.81	7.19
30	9.39	5.89	7.47	7.83	4.90	6.81	8.41	6.07	7.15	9.83	5.75	7.76
31	---	---	---	7.67	4.41	6.25	8.38	6.17	7.31	---	---	---
MONTH	11.41	4.21	7.38	10.88	3.89	7.11	11.39	3.95	7.25	11.53	3.76	7.65
YEAR	11.97	2.64	7.50									

COOPER RIVER BASIN

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02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S 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.--No estimated daily discharges. Records poor. Discharge records computed by utilization of a 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 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3810	2950	4870	5260	3580	3020	4270	6380	5410	6040	3510	5530
2	3150	5490	5370	7480	5800	4700	3910	1190	5390	4840	3380	5100
3	3740	4420	6330	3370	4860	4630	7220	3890	4940	6330	4020	6940
4	3780	5530	4370	1130	6340	7020	4290	6080	4870	1940	3650	3640
5	3950	6000	7240	5220	6920	6860	3620	5250	3200	2620	3630	4290
6	6140	4020	3100	5700	8080	7430	4060	6170	1480	6300	3040	4020
7	5630	5070	3450	5170	5480	3440	3160	5980	2980	7610	3620	6120
8	4690	3420	5000	6850	3220	1900	5240	7890	4680	6270	3040	6360
9	3980	3660	4550	5820	5020	9890	6090	5050	3840	4970	3340	5340
10	3390	4560	5060	1310	3680	6530	4150	4120	5950	4450	3780	4330
11	3210	3800	4520	2380	3970	6100	2760	4870	7330	4010	2910	5670
12	4300	4420	7960	5790	4070	5810	2600	5860	7340	3830	3920	3010
13	3610	5850	1840	5880	8870	2320	4950	5180	7740	4460	3990	3770
14	6870	5770	3830	6600	4130	1020	5470	6720	5000	4850	3940	5250
15	4230	1690	4340	5540	5820	3550	5270	6380	8300	4730	4590	4840
16	2450	2710	4830	4920	4150	5530	6440	6670	5630	4300	3360	6100
17	5260	8190	5410	4100	5950	8170	5230	5410	6170	4260	3420	6870
18	3270	5740	7490	3810	5530	3830	3550	5760	4450	3930	4040	4980
19	4190	4320	5370	4370	6240	4660	1420	6240	4080	4020	6170	5150
20	5520	3520	1210	7960	7370	7200	3620	6770	3640	5400	4580	6300
21	5850	7030	3930	5330	3030	876	4270	7880	4510	5160	5460	5460
22	5850	2410	7020	8150	3540	3430	4690	4170	8850	5420	4560	5510
23	5820	1270	5970	4240	3550	3820	5340	5740	7890	5190	4960	3380
24	4780	6260	5780	1760	2870	5320	6390	5670	6720	5230	5130	5660
25	5090	7120	3700	3560	4600	5300	2800	9170	5900	5080	5590	5500
26	4070	3980	8660	3730	4680	3410	2730	5820	5740	4600	4510	3940
27	5270	5390	4020	7510	7700	7150	3610	5840	6250	4520	6220	5640
28	4880	3410	2870	5180	2730	4530	4900	4600	3850	4520	6310	5030
29	2210	1390	3280	3830	---	2400	6930	4710	5820	5180	5900	4080
30	3430	2970	2640	5270	---	3240	7150	5240	5530	4670	5330	5100
31	4460	---	5450	3690	---	4590	---	5240	---	3400	5430	---
TOTAL	136880	132360	149460	150910	141780	147676	136130	175940	163480	148130	135330	152910
MEAN	4415	4412	4821	4868	5064	4764	4538	5675	5449	4778	4365	5097
MAX	6870	8190	8660	8150	8870	9890	7220	9170	8850	7610	6310	6940
MIN	2210	1270	1210	1130	2730	876	1420	1190	1480	1940	2910	3010

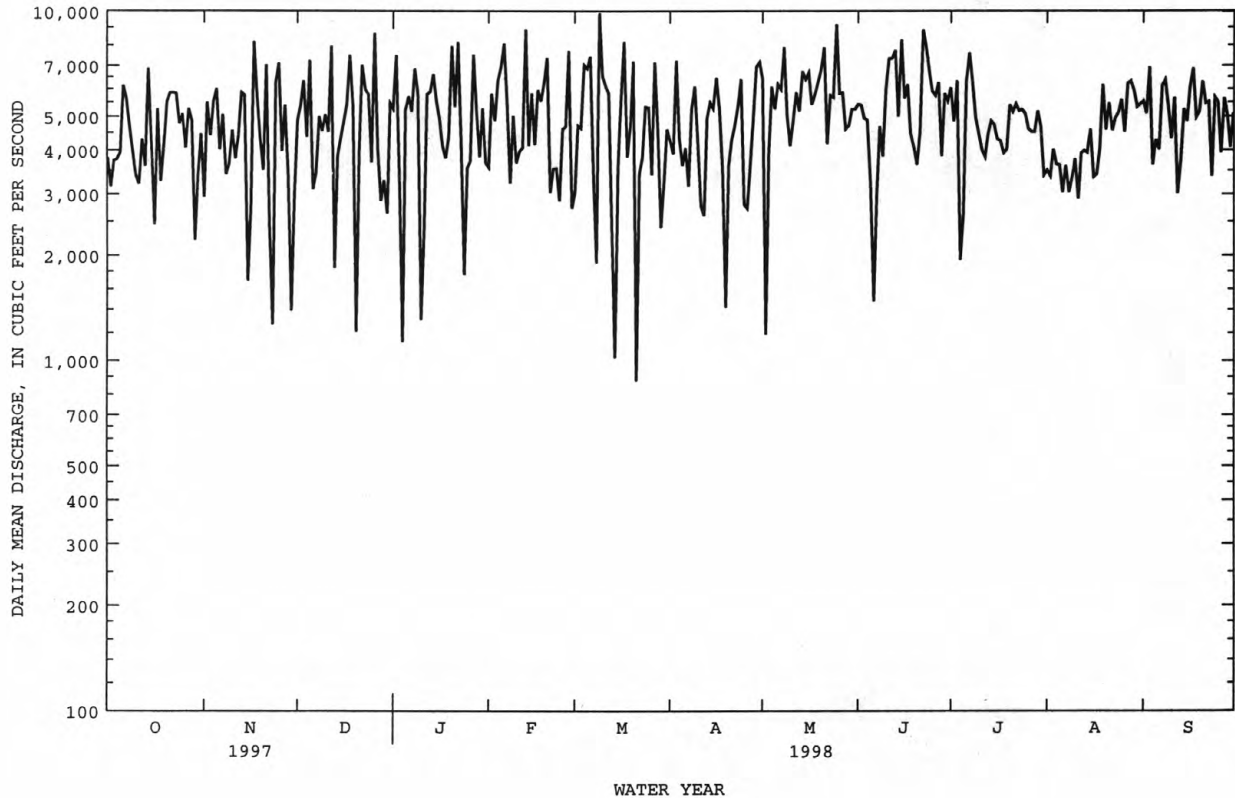
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1998, BY WATER YEAR (WY)

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
MEAN	6433	6451	9126	10030	10490	10540	9716	8707	8092	7525	6991	5858
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

COOPER RIVER BASIN

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1979 - 1998	
ANNUAL TOTAL	1664193		1770986		8504	
ANNUAL MEAN	4559		4852		18220	
HIGHEST ANNUAL MEAN					3804	
LOWEST ANNUAL MEAN					33700	
HIGHEST DAILY MEAN	9660	Jan 1	9890	Mar 9	-521	Nov 25 1979
LOWEST DAILY MEAN	843	Aug 5	876	Mar 21	20900	Jan 26 1993
ANNUAL SEVEN-DAY MINIMUM	2970	Jun 25	3340	Aug 5	1790	Mar 19 1985
10 PERCENT EXCEEDS	6990		6920		5760	
50 PERCENT EXCEEDS	4490		4870		2530	
90 PERCENT EXCEEDS	2440		3020			



COOPER RIVER BASIN

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02172003 WEST BRANCH COOPER RIVER AT MONCK'S 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, 27.18 ft, Feb. 4; minimum gage height, 19.69 ft, Jan. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.19	21.61	23.75	25.26	22.68	24.04	25.80	21.29	23.68	25.51	19.69	23.23
2	25.57	22.22	23.98	26.65	22.14	24.17	25.99	21.56	24.10	25.21	21.77	23.78
3	25.40	22.41	24.16	25.05	21.57	23.75	25.41	22.21	24.33	24.58	20.63	23.08
4	25.20	22.29	24.05	24.83	21.66	23.71	25.69	21.90	24.06	24.28	20.21	22.61
5	24.88	21.82	23.77	25.33	22.50	24.20	24.76	22.09	23.81	25.52	21.20	23.47
6	25.99	21.55	24.10	25.39	22.58	24.18	24.48	21.33	23.10	25.52	21.92	23.83
7	26.14	22.35	24.04	26.03	22.75	24.53	24.45	20.82	23.17	25.89	21.70	24.03
8	26.22	22.43	24.04	26.40	22.18	24.14	24.82	20.80	23.72	26.11	22.03	24.48
9	25.70	22.59	24.02	26.04	22.44	24.26	25.68	21.17	23.74	25.71	22.33	24.19
10	25.34	22.52	23.85	26.43	22.91	24.65	25.69	21.32	23.83	24.82	21.33	23.17
11	25.41	22.17	23.89	26.37	22.31	24.31	26.53	21.89	24.14	25.73	21.05	23.44
12	26.61	22.27	24.20	25.93	22.46	24.38	26.57	21.78	24.55	26.34	21.33	23.93
13	25.92	23.01	24.61	26.20	22.23	24.70	26.19	22.60	24.20	26.08	22.19	24.39
14	26.60	22.68	24.89	26.34	22.61	24.74	26.21	22.23	24.36	26.36	21.96	24.46
15	25.93	22.79	24.67	25.21	21.57	23.52	25.86	22.78	24.71	25.64	22.51	24.47
16	25.74	22.48	24.39	25.12	20.88	23.37	26.03	22.64	24.67	25.47	22.55	24.20
17	26.10	22.52	24.79	25.54	22.80	24.43	25.69	23.10	24.61	24.54	21.04	23.37
18	26.04	22.70	24.71	25.51	22.90	24.34	25.33	22.51	24.38	24.64	21.35	23.38
19	26.41	23.28	25.04	24.95	22.04	23.79	25.31	22.21	23.99	25.37	22.77	24.20
20	26.19	23.63	24.98	25.03	21.98	23.62	24.25	20.89	22.78	25.81	23.33	24.80
21	25.96	23.59	24.97	25.38	21.83	23.90	24.94	21.07	23.04	25.87	22.98	24.46
22	26.43	23.18	24.87	25.38	21.64	23.59	25.42	21.93	24.21	26.45	22.76	24.58
23	26.48	23.12	24.87	24.16	21.25	22.88	25.17	22.28	23.75	26.46	23.34	24.92
24	26.30	23.18	24.70	25.84	20.84	23.52	25.53	21.77	24.04	25.45	22.59	24.02
25	25.59	23.09	24.44	26.42	22.12	24.11	25.40	22.37	23.99	25.57	21.57	23.83
26	25.68	22.52	24.36	26.08	22.46	24.18	26.47	22.24	24.45	26.34	22.57	24.46
27	26.16	22.81	24.41	26.20	21.65	23.71	26.45	22.89	24.54	27.17	22.74	25.35
28	26.49	21.77	24.00	25.77	21.98	23.88	25.95	21.94	24.05	25.92	22.88	24.51
29	26.14	22.72	24.24	24.74	21.18	23.06	25.90	22.51	24.40	25.87	22.07	24.24
30	25.73	22.45	24.22	26.40	21.39	23.69	25.62	20.54	23.23	25.92	22.92	24.81
31	26.54	22.41	24.50	---	---	---	24.94	19.85	23.00	26.10	22.96	24.79
MONTH	26.61	21.55	24.37	26.65	20.84	23.98	26.57	19.85	23.96	27.17	19.69	24.08

02172003 WEST BRANCH COOPER RIVER AT MONCK'S CORNER, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	26.14	22.97	24.71	26.05	22.88	24.68	25.35	21.81	23.78	25.78	22.97	24.76
2	25.78	23.32	24.87	25.97	22.72	24.69	25.54	21.36	23.63	25.18	21.55	23.50
3	26.62	23.50	25.11	25.07	21.43	23.73	25.00	22.35	23.88	25.12	22.04	23.78
4	27.18	23.91	25.70	24.96	22.61	24.21	25.41	22.20	23.99	25.74	22.04	24.27
5	26.18	23.23	24.95	25.46	22.08	24.31	25.62	21.82	23.92	25.95	22.62	24.09
6	26.49	22.51	25.13	25.75	21.99	24.48	26.08	22.33	24.15	26.02	22.35	23.95
7	26.63	23.23	25.17	25.53	22.45	24.23	25.90	21.83	23.73	26.06	22.19	23.99
8	26.46	23.10	24.82	25.45	22.29	23.97	26.00	22.26	24.05	26.05	22.74	24.61
9	26.58	23.13	25.02	26.41	22.73	25.07	26.42	22.38	24.29	25.49	22.29	23.95
10	26.02	23.19	24.81	26.07	22.10	24.10	25.38	21.02	23.30	26.18	22.15	23.86
11	25.92	22.63	24.44	26.17	22.06	24.15	25.99	21.72	23.63	25.87	22.88	24.37
12	25.58	22.17	23.88	25.41	22.71	24.12	25.53	22.47	24.14	25.92	23.28	24.78
13	25.66	22.48	24.37	25.34	21.90	23.74	25.41	22.42	24.29	25.73	22.95	24.53
14	25.95	22.07	23.85	24.97	21.16	23.07	25.63	22.74	24.40	26.56	23.09	25.05
15	25.31	23.29	24.52	24.56	20.53	23.08	25.28	22.63	24.04	26.56	23.37	25.12
16	25.66	23.08	24.68	24.92	22.25	23.91	25.10	22.70	24.19	26.47	23.19	24.93
17	26.21	24.15	25.48	25.96	23.45	24.65	25.11	22.32	23.93	25.62	22.30	24.40
18	25.82	23.37	24.88	25.31	22.57	24.03	24.69	21.44	23.50	25.77	22.41	24.38
19	25.73	22.87	24.47	25.54	22.85	24.42	24.77	21.69	23.36	25.77	22.66	24.60
20	26.09	22.83	24.64	25.54	23.42	24.72	24.99	21.50	23.44	25.72	23.01	24.55
21	25.39	22.49	23.85	24.88	20.98	23.22	26.29	22.01	24.15	26.54	22.64	24.61
22	25.29	21.84	24.05	25.04	21.03	23.19	26.65	22.87	24.61	26.00	22.93	24.47
23	26.91	22.58	24.68	26.07	21.55	23.89	26.61	22.43	24.58	26.36	22.98	24.84
24	26.58	21.62	23.63	26.32	22.52	24.42	26.38	22.70	24.81	26.27	23.22	24.84
25	26.65	21.61	24.06	26.52	22.42	24.38	25.52	22.17	24.07	26.50	23.36	25.27
26	26.33	22.57	24.74	25.89	22.27	24.33	25.58	21.98	23.78	26.48	23.14	24.63
27	26.97	23.31	25.54	26.52	22.15	24.66	25.61	21.85	23.79	25.90	23.02	24.32
28	26.62	23.47	25.06	26.41	22.25	24.42	25.65	22.00	24.26	25.68	22.69	24.11
29	---	---	---	25.59	21.36	23.72	26.07	23.71	24.92	25.63	22.93	24.22
30	---	---	---	25.31	21.50	23.52	26.13	22.72	24.87	25.61	22.77	24.29
31	---	---	---	25.36	21.67	23.84	---	---	---	25.44	23.02	24.32
MONTH	27.18	21.61	24.68	26.52	20.53	24.10	26.65	21.02	24.05	26.56	21.55	24.43

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.27	22.66	24.15	24.83	22.39	23.57	25.46	20.87	23.41	25.43	22.75	24.25
2	25.15	22.66	24.05	24.72	22.10	23.65	25.86	22.51	24.25	26.07	22.37	24.00
3	25.29	22.87	24.06	25.39	21.97	23.77	25.50	22.89	24.17	27.04	22.35	24.61
4	25.21	22.80	24.04	24.93	21.76	23.50	25.67	22.57	23.98	25.45	21.72	23.39
5	25.01	22.28	23.78	25.62	20.95	23.21	25.99	22.20	23.89	25.22	20.78	23.47
6	24.66	21.14	23.12	25.55	21.64	23.94	26.19	21.69	23.88	26.15	21.75	23.94
7	25.07	21.54	23.28	26.04	22.88	24.48	25.72	22.16	24.02	26.05	22.04	24.43
8	25.03	21.78	23.57	25.87	22.83	24.31	25.88	21.94	23.94	26.18	21.90	24.42
9	25.43	21.33	23.34	25.42	22.17	23.82	25.52	22.13	23.91	25.74	21.43	24.19
10	25.16	21.38	23.63	25.27	22.38	23.74	25.51	22.16	23.99	25.97	22.25	24.42
11	25.91	21.18	24.03	25.93	22.24	24.00	25.68	22.06	24.00	26.07	21.93	24.45
12	26.13	21.98	24.40	25.85	22.68	24.41	25.18	21.79	23.96	25.97	21.80	24.01
13	26.01	22.16	24.33	26.17	23.02	24.50	25.23	21.86	24.06	25.95	21.16	23.78
14	25.20	22.46	23.85	25.86	23.01	24.52	25.48	21.71	24.08	26.27	22.09	24.08
15	25.85	22.88	24.40	25.72	22.83	24.52	25.88	21.95	24.17	26.00	22.53	24.19
16	25.27	21.82	23.78	25.56	21.70	24.03	26.00	21.62	24.00	25.91	22.71	24.50
17	24.99	22.38	23.80	25.09	21.89	23.67	26.27	21.71	23.79	25.93	22.62	24.53
18	25.16	22.34	23.79	25.01	21.62	23.43	25.50	22.05	23.54	25.68	22.62	24.37
19	25.30	21.91	23.70	25.58	21.35	23.55	25.39	22.40	24.07	25.67	22.48	24.46
20	25.58	21.97	23.59	25.90	21.94	23.80	26.75	22.08	23.98	26.06	22.73	24.77
21	25.55	22.36	23.92	25.23	22.30	23.67	25.77	22.82	24.66	26.24	22.88	24.80
22	26.39	22.49	24.60	25.30	22.13	23.57	25.89	22.70	24.45	25.86	22.71	24.58
23	25.88	22.90	24.57	25.12	22.14	23.50	25.46	22.32	24.18	26.09	22.22	24.20
24	25.97	22.82	24.57	25.14	22.34	23.53	25.87	22.27	24.23	26.44	22.83	24.77
25	26.14	22.85	24.54	24.99	22.24	23.56	25.75	22.70	24.17	25.83	22.48	24.47
26	26.22	23.13	24.58	25.09	22.14	23.49	25.28	22.75	23.93	26.30	22.22	24.12
27	25.87	22.89	24.41	25.01	22.60	23.81	24.60	22.11	23.21	26.23	21.82	24.17
28	25.35	22.24	23.82	25.24	22.55	23.87	24.44	22.23	23.19	25.21	22.59	24.05
29	25.64	22.55	24.22	25.07	22.60	23.84	24.94	22.26	23.54	25.47	21.71	23.87
30	25.27	22.64	24.11	24.68	22.10	23.56	25.03	22.57	23.81	25.80	22.67	24.29
31	---	---	---	24.46	21.09	22.99	25.17	22.94	23.96	---	---	---
MONTH	26.39	21.14	24.00	26.17	20.95	23.80	26.75	20.87	23.95	27.04	20.78	24.25
YEAR	27.18	19.69	24.13									

COOPER RIVER BASIN

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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, Sept. 22, 1989; minimum gage height, 15.41 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.52 ft, Sept. 3; minimum gage height, 16.64 ft, Jan. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.92	18.44	20.25	21.84	19.36	20.64	21.54	18.21	20.14	21.84	16.64	19.60
2	22.11	19.06	20.56	22.45	18.96	20.61	22.50	18.45	20.57	21.79	17.79	19.94
3	21.96	19.24	20.72	21.63	18.41	20.23	22.05	18.72	20.72	21.16	17.58	19.60
4	21.92	19.18	20.59	21.35	18.07	20.05	22.19	18.79	20.54	20.89	17.21	19.31
5	21.56	18.69	20.27	21.93	18.76	20.54	21.47	18.20	19.99	21.47	17.70	19.91
6	21.84	18.42	20.40	22.02	19.39	20.72	21.08	17.97	19.62	21.69	18.75	20.26
7	21.90	18.73	20.46	22.09	19.62	20.97	21.07	17.86	19.67	21.75	18.62	20.51
8	22.34	18.75	20.52	22.28	19.08	20.74	21.48	18.10	20.17	22.30	18.84	20.86
9	22.20	18.88	20.56	22.26	19.31	20.86	21.36	18.11	20.22	22.08	19.20	20.57
10	21.94	18.89	20.43	22.68	19.81	21.19	21.68	18.24	20.30	21.45	18.23	19.87
11	22.07	18.61	20.47	22.52	19.24	20.90	22.31	18.80	20.65	22.23	17.98	20.09
12	22.66	19.16	20.76	22.36	19.36	20.94	22.41	18.69	20.91	22.35	18.26	20.36
13	22.51	19.92	21.20	22.68	19.14	21.18	22.35	19.49	20.90	22.30	19.09	20.78
14	22.92	19.57	21.29	22.75	19.49	21.18	22.76	19.13	20.98	22.25	18.68	20.87
15	22.53	19.70	21.22	21.81	18.46	20.17	22.76	19.73	21.28	22.10	19.43	20.95
16	22.42	19.39	21.04	21.63	17.83	19.96	---	---	---	22.20	19.17	20.60
17	22.66	19.42	21.31	22.06	18.80	20.63	22.40	19.57	21.08	21.20	17.95	19.86
18	22.74	19.60	21.36	22.17	19.55	20.75	21.82	18.87	20.65	21.28	17.98	19.96
19	23.08	20.01	21.62	21.58	18.73	20.30	21.48	19.04	20.38	21.74	19.67	20.73
20	22.76	20.46	21.46	21.43	18.65	20.13	20.91	17.80	19.50	21.89	20.09	21.09
21	22.50	20.39	21.43	21.40	18.65	20.22	20.81	18.12	19.57	21.80	19.74	20.94
22	22.37	19.90	21.32	21.27	18.40	20.15	21.50	18.93	20.56	22.03	19.63	20.93
23	22.11	20.02	21.30	20.80	17.87	19.59	20.97	18.97	20.10	22.65	19.90	21.40
24	22.18	20.02	21.21	21.28	17.77	19.91	21.94	18.71	20.51	22.11	19.39	20.72
25	21.98	19.92	20.90	21.91	19.01	20.45	21.79	19.19	20.54	21.92	18.42	20.40
26	22.24	19.39	20.93	22.10	19.30	20.68	22.15	19.09	20.66	22.66	19.51	21.05
27	21.98	19.60	20.85	21.66	18.56	20.14	22.17	19.75	21.05	23.25	19.64	21.78
28	22.37	18.63	20.47	22.13	18.89	20.43	22.45	18.82	20.68	22.76	19.38	20.92
29	22.20	19.59	20.89	21.35	18.09	19.77	22.59	19.39	21.04	22.56	18.78	20.83
30	22.13	19.32	20.82	22.41	18.31	20.30	21.75	17.35	19.79	22.63	19.44	21.32
31	22.66	19.28	21.03	---	---	---	20.86	16.78	19.24	22.73	19.82	21.43
MONTH	23.08	18.42	20.89	22.75	17.77	20.48	---	---	---	23.25	16.64	20.56

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEKIN ABBEY NEAR CORDESVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	22.68	19.78	21.33	22.75	19.77	21.31	22.01	18.67	20.23	22.38	19.91	21.21
2	22.35	20.25	21.35	22.65	19.40	21.17	21.68	18.27	20.15	21.86	18.47	20.23
3	22.95	20.39	21.69	21.74	18.43	20.12	21.35	18.63	20.19	21.62	18.96	20.36
4	23.06	20.43	22.12	21.66	19.53	20.49	22.07	18.85	20.46	21.94	19.13	20.75
5	21.99	19.73	21.19	21.80	18.92	20.63	21.65	18.67	20.50	22.03	19.06	20.65
6	22.68	19.32	21.41	22.03	18.92	20.83	22.22	19.21	20.71	22.13	19.14	20.46
7	22.77	20.12	21.71	22.03	19.36	20.84	21.80	18.68	20.32	22.24	19.22	20.52
8	22.64	20.00	21.48	22.06	19.19	20.69	21.77	19.14	20.50	22.01	19.60	20.90
9	22.97	20.05	21.61	22.51	19.51	21.19	22.08	19.17	20.66	22.21	18.97	20.52
10	22.68	20.10	21.44	21.65	18.86	20.30	21.77	17.94	19.78	22.60	19.01	20.53
11	22.45	19.54	21.07	22.39	18.70	20.58	22.54	18.62	20.31	22.65	19.55	20.99
12	22.16	18.87	20.40	22.01	19.06	20.57	22.25	19.32	20.80	22.65	19.97	21.27
13	22.14	18.77	20.64	21.83	18.78	20.40	22.08	19.29	20.84	22.42	19.83	21.13
14	21.90	18.77	20.41	21.51	18.06	19.78	22.25	19.34	20.89	22.63	20.03	21.56
15	22.07	19.70	20.96	21.42	17.45	19.62	21.92	19.25	20.49	22.82	20.27	21.65
16	22.36	19.97	21.30	21.55	19.08	20.32	21.78	19.50	20.54	22.73	20.06	21.44
17	22.75	20.91	21.86	21.93	19.81	20.91	21.78	19.18	20.34	22.25	19.19	20.94
18	22.36	20.04	21.12	21.98	19.42	20.55	21.37	18.34	20.03	21.92	19.44	20.85
19	21.50	19.64	20.73	22.10	19.71	20.88	21.41	18.57	20.06	22.41	19.70	21.07
20	21.62	19.64	20.90	21.91	20.07	21.01	21.30	18.41	20.01	22.18	19.51	20.98
21	21.45	19.09	20.42	21.55	17.88	19.91	22.22	18.94	20.75	22.29	19.30	20.94
22	21.89	18.73	20.61	20.80	18.12	19.73	22.59	19.57	21.19	22.67	19.39	21.09
23	23.00	19.43	21.25	21.91	18.43	20.48	22.73	19.36	21.13	22.93	19.90	21.37
24	21.93	18.47	20.19	22.37	19.32	20.93	22.86	19.63	21.32	22.95	19.97	21.35
25	22.63	18.47	20.60	22.55	19.32	20.91	22.31	19.08	20.71	23.01	20.05	21.56
26	23.08	19.46	21.30	22.46	19.17	20.92	22.20	18.71	20.44	22.94	19.39	21.13
27	23.49	20.09	21.97	22.73	19.07	21.07	22.20	18.78	20.37	22.56	19.21	20.79
28	23.38	20.09	21.72	22.51	19.14	20.94	22.28	18.98	20.82	22.30	19.04	20.67
29	---	---	---	22.12	18.25	20.34	22.76	20.09	21.33	22.27	19.29	20.79
30	---	---	---	21.94	17.95	20.08	22.48	19.87	21.28	22.25	19.37	20.84
31	---	---	---	21.99	18.59	20.31	---	---	---	22.09	19.60	20.85
MONTH	23.49	18.47	21.17	22.75	17.45	20.57	22.86	17.94	20.57	23.01	18.47	20.95

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	21.93	19.24	20.65	21.26	18.49	20.06	21.94	17.79	20.11	22.26	19.33	20.78
2	21.81	19.28	20.58	21.45	18.91	20.24	22.42	19.36	20.99	22.49	18.73	20.59
3	21.97	19.30	20.62	21.93	18.64	20.30	22.26	19.55	20.85	23.52	19.32	21.12
4	21.93	19.29	20.62	21.62	18.69	20.27	22.28	19.25	20.66	22.09	17.81	19.90
5	21.71	19.13	20.49	21.85	17.95	19.92	22.46	18.99	20.57	21.94	17.78	20.03
6	21.38	18.14	19.89	22.25	18.62	20.37	22.59	18.67	20.57	22.07	18.75	20.54
7	21.88	18.52	19.98	22.61	19.70	20.91	22.55	19.11	20.66	22.25	19.01	20.87
8	21.73	18.73	20.11	22.18	19.47	20.82	22.35	18.88	20.61	---	---	---
9	21.98	18.35	19.94	21.96	18.72	20.40	22.32	18.97	20.54	---	---	---
10	21.78	18.35	20.09	22.00	18.87	20.37	22.15	19.12	20.63	22.24	19.22	21.00
11	22.00	18.16	20.38	22.61	19.08	20.67	22.18	19.02	20.67	22.38	18.91	20.96
12	22.09	18.96	20.77	22.61	19.64	21.11	21.86	18.76	20.54	22.39	18.76	20.70
13	22.03	18.91	20.70	22.52	19.79	21.17	21.87	18.78	20.62	22.25	18.27	20.44
14	21.89	18.99	20.44	22.41	19.81	21.19	22.14	18.67	20.73	22.60	18.71	20.67
15	22.10	19.26	20.73	22.43	19.80	21.15	22.03	18.93	20.75	22.47	19.18	20.79
16	21.66	18.54	20.27	21.88	18.68	20.62	22.28	18.58	20.64	22.59	19.62	20.95
17	21.63	18.78	20.25	21.79	18.65	20.24	22.30	18.28	20.44	22.61	19.53	20.95
18	21.87	18.82	20.40	21.74	18.48	20.05	21.97	18.29	20.15	22.17	19.52	20.90
19	22.01	18.70	20.36	22.04	18.36	20.21	22.07	19.07	20.52	22.35	19.40	20.99
20	22.11	18.40	20.26	22.28	18.67	20.34	22.90	19.04	20.64	22.44	19.64	21.20
21	22.21	18.99	20.54	21.91	18.29	20.24	22.51	19.78	21.18	22.46	19.79	21.29
22	22.86	19.30	20.91	21.91	18.21	20.11	22.43	19.64	21.03	22.46	19.59	21.03
23	22.57	19.46	20.93	21.82	18.21	20.05	22.28	19.27	20.73	22.45	19.15	20.86
24	22.52	19.59	21.00	21.78	18.40	20.06	22.23	19.20	20.78	22.40	19.74	21.27
25	22.52	19.64	21.06	21.67	18.55	20.11	22.06	19.22	20.75	22.23	19.37	20.99
26	22.63	19.84	21.12	21.80	18.46	20.05	22.01	19.17	20.52	22.28	19.11	20.72
27	22.39	19.53	20.95	21.67	19.01	20.45	20.90	18.09	19.62	22.20	18.73	20.63
28	22.04	19.06	20.49	21.91	19.17	20.50	21.14	18.09	19.63	21.59	18.94	20.53
29	22.18	19.30	20.79	21.83	18.95	20.45	21.54	18.45	20.06	21.96	18.63	20.47
30	21.95	19.23	20.65	21.35	18.77	20.14	21.71	18.93	20.41	22.46	19.19	20.84
31	---	---	---	21.23	17.49	19.65	21.83	19.16	20.54	---	---	---
MONTH	22.86	18.14	20.53	22.61	17.49	20.39	22.90	17.79	20.55	---	---	---

COOPER RIVER BASIN

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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 current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1982 to September 1985, April 1989 to current year.

INSTRUMENTATION.--Data collection platform and mini-monitor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 369 microsiemens, June 19, 1983; minimum, 48 microsiemens, May 25, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum, 120 microsiemens, Aug. 10; minimum, 53 microsiemens, Feb. 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	93	84	89	92	87	89	104	95	98	110	102	105
2	92	86	89	95	88	91	100	95	97	114	103	107
3	95	86	90	93	88	90	98	94	95	114	103	106
4	95	91	92	93	88	90	95	94	95	113	103	107
5	95	91	93	91	88	89	101	95	96	114	103	108
6	95	89	92	91	88	89	101	95	97	115	107	109
7	93	90	91	90	89	90	104	96	99	112	107	110
8	93	90	91	91	89	90	100	97	99	110	108	109
9	93	90	91	93	91	92	101	98	99	116	107	110
10	93	91	92	94	90	92	106	100	101	115	107	110
11	94	92	93	95	90	92	106	100	103	115	98	107
12	95	91	93	96	90	91	103	100	101	109	100	104
13	99	91	93	93	90	90	103	100	101	114	107	111
14	95	90	92	93	90	91	---	---	---	115	110	113
15	93	90	91	95	90	92	---	---	---	114	109	113
16	96	91	93	96	91	94	---	---	---	113	106	112
17	99	91	93	94	89	92	107	101	103	119	108	113
18	97	90	92	92	89	90	109	102	105	117	109	113
19	96	91	92	92	90	91	109	103	105	113	108	111
20	94	91	92	94	91	92	110	104	106	116	108	112
21	94	91	92	94	91	92	110	105	107	113	105	110
22	93	90	92	95	91	92	108	105	107	111	102	108
23	93	90	91	96	92	94	108	104	106	112	104	108
24	92	90	91	97	93	95	107	103	105	105	82	98
25	93	90	91	97	92	93	108	94	103	89	72	79
26	93	90	91	96	92	93	104	88	98	106	85	95
27	95	90	91	98	92	94	104	92	99	104	93	99
28	95	90	93	96	92	93	103	90	97	108	91	101
29	95	90	92	95	92	93	99	91	97	106	94	101
30	94	90	92	103	93	96	104	89	99	107	94	101
31	92	89	90	---	---	---	105	94	100	109	101	104
MONTH	99	84	92	103	87	92	---	---	---	119	72	106

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEKIN ABBEY NEAR CORDESVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	108	98	103	81	73	76	71	66	68	76	70	71
2	105	101	103	82	74	76	75	67	70	76	70	72
3	107	103	105	84	73	76	69	66	68	76	71	74
4	105	86	101	82	69	74	73	66	68	77	71	74
5	98	78	93	73	69	70	73	66	68	77	71	73
6	98	83	93	72	69	70	70	65	67	77	71	73
7	99	88	95	70	69	70	76	65	67	75	71	72
8	96	89	94	72	69	70	70	65	67	80	70	72
9	99	89	94	78	68	72	72	65	67	78	69	74
10	110	91	97	75	64	69	74	65	68	77	70	73
11	100	92	94	73	64	67	74	66	69	78	71	74
12	98	92	95	73	64	68	75	66	68	78	71	73
13	95	89	93	74	66	69	74	67	68	75	70	72
14	96	89	91	78	66	69	69	65	66	76	70	72
15	94	86	90	77	68	71	75	64	66	75	70	72
16	90	84	86	80	68	72	75	66	69	75	70	72
17	90	59	80	72	68	69	72	69	70	75	72	73
18	75	53	66	71	68	69	72	70	71	76	71	73
19	77	64	71	76	67	71	76	71	72	75	70	73
20	82	67	74	74	64	68	85	71	75	74	70	72
21	84	73	77	69	65	67	83	72	77	74	69	72
22	79	73	76	70	65	67	76	70	73	73	69	71
23	81	74	76	73	66	69	75	70	71	75	70	73
24	82	69	74	72	68	69	74	69	71	76	71	73
25	81	71	76	73	68	70	74	69	71	75	70	72
26	82	73	76	77	68	71	76	71	73	75	70	72
27	79	73	75	75	68	71	78	71	74	77	71	73
28	81	72	76	75	67	70	80	71	75	76	71	73
29	---	---	---	75	66	69	77	69	72	78	72	74
30	---	---	---	77	68	71	71	69	70	77	73	74
31	---	---	---	75	67	70	---	---	---	82	73	76
MONTH	110	53	87	84	64	70	85	64	70	82	69	73

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	78	73	75	79	72	75	83	79	81	91	84	86
2	79	73	75	77	69	74	85	77	81	89	83	86
3	77	73	75	82	73	76	84	78	80	88	82	84
4	78	73	75	79	73	76	86	77	80	94	82	87
5	78	74	75	82	74	77	93	77	82	97	86	91
6	79	74	76	85	75	79	104	77	84	104	87	91
7	84	75	78	77	74	75	116	77	85	120	88	97
8	86	77	80	78	74	75	116	76	83	---	---	---
9	87	74	77	78	74	76	115	77	85	---	---	---
10	81	73	75	81	75	77	120	78	87	99	83	87
11	79	72	75	85	74	78	89	76	82	94	82	87
12	80	72	75	83	74	79	106	79	88	99	79	87
13	81	73	75	83	77	79	108	80	85	98	82	89
14	82	73	76	85	76	79	89	80	83	102	83	90
15	81	72	75	83	77	79	104	80	87	103	81	88
16	82	72	75	83	77	79	92	79	84	104	83	87
17	87	72	76	88	78	81	95	79	84	89	85	87
18	82	73	76	85	77	81	92	79	83	89	85	87
19	80	73	76	83	77	80	85	79	81	92	87	89
20	84	73	78	87	79	83	88	77	81	93	86	88
21	83	75	79	81	76	78	104	77	83	93	84	87
22	82	71	76	81	76	78	85	77	79	89	84	86
23	76	71	73	80	76	77	86	78	81	92	87	89
24	76	71	73	82	76	78	86	77	81	94	87	90
25	76	72	73	82	76	78	93	76	80	92	86	89
26	77	73	74	82	76	79	82	77	79	91	86	88
27	78	72	74	85	76	79	87	78	80	92	85	88
28	77	73	74	87	76	78	89	79	82	90	87	88
29	80	73	75	85	77	80	95	81	88	91	89	90
30	79	72	75	84	77	80	91	84	88	96	90	91
31	---	---	---	84	78	80	92	84	88	---	---	---
MONTH	87	71	75	88	69	78	120	76	83	---	---	---

COOPER RIVER BASIN

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S 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, Sept. 5, 1987; minimum gage height, 6.85 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.93 ft, Feb. 27; minimum gage height, 8.18 ft, Jan. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.38	10.00	11.74	13.29	10.77	12.10	12.90	9.76	11.58	13.21	8.18	11.01
2	13.64	10.64	12.05	13.82	10.49	12.04	13.97	9.99	12.01	13.23	9.00	11.31
3	13.40	10.82	12.19	13.08	9.95	11.68	13.49	10.25	12.15	12.67	9.07	11.02
4	13.38	10.72	12.05	12.85	9.58	11.49	13.68	10.31	11.96	12.30	8.73	10.76
5	13.02	10.24	11.73	13.44	10.16	11.97	12.96	9.57	11.38	12.83	9.21	11.31
6	13.21	9.96	11.82	13.48	10.95	12.17	12.55	9.42	11.07	13.08	10.15	11.65
7	13.32	10.21	11.89	13.57	11.15	12.40	12.53	9.25	11.12	13.09	10.12	11.91
8	13.73	10.13	11.96	13.67	10.62	12.20	12.89	9.71	11.59	13.69	10.32	12.25
9	13.66	10.35	12.01	13.65	10.86	12.33	12.81	9.64	11.67	13.47	10.67	11.96
10	13.37	10.33	11.89	14.11	11.34	12.63	13.12	9.76	11.76	12.87	9.69	11.32
11	13.51	10.12	11.94	13.91	10.77	12.36	13.67	10.29	12.08	13.61	9.48	11.54
12	14.07	10.69	12.23	13.77	10.87	12.38	13.82	10.19	12.33	13.71	9.76	11.79
13	13.96	11.37	12.65	14.11	10.65	12.62	13.81	10.99	12.37	13.68	10.58	12.18
14	14.39	11.11	12.72	14.18	11.01	12.61	14.23	10.65	12.43	13.64	10.19	12.26
15	14.07	11.21	12.66	13.20	9.96	11.62	14.23	11.26	12.73	13.60	10.94	12.37
16	13.89	10.92	12.51	13.07	9.35	11.41	13.94	11.08	12.63	13.62	10.45	12.01
17	14.15	10.95	12.74	13.49	10.09	12.03	13.87	10.99	12.49	12.65	9.47	11.28
18	14.20	11.13	12.81	13.63	10.81	12.17	13.25	10.18	12.03	12.70	9.51	11.39
19	14.51	11.54	13.06	13.04	10.22	11.74	12.91	10.55	11.77	13.15	11.16	12.15
20	14.21	11.86	12.89	12.89	10.16	11.58	12.34	9.33	10.95	13.31	11.67	12.47
21	13.97	11.80	12.86	12.84	10.17	11.65	12.23	9.54	11.01	13.12	11.17	12.34
22	13.81	11.37	12.74	12.74	9.91	11.60	12.95	10.56	11.96	13.37	11.13	12.33
23	13.57	11.55	12.73	12.26	9.34	11.08	12.41	10.33	11.49	14.08	11.24	12.80
24	13.58	11.58	12.65	12.63	9.32	11.36	13.34	10.19	11.93	13.54	10.87	12.16
25	13.39	11.29	12.33	13.28	10.52	11.88	13.21	10.70	11.95	13.31	9.92	11.82
26	13.68	10.93	12.38	13.49	10.84	12.11	13.49	10.57	12.04	14.06	10.89	12.48
27	13.35	11.07	12.28	13.00	10.09	11.58	13.60	11.24	12.45	14.63	11.13	13.18
28	13.78	10.14	11.93	13.54	10.42	11.87	13.85	10.29	12.11	14.06	10.64	12.31
29	13.62	11.12	12.35	12.81	9.64	11.26	14.02	10.88	12.47	13.98	10.25	12.24
30	13.65	10.85	12.28	13.78	9.84	11.77	13.02	8.86	11.20	14.07	10.93	12.73
31	14.06	10.82	12.47	---	---	---	12.31	8.30	10.64	14.16	11.31	12.85
MONTH	14.51	9.96	12.34	14.18	9.32	11.92	14.23	8.30	11.85	14.63	8.18	11.97

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.16	11.20	12.74	14.15	11.19	12.73	13.44	10.08	11.64	13.81	11.40	12.60
2	13.79	11.68	12.75	14.06	10.79	12.58	13.12	9.79	11.56	13.29	9.99	11.67
3	14.28	11.89	13.11	13.15	9.77	11.52	12.76	10.01	11.58	13.03	10.45	11.78
4	14.47	11.79	13.51	13.07	10.91	11.88	13.49	10.24	11.86	13.24	10.80	12.14
5	13.42	11.06	12.56	13.24	10.41	12.01	13.01	10.18	11.93	13.41	10.49	12.07
6	14.12	10.81	12.81	13.42	10.46	12.23	13.57	10.71	12.13	13.48	10.48	11.87
7	14.21	11.61	13.13	13.47	10.87	12.27	13.12	10.18	11.76	13.62	10.71	11.94
8	14.07	11.50	12.93	13.48	10.69	12.14	13.07	10.64	11.90	---	---	---
9	14.39	11.54	13.04	13.90	10.99	12.57	13.42	10.65	12.06	---	---	---
10	14.09	11.59	12.87	13.01	10.32	11.67	13.17	9.47	11.21	---	---	---
11	13.91	11.04	12.51	13.80	10.09	11.98	13.96	10.12	11.77	---	---	---
12	13.55	10.25	11.82	13.44	10.51	11.97	13.68	10.83	12.24	14.07	11.45	12.67
13	13.63	10.21	12.04	13.20	10.29	11.84	13.56	10.78	12.26	13.85	11.36	12.54
14	13.42	10.21	11.84	12.91	9.58	11.24	13.68	10.82	12.29	14.06	11.53	12.96
15	13.49	11.02	12.38	12.89	9.01	11.05	13.37	10.61	11.89	14.24	11.77	13.06
16	13.79	11.47	12.73	13.00	10.39	11.74	13.20	10.81	11.93	14.16	11.57	12.84
17	14.17	12.34	13.26	13.38	11.19	12.30	13.19	10.69	11.74	13.67	10.73	12.35
18	13.78	11.49	12.49	13.42	10.73	11.98	12.76	9.85	11.45	13.31	10.91	12.25
19	12.93	11.12	12.11	13.51	11.17	12.27	12.84	10.09	11.51	13.82	11.11	12.47
20	13.06	11.13	12.28	13.32	11.45	12.38	12.67	9.95	11.44	13.61	10.81	12.37
21	12.89	10.45	11.84	12.98	9.42	11.35	13.62	10.45	12.18	13.70	10.74	12.32
22	13.31	10.22	12.05	12.21	9.77	11.16	13.92	11.06	12.60	14.08	10.82	12.51
23	14.36	10.90	12.69	13.27	9.95	11.92	14.13	10.85	12.55	14.34	11.40	12.78
24	13.35	9.99	11.63	13.70	10.82	12.34	14.25	11.13	12.73	14.35	11.39	12.74
25	14.01	9.97	12.03	13.92	10.82	12.33	13.75	10.57	12.13	14.41	11.50	12.92
26	14.53	10.96	12.72	13.86	10.66	12.35	13.68	10.12	11.87	14.27	10.78	12.51
27	14.93	11.58	13.37	14.11	10.57	12.46	13.58	10.28	11.78	14.00	10.56	12.17
28	14.86	11.57	13.14	13.91	10.64	12.34	13.77	10.45	12.23	13.73	10.41	12.06
29	---	---	---	13.56	9.76	11.76	14.19	11.33	12.71	13.68	10.70	12.19
30	---	---	---	13.35	9.44	11.51	13.90	11.25	12.67	13.67	10.77	12.24
31	---	---	---	13.40	10.11	11.71	---	---	---	13.50	10.94	12.24
MONTH	14.93	9.97	12.59	14.15	9.01	11.99	14.25	9.47	11.99	---	---	---

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13.33	10.66	12.04	12.76	9.82	11.46	13.33	9.36	11.55	13.65	10.77	12.16
2	13.21	10.64	11.98	12.86	10.28	11.66	13.79	10.89	12.42	13.84	10.15	11.99
3	13.37	10.68	12.03	13.31	10.12	11.72	13.71	10.96	12.28	14.90	10.78	12.52
4	13.34	10.67	12.03	13.04	10.24	11.73	13.67	10.58	12.09	13.35	8.92	11.28
5	13.10	10.65	11.92	13.18	9.47	11.38	13.82	10.44	12.01	13.30	9.26	11.42
6	12.81	9.67	11.36	13.68	10.14	11.79	13.95	10.20	12.00	13.48	10.20	11.93
7	13.30	10.03	11.44	13.99	11.16	12.29	13.92	10.58	12.08	13.67	10.48	12.22
8	13.14	10.23	11.53	13.59	10.90	12.20	13.79	10.36	12.03	13.67	10.33	12.14
9	13.31	9.82	11.36	13.37	10.09	11.80	13.76	10.20	11.96	13.58	9.91	12.08
10	13.19	9.87	11.47	13.47	10.28	11.78	13.63	10.61	12.04	13.64	10.69	12.35
11	13.45	9.69	11.75	14.09	10.58	12.10	13.56	10.51	12.08	13.72	10.36	12.29
12	13.49	10.45	12.13	14.12	11.15	12.53	13.28	10.26	11.95	13.73	10.24	12.07
13	13.44	10.42	12.05	13.96	11.27	12.58	13.27	10.26	12.02	13.58	9.76	11.82
14	13.29	10.43	11.83	13.83	11.28	12.59	13.56	10.16	12.13	13.95	10.05	12.05
15	13.51	10.65	12.08	13.84	11.25	12.54	13.43	10.44	12.16	13.89	10.44	12.20
16	13.05	9.99	11.64	13.32	10.19	12.01	13.65	10.10	12.04	14.00	11.13	12.36
17	13.02	10.04	11.61	13.22	9.95	11.65	13.61	9.79	11.85	14.06	11.04	12.36
18	13.27	10.16	11.80	13.12	9.69	11.47	13.25	9.66	11.56	13.60	11.04	12.31
19	---	---	---	13.36	9.82	11.64	13.45	10.50	11.86	13.79	10.90	12.40
20	---	---	---	13.56	9.91	11.74	14.23	10.52	12.05	13.88	11.14	12.59
21	---	---	---	13.30	9.63	11.63	13.88	11.26	12.55	13.90	11.30	12.69
22	---	---	---	13.35	9.51	11.49	13.74	11.11	12.39	13.84	11.10	12.41
23	14.00	10.92	12.30	13.22	9.53	11.43	13.74	10.75	12.10	13.79	10.64	12.29
24	13.95	11.04	12.37	13.08	9.68	11.45	13.70	10.69	12.15	13.76	11.26	12.66
25	13.95	11.11	12.45	13.08	9.90	11.50	13.37	10.65	12.12	13.61	10.89	12.40
26	14.05	11.22	12.51	13.18	9.82	11.44	13.39	10.39	11.91	13.61	10.64	12.14
27	13.81	10.98	12.34	13.08	10.44	11.86	12.29	9.45	10.98	13.56	10.25	12.03
28	13.45	10.52	11.91	13.31	10.58	11.90	12.52	9.40	11.01	13.04	10.32	11.94
29	13.62	10.74	12.20	13.22	10.38	11.85	12.94	9.78	11.44	13.42	10.14	11.90
30	13.35	10.71	12.05	12.76	10.15	11.54	13.08	10.32	11.79	13.88	10.62	12.28
31	---	---	---	12.68	8.95	11.08	13.23	10.47	11.93	---	---	---
MONTH	---	---	---	14.12	8.95	11.80	14.23	9.36	11.95	14.90	8.92	12.18

COOPER RIVER BASIN

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S 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, Sept 17, 1985; minimum, 40 microsiemens, Sept. 7, 1987.

pH: Maximum, 8.4 units, July 26, 27, 1988; minimum, 5.6 units, Sept. 7, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 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, Sept. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 138 microsiemens, Aug. 10; minimum, 62 microsiemens, Feb. 18.

WATER TEMPERATURE: Maximum, 31.5°C, July 10; minimum, 8.0°C, Jan. 1, 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	91	87	89	89	87	88	105	96	99	105	97	102
2	91	87	89	91	87	89	101	94	96	107	103	105
3	91	86	89	90	87	88	98	93	95	108	105	106
4	92	89	90	90	87	88	97	95	96	108	105	107
5	92	89	90	88	85	87	99	95	96	110	106	108
6	92	88	90	88	86	87	---	---	---	112	108	109
7	90	88	89	89	87	88	---	---	---	116	109	112
8	90	88	89	89	87	88	---	---	---	111	108	110
9	90	88	89	92	88	90	---	---	---	116	110	111
10	90	88	89	95	89	91	---	---	---	113	104	110
11	97	88	91	93	88	90	---	---	---	114	100	107
12	114	89	93	95	88	91	---	---	---	110	102	105
13	99	89	92	94	87	89	---	---	---	114	107	110
14	99	88	91	91	88	89	---	---	---	119	112	115
15	93	87	89	94	88	90	---	---	---	121	112	115
16	105	88	92	92	90	91	---	---	---	121	112	114
17	113	89	95	93	87	89	---	---	---	122	110	114
18	99	88	92	88	86	87	---	---	---	115	111	113
19	103	88	93	90	87	88	114	104	107	116	109	113
20	99	89	92	91	88	90	109	105	107	115	109	112
21	97	88	92	92	90	91	109	105	107	113	108	110
22	94	89	90	93	90	91	108	105	107	115	108	110
23	91	88	89	93	91	92	107	105	106	115	104	109
24	91	88	89	95	92	93	107	104	105	108	96	102
25	91	88	89	94	90	92	105	101	104	96	76	83
26	92	88	90	92	90	91	104	97	100	98	76	89
27	92	88	89	93	91	92	104	98	102	100	90	97
28	92	89	90	93	91	92	100	96	98	111	94	101
29	92	89	90	97	91	93	99	95	97	104	96	100
30	91	89	90	101	93	96	100	92	96	102	95	98
31	91	88	90	---	---	---	104	94	99	105	98	101
MONTH	114	86	90	101	85	90	---	---	---	122	76	106

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	107	99	101	78	75	77	77	71	74	74	72	73
2	111	99	103	78	77	78	74	71	73	76	72	74
3	110	104	106	79	76	78	75	69	72	77	73	75
4	108	96	104	79	76	77	72	69	71	79	74	77
5	98	87	93	---	---	---	73	71	72	75	74	74
6	97	87	91	---	---	---	72	70	71	77	74	76
7	97	90	94	77	75	76	72	69	71	77	73	76
8	95	90	93	77	75	76	72	70	71	75	73	74
9	94	92	93	83	76	78	71	69	70	76	73	74
10	95	91	93	---	---	---	73	69	71	76	74	75
11	95	93	94	---	---	---	73	70	72	76	73	74
12	97	93	94	71	69	70	72	70	71	75	73	74
13	97	93	95	73	70	71	72	70	71	75	72	73
14	94	90	92	73	70	71	72	69	71	75	72	73
15	92	88	90	74	70	72	71	69	70	75	72	73
16	91	85	88	76	73	74	72	69	71	74	72	73
17	87	77	82	76	72	74	72	70	71	74	72	73
18	77	62	71	74	72	73	73	70	72	75	73	74
19	76	65	70	74	71	72	74	71	72	75	73	74
20	---	---	---	74	69	72	76	72	74	75	73	74
21	---	---	---	71	67	70	79	76	77	74	72	73
22	---	---	---	71	68	70	77	73	75	74	72	73
23	79	74	76	72	68	70	74	71	73	75	72	74
24	77	74	76	73	71	72	74	71	72	76	73	74
25	78	74	76	73	71	72	75	71	73	76	73	74
26	79	75	77	74	71	73	77	72	74	75	72	74
27	79	76	77	74	72	73	78	74	77	76	73	74
28	78	76	77	74	72	73	86	76	79	76	74	75
29	---	---	---	74	72	73	84	74	76	76	74	75
30	---	---	---	76	73	75	76	71	73	76	74	75
31	---	---	---	78	72	75	---	---	---	76	74	75
MONTH	---	---	---	---	---	---	86	69	73	79	72	74
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	76	74	75	76	72	74	83	79	80	84	81	83
2	77	74	76	76	73	74	82	78	80	84	82	83
3	77	75	76	77	73	75	82	78	80	84	81	83
4	77	74	76	77	73	75	86	77	80	86	81	83
5	80	76	78	79	74	76	104	78	84	97	84	89
6	80	76	78	80	75	78	112	78	89	105	87	92
7	82	76	79	78	74	76	112	78	90	125	88	98
8	85	81	83	77	75	75	121	77	93	101	85	90
9	86	77	82	77	75	76	127	79	95	98	84	88
10	83	76	79	78	76	77	138	77	93	99	85	89
11	80	74	76	82	75	78	106	80	90	98	84	89
12	76	74	75	81	74	77	133	80	96	92	84	87
13	77	74	75	85	76	80	129	81	92	96	86	89
14	77	74	75	85	77	80	102	82	87	93	87	90
15	77	72	75	86	76	80	110	81	91	90	87	88
16	75	72	74	86	77	80	---	---	---	90	86	88
17	75	73	74	81	77	78	---	---	---	89	85	87
18	76	73	74	86	77	80	96	81	85	90	86	88
19	77	73	75	88	79	82	89	78	82	92	87	89
20	79	74	76	88	80	83	88	78	82	93	87	89
21	82	76	79	82	77	79	86	78	81	91	86	88
22	84	72	78	80	76	78	82	77	79	90	85	87
23	75	71	73	80	76	77	85	78	81	92	88	89
24	74	72	73	79	75	77	84	79	80	93	89	91
25	75	73	74	79	76	77	82	78	80	92	89	90
26	76	73	74	78	75	77	81	78	80	92	87	90
27	76	73	75	79	75	77	82	78	80	92	89	90
28	76	73	75	78	74	76	83	80	81	91	88	90
29	77	75	76	81	76	79	84	81	83	93	90	91
30	78	74	76	81	77	79	84	81	83	95	91	92
31	---	---	---	81	77	79	84	82	83	---	---	---
MONTH	86	71	76	88	72	78	---	---	---	125	81	89

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.5	24.0	19.0	18.0	18.5	14.5	14.0	14.5	9.0	8.0	8.5
2	24.0	23.0	23.5	19.0	18.5	18.5	14.0	13.5	13.5	9.0	8.0	8.5
3	23.5	22.5	23.0	18.5	18.0	18.0	14.5	13.0	13.5	9.5	8.5	9.0
4	24.0	23.0	23.5	18.0	17.0	17.5	14.0	13.5	14.0	10.0	9.0	9.5
5	24.5	23.0	23.5	17.5	17.0	17.0	13.5	13.0	13.5	11.5	10.0	10.5
6	24.5	23.5	24.0	17.5	17.0	17.0	13.0	12.0	12.5	11.0	10.0	10.5
7	24.0	23.0	23.5	17.0	16.5	17.0	12.0	11.0	11.5	11.0	9.5	10.5
8	24.0	23.5	24.0	16.5	16.5	16.5	11.5	11.0	11.5	12.0	11.0	11.5
9	24.0	23.5	24.0	16.5	16.0	16.0	11.5	11.0	11.5	11.5	10.5	11.0
10	24.0	23.5	23.5	16.5	16.0	16.5	12.5	11.0	11.5	11.5	10.5	11.0
11	24.0	23.5	24.0	17.0	16.0	16.5	12.5	12.0	12.0	11.5	10.5	11.0
12	24.0	24.0	24.0	16.5	16.0	16.0	12.0	11.5	12.0	11.5	10.5	11.0
13	24.0	23.5	23.5	16.0	15.5	15.5	11.5	11.5	11.5	11.0	10.5	10.5
14	24.0	23.5	24.0	15.5	15.0	15.5	11.5	10.5	11.0	10.5	10.0	10.5
15	23.5	23.0	23.5	15.5	15.0	15.0	10.5	9.5	10.0	10.0	10.0	10.0
16	23.0	22.0	22.0	15.0	14.5	14.5	10.0	9.5	9.5	10.0	10.0	10.0
17	22.0	21.0	21.5	14.5	13.5	14.0	10.0	9.5	9.5	10.5	10.0	10.0
18	21.5	21.0	21.0	14.0	13.5	13.5	10.0	9.0	9.5	10.0	9.5	10.0
19	21.0	20.0	20.5	13.5	13.0	13.5	10.0	9.5	9.5	10.0	9.5	9.5
20	21.0	20.0	20.5	13.0	12.5	13.0	10.5	9.5	9.5	10.0	9.0	9.5
21	21.0	20.0	20.5	13.5	13.0	13.0	10.5	10.0	10.0	10.5	9.0	10.0
22	20.5	19.5	20.0	14.5	13.5	14.0	10.5	10.0	10.5	10.5	10.0	10.5
23	19.5	19.0	19.5	15.0	14.0	14.5	10.5	10.0	10.0	11.5	10.5	11.0
24	19.5	19.0	19.0	15.0	13.5	14.5	10.5	10.0	10.5	12.0	11.5	11.5
25	20.0	19.0	19.5	13.5	13.0	13.5	12.0	10.5	11.0	12.0	11.0	11.5
26	20.0	19.5	20.0	13.5	13.0	13.5	11.5	11.5	11.5	11.5	11.0	11.0
27	20.0	19.0	20.0	14.0	13.5	13.5	11.5	10.5	11.0	11.5	10.5	11.0
28	19.0	18.5	18.5	14.0	13.5	13.5	10.5	10.0	10.5	10.5	10.0	10.5
29	18.5	18.0	18.0	14.0	13.5	14.0	10.5	10.0	10.0	11.0	10.0	10.5
30	18.0	17.5	18.0	14.5	14.0	14.0	10.0	9.0	9.0	11.0	10.0	10.5
31	18.0	18.0	18.0	---	---	---	9.0	8.5	9.0	11.0	10.0	10.5
MONTH	24.5	17.5	21.7	19.0	12.5	15.3	14.5	8.5	11.1	12.0	8.0	10.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	9.5	10.0	14.5	13.5	14.0	18.5	15.5	17.0	20.5	19.0	19.5
2	10.5	9.5	10.0	14.5	13.5	14.0	17.5	15.5	16.0	21.0	19.5	20.0
3	11.0	10.0	10.5	13.5	12.5	13.0	16.5	15.5	16.0	21.5	20.5	20.5
4	11.0	10.5	11.0	13.0	12.0	12.5	17.5	15.5	16.0	20.5	20.0	20.5
5	10.5	10.0	10.5	13.0	12.5	12.5	17.5	16.0	16.5	22.0	20.0	21.0
6	10.5	10.0	10.0	12.5	12.5	12.5	18.0	16.5	17.5	22.0	20.5	21.5
7	10.5	9.5	10.0	13.0	12.5	12.5	18.5	17.0	18.0	22.0	21.0	21.5
8	9.5	9.0	9.5	14.0	12.5	13.0	18.5	17.5	18.0	21.5	21.0	21.5
9	10.0	9.0	9.5	15.5	14.0	14.5	18.0	17.5	17.5	22.5	21.0	21.5
10	10.5	9.0	10.0	14.0	13.0	13.5	18.0	17.0	17.5	23.0	22.0	22.5
11	10.5	9.5	10.0	13.0	12.0	12.5	18.0	16.5	17.5	23.0	22.0	22.5
12	11.5	10.5	11.0	12.5	11.0	11.5	18.0	17.0	17.5	23.0	21.5	22.5
13	11.0	10.0	10.5	11.5	10.5	11.0	18.5	17.5	18.0	23.5	22.0	23.0
14	11.0	10.0	10.5	12.0	10.5	11.5	18.5	17.0	17.5	24.0	22.5	23.0
15	10.5	10.0	10.0	13.5	11.5	12.5	17.5	16.5	17.0	24.0	22.5	23.5
16	11.0	10.0	10.5	13.5	12.0	13.0	19.0	17.5	18.0	24.0	22.5	23.5
17	13.0	11.0	12.0	13.0	11.0	12.0	19.5	18.5	19.0	24.0	23.0	23.5
18	14.0	12.5	13.0	12.0	11.0	11.5	19.5	18.5	19.0	24.5	23.5	24.0
19	13.5	12.5	13.0	14.0	12.0	13.0	20.5	19.0	20.0	25.5	23.5	24.0
20	13.5	12.5	13.0	15.5	14.0	14.0	21.5	19.5	20.5	24.5	23.5	24.0
21	13.5	12.0	13.0	14.0	12.5	13.5	21.5	20.0	20.5	25.5	24.0	24.5
22	13.5	12.5	13.0	14.0	12.0	13.5	20.5	19.5	20.0	26.0	24.5	25.0
23	13.0	12.0	12.5	14.5	13.5	14.0	20.0	19.0	19.5	26.0	25.0	25.5
24	12.5	11.5	12.0	14.0	13.5	13.5	20.0	18.5	19.5	26.0	24.5	25.5
25	13.5	12.0	12.5	14.5	13.0	13.5	20.5	19.0	20.0	26.0	24.5	25.0
26	13.5	12.5	13.0	14.5	13.0	13.5	21.0	19.5	20.5	26.5	25.0	25.5
27	13.0	12.5	12.5	---	---	---	21.5	20.0	20.5	26.5	25.5	26.0
28	13.5	12.5	13.0	---	---	---	21.0	20.0	20.5	26.5	25.0	25.5
29	---	---	---	13.5	12.0	12.5	21.0	19.5	20.0	26.5	25.0	26.0
30	---	---	---	17.5	12.5	15.0	20.5	19.5	19.5	26.5	25.5	26.0
31	---	---	---	18.5	15.5	17.0	---	---	---	27.0	25.5	26.0
MONTH	14.0	9.0	11.3	---	---	---	21.5	15.5	18.5	27.0	19.0	23.4

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	26.0	26.5	30.0	29.0	29.5	30.5	29.5	30.0	29.0	28.5	28.5
2	27.0	26.0	26.5	30.0	29.5	30.0	29.5	28.5	29.0	29.0	28.5	29.0
3	28.0	26.5	27.0	30.5	29.5	30.0	28.5	28.0	28.5	28.5	27.5	28.0
4	28.0	27.0	27.5	30.5	30.0	30.0	29.0	28.0	28.5	27.5	26.5	27.0
5	28.0	26.5	27.0	31.0	30.0	30.5	29.0	28.5	29.0	28.5	27.0	27.5
6	28.0	27.5	27.5	30.5	30.0	30.0	29.0	28.5	28.5	29.0	28.0	28.5
7	27.5	27.0	27.0	30.5	29.5	30.0	29.0	28.5	28.5	29.0	28.0	28.5
8	27.0	26.0	26.5	30.5	29.5	30.0	29.0	28.5	28.5	28.5	27.5	28.0
9	27.0	26.5	26.5	31.0	29.5	30.0	29.0	28.0	28.5	28.0	27.0	27.0
10	26.5	25.5	26.0	31.5	30.0	30.5	28.5	28.0	28.0	27.0	26.0	26.5
11	27.0	25.5	26.0	31.0	30.0	30.5	29.0	28.0	28.5	26.5	26.0	26.5
12	27.5	26.5	27.0	30.5	29.5	30.0	29.5	28.5	29.0	26.5	26.0	26.5
13	28.0	26.5	27.5	29.5	29.0	29.5	29.0	28.0	28.5	27.0	26.0	26.5
14	28.0	27.0	27.5	29.5	28.5	29.0	28.5	28.0	28.0	27.0	26.5	27.0
15	28.0	27.5	28.0	29.5	29.0	29.0	29.0	28.0	28.5	27.5	26.5	27.0
16	28.5	27.5	28.0	29.5	29.0	29.5	---	---	---	27.0	26.5	26.5
17	29.0	28.0	28.0	29.0	28.5	29.0	---	---	---	27.0	26.5	26.5
18	29.0	28.0	28.5	29.5	28.5	29.0	29.5	29.0	29.5	26.5	26.5	26.5
19	29.5	29.0	29.0	30.0	29.0	29.5	29.5	29.0	29.5	26.5	26.0	26.5
20	29.0	28.0	28.5	30.0	29.5	30.0	29.5	29.0	29.5	27.0	26.0	26.5
21	30.0	28.5	29.0	30.5	29.5	30.0	29.5	28.0	28.5	27.5	26.5	27.0
22	30.0	29.0	29.5	30.5	29.5	30.0	29.0	28.0	28.5	27.0	26.5	27.0
23	30.0	28.5	29.0	30.5	29.5	30.5	29.5	28.5	29.0	27.0	26.5	26.5
24	30.0	29.0	29.5	31.0	30.0	30.5	29.5	28.5	29.0	26.5	26.0	26.5
25	30.5	29.5	30.0	31.0	30.0	30.5	29.0	28.5	29.0	26.5	25.5	26.0
26	30.0	29.0	29.5	31.0	30.0	30.5	29.0	27.5	28.0	26.5	26.0	26.0
27	30.5	29.0	29.5	31.0	30.0	30.5	28.5	27.5	28.0	26.5	26.0	26.5
28	30.5	29.5	30.0	30.5	29.5	30.0	29.0	28.0	28.5	26.5	26.5	26.5
29	30.0	29.5	30.0	30.5	29.5	30.0	29.0	28.5	29.0	26.5	26.0	26.5
30	30.0	29.0	29.5	30.5	30.0	30.5	29.0	28.5	29.0	26.5	26.0	26.0
31	---	---	---	30.5	30.0	30.5	29.0	28.5	29.0	---	---	---
MONTH	30.5	25.5	28.0	31.5	28.5	30.0	---	---	---	29.0	25.5	27.0

COOPER RIVER BASIN

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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 DAILY 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, 18.16 ft, Feb. 27, 28; minimum gage height, 12.68 ft, Jan. 1.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16.81	14.27	15.53	16.90	14.91	16.01	16.32	14.04	15.34	16.31	12.68	14.79
2	17.01	14.82	15.86	17.12	14.75	15.87	17.12	14.24	15.75	16.45	13.35	15.09
3	16.91	15.02	15.99	16.57	14.23	15.52	16.94	14.52	15.93	16.08	13.44	14.86
4	16.89	14.92	15.86	16.38	13.88	15.32	16.97	14.61	15.79	15.76	13.17	14.65
5	16.59	14.46	15.54	16.84	14.34	15.74	16.32	13.73	15.14	16.13	13.51	15.03
6	16.49	14.18	15.56	16.95	15.02	15.97	15.99	13.62	14.89	16.43	14.28	15.42
7	16.66	14.32	15.65	17.08	15.28	16.17	16.01	13.54	14.92	16.58	14.34	15.70
8	16.94	14.31	15.72	17.00	14.82	15.99	16.29	13.89	15.31	17.05	14.59	16.06
9	16.95	14.49	15.79	17.02	15.04	16.12	16.37	13.95	15.45	16.94	14.94	15.81
10	16.75	14.43	15.68	17.39	15.43	16.38	16.52	14.07	15.55	16.38	14.02	15.23
11	16.88	14.33	15.72	17.18	15.01	16.17	16.90	14.46	15.83	16.81	13.79	15.39
12	17.29	14.78	15.98	17.12	15.10	16.15	17.16	14.49	16.06	17.02	14.07	15.57
13	17.35	15.42	16.42	17.48	14.88	16.37	17.25	15.25	16.24	17.02	14.86	15.98
14	17.63	15.38	16.46	17.51	15.36	16.43	17.49	14.94	16.24	17.00	14.54	16.04
15	17.40	15.45	16.46	16.86	14.27	15.54	17.52	15.56	16.57	17.08	15.22	16.21
16	17.32	15.21	16.34	16.44	13.72	15.24	17.41	15.42	16.48	17.16	14.57	15.92
17	17.53	15.25	16.50	16.86	14.23	15.75	17.32	15.27	16.34	16.12	13.78	15.12
18	17.57	15.45	16.63	17.04	14.80	15.95	16.75	14.41	15.81	16.19	13.78	15.21
19	17.85	15.87	16.89	16.52	14.39	15.55	16.55	14.68	15.59	16.68	15.28	15.98
20	17.62	15.83	16.72	16.40	14.37	15.41	15.99	13.57	14.88	16.86	15.60	16.24
21	17.45	15.76	16.65	16.31	14.29	15.40	15.69	13.60	14.79	16.80	15.33	16.18
22	17.27	15.52	16.53	16.38	14.06	15.43	16.56	14.58	15.71	16.81	15.31	16.13
23	17.14	15.71	16.52	15.81	13.61	14.94	16.06	14.43	15.34	17.65	15.64	16.75
24	17.16	15.66	16.45	16.03	13.58	15.10	16.86	14.31	15.75	17.22	15.37	16.23
25	16.88	15.39	16.14	16.57	14.63	15.60	16.89	15.03	15.91	16.84	14.41	15.76
26	17.19	15.11	16.18	16.84	15.01	15.88	16.93	14.79	15.85	17.38	15.03	16.30
27	16.97	15.27	16.15	16.31	14.32	15.37	17.16	15.40	16.30	17.95	15.43	16.95
28	17.05	14.46	15.73	16.81	14.55	15.63	17.20	14.71	16.02	17.65	15.02	16.38
29	17.04	15.28	16.17	16.27	13.95	15.14	17.44	15.15	16.34	17.33	14.71	16.14
30	17.05	15.04	16.09	16.91	14.07	15.56	16.74	13.36	15.18	17.51	15.29	16.56
31	17.31	15.03	16.24	---	---	---	15.69	12.84	14.49	17.62	15.68	16.72
MONTH	17.85	14.18	16.13	17.51	13.58	15.72	17.52	12.84	15.67	17.95	12.68	15.82

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	17.60	15.55	16.63	17.67	15.54	16.66	16.80	14.11	15.46	17.30	15.50	16.39
2	17.32	15.70	16.57	17.52	15.08	16.46	16.54	14.11	15.35	16.88	14.24	15.61
3	17.69	16.07	16.90	16.78	13.91	15.42	16.16	14.05	15.34	16.53	14.61	15.56
4	17.97	16.17	17.36	16.59	14.68	15.61	17.01	14.36	15.73	16.76	14.95	15.92
5	17.25	15.36	16.54	16.74	14.55	15.78	16.56	14.34	15.76	16.81	14.69	15.88
6	17.60	15.18	16.62	16.88	14.60	15.95	16.92	14.88	15.95	16.80	14.52	15.68
7	17.68	15.92	16.97	16.98	15.08	16.11	16.50	14.47	15.62	16.89	14.69	15.72
8	17.58	15.86	16.82	16.96	14.95	16.01	16.51	14.81	15.69	16.93	15.26	16.06
9	17.76	15.84	16.86	17.35	15.20	16.38	16.78	14.86	15.84	17.01	14.59	15.78
10	17.54	15.91	16.73	16.47	14.61	15.57	16.42	13.78	15.07	17.26	14.68	15.82
11	17.30	15.39	16.39	17.16	14.40	15.80	17.18	14.36	15.58	17.46	15.21	16.25
12	17.16	14.37	15.71	16.85	14.70	15.82	17.16	15.09	16.09	17.46	15.71	16.50
13	16.95	14.35	15.77	16.72	14.59	15.71	17.01	15.00	16.07	17.35	15.59	16.38
14	16.95	14.47	15.71	16.47	13.87	15.15	17.12	15.02	16.10	17.48	15.79	16.73
15	17.02	15.14	16.17	16.24	13.36	14.84	16.90	14.64	15.73	17.68	16.04	16.86
16	17.31	15.66	16.58	16.45	14.47	15.52	16.67	14.83	15.71	17.61	15.79	16.66
17	17.93	16.67	17.29	16.84	15.18	16.05	16.70	14.58	15.55	17.21	14.95	16.20
18	17.66	15.57	16.55	16.99	14.76	15.86	16.24	14.08	15.29	16.81	15.01	16.01
19	16.71	15.19	15.99	17.09	15.56	16.23	16.28	14.36	15.39	17.19	15.11	16.20
20	16.71	15.19	16.08	17.04	15.59	16.28	16.16	14.27	15.32	17.01	14.87	16.12
21	16.55	14.64	15.72	16.75	13.70	15.37	17.07	14.62	15.98	17.08	14.88	16.00
22	16.90	14.42	15.85	15.78	13.92	14.99	17.32	15.39	16.43	17.40	14.97	16.24
23	17.67	15.20	16.56	16.73	14.10	15.69	17.46	15.28	16.42	17.60	15.52	16.51
24	16.80	14.37	15.59	17.07	15.08	16.12	17.61	15.52	16.57	17.62	15.38	16.48
25	17.27	14.28	15.83	17.23	15.07	16.12	17.16	14.87	16.11	17.72	15.66	16.62
26	17.79	15.23	16.50	17.24	14.99	16.17	17.09	14.44	15.80	17.68	14.98	16.33
27	18.16	15.89	17.11	17.36	14.88	16.21	17.05	14.53	15.69	17.30	14.64	15.95
28	18.16	16.01	17.07	17.24	14.95	16.15	17.16	14.73	16.02	17.06	14.51	15.82
29	---	---	---	17.04	14.13	15.64	17.54	15.35	16.49	17.00	14.79	15.94
30	---	---	---	16.72	13.79	15.34	17.37	15.44	16.47	17.03	14.86	16.00
31	---	---	---	16.74	14.27	15.49	---	---	---	16.91	15.00	15.99
MONTH	18.16	14.28	16.45	17.67	13.36	15.82	17.61	13.78	15.82	17.72	14.24	16.14

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	16.80	14.69	15.79	16.11	13.83	15.19	16.64	13.64	15.32	17.05	14.89	15.92
2	16.63	14.59	15.70	16.29	14.27	15.38	17.15	15.07	16.22	17.09	14.32	15.79
3	16.75	14.67	15.76	16.60	14.13	15.40	17.10	15.00	16.10	17.97	14.97	16.25
4	16.74	14.68	15.78	16.44	14.36	15.53	17.02	14.65	15.90	16.99	13.15	15.21
5	16.59	14.76	15.72	16.36	13.68	15.16	17.03	14.54	15.81	16.69	13.64	15.19
6	16.21	13.85	15.19	16.98	14.29	15.45	17.12	14.41	15.79	16.93	14.47	15.73
7	16.71	14.15	15.28	17.21	14.97	15.97	17.13	14.67	15.86	17.11	14.71	15.96
8	16.53	14.08	15.32	16.95	14.88	15.92	17.06	14.62	15.84	17.11	14.67	15.91
9	16.50	13.90	15.13	16.70	14.17	15.55	17.06	14.41	15.76	16.89	14.28	15.87
10	16.52	14.09	15.20	16.79	14.33	15.52	16.98	14.70	15.84	17.13	14.98	16.15
11	16.87	13.96	15.45	17.20	14.75	15.85	16.97	14.74	15.87	17.02	14.68	16.07
12	16.95	14.68	15.86	---	---	---	16.76	14.49	15.74	16.99	14.57	15.91
13	16.91	14.67	15.78	---	---	---	16.76	14.51	15.80	16.81	14.06	15.62
14	16.75	14.55	15.61	---	---	---	16.95	14.40	15.89	17.15	14.26	15.80
15	16.85	14.70	15.78	17.24	15.39	16.31	16.84	14.64	15.94	17.18	14.60	15.97
16	16.55	14.13	15.40	16.76	14.45	15.80	16.87	14.35	15.82	17.30	15.04	16.13
17	16.33	14.01	15.32	16.58	13.95	15.43	16.81	14.05	15.63	17.38	15.01	16.13
18	16.63	14.19	15.52	16.52	13.73	15.25	16.54	13.78	15.36	17.09	15.28	16.12
19	16.74	14.19	15.55	16.70	14.09	15.45	16.86	14.56	15.58	17.26	15.14	16.19
20	16.69	13.95	15.43	16.81	13.95	15.51	17.40	14.73	15.84	17.24	15.39	16.36
21	16.92	14.42	15.67	16.58	13.75	15.36	17.31	15.36	16.31	17.26	15.54	16.48
22	17.42	14.78	15.92	16.59	13.60	15.21	17.19	15.31	16.21	16.98	15.45	16.14
23	17.28	14.80	15.99	16.48	13.61	15.16	17.07	14.89	15.91	17.12	14.93	16.12
24	17.26	15.04	16.09	16.40	13.73	15.17	17.07	14.92	15.94	---	---	---
25	17.27	15.20	16.17	16.37	13.95	15.22	16.82	14.82	15.91	---	---	---
26	17.34	15.20	16.25	16.47	13.93	15.18	16.89	14.52	15.74	---	---	---
27	17.20	15.02	16.08	16.45	14.48	15.59	15.92	13.57	14.79	---	---	---
28	16.89	14.59	15.70	16.74	14.71	15.84	15.88	13.43	14.76	---	---	---
29	16.93	14.79	15.91	16.57	14.47	15.60	16.29	13.83	15.18	16.89	14.45	15.79
30	16.83	14.74	15.81	16.28	14.24	15.32	16.63	14.48	15.65	17.30	14.91	16.15
31	---	---	---	16.03	13.24	14.88	16.70	14.58	15.74	---	---	---
MONTH	17.42	13.85	15.67	---	---	---	17.40	13.43	15.74	---	---	---

COOPER RIVER BASIN

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02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

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, Sept. 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, July 20, 1986; minimum, 1.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 17, 1990; minimum, 0.0 mg/L, Sept. 23 - Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 274 microsiemens, Aug. 8; minimum, 51 microsiemens, Feb. 18, 19.

WATER TEMPERATURE: Maximum, 31.0°C, several days in June, July; minimum, 7.5°C, Jan. 1, 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	95	87	92	94	89	91	138	110	122	86	80	83
2	98	89	93	95	90	92	121	102	113	91	81	87
3	98	90	93	92	87	90	124	96	106	94	88	91
4	101	92	95	90	83	88	107	99	103	99	91	95
5	104	93	97	90	85	89	105	99	102	107	97	102
6	105	94	99	92	85	87	101	96	98	107	102	105
7	102	93	97	86	84	85	102	95	98	112	104	108
8	100	94	97	94	85	88	101	98	100	116	110	114
9	101	95	98	117	86	94	111	100	104	117	106	111
10	103	95	99	112	92	100	131	103	114	110	99	105
11	108	97	102	115	95	103	135	107	117	106	95	101
12	153	101	111	120	96	106	149	109	124	116	97	105
13	146	107	126	135	94	108	128	104	113	112	106	109
14	139	107	123	108	94	101	163	106	125	112	108	110
15	123	102	111	102	93	98	182	105	128	112	108	110
16	155	98	113	106	92	97	137	102	115	112	111	112
17	203	95	131	101	91	95	107	98	102	114	111	112
18	139	95	112	94	90	92	105	97	101	114	110	112
19	131	96	113	99	90	92	105	97	100	114	110	112
20	114	90	102	95	89	92	105	97	101	114	109	111
21	123	90	102	103	92	96	108	101	104	114	105	111
22	106	90	99	103	98	101	110	104	106	111	104	108
23	99	87	92	105	101	103	110	101	104	109	74	101
24	93	86	90	106	101	103	107	100	102	103	71	94
25	97	89	92	103	96	101	104	96	101	108	74	90
26	96	91	94	104	94	99	100	87	94	92	76	83
27	99	90	94	104	96	100	97	86	92	100	83	91
28	98	88	92	104	96	99	94	78	85	100	77	90
29	92	88	90	108	99	102	91	78	85	101	83	93
30	92	88	90	164	104	126	92	75	82	103	88	97
31	92	89	91	---	---	---	88	77	81	102	92	98
MONTH	203	86	101	164	83	97	182	75	104	117	71	102

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	105	93	99	85	79	81	97	80	91	90	78	84
2	101	95	99	83	81	82	90	79	86	89	78	84
3	103	97	101	83	78	80	86	77	81	93	82	88
4	104	80	98	82	75	76	85	72	79	91	83	87
5	87	61	79	78	75	76	84	72	77	92	78	83
6	87	67	79	78	74	75	79	72	76	85	75	79
7	91	75	82	77	74	75	81	71	76	82	75	78
8	90	74	82	82	76	79	81	78	79	82	73	77
9	89	77	84	87	79	84	86	76	80	82	72	76
10	91	81	87	84	71	77	86	73	79	77	72	75
11	95	85	90	72	63	66	79	72	75	77	73	75
12	97	91	94	66	60	63	80	73	76	76	72	74
13	96	92	94	67	58	63	81	74	78	76	70	73
14	94	90	92	70	61	66	78	71	76	76	72	74
15	91	87	89	73	66	69	79	71	74	78	72	75
16	92	88	90	76	69	73	78	73	75	77	72	74
17	90	64	78	75	67	73	81	75	77	77	73	75
18	80	51	71	76	67	70	81	76	78	77	73	75
19	75	51	63	75	70	72	84	77	80	78	73	76
20	72	54	64	75	64	70	86	80	83	78	72	74
21	76	59	68	69	59	65	91	81	86	79	71	74
22	73	63	68	69	59	64	90	82	86	76	71	74
23	73	69	71	69	63	66	86	76	81	79	71	75
24	74	67	70	72	65	69	84	74	78	80	73	76
25	75	66	71	75	68	72	91	76	82	80	73	76
26	83	71	76	80	69	74	96	81	87	79	72	74
27	81	76	78	81	72	76	97	86	91	76	71	74
28	83	76	80	82	73	77	134	88	106	75	71	73
29	---	---	---	86	75	80	145	83	110	76	72	74
30	---	---	---	90	78	83	99	80	87	76	72	75
31	---	---	---	100	83	90	---	---	---	76	72	75
MONTH	105	51	82	100	58	74	145	71	82	93	70	77

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	77	73	75	79	71	74	87	79	83	89	85	87
2	76	73	75	75	70	72	89	78	84	89	85	87
3	80	73	76	75	70	73	104	78	88	88	82	86
4	80	75	77	83	71	75	161	84	102	95	82	87
5	79	73	76	95	74	80	257	95	127	117	87	96
6	93	75	79	99	76	85	265	118	160	158	98	116
7	107	77	84	99	75	83	265	120	176	203	100	140
8	117	77	87	82	74	78	274	131	187	145	90	118
9	126	81	96	84	75	79	254	110	178	151	88	111
10	128	74	96	87	78	81	234	114	170	134	88	104
11	87	74	81	96	80	88	220	115	168	137	88	107
12	81	75	78	114	82	93	250	115	166	124	87	100
13	80	74	77	130	86	105	223	104	152	120	89	101
14	78	73	76	126	84	104	170	101	132	113	91	98
15	79	75	77	119	85	101	212	106	142	103	87	95
16	80	73	76	119	83	98	171	106	139	101	86	93
17	80	75	77	99	80	89	170	101	128	92	85	89
18	79	73	77	103	80	89	139	97	117	92	84	88
19	82	76	79	118	85	95	139	89	107	97	86	90
20	93	75	80	114	88	96	118	90	101	98	85	91
21	115	79	88	104	84	93	116	85	102	98	85	90
22	115	73	87	103	83	90	99	86	92	91	86	88
23	79	70	74	97	82	89	102	88	94	92	85	89
24	76	70	73	97	82	88	100	87	94	---	---	---
25	77	72	74	92	81	86	---	---	---	---	---	---
26	77	72	75	89	81	85	92	83	87	---	---	---
27	80	72	76	91	81	87	91	81	85	---	---	---
28	78	73	76	87	74	80	87	83	85	---	---	---
29	77	74	76	81	74	78	90	85	88	106	94	98
30	76	72	74	84	77	80	91	87	89	103	95	98
31	---	---	---	90	77	82	93	86	89	---	---	---
MONTH	128	70	79	130	70	86	---	---	---	---	---	---

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.0	24.0	18.5	17.5	18.0	15.0	13.5	14.5	8.5	7.5	8.0
2	24.0	23.0	24.0	19.0	18.0	18.5	14.5	14.0	14.5	9.0	7.5	8.0
3	24.0	23.0	23.5	18.5	17.5	18.0	14.0	13.5	14.0	9.0	8.0	8.5
4	---	---	---	18.0	16.5	17.5	14.5	14.0	14.0	10.0	8.5	9.0
5	---	---	---	17.5	16.0	17.0	14.0	13.0	13.5	11.0	9.5	10.5
6	---	---	---	17.0	16.0	17.0	13.0	12.0	12.5	12.0	11.0	11.5
7	24.5	23.5	24.0	17.0	16.5	16.5	12.0	11.0	11.5	12.5	10.5	12.0
8	24.5	23.5	24.0	16.5	16.0	16.5	11.5	11.0	11.0	14.5	12.5	13.5
9	24.5	24.0	24.0	16.5	16.0	16.0	11.5	11.0	11.0	15.0	12.0	13.5
10	24.5	24.0	24.0	16.5	15.5	16.0	12.0	11.0	11.5	14.0	11.5	12.5
11	24.5	24.0	24.0	16.5	15.5	16.0	12.5	11.5	12.0	12.5	11.5	12.0
12	24.5	24.0	24.0	16.0	15.0	16.0	12.5	12.0	12.5	12.5	10.5	12.0
13	24.6	23.8	24.2	15.5	15.0	15.5	12.0	11.5	12.0	12.0	10.5	11.5
14	24.6	23.8	24.2	15.5	14.5	15.0	12.0	11.0	11.5	11.5	10.5	11.0
15	24.1	23.3	23.8	15.5	14.0	15.0	11.0	9.5	10.0	11.0	10.5	10.5
16	23.3	21.9	22.6	15.0	14.0	14.5	10.0	9.0	9.5	10.5	10.5	10.5
17	22.0	21.0	21.5	14.5	13.0	14.0	10.5	9.5	10.0	10.5	10.5	10.5
18	21.0	20.5	20.5	14.0	12.5	13.5	10.0	9.0	10.0	10.5	10.0	10.5
19	20.5	19.5	20.0	13.5	12.5	13.0	10.0	9.5	9.5	10.5	9.5	10.0
20	20.0	19.0	19.5	13.0	12.5	13.0	10.5	9.5	10.0	10.0	9.5	10.0
21	20.5	19.0	20.0	13.5	12.5	13.0	10.5	10.0	10.5	10.0	9.0	9.5
22	20.5	19.5	20.0	14.5	13.5	14.0	11.0	10.5	10.5	10.5	9.0	10.0
23	19.5	19.0	19.0	15.5	14.5	15.0	11.0	10.5	10.5	13.0	10.5	11.5
24	19.5	18.5	19.0	15.0	14.5	14.5	11.0	10.5	10.5	13.0	11.5	12.5
25	20.0	19.0	19.5	14.5	13.5	14.0	13.0	11.0	12.0	13.0	10.5	11.5
26	20.5	20.0	20.0	14.0	13.5	13.5	13.0	12.0	12.5	---	---	---
27	20.5	20.0	20.0	14.5	13.5	14.0	12.0	11.0	12.0	---	---	---
28	20.0	18.0	19.0	14.5	13.5	14.0	11.5	10.5	11.0	---	---	---
29	18.5	17.5	18.0	14.5	14.0	14.5	11.0	10.0	10.5	---	---	---
30	18.0	17.0	18.0	15.0	14.5	14.5	10.5	9.0	9.5	---	---	---
31	18.0	17.5	18.0	---	---	---	9.0	8.0	8.5	---	---	---
MONTH	---	---	---	19.0	12.5	15.3	15.0	8.0	11.4	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	15.5	13.5	14.5	18.5	16.5	18.0	20.5	19.5	20.0
2	---	---	---	15.0	14.0	14.5	18.0	16.5	17.5	21.0	20.0	20.5
3	11.0	10.0	10.5	14.5	13.0	13.5	18.0	15.5	16.5	21.5	20.5	21.0
4	11.5	11.0	11.0	13.5	12.5	12.5	17.5	15.0	16.5	21.0	20.5	21.0
5	11.5	10.5	11.0	12.5	12.5	12.5	17.0	16.0	16.5	21.5	20.5	21.0
6	10.5	10.0	10.5	12.5	12.5	12.5	17.5	16.0	17.0	22.0	21.0	21.5
7	10.5	9.5	10.0	12.5	12.5	12.5	18.0	16.5	17.5	22.0	21.5	22.0
8	9.5	9.0	9.5	14.0	12.5	13.0	18.0	17.5	18.0	22.5	21.5	22.0
9	10.0	9.0	9.5	16.0	13.5	15.0	19.0	17.0	18.0	22.5	21.5	22.0
10	10.5	9.5	10.0	16.0	13.0	14.5	18.0	17.0	17.5	23.0	22.0	22.5
11	11.0	10.0	10.5	13.5	12.0	12.5	17.5	16.5	17.0	23.0	22.0	22.5
12	12.0	10.5	11.0	12.0	11.0	11.5	18.0	16.5	17.0	23.5	22.0	22.5
13	11.5	10.5	11.0	11.5	10.0	11.0	18.0	16.5	17.5	23.5	22.0	23.0
14	10.5	10.0	10.5	12.0	10.0	11.5	18.0	16.5	17.5	24.0	22.5	23.5
15	10.5	10.0	10.5	13.0	11.5	12.0	17.5	16.5	17.0	24.5	23.0	23.5
16	11.0	10.5	10.5	13.5	12.5	13.0	19.0	17.0	18.0	24.5	23.5	24.0
17	15.0	11.0	13.0	13.5	11.5	12.5	20.0	19.0	19.5	24.5	23.5	24.0
18	15.0	13.5	14.0	12.5	11.5	11.5	20.5	19.5	20.0	25.0	24.0	24.5
19	14.5	13.0	14.0	15.5	12.0	13.5	21.0	20.0	20.5	25.5	24.0	25.0
20	14.5	13.0	13.5	17.0	13.5	15.5	21.5	20.5	21.0	25.5	24.0	25.0
21	14.5	12.5	13.5	17.0	14.0	15.0	22.0	20.5	21.0	25.5	24.0	25.0
22	14.0	12.5	13.0	14.5	13.0	13.5	21.5	20.0	20.5	26.0	24.5	25.5
23	13.0	12.5	13.0	14.0	13.0	13.5	20.5	19.0	20.0	26.5	25.0	26.0
24	13.0	12.0	12.5	14.0	13.5	13.5	20.0	18.5	19.5	27.0	25.5	26.0
25	13.5	12.0	12.5	14.5	13.0	14.0	21.0	19.5	20.0	27.0	25.5	26.0
26	14.0	12.5	13.0	15.5	13.5	14.5	21.5	20.0	20.5	27.0	25.5	26.0
27	13.5	12.5	13.0	16.0	14.0	15.0	22.0	20.5	21.0	27.0	26.0	26.5
28	14.5	12.5	13.5	16.5	14.5	15.5	21.5	20.5	21.0	26.5	25.5	26.0
29	---	---	---	17.5	15.0	16.0	21.5	20.5	21.0	27.0	26.0	26.5
30	---	---	---	18.0	16.0	17.0	21.0	20.0	20.5	27.0	26.5	26.5
31	---	---	---	19.0	17.0	18.0	---	---	---	27.0	26.5	27.0
MONTH	---	---	---	19.0	10.0	13.7	22.0	15.0	18.8	27.0	19.5	23.8

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

[illegible]

COOPER RIVER BASIN

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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 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, 20.31 ft, Sept. 5, 1987; minimum gage height, 10.49 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.97 ft, Feb. 27, Sept. 3; minimum gage height, 11.59 ft, Dec. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	17.68	13.44	15.69	17.64	13.73	16.00	17.20	13.17	15.38	17.14	11.88	14.84
2	17.75	14.14	16.02	17.69	13.73	15.75	17.98	13.63	15.86	17.31	12.33	14.95
3	17.66	14.43	16.13	17.44	13.50	15.53	17.84	13.75	15.97	16.97	12.51	14.83
4	17.45	14.10	15.93	17.18	13.28	15.34	17.71	13.76	15.72	16.77	12.22	14.75
5	17.22	13.90	15.63	17.68	13.61	15.76	17.12	12.72	15.02	16.94	12.68	15.11
6	17.09	13.68	15.60	17.85	14.24	16.13	16.94	12.57	14.94	17.10	13.33	15.42
7	17.34	13.68	15.66	17.84	14.42	16.21	16.93	12.63	15.05	17.24	13.69	15.74
8	17.60	13.80	15.82	17.77	14.28	16.13	17.06	13.02	15.40	---	---	---
9	17.65	13.88	15.89	17.82	14.48	16.31	17.17	13.04	15.59	17.50	13.78	15.59
10	17.58	13.73	15.79	18.00	14.52	16.52	17.55	13.04	15.74	17.24	12.68	15.28
11	17.72	13.72	15.91	17.84	14.14	16.29	17.64	13.28	15.91	17.56	12.77	15.54
12	18.07	14.01	16.28	17.87	14.01	16.19	17.87	13.42	16.15	17.68	13.07	15.69
13	18.20	14.42	16.55	18.27	13.69	16.45	18.17	14.19	16.34	17.70	13.92	15.94
14	18.43	14.29	16.53	18.31	14.15	16.28	18.32	13.85	16.41	17.68	13.61	16.03
15	18.25	14.28	16.48	17.48	12.87	15.42	18.38	14.77	16.66	17.96	14.53	16.30
16	18.35	14.10	16.46	17.35	12.55	15.28	18.18	14.57	16.53	17.96	13.55	15.79
17	18.42	14.16	16.58	17.76	13.17	15.72	18.10	14.41	16.29	16.92	13.16	15.17
18	18.62	14.41	16.71	17.77	13.73	15.87	17.60	13.61	15.76	17.03	13.25	15.36
19	18.70	15.06	16.89	17.42	13.45	15.60	17.17	13.80	15.55	17.40	14.45	16.08
20	18.47	14.64	16.71	17.25	13.72	15.47	16.58	13.18	14.94	17.44	14.95	16.27
21	18.31	14.81	16.73	17.21	13.84	15.56	16.62	13.02	15.05	17.30	14.95	16.17
22	18.00	14.70	16.55	16.90	13.47	15.43	17.14	14.12	15.80	17.49	14.91	16.23
23	17.86	15.10	16.51	16.61	13.06	15.15	16.68	13.53	15.28	18.24	14.37	16.57
24	17.86	15.04	16.52	16.64	13.36	15.34	17.18	13.72	15.84	17.72	13.80	16.07
25	17.36	14.48	16.15	17.10	14.04	15.73	17.44	14.10	15.78	17.34	13.24	15.71
26	17.79	14.60	16.39	17.35	14.35	15.91	17.41	13.88	15.82	18.08	14.08	16.38
27	17.65	14.35	16.09	16.93	13.63	15.43	17.88	14.54	16.20	18.92	14.69	17.06
28	17.66	13.34	15.83	17.50	13.76	15.68	17.78	13.45	16.02	17.66	13.17	15.88
29	17.77	14.66	16.30	17.25	13.12	15.34	18.36	14.24	16.39	18.06	13.41	16.07
30	17.93	14.41	16.21	17.70	13.44	15.75	16.90	12.08	14.91	18.36	14.24	16.53
31	18.01	14.34	16.31	---	---	---	16.66	11.59	14.37	18.54	14.86	16.75
MONTH	18.70	13.34	16.22	18.31	12.55	15.79	18.38	11.59	15.70	---	---	---

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	18.44	14.64	16.58	18.46	14.38	16.56	17.70	12.89	15.46	18.08	14.60	16.35
2	18.06	14.61	16.56	18.42	13.98	16.32	17.37	13.27	15.33	17.52	13.62	15.64
3	18.52	15.76	17.03	17.41	12.83	15.22	17.01	13.17	15.37	17.20	13.93	15.73
4	18.72	14.79	17.17	17.38	13.63	15.66	17.73	13.35	15.56	17.38	14.24	16.00
5	17.54	14.13	16.13	17.50	13.78	15.71	17.28	14.14	15.91	17.42	14.12	15.96
6	18.17	14.18	16.62	17.40	14.41	16.04	17.44	14.37	16.06	17.38	13.80	15.77
7	18.49	15.13	17.07	17.74	14.30	16.26	17.16	13.78	15.75	17.51	14.04	15.90
8	18.38	15.04	16.90	17.76	14.30	16.23	17.17	14.01	15.75	17.40	14.32	16.00
9	18.46	15.07	16.98	17.89	14.49	16.23	17.32	14.07	15.78	17.72	14.02	15.84
10	18.23	15.04	16.74	16.83	13.51	15.23	17.11	12.96	15.04	17.97	14.17	15.98
11	18.02	14.44	16.44	17.74	13.28	15.78	17.94	13.77	15.88	18.33	14.64	16.39
12	17.25	13.35	15.62	17.54	13.89	15.73	17.70	14.48	16.23	18.11	14.77	16.53
13	17.74	13.45	15.78	17.36	13.92	15.77	17.95	14.42	16.17	18.32	14.78	16.45
14	17.58	13.72	15.73	16.88	13.23	15.24	17.89	14.44	16.09	18.42	15.20	16.84
15	17.74	14.64	16.27	17.26	12.62	14.98	17.60	13.90	15.72	18.52	15.47	16.94
16	17.98	15.27	16.69	17.56	13.84	15.65	17.44	14.08	15.74	18.44	15.05	16.66
17	18.22	15.30	17.00	17.62	14.42	16.09	17.41	13.64	15.53	17.93	14.43	16.19
18	17.82	14.32	16.01	17.64	14.09	15.89	17.05	13.68	15.37	17.52	14.34	16.07
19	16.99	14.61	15.79	17.58	14.58	16.03	17.13	13.89	15.55	17.88	14.44	16.36
20	17.21	14.74	15.99	17.48	14.70	16.09	16.82	13.57	15.37	17.74	14.04	16.13
21	17.05	13.84	15.70	17.12	13.14	15.22	17.69	14.32	16.17	17.96	13.71	16.08
22	17.37	13.92	16.05	16.49	13.53	15.09	17.98	14.54	16.48	18.32	14.07	16.46
23	18.33	14.32	16.59	17.28	14.21	15.96	18.08	14.25	16.42	18.45	14.37	16.66
24	17.34	13.39	15.45	17.69	14.31	16.21	18.27	14.34	16.54	18.61	14.20	16.55
25	17.93	13.17	15.94	17.82	14.12	16.25	17.93	13.40	15.99	18.72	14.32	16.59
26	18.70	14.24	16.62	17.99	13.97	16.22	17.98	13.04	15.78	18.10	13.71	16.21
27	18.97	14.96	17.17	18.05	13.86	16.19	17.80	12.97	15.60	17.97	13.56	15.88
28	18.88	14.73	16.96	17.94	13.90	16.08	18.46	13.81	16.16	17.97	13.56	15.84
29	---	---	---	17.76	12.88	15.58	18.53	14.19	16.47	17.92	14.06	16.02
30	---	---	---	17.74	12.61	15.35	18.23	14.65	16.43	17.90	14.15	16.07
31	---	---	---	17.77	13.01	15.48	---	---	---	17.69	14.36	16.08
MONTH	18.97	13.17	16.41	18.46	12.61	15.82	18.53	12.89	15.86	18.72	13.56	16.20

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	17.52	13.94	15.81	---	---	---	17.49	13.12	15.62	17.84	14.22	16.08
2	17.35	14.02	15.83	---	---	---	17.85	14.70	16.42	17.82	13.66	15.94
3	---	---	---	---	---	---	17.89	14.44	16.27	18.97	14.24	16.50
4	---	---	---	---	---	---	17.86	13.97	16.08	17.08	11.67	14.99
5	---	---	---	---	---	---	17.82	13.75	16.00	17.82	12.60	15.37
6	17.15	13.44	15.49	---	---	---	17.99	13.70	15.97	17.96	13.49	15.86
7	17.47	13.54	15.51	17.99	13.98	16.07	17.99	13.66	15.99	18.02	13.68	15.99
8	17.46	13.18	15.44	17.80	14.01	15.95	17.93	13.60	15.94	17.67	13.37	15.79
9	17.33	13.07	15.27	17.62	13.26	15.59	17.97	13.47	15.84	17.86	13.13	15.93
10	17.30	13.19	15.21	17.90	13.49	15.66	17.96	13.63	15.89	18.00	13.98	16.18
11	17.82	13.20	15.52	18.38	14.02	16.04	17.92	13.68	15.90	17.77	13.72	16.09
12	17.76	13.88	15.84	18.40	14.57	16.43	17.64	13.49	15.79	17.70	13.57	15.94
13	17.76	13.78	15.70	18.28	14.53	16.43	17.61	13.48	15.84	17.58	13.21	15.73
14	17.49	13.68	15.64	18.05	14.56	16.43	17.87	13.47	15.99	17.89	13.51	15.94
15	17.70	13.75	15.69	18.09	14.45	16.33	17.69	13.75	16.06	17.95	13.89	16.15
16	17.24	13.16	15.33	17.54	13.54	15.78	17.64	13.52	15.92	18.07	14.06	16.25
17	17.10	12.92	15.30	17.49	12.80	15.44	17.54	13.19	15.74	18.21	14.00	16.25
18	17.47	13.16	15.65	17.46	12.45	15.39	17.50	12.76	15.48	17.97	14.19	16.19
19	17.66	13.16	15.71	17.54	13.00	15.55	17.72	13.22	15.63	18.17	14.44	16.32
20	17.69	12.98	15.67	17.74	12.82	15.58	18.21	13.93	16.10	18.21	14.66	16.45
21	17.90	13.29	15.86	17.56	12.56	15.40	18.21	14.24	16.38	18.13	14.73	16.52
22	18.32	13.34	15.98	17.54	12.39	15.25	17.95	14.24	16.23	17.64	14.41	16.19
23	18.23	13.37	15.96	17.49	12.40	15.20	17.86	13.94	15.95	17.82	14.17	16.25
24	18.20	13.80	16.09	17.35	12.66	15.20	17.78	14.20	15.98	17.89	15.03	16.55
25	18.29	14.20	16.20	17.42	13.02	15.29	17.61	14.05	15.95	17.69	14.60	16.27
26	18.27	14.19	16.27	17.40	12.98	15.20	17.63	13.78	15.77	17.50	14.42	16.02
27	18.05	14.14	16.07	17.29	13.84	15.74	16.45	12.61	14.69	17.46	14.05	15.89
28	17.64	13.97	15.76	17.54	13.98	15.72	16.52	12.70	14.81	17.31	14.04	15.79
29	17.62	14.14	16.06	17.24	13.76	15.67	17.13	13.28	15.32	17.63	13.90	15.83
30	17.55	14.06	15.84	16.90	13.56	15.35	17.24	13.88	15.66	17.93	14.33	16.21
31	---	---	---	16.78	12.75	14.98	17.40	13.94	15.80	---	---	---
MONTH	---	---	---	---	---	---	18.21	12.61	15.84	18.97	11.67	16.05

COOPER RIVER BASIN

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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, Sept. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sept. 29, 30, 1981; minimum, 5.3 units, May 29, 30, 1993.

WATER TEMPERATURE: Maximum, 32.0°C, July 20, 21, 1986; 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, 1,200 microsiemens, Aug. 7; minimum, 46 microsiemens, May 2.

WATER TEMPERATURE: Maximum, 31.0°C, several days in June and July; minimum, 8.0°C, Jan. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	116	92	105	112	96	105	394	118	249	134	116	121
2	140	86	110	104	94	99	350	124	227	134	122	126
3	160	90	121	96	90	94	294	116	196	128	122	126
4	162	90	124	94	86	90	246	102	153	146	124	132
5	146	92	118	94	82	90	152	100	121	206	126	161
6	138	92	114	96	82	89	118	96	107	196	130	166
7	128	86	102	130	84	107	128	100	114	172	117	144
8	122	84	101	146	84	111	156	100	129	143	106	123
9	122	86	103	258	86	160	174	100	139	119	100	107
10	138	90	112	332	100	207	266	108	180	111	97	104
11	182	92	133	314	102	205	288	116	194	134	97	111
12	394	96	195	296	102	183	278	138	211	174	99	137
13	612	108	336	334	100	190	268	152	210	172	106	138
14	572	116	311	282	94	161	402	188	281	129	119	124
15	366	104	232	170	92	111	544	252	401	127	122	124
16	478	102	257	144	92	115	528	160	363	126	114	123
17	626	126	359	156	94	119	424	116	222	116	107	111
18	600	116	342	140	90	104	218	108	146	111	102	107
19	676	136	374	106	86	97	144	108	122	113	105	110
20	456	118	269	112	90	98	124	108	116	111	107	109
21	350	114	225	128	92	105	136	112	123	118	98	109
22	282	104	184	146	92	107	234	114	161	140	106	118
23	190	100	143	118	92	107	158	112	129	126	100	110
24	150	96	124	190	94	134	128	112	120	108	90	99
25	138	96	113	184	96	144	124	108	116	100	84	91
26	126	92	112	156	94	119	118	104	111	104	78	91
27	134	96	113	122	94	107	118	104	111	---	---	---
28	106	94	100	124	94	110	136	112	121	---	---	---
29	112	96	104	168	94	119	212	112	141	---	---	---
30	118	100	109	470	112	227	174	106	121	---	---	---
31	118	104	111	---	---	---	124	108	116	---	---	---
MONTH	676	84	173	470	82	127	544	96	169	---	---	---

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	154	74	106	196	148	178	204	91	152
2	---	---	---	140	81	104	172	134	156	95	46	76
3	174	104	131	105	80	90	136	114	127	100	53	80
4	182	102	127	94	82	87	118	90	104	107	67	93
5	106	90	96	93	81	88	96	82	90	128	80	97
6	94	82	89	90	81	86	106	84	98	108	82	100
7	96	86	91	96	80	88	108	84	99	107	83	97
8	108	86	96	127	83	104	118	86	106	103	81	94
9	144	90	107	156	98	122	106	84	94	89	79	83
10	130	92	109	100	81	88	86	78	83	93	77	86
11	146	90	112	82	74	79	114	80	89	116	82	98
12	136	90	105	80	72	76	136	104	119	134	102	117
13	108	94	100	82	72	77	162	112	139	114	94	107
14	108	92	100	92	74	83	158	102	138	144	102	123
15	112	92	101	108	80	93	124	90	109	159	113	135
16	118	92	103	148	92	121	106	71	91	137	91	118
17	116	74	95	156	102	137	92	70	80	101	79	92
18	74	60	68	116	82	101	81	66	74	92	79	87
19	68	57	63	104	82	95	105	71	83	104	78	90
20	71	61	65	82	74	80	134	72	105	98	82	90
21	72	66	68	78	72	75	247	79	154	86	78	81
22	93	61	74	80	70	75	295	92	226	107	73	83
23	234	69	113	122	72	90	247	79	178	179	85	127
24	118	66	87	170	100	144	174	78	135	207	85	132
25	139	65	91	174	112	151	132	57	93	199	76	130
26	234	72	123	178	118	154	182	64	120	146	72	91
27	290	76	157	162	92	139	219	107	172	100	74	86
28	239	71	121	140	94	120	454	194	287	102	77	90
29	---	---	---	130	96	118	662	199	470	115	76	96
30	---	---	---	150	114	136	383	116	271	120	78	99
31	---	---	---	194	130	167	---	---	---	113	75	97
MONTH	---	---	---	194	70	106	662	57	142	207	46	101

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	105	74	90	92	78	85	152	90	107	124	86	105
2	90	76	84	86	80	83	774	94	404	148	90	118
3	---	---	---	94	78	85	814	124	511	304	90	154
4	---	---	---	126	78	98	788	162	478	182	92	115
5	106	76	92	258	90	178	846	150	516	272	94	159
6	168	90	116	400	106	243	1150	172	597	532	118	267
7	426	114	224	456	90	252	1200	180	653	612	148	357
8	528	230	401	246	82	147	1090	162	651	566	116	285
9	520	196	377	204	84	121	1060	184	593	356	104	224
10	484	168	317	182	84	120	890	202	559	368	112	245
11	278	126	204	334	96	176	810	162	481	326	112	234
12	210	80	145	468	106	300	644	174	426	272	100	194
13	128	78	99	612	118	382	556	162	369	262	104	181
14	96	78	88	594	124	363	478	148	332	256	108	193
15	100	74	89	524	108	316	506	150	325	234	100	171
16	86	72	82	362	108	230	428	130	283	218	100	161
17	86	74	81	230	96	160	332	124	234	188	92	140
18	92	74	83	192	94	143	282	116	199	160	90	124
19	124	78	100	266	100	163	234	96	171	190	94	138
20	178	92	125	282	114	186	322	96	182	206	94	148
21	310	86	167	216	94	155	358	104	225	206	96	146
22	300	90	185	180	90	134	306	94	189	166	90	119
23	200	78	126	174	90	129	240	94	160	136	90	112
24	158	78	112	158	84	122	204	86	138	172	92	128
25	148	74	107	148	82	118	162	86	124	166	92	123
26	158	78	111	146	86	111	146	90	114	138	86	112
27	140	78	103	140	86	114	112	84	92	140	90	106
28	114	80	94	146	84	115	94	84	89	122	84	100
29	122	78	97	128	82	103	94	82	90	114	84	99
30	118	74	96	114	84	96	104	86	95	150	92	119
31	---	---	---	104	84	94	114	86	97	---	---	---
MONTH	---	---	---	612	78	165	1200	82	306	612	84	163

COOPER RIVER BASIN

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02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	24.0	24.5	18.5	18.0	18.5	15.5	15.0	15.0	9.5	8.5	9.0
2	24.5	24.0	24.0	19.0	18.5	18.5	15.5	14.5	15.0	9.0	8.0	8.5
3	24.5	23.5	24.0	19.0	18.5	18.5	15.0	14.0	14.5	9.5	8.5	9.0
4	24.5	23.5	24.0	18.5	17.5	18.0	15.0	14.5	14.5	10.5	9.5	9.5
5	24.5	24.0	24.5	18.0	17.0	17.5	14.5	13.5	14.0	11.5	10.0	10.5
6	25.0	24.5	24.5	18.0	17.0	17.5	14.0	12.5	13.0	12.0	11.0	11.5
7	25.5	24.5	25.0	17.5	16.5	17.0	13.0	11.5	12.5	13.0	11.5	12.0
8	25.5	24.5	25.0	17.0	16.5	17.0	12.5	11.0	12.0	13.5	12.5	13.5
9	25.5	24.5	25.0	17.0	16.0	16.5	12.0	11.0	11.5	13.5	12.5	13.5
10	25.5	24.5	25.0	17.0	16.0	16.5	12.0	11.5	12.0	13.0	12.5	13.0
11	25.5	24.5	25.0	16.5	16.5	16.5	12.5	12.0	12.5	13.0	12.5	13.0
12	25.5	24.5	25.0	16.5	16.0	16.5	12.5	12.5	12.5	13.0	12.5	13.0
13	25.0	24.5	24.5	16.5	15.5	16.0	12.5	12.0	12.5	13.0	12.0	13.0
14	25.0	24.5	24.5	16.0	15.5	15.5	12.5	11.5	12.0	13.0	11.5	12.0
15	25.0	24.0	24.5	15.5	15.0	15.5	12.0	10.5	11.0	12.0	11.0	11.5
16	24.5	22.5	23.5	15.5	15.0	15.0	11.0	9.5	10.5	11.5	10.5	11.0
17	23.5	21.5	22.5	15.0	14.0	14.5	11.0	10.0	10.5	11.5	10.5	11.0
18	22.5	21.0	21.5	14.5	13.5	14.0	10.5	10.0	10.5	11.0	10.5	11.0
19	21.5	20.0	21.0	14.0	13.5	13.5	10.5	10.0	10.0	11.0	10.0	10.5
20	20.5	19.5	20.0	13.5	13.0	13.5	10.5	10.0	10.5	10.5	10.0	10.5
21	20.5	20.0	20.5	14.0	13.0	13.5	11.0	10.5	10.5	10.0	10.0	10.0
22	20.5	19.5	20.0	15.0	13.5	14.0	11.0	11.0	11.0	10.5	10.0	10.0
23	20.0	19.5	19.5	15.0	14.5	15.0	11.0	10.5	11.0	11.0	10.5	11.0
24	19.5	19.0	19.5	15.0	14.5	15.0	11.0	10.5	11.0	11.5	11.0	11.5
25	20.0	19.0	19.5	14.5	14.0	14.5	12.0	11.0	11.5	11.5	11.0	11.5
26	20.5	20.0	20.0	14.0	13.5	14.0	12.0	11.5	12.0	11.5	11.0	11.5
27	20.5	20.0	20.5	14.0	14.0	14.0	12.0	11.5	12.0	11.5	11.0	11.5
28	20.0	19.0	19.5	14.5	14.0	14.0	11.5	11.0	11.5	11.5	10.5	10.5
29	19.5	18.5	19.0	14.5	14.0	14.5	11.5	10.5	11.0	11.0	10.0	10.5
30	19.0	18.0	18.5	15.0	14.5	15.0	11.0	9.5	10.0	11.0	10.5	11.0
31	18.5	18.0	18.5	---	---	---	10.0	9.0	9.5	11.5	10.5	11.0
MONTH	25.5	18.0	22.3	19.0	13.0	15.6	15.5	9.0	11.9	13.5	8.0	11.2
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	14.0	14.5	19.5	18.5	19.0	21.0	20.0	20.5
2	11.0	10.0	10.5	15.5	14.5	15.0	20.0	18.0	19.0	21.0	20.5	20.5
3	11.0	10.5	11.0	15.0	13.5	14.0	19.5	16.5	18.5	21.0	20.5	21.0
4	11.5	10.5	11.0	14.0	12.5	13.5	18.5	16.5	17.0	21.5	21.0	21.0
5	11.0	10.5	10.5	13.5	12.5	13.0	17.0	16.5	17.0	21.5	21.0	21.5
6	10.5	10.0	10.5	13.0	13.0	13.0	17.5	17.0	17.0	22.0	21.5	21.5
7	10.5	10.0	10.5	13.5	13.0	13.0	18.5	17.5	17.5	22.5	22.0	22.0
8	10.0	9.5	10.0	14.0	13.0	13.5	18.5	18.0	18.5	22.5	22.0	22.5
9	10.0	9.0	9.5	15.5	14.0	14.5	19.0	18.0	18.5	22.5	21.5	22.5
10	10.5	9.5	10.0	15.0	13.5	14.0	18.5	17.5	18.0	23.0	22.5	22.5
11	11.0	10.0	10.5	13.5	13.0	13.5	18.0	17.0	18.0	23.0	22.5	23.0
12	12.0	11.0	11.5	13.0	12.0	12.0	18.5	17.5	18.0	23.5	23.0	23.0
13	11.5	11.0	11.5	12.0	11.0	11.5	19.0	18.0	18.5	23.5	23.0	23.5
14	11.5	10.5	11.0	12.5	11.5	12.0	18.5	17.5	18.0	24.0	23.0	23.5
15	11.5	10.5	11.0	13.0	12.0	12.5	18.5	17.5	18.0	24.5	23.5	24.0
16	11.5	11.0	11.5	14.0	12.5	13.0	19.0	18.0	18.5	24.5	24.0	24.5
17	13.5	11.5	12.5	13.5	12.5	13.5	20.0	18.5	19.0	25.0	24.5	24.5
18	14.0	13.0	13.5	13.5	12.0	12.5	20.5	19.5	20.0	25.0	24.5	25.0
19	14.0	13.5	14.0	14.0	13.0	13.5	20.5	20.0	20.5	25.5	25.0	25.0
20	14.0	13.5	14.0	15.5	14.0	14.5	21.0	20.5	20.5	25.5	25.0	25.5
21	14.0	13.5	13.5	15.5	14.0	15.0	21.0	20.5	20.5	26.0	25.0	25.5
22	14.0	13.0	13.5	14.5	13.5	14.0	21.0	20.5	20.5	26.0	25.5	26.0
23	14.0	13.0	13.5	14.5	14.0	14.0	20.5	19.5	20.0	26.5	26.0	26.0
24	13.0	12.5	13.0	14.5	14.0	14.5	20.0	19.0	19.5	27.0	26.5	26.5
25	13.5	12.5	13.0	14.5	14.0	14.5	20.5	19.5	20.0	27.5	26.5	27.0
26	14.0	13.0	13.5	15.0	14.0	14.5	21.5	20.0	20.5	27.0	26.0	26.5
27	14.0	13.5	14.0	16.0	15.0	15.5	21.5	20.5	21.0	27.5	26.5	27.0
28	14.5	13.0	14.0	16.5	15.0	16.0	21.5	21.0	21.0	27.5	26.5	27.0
29	---	---	---	17.0	16.0	16.5	21.5	20.5	21.0	27.5	26.5	27.0
30	---	---	---	18.5	16.5	17.5	21.5	20.0	21.0	27.5	27.0	27.5
31	---	---	---	19.0	18.0	18.5	---	---	---	28.0	27.0	27.5
MONTH	14.5	9.0	11.9	19.0	11.0	14.1	21.5	16.5	19.1	28.0	20.0	24.2

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.0	27.0	27.5	30.5	29.5	30.0	30.5	30.0	30.5	29.5	29.0	29.5
2	27.5	27.0	27.5	30.0	29.5	30.0	30.0	29.0	30.0	29.5	29.0	29.0
3	---	---	---	30.0	29.5	30.0	29.5	28.0	29.0	29.0	28.5	28.5
4	---	---	---	30.5	30.0	30.0	29.0	28.0	28.5	28.5	27.0	27.5
5	28.0	28.0	28.0	30.5	30.0	30.0	29.0	28.5	28.5	28.0	27.0	27.5
6	28.5	28.0	28.0	30.5	30.0	30.5	29.0	28.5	28.5	29.0	28.0	28.0
7	28.0	27.5	27.5	30.5	30.0	30.0	29.0	28.5	28.5	29.0	28.5	28.5
8	27.5	26.5	27.0	30.5	30.0	30.0	29.0	28.5	29.0	29.0	28.5	29.0
9	27.0	26.5	27.0	30.5	30.0	30.0	29.0	28.5	29.0	29.0	27.5	28.0
10	27.0	26.0	26.5	31.0	30.0	30.5	29.0	28.5	29.0	28.0	26.5	27.5
11	27.0	25.5	26.5	31.0	30.5	30.5	29.5	28.5	29.0	27.5	26.5	27.0
12	27.5	26.5	27.0	30.5	30.0	30.5	29.5	29.0	29.5	27.0	26.0	27.0
13	28.0	27.5	27.5	30.5	29.5	30.0	29.5	29.0	29.0	27.5	26.5	27.0
14	28.0	27.5	28.0	30.0	29.0	29.5	29.5	28.5	29.0	27.5	26.5	27.0
15	28.5	28.0	28.0	30.0	29.0	29.5	29.5	28.5	29.0	27.5	27.0	27.0
16	28.5	28.0	28.5	29.5	29.0	29.5	29.5	29.0	29.0	27.5	27.0	27.5
17	29.0	28.5	28.5	29.5	29.0	29.0	29.5	29.0	29.5	27.5	27.0	27.5
18	29.0	28.5	29.0	29.5	29.0	29.0	30.0	29.5	29.5	27.5	27.0	27.0
19	29.5	29.0	29.0	29.5	29.0	29.5	30.0	29.5	29.5	27.5	27.0	27.0
20	29.5	28.5	29.0	30.0	29.5	29.5	29.5	29.5	29.5	27.5	26.5	27.0
21	29.5	29.0	29.5	30.5	30.0	30.0	29.5	29.0	29.0	27.5	27.0	27.5
22	30.0	29.5	29.5	31.0	30.0	30.5	29.5	28.5	29.0	27.5	27.0	27.5
23	30.0	29.5	30.0	31.0	30.0	30.5	29.5	29.0	29.0	28.0	27.0	27.5
24	30.5	29.5	30.0	31.0	30.0	30.5	30.0	29.0	29.5	27.5	26.5	27.0
25	31.0	30.0	30.5	31.0	30.5	31.0	30.0	29.0	29.5	27.0	26.0	26.5
26	31.0	30.0	30.5	31.0	30.5	31.0	29.5	28.0	29.0	27.0	26.0	26.5
27	31.0	30.0	30.5	31.0	30.5	31.0	28.5	27.5	28.0	27.0	26.5	26.5
28	31.0	30.0	30.5	31.0	30.0	30.5	29.0	28.0	28.5	27.0	26.5	27.0
29	31.0	30.0	30.5	31.0	30.0	30.5	29.5	28.5	29.0	27.0	26.5	27.0
30	30.5	29.5	30.0	31.0	30.0	30.5	29.5	29.0	29.5	27.0	26.5	27.0
31	---	---	---	31.0	30.5	30.5	30.0	29.5	29.5	---	---	---
MONTH	---	---	---	31.0	29.0	30.1	30.5	27.5	29.1	29.5	26.0	27.5

COOPER RIVER BASIN

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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, Sept. 22, 1989; minimum gage height, 1.75 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.45 ft, Jan. 27; minimum gage height, 2.42 ft, Dec. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.92	4.36	7.45	10.08	4.41	7.65	9.67	4.10	7.05	9.58	3.10	6.44
2	9.92	4.90	7.76	9.77	4.10	7.26	10.32	4.60	7.52	9.52	3.03	6.40
3	10.02	5.20	7.84	9.87	4.51	7.18	10.32	4.57	7.57	9.36	3.23	6.41
4	9.83	4.88	7.60	9.56	4.41	7.03	9.92	4.04	7.22	9.28	3.43	6.44
5	9.64	4.69	7.34	10.02	4.71	7.38	9.35	3.73	6.56	9.34	3.72	6.73
6	9.47	4.86	7.25	10.31	5.37	7.86	9.37	3.70	6.63	9.49	3.88	6.96
7	9.61	4.88	7.31	10.15	5.22	7.83	9.33	3.84	6.77	9.70	4.36	7.33
8	9.80	5.15	7.51	10.25	5.00	7.81	9.37	3.95	6.99	10.23	4.11	7.51
9	9.91	5.12	7.57	10.28	4.90	7.98	9.64	3.83	7.26	9.87	3.35	6.98
10	9.93	4.83	7.46	10.47	4.47	8.13	10.12	3.58	7.44	9.72	3.10	6.96
11	10.00	4.69	7.58	10.34	4.33	7.91	10.17	3.58	7.53	9.96	3.55	7.22
12	10.56	5.00	8.05	10.43	4.10	7.75	10.44	3.93	7.76	10.06	3.76	7.35
13	10.65	4.86	8.18	10.85	3.95	8.03	10.79	4.36	7.99	10.19	4.17	7.39
14	10.74	4.40	8.09	10.85	4.02	7.66	10.75	4.31	8.10	10.13	4.07	7.58
15	10.76	4.32	8.03	9.99	3.08	6.93	11.05	4.99	8.24	10.33	5.26	7.96
16	11.07	4.28	8.10	9.87	3.22	6.90	10.71	5.08	8.11	10.08	4.22	7.25
17	11.10	4.45	8.15	10.21	3.85	7.26	10.52	5.04	7.79	9.27	4.43	6.87
18	11.15	4.64	8.28	10.13	4.46	7.38	9.92	4.58	7.33	9.40	4.71	7.16
19	11.20	5.24	8.42	9.89	4.32	7.27	9.58	4.76	7.19	9.70	5.21	7.81
20	10.95	5.33	8.30	9.64	4.76	7.19	8.92	4.43	6.71	9.63	5.96	7.92
21	10.76	5.57	8.40	9.63	5.14	7.34	9.01	4.52	6.91	9.51	5.79	7.83
22	10.35	5.51	8.19	9.11	4.76	7.11	9.39	5.11	7.48	9.85	5.87	7.94
23	10.21	5.83	8.23	8.97	4.47	6.98	8.99	4.72	6.97	10.46	5.19	8.02
24	10.16	5.88	8.19	9.00	4.89	7.11	9.29	5.37	7.55	10.00	3.93	7.63
25	9.62	5.35	7.80	9.36	5.12	7.44	9.71	4.60	7.38	9.72	3.92	7.33
26	10.01	5.78	8.16	9.68	4.47	7.54	9.62	4.63	7.43	10.33	4.52	8.02
27	9.96	4.46	7.70	9.24	4.46	7.13	10.33	4.62	7.74	11.45	5.14	8.59
28	9.84	3.94	7.55	9.80	4.47	7.30	10.13	3.96	7.65	9.71	3.24	7.08
29	10.06	5.33	8.00	9.72	4.07	7.13	10.92	4.60	7.97	10.60	3.62	7.60
30	10.10	5.07	7.90	10.21	4.53	7.46	9.34	2.74	6.35	10.88	4.40	7.98
31	10.22	5.14	7.93	---	---	---	9.23	2.42	5.91	11.08	5.00	8.25
MONTH	11.20	3.94	7.88	10.85	3.08	7.43	11.05	2.42	7.33	11.45	3.03	7.39

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.65	4.79	8.03	10.85	4.34	7.95	10.25	3.57	6.99	10.66	4.85	7.85
2	10.46	4.98	8.09	10.85	4.05	7.67	9.80	4.04	6.84	9.88	4.63	7.31
3	11.14	6.05	8.68	9.83	3.55	6.68	9.46	4.18	6.96	9.64	4.63	7.44
4	11.19	4.51	8.46	9.70	4.20	7.25	10.08	4.32	6.94	9.69	5.17	7.63
5	9.72	4.67	7.48	9.93	4.35	7.20	9.64	5.09	7.54	9.61	5.12	7.58
6	10.21	5.59	8.17	9.79	5.07	7.65	9.69	4.78	7.60	9.61	4.89	7.46
7	11.01	5.46	8.71	10.15	5.17	7.94	9.41	4.67	7.38	9.74	5.02	7.66
8	10.91	5.32	8.57	10.30	5.50	8.02	9.44	4.65	7.34	9.57	4.94	7.56
9	10.97	5.41	8.60	10.24	3.94	7.61	9.32	4.00	7.18	9.99	4.86	7.54
10	10.70	5.21	8.28	8.89	3.63	6.63	9.23	3.72	6.54	10.29	4.93	7.74
11	10.55	4.78	8.05	9.82	3.72	7.37	10.11	4.56	7.63	10.77	5.31	8.11
12	9.59	4.09	7.10	9.92	4.42	7.24	10.10	5.06	7.78	10.55	5.28	8.10
13	9.93	4.09	7.33	9.70	4.55	7.40	10.18	5.04	7.73	10.81	5.39	8.13
14	9.83	4.55	7.36	9.29	4.17	6.93	9.91	4.77	7.51	11.01	5.81	8.48
15	10.00	5.60	7.93	9.66	3.65	6.73	9.82	4.61	7.27	10.99	6.04	8.55
16	10.41	6.03	8.37	10.00	4.81	7.35	9.82	4.91	7.36	10.86	5.54	8.17
17	10.51	5.55	8.39	9.95	5.11	7.68	9.76	4.71	7.14	10.35	5.34	7.79
18	9.78	5.01	7.30	9.91	5.22	7.54	9.29	4.77	7.08	10.10	4.89	7.72
19	9.10	5.40	7.35	9.83	5.35	7.55	9.55	4.98	7.31	10.22	5.18	7.97
20	9.39	5.63	7.57	9.69	5.57	7.62	9.22	4.46	7.08	10.04	4.54	7.60
21	9.24	4.99	7.36	9.27	4.45	6.86	10.06	5.13	7.88	10.22	4.14	7.63
22	9.68	5.09	7.78	8.89	4.61	6.84	10.27	4.73	8.02	10.87	4.47	8.17
23	10.83	3.89	8.10	9.62	5.12	7.67	10.28	4.39	7.97	10.98	4.37	8.27
24	9.61	3.70	6.94	10.13	4.72	7.74	10.64	4.32	8.04	11.23	4.24	8.14
25	10.24	3.54	7.58	10.28	4.57	7.89	10.53	3.50	7.51	11.15	4.13	8.02
26	11.06	4.22	8.19	10.35	4.11	7.73	10.60	3.35	7.39	10.72	3.81	7.59
27	11.44	4.83	8.58	10.43	3.80	7.60	10.50	3.14	7.12	10.58	3.91	7.35
28	11.12	4.44	8.24	10.50	3.62	7.47	11.20	4.16	7.83	10.52	4.18	7.37
29	---	---	---	10.23	3.14	7.04	11.11	4.50	7.91	10.50	4.69	7.62
30	---	---	---	10.27	3.12	6.86	10.77	4.94	7.89	10.43	4.92	7.66
31	---	---	---	10.23	3.45	6.97	---	---	---	10.12	5.23	7.72
MONTH	11.44	3.54	7.95	10.85	3.12	7.38	11.20	3.14	7.43	11.23	3.81	7.80

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.85	4.85	7.41	8.98	4.39	6.92	9.75	4.69	7.54	10.13	5.30	7.77
2	9.56	5.14	7.53	9.24	4.83	7.25	10.13	5.93	8.17	9.97	4.89	7.62
3	9.73	5.21	7.67	9.57	4.87	7.36	10.18	5.57	8.02	11.09	4.68	8.20
4	9.83	5.20	7.69	9.74	5.30	7.61	10.24	5.23	7.87	9.54	2.82	6.42
5	9.57	5.04	7.68	9.45	4.67	7.22	10.28	4.81	7.78	10.30	3.40	7.14
6	9.58	4.83	7.37	10.21	4.64	7.53	10.47	4.61	7.73	10.59	3.95	7.52
7	9.84	4.91	7.37	10.32	4.86	7.75	10.48	4.39	7.68	10.40	3.88	7.52
8	9.87	4.28	7.19	10.24	4.62	7.59	10.40	4.19	7.58	10.05	3.56	7.20
9	9.73	4.01	7.01	10.11	4.07	7.24	10.44	4.10	7.48	10.47	3.64	7.51
10	9.63	3.93	6.81	10.47	4.41	7.39	10.37	4.17	7.51	10.42	4.26	7.69
11	10.18	4.20	7.21	10.71	4.82	7.78	10.25	4.06	7.45	10.25	4.31	7.61
12	10.21	4.48	7.42	10.82	5.15	8.09	10.16	4.09	7.40	10.10	4.29	7.48
13	10.01	4.38	7.22	10.82	4.93	8.01	10.09	4.18	7.46	10.03	4.21	7.38
14	10.06	4.32	7.29	10.53	4.98	8.04	10.27	4.28	7.64	10.10	4.56	7.55
15	10.17	4.28	7.15	10.54	4.98	7.90	10.25	4.49	7.73	10.24	4.96	7.84
16	9.58	3.90	6.88	9.99	4.34	7.35	10.13	4.41	7.56	10.33	4.81	7.90
17	9.39	3.78	6.87	9.87	3.67	7.04	9.97	4.13	7.42	10.34	4.78	7.90
18	9.89	4.01	7.29	9.96	3.55	7.08	9.91	3.92	7.20	10.39	4.75	7.86
19	10.14	3.98	7.37	10.09	3.81	7.27	10.11	3.87	7.28	10.51	4.92	8.02
20	10.27	3.93	7.39	10.19	3.69	7.28	10.62	4.74	7.90	10.56	5.15	8.10
21	10.48	3.82	7.58	10.01	3.37	7.04	10.62	4.77	7.97	10.43	5.23	8.11
22	10.65	3.75	7.55	10.07	3.19	6.90	10.35	4.69	7.82	9.92	5.03	7.75
23	10.77	3.63	7.48	9.98	3.26	6.84	10.11	4.72	7.58	10.21	4.94	7.97
24	10.78	3.94	7.65	9.84	3.63	6.83	9.98	4.84	7.57	10.24	5.84	8.21
25	10.85	4.53	7.78	9.83	3.92	6.96	9.95	4.82	7.59	10.04	5.63	7.93
26	10.56	4.71	7.81	9.71	3.95	6.84	9.94	4.84	7.38	9.72	5.55	7.69
27	10.44	4.73	7.59	9.95	4.81	7.47	8.52	3.83	6.31	9.60	5.52	7.58
28	9.99	4.73	7.44	9.96	4.94	7.37	8.68	4.15	6.51	9.57	5.44	7.49
29	9.93	5.09	7.75	9.49	4.73	7.35	9.26	4.77	7.06	9.75	5.27	7.56
30	9.94	5.19	7.48	9.18	4.74	7.05	9.48	5.27	7.38	10.06	5.39	7.87
31	---	---	---	9.07	4.34	6.74	9.65	5.20	7.47	---	---	---
MONTH	10.85	3.63	7.40	10.82	3.19	7.33	10.62	3.83	7.52	11.09	2.82	7.68
YEAR	11.45	2.42	7.54									

COOPER RIVER BASIN

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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, Sept. 8, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 21, 1986; 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, 23,000 microsiemens, Aug. 2; minimum, 56 microsiemens, Feb. 18.

WATER TEMPERATURE: Maximum, 32.0°C, June 27, 28; minimum, 9.0°C, several days in Jan. 1 - 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7520	117	1400	5820	147	1150	10600	547	3280	3920	118	646
2	8640	160	2710	2680	119	548	13400	399	3660	960	136	394
3	9740	197	3050	4040	108	685	10200	341	2670	1000	128	373
4	8340	199	2580	4000	107	666	6600	237	1550	3220	156	752
5	8620	173	2220	6680	111	1120	3140	159	699	5820	259	1950
6	8800	160	2270	11000	117	2480	4620	138	798	4880	190	1310
7	6800	140	1510	9360	192	3090	6940	187	1890	4660	174	931
8	8960	119	2250	13200	200	3660	8740	196	2540	5220	174	923
9	11200	136	3080	13600	343	4870	9100	196	2720	780	131	294
10	11500	164	3420	12100	507	4920	12600	236	4030	880	128	333
11	13000	247	4560	9660	418	3690	11200	352	3050	4220	146	937
12	16100	395	6190	8700	405	2600	10100	315	2820	6100	187	1560
13	13700	691	6060	9020	295	2750	9260	302	2680	4560	227	1060
14	11300	686	4530	6980	324	1620	11500	386	4000	3240	164	701
15	8580	453	2800	1440	183	538	12200	778	4590	6040	162	1210
16	9560	400	3370	2720	159	769	11200	702	3390	4580	165	969
17	11000	618	4080	5340	175	1040	7420	400	1950	2920	134	454
18	10300	627	3710	2380	143	557	4440	230	904	5480	141	1170
19	11400	815	4090	4940	125	920	3980	161	762	8660	196	2910
20	9560	547	2780	5440	128	1120	4840	142	970	6900	164	2420
21	10100	393	2850	11400	171	2990	10000	207	3180	4700	145	1160
22	9520	326	2630	5480	141	1440	12800	289	5390	9340	145	3590
23	9140	263	2590	9980	141	2940	4880	164	1160	4940	130	932
24	9960	202	2720	12800	226	6010	7160	152	2600	3760	127	685
25	5260	163	1630	11300	310	4520	7000	139	1290	2720	117	658
26	10000	156	3450	11100	198	2620	5900	128	1190	4480	130	973
27	8620	167	1760	6380	160	2040	7600	121	1110	8180	138	2220
28	6900	144	1280	9880	156	2490	6600	111	1320	757	123	271
29	6900	142	2100	9840	147	3060	10700	142	2540	701	114	278
30	8220	169	2250	16400	352	5550	941	136	427	1040	132	417
31	8950	166	1970	---	---	---	1000	115	390	1960	159	643
MONTH	16100	117	2960	16400	107	2420	13400	111	2240	9340	114	1070

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	1580	183	612	2280	172	720	2040	211	762	5360	309	1220
2	1460	173	598	2060	149	604	1500	155	564	1460	178	526
3	5340	221	1230	635	103	260	907	124	477	5240	228	1620
4	5660	147	1120	783	110	331	2680	90	470	6560	262	1930
5	442	118	183	1080	113	368	3160	91	758	4120	185	1160
6	446	102	193	1520	98	418	5940	111	1470	3720	143	856
7	2560	102	486	5120	98	1080	4160	118	1080	6220	138	1320
8	4700	117	939	8180	121	2220	3380	139	875	2240	127	534
9	6540	150	1550	7080	125	1420	945	92	344	5420	108	789
10	3720	180	919	273	78	129	584	81	211	8260	150	1420
11	2900	162	871	402	74	160	6340	87	1100	10400	150	2030
12	1160	123	450	897	84	226	6040	175	1420	9100	189	2070
13	809	93	337	1140	93	341	6360	208	1650	9960	174	1690
14	604	91	257	1840	101	551	6360	155	1180	9960	237	2500
15	1180	103	409	4980	124	854	2360	99	523	10500	224	2700
16	6980	130	1650	5220	196	1350	2460	101	538	9140	152	1910
17	5380	82	892	6600	151	1390	2100	89	470	4530	107	813
18	99	56	72	3100	109	665	960	86	392	4500	112	863
19	83	58	68	4580	94	824	6040	183	2010	6700	131	1780
20	171	62	83	940	94	218	6780	202	2480	3980	105	870
21	1480	76	347	188	92	121	12500	271	5050	2600	101	598
22	7740	82	2980	2380	107	547	11400	446	4430	6320	102	1340
23	17300	132	5130	9260	126	3560	8800	328	2870	6240	251	1990
24	3180	137	759	12600	379	3670	6980	269	1970	6000	204	1530
25	6000	111	1590	8800	200	2470	4320	236	1180	3320	192	1100
26	6860	170	2140	6200	172	1620	4940	230	1480	1480	101	528
27	6080	317	2170	4100	143	914	4800	292	1540	1480	97	395
28	4160	245	1100	882	123	365	9100	471	2600	1300	97	421
29	---	---	---	1800	122	385	9920	572	2840	2280	118	599
30	---	---	---	1800	171	638	6460	293	1640	4200	118	809
31	---	---	---	2300	212	817	---	---	---	4060	120	786
MONTH	17300	56	1040	12600	74	943	12500	81	1480	10500	97	1250

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	2060	97	590	2660	96	663	16100	149	5820	11400	272	4230
2	3160	93	644	6600	98	2010	23000	1600	11200	11800	280	4050
3	5320	90	1280	12500	108	3760	21100	920	9400	15800	280	5340
4	7520	93	1990	15800	161	5170	21300	780	8460	5320	120	1050
5	8880	118	2800	15700	377	6060	22600	958	8800	9860	120	2530
6	13600	197	4560	19400	579	6700	22300	940	8650	11000	460	3810
7	20400	595	7480	14400	504	4910	18700	1120	7900	9880	480	4080
8	16100	737	6680	10500	241	2460	15600	780	6590	7760	300	2360
9	15000	553	5040	9000	159	1890	14600	800	5510	8000	380	2300
10	9140	392	2740	13300	177	2500	14600	680	5050	7780	160	2460
11	8460	265	2050	16400	457	4870	13200	240	4000	8340	300	2500
12	8460	172	1630	16400	757	5840	10200	680	3660	7660	360	1990
13	7760	122	1080	16000	664	5600	10100	603	3550	8740	370	2290
14	3680	97	684	13400	613	4630	11200	482	3600	9540	328	2680
15	7900	97	1360	11700	512	3850	12200	496	4190	10200	312	2950
16	810	84	362	9080	310	2700	11600	432	3540	9220	315	2850
17	957	81	380	6560	198	1390	9460	352	2850	7960	269	2340
18	6320	86	1170	8200	163	1880	9340	289	2350	7420	210	1870
19	10200	130	2550	11500	194	3170	8080	271	1930	9100	275	2770
20	12100	160	2990	10600	260	3060	12800	270	3540	7880	426	2530
21	11900	278	3860	7540	192	1810	9400	472	3290	7140	360	2190
22	10100	347	3070	7360	158	1440	7320	304	2210	2360	206	768
23	7420	192	1500	6760	171	1270	6680	249	1840	5860	166	1340
24	7640	153	1360	5320	169	1130	6140	250	1660	8880	291	2610
25	9520	157	1570	5420	181	1090	5940	251	1590	8520	211	1890
26	9520	166	1670	5420	169	972	7000	150	1870	6820	173	1590
27	8260	138	1300	6360	260	1850	2480	110	601	8840	165	2460
28	3400	121	777	6660	226	1730	4280	111	1070	6380	181	1790
29	7640	159	2220	4980	179	1640	9120	127	2300	10500	175	2900
30	6080	117	1430	4240	131	1240	8200	147	2810	---	---	---
31	---	---	---	8180	120	2000	8680	180	2870	---	---	---
MONTH	20400	81	2230	19400	96	2880	23000	110	4280	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	24.0	24.5	19.0	18.5	18.5	15.5	15.0	15.5	10.0	9.0	9.5
2	24.5	24.0	24.5	19.0	18.5	18.5	15.5	15.0	15.5	9.5	9.0	9.0
3	24.5	24.0	24.0	19.0	18.5	18.5	15.5	15.0	15.5	9.5	9.0	9.0
4	24.5	24.0	24.0	18.5	18.5	18.5	15.5	15.0	15.5	10.0	9.5	9.5
5	25.0	24.0	24.5	18.5	18.0	18.0	15.5	14.5	15.0	11.0	10.0	10.5
6	25.0	24.5	24.5	18.5	17.5	18.0	14.5	14.0	14.0	11.5	11.0	11.0
7	25.5	24.5	25.0	18.0	17.5	18.0	14.0	13.0	13.5	12.5	11.5	12.0
8	25.5	25.0	25.0	18.0	17.0	17.5	14.0	12.5	13.0	13.5	12.5	13.0
9	25.5	25.0	25.0	17.5	17.0	17.5	13.5	12.5	13.0	13.5	13.5	13.5
10	25.5	25.0	25.0	17.5	16.5	17.0	13.5	12.0	13.0	13.5	13.0	13.5
11	25.5	25.0	25.0	17.0	16.5	17.0	13.5	12.5	13.0	13.5	13.0	13.0
12	25.5	25.0	25.0	17.0	16.5	16.5	13.0	12.5	13.0	13.0	13.0	13.0
13	25.0	24.5	25.0	16.5	16.0	16.5	13.0	12.5	13.0	13.5	13.0	13.0
14	25.5	25.0	25.0	16.5	16.0	16.0	13.0	12.5	12.5	13.0	12.5	13.0
15	25.0	24.0	24.5	16.0	15.5	15.5	12.5	11.5	12.0	13.0	12.0	12.5
16	24.5	23.5	24.0	15.5	15.5	15.5	12.0	11.0	11.5	12.5	11.5	12.0
17	23.5	23.0	23.0	15.5	15.0	15.0	11.5	10.5	11.0	12.0	11.0	11.5
18	23.0	22.0	22.5	15.0	14.0	14.5	11.5	10.5	11.0	12.0	11.0	11.5
19	22.0	21.0	21.5	14.5	14.0	14.0	11.5	10.5	11.0	12.0	11.0	11.5
20	21.5	20.5	21.0	14.5	14.0	14.0	11.5	10.5	11.0	11.5	11.0	11.0
21	21.0	20.0	20.5	15.0	14.0	14.5	11.5	11.0	11.0	11.0	10.5	11.0
22	21.0	20.0	20.5	15.0	14.5	14.5	11.5	11.5	11.5	11.5	10.5	11.0
23	20.5	19.5	20.0	15.5	14.5	15.0	11.5	11.5	11.5	11.5	11.0	11.0
24	20.0	19.5	20.0	15.5	14.5	15.0	11.5	11.5	11.5	11.5	11.0	11.5
25	20.0	19.5	20.0	15.0	14.5	15.0	12.0	11.5	11.5	11.5	11.0	11.5
26	20.5	20.0	20.0	15.0	14.5	15.0	12.0	11.5	12.0	11.5	11.0	11.5
27	20.5	20.0	20.0	15.0	14.5	14.5	12.5	12.0	12.0	12.0	11.5	11.5
28	20.0	19.5	20.0	15.0	14.5	14.5	12.5	11.5	12.0	12.0	11.0	11.5
29	19.5	19.0	19.5	15.0	14.5	15.0	12.0	11.5	11.5	11.5	10.5	11.0
30	19.5	19.0	19.0	15.5	15.0	15.0	11.5	10.5	11.0	11.5	11.0	11.0
31	19.0	18.5	19.0	---	---	---	10.5	10.0	10.0	11.5	11.0	11.5
MONTH	25.5	18.5	22.6	19.0	14.0	16.1	15.5	10.0	12.5	13.5	9.0	11.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.0	11.0	15.5	14.5	15.0	20.0	19.0	19.5	21.5	21.0	21.0
2	11.0	11.0	11.0	15.5	15.0	15.0	20.5	19.5	20.0	21.5	21.0	21.0
3	11.5	11.0	11.0	15.0	14.5	15.0	20.5	19.5	20.0	21.5	21.0	21.5
4	11.5	11.0	11.5	14.5	14.0	14.5	20.0	18.0	19.5	21.5	21.0	21.5
5	11.0	10.5	11.0	14.5	13.5	14.0	19.5	18.0	18.5	22.0	21.0	21.5
6	11.0	10.5	10.5	14.0	13.5	14.0	19.0	17.5	18.5	22.5	21.5	22.0
7	10.5	10.5	10.5	14.0	13.5	14.0	19.0	18.0	18.5	22.5	22.0	22.5
8	10.5	10.0	10.0	14.5	13.5	14.0	19.0	18.5	18.5	23.0	22.5	22.5
9	10.5	10.0	10.0	15.0	14.5	15.0	19.5	19.0	19.0	23.0	22.5	23.0
10	10.5	10.0	10.0	15.0	15.0	15.0	19.5	18.5	19.0	23.5	23.0	23.0
11	10.5	10.0	10.5	15.0	14.0	14.5	19.0	18.5	18.5	23.5	23.0	23.0
12	11.5	10.5	11.0	14.0	13.0	13.5	19.5	18.5	18.5	23.5	23.0	23.5
13	11.5	11.0	11.5	13.0	12.5	13.0	19.5	18.5	19.0	24.0	23.0	23.5
14	11.5	11.5	11.5	13.0	12.5	13.0	19.0	18.5	19.0	24.0	23.0	23.5
15	11.5	11.5	11.5	13.5	12.5	13.0	19.0	18.5	19.0	25.0	23.0	24.0
16	12.0	11.5	11.5	14.0	13.0	13.5	19.5	18.5	19.0	25.0	23.5	24.5
17	13.0	11.5	12.0	14.0	13.5	14.0	20.0	19.5	19.5	25.5	24.5	24.5
18	13.5	12.5	13.0	14.0	13.5	14.0	20.5	20.0	20.0	25.5	24.5	25.0
19	14.5	13.5	14.0	14.5	14.0	14.0	20.5	20.0	20.5	26.0	25.0	25.5
20	14.5	14.0	14.0	15.0	14.0	14.5	21.0	20.5	20.5	26.0	25.5	25.5
21	14.5	14.0	14.0	15.5	15.0	15.0	21.0	20.5	21.0	26.5	26.0	26.0
22	14.0	13.5	14.0	15.5	14.5	15.0	21.0	20.0	21.0	26.5	26.0	26.0
23	14.0	13.0	13.5	15.5	14.5	15.0	21.0	20.0	20.5	26.5	26.0	26.5
24	14.0	13.5	13.5	15.5	15.0	15.5	20.5	20.0	20.0	27.0	26.5	27.0
25	13.5	13.0	13.5	15.5	15.0	15.5	20.5	20.0	20.0	27.5	27.0	27.0
26	14.0	13.5	13.5	16.0	15.0	15.5	20.5	20.0	20.5	28.0	27.0	27.5
27	14.0	13.5	14.0	16.5	15.5	16.0	21.0	20.5	20.5	27.5	27.0	27.5
28	15.0	14.0	14.5	17.5	16.5	17.0	21.5	20.5	21.0	27.5	27.0	27.5
29	---	---	---	18.0	17.0	17.5	21.5	20.0	21.0	28.0	27.5	27.5
30	---	---	---	18.5	17.5	18.0	21.5	20.5	21.0	28.5	27.5	28.0
31	---	---	---	20.0	18.0	18.5	---	---	---	28.5	27.5	28.0
MONTH	15.0	10.0	12.1	20.0	12.5	14.9	21.5	17.5	19.7	28.5	21.0	24.5

COOPER RIVER BASIN

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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 feet below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.78 ft, Jan 27, 1998; minimum gage height, 4.99 ft, Dec. 31 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.78 ft, Jan 27; minimum gage height, 4.99 ft, Dec. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	12.95	6.95	10.28	13.18	6.95	10.46	12.77	6.72	9.88	12.83	5.55	9.28
2	12.96	7.54	10.62	12.75	6.57	10.00	13.50	7.14	10.35	12.60	5.49	9.17
3	13.14	7.87	10.68	13.00	7.13	10.00	13.49	7.08	10.39	12.53	5.80	9.22
4	12.90	7.48	10.39	12.64	7.06	9.88	12.99	6.53	9.96	12.43	6.18	9.31
5	12.69	7.33	10.15	13.07	7.41	10.20	12.38	6.30	9.32	12.42	6.42	9.56
6	12.50	7.36	10.04	13.48	8.14	10.73	12.46	6.40	9.44	12.58	6.42	9.73
7	---	---	---	13.18	7.80	10.63	12.41	6.52	9.60	12.87	6.87	10.11
8	---	---	---	13.44	7.56	10.64	12.41	6.60	9.79	13.41	6.57	10.22
9	---	---	---	13.44	7.43	10.80	12.78	6.40	10.07	13.00	5.53	9.69
10	12.96	7.44	10.25	13.66	6.91	10.90	13.35	6.05	10.24	12.90	5.53	9.83
11	13.05	7.26	10.37	13.49	6.58	10.68	13.41	6.41	10.33	13.21	6.14	10.08
12	---	---	---	13.65	6.59	10.54	13.71	6.46	10.58	13.31	6.35	10.21
13	---	---	---	14.20	6.43	10.85	14.12	6.79	10.83	13.40	6.65	10.16
14	---	---	---	14.09	6.33	10.36	14.11	6.82	11.00	13.35	6.61	10.45
15	---	---	---	13.15	5.42	9.71	14.48	7.57	11.14	13.61	7.93	10.82
16	---	---	---	13.08	5.73	9.74	13.96	7.61	10.93	13.21	6.74	9.97
17	---	---	---	13.42	6.47	10.08	13.63	7.59	10.53	12.34	7.18	9.71
18	14.45	7.10	11.11	13.27	7.04	10.15	13.01	7.25	10.11	12.54	7.52	10.07
19	14.43	7.74	11.18	13.08	7.01	10.10	12.68	7.42	10.00	12.75	7.89	10.67
20	14.18	7.91	11.09	12.72	7.49	10.04	12.01	7.20	9.56	12.65	8.61	10.75
21	13.94	8.25	11.21	12.72	7.91	10.21	12.08	7.22	9.81	12.54	8.46	10.67
22	13.47	8.16	10.99	12.03	7.48	9.92	12.39	7.71	10.31	12.92	8.56	10.80
23	13.31	8.50	11.05	12.03	7.30	9.85	12.01	7.41	9.77	13.32	7.87	10.74
24	13.13	8.49	11.01	12.05	7.60	9.97	12.28	8.00	10.37	13.13	6.45	10.40
25	12.58	8.01	10.59	12.40	7.70	10.26	12.69	7.16	10.13	12.88	6.57	10.17
26	13.12	8.16	11.00	12.69	7.01	10.30	12.68	7.36	10.22	13.53	7.07	10.89
27	13.09	6.52	10.43	12.30	7.06	9.96	13.52	6.74	10.50	14.78	7.56	11.39
28	12.93	6.52	10.41	12.92	6.96	10.10	13.30	6.47	10.48	12.76	5.65	9.75
29	13.17	7.94	10.84	12.88	6.73	10.02	14.21	6.90	10.75	13.88	6.08	10.46
30	13.15	7.70	10.74	13.43	7.09	10.31	12.43	5.25	9.08	14.12	6.87	10.81
31	13.33	7.77	10.75	---	---	---	12.41	4.99	8.68	14.42	7.48	11.08
MONTH	---	---	---	14.20	5.42	10.25	14.48	4.99	10.13	14.78	5.49	10.20

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.85	7.30	10.81	14.09	6.67	10.71	13.38	6.08	9.74	13.89	7.37	10.58
2	13.66	7.70	10.92	13.85	6.45	10.34	12.89	6.63	9.62	12.96	7.28	10.12
3	14.42	8.67	11.59	12.83	6.09	9.46	12.60	6.86	9.83	12.79	7.23	10.27
4	14.46	6.84	11.15	12.91	6.83	10.07	13.35	7.07	9.81	12.77	7.79	10.42
5	12.80	7.25	10.22	13.08	6.92	9.98	12.94	7.90	10.53	12.62	7.61	10.38
6	13.46	8.16	10.99	13.00	7.75	10.49	12.90	7.48	10.52	12.67	7.59	10.28
7	14.37	7.89	11.57	13.35	7.83	10.79	12.56	7.45	10.32	12.84	7.72	10.50
8	14.24	7.91	11.46	13.54	8.13	10.88	12.61	7.38	10.26	12.61	7.54	10.32
9	14.29	8.07	11.46	13.34	5.97	10.28	12.43	6.50	9.99	13.09	7.37	10.37
10	13.97	7.71	11.10	11.96	5.97	9.39	12.48	5.96	9.47	13.49	7.48	10.60
11	13.80	7.33	10.89	12.92	6.25	10.24	13.45	7.31	10.69	13.94	7.84	10.98
12	12.69	6.68	9.88	13.09	6.93	10.10	13.40	7.74	10.72	13.71	7.87	10.90
13	13.07	6.74	10.16	12.83	7.15	10.25	13.41	7.79	10.68	13.98	7.99	10.99
14	12.91	7.23	10.24	12.41	6.82	9.78	13.06	7.42	10.40	14.18	8.41	11.31
15	13.11	8.28	10.81	12.73	6.30	9.63	12.97	7.28	10.14	14.00	8.61	11.35
16	13.62	8.71	11.26	13.08	7.53	10.25	12.88	7.57	10.18	13.96	8.07	10.91
17	13.65	8.06	11.10	12.91	7.88	10.55	12.82	7.41	9.95	13.46	7.97	10.56
18	12.72	7.70	10.03	12.89	7.93	10.38	12.39	7.45	9.94	13.23	7.48	10.52
19	12.15	8.08	10.20	12.88	7.92	10.34	12.71	7.74	10.16	13.41	7.81	10.76
20	12.49	8.27	10.41	12.71	8.22	10.42	12.34	7.17	9.96	13.12	7.05	10.31
21	12.30	7.67	10.19	12.31	7.23	9.68	13.16	7.88	10.76	13.29	6.68	10.37
22	12.79	7.82	10.66	11.94	7.33	9.71	13.43	7.19	10.81	14.14	6.97	10.98
23	14.22	6.13	10.85	12.73	7.72	10.53	13.44	6.84	10.73	14.21	6.78	11.05
24	12.70	6.13	9.70	13.30	7.25	10.52	13.82	6.70	10.78	14.49	6.64	10.91
25	13.49	6.06	10.43	13.54	7.20	10.73	13.84	5.89	10.29	14.28	6.41	10.72
26	14.30	6.64	11.05	13.59	6.51	10.52	13.88	5.65	10.18	13.93	6.08	10.28
27	14.72	7.18	11.33	13.67	6.05	10.35	13.81	5.48	9.90	13.79	6.35	10.09
28	14.37	6.67	10.95	13.77	5.79	10.21	14.49	6.69	10.73	13.74	6.60	10.15
29	---	---	---	13.48	5.47	9.82	14.01	6.99	10.65	13.60	7.21	10.40
30	---	---	---	13.48	5.53	9.68	13.86	7.45	10.64	13.58	7.50	10.42
31	---	---	---	13.46	5.88	9.76	---	---	---	13.23	7.82	10.49
MONTH	14.72	6.06	10.76	14.09	5.47	10.19	14.49	5.48	10.28	14.49	6.08	10.59

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	12.87	7.43	10.16	11.85	7.01	9.65	12.77	7.21	10.38	13.10	8.03	10.56
2	12.47	7.80	10.33	12.14	7.47	9.99	13.16	8.62	10.98	12.97	7.54	10.37
3	12.73	7.95	10.48	12.47	7.54	10.11	13.16	8.18	10.79	14.16	6.14	10.90
4	12.87	7.80	10.48	12.71	7.94	10.38	13.29	7.83	10.63	12.59	5.51	9.10
5	12.59	7.61	10.47	12.47	7.36	9.99	13.38	7.46	10.57	13.49	6.01	9.97
6	12.71	7.54	10.23	13.26	7.29	10.33	13.66	7.18	10.51	13.84	6.43	10.34
7	12.99	7.63	10.27	13.36	7.43	10.48	13.64	6.85	10.43	13.44	6.33	10.26
8	12.90	6.97	9.99	13.29	7.12	10.29	13.57	6.62	10.31	13.15	5.91	9.88
9	12.79	6.57	9.80	13.17	6.60	9.96	13.54	6.56	10.21	13.76	6.27	10.34
10	12.64	6.48	9.53	13.65	6.89	10.17	13.42	6.56	10.21	13.56	6.72	10.43
11	13.23	6.77	10.00	13.85	7.30	10.59	13.21	6.44	10.13	13.42	6.85	10.36
12	13.28	6.97	10.17	13.97	7.65	10.86	13.11	6.52	10.11	13.22	6.89	10.23
13	12.87	6.83	9.93	13.63	7.39	10.74	13.11	6.66	10.16	13.14	6.86	10.15
14	13.27	6.81	10.05	13.63	7.50	10.78	13.32	6.83	10.35	13.14	7.21	10.32
15	13.27	6.77	9.81	13.65	7.46	10.58	13.34	7.00	10.45	13.31	7.60	10.61
16	12.56	6.38	9.58	13.03	6.85	10.02	13.20	6.95	10.26	13.32	7.47	10.65
17	12.37	6.30	9.58	12.84	6.18	9.72	13.01	6.67	10.12	13.33	7.40	10.66
18	12.95	6.40	10.01	13.06	6.11	9.81	13.01	6.53	9.95	13.48	7.30	10.65
19	13.18	6.46	10.09	13.23	6.29	10.00	13.22	6.40	10.04	13.57	7.55	10.84
20	13.48	6.45	10.13	13.24	6.17	10.00	13.86	7.32	10.79	13.62	7.78	10.90
21	13.66	6.27	10.32	13.09	5.88	9.76	13.70	7.38	10.76	13.46	7.75	10.88
22	13.78	6.16	10.25	13.17	5.66	9.63	13.44	7.20	10.58	12.92	7.66	10.53
23	13.89	6.01	10.18	13.07	5.75	9.56	13.16	7.28	10.36	13.31	7.57	10.86
24	13.93	6.37	10.36	12.90	6.17	9.54	12.96	7.34	10.33	13.36	8.51	11.03
25	14.05	6.93	10.52	12.87	6.48	9.69	13.04	7.40	10.39	13.09	8.22	10.74
26	13.66	7.13	10.51	12.72	6.56	9.58	12.78	7.49	10.14	12.76	8.18	10.50
27	12.99	7.13	10.25	12.94	7.35	10.24	11.36	6.43	9.05	12.63	8.22	10.39
28	13.02	7.21	10.18	12.87	7.44	10.08	11.58	6.85	9.29	12.52	8.12	10.29
29	12.95	7.66	10.49	12.41	7.31	10.08	12.20	7.49	9.86	12.71	8.05	10.39
30	12.91	7.74	10.16	12.07	7.34	9.77	12.39	7.93	10.17	13.02	8.14	10.68
31	---	---	---	11.93	7.02	9.49	12.62	7.91	10.25	---	---	---
MONTH	14.05	6.01	10.14	13.97	5.66	10.06	13.86	6.40	10.28	14.16	5.51	10.46

COOPER RIVER BASIN

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021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH 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.--Data collection platform and Hydrolab water-quality monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 37,500 microsiemens, Aug. 6, 1998; minimum, 1,190 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE: Maximum, 31.0°C, July 28 - 30, 1997, many days in 1998; minimum, 9.5°C, Dec. 31, 1997, Jan. 1 - 4, 1998.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Jan. 21, 23, 27, 1998; minimum, 3.8 mg/L, Aug. 13, 15, 1997, July 4, 1998.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 37,500 microsiemens, Aug. 6; minimum, 1,190 microsiemens, Feb. 19.

WATER TEMPERATURE: Maximum, 31.0°C, many days June, July; minimum, 9.5°C, Dec. 31, Jan. 1 - 4.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Jan. 21, 23, 27; minimum, 3.8 mg/L, July 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25200	11900	16500	26500	14500	18100	27900	18200	21800	22400	7280	12700
2	26100	15000	19200	23800	12300	16400	30900	17500	22400	20000	9350	12800
3	27400	16000	20500	22400	9510	13700	30100	17100	21900	20100	8070	12000
4	26400	16500	20400	24500	8930	13400	26300	15700	19200	19600	8650	13000
5	27300	15500	19900	25200	10200	15100	24600	11900	15600	22000	12000	16200
6	26400	14800	19500	24800	12200	16900	21900	10600	14900	23400	13100	16700
7	22200	13000	17500	28300	15200	19400	25800	12400	17300	23800	11400	16400
8	21200	12400	16900	27500	15700	20200	27000	17200	20000	23400	10300	15900
9	27300	15100	19800	28400	19300	22600	26800	15600	20300	19300	7010	11300
10	27600	17100	21100	29500	19700	23800	29100	17100	22200	19900	6560	10700
11	29000	18500	22700	28400	18800	22900	29200	18600	22300	22000	9130	14400
12	32200	19800	24700	28900	17200	21700	30000	17600	21500	24700	11900	17100
13	31600	21900	25900	30000	15700	21000	30500	16200	21000	24500	12300	16900
14	30900	21000	26200	28600	14000	18800	31300	16900	22600	23800	11500	15500
15	30700	16900	22900	22400	10700	14600	31900	18500	23100	27000	11300	15800
16	---	---	---	23100	9990	14400	29400	18200	21900	22400	12100	16000
17	---	---	---	24700	11200	15700	26900	16900	20400	21300	7870	12900
18	32800	17800	23200	23400	10400	14400	19900	11500	16000	23600	8640	13400
19	32100	17200	22500	24500	7680	13900	21700	8920	13800	23600	12200	16600
20	29300	16000	20400	21300	10400	14400	19700	8820	13700	24300	14100	17600
21	30300	14100	19800	26300	11300	16800	27100	11800	16800	22600	13000	16700
22	29100	15800	19500	22800	13100	17600	26000	17700	20200	26500	14200	18300
23	27500	14700	18700	22900	13900	17600	24100	12800	18700	27800	7060	16900
24	26600	13800	19600	25400	17100	20500	24500	14500	17500	21000	8360	13200
25	24500	13800	19200	26600	18500	22800	26200	12200	18900	21300	8050	13500
26	26600	14800	19600	27500	18500	23200	23300	11000	16600	22500	9620	15500
27	27900	16000	20600	25700	16300	20200	25800	12600	16900	28000	11900	17500
28	23100	12900	17200	27600	15200	20800	26500	10800	16500	15600	5480	10000
29	27200	14000	18500	27500	15800	21200	28400	14400	19200	19400	4250	10000
30	27900	13800	19500	29600	18300	23200	20500	9560	14000	20200	7100	11600
31	28700	16100	19900	---	---	---	19400	8180	12000	21500	6860	12300
MONTH	---	---	---	30000	7680	18500	31900	8180	18700	28000	4250	14500

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19800	8890	12600	22400	8670	13600	22300	9250	13600	25600	10400	15800
2	18900	8810	12300	22400	7650	11900	19900	7890	11500	22400	10200	13600
3	21200	9870	13900	17300	5360	8390	17200	8130	11100	23700	11800	16300
4	19900	6740	13400	19000	6710	10200	20400	6670	11500	24600	13900	17900
5	13000	3600	7190	19400	7030	11500	18100	8090	11600	22100	12400	16500
6	14600	4160	7610	19500	7440	11600	25400	10700	15200	22700	10700	15400
7	17400	5420	10200	24000	9790	13700	22500	12000	16400	25300	12400	16200
8	20700	8230	12900	24300	12200	16200	22200	13400	16600	19100	11200	15000
9	22600	10800	15400	22000	9110	15600	19000	10400	14200	24000	9020	13700
10	21500	10500	15000	13200	4010	7360	18600	5790	9450	26300	10800	16000
11	21600	10000	14500	18800	4710	8580	25900	6940	12600	28100	12600	17600
12	15900	7020	11000	19400	6560	9900	22600	12900	16600	25700	13200	18400
13	16800	7400	10400	19100	7860	11700	23700	13800	17600	28100	12800	17900
14	21400	6730	9970	18900	9380	12800	21100	13000	16900	28900	14400	19200
15	20300	7570	12500	20900	10300	13900	20700	7940	13200	28900	15300	19500
16	20900	11800	14700	23800	11100	15500	19400	8600	12200	29400	14100	18600
17	21300	7810	13200	21000	13000	16000	20400	7730	12100	24300	10800	16100
18	12600	1920	4950	20800	10700	14000	17700	7260	10400	20800	10100	14600
19	4550	1190	2820	20800	8600	12700	22400	9790	14100	23600	11400	16100
20	12800	2940	5820	15100	7000	9740	24000	11900	15500	24200	12600	16700
21	15900	6380	9510	11100	4780	7030	27200	16000	20100	22100	11000	15200
22	23400	10600	16200	17300	5240	9660	27900	18900	22600	27000	11300	16600
23	28200	15800	22000	22700	10500	16000	28200	17900	22300	27300	12500	18100
24	23600	12400	17500	25100	17000	20100	27600	15200	20800	28600	12700	17600
25	25500	11400	17700	25800	15700	20500	27200	12000	18000	26100	11500	16600
26	27300	13300	19200	25000	14000	19000	27900	12800	18200	23400	7800	13200
27	28200	12500	19200	24600	12300	17200	27400	12100	17600	22200	7500	11800
28	24500	9030	15600	23300	9420	14700	30600	13800	19700	22000	7420	11900
29	---	---	---	22300	8140	13100	28500	15000	20000	22000	8360	12600
30	---	---	---	22700	7530	13200	27400	12800	17400	23000	9180	13400
31	---	---	---	22300	8780	13500	---	---	---	22600	9610	14100
MONTH	28200	1190	12800	25800	4010	13200	30600	5790	15600	29400	7420	15900
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21400	10600	14100	23800	9590	14100	29500	15300	20200	31400	17000	22600
2	22500	9470	13800	24600	11700	16300	35100	21400	25500	31300	20700	24500
3	23500	10200	15200	27800	13600	18200	36300	25200	29200	35400	22400	27500
4	26800	13700	18000	30000	17500	21300	37400	24500	29500	27700	10100	20100
5	28600	16000	20400	30000	18800	23000	36000	24900	29700	31400	16100	21300
6	31200	16900	21600	32100	20300	24300	37500	25600	30500	34000	18900	24700
7	31900	18600	23600	30400	19900	24500	37100	25600	30100	31900	20100	25500
8	31900	23200	26700	28800	16200	21900	36500	24800	29400	30800	17900	23200
9	33200	22200	26900	29100	15400	20500	35700	22800	28300	32200	16300	21800
10	30500	19600	24900	30400	16100	21300	33800	22500	27300	30300	17800	22400
11	29600	16500	21800	31900	18600	23300	32500	20900	26200	29600	17600	22000
12	29300	15100	20900	33300	21100	25200	32500	19600	24600	29800	16500	21000
13	26000	13300	18800	33300	21100	25400	30900	19200	23600	30300	14700	21000
14	26000	12200	16600	32000	21100	24900	31600	19500	23300	30100	15500	21500
15	26300	13000	18100	31100	18900	23600	31600	18100	23500	29700	17200	21900
16	24600	10300	15100	28300	16800	21300	31600	18000	22900	30000	18100	23000
17	20000	9510	14200	26600	14800	19500	31600	17500	22600	29300	17700	22500
18	26900	10300	16400	28900	13500	19300	29600	16000	21500	28300	15100	21400
19	28700	14300	19700	30000	14500	20900	31300	15900	21300	29600	17400	21800
20	28300	15400	20400	30200	16300	22100	32500	18100	23100	29000	18500	22300
21	31200	17800	22200	28800	15100	20700	32000	19400	24000	28300	16800	21500
22	32300	16900	22300	28400	13700	19300	29500	17600	22700	21300	11500	16500
23	29400	12800	19200	28600	13300	18900	29800	16500	21300	24800	11800	16500
24	27300	12900	17800	26800	13000	18100	27700	15900	20500	25600	15400	18800
25	29200	13000	17900	27300	12700	17700	29200	15900	20000	26300	14800	19000
26	27900	13000	17800	26600	12700	16900	23300	15800	19400	25800	13400	18300
27	24200	11700	16700	28900	12700	18200	23300	12100	17100	27500	13800	18900
28	24900	9750	14600	27100	15700	19200	24400	11300	16800	25700	16200	19700
29	26200	12100	17100	24000	13700	18100	28900	15900	20000	27500	16100	20000
30	24300	12700	17000	23900	13500	17600	27400	17600	20900	28800	19100	22600
31	---	---	---	27300	12100	17700	30400	17300	21300	---	---	---
MONTH	33200	9470	19000	33300	9590	20400	37500	11300	23800	35400	10100	21500

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.5	24.5	25.0	19.0	18.5	19.0	15.0	14.5	15.0	10.5	9.5	10.0
2	25.0	24.5	24.5	19.0	18.5	19.0	15.0	14.5	15.0	10.5	9.5	10.0
3	24.5	24.0	24.5	19.0	18.0	18.5	15.0	14.5	15.0	10.5	9.5	10.0
4	24.5	24.0	24.5	18.5	18.0	18.0	15.0	15.0	15.0	10.5	9.5	10.0
5	25.0	24.0	24.5	18.5	17.5	18.0	15.0	14.5	14.5	11.0	10.0	10.5
6	25.5	24.0	24.5	18.0	17.5	18.0	14.5	13.5	14.0	11.5	10.5	11.0
7	25.5	24.0	24.5	18.0	17.5	17.5	14.0	13.0	13.5	12.5	11.0	11.5
8	25.0	24.0	24.5	17.5	17.0	17.5	13.5	12.5	13.0	13.0	12.0	12.5
9	25.5	24.5	25.0	17.5	16.5	17.0	13.0	13.0	13.0	13.0	12.5	13.0
10	25.5	24.5	25.0	17.5	16.5	17.0	13.5	12.5	13.0	13.5	12.5	13.0
11	25.5	24.5	25.0	17.0	16.5	17.0	13.5	13.0	13.0	13.0	12.5	13.0
12	25.5	24.5	25.0	17.0	16.5	16.5	13.0	12.5	13.0	13.0	12.5	13.0
13	25.5	24.5	25.0	16.5	16.0	16.5	13.0	12.5	12.5	13.0	13.0	13.0
14	---	---	---	16.0	15.5	16.0	12.5	11.5	12.5	13.0	12.5	13.0
15	25.0	24.5	25.0	16.0	15.5	16.0	12.0	11.0	11.5	13.0	12.5	12.5
16	---	---	---	16.0	15.0	15.5	11.0	11.0	11.0	12.5	12.5	12.5
17	---	---	---	15.0	14.5	15.0	11.0	10.5	11.0	12.5	12.0	12.5
18	23.0	22.0	22.5	15.0	14.0	14.5	11.5	10.5	11.0	12.5	11.5	12.0
19	22.0	21.5	21.5	14.5	14.0	14.5	11.5	10.0	11.0	12.0	11.5	12.0
20	21.5	21.0	21.0	14.5	13.5	14.0	11.0	10.0	11.0	12.0	10.5	11.5
21	21.5	20.5	21.0	15.0	13.5	14.5	11.5	10.5	11.0	12.0	10.5	11.5
22	21.0	20.0	20.5	15.5	14.5	15.0	11.5	11.0	11.0	12.0	11.0	11.5
23	20.5	19.5	20.0	15.5	14.5	15.0	11.5	11.0	11.0	12.0	11.5	11.5
24	20.0	19.0	20.0	15.0	14.0	14.5	11.5	11.0	11.5	12.0	11.0	11.5
25	20.5	19.5	20.0	14.5	13.5	14.5	12.5	11.5	12.0	11.5	11.0	11.5
26	20.5	20.0	20.0	14.5	14.0	14.5	12.0	11.5	12.0	11.5	11.0	11.5
27	20.0	19.5	20.0	15.0	14.0	14.5	12.0	11.5	12.0	11.5	11.0	11.5
28	20.0	19.0	19.5	15.0	14.0	14.5	12.0	11.0	11.5	11.5	11.0	11.5
29	19.5	19.0	19.5	15.0	14.5	14.5	11.5	11.0	11.5	11.5	11.0	11.5
30	19.5	18.5	19.0	15.0	14.5	15.0	11.5	10.5	11.0	12.0	11.0	11.5
31	19.0	19.0	19.0	---	---	---	10.5	9.5	10.5	11.5	11.0	11.5
MONTH	---	---	---	19.0	13.5	16.0	15.0	9.5	12.4	13.5	9.5	11.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.0	11.0	15.0	14.0	14.5	19.0	18.0	18.5	21.5	20.5	20.5
2	11.0	11.0	11.0	15.0	14.5	14.5	20.0	18.5	19.0	21.5	20.0	20.5
3	11.5	11.0	11.5	14.5	14.0	14.5	19.5	19.0	19.0	21.5	20.5	21.0
4	11.5	11.5	11.5	14.5	13.5	14.0	19.5	19.0	19.0	21.5	20.5	21.0
5	11.5	11.0	11.0	14.0	13.5	14.0	20.0	18.5	19.0	22.0	20.5	21.0
6	11.0	11.0	11.0	14.0	13.5	14.0	19.0	18.5	19.0	22.5	21.0	21.5
7	11.0	10.5	10.5	14.0	13.5	13.5	19.5	18.5	19.0	22.5	21.5	22.0
8	10.5	10.0	10.5	14.5	13.5	14.0	19.0	18.5	19.0	22.5	21.5	22.0
9	10.5	10.0	10.5	15.0	14.0	14.5	19.0	18.5	19.0	23.0	22.0	22.5
10	10.5	10.0	10.5	14.5	13.5	14.0	19.0	18.0	18.5	23.0	22.5	22.5
11	11.0	10.0	10.5	14.0	13.0	14.0	19.0	18.0	18.5	23.0	22.5	22.5
12	11.0	10.5	11.0	14.0	12.5	13.0	19.0	18.0	18.5	23.5	22.5	23.0
13	11.0	10.5	11.0	13.5	12.5	13.0	19.0	18.0	18.5	23.5	22.5	23.0
14	11.0	10.5	11.0	13.0	12.5	12.5	18.5	18.0	18.5	23.5	22.5	23.0
15	11.0	10.5	11.0	13.5	12.5	13.0	19.0	18.0	18.5	24.5	22.5	23.0
16	11.5	11.0	11.0	13.5	12.5	13.0	19.5	18.5	19.0	24.5	23.0	23.5
17	13.0	11.5	12.0	13.0	13.0	13.0	20.0	19.0	19.5	24.5	23.5	24.0
18	13.0	12.5	12.5	13.0	12.5	13.0	20.5	19.5	19.5	25.5	24.0	24.5
19	14.0	12.5	13.0	14.5	13.0	13.5	20.5	19.5	20.0	25.5	24.0	24.5
20	14.5	13.0	13.5	15.0	13.5	14.0	20.5	20.0	20.0	25.5	24.5	25.0
21	14.5	13.0	13.5	14.5	13.5	14.0	20.5	19.5	20.0	26.0	25.0	25.0
22	13.5	13.0	13.0	14.5	13.0	13.5	21.0	19.5	20.0	26.0	25.0	25.5
23	13.0	12.5	13.0	14.5	13.0	14.0	20.0	19.5	20.0	26.5	25.5	25.5
24	13.5	12.5	13.0	14.5	13.5	14.0	20.5	19.5	20.0	26.5	25.5	26.0
25	14.0	12.5	13.0	14.5	13.5	14.0	20.5	19.5	20.0	27.0	26.0	26.5
26	13.5	13.0	13.5	15.5	14.0	14.5	20.5	20.0	20.0	27.5	26.5	27.0
27	14.0	13.5	13.5	16.0	14.5	15.0	20.5	20.0	20.5	27.5	27.0	27.0
28	14.5	13.5	14.0	16.0	15.5	15.5	20.5	20.0	20.5	28.0	27.0	27.0
29	---	---	---	17.0	16.0	16.5	21.0	20.0	20.5	28.0	27.0	27.0
30	---	---	---	17.5	16.5	17.0	20.5	20.0	20.5	28.0	27.0	27.5
31	---	---	---	18.5	17.5	18.0	---	---	---	28.5	27.0	27.5
MONTH	14.5	10.0	11.9	18.5	12.5	14.2	21.0	18.0	19.4	28.5	20.0	23.9

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.0	27.5	31.0	30.0	30.5	30.5	29.0	29.5	29.5	28.0	29.0
2	28.0	27.5	27.5	31.0	30.0	30.5	29.5	28.5	29.0	29.0	28.5	29.0
3	29.0	27.5	28.0	30.5	30.0	30.0	28.5	28.0	28.5	29.0	28.0	28.5
4	28.5	27.5	28.0	30.5	30.0	30.0	29.0	27.5	28.5	28.5	27.5	28.0
5	28.0	27.5	28.0	30.5	29.5	30.0	29.0	28.0	28.5	28.5	28.0	28.0
6	28.0	27.0	27.5	30.5	29.5	30.0	29.0	27.5	28.0	28.5	28.0	28.5
7	27.5	26.5	27.0	31.0	29.5	30.0	29.0	28.0	28.5	28.5	28.0	28.5
8	27.5	26.0	26.5	31.0	30.0	30.5	29.0	28.0	28.5	28.5	28.0	28.5
9	27.0	26.0	26.5	30.5	30.0	30.0	29.0	28.0	28.5	28.0	27.5	28.0
10	27.0	26.0	26.5	31.0	29.5	30.0	28.5	28.0	28.5	28.0	27.0	27.5
11	27.0	26.0	26.5	30.5	29.5	30.0	29.0	28.5	28.5	28.0	26.5	27.5
12	27.5	26.5	27.0	30.0	29.5	29.5	29.0	28.5	29.0	27.5	26.5	27.0
13	27.5	27.0	27.0	29.5	29.0	29.5	29.5	28.5	29.0	27.5	26.5	27.0
14	28.0	27.0	27.0	29.5	29.0	29.5	29.0	28.5	29.0	28.0	26.5	27.5
15	28.0	27.0	27.5	29.5	29.0	29.0	29.5	28.5	29.0	28.0	26.5	27.5
16	28.5	27.5	28.0	29.5	29.0	29.0	29.5	28.5	29.0	28.0	26.5	27.5
17	28.5	27.5	28.0	29.5	28.5	29.0	30.0	29.0	29.5	28.0	27.0	27.5
18	29.0	27.5	28.5	29.5	28.5	29.0	30.0	29.0	29.5	27.5	27.0	27.5
19	29.0	28.0	28.5	29.5	29.0	29.0	30.0	29.0	29.5	27.5	27.0	27.5
20	28.5	27.5	28.5	30.0	29.0	29.5	29.5	29.0	29.5	28.0	27.0	27.5
21	29.0	28.0	28.5	30.0	29.0	29.5	29.5	28.5	29.0	28.0	27.0	27.5
22	29.0	28.5	28.5	30.5	29.5	30.0	29.5	28.5	29.0	27.5	27.0	27.5
23	29.5	28.5	29.0	30.5	29.5	30.0	30.0	29.0	29.0	27.5	26.5	27.5
24	30.5	29.0	29.5	30.5	29.5	30.0	29.5	29.0	29.0	27.0	26.5	27.0
25	30.5	29.5	30.0	30.5	30.0	30.0	29.5	29.0	29.0	27.0	26.0	26.5
26	31.0	29.5	30.0	31.0	30.0	30.5	29.0	28.0	28.5	27.5	26.0	27.0
27	30.5	30.0	30.0	31.0	30.0	30.5	29.5	27.5	28.5	27.5	26.0	27.0
28	31.0	30.0	30.5	31.0	30.0	30.0	29.5	28.0	29.0	27.5	26.5	27.0
29	30.5	30.0	30.5	31.0	29.5	30.0	30.0	28.5	29.0	27.5	26.5	27.0
30	31.0	29.5	30.0	31.0	30.0	30.5	29.5	29.0	29.0	27.0	26.5	27.0
31	---	---	---	31.0	30.0	30.5	29.5	29.0	29.0	---	---	---
MONTH	31.0	26.0	28.2	31.0	28.5	29.9	30.5	27.5	28.9	29.5	26.0	27.6

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.3	5.5	6.0	7.8	7.2	7.4	9.5	8.8	9.2	10.4	10.0	10.1
2	6.3	5.3	5.8	8.0	7.3	7.5	9.5	9.0	9.2	10.2	9.9	10.1
3	6.0	5.2	5.6	8.2	7.5	7.8	9.5	8.4	9.2	10.2	10.0	10.1
4	6.1	5.2	5.6	8.6	7.7	8.0	8.9	8.2	8.5	10.4	10.1	10.3
5	6.0	5.2	5.6	8.4	7.8	8.0	9.4	8.4	8.7	10.3	9.9	10.2
6	5.9	5.1	5.5	8.4	7.8	8.1	9.4	8.4	8.9	10.3	9.8	10.1
7	5.9	5.1	5.4	8.3	7.7	8.1	9.7	8.4	9.1	10.5	9.8	10.1
8	5.8	5.0	5.4	8.5	7.7	8.1	9.6	8.8	9.2	10.4	9.7	10.0
9	6.1	5.2	5.6	8.6	7.7	8.1	9.7	8.9	9.3	10.1	9.7	9.9
10	5.9	5.1	5.5	8.4	7.7	8.1	9.6	9.0	9.4	10.0	9.6	9.9
11	5.8	5.0	5.4	8.2	7.6	8.0	9.5	8.9	9.2	10.1	9.6	9.8
12	5.7	5.0	5.4	8.2	7.5	7.9	9.6	8.8	9.2	9.9	9.4	9.7
13	5.6	5.0	5.4	8.3	7.7	8.0	9.6	9.0	9.3	9.8	9.2	9.5
14	5.4	5.0	5.3	8.4	7.8	8.1	9.9	9.0	9.4	9.9	9.4	9.6
15	---	---	---	8.7	8.0	8.2	10.5	9.6	10.0	9.9	9.4	9.7
16	---	---	---	8.8	8.1	8.5	10.6	9.9	10.3	9.9	9.3	9.6
17	---	---	---	9.0	8.5	8.8	10.5	9.9	10.2	10.2	9.7	9.9
18	5.7	5.0	5.3	9.1	8.7	8.9	10.4	9.8	10.1	10.2	9.7	10.0
19	6.0	5.2	5.6	9.3	8.8	9.1	10.1	9.7	9.9	10.5	9.7	10.1
20	6.0	5.2	5.6	9.5	8.8	9.2	10.2	9.7	10.0	10.5	10.0	10.3
21	6.1	5.4	5.7	9.5	9.0	9.3	10.2	9.8	10.0	10.8	10.1	10.4
22	6.4	5.4	5.9	9.6	9.0	9.3	10.1	9.7	9.9	10.7	10.3	10.5
23	6.6	5.8	6.2	9.6	9.1	9.3	10.0	9.5	9.8	10.8	10.0	10.5
24	6.7	5.9	6.3	9.7	9.1	9.4	10.1	9.7	9.9	10.6	10.0	10.4
25	6.6	6.0	6.3	9.6	9.1	9.4	9.8	9.3	9.7	10.7	10.3	10.5
26	7.1	5.9	6.4	9.5	8.9	9.3	9.8	9.4	9.6	10.7	10.3	10.5
27	7.1	6.2	6.6	9.5	9.1	9.3	9.8	9.2	9.5	10.8	9.5	10.2
28	7.3	6.5	6.8	9.4	9.1	9.3	9.9	9.3	9.6	9.9	9.3	9.6
29	7.1	6.3	6.7	9.3	9.0	9.2	9.8	9.4	9.6	9.9	9.4	9.7
30	7.1	6.4	6.8	9.3	8.3	8.8	9.9	9.6	9.8	10.0	9.4	9.7
31	7.4	6.4	7.0	---	---	---	10.4	9.7	9.9	10.0	9.6	9.8
MONTH	---	---	---	9.7	7.2	8.6	10.6	8.2	9.5	10.8	9.2	10.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	9.4	9.7	8.0	7.5	7.8	8.0	7.1	7.5	7.9	6.9	7.5
2	9.9	9.5	9.7	8.1	7.4	7.8	7.6	6.7	7.2	8.3	7.0	7.6
3	10.1	9.5	9.9	8.4	7.8	8.0	7.4	6.5	6.9	8.2	7.1	7.7
4	9.9	9.4	9.7	8.5	7.9	8.2	7.6	6.6	7.1	8.2	7.2	7.8
5	9.8	9.5	9.6	8.4	8.0	8.2	7.6	6.7	7.2	8.1	7.2	7.7
6	9.8	9.4	9.7	8.4	8.0	8.2	7.6	6.5	7.1	8.0	7.1	7.6
7	10.1	9.6	9.8	8.4	8.0	8.3	7.9	6.7	7.3	8.4	7.2	7.8
8	10.1	9.6	9.9	8.5	8.0	8.3	8.0	6.9	7.3	8.3	7.2	7.8
9	10.1	9.7	9.9	8.5	7.8	8.2	8.1	7.1	7.5	8.2	7.3	7.8
10	9.9	9.6	9.8	8.7	8.0	8.3	7.9	7.1	7.5	8.1	7.3	7.7
11	9.9	9.5	9.8	8.8	8.2	8.5	8.1	7.1	7.6	8.1	7.4	7.7
12	9.9	9.6	9.7	9.0	8.4	8.7	7.9	7.1	7.5	7.9	7.1	7.6
13	9.8	9.4	9.6	8.9	8.4	8.7	7.7	6.9	7.4	8.1	7.2	7.6
14	9.7	9.3	9.6	9.0	8.5	8.8	8.0	7.0	7.4	8.0	7.0	7.6
15	9.9	9.5	9.7	9.1	8.5	8.9	7.6	6.9	7.2	8.2	6.9	7.4
16	10.2	9.6	9.9	9.1	8.6	8.9	7.8	7.0	7.4	7.9	6.6	7.2
17	10.0	8.9	9.5	9.3	8.8	9.0	8.0	7.0	7.5	7.4	6.4	6.9
18	9.6	9.1	9.4	9.2	8.6	8.9	7.7	7.0	7.3	7.6	6.3	6.9
19	9.5	8.6	9.2	9.2	8.3	8.7	7.8	6.9	7.4	7.3	6.1	6.8
20	9.1	8.2	8.7	8.9	8.0	8.5	7.6	6.9	7.3	7.0	5.3	6.4
21	8.6	8.1	8.4	9.2	8.1	8.6	7.8	7.0	7.4	6.9	5.3	5.9
22	8.8	8.1	8.6	9.1	8.3	8.7	7.7	7.2	7.4	6.3	5.1	5.8
23	9.1	8.4	8.7	9.1	8.3	8.6	7.5	6.9	7.3	6.2	5.1	5.7
24	8.8	8.2	8.6	8.7	7.9	8.4	7.5	7.0	7.3	6.0	4.6	5.4
25	8.8	8.2	8.5	8.7	7.9	8.4	7.5	6.9	7.2	5.6	4.7	5.2
26	8.7	8.1	8.4	8.5	7.7	8.2	7.7	6.9	7.3	5.6	4.3	5.1
27	8.6	7.9	8.3	8.2	7.7	7.9	7.7	7.0	7.4	5.5	4.4	5.1
28	8.3	7.8	8.0	8.1	7.4	7.8	8.0	7.4	7.6	5.9	4.5	5.1
29	---	---	---	7.9	7.3	7.6	7.9	7.4	7.7	5.9	4.5	5.2
30	---	---	---	7.9	7.0	7.4	7.8	7.3	7.6	5.7	4.5	5.1
31	---	---	---	8.0	6.9	7.3	---	---	---	5.9	4.5	5.2
MONTH	10.2	7.8	9.3	9.3	6.9	8.3	8.1	6.5	7.4	8.4	4.3	6.7

COOPER RIVER BASIN

021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

WANDO RIVER BASIN

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021720698 WANDO RIVER ABOVE MT. 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 Mt. 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, 22.71 ft, Feb. 7, 1993; minimum gage height, 12.09 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.68 ft, Jan. 27; minimum gage height, 12.89 ft, Nov. 15, Dec. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.71	14.48	17.94	20.96	14.51	18.06	20.61	14.25	17.52	20.86	13.27	17.12
2	20.75	15.07	18.27	20.50	14.01	17.56	21.33	14.60	17.98	20.62	13.25	17.01
3	20.97	15.39	18.33	20.49	14.63	17.47	21.25	14.59	18.00	20.58	13.56	17.09
4	20.71	15.03	18.04	20.13	14.62	17.36	20.75	14.03	17.54	20.48	14.00	17.22
5	20.48	14.93	17.79	20.54	14.98	17.66	20.11	13.76	16.89	20.48	14.28	17.48
6	20.08	15.09	17.60	20.94	15.66	18.17	20.21	13.93	17.03	20.69	14.28	17.66
7	20.16	15.24	17.64	20.66	15.30	18.06	20.15	14.08	17.20	20.97	14.77	18.05
8	20.38	15.54	17.86	20.91	15.07	18.09	20.14	14.14	17.38	21.05	14.04	17.76
9	20.52	15.51	17.94	20.91	14.95	18.21	20.58	13.94	17.68	20.82	13.02	17.25
10	20.57	15.09	17.82	21.07	14.39	17.26	21.18	13.56	17.86	20.71	13.06	17.45
11	20.64	14.90	17.95	20.77	14.05	16.92	21.26	13.94	17.95	21.03	13.66	17.72
12	21.35	15.30	18.45	21.12	14.10	18.00	21.61	13.94	18.20	21.14	13.85	17.86
13	21.44	14.78	18.52	22.06	13.87	18.49	21.95	14.27	18.47	21.23	14.16	17.78
14	21.52	14.40	18.39	21.98	13.87	17.96	21.97	14.34	18.66	21.13	14.11	18.07
15	21.70	14.26	18.42	20.97	12.89	17.31	22.40	15.03	18.78	21.42	15.46	18.44
16	22.38	14.22	18.61	20.91	13.22	17.36	21.83	15.10	18.56	21.03	14.26	17.57
17	22.38	14.44	18.62	21.22	13.95	17.67	21.40	15.08	18.12	20.03	14.69	17.31
18	22.37	14.62	18.76	21.05	14.54	17.72	20.78	14.75	17.68	20.35	15.10	17.69
19	22.31	15.22	18.81	20.85	14.56	17.68	20.41	14.93	17.57	20.50	15.53	18.28
20	21.99	15.42	18.70	20.46	15.05	17.63	19.71	14.78	17.17	20.42	16.20	18.35
21	21.73	15.75	18.81	20.47	15.48	17.80	19.84	14.90	17.47	20.25	16.09	18.26
22	21.28	15.69	18.58	19.69	15.03	17.49	20.15	15.44	17.98	20.70	16.14	18.41
23	21.08	16.05	18.64	19.73	14.89	17.46	19.80	15.08	17.43	21.08	15.42	18.31
24	20.84	16.02	18.59	19.72	15.23	17.59	20.11	15.65	18.05	20.89	14.05	17.98
25	20.36	15.54	18.17	20.14	15.26	17.87	20.59	14.85	17.82	20.67	14.20	17.79
26	20.82	15.67	18.59	20.45	14.57	17.90	20.60	15.02	17.94	21.32	14.61	18.52
27	20.74	14.02	18.00	20.01	14.62	17.56	21.50	14.29	18.24	22.68	14.94	19.01
28	20.66	14.02	18.01	20.68	14.52	17.71	21.29	14.10	18.27	20.52	13.16	17.33
29	20.69	15.42	18.32	20.64	14.25	17.66	22.23	14.58	18.55	21.74	13.54	18.08
30	20.67	15.26	18.24	21.23	14.55	17.95	20.34	12.99	16.88	21.98	14.34	18.45
31	20.85	15.32	18.30	---	---	---	20.39	12.89	16.51	22.30	15.00	18.71
MONTH	22.38	14.02	18.28	22.06	12.89	17.72	22.40	12.89	17.79	22.68	13.02	17.87

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	21.66	14.78	18.42	21.94	14.16	18.33	21.02	13.85	17.43	21.72	14.87	18.16
2	21.47	15.17	18.53	21.41	13.95	17.94	20.58	14.19	17.27	20.73	14.85	17.72
3	22.25	16.12	19.19	20.61	13.59	17.05	20.36	14.37	17.43	20.53	14.80	17.88
4	22.28	14.36	18.74	20.71	14.34	17.67	21.12	14.69	17.41	20.52	15.31	18.02
5	20.59	14.73	17.77	20.63	14.52	17.52	20.71	15.46	18.15	20.34	15.23	17.97
6	21.24	15.66	18.57	20.58	15.35	18.02	20.68	15.04	18.13	20.36	15.18	17.88
7	22.18	15.38	19.19	20.94	15.69	18.44	20.32	14.94	17.94	20.63	15.17	18.11
8	22.11	15.51	19.12	21.44	15.51	18.54	20.36	14.89	17.87	20.38	15.02	17.93
9	22.13	15.61	19.12	20.59	13.19	17.40	20.17	13.98	17.58	20.89	14.91	18.01
10	21.78	15.21	18.74	19.16	13.19	16.58	20.22	13.49	17.10	21.33	15.02	18.25
11	21.63	14.86	18.51	20.32	13.61	17.60	21.29	14.86	18.37	21.79	15.44	18.66
12	20.49	14.20	17.49	20.52	14.40	17.54	21.20	15.27	18.38	21.54	15.51	18.56
13	20.85	14.23	17.77	20.33	14.72	17.73	21.21	15.36	18.34	21.84	15.54	18.67
14	20.64	14.76	17.86	19.94	14.45	17.26	20.83	14.90	18.01	22.03	15.95	18.98
15	20.84	15.82	18.41	20.10	13.74	17.00	20.72	14.81	17.75	21.81	16.16	19.00
16	21.49	16.19	18.87	20.47	14.98	17.63	20.64	14.99	17.77	21.66	15.63	18.54
17	21.36	15.52	18.66	20.30	15.33	17.94	20.48	14.97	17.53	21.25	15.46	18.17
18	20.32	15.19	17.56	20.37	15.45	17.83	20.19	14.94	17.53	21.15	15.03	18.13
19	19.86	15.61	17.74	20.37	15.44	17.78	20.42	15.23	17.75	21.21	15.36	18.39
20	20.17	15.84	17.97	20.18	15.78	17.82	20.07	14.73	17.60	20.90	14.49	17.91
21	20.01	15.27	17.77	19.56	14.64	16.92	20.94	15.42	18.41	21.11	14.24	18.00
22	20.57	15.31	18.28	19.30	14.75	17.02	21.25	14.68	18.45	22.01	14.49	18.64
23	22.09	13.70	18.49	20.11	15.20	17.88	21.31	14.36	18.37	22.15	14.30	18.71
24	20.51	13.73	17.35	20.70	14.74	17.93	21.68	14.18	18.41	22.45	14.11	18.57
25	21.29	13.57	18.09	20.96	14.63	18.15	21.71	13.37	17.93	22.14	13.91	18.34
26	22.18	14.12	18.72	21.09	14.04	17.97	21.77	13.16	17.83	21.82	13.50	17.88
27	22.64	14.62	18.96	21.31	13.57	17.84	21.73	12.94	17.55	21.67	13.86	17.69
28	22.27	14.14	18.56	21.39	13.41	17.75	22.38	14.04	18.38	21.61	14.08	17.78
29	---	---	---	21.19	13.13	17.44	21.84	14.46	18.26	21.43	14.68	18.02
30	---	---	---	21.26	13.26	17.37	21.72	14.92	18.23	21.32	15.02	18.03
31	---	---	---	21.22	13.64	17.46	---	---	---	21.03	15.38	18.11
MONTH	22.64	13.57	18.37	21.94	13.13	17.66	22.38	12.94	17.91	22.45	13.50	18.22

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.60	14.97	17.76	19.55	14.53	17.23	20.52	14.97	18.00	20.83	15.66	18.21
2	20.22	15.41	17.94	19.86	15.03	17.58	20.93	16.20	18.59	20.75	15.15	18.03
3	20.50	15.56	18.10	20.22	15.13	17.71	20.93	15.75	18.42	21.97	13.41	18.54
4	20.69	15.38	18.12	20.48	15.49	17.99	21.06	15.45	18.27	20.41	13.11	16.74
5	20.34	15.24	18.11	20.20	14.97	17.62	21.16	15.03	18.21	21.37	13.58	17.67
6	20.48	15.19	17.91	21.02	14.94	17.98	21.46	14.75	18.17	21.75	13.98	18.03
7	20.77	15.12	17.95	21.13	15.03	18.11	21.48	14.38	18.07	21.34	13.87	17.95
8	20.67	14.55	17.66	21.07	14.66	17.90	21.41	14.12	17.93	21.04	13.41	17.55
9	20.59	14.14	17.46	20.96	14.11	17.56	21.36	14.02	17.84	21.73	13.75	18.06
10	20.41	14.03	17.17	21.49	14.33	17.80	21.23	14.02	17.83	21.49	14.29	18.10
11	21.03	14.31	17.65	21.71	14.82	18.22	21.00	13.91	17.73	21.32	14.35	18.03
12	21.10	14.49	17.80	21.77	15.09	18.50	20.90	14.03	17.70	21.09	14.43	17.89
13	20.66	14.37	17.54	21.46	14.90	18.35	20.86	14.11	17.75	21.00	14.46	17.82
14	21.07	14.33	17.67	21.40	14.98	18.38	21.07	14.30	17.94	20.96	14.85	17.99
15	21.03	14.32	17.40	21.44	14.94	18.17	21.13	14.51	18.05	21.15	15.21	18.30
16	20.32	13.87	17.17	20.76	14.31	17.61	20.96	14.42	17.83	21.17	15.08	18.35
17	20.11	13.81	17.17	20.60	13.69	17.30	20.74	14.17	17.70	21.16	15.03	18.37
18	20.71	14.06	17.62	20.83	13.62	17.40	20.51	14.03	17.47	21.38	14.91	18.34
19	21.00	13.99	17.72	21.02	13.81	17.59	21.04	13.93	17.59	21.45	15.16	18.56
20	21.30	13.99	17.76	21.04	13.69	17.60	21.71	14.83	18.46	21.48	15.36	18.60
21	21.50	13.79	17.97	20.88	13.32	17.36	21.50	14.84	18.40	21.21	15.39	18.57
22	21.59	13.65	17.88	20.97	13.16	17.23	21.24	14.69	18.21	20.79	15.25	18.22
23	21.73	13.53	17.80	20.88	13.27	17.15	20.94	14.87	17.98	21.16	15.18	18.58
24	21.79	13.86	17.97	20.69	13.63	17.15	20.75	14.92	17.95	21.23	16.16	18.74
25	21.87	14.41	18.14	20.66	13.94	17.31	20.82	14.95	18.04	20.95	15.94	18.44
26	21.48	14.56	18.09	20.51	14.07	17.23	20.44	15.11	17.78	20.58	15.86	18.21
27	20.74	14.64	17.84	20.73	14.92	17.88	19.00	13.99	16.64	20.44	15.92	18.10
28	20.79	14.71	17.77	20.55	15.01	17.73	19.28	14.50	16.91	20.35	15.89	18.00
29	20.65	15.20	18.08	20.10	14.94	17.68	19.96	15.06	17.49	20.59	15.76	18.11
30	20.66	15.24	17.73	19.76	14.89	17.33	20.17	15.59	17.81	20.89	15.83	18.39
31	---	---	---	19.63	14.59	17.07	20.38	15.53	17.89	---	---	---
MONTH	21.87	13.53	17.77	21.77	13.16	17.67	21.71	13.91	17.89	21.97	13.11	18.15
YEAR	22.68	12.89	17.94									

WANDO RIVER BASIN

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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.--Data collection platform and Hydrolab water-quality monitor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 42,900 microsiemens, Aug. 3, 1998; minimum, 15,000 microsiemens, Feb. 21, 1998.

WATER TEMPERATURE: Maximum, 31.5°C, June 26, 28, 29, 1998; minimum, 9.0°C, Jan. 2, 1998.

DISSOLVED OXYGEN: Maximum 11.3 mg/L, Jan. 2, 1998; minimum 3.6 mg/L, Sept. 17, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 42,900 microsiemens, Aug. 3; minimum, 15,000 microsiemens, Feb. 21.

WATER TEMPERATURE: Maximum, 31.5°C, June 26, 28, 29; minimum, 9.0°C, Jan. 2.

DISSOLVED OXYGEN: Maximum 11.3 mg/L, Jan. 2; minimum 4.0 mg/L, Aug. 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	33300	28400	31100	34200	29100	31200	34800	30000	32400	31100	25600	28200
2	34700	31000	32400	32400	28900	30400	36000	30600	32900	30500	26800	28000
3	35700	30800	32900	32400	28900	29800	36200	30700	32900	30000	26100	27700
4	35500	31300	33000	33500	28300	29800	34400	30200	32200	31200	26800	28000
5	34500	31300	32900	34100	27900	29900	32900	29700	31200	31900	26800	28700
6	34600	31500	32900	35700	29100	31100	31700	29200	30700	32400	26300	29100
7	34900	31000	32900	35400	29100	31200	32700	29300	30800	32400	26500	29200
8	34600	31500	33100	35400	29100	31500	33400	30200	31500	32600	25000	28500
9	35600	31700	33200	35300	29100	32200	34000	30000	31900	29200	23600	26500
10	34700	31600	33000	36100	28700	32600	35500	29800	32000	28200	23100	25300
11	35300	31300	33100	36100	28700	32400	35400	30000	32200	32000	23900	26500
12	37800	31800	33700	36800	28700	32300	36300	30000	32400	33000	23500	27500
13	37900	31700	34600	37900	28900	32600	37000	30000	32600	33000	24000	27700
14	38400	31900	34800	37200	27900	31200	37400	30000	33100	32200	24000	27900
15	38700	31700	34600	32200	27300	29100	39200	30500	33700	33500	25300	28700
16	40200	32100	35300	31800	27400	28900	37700	30600	33400	32700	24400	27800
17	41200	32500	35800	33900	27500	29600	35300	31100	32600	28500	24000	26700
18	41500	32900	36000	33400	27900	29600	33100	29900	31900	31000	24000	27200
19	40100	32800	35600	32400	26900	29400	33600	29900	31900	32700	24200	28000
20	39000	33000	34900	32800	27500	29500	32300	28400	30900	33900	25000	29100
21	38000	33200	34500	34000	28500	30500	33200	29200	31200	33600	25600	28800
22	37500	33100	34300	33200	28200	30500	35900	31300	33100	34000	27200	29700
23	37000	32700	34400	33400	28300	30700	36200	31000	33100	32400	22900	27800
24	35800	32800	34100	35300	28200	31600	37500	31200	33800	28300	21900	25400
25	34800	31200	33300	36100	30200	33000	35800	30700	32800	26300	22100	24300
26	35300	30900	33000	36600	30800	33900	34900	30600	32200	27500	22100	24800
27	34300	30400	32100	35500	30900	33200	35100	29500	32000	30600	21400	25400
28	34500	29700	31600	35700	30900	33100	33900	29100	31100	24000	19000	21700
29	34800	29900	31900	34800	30700	32700	35800	28900	31500	25000	19200	21400
30	33700	30000	31600	35800	30500	33000	30600	27700	29100	29000	19300	22700
31	34300	30100	31800	---	---	---	30300	26600	28000	30500	20600	24500
MONTH	41500	28400	33500	37900	26900	31200	39200	26600	32000	34000	19000	26900

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	29000	20800	24300	30500	22100	25900	27900	20900	23300	33300	27000	29100
2	29100	21100	24500	29400	21500	24700	27300	21000	23900	30000	26900	28000
3	30700	21800	25900	26300	21100	23000	27800	22000	24600	29500	26700	27900
4	30200	19700	25100	26500	21500	23300	29200	22000	24700	30200	26600	28100
5	24500	19800	22100	26800	21600	23800	29900	22700	25400	30500	26400	28100
6	25200	20200	21800	27900	21900	24300	31700	23000	26300	29900	26500	28000
7	29400	19900	24000	29800	22600	25500	28700	23200	25900	31400	26800	28200
8	30200	20200	24900	30000	23300	25900	28600	23100	25900	30100	26000	27700
9	30700	20700	25700	28300	19900	24700	27200	21800	25000	31600	25700	27500
10	29400	20800	25000	24300	19900	22200	26400	21100	24000	32300	25700	28200
11	27900	20900	24300	28200	19900	22800	31300	22300	26100	33200	25900	28700
12	24700	20400	22800	27600	20700	23000	30100	22900	26400	32600	25600	29100
13	26300	20600	23000	26800	21000	23400	29500	22900	26100	33100	25900	29300
14	28800	21100	23700	25900	21000	23400	29400	21800	25900	34100	26300	29900
15	31200	22200	25800	27500	20600	23500	27400	22200	25100	33800	27500	30000
16	29700	22800	26900	28100	21900	24600	28400	23100	25100	33400	27200	29200
17	28700	18100	22600	29400	22200	25700	26600	23200	24700	31700	26900	28200
18	22500	15700	19000	29200	23000	25900	28700	22400	24800	29000	26100	27500
19	21900	16100	18300	27000	20100	23900	30700	23300	25600	30200	26100	27700
20	31100	15400	20700	26300	21200	22800	29800	22500	25900	30500	25900	28000
21	35200	15000	23200	23400	19700	21500	32200	23800	27800	31100	27600	28700
22	35000	19800	25500	28700	19500	22200	33700	24100	29000	33600	26100	28900
23	33900	21600	28800	30600	20300	25000	33000	23200	29200	34600	25700	29900
24	31200	21600	27200	30400	21600	26000	34500	25400	29900	34700	26800	29800
25	31700	22200	27700	30200	22200	26600	33200	25000	28900	33800	26600	29500
26	34600	22600	28500	30300	21500	26200	33000	25100	28600	31500	26200	28500
27	35000	23300	28900	30000	21400	25700	33000	24900	28200	30800	25500	27400
28	32700	22400	27300	29300	21100	24900	36400	25800	29600	31700	25200	27000
29	---	---	---	27300	21100	23800	35000	26300	30000	31300	25500	27400
30	---	---	---	28800	20800	23400	34900	27100	29700	33000	26500	28200
31	---	---	---	27700	21000	23500	---	---	---	32200	26700	28500
MONTH	35200	15000	24600	30600	19500	24200	36400	20900	26500	34700	25200	28500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	31200	27500	28600	35500	30500	32400	39900	30700	34400	37900	33300	34900
2	33800	27400	29200	38100	31500	33400	42800	33600	37500	40500	32900	35900
3	34700	28200	29800	37500	32400	34300	42900	35600	38600	40900	35500	37500
4	35500	28200	30800	38300	32600	34900	42800	35900	38800	36600	33800	35600
5	34300	28500	31200	36800	33100	34700	42400	36100	39100	39500	34500	35700
6	36200	28600	31500	39600	33000	35500	42800	36400	39100	41200	35100	36600
7	37300	27900	32400	39000	33900	36100	42400	35400	39100	39900	35000	36800
8	38100	30500	34200	37700	33800	35600	42800	35700	39000	38900	35000	36200
9	38400	30900	34600	37500	32900	35000	42100	36100	38800	40300	34700	36200
10	36600	31000	34400	38400	34300	35300	40600	36100	38100	39700	34700	36200
11	38000	31600	34200	39700	33700	35500	39800	34000	37400	39400	33900	35900
12	37200	31700	33900	40000	32300	35800	39700	35000	36900	38000	33900	35600
13	36600	31700	33200	39800	33400	35900	39100	34600	36400	37400	33400	35000
14	35300	30900	32400	39700	34000	36000	38700	34100	36000	37600	33300	35000
15	35200	30400	32100	39900	32900	35700	38900	35200	36500	38000	34000	35400
16	33000	29600	31300	37000	33600	34500	38600	34700	36300	39800	34300	36500
17	32600	28600	30700	35900	30500	33400	37200	34000	36100	38700	36100	36900
18	34600	28100	31000	35700	31100	32800	38400	34300	35700	38300	35400	36500
19	35500	28600	31200	36700	30400	32500	38600	33000	35000	38600	35400	36400
20	36000	30100	31900	35700	30900	32500	40500	35200	36600	39200	35400	36400
21	36500	29800	32300	36300	31300	33000	40000	35000	36900	38200	32200	35800
22	37500	29600	32500	35900	31500	33300	39800	34700	36500	33600	29400	31000
23	36800	29800	32000	35800	30300	33000	39400	34800	36100	34400	27300	30600
24	36700	30300	32300	34400	30300	32300	37800	33000	35500	35300	27700	31000
25	37500	30400	32500	---	---	---	38600	33700	35400	34200	28800	31100
26	36000	29900	32200	---	---	---	38300	33500	35900	35300	28700	31600
27	35200	29900	31500	---	---	---	36300	33100	34900	35400	28700	31500
28	33100	29000	30900	---	---	---	36800	31100	34300	34400	29000	31300
29	35700	30500	32300	---	---	---	35500	31500	33500	37700	29300	32400
30	36800	31900	33100	35100	31200	32700	38500	32500	34200	38100	31100	33900
31	---	---	---	36400	30700	33000	37900	32800	34400	---	---	---
MONTH	38400	27400	32000	---	---	---	42900	30700	36500	41200	27300	34700

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	24.5	25.0	19.0	18.5	19.0	15.5	15.0	15.5	10.5	9.5	10.0
2	25.0	24.5	24.5	19.0	18.5	19.0	15.0	14.5	15.0	10.0	9.0	9.5
3	24.5	24.0	24.5	19.0	18.5	18.5	15.0	14.5	15.0	10.5	9.5	10.0
4	24.5	24.0	24.0	18.5	18.0	18.5	15.5	15.0	15.0	11.0	10.0	10.5
5	25.0	24.0	24.5	18.5	18.0	18.0	15.0	14.5	15.0	11.5	10.5	11.0
6	26.0	24.5	25.0	18.5	17.5	18.0	15.0	13.5	14.0	12.5	11.0	11.5
7	25.5	24.5	25.0	18.0	17.5	18.0	14.0	12.5	13.5	13.5	11.5	12.5
8	25.5	25.0	25.5	18.0	17.0	17.5	13.5	12.0	13.0	14.5	12.5	13.5
9	26.0	25.0	25.5	17.5	16.5	17.0	13.0	12.0	12.5	14.5	13.0	13.5
10	26.0	25.0	25.5	17.5	16.5	17.0	13.5	12.5	13.0	14.0	12.5	13.5
11	26.0	25.0	25.5	17.0	16.5	17.0	13.0	12.5	13.0	14.0	12.5	13.0
12	26.0	25.0	25.5	17.0	16.0	16.5	13.0	13.0	13.0	13.5	12.5	13.0
13	25.5	25.0	25.5	16.5	16.0	16.5	13.0	12.5	13.0	13.5	13.0	13.0
14	25.5	25.0	25.5	16.5	16.0	16.0	12.5	12.0	12.5	13.5	13.0	13.0
15	25.5	25.0	25.0	16.0	15.5	16.0	12.0	10.5	11.5	13.0	12.5	13.0
16	25.0	23.5	24.0	16.0	15.5	15.5	11.0	10.0	11.0	13.0	12.5	13.0
17	23.5	22.5	23.0	15.5	14.5	15.0	11.0	10.5	11.0	12.5	12.5	12.5
18	23.0	21.5	22.5	15.5	14.5	15.0	11.0	10.5	11.0	12.5	12.0	12.5
19	22.0	20.5	21.5	15.0	14.0	15.0	11.5	11.0	11.0	12.5	11.5	12.0
20	21.5	20.5	21.0	15.0	14.0	14.5	11.5	10.5	11.0	12.0	11.0	12.0
21	21.5	20.5	21.0	15.5	14.5	15.0	12.0	11.0	11.5	12.0	11.0	11.5
22	21.0	20.5	21.0	16.0	15.0	15.5	12.0	11.5	11.5	12.0	11.5	11.5
23	20.5	19.5	20.0	16.5	15.5	16.0	12.0	11.5	12.0	12.5	11.5	12.0
24	20.5	19.5	20.0	16.0	15.0	15.5	12.5	11.5	12.0	12.5	12.0	12.5
25	20.0	19.5	20.0	15.5	14.5	15.0	13.0	12.0	12.5	12.5	11.5	12.0
26	20.5	20.0	20.0	15.5	14.5	15.0	13.0	12.5	12.5	12.0	11.5	11.5
27	20.5	20.0	20.5	15.0	14.5	15.0	12.5	12.5	12.5	12.0	11.5	11.5
28	20.0	19.0	19.5	15.0	14.5	15.0	12.5	11.5	12.0	11.5	11.5	11.5
29	19.5	19.0	19.0	15.0	15.0	15.0	12.0	11.0	11.5	11.5	11.0	11.5
30	19.5	18.5	19.0	15.5	15.0	15.5	11.5	10.5	11.0	12.0	11.5	11.5
31	19.0	18.5	19.0	---	---	---	11.0	10.0	10.5	12.0	11.5	11.5
MONTH	26.0	18.5	22.8	19.0	14.0	16.3	15.5	10.0	12.5	14.5	9.0	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.5	11.5	16.0	14.0	15.0	21.0	18.5	19.5	21.0	20.5	20.5
2	11.5	11.0	11.5	16.0	14.5	15.0	21.0	19.0	20.0	21.5	20.5	21.0
3	12.0	11.5	11.5	15.0	14.0	14.5	20.5	19.0	20.0	21.5	20.5	21.0
4	12.0	11.5	12.0	14.0	14.0	14.0	20.5	19.0	19.5	21.5	20.5	21.0
5	12.0	11.0	11.5	14.0	13.5	14.0	20.0	18.5	19.0	22.0	21.0	21.5
6	11.5	11.0	11.0	14.0	13.5	13.5	19.5	18.0	19.0	23.0	21.5	22.0
7	11.0	10.5	11.0	14.0	13.5	13.5	19.5	18.0	19.0	22.5	21.5	22.0
8	11.0	10.0	10.5	14.5	13.5	14.0	20.0	18.5	19.5	23.0	22.0	22.5
9	10.5	10.0	10.5	15.5	14.0	14.5	20.0	19.0	19.5	23.0	22.0	22.5
10	10.5	10.0	10.5	15.5	14.0	14.5	20.0	18.5	19.0	23.5	22.5	23.0
11	11.0	10.5	10.5	14.5	13.0	13.5	19.0	18.0	18.5	23.5	22.5	23.0
12	12.0	11.0	11.0	13.5	12.5	13.0	19.5	18.0	18.5	24.0	22.5	23.0
13	11.5	11.0	11.5	13.0	12.0	12.5	19.5	18.5	18.5	24.0	22.5	23.0
14	11.5	11.0	11.5	13.0	12.0	12.5	19.0	18.5	18.5	24.5	22.5	23.0
15	11.5	11.0	11.0	13.5	12.5	13.0	19.0	18.5	18.5	24.5	23.0	23.5
16	11.5	11.0	11.5	13.5	12.5	13.0	20.5	18.5	19.0	25.0	23.0	24.0
17	13.5	11.5	12.5	13.5	13.0	13.0	20.5	19.0	20.0	25.5	23.5	24.5
18	14.5	12.5	13.0	13.5	13.0	13.0	21.0	19.5	20.0	25.5	24.0	24.5
19	14.5	12.5	13.5	15.0	13.0	14.0	21.5	19.5	20.5	26.0	24.0	25.0
20	14.5	12.5	13.5	15.5	13.5	14.5	21.5	20.0	21.0	26.5	24.5	25.5
21	15.0	12.5	13.5	15.0	14.0	14.5	21.0	20.0	20.5	26.5	24.5	25.5
22	14.5	12.5	13.5	15.0	13.5	14.0	21.0	20.0	20.5	27.0	25.0	26.0
23	13.5	12.5	13.0	14.5	13.5	14.0	21.0	20.0	20.0	27.0	25.5	26.0
24	13.5	12.5	13.0	14.5	13.5	14.0	20.5	19.5	20.0	27.5	25.5	26.5
25	13.5	12.5	13.0	14.5	14.0	14.0	20.5	19.5	20.0	28.0	26.0	27.0
26	14.0	13.0	13.5	15.5	14.0	14.5	21.0	20.0	20.5	28.5	26.5	27.0
27	14.0	13.5	13.5	16.0	14.5	15.5	21.5	20.0	20.5	28.0	27.0	27.5
28	15.0	13.5	14.0	17.5	15.5	16.5	21.0	20.0	20.5	28.0	27.0	27.5
29	---	---	---	18.5	16.5	17.0	21.0	20.0	20.5	28.5	27.0	27.5
30	---	---	---	19.5	17.0	18.0	21.0	20.5	20.5	28.5	27.0	27.5
31	---	---	---	20.5	17.5	18.5	---	---	---	28.5	27.0	28.0
MONTH	15.0	10.0	12.1	20.5	12.0	14.4	21.5	18.0	19.7	28.5	20.5	24.3

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.0	27.5	28.0	31.0	29.5	30.5	30.5	29.0	29.5	30.0	29.0	29.5
2	28.5	27.5	28.0	31.0	30.0	30.5	29.0	28.0	28.5	29.5	29.0	29.5
3	29.0	27.0	28.0	30.5	29.5	30.0	28.0	27.5	28.0	29.5	28.0	28.5
4	29.0	27.0	28.0	30.5	29.5	30.0	28.5	27.5	28.0	28.5	27.5	28.0
5	29.0	27.0	28.0	30.5	30.0	30.0	28.5	27.5	28.0	28.5	27.5	28.0
6	28.5	26.5	27.5	31.0	29.5	30.0	28.5	27.5	28.0	29.0	28.0	28.5
7	28.0	26.0	27.0	30.5	29.5	30.0	28.5	27.5	28.0	28.5	28.0	28.5
8	28.0	25.5	26.5	30.5	29.5	30.0	29.0	28.0	28.5	29.0	28.5	28.5
9	27.0	25.5	26.0	30.5	30.0	30.0	29.0	28.0	28.5	28.5	27.5	28.0
10	27.0	25.5	26.0	31.0	30.0	30.5	28.5	28.0	28.5	28.0	27.0	27.5
11	27.0	25.5	26.0	30.5	29.5	30.0	29.0	28.5	28.5	28.0	27.0	27.5
12	27.5	26.0	26.5	30.5	29.5	30.0	30.0	28.5	29.0	28.0	27.0	27.5
13	28.0	26.5	27.0	30.0	29.0	29.5	29.5	28.5	29.0	28.0	27.0	27.5
14	28.0	26.5	27.5	29.5	29.0	29.5	29.5	28.5	29.0	28.0	27.0	27.5
15	28.5	27.0	27.5	29.5	29.0	29.5	30.0	28.5	29.5	28.0	27.0	27.5
16	29.0	27.0	28.0	29.5	29.0	29.5	30.0	29.0	29.5	28.0	27.5	27.5
17	29.0	27.5	28.5	29.5	29.0	29.0	30.0	29.0	29.5	28.0	27.5	28.0
18	29.5	27.5	28.5	29.5	29.0	29.0	30.0	29.5	29.5	28.0	27.5	28.0
19	29.5	28.0	28.5	30.0	29.0	29.5	30.0	29.0	29.5	28.0	27.5	27.5
20	29.0	28.0	28.5	30.0	29.0	29.5	30.0	29.0	29.5	28.0	27.5	27.5
21	29.5	28.0	28.5	30.5	29.5	30.0	29.0	28.5	29.0	28.0	27.5	27.5
22	30.0	28.0	29.0	30.5	29.5	30.0	29.0	28.5	29.0	27.5	27.0	27.5
23	30.0	28.5	29.0	30.5	29.5	30.0	29.5	28.5	29.0	27.5	27.0	27.5
24	31.0	29.0	29.5	30.5	29.5	30.0	30.0	29.0	29.0	27.5	27.0	27.0
25	31.0	29.0	30.0	---	---	---	29.5	29.0	29.5	27.5	26.5	27.0
26	31.5	29.5	30.0	---	---	---	29.0	28.0	28.5	27.5	26.5	27.0
27	31.0	29.5	30.5	---	---	---	29.0	27.5	28.0	27.5	27.0	27.0
28	31.5	30.0	30.5	---	---	---	29.5	28.0	28.5	27.5	27.0	27.5
29	31.5	30.0	30.5	---	---	---	29.5	28.5	29.0	27.5	27.0	27.5
30	31.0	30.0	30.5	31.0	30.0	30.5	30.0	28.5	29.0	27.5	27.0	27.0
31	---	---	---	31.0	29.5	30.5	30.0	29.0	29.5	---	---	---
MONTH	31.5	25.5	28.3	---	---	---	30.5	27.5	28.8	30.0	26.5	27.8

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.5	5.5	6.0	7.3	6.9	7.2	8.8	8.4	8.7	11.2	10.6	10.9
2	6.2	5.4	5.8	7.6	7.2	7.4	9.0	8.7	8.8	11.3	10.7	11.0
3	6.6	5.7	6.1	8.0	7.5	7.8	9.1	8.7	8.9	11.2	10.7	10.9
4	6.5	5.8	6.1	8.3	7.7	8.0	8.9	8.6	8.8	11.2	10.7	11.0
5	6.7	5.7	6.1	8.4	7.8	8.1	9.1	8.6	8.9	11.1	10.8	10.9
6	6.8	5.8	6.2	8.5	7.9	8.3	9.5	8.8	9.2	10.8	10.4	10.7
7	6.9	5.6	6.2	8.4	8.1	8.3	9.8	9.0	9.4	10.6	10.2	10.4
8	7.0	5.4	6.3	8.8	8.1	8.3	9.8	9.3	9.5	10.4	9.5	10.1
9	6.9	5.7	6.3	8.7	8.1	8.3	9.7	9.4	9.5	10.1	9.4	9.8
10	6.8	5.5	6.2	8.8	8.2	8.4	9.7	9.4	9.5	10.1	9.4	9.8
11	6.4	5.3	6.0	8.6	8.0	8.3	9.4	9.2	9.3	10.1	9.4	9.8
12	6.3	5.3	5.9	8.4	7.7	8.1	9.3	9.0	9.2	10.2	9.3	9.8
13	6.1	5.3	5.7	8.1	7.6	7.8	9.4	9.0	9.1	10.0	9.2	9.7
14	5.8	5.1	5.4	8.0	7.6	7.7	9.6	9.0	9.2	10.2	9.1	9.7
15	5.8	4.8	5.3	8.2	7.7	7.9	10.0	9.4	9.7	10.2	9.7	10.0
16	6.0	5.1	5.6	8.5	8.0	8.2	10.4	10.0	10.2	10.1	9.6	9.9
17	6.3	5.5	5.9	8.8	8.2	8.5	10.4	10.1	10.2	10.2	10.0	10.1
18	6.5	5.8	6.1	8.8	8.6	8.7	10.4	10.1	10.3	10.4	10.1	10.3
19	6.8	6.0	6.3	9.0	8.6	8.8	10.6	10.1	10.3	10.5	10.2	10.4
20	6.8	6.2	6.5	9.1	8.7	9.0	10.7	10.1	10.4	10.6	10.2	10.4
21	7.0	6.3	6.6	9.3	8.9	9.1	10.7	10.3	10.5	10.7	10.3	10.5
22	6.9	6.5	6.7	9.6	9.0	9.2	10.5	10.1	10.4	10.6	10.3	10.5
23	7.1	6.6	6.9	9.6	9.0	9.2	10.7	10.0	10.3	10.5	9.7	10.2
24	7.2	6.8	7.0	9.6	8.9	9.2	10.4	10.0	10.3	10.1	9.7	9.9
25	7.3	6.9	7.0	9.6	8.9	9.2	10.5	10.0	10.2	10.2	9.8	9.9
26	7.4	6.8	7.0	9.3	8.9	9.1	10.2	9.9	10.0	10.1	9.6	9.8
27	7.3	6.8	7.1	9.4	8.8	9.1	10.0	9.8	9.9	10.1	9.6	9.7
28	7.6	7.0	7.3	9.2	8.9	9.0	10.0	9.9	10.0	10.0	9.6	9.7
29	7.4	7.0	7.3	8.9	8.6	8.8	10.1	9.9	10.0	9.9	9.4	9.7
30	7.4	7.0	7.2	9.0	8.6	8.8	10.6	10.0	10.3	9.9	9.4	9.6
31	7.3	7.0	7.1	---	---	---	11.0	10.3	10.6	9.8	9.2	9.5
MONTH	7.6	4.8	6.4	9.6	6.9	8.5	11.0	8.4	9.7	11.3	9.1	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.8	9.3	9.5	9.1	8.4	8.7	7.9	7.1	7.6	7.8	6.9	7.4
2	9.8	9.4	9.5	9.0	8.2	8.7	7.9	7.0	7.6	7.8	6.6	7.4
3	9.6	9.2	9.4	9.3	8.6	9.0	7.6	7.0	7.3	8.0	6.8	7.6
4	9.5	9.0	9.2	9.6	9.2	9.3	7.5	6.8	7.3	8.0	7.2	7.7
5	9.3	9.1	9.2	9.5	9.3	9.4	7.9	7.2	7.5	8.2	6.9	7.7
6	9.3	9.1	9.2	9.6	9.2	9.3	7.8	7.0	7.5	8.1	6.9	7.4
7	9.4	9.1	9.2	9.5	9.1	9.3	7.8	7.1	7.5	8.5	6.5	7.6
8	9.5	9.2	9.4	9.6	9.1	9.3	7.6	7.3	7.5	8.6	7.7	8.1
9	9.5	9.2	9.4	9.5	9.1	9.3	7.7	7.2	7.6	8.4	7.4	7.9
10	9.4	9.1	9.2	9.6	9.2	9.4	7.9	7.1	7.6	---	---	---
11	9.3	8.9	9.1	9.9	9.4	9.7	8.0	7.2	7.8	---	---	---
12	9.1	8.9	9.1	10.2	9.6	10.0	8.1	7.4	7.7	---	---	---
13	9.2	8.9	9.1	10.3	9.9	10.1	7.9	7.0	7.6	---	---	---
14	9.4	9.0	9.2	10.3	9.9	10.1	7.8	7.0	7.5	---	---	---
15	9.7	9.1	9.4	10.3	9.9	10.1	7.6	6.8	7.4	---	---	---
16	9.8	9.5	9.7	10.4	10.0	10.2	7.7	6.8	7.4	---	---	---
17	9.7	9.2	9.4	10.4	9.8	10.1	7.7	7.1	7.5	---	---	---
18	9.4	9.1	9.2	10.1	9.7	9.9	7.7	6.8	7.4	---	---	---
19	9.3	8.9	9.2	9.9	9.4	9.7	7.7	6.8	7.4	---	---	---
20	9.3	8.8	9.1	9.7	9.1	9.5	7.7	6.7	7.3	---	---	---
21	9.5	8.8	9.1	9.6	9.1	9.4	7.8	6.8	7.3	7.3	6.1	6.8
22	9.4	8.9	9.1	9.9	9.1	9.5	7.7	6.3	7.3	7.1	6.0	6.4
23	9.4	8.8	9.1	9.8	9.2	9.4	7.3	6.2	7.1	6.5	5.4	6.0
24	9.3	8.8	9.2	9.5	8.9	9.3	7.5	6.5	7.1	6.2	4.9	5.5
25	9.8	9.0	9.3	9.4	9.0	9.2	7.5	6.5	7.1	6.0	4.6	5.3
26	9.7	9.1	9.4	9.2	8.6	9.0	7.6	6.6	7.2	5.8	4.5	5.2
27	9.6	8.8	9.2	9.0	8.4	8.7	7.6	6.8	7.3	6.0	4.8	5.2
28	9.3	8.6	8.9	8.7	8.1	8.4	8.1	7.0	7.5	5.7	4.6	5.1
29	---	---	---	8.3	7.8	8.0	8.0	7.1	7.6	5.5	4.4	5.0
30	---	---	---	8.1	7.3	7.8	7.9	7.1	7.5	5.5	4.2	4.9
31	---	---	---	7.9	7.1	7.6	---	---	---	5.6	4.3	5.0
MONTH	9.8	8.6	9.3	10.4	7.1	9.3	8.1	6.2	7.4	---	---	---

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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

COOPER RIVER BASIN

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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 Custom House Wharf.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF DAILY RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 20.00 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 10.73 ft, Jan. 27, 1998; minimum gage height, 0.99 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.73 ft, Jan. 27; minimum gage height, 0.99 ft, Dec. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.81	2.90	6.13	9.06	2.90	6.27	8.73	2.61	5.73	8.69	1.48	5.07
2	8.90	3.51	6.47	8.62	2.47	5.78	9.40	3.08	6.18	8.42	1.44	4.95
3	9.08	3.82	6.53	8.85	2.92	5.78	9.32	3.05	6.19	8.36	1.78	5.01
4	8.81	3.45	6.22	8.50	3.00	5.68	8.86	2.49	5.75	8.25	2.09	5.11
5	8.58	3.33	5.98	8.94	3.35	6.01	8.21	2.15	5.11	8.23	2.40	5.35
6	8.41	3.44	5.88	9.34	4.10	6.55	8.32	2.33	5.25	8.44	2.34	5.51
7	8.46	3.52	5.92	9.09	3.77	6.44	8.26	2.47	5.42	8.72	2.74	5.87
8	8.69	3.83	6.15	9.33	3.53	6.47	8.23	2.54	5.59	9.15	2.49	5.94
9	8.83	3.80	6.22	9.34	3.42	6.62	8.70	2.39	5.87	8.88	1.44	5.41
10	8.86	3.43	6.09	9.52	2.86	6.67	9.26	1.99	6.03	8.79	1.55	5.60
11	8.94	3.28	6.20	9.42	2.53	6.45	9.34	2.44	6.11	9.08	2.04	5.86
12	9.70	3.65	6.71	9.57	2.36	6.30	9.73	2.44	6.38	9.19	2.28	6.01
13	9.74	3.11	6.74	10.15	2.34	6.65	10.04	2.73	6.65	9.27	2.60	5.93
14	9.81	2.73	6.59	10.04	2.26	6.12	10.08	2.80	6.85	9.22	2.53	6.26
15	9.87	2.59	6.62	9.06	1.36	5.49	10.55	3.53	7.01	9.49	3.83	6.63
16	10.44	2.69	6.76	9.01	1.68	5.55	9.94	3.57	6.76	9.12	2.51	5.74
17	10.41	2.90	6.77	9.30	2.41	5.87	9.47	3.49	6.31	8.12	3.13	5.51
18	10.44	3.05	6.93	9.14	2.94	5.93	8.87	3.14	5.91	8.52	3.40	5.90
19	10.37	3.64	6.98	8.96	2.94	5.88	8.50	3.34	5.78	8.60	3.83	6.50
20	10.08	3.76	6.88	8.57	3.42	5.84	7.75	3.12	5.37	8.55	4.49	6.56
21	9.85	4.16	7.01	8.58	3.84	6.01	7.86	3.25	5.65	8.36	4.41	6.48
22	9.40	4.10	6.79	7.85	3.36	5.71	8.23	3.68	6.14	8.81	4.49	6.63
23	9.18	4.43	6.85	7.85	3.24	5.67	7.85	3.31	5.58	9.18	3.77	6.51
24	8.97	4.41	6.80	7.86	3.58	5.81	8.14	3.86	6.18	9.00	2.41	6.17
25	8.46	3.94	6.38	8.24	3.63	6.08	8.58	3.10	5.90	8.72	2.66	5.96
26	8.97	4.01	6.79	8.55	3.00	6.10	8.50	3.28	6.00	9.40	3.07	6.68
27	8.89	2.43	6.20	8.13	3.05	5.78	9.46	2.47	6.28	10.73	3.35	7.14
28	8.78	2.59	6.23	8.80	2.89	5.90	9.20	2.37	6.29	8.58	1.61	5.50
29	9.03	3.84	6.64	8.75	2.69	5.86	10.17	2.84	6.51	9.79	2.00	6.24
30	9.06	3.67	6.56	9.33	3.03	6.13	8.29	1.20	4.85	10.02	2.80	6.60
31	9.24	3.73	6.57	---	---	---	8.25	.99	4.49	10.36	3.42	6.86
MONTH	10.44	2.43	6.50	10.15	1.36	6.05	10.55	.99	5.94	10.73	1.44	5.98

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.74	3.22	6.56	9.99	2.58	6.46	8.94	2.07	5.50	9.65	3.31	6.28
2	9.61	3.57	6.69	9.22	2.38	6.06	8.75	2.52	5.37	8.82	3.24	5.91
3	10.29	4.56	7.35	8.74	2.05	5.23	8.43	2.71	5.58	8.63	3.21	6.05
4	10.34	2.79	6.89	8.78	2.75	5.84	9.17	2.84	5.56	8.69	3.71	6.20
5	8.74	3.10	5.97	8.92	2.80	5.74	8.75	3.81	6.32	8.47	3.62	6.16
6	9.27	4.06	6.74	8.87	3.63	6.28	8.74	3.40	6.29	8.44	3.53	6.07
7	10.27	3.84	7.36	9.22	3.76	6.58	8.42	3.33	6.10	8.68	3.59	6.28
8	10.16	4.03	7.29	9.44	3.96	6.66	8.46	3.26	6.04	8.51	3.31	6.11
9	10.21	4.02	7.27	9.31	1.90	6.00	8.28	2.42	5.73	9.02	3.31	6.23
10	9.87	3.66	6.90	7.72	1.91	5.15	8.36	1.90	5.29	9.43	3.46	6.48
11	9.69	3.28	6.67	8.76	2.14	6.04	9.34	3.24	6.55	9.95	3.91	6.92
12	8.58	2.61	5.67	8.93	2.82	5.92	9.27	3.65	6.55	9.68	3.94	6.82
13	8.92	2.69	5.95	8.70	3.11	6.05	9.29	3.74	6.52	9.96	4.02	6.95
14	8.75	3.16	6.05	8.24	2.76	5.57	8.94	3.36	6.20	10.16	4.42	7.24
15	8.97	4.18	6.61	8.59	2.28	5.48	8.82	3.25	5.96	9.99	4.66	7.27
16	9.61	4.53	7.08	9.20	3.50	6.24	8.75	3.50	5.98	9.71	4.10	6.81
17	9.39	3.96	6.84	9.02	4.05	6.64	8.50	3.29	5.73	9.42	4.01	6.46
18	8.50	3.51	5.77	9.02	4.08	6.44	8.43	3.36	5.75	9.35	3.58	6.43
19	7.95	3.93	5.93	8.98	4.17	6.37	8.54	3.66	5.96	9.40	3.83	6.68
20	8.26	4.13	6.17	8.82	4.37	6.43	8.20	3.13	5.82	9.10	3.15	6.17
21	8.12	3.56	5.97	8.36	3.38	5.68	8.94	3.86	6.56	9.24	2.69	6.21
22	8.65	3.74	6.46	7.94	3.44	5.72	9.25	3.05	6.53	10.04	2.90	6.76
23	10.17	2.12	6.64	8.76	3.86	6.54	9.33	2.72	6.44	10.20	2.77	6.82
24	8.55	2.03	5.50	9.35	3.37	6.49	9.65	2.50	6.47	10.20	2.59	6.61
25	9.35	1.99	6.21	9.59	3.21	6.65	9.71	1.77	6.00	9.92	2.07	6.20
26	10.21	2.57	6.84	9.65	2.58	6.41	9.76	1.52	5.90	9.62	1.74	5.76
27	10.71	3.02	7.07	9.69	2.02	6.21	9.66	1.32	5.60	9.72	2.21	5.83
28	10.30	2.54	6.68	9.75	1.75	6.04	10.35	2.47	6.44	9.56	2.42	5.85
29	---	---	---	9.48	1.46	5.65	9.80	2.80	6.29	9.40	3.03	6.11
30	---	---	---	9.46	1.53	5.52	9.69	3.24	6.29	9.16	3.37	6.13
31	---	---	---	9.35	1.80	5.56	---	---	---	9.04	3.64	6.19
MONTH	10.71	1.99	6.54	9.99	1.46	6.05	10.35	1.32	6.04	10.20	1.74	6.39

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	8.62	3.16	5.78	7.67	2.91	5.45	8.70	3.26	6.25	8.89	4.03	6.40
2	8.14	3.55	6.00	8.03	3.34	5.80	9.07	4.59	6.84	8.78	3.58	6.20
3	8.21	3.83	6.11	8.34	3.54	5.93	9.07	4.15	6.66	10.05	1.66	6.62
4	8.61	3.63	6.16	8.57	3.93	6.20	9.19	3.82	6.49	8.40	1.52	4.91
5	8.40	3.45	6.16	8.31	3.31	5.83	9.22	3.44	6.41	---	---	---
6	8.43	3.35	5.95	9.11	3.29	6.19	9.48	3.23	6.36	9.68	2.41	6.16
7	8.76	3.32	6.03	9.23	3.42	6.31	9.53	2.87	6.27	---	---	---
8	8.67	2.87	5.74	9.17	3.09	6.10	9.45	2.63	6.13	---	---	---
9	8.57	2.47	5.55	9.03	2.57	5.77	9.41	2.58	6.05	9.74	2.22	6.20
10	8.46	2.34	5.28	9.57	2.82	6.00	9.32	2.52	6.04	9.44	2.72	6.21
11	9.03	2.61	5.76	9.82	3.29	6.44	9.07	2.43	5.94	9.27	2.71	6.14
12	9.09	2.86	5.93	9.87	3.55	6.69	8.99	2.53	5.91	9.07	2.82	6.02
13	8.68	2.74	5.66	9.54	3.32	6.53	8.93	2.66	5.96	8.97	2.85	5.96
14	9.06	2.67	5.80	9.47	3.45	6.57	9.12	2.79	6.16	8.95	3.22	6.14
15	8.90	2.67	5.51	9.51	3.39	6.34	9.22	3.00	6.26	9.12	3.58	6.42
16	8.35	2.25	5.29	8.84	2.77	5.79	9.06	2.93	6.06	9.14	3.47	6.46
17	---	---	---	8.67	2.17	5.50	8.83	2.67	5.92	9.18	3.39	6.47
18	---	---	---	8.85	2.09	5.60	8.86	2.51	5.76	9.38	3.28	6.48
19	---	---	---	---	---	---	9.04	2.40	5.85	9.42	3.57	6.67
20	---	---	---	9.14	2.16	5.78	9.71	3.26	6.63	9.42	3.76	6.73
21	---	---	---	8.99	1.78	5.54	9.51	3.35	6.56	9.19	3.77	6.66
22	---	---	---	9.02	1.62	5.43	9.24	3.20	6.38	8.78	3.59	6.33
23	---	---	---	8.93	1.71	5.35	9.00	3.24	6.18	9.14	3.52	6.70
24	---	---	---	8.77	2.05	5.35	8.81	3.34	6.15	9.20	4.46	6.85
25	---	---	---	8.73	2.41	5.50	8.91	3.38	6.25	8.92	4.31	6.56
26	---	---	---	8.58	2.50	5.41	8.35	3.52	6.00	8.57	4.16	6.33
27	---	---	---	8.83	3.27	6.07	7.07	2.42	4.87	8.47	4.14	6.23
28	---	---	---	8.46	3.35	5.87	7.39	2.85	5.12	8.34	4.14	6.13
29	---	---	---	8.23	3.24	5.87	8.02	3.46	5.69	8.59	4.01	6.24
30	8.77	3.65	5.92	7.87	3.29	5.56	8.22	3.92	6.00	8.90	4.17	6.51
31	---	---	---	7.75	2.95	5.30	8.44	3.88	6.08	---	---	---
MONTH	---	---	---	---	---	---	9.71	2.40	6.10	---	---	---

COOPER RIVER BASIN

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021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 32°46'50'', long 79°55'31'', Charleston County, Hydrologic Unit 03050201, at U.S. Highway 17 bridge, 0.20 mi east of ship channel, and at mile 2.3.

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.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,800 microsiemens, Oct. 17, 1997; minimum, 12,000 microsiemens, Feb. 19, 1998.

WATER TEMPERATURE: Maximum, 30.5°C, July 28 - 30, 1997, July 22 - 30, 1998; minimum, 9.5°C, Jan. 2, 1998.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Dec. 17, 1998; minimum, 4.2 mg/L, June 15, 1998.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,800 microsiemens, Oct. 17; minimum, 12,000 microsiemens, Feb. 19.

WATER TEMPERATURE: Maximum, 30.5°C, July 22 - 30; minimum, 9.5°C, Jan. 1 - 3.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Dec. 17; minimum, 4.2 mg/L, June 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	41500	28900	35700	38300	29800	33900	40900	32500	36200	39800	22700	31400
2	41200	31500	37000	37700	28200	32600	42400	32500	37300	37200	23700	31200
3	42600	33400	37600	38500	25700	32200	43600	32900	37300	38000	23300	30700
4	41700	33400	37700	37200	24100	31400	41000	31600	35700	37100	24700	31500
5	40900	32200	37000	38500	25100	32700	37800	27900	33300	37000	27900	33000
6	41000	32000	36700	40200	27000	34200	39000	27000	33300	39300	28300	33200
7	40400	30400	36300	40000	29800	34700	39300	29800	34100	38900	27200	33300
8	42300	29400	36500	39900	29900	35200	39000	31200	35300	39000	24500	30400
9	42200	29300	36600	39900	32500	36100	40200	31900	35900	35600	23600	29300
10	41200	31300	36700	41600	32300	36800	43300	31600	36700	37100	21300	30200
11	42600	34400	37800	42100	31500	36300	42400	31900	36800	41900	24400	32700
12	46400	35000	39500	42600	31500	36200	44800	31900	37500	42600	27500	34000
13	45500	35900	40200	45100	30200	36700	45300	31800	37700	41700	28300	33900
14	45600	35700	40200	43300	29000	34800	46500	32100	38700	41100	25900	33800
15	47200	35200	40400	41500	25400	32600	46300	33200	39400	40600	27700	34600
16	49000	34100	41200	41200	25900	32500	45000	33100	38600	38700	27500	32200
17	49800	35700	41800	40700	26700	33600	42800	33100	36800	34300	25100	30000
18	49600	35600	41800	39400	26500	32800	39900	28100	34200	37700	23300	30600
19	48200	36200	41400	38400	25100	32100	39000	26000	32900	37800	27000	32200
20	48200	34800	40300	38100	25700	32600	36600	24700	31300	37700	27800	33300
21	46300	33800	39800	39900	26500	33300	38400	28200	33200	38200	27200	33400
22	42800	31700	36800	37100	27400	32700	39700	29600	34900	37400	27800	33900
23	39300	30300	35100	37300	29500	33300	38800	28400	33800	38200	24300	32000
24	38300	29000	34600	39100	31000	35400	40400	28800	35500	34600	23700	29200
25	37200	28300	33200	40400	33200	36800	40500	27900	34000	33500	23000	29400
26	37900	29900	34500	39700	33600	37000	38900	27900	34400	38200	25900	31100
27	37100	28800	32800	40600	31800	36400	40800	28100	34000	41900	25700	32600
28	38900	27800	33500	40400	30700	36400	40400	27800	34400	31700	20500	26600
29	38600	28300	34200	40500	31700	36300	45400	29100	35200	38700	20100	28200
30	37700	29500	34100	42300	33000	37100	35700	27000	30900	39300	21500	28900
31	39300	30000	34800	---	---	---	36100	25500	30000	41400	22500	29900
MONTH	49800	27800	37300	45100	24100	34500	46500	24700	35100	42600	20100	31500

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	36800	24000	29400	40600	23700	30700	38600	24600	29400	39500	25300	31500
2	34900	24000	29700	38500	23300	29000	36000	22700	28800	34300	23800	29600
3	38300	24800	30600	32700	19900	26000	35100	23800	28700	33400	25600	29700
4	37000	21500	28300	33800	22100	28200	36300	21100	27700	34400	26100	29800
5	28200	16400	23700	35100	21300	28100	36600	24000	30600	35100	23800	29500
6	33500	19700	26700	34600	23800	29000	35400	25700	30800	34500	23600	28900
7	37100	22900	28900	35400	24600	29700	35100	26300	30700	36700	25900	31100
8	37600	22900	30000	36400	26100	30300	34900	27300	30700	35900	27000	31900
9	36300	25200	30300	33700	23000	28200	32600	25800	29300	39400	26400	32700
10	34900	24400	29000	29800	19400	24500	34900	22800	28800	39900	29000	33700
11	35000	23400	28100	34500	18500	26900	37600	25300	31600	41000	28900	35000
12	30500	21500	25500	34200	20500	27200	37000	27400	32500	40000	29300	35300
13	34000	21000	27100	32700	22500	28000	36700	28100	32400	41500	28600	35200
14	34500	22300	27900	31900	23100	27300	35900	27700	31000	40600	31000	35500
15	35600	22700	30100	33900	23500	27900	35300	23800	29900	40100	30400	35000
16	34500	24900	28900	34800	24400	29600	34100	24500	29000	38200	28300	33500
17	31300	20700	24900	34400	25600	30400	33700	22000	27900	36300	26700	31600
18	22900	13200	18600	35000	25900	29700	30800	22800	27400	35500	25700	31200
19	24400	12000	18000	33800	21800	27200	34700	24800	29400	36200	27000	31700
20	34400	14800	23500	30100	19900	24700	34500	26800	30700	36400	27300	31500
21	34500	19600	26400	28000	17700	22100	39100	28400	33600	39700	27100	32600
22	37800	22300	31900	32400	20100	25600	39600	28000	34000	43500	28000	35000
23	35200	27900	32400	35800	26700	31000	40600	28300	34300	43700	29400	35800
24	34700	27600	31000	36500	28300	31900	41400	27500	34200	44700	28800	35600
25	38700	26600	32300	37000	28800	32900	39900	25700	32400	42600	28800	34700
26	42500	27300	34100	40400	28100	33000	42600	24300	32900	42800	25500	33000
27	43200	28100	34400	41200	26500	32900	39500	25100	32200	42800	24600	31500
28	41000	25300	32100	39900	25400	31500	42900	26800	34400	41000	25200	31600
29	---	---	---	39000	24100	30400	41500	29100	34800	39800	26600	32100
30	---	---	---	40800	23600	30200	40700	26900	33200	39300	27100	32000
31	---	---	---	38800	24500	30100	---	---	---	37600	27800	32000
MONTH	43200	12000	28400	41200	17700	28800	42900	21100	31100	44700	23600	32600
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	37100	27100	31200	41700	28200	35300	46300	31600	39600	43200	32800	38900
2	35500	25900	31500	43400	28500	36500	47600	34800	42900	44300	32900	38900
3	41800	27400	34100	44800	30600	38700	47000	38700	43600	46800	36500	41300
4	43000	30400	36700	44300	32500	39500	47000	38700	42900	45800	30400	37900
5	41800	31800	37300	44100	35300	39500	47900	37500	43100	47100	34100	39700
6	43500	32600	38100	46200	36500	41000	48600	39400	43400	48500	35600	41500
7	44500	34900	39100	46400	36700	41700	49200	39100	43600	47400	34100	40700
8	43300	35100	39000	46800	35400	40800	48100	39200	43300	46000	35700	40100
9	41900	34300	38000	46800	33600	40100	48700	38400	43300	47600	33100	40300
10	39700	32600	36300	48300	34400	40600	47700	37900	42700	48200	35400	40700
11	40700	31000	35400	49700	36000	41700	46800	37600	42000	47200	35000	40000
12	38800	29100	34100	49500	37300	42400	46300	36400	41400	45800	33500	39400
13	37800	27000	32300	48400	37000	42500	45800	35500	40900	45200	33500	39100
14	37000	26000	31400	48000	37600	42700	46400	34400	40300	44200	33100	38600
15	37000	25800	30200	48100	36700	42000	44500	33900	39800	43600	32800	38600
16	34500	24700	29100	45900	34400	40200	44400	33400	38900	44900	35100	39200
17	---	---	---	44800	32400	38500	44900	32300	38300	45000	35100	39800
18	---	---	---	45700	30700	38800	44800	30800	38000	44300	35000	39500
19	---	---	---	45600	32200	38800	45400	32700	38600	45600	35100	40000
20	---	---	---	44900	33100	38400	48700	36400	41200	45900	35500	40400
21	---	---	---	46200	31900	38300	48100	36100	41400	44200	35300	39600
22	---	---	---	47400	30900	38700	46800	35900	40900	40200	28400	35200
23	---	---	---	46600	30800	38300	45100	34100	40300	42000	28800	36000
24	---	---	---	45200	31300	37800	44100	34000	39400	42700	29000	36600
25	---	---	---	45100	31700	37800	43100	33600	38700	40900	28700	36400
26	---	---	---	44300	30800	37600	41900	33200	37800	41600	28600	36000
27	---	---	---	43900	32900	38400	40700	30800	35900	39600	28800	35600
28	---	---	---	43100	33200	38200	41000	29400	36100	40500	29200	35400
29	---	---	---	42300	31600	37500	41300	30400	35900	41500	30000	35800
30	43200	31500	37000	41300	29400	36200	41700	31900	37300	42400	33800	37300
31	---	---	---	41200	29100	36600	42800	31300	37600	---	---	---
MONTH	---	---	---	49700	28200	39200	49200	29400	40300	48500	28400	38600

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.5	24.5	25.0	19.0	19.0	19.0	15.5	15.0	15.0	10.5	9.5	10.0
2	25.0	24.5	24.5	19.0	19.0	19.0	15.0	14.5	15.0	10.0	9.5	9.5
3	24.5	24.0	24.5	19.0	18.5	18.5	15.0	14.5	15.0	10.0	9.5	10.0
4	24.5	24.0	24.0	18.5	18.0	18.5	15.0	15.0	15.0	10.5	10.0	10.5
5	24.5	24.0	24.5	18.5	17.5	18.0	15.0	14.0	14.5	11.5	10.5	11.0
6	25.0	24.5	24.5	18.0	17.5	18.0	14.5	13.5	14.0	12.0	11.0	11.5
7	25.0	24.5	25.0	18.0	17.5	17.5	13.5	13.0	13.5	12.5	11.5	12.0
8	25.0	24.5	25.0	17.5	17.0	17.5	13.0	12.5	13.0	13.0	12.0	12.5
9	25.5	25.0	25.0	17.0	17.0	17.0	13.0	12.5	12.5	13.0	12.5	13.0
10	25.5	25.0	25.5	17.0	16.5	17.0	13.5	12.5	13.0	13.0	12.5	13.0
11	26.0	25.0	25.5	17.0	16.5	17.0	13.0	13.0	13.0	13.0	12.5	12.5
12	25.5	25.0	25.5	17.0	16.5	16.5	13.5	13.0	13.0	13.0	12.5	13.0
13	25.5	25.0	25.5	16.5	16.0	16.5	13.0	12.5	13.0	13.0	13.0	13.0
14	25.5	25.0	25.5	16.5	16.0	16.0	12.5	11.5	12.5	13.0	12.5	13.0
15	25.5	24.5	25.0	16.0	16.0	16.0	12.0	10.5	11.5	13.0	12.5	12.5
16	25.0	23.5	24.0	16.0	15.5	15.5	11.0	10.0	10.5	12.5	12.5	12.5
17	23.5	22.5	23.0	15.5	14.5	15.0	11.0	10.5	10.5	12.5	12.0	12.5
18	23.0	21.5	22.5	15.0	14.5	14.5	11.0	10.5	10.5	12.5	11.5	12.0
19	22.0	21.0	21.5	14.5	14.0	14.5	11.0	10.5	11.0	12.0	11.5	12.0
20	21.5	20.0	21.0	14.5	14.0	14.5	11.5	11.0	11.0	12.0	11.5	11.5
21	21.0	20.5	21.0	15.0	14.0	14.5	12.0	11.0	11.5	11.5	11.5	11.5
22	21.0	20.5	20.5	15.5	14.5	15.0	12.0	11.5	11.5	12.0	11.5	11.5
23	20.5	20.0	20.0	15.5	15.0	15.0	12.0	11.5	12.0	12.0	11.5	12.0
24	20.0	19.5	20.0	15.5	15.0	15.0	12.5	11.5	12.0	12.0	11.5	12.0
25	20.5	20.0	20.0	15.0	14.0	15.0	13.0	12.0	12.5	12.0	11.0	11.5
26	20.5	20.0	20.0	15.0	14.0	14.5	13.0	12.5	12.5	11.5	11.0	11.5
27	20.5	20.0	20.0	15.0	14.5	14.5	13.0	12.0	12.5	11.5	11.0	11.5
28	20.0	19.0	19.5	15.0	14.5	14.5	12.5	12.0	12.0	11.5	11.0	11.5
29	19.5	19.0	19.5	15.0	15.0	15.0	12.0	11.5	12.0	11.5	11.0	11.5
30	19.5	19.0	19.0	15.5	15.0	15.0	11.5	10.5	11.0	11.5	11.0	11.5
31	19.0	19.0	19.0	---	---	---	11.0	10.0	10.5	11.5	11.0	11.5
MONTH	26.0	19.0	22.7	19.0	14.0	16.1	15.5	10.0	12.5	13.0	9.5	11.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.0	11.5	15.0	14.0	14.5	19.0	18.0	18.5	20.5	20.0	20.5
2	11.0	11.0	11.0	15.0	14.5	14.5	19.5	18.5	19.0	21.0	20.5	20.5
3	11.5	11.0	11.5	14.5	13.5	14.0	19.5	18.5	19.0	21.5	20.5	21.0
4	11.5	11.5	11.5	14.0	13.0	13.5	19.0	18.5	19.0	21.5	20.5	21.0
5	11.5	11.0	11.0	13.5	13.0	13.5	19.0	18.0	18.5	22.0	21.0	21.0
6	11.5	10.5	11.0	13.5	13.0	13.5	19.0	18.0	18.5	22.5	21.0	21.5
7	11.0	10.5	11.0	13.5	13.0	13.5	19.0	18.0	18.5	22.5	21.5	22.0
8	10.5	10.5	10.5	14.0	13.0	13.5	19.0	18.5	18.5	23.0	22.0	22.0
9	10.5	10.0	10.5	14.5	14.0	14.0	19.5	18.5	19.0	23.0	22.0	22.0
10	10.5	10.0	10.5	14.5	13.5	14.0	19.0	18.5	18.5	22.5	22.0	22.5
11	11.0	10.5	10.5	14.0	12.5	13.5	18.5	17.5	18.0	22.5	22.0	22.5
12	11.5	10.5	11.0	13.5	12.0	12.5	18.5	17.5	18.0	23.0	22.0	22.5
13	11.0	11.0	11.0	13.0	11.5	12.5	19.0	18.0	18.5	23.0	22.0	22.5
14	11.0	10.5	11.0	13.0	12.0	12.5	18.5	18.0	18.5	23.0	22.5	22.5
15	11.0	10.5	11.0	13.0	12.0	12.5	19.0	18.0	18.5	23.5	22.5	23.0
16	11.5	11.0	11.0	13.5	12.5	13.0	19.5	18.5	18.5	24.0	23.0	23.5
17	12.5	11.0	12.0	13.0	12.5	13.0	20.0	19.0	19.0	24.0	23.5	24.0
18	13.0	12.0	12.5	13.0	12.5	13.0	20.5	19.0	19.5	24.5	23.5	24.0
19	13.0	12.5	12.5	14.0	13.0	13.5	20.5	19.5	20.0	25.0	24.0	24.5
20	13.5	12.0	13.0	15.0	13.5	14.0	20.5	20.0	20.0	25.5	24.5	25.0
21	13.5	12.5	13.0	14.5	13.5	14.0	20.5	19.5	20.0	25.5	24.5	25.0
22	13.5	12.5	12.5	14.0	13.0	13.5	20.5	19.5	20.0	25.5	25.0	25.5
23	13.0	12.5	12.5	14.0	13.5	13.5	20.0	19.5	20.0	26.0	25.0	25.5
24	13.0	12.5	12.5	14.0	13.5	13.5	20.5	19.5	19.5	26.5	25.5	26.0
25	13.5	12.5	13.0	14.5	13.5	14.0	20.5	19.5	20.0	27.0	26.0	26.0
26	13.5	13.0	13.0	15.0	14.0	14.5	20.5	19.5	20.0	27.0	26.0	26.5
27	13.5	13.0	13.5	16.0	14.5	15.0	21.0	20.0	20.5	27.5	26.0	26.5
28	14.5	13.5	14.0	16.5	15.5	16.0	20.5	19.5	20.5	27.0	26.0	26.5
29	---	---	---	17.0	16.0	16.5	21.0	19.5	20.0	27.5	26.0	26.5
30	---	---	---	18.0	17.0	17.5	20.5	20.0	20.5	27.5	26.5	27.0
31	---	---	---	18.5	17.5	18.0	---	---	---	28.0	26.5	27.0
MONTH	14.5	10.0	11.8	18.5	11.5	14.0	21.0	17.5	19.2	28.0	20.0	23.7

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.0	27.0	27.5	30.0	29.0	29.5	29.5	28.0	29.0	29.5	28.5	29.0
2	28.0	27.0	27.5	30.0	29.0	29.5	28.5	27.0	28.0	29.5	29.0	29.0
3	28.0	27.0	27.5	29.5	29.0	29.5	28.0	27.0	27.5	29.0	28.0	28.5
4	28.0	26.0	27.0	30.0	29.0	29.5	28.0	27.0	27.5	28.0	27.5	28.0
5	27.5	26.0	27.0	30.0	29.0	29.5	28.0	27.0	27.5	28.5	27.5	28.0
6	27.5	25.5	26.5	29.5	29.0	29.0	28.0	27.0	27.5	28.5	28.0	28.0
7	27.0	25.0	26.0	29.5	29.0	29.0	28.5	27.5	28.0	28.5	28.0	28.5
8	26.5	25.0	25.5	30.0	29.0	29.5	28.5	27.5	28.0	28.5	28.0	28.5
9	26.0	25.0	25.5	30.0	29.0	29.5	28.5	28.0	28.5	28.5	27.5	28.0
10	26.0	25.0	25.5	30.0	29.0	29.5	28.5	28.0	28.0	27.5	26.5	27.5
11	26.0	25.0	25.5	30.0	29.0	29.5	29.0	28.0	28.5	27.5	26.5	27.0
12	27.0	25.0	26.0	29.5	29.0	29.5	29.0	28.5	28.5	27.0	26.5	27.0
13	27.0	26.0	26.5	29.5	28.5	29.0	29.0	28.5	28.5	27.0	26.5	27.0
14	27.5	26.0	26.5	29.0	28.0	28.5	29.0	28.5	28.5	27.5	26.5	27.0
15	27.5	26.0	27.0	29.0	28.5	28.5	29.0	28.5	29.0	28.0	27.0	27.5
16	28.0	26.5	27.0	29.0	28.5	29.0	29.5	28.5	29.0	28.0	27.0	27.5
17	---	---	---	29.0	28.5	29.0	29.5	29.0	29.0	28.0	27.5	27.5
18	---	---	---	29.0	28.5	29.0	29.5	29.0	29.5	27.5	27.5	27.5
19	---	---	---	30.0	28.5	29.0	30.0	29.0	29.5	27.5	27.5	27.5
20	---	---	---	30.0	29.0	29.5	29.5	29.0	29.5	28.0	27.5	27.5
21	---	---	---	30.0	29.5	29.5	29.0	28.5	29.0	28.0	27.5	27.5
22	---	---	---	30.5	29.5	30.0	29.0	28.0	28.5	28.0	27.5	27.5
23	---	---	---	30.5	29.5	30.0	29.0	28.5	29.0	28.0	27.5	27.5
24	---	---	---	30.5	30.0	30.0	29.5	28.5	29.0	27.5	26.5	27.0
25	---	---	---	30.5	30.0	30.0	29.5	29.0	29.0	27.0	26.5	26.5
26	---	---	---	30.5	30.0	30.0	29.0	28.0	28.5	27.0	26.5	26.5
27	---	---	---	30.5	29.5	30.0	28.5	27.5	28.0	27.5	26.5	27.0
28	---	---	---	30.5	29.5	30.0	29.0	28.0	28.5	27.0	27.0	27.0
29	---	---	---	30.5	29.5	29.5	29.0	28.5	28.5	27.5	27.0	27.0
30	30.0	29.0	29.5	30.5	29.5	30.0	29.5	28.5	29.0	27.0	27.0	27.0
31	---	---	---	30.0	29.0	29.5	29.5	29.0	29.0	---	---	---
MONTH	---	---	---	30.5	28.0	29.5	30.0	27.0	28.5	29.5	26.5	27.5

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.3	5.3	6.3	8.1	7.5	7.9	9.3	8.9	9.1	11.5	10.7	11.2
2	7.5	6.0	6.8	8.2	7.6	7.9	9.6	9.0	9.4	11.5	10.9	11.3
3	7.4	6.3	6.9	8.3	7.7	8.1	9.7	9.3	9.5	11.5	10.9	11.3
4	7.2	6.2	6.7	8.5	7.9	8.2	9.5	9.1	9.3	11.5	10.9	11.2
5	7.0	6.1	6.6	8.7	8.1	8.4	9.6	9.1	9.3	11.4	10.9	11.2
6	6.9	6.0	6.5	9.0	8.2	8.5	10.0	9.3	9.6	11.2	10.7	11.0
7	6.9	5.9	6.5	8.9	8.3	8.6	10.2	9.4	9.8	11.1	10.6	10.9
8	7.0	5.8	6.5	9.1	8.2	8.6	10.4	9.7	10.0	10.8	10.1	10.5
9	7.1	5.8	6.4	9.0	8.3	8.6	10.4	9.8	10.1	10.5	10.0	10.3
10	7.0	5.9	6.4	8.9	7.8	8.6	10.4	9.7	10.0	10.6	10.0	10.3
11	6.8	5.7	6.2	9.0	7.8	8.4	10.1	9.6	9.9	10.6	10.0	10.3
12	6.9	5.6	6.2	8.6	7.8	8.3	10.0	9.4	9.7	10.6	9.9	10.2
13	6.6	5.6	6.1	8.7	7.8	8.2	10.1	9.4	9.7	10.4	9.8	10.1
14	6.4	5.4	5.9	8.7	7.8	8.2	10.4	9.4	9.9	10.4	9.6	10.0
15	6.7	5.4	5.9	8.6	7.8	8.3	11.2	9.9	10.5	10.7	9.8	10.2
16	7.0	5.5	6.3	8.9	8.1	8.5	11.6	10.6	11.0	10.5	9.8	10.1
17	7.6	5.7	6.7	9.4	8.4	8.8	11.7	10.6	11.0	10.3	9.7	10.1
18	7.7	6.2	6.8	9.4	8.7	9.0	11.2	10.6	11.0	10.7	9.9	10.2
19	7.9	6.5	7.1	9.4	8.7	9.1	11.1	10.8	11.0	10.7	10.0	10.3
20	8.0	6.5	7.2	9.8	8.9	9.3	11.1	10.8	11.0	10.8	10.2	10.4
21	8.0	6.7	7.3	9.9	9.3	9.6	11.2	10.8	11.0	10.8	10.3	10.5
22	7.8	6.6	7.1	9.9	9.4	9.6	11.0	10.6	10.8	11.0	10.3	10.6
23	7.5	6.6	7.0	9.8	9.3	9.5	11.0	10.5	10.7	10.8	9.9	10.4
24	7.5	6.7	7.1	9.8	9.3	9.4	10.7	10.4	10.5	10.3	9.8	10.1
25	7.4	6.8	7.1	10.0	9.3	9.5	10.6	10.2	10.4	10.6	10.0	10.2
26	7.6	6.9	7.2	9.9	9.3	9.5	10.4	10.1	10.3	10.5	9.9	10.1
27	7.4	6.9	7.2	9.8	9.2	9.5	10.3	10.0	10.2	10.6	9.8	10.2
28	7.9	7.1	7.5	9.7	9.3	9.5	10.4	10.0	10.2	10.2	9.6	9.9
29	7.8	7.2	7.5	9.5	9.0	9.3	10.6	10.1	10.3	10.2	9.5	9.8
30	7.9	7.2	7.5	9.4	9.0	9.2	10.8	10.3	10.5	10.5	9.5	9.9
31	8.1	7.0	7.7	---	---	---	11.2	10.5	10.8	10.3	9.5	9.9
MONTH	8.1	5.3	6.8	10.0	7.5	8.8	11.7	8.9	10.2	11.5	9.5	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	9.7	9.9	9.0	7.8	8.3	8.5	7.5	7.9	7.6	6.9	7.2
2	10.4	9.7	10.0	8.8	7.7	8.1	8.3	7.4	7.9	7.5	6.8	7.1
3	10.4	9.8	10.1	8.9	7.9	8.3	8.1	7.5	7.7	7.8	6.8	7.3
4	10.6	9.6	9.9	9.1	8.2	8.7	8.0	7.5	7.7	7.8	6.9	7.3
5	10.0	9.6	9.8	9.1	8.3	8.7	8.3	7.6	7.8	7.7	6.9	7.2
6	10.2	9.6	9.9	9.1	8.3	8.7	8.4	7.5	7.9	7.8	6.9	7.3
7	10.3	9.8	10.1	9.0	8.3	8.7	8.2	7.6	7.8	8.3	6.7	7.4
8	10.5	9.9	10.2	9.0	8.4	8.6	8.0	7.6	7.8	8.3	7.2	7.6
9	10.7	10.0	10.4	8.8	8.1	8.4	8.0	7.6	7.9	8.6	7.3	7.8
10	10.6	10.0	10.3	8.7	8.1	8.4	8.3	7.6	7.9	8.5	7.4	7.9
11	10.6	9.9	10.2	9.3	8.3	8.8	8.6	7.7	8.1	8.3	7.3	7.7
12	10.3	9.9	10.1	9.8	8.6	9.2	8.5	7.8	8.1	7.9	7.1	7.5
13	10.3	9.8	10.1	9.8	8.9	9.4	8.5	7.7	8.1	7.8	6.8	7.3
14	10.3	9.9	10.1	9.6	9.0	9.3	8.4	7.7	8.0	7.6	6.7	6.9
15	10.6	10.0	10.3	9.6	8.9	9.3	8.1	7.6	7.8	---	---	---
16	10.7	10.2	10.4	9.7	8.9	9.4	8.1	7.5	7.8	---	---	---
17	10.5	9.8	10.1	9.7	9.3	9.5	8.0	7.5	7.8	---	---	---
18	9.9	9.4	9.7	9.7	9.2	9.4	8.0	7.5	7.7	---	---	---
19	9.8	9.3	9.6	9.6	9.0	9.2	7.9	7.4	7.6	---	---	---
20	9.8	9.1	9.5	9.3	8.7	9.0	7.8	7.1	7.4	---	---	---
21	9.6	9.0	9.3	9.2	8.7	8.9	7.9	6.9	7.3	8.9	7.2	7.9
22	9.8	9.1	9.5	9.4	8.9	9.2	7.6	6.8	7.2	8.6	7.3	7.9
23	9.9	9.1	9.4	9.6	8.9	9.3	7.4	6.7	7.0	8.6	7.2	7.8
24	9.7	9.0	9.3	9.5	8.9	9.2	7.5	6.7	7.0	8.8	7.0	7.7
25	9.9	9.1	9.4	9.7	8.9	9.2	7.8	6.6	7.0	8.6	7.0	7.7
26	10.0	8.8	9.4	9.6	8.8	9.2	8.0	6.6	7.0	8.4	7.1	7.6
27	9.7	8.6	9.1	9.6	8.5	9.0	7.9	6.7	7.1	8.0	6.8	7.3
28	9.2	8.1	8.6	9.4	8.2	8.7	8.1	6.9	7.3	7.6	6.5	6.9
29	---	---	---	9.1	7.9	8.4	8.1	7.1	7.5	7.2	6.1	6.5
30	---	---	---	8.9	7.7	8.1	8.1	7.0	7.3	---	---	---
31	---	---	---	8.7	7.5	7.8	---	---	---	---	---	---
MONTH	10.7	8.1	9.8	9.8	7.5	8.9	8.6	6.6	7.6	---	---	---

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	8.0	5.8	6.5	6.0	4.9	5.5	6.3	5.1	5.6
2	---	---	---	7.8	5.7	6.5	6.7	5.1	5.7	6.1	4.7	5.4
3	---	---	---	8.0	5.6	6.4	6.8	5.0	5.8	6.3	4.9	5.5
4	7.0	5.4	6.0	8.4	5.6	6.4	7.5	5.5	6.2	6.5	5.3	5.7
5	6.7	5.4	6.0	7.4	5.5	6.2	7.9	5.4	6.6	---	---	---
6	7.0	5.6	6.1	7.0	5.5	6.0	7.5	5.9	6.6	6.8	5.0	5.6
7	7.6	5.7	6.6	7.2	5.2	6.1	7.4	5.8	6.4	---	---	---
8	8.2	6.3	6.9	7.3	5.2	6.0	7.0	5.7	6.2	---	---	---
9	8.1	6.3	7.0	7.1	5.4	6.1	6.8	5.4	5.9	6.6	4.9	5.7
10	7.2	6.5	6.9	6.6	5.6	6.1	6.4	5.0	5.6	6.7	5.1	5.9
11	7.6	6.2	6.8	6.6	5.3	5.9	6.3	4.9	5.6	6.9	5.3	6.0
12	7.5	6.2	6.8	6.9	5.2	6.0	6.2	4.9	5.5	7.0	5.5	6.2
13	7.4	6.1	6.7	7.1	5.6	6.4	5.9	4.7	5.3	7.2	5.7	6.3
14	7.0	5.0	6.1	7.5	5.7	6.6	6.2	4.8	5.4	7.4	5.8	6.5
15	6.4	4.2	5.1	7.4	5.7	6.6	6.2	4.8	5.5	7.5	5.9	6.5
16	6.9	5.9	6.4	6.8	5.6	6.2	6.5	5.0	5.6	7.5	5.7	6.5
17	---	---	---	6.6	5.4	5.9	6.5	4.7	5.5	7.1	5.9	6.4
18	---	---	---	6.5	5.3	5.8	6.0	4.8	5.3	6.6	5.7	6.2
19	---	---	---	6.8	5.2	5.8	7.2	4.5	5.6	6.2	5.4	5.8
20	---	---	---	6.7	5.0	5.7	7.6	5.3	6.3	6.5	5.3	5.7
21	---	---	---	7.0	5.0	5.7	7.8	5.9	6.7	6.3	5.1	5.7
22	---	---	---	6.8	5.1	5.7	7.6	6.0	6.7	6.2	5.4	5.7
23	---	---	---	6.7	5.0	5.7	7.3	6.0	6.6	6.5	5.1	5.8
24	---	---	---	6.6	5.0	5.7	6.9	5.6	6.3	6.7	5.5	6.1
25	---	---	---	6.6	5.1	5.8	6.9	5.4	6.3	6.8	5.7	6.2
26	---	---	---	6.4	5.1	5.7	6.8	6.0	6.3	6.7	5.7	6.2
27	---	---	---	6.4	5.1	5.8	6.6	5.8	6.2	6.6	5.4	6.0
28	---	---	---	6.2	5.0	5.6	6.4	5.3	5.9	6.6	5.5	6.0
29	---	---	---	6.5	5.0	5.7	6.5	5.5	6.0	6.9	5.4	6.0
30	8.4	5.6	6.5	6.8	5.0	5.7	6.4	5.4	5.9	6.5	5.6	6.0
31	---	---	---	7.3	5.0	5.8	6.5	5.3	5.8	---	---	---
MONTH	---	---	---	8.4	5.0	6.0	7.9	4.5	6.0	---	---	---

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): April 1993 to September 1995 (discontinued).

DISSOLVED OXYGEN (Bottom): April 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, Sept. 6, 1987.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sept. 7, 1987.

WATER TEMPERATURE (Top): Maximum, 32.0°C, Aug. 1, 1993; minimum, 6.5°C, Jan. 20 - 24, 1994.

WATER TEMPERATURE (Bottom): Maximum, 30.0°C, July 18, 19, 25, 1994; minimum, 5.5°C, Jan. 22, 23, 1994.

DISSOLVED OXYGEN (Top): Maximum, 15.3 mg/L, Feb. 10, 1994; minimum, 4.0 mg/L, July 26, 1994.

DISSOLVED OXYGEN (Bottom): Maximum, 13.3 mg/L, Jan. 26, 1994; minimum, 4.0 mg/L, July 22, Aug. 12, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 51,300 microsiemens, June 25; minimum, 15,200 microsiemens, Feb. 18.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 52,100 microsiemens, Dec. 29; minimum, 17,400 microsiemens, Feb. 18.

WATER TEMPERATURE (Top): Maximum, 30.5°C, June 28, July 24 - 27, 29; minimum, 9.0°C, Jan. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	40000	29400	34100	40600	29800	35000	42400	30800	36200	39300	20400	29700
2	41300	28800	34800	38800	28300	34100	45600	32400	37500	36200	23000	27700
3	41900	31000	35300	39100	27100	32700	42800	31700	36900	37100	22600	27600
4	39400	29700	34700	37200	25700	30200	41600	32100	36000	39600	18900	27800
5	42500	31800	35400	37200	23500	28400	42200	29600	34100	38400	19700	29300
6	40200	31100	34900	37800	24300	30700	40600	28500	32900	36800	21500	29000
7	39500	29700	34100	39800	29000	33800	38500	28100	33100	39100	22500	30900
8	41600	28200	34500	41700	28800	35500	41800	28300	34000	40900	22900	31300
9	40700	30500	34000	43700	31600	37800	41700	30300	35400	37200	20000	29000
10	43000	30800	34900	44100	31300	38200	44900	32100	37100	39100	21300	29600
11	43700	31700	36700	45200	31700	38800	44500	31400	37800	42200	24700	32500
12	47800	32900	38200	46300	32400	39000	47300	32000	38400	41900	25900	33800
13	46200	34700	40100	45400	32200	38300	46100	32400	38400	42100	25300	33600
14	46300	33800	39300	48100	31200	38500	47700	30300	39100	42100	26700	32600
15	46800	32000	39300	45400	29100	36500	47600	33300	40400	41600	27800	33000
16	47900	33600	40400	45700	28500	36400	45300	33800	38400	38900	27400	31800
17	47700	33000	40300	43700	29400	36000	42700	32300	36700	36300	26000	29400
18	47800	33600	40200	43200	28200	34500	41300	30800	34400	36300	22000	29500
19	46400	34800	39700	40600	26400	31900	38300	29700	32800	38100	27500	31700
20	45100	33100	38200	38500	26700	30800	37000	28300	32300	38100	26000	31900
21	44000	31300	37200	38900	27200	31600	38100	28600	32000	37500	25000	30800
22	43000	29600	36300	36700	27300	31100	44600	28500	34800	36400	25400	30600
23	41200	30400	35000	38200	27500	31500	43700	32400	35700	37100	24400	29400
24	40600	27500	34700	38000	28700	32800	43100	26100	34700	33700	24100	27900
25	39100	28900	34000	41200	27800	32500	43200	30400	36000	34200	19900	27200
26	41600	29000	34700	40900	27600	34400	42300	30800	35500	40600	23700	31400
27	40300	30500	34900	38000	30600	34000	44500	29400	35700	46900	28600	36100
28	41700	28700	34400	42200	29300	34500	44900	29200	35900	37600	21100	30400
29	42600	29500	35100	40800	30200	34100	47900	29400	37100	41900	20900	31300
30	42600	29100	35200	41700	29000	34900	39600	28800	33200	44800	23700	33000
31	42900	29500	36000	---	---	---	39000	24700	30800	45200	23800	32600
MONTH	47900	27500	36300	48100	23500	34300	47900	24700	35600	46900	18900	30700

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

	TOP											
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	42900	22200	31300	44100	26200	34600	42600	25200	31200	45900	30400	35300
2	42900	21100	30100	42100	25500	33100	38400	25500	30500	41100	28000	32900
3	42000	19600	31200	38500	23600	29300	37600	22700	29100	40000	27200	33300
4	40400	21800	30300	39100	24900	30600	41200	23300	29800	39000	29100	33200
5	32200	20300	26000	37700	24100	29800	37300	25900	30700	37900	28100	32500
6	37500	20800	27400	37500	23800	29300	37400	27200	31200	39600	27900	32000
7	41000	22100	30200	38900	24100	30000	37100	26600	30900	38600	27800	32400
8	44200	25400	32800	39600	24100	31000	37800	27300	31300	39900	27500	32200
9	42300	26100	32400	38500	25300	30700	37900	26600	30800	40100	27700	32100
10	37900	25600	31600	32700	22400	27000	37200	25800	30600	42000	28700	33700
11	37700	24300	31400	37700	20600	28500	42300	26500	32200	44500	29800	34500
12	33800	24500	28600	39200	23300	28900	42000	26100	32900	41900	30400	35200
13	39700	23700	29600	37800	22700	29400	40600	27700	33200	44200	30100	34700
14	38900	24000	29400	36300	24700	29600	38800	28400	32800	46000	31000	36600
15	40600	25700	30500	39900	24100	29700	35800	25300	30300	44000	33700	37300
16	36500	23500	30000	41200	24900	30100	35400	25500	28600	44000	31600	36300
17	35200	21300	26400	38500	26300	30500	35400	24400	29300	42400	30100	34500
18	27000	15200	20600	38500	25900	30500	38000	24000	29400	42400	27200	32900
19	28500	15800	20300	36700	23500	27600	38900	26500	31700	42700	29400	34600
20	31700	17800	25200	32900	21800	25800	37900	27400	31700	41100	29400	34400
21	33000	21200	27400	28000	20400	24500	43500	28800	35100	44000	28700	35000
22	41600	23700	30700	37000	21700	27400	44700	32500	37800	46400	29100	36700
23	47700	25600	35900	38600	25300	31400	46200	33200	38800	47700	30900	38500
24	41300	29700	34300	40600	26600	33100	47100	32900	39100	48700	29900	38600
25	44500	28900	36000	42500	25900	34400	47200	30100	37700	47400	29800	37800
26	46900	29000	37600	44600	25400	35600	47600	30200	38000	47200	26700	36300
27	47400	29500	38200	44900	24900	35300	48200	29500	37300	46900	25400	34900
28	45500	28000	36300	44200	25600	34900	48700	30500	38800	45400	25400	34000
29	---	---	---	42900	22600	33400	47500	29600	38200	45400	26500	34000
30	---	---	---	43800	25200	33000	46500	27900	36500	45400	27100	34100
31	---	---	---	42900	24300	33000	---	---	---	43100	27900	33700
MONTH	47700	15200	30400	44900	20400	30700	48700	22700	33200	48700	25400	34700

	TOP											
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	40500	27800	33200	43900	31500	36400	41700	29000	36400	46500	34000	38600
2	41000	24300	33500	43800	31500	37400	42600	34600	39100	45700	35200	39400
3	43300	29100	34800	45200	32500	38600	44100	37700	40200	48000	33300	40400
4	43300	30700	36100	44300	31700	39300	43900	37500	40600	46500	29700	37500
5	43600	31200	37600	44900	34800	39400	46400	36100	41300	48900	33300	40200
6	45700	31200	38800	48300	36200	40600	49000	38500	42900	49800	33800	41100
7	47900	35000	39400	49100	36300	41700	49500	36500	43000	48500	34500	41900
8	47900	36000	40700	47900	37300	41800	49500	36200	42700	48400	34400	40500
9	46300	36100	41200	48600	34900	40700	50400	34600	42400	49000	33000	40400
10	47000	35600	41000	49500	33100	40300	48600	36200	41700	47100	34200	40000
11	48500	31800	40600	49200	34300	40800	49300	34600	41800	46600	31500	38500
12	47700	35700	40500	48100	35800	41100	48900	36600	41900	45100	31700	38000
13	46800	34300	39200	49400	35400	41500	47300	34900	40800	42800	30400	36900
14	47200	33400	37900	49400	37100	41300	46600	35800	40500	43300	30700	36500
15	47200	30700	37100	49600	36300	41100	47900	35500	40600	43600	29600	36600
16	41700	29600	35000	46900	34900	39700	47100	33800	39900	44600	28400	35900
17	42100	28800	34800	46300	32900	38500	45800	31300	39300	45000	31800	37900
18	43500	29600	35700	45400	30700	37800	45400	32500	38400	45200	30600	36700
19	46600	30900	37900	46400	32900	38600	47900	32400	39100	44600	30000	36000
20	47600	31200	38700	47800	32700	39000	50500	33900	41300	45200	31100	36900
21	49300	33200	40400	48400	32600	39200	49300	34400	41300	43900	30500	36500
22	49800	33300	41100	47600	30800	38400	47900	33600	40400	39100	26900	32000
23	48700	33300	39700	47100	31200	37800	46900	33500	39300	39000	26900	32600
24	50700	32100	40000	46100	31000	37100	46800	34400	39500	40200	26900	32500
25	51300	31100	40000	46400	31200	37500	45400	33900	38400	40600	29500	33300
26	49600	31400	39800	43900	30900	36600	43900	33900	38400	39200	29100	32600
27	48000	33000	38900	43600	32200	36300	41500	31500	35800	39000	28400	32900
28	45400	31300	37000	43200	32000	35600	40900	30100	34600	38900	29600	33300
29	44600	32600	37100	40000	31700	35300	42900	30700	35900	37900	28800	33100
30	45900	30400	37700	40900	30100	34900	42600	29100	36800	39200	29600	34000
31	---	---	---	43100	29600	35200	43800	32800	37100	---	---	---
MONTH	51300	24300	38200	49600	29600	38700	50500	29000	39700	49800	26900	36800
YEAR	51300	15200	35000									

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	39900	30200	34400	43500	32700	37400	---	---	---	45800	28900	35800
2	41700	31100	35500	42200	31000	35800	47400	35700	40200	44200	28900	35500
3	42200	32400	36400	42800	29700	35400	46200	34700	39500	43300	28700	34400
4	41400	31800	36100	42900	29200	34900	45400	34200	38700	43800	29600	35200
5	40300	31000	35300	40900	30400	35300	41200	32400	35900	43400	28700	36200
6	40200	31800	35500	45500	28100	37100	---	---	---	44700	31200	36700
7	39900	30200	34900	44300	33400	38200	---	---	---	44600	29400	36300
8	40600	31700	35500	44100	29900	38100	---	---	---	45000	28600	35000
9	40000	29800	35000	45400	35500	40100	45700	34300	39100	42400	27100	32900
10	39700	30600	34800	45900	35900	40200	48000	34800	40200	44700	25500	34100
11	40400	31100	35300	46800	34600	40200	48600	34800	41200	46900	28000	36300
12	43100	31300	36500	47000	34200	40300	50500	35000	42000	46600	29200	37500
13	42400	31900	37000	49400	33900	40600	50200	34700	41800	47000	29700	37200
14	42300	31300	36300	48900	33200	40100	50300	35400	42500	46200	30000	36400
15	42000	31200	36300	47300	31700	38700	49700	36300	42800	45100	31500	37000
16	45100	31000	37800	47100	31300	38700	49000	35000	40800	42600	31100	35300
17	46400	32300	39100	49700	32500	39500	44200	34000	38200	39500	28600	33200
18	46000	32900	37300	45100	31400	37100	43100	33500	37400	42100	27900	34700
19	37500	33000	34900	---	---	---	41500	32200	36100	42300	30300	35500
20	48300	34200	38400	---	---	---	39800	30400	34900	43300	30000	36600
21	46300	34800	38400	---	---	---	40400	30700	35400	41200	29800	35900
22	40500	33800	36100	---	---	---	48300	32600	37600	40900	30200	35400
23	37200	34100	35700	---	---	---	47700	35100	41000	41000	27600	33400
24	36000	32300	34300	---	---	---	47600	33900	40600	38200	25200	31200
25	35500	32600	34200	---	---	---	47400	34800	39700	38500	25200	31300
26	37200	33800	35300	---	---	---	46200	34200	39300	42000	27300	33500
27	37000	32900	34900	---	---	---	48700	34000	39500	46400	28800	36000
28	36800	31700	33900	---	---	---	46900	31600	39600	37100	23700	30800
29	37700	32700	34900	---	---	---	52100	33400	41100	43200	22900	32200
30	39000	32700	35300	---	---	---	42800	30900	36000	44000	24900	33500
31	42600	33200	36600	---	---	---	43200	28700	35100	45500	25200	33900
MONTH	48300	29800	35900	---	---	---	---	---	---	47000	22900	34800

DAY	BOTTOM											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	43300	24900	32600	44100	27100	34800	41200	25900	32200	38000	31400	33800
2	42200	25400	32200	42700	26200	33800	41200	23100	31100	33000	29800	31400
3	42900	27800	33200	39300	24700	30200	38500	26000	30700	34700	29800	31600
4	40700	24800	31700	41000	22200	30900	40600	24500	31000	38700	30600	33000
5	33400	21100	27100	39600	23000	29700	39100	24200	32000	37400	28300	32300
6	38500	22600	30000	37900	23800	29800	39700	28500	32500	40400	29500	34000
7	42600	23500	32500	39800	26000	32100	38000	28000	31800	40800	26800	33600
8	43800	25500	33900	38900	26100	31100	38400	28100	32000	41700	28100	33100
9	42300	26800	33300	37800	26400	30900	37000	25200	29900	42400	29300	33700
10	39500	26100	32400	37700	24300	28500	38000	25300	31100	43100	27600	34400
11	38100	25400	31500	39000	21300	30200	42500	26600	33700	45400	29900	36800
12	34300	24400	28900	40500	24300	30500	41500	28400	33900	44400	30900	35600
13	42900	24300	30300	38800	24600	30900	41600	28800	33900	44700	31100	36400
14	40700	25500	30800	37000	25900	30700	39000	28700	33300	45000	32500	37300
15	42400	25500	32500	40300	24600	31000	38300	27400	31800	43900	32400	37200
16	37900	25600	31000	42500	26000	31700	38300	27400	31500	43900	28300	35700
17	35400	21900	26900	39700	27800	32200	38800	26200	30700	41500	26900	33700
18	28500	17400	22100	39700	27700	32100	39500	26300	31400	40000	24500	32600
19	33700	17800	25300	36700	24900	29300	41100	26300	34000	41400	29100	35000
20	40600	19500	30700	35000	22600	27800	42000	29200	34600	40800	29200	34000
21	43400	22800	35000	34600	21500	27200	45300	30900	37400	42200	28900	34500
22	44900	26600	35500	40100	23500	31300	46200	34300	40000	45900	28800	36200
23	47000	28100	36500	40900	29400	33800	47400	34700	40700	45700	29800	37300
24	41000	30100	34700	40600	29400	34700	47500	33800	40800	47000	29500	37600
25	44600	29500	36400	43300	29000	35500	45700	31400	38300	43400	28300	36500
26	46900	29800	38200	44400	29100	36000	50000	31000	39400	42000	25300	32900
27	47100	25800	37500	44500	28600	35800	50700	32400	40400	40600	23400	31000
28	45400	28300	36600	43800	26800	34900	50900	33600	41700	41800	22400	30800
29	---	---	---	42600	25900	33600	50400	32900	41100	42400	24400	31300
30	---	---	---	43800	25000	33100	48900	32800	37700	42400	23100	31700
31	---	---	---	43800	25800	32800	---	---	---	41100	22900	31800
MONTH	47100	17400	32100	44500	21300	31800	50900	23100	34700	47000	22400	34100

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	40700	24800	31300	44400	31300	37100	45200	32200	39000	46300	33500	39900
2	42400	29300	34600	45500	33500	39100	46400	34600	40900	45600	34000	39800
3	43800	31000	36600	46300	33100	39900	45300	37100	40500	47200	33700	39800
4	43400	32300	37300	44800	34500	39900	45200	36600	41000	46300	30600	38000
5	44300	33300	37800	44700	35800	39500	47900	37600	42400	48700	33300	40500
6	44400	33400	38400	47300	32900	40300	49700	38900	43300	47700	29600	38400
7	45800	34300	39100	46900	35200	40700	49400	38800	43500	46900	29500	38000
8	46600	35200	40000	46700	36400	41300	49100	39000	43400	41300	30200	34800
9	46100	34900	40100	46400	33900	39400	49400	37500	42900	47800	31200	38100
10	45400	33600	39500	47300	32600	39300	48500	37600	42300	46100	33600	38700
11	46300	34000	39700	47300	33900	39700	48800	36600	42100	47700	33700	40000
12	45900	33400	39000	48300	34200	40100	48800	36600	42000	46300	34300	39800
13	45100	31400	37200	48100	36700	40600	47300	35900	41000	46100	33800	39400
14	45700	32200	37700	48100	34800	39800	46600	36000	40600	45600	33500	38700
15	46100	31700	37100	47900	35900	40600	47100	33900	40800	44900	32500	38400
16	42400	30600	35800	45500	34100	39100	46000	35500	39900	44300	30600	37700
17	43200	30300	35800	44800	32300	37700	46000	34900	39900	45000	32900	38900
18	44800	30200	37200	45600	30000	37500	46100	32300	39000	45500	32100	38700
19	46200	32000	38200	45800	31900	37900	47100	34700	39500	45900	31700	39400
20	48900	31600	38800	45800	31800	37700	49100	34000	40700	46900	34300	39900
21	48700	33200	40300	45900	32500	37700	49200	35200	41000	44400	33500	39000
22	49500	33200	40300	46900	31500	37800	46900	33200	40300	40800	28700	35100
23	50700	32200	40200	46900	31400	38000	46000	34100	39600	44000	28800	35200
24	49100	32500	39900	46400	27100	36800	46000	33300	39300	44500	31100	36400
25	49900	32500	39800	44500	31500	37300	46000	35100	39300	42600	29800	35100
26	47700	33600	39600	43500	30900	36700	45300	34300	39200	40400	31400	35100
27	47600	33300	38600	44100	32300	36700	42900	32700	36900	40800	30000	35300
28	44700	32500	37700	42400	32300	35800	41700	31800	36700	42300	31700	35900
29	44700	31800	37600	43100	31600	36100	43600	32700	37700	42900	28900	35700
30	46100	32700	37600	42900	31200	36000	44500	31200	37200	41900	29200	36800
31	---	---	---	42900	30000	36600	44800	32500	38600	---	---	---
MONTH	50700	24800	38100	48300	27100	38500	49700	31200	40300	48700	28700	37900

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.5	25.0	25.5	19.5	19.0	19.0	15.5	15.5	15.5	10.5	9.5	10.0
2	25.0	24.5	25.0	19.5	19.0	19.5	15.5	15.0	15.5	10.0	9.0	10.0
3	25.0	24.5	24.5	19.5	19.0	19.0	15.5	15.0	15.0	10.0	9.5	10.0
4	25.0	24.0	24.5	19.0	18.5	19.0	15.5	15.0	15.5	11.0	10.0	10.5
5	25.0	24.5	24.5	18.5	18.0	18.5	15.5	15.0	15.0	11.5	10.5	11.0
6	25.5	24.5	25.0	18.5	17.5	18.0	15.0	13.5	14.5	12.0	11.0	11.5
7	25.5	24.5	25.0	18.0	17.5	18.0	14.0	13.0	13.5	12.0	11.5	11.5
8	25.5	25.0	25.0	18.0	17.5	17.5	13.5	12.5	13.0	13.0	12.0	12.5
9	25.5	24.5	25.5	17.5	17.0	17.5	13.0	12.0	12.5	13.5	12.5	13.0
10	26.0	25.0	25.5	17.5	17.0	17.0	13.5	12.5	13.0	13.0	12.0	12.5
11	26.0	25.5	25.5	17.5	16.5	17.0	13.5	13.0	13.0	14.0	12.0	12.5
12	26.0	25.5	25.5	17.0	16.5	17.0	13.5	13.0	13.5	13.5	12.5	13.0
13	26.0	25.0	25.5	16.5	16.0	16.5	13.5	13.0	13.0	13.0	12.5	13.0
14	26.0	25.5	25.5	16.5	16.0	16.5	13.0	11.5	12.5	13.0	12.5	13.0
15	25.5	25.0	25.5	16.5	16.0	16.5	12.0	10.5	11.5	12.5	12.5	12.5
16	25.0	23.5	24.5	16.0	15.5	16.0	11.0	10.0	10.5	13.0	12.5	12.5
17	24.0	23.0	23.5	15.5	15.0	15.5	11.0	10.0	10.5	12.5	12.0	12.5
18	23.0	22.0	22.5	15.5	14.5	15.0	11.5	10.5	11.0	12.5	11.5	12.0
19	22.0	21.0	21.5	15.0	14.5	14.5	11.5	10.5	11.0	12.5	12.0	12.0
20	21.5	20.5	21.0	15.0	14.0	14.5	11.5	10.5	11.0	12.0	11.5	12.0
21	21.5	20.5	21.0	15.0	14.0	14.5	12.0	11.0	11.5	12.0	11.0	11.5
22	21.0	20.5	21.0	15.5	14.5	15.0	12.5	11.5	12.0	11.5	11.0	11.5
23	20.5	20.0	20.5	15.5	15.0	15.5	12.5	11.5	12.0	12.0	11.0	11.5
24	20.5	19.5	20.0	16.0	15.0	15.5	12.5	11.5	12.0	12.0	11.5	11.5
25	20.5	20.0	20.0	15.5	14.5	15.0	13.0	12.0	12.5	12.0	11.0	11.5
26	20.5	20.5	20.5	15.0	14.5	15.0	13.0	12.0	12.5	12.0	11.0	11.5
27	21.0	20.5	20.5	15.0	14.5	15.0	13.0	12.0	12.5	12.0	11.5	11.5
28	20.5	19.5	20.0	15.0	14.5	15.0	12.5	12.0	12.0	11.5	11.5	11.5
29	20.0	19.5	19.5	15.0	14.5	15.0	12.0	11.5	12.0	12.0	11.0	11.5
30	19.5	19.0	19.5	15.5	15.0	15.0	12.0	10.5	11.5	12.0	11.5	11.5
31	19.5	19.0	19.5	---	---	---	11.0	10.0	10.5	12.0	11.5	11.5
MONTH	26.0	19.0	23.0	19.5	14.0	16.4	15.5	10.0	12.6	14.0	9.0	11.7

DAY	TOP											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.5	11.5	11.5	15.0	13.5	14.5	19.5	17.5	18.5	21.0	20.5	20.5
2	11.5	11.0	11.5	15.0	14.0	14.5	20.0	18.0	19.0	21.5	20.5	21.0
3	12.0	11.0	11.5	14.5	13.5	14.0	19.0	18.5	18.5	21.5	21.0	21.0
4	11.5	11.0	11.5	14.0	13.0	13.5	19.0	18.0	18.5	21.5	21.0	21.5
5	11.5	11.0	11.5	13.5	13.0	13.5	18.5	17.5	18.0	22.5	21.5	21.5
6	11.5	10.5	11.0	13.5	13.0	13.0	18.5	18.0	18.0	23.5	21.5	22.0
7	11.0	11.0	11.0	13.5	13.0	13.0	19.0	18.0	18.5	23.0	22.0	22.5
8	11.0	10.5	10.5	14.0	13.0	13.5	19.0	18.5	18.5	23.5	22.5	22.5
9	11.0	10.0	10.5	14.5	13.5	14.0	19.5	18.5	19.0	23.0	22.5	23.0
10	11.0	9.5	10.5	14.5	14.0	14.0	19.0	18.5	19.0	23.0	22.0	22.5
11	11.5	10.0	10.5	14.0	12.5	13.5	19.0	18.0	18.5	23.0	22.0	23.0
12	11.5	11.0	11.0	13.5	12.0	13.0	19.0	18.0	18.5	23.5	22.5	23.0
13	11.5	11.0	11.0	13.5	12.0	12.5	19.5	18.0	18.5	24.0	23.0	23.0
14	11.5	10.5	11.0	13.5	12.0	12.5	19.0	18.5	18.5	23.5	23.0	23.5
15	11.0	10.5	11.0	14.0	12.0	13.0	19.0	18.5	18.5	24.5	23.5	23.5
16	11.0	10.0	10.5	14.0	12.5	13.0	20.0	18.5	19.0	25.0	23.5	24.0
17	12.5	11.0	11.5	13.5	13.0	13.0	20.0	19.0	19.5	24.5	24.0	24.5
18	13.0	11.5	12.0	13.5	13.0	13.0	20.0	19.5	19.5	25.5	24.0	24.5
19	13.0	12.0	12.5	14.5	13.0	13.5	20.5	19.5	20.0	25.5	24.5	24.5
20	13.0	12.0	12.5	15.0	13.5	14.5	20.5	20.0	20.0	25.5	25.0	25.0
21	13.0	12.0	12.5	15.0	14.5	14.5	20.5	19.5	20.0	26.0	25.0	25.5
22	13.5	12.0	12.5	14.5	13.5	14.5	20.5	20.0	20.0	26.0	25.5	25.5
23	13.0	12.0	12.5	14.5	14.0	14.5	20.5	20.0	20.0	26.0	25.0	25.5
24	13.0	12.0	12.5	15.0	14.0	14.5	20.5	19.5	20.0	26.5	25.5	26.0
25	13.0	12.5	12.5	15.5	14.5	15.0	20.5	19.5	20.0	27.5	26.0	26.5
26	13.0	12.5	13.0	16.5	15.0	15.5	20.5	19.5	20.0	28.0	26.5	27.0
27	13.5	13.0	13.0	17.0	15.5	16.0	20.5	20.0	20.5	27.5	26.5	27.0
28	14.5	13.5	13.5	17.5	16.5	17.0	21.0	20.0	20.5	27.5	26.5	27.0
29	---	---	---	18.5	17.0	17.5	21.0	19.5	20.5	28.0	26.5	27.0
30	---	---	---	18.0	17.0	17.5	21.0	20.0	20.5	28.0	26.5	27.5
31	---	---	---	19.0	17.0	18.0	---	---	---	28.5	27.0	27.5
MONTH	14.5	9.5	11.7	19.0	12.0	14.3	21.0	17.5	19.3	28.5	20.5	24.1

COOPER RIVER BASIN

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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, 12.25 ft, Feb. 15, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.51 ft, Jan. 27; minimum gage height, 12.78 ft, Dec. 31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.52	14.70	17.90	20.74	14.72	18.01	20.40	14.44	17.47	20.40	13.30	16.83
2	20.61	15.36	18.24	20.31	14.26	17.51	21.14	14.88	17.94	20.10	13.25	16.71
3	20.79	15.66	18.29	20.51	14.78	17.51	21.03	14.86	17.95	20.04	13.57	16.76
4	20.52	15.28	17.98	20.21	14.84	17.44	20.57	14.30	17.49	19.94	13.85	16.86
5	20.30	15.12	17.74	20.67	15.17	17.78	19.88	13.98	16.84	19.90	14.20	17.11
6	20.11	15.24	17.63	21.06	15.79	18.31	20.02	14.14	16.99	20.12	14.14	17.26
7	20.19	15.33	17.68	20.78	15.54	18.19	19.94	14.27	17.17	20.40	14.56	17.61
8	20.39	15.61	17.91	21.04	15.32	18.22	19.95	14.35	17.35	20.81	14.27	17.67
9	20.56	15.61	17.98	21.07	15.22	18.37	20.39	14.20	17.63	20.55	13.25	17.14
10	20.54	15.26	17.85	21.23	14.65	18.42	21.04	13.80	17.78	20.44	13.39	17.35
11	20.62	15.11	17.96	21.13	14.30	18.20	21.09	14.19	17.86	20.78	13.88	17.62
12	21.42	15.48	18.48	21.31	14.18	18.06	21.43	14.19	18.14	20.91	14.08	17.77
13	21.50	14.92	18.51	21.92	14.16	18.43	21.79	14.55	18.42	21.01	14.41	17.69
14	21.56	14.53	18.37	21.82	14.04	17.87	21.86	14.60	18.62	20.94	14.35	18.03
15	21.62	14.40	18.40	20.74	13.16	17.24	22.33	15.32	18.78	21.21	15.67	18.39
16	22.25	14.50	18.55	20.68	13.47	17.30	21.70	15.37	18.51	20.82	14.35	17.47
17	22.19	14.73	18.56	21.02	14.23	17.64	21.17	15.31	18.05	19.80	14.91	17.25
18	22.21	14.85	18.71	20.83	14.71	17.69	20.56	14.94	17.65	20.22	15.19	17.65
19	22.10	15.45	18.73	20.65	14.74	17.63	20.19	15.14	17.52	20.31	15.64	18.25
20	21.80	15.64	18.64	20.27	15.24	17.59	19.46	14.94	17.10	20.26	16.30	18.31
21	21.55	15.96	18.76	20.26	15.64	17.77	19.61	15.09	17.42	20.09	16.26	18.24
22	21.12	15.91	18.55	19.53	15.18	17.46	19.96	15.47	17.90	20.54	16.30	18.39
23	20.89	16.27	18.60	19.57	15.03	17.43	19.55	15.10	17.33	20.86	15.56	18.25
24	20.69	16.21	18.55	19.58	15.42	17.57	19.84	15.67	17.93	20.66	14.21	17.90
25	20.19	15.66	18.13	19.98	15.46	17.85	20.30	14.90	17.64	20.42	14.45	17.72
26	20.61	15.75	18.53	20.26	14.81	17.85	20.27	15.10	17.75	21.13	14.90	18.45
27	20.62	14.23	17.92	19.81	14.84	17.52	21.19	14.23	18.01	22.51	15.22	18.90
28	20.50	14.41	17.98	20.50	14.65	17.66	20.91	14.18	18.04	20.24	13.39	17.23
29	20.73	15.67	18.39	20.46	14.49	17.62	21.90	14.61	18.26	21.53	13.80	18.00
30	20.76	15.50	18.32	21.04	14.83	17.87	19.86	12.97	16.57	21.77	14.59	18.36
31	20.94	15.53	18.32	---	---	---	19.92	12.78	16.22	22.11	15.22	18.63
MONTH	22.25	14.23	18.26	21.92	13.16	17.80	22.33	12.78	17.69	22.51	13.25	17.74

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	21.48	15.06	18.34	21.75	14.37	18.23	20.52	13.82	17.21	21.45	15.16	18.08
2	21.38	15.39	18.47	20.94	14.14	17.79	20.39	14.32	17.13	20.52	15.04	17.65
3	22.08	16.35	19.14	20.43	13.85	16.97	20.28	14.53	17.36	20.33	15.04	17.81
4	22.08	14.56	18.61	20.46	14.52	17.59	20.85	14.67	17.32	20.44	15.50	17.94
5	20.39	14.90	17.69	20.60	14.62	17.48	20.48	15.64	18.09	20.15	15.43	17.91
6	20.98	15.88	18.49	20.55	15.45	18.04	20.47	15.23	18.05	20.13	15.33	17.81
7	21.98	15.64	19.11	20.94	15.57	18.34	20.18	15.14	17.85	20.36	15.39	18.02
8	21.90	15.83	19.04	21.17	15.74	18.40	20.14	15.07	17.78	20.19	15.07	17.84
9	21.94	15.82	19.03	20.98	13.66	17.72	19.95	14.20	17.43	20.66	15.07	17.92
10	21.60	15.45	18.66	19.37	13.69	16.88	20.04	13.69	17.02	21.08	15.25	18.16
11	21.42	15.10	18.41	20.47	13.95	17.79	21.06	15.06	18.30	21.56	15.60	18.57
12	20.26	14.40	17.40	20.62	14.61	17.67	20.99	15.48	18.31	21.28	15.67	18.47
13	20.61	14.47	17.70	20.42	14.92	17.81	21.03	15.55	18.27	21.61	15.71	18.59
14	20.46	14.98	17.81	19.96	14.54	17.31	20.57	15.15	17.92	21.82	16.14	18.90
15	20.74	16.00	18.39	20.28	14.08	17.23	20.49	15.05	17.70	21.59	16.33	18.92
16	21.36	16.29	18.84	20.64	15.32	17.86	20.41	15.23	17.69	21.21	15.75	18.44
17	21.06	15.73	18.58	20.46	15.61	18.14	20.11	15.06	17.44	21.00	15.64	18.09
18	20.14	15.31	17.49	20.44	15.64	17.94	20.12	15.15	17.48	21.00	15.25	18.05
19	19.60	15.74	17.67	20.39	15.66	17.86	20.22	15.45	17.66	21.00	15.59	18.30
20	19.99	15.91	17.92	20.30	15.89	17.92	19.88	14.95	17.55	20.65	14.79	17.80
21	19.81	15.38	17.72	19.82	14.97	17.19	20.74	15.66	18.35	20.84	14.45	17.88
22	20.36	15.54	18.25	19.45	15.04	17.27	21.03	14.94	18.35	21.82	14.72	18.51
23	21.90	13.91	18.40	20.26	15.51	18.12	21.12	14.58	18.25	21.96	14.52	18.57
24	20.26	13.82	17.24	20.86	15.04	18.08	21.44	14.30	18.28	22.19	14.37	18.44
25	21.08	13.82	17.97	21.15	14.87	18.27	21.51	13.62	17.81	21.90	14.10	18.20
26	22.01	14.36	18.63	21.24	14.24	18.03	21.55	13.33	17.71	21.57	13.75	17.75
27	22.44	14.81	18.84	21.34	13.73	17.87	21.53	13.22	17.46	21.46	14.00	17.58
28	22.08	14.33	18.44	21.43	13.44	17.71	22.22	14.41	18.35	21.36	14.27	17.68
29	---	---	---	21.16	13.17	17.34	21.67	14.72	18.18	21.19	14.90	17.92
30	---	---	---	21.17	13.27	17.22	21.50	15.17	18.16	20.86	15.24	17.94
31	---	---	---	21.02	13.56	17.27	---	---	---	20.76	15.54	18.01
MONTH	22.44	13.82	18.30	21.75	13.17	17.72	22.22	13.22	17.82	22.19	13.75	18.12

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.40	15.12	17.66	19.36	14.67	17.20	20.40	15.20	18.03	20.67	15.86	18.17
2	19.98	15.46	17.85	19.74	15.24	17.57	20.83	16.44	18.62	20.50	15.39	17.96
3	20.24	15.64	18.00	20.06	15.36	17.69	20.82	16.06	18.43	21.71	13.42	18.36
4	20.42	15.56	18.02	20.28	15.73	17.95	20.90	15.64	18.26	20.15	13.31	16.65
5	20.16	15.37	18.00	20.03	15.13	17.59	21.02	15.25	18.19	21.12	13.82	17.57
6	20.23	15.25	17.80	20.82	15.12	17.97	21.31	14.96	18.15	21.50	14.22	17.96
7	20.55	15.17	17.88	20.96	15.22	18.08	21.35	14.66	18.05	21.10	14.11	17.84
8	20.43	14.76	17.57	20.87	14.90	17.85	21.25	14.44	17.91	20.80	13.66	17.43
9	20.33	14.34	17.36	20.73	14.40	17.51	21.22	14.38	17.83	21.52	14.02	17.99
10	20.18	14.24	17.07	21.33	14.62	17.78	21.08	14.35	17.81	21.24	14.46	18.00
11	20.78	14.44	17.57	21.57	15.12	18.22	20.83	14.22	17.71	21.05	14.57	17.92
12	20.80	14.71	17.71	21.61	15.40	18.48	20.76	14.29	17.69	20.83	14.63	17.78
13	20.42	14.58	17.44	21.30	15.20	18.31	20.68	14.42	17.73	20.72	14.66	17.72
14	20.78	14.52	17.59	21.27	15.26	18.35	20.88	14.57	17.93	20.69	15.03	17.90
15	20.59	14.48	17.28	21.27	15.19	18.11	20.96	14.79	18.02	20.91	15.40	18.20
16	20.07	14.08	17.05	20.54	14.57	17.55	20.77	14.73	17.81	20.91	15.26	18.23
17	19.85	13.99	17.09	20.32	13.96	17.24	20.54	14.45	17.68	20.92	15.20	18.25
18	20.49	14.30	17.56	20.53	13.92	17.36	20.60	14.30	17.52	21.14	15.12	18.26
19	20.73	14.26	17.63	20.79	14.11	17.53	20.83	14.22	17.62	21.22	15.36	18.45
20	21.11	14.20	17.68	20.84	13.95	17.53	21.54	15.08	18.42	21.20	15.55	18.51
21	21.29	14.06	17.88	20.67	13.60	17.30	21.33	15.18	18.36	20.95	15.54	18.44
22	21.37	13.94	17.79	20.73	13.45	17.18	21.03	14.99	18.16	20.50	15.38	18.09
23	21.54	13.82	17.73	20.63	13.54	17.10	20.73	15.07	17.95	20.92	15.33	18.49
24	21.63	14.13	17.91	20.48	13.83	17.11	20.58	15.13	17.93	20.99	16.30	18.64
25	21.70	14.70	18.10	20.38	14.23	17.24	20.68	15.16	18.02	20.69	16.13	18.34
26	21.29	14.88	18.06	20.24	14.30	17.16	20.06	15.25	17.74	20.35	15.99	18.11
27	20.54	14.87	17.78	20.54	15.11	17.83	18.81	14.22	16.62	20.21	16.01	18.00
28	20.59	14.92	17.74	20.10	15.16	17.63	19.07	14.63	16.88	20.11	15.93	17.89
29	20.48	15.42	18.05	19.94	15.08	17.63	19.73	15.23	17.44	20.33	15.84	18.00
30	20.47	15.46	17.67	19.59	15.09	17.31	19.99	15.69	17.76	20.64	15.79	18.27
31	---	---	---	19.46	14.76	17.06	20.20	15.67	17.85	---	---	---
MONTH	21.70	13.82	17.68	21.61	13.45	17.63	21.54	14.22	17.87	21.71	13.31	18.05
YEAR	22.51	12.78	17.89									

SANTEE RIVER BASIN

365

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 mi².

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 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	27	e32	e34	31	31	39	33	41	30	27	29	24
2	23	e32	e31	31	32	36	33	37	31	27	28	24
3	21	e29	e30	33	44	34	41	34	29	27	27	75
4	e21	e29	e30	36	55	33	51	34	33	27	27	73
5	e21	e28	e29	31	50	33	32	33	38	27	26	39
6	e20	e27	e28	30	42	33	32	32	35	27	26	31
7	e20	e27	e30	33	38	36	29	42	32	27	26	28
8	e20	e27	e37	37	36	63	32	84	29	27	26	27
9	e20	e29	e35	39	33	83	56	60	28	27	28	26
10	e21	e33	e34	36	31	55	45	46	28	27	e27	25
11	e21	e29	e33	35	29	46	45	39	29	27	28	25
12	e21	e28	e33	32	30	39	44	37	28	27	29	24
13	e21	e42	e31	29	30	35	40	32	28	27	29	24
14	e21	e38	e30	28	30	34	36	30	27	26	28	24
15	e23	e35	e29	37	30	32	34	29	27	27	29	24
16	e27	e32	e28	43	33	34	33	29	27	27	29	24
17	e28	e31	e28	37	52	34	32	31	27	28	30	25
18	e37	e30	e28	33	43	36	37	32	27	27	27	25
19	e40	e29	e27	40	38	47	37	30	27	27	27	25
20	e32	e29	e27	35	35	40	36	29	31	30	30	25
21	e29	e30	e27	32	33	37	32	29	35	31	28	26
22	e28	e35	e38	32	35	35	32	28	34	31	27	26
23	e27	e30	36	45	42	34	32	27	29	30	26	26
24	e26	e28	62	38	38	34	31	31	27	30	25	25
25	e26	e27	51	35	36	33	34	36	27	30	24	25
26	e32	e27	38	32	34	33	34	29	27	30	22	25
27	e34	e28	40	49	35	30	33	27	28	29	21	25
28	e30	e28	39	44	46	30	32	28	28	29	22	25
29	e29	e29	37	39	---	31	31	31	29	28	22	26
30	e27	e40	34	35	---	31	34	35	28	27	22	30
31	e27	---	32	33	---	31	---	32	---	27	23	---
TOTAL	800	918	1046	1100	1041	1181	1083	1094	883	865	818	876
MEAN	25.8	30.6	33.7	35.5	37.2	38.1	36.1	35.3	29.4	27.9	26.4	29.2
MAX	40	42	62	49	55	83	56	84	38	31	30	75
MIN	20	27	27	28	29	30	29	27	27	26	21	24
CFSM	.83	.98	1.08	1.14	1.19	1.22	1.16	1.13	.94	.89	.85	.94
IN.	.95	1.09	1.25	1.31	1.24	1.41	1.29	1.30	1.05	1.03	.98	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1998, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	24.1	25.2	26.2	28.0	27.9	27.4	25.5	23.7	23.3	23.0	24.0	22.9
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	18.3	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

SANTEE RIVER BASIN

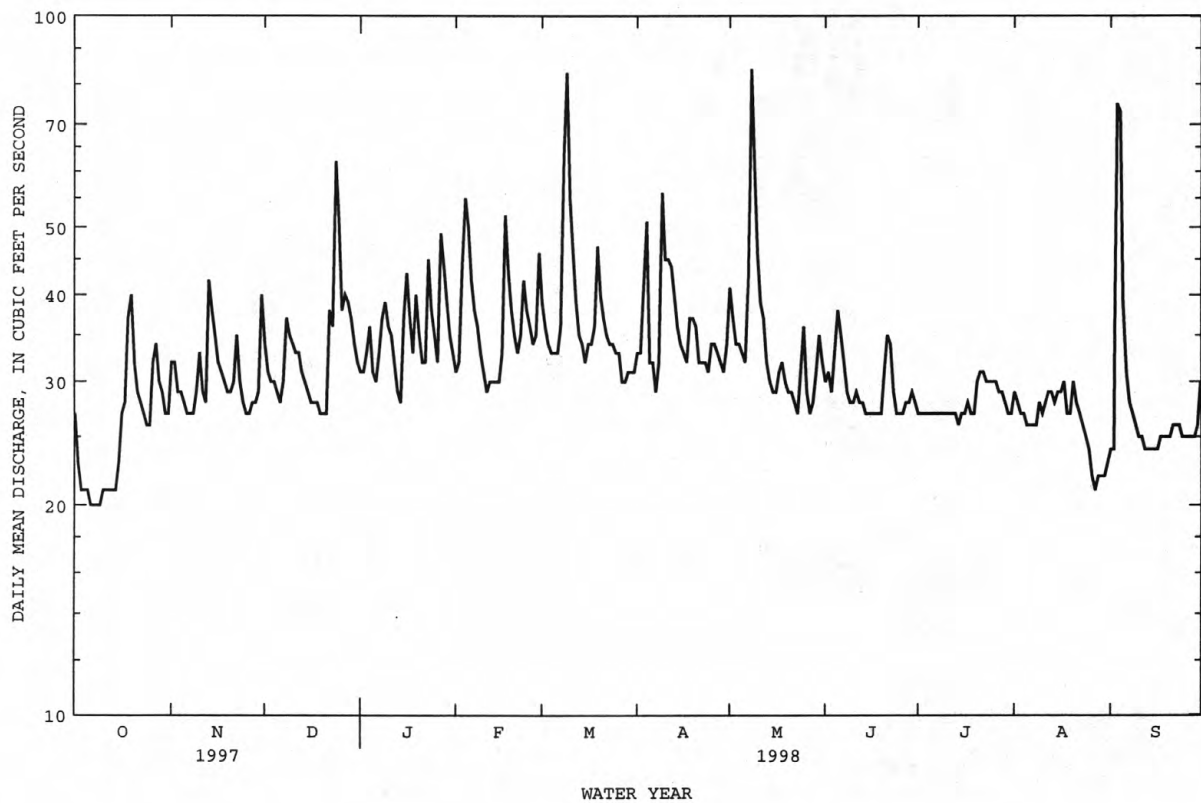
02172640 DEAN SWAMP CREEK NEAR SALLEY, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1981 - 1998
ANNUAL TOTAL	9460	11705	
ANNUAL MEAN	25.9	32.1	25.3
HIGHEST ANNUAL MEAN			32.1
LOWEST ANNUAL MEAN			17.2
HIGHEST DAILY MEAN	62 Dec 24	84 May 8	114 Oct 23 1990
LOWEST DAILY MEAN	18 * Mar 2	20 ** Oct 6	11 Jul 20 1990
ANNUAL SEVEN-DAY MINIMUM	19 Aug 23	20 Oct 3	12 Mar 11 1989
INSTANTANEOUS PEAK FLOW		150 Sep 3	229 Oct 23 1990
INSTANTANEOUS PEAK STAGE		5.13 Sep 3	6.21 Oct 23 1990
ANNUAL RUNOFF (CFSM)	.83	1.03	.81
ANNUAL RUNOFF (INCHES)	11.28	13.96	11.01
10 PERCENT EXCEEDS	34	40	33
50 PERCENT EXCEEDS	25	30	24
90 PERCENT EXCEEDS	19	25	18

e Estimated

* Also occurred on Mar. 5, 6, May 23, July 14, 15, Aug. 5, 8, 25, 26, Sept. 7, 8.

** Also occurred Oct. 7 - 9.



SANTEE RIVER BASIN

367

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 mi², 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.--Records good except for estimated daily discharges, which are poor.

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 ft³/s by conveyance-slope study).

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	1340	932	863	1360	1750	1640	1190	1430	752	498	587	540
2	1210	1060	874	1240	1690	1630	1170	1620	755	466	563	539
3	974	1090	900	1160	1620	1600	1240	1570	770	444	552	661
4	813	1000	891	1070	2100	1510	1860	1660	760	429	536	1160
5	708	889	867	1010	2560	1400	2070	1650	823	422	504	1380
6	615	814	864	995	2540	1340	2050	1600	869	412	489	1390
7	541	786	876	1040	2350	1310	1980	1540	844	404	474	1370
8	501	788	857	1430	2400	1480	2050	3660	806	392	449	1410
9	475	800	891	1480	2430	2420	2130	4060	775	382	466	1430
10	456	782	950	1230	2150	2950	1980	2870	826	380	588	1250
11	448	732	1010	1110	1820	2880	1820	2620	897	385	593	1010
12	435	687	1070	1120	1610	2930	1770	2720	843	472	575	828
13	426	753	1070	1120	1460	2980	1910	2560	758	541	557	702
14	423	884	1040	1090	1350	2520	2120	2110	698	473	563	619
15	493	976	1030	1100	1280	2100	2060	1790	674	424	578	567
16	565	1030	996	1260	1260	1830	1850	1560	679	475	574	536
17	591	993	946	1390	1510	1650	1680	1390	677	618	563	520
18	609	938	911	1440	1710	1600	1610	1260	647	743	555	514
19	653	934	871	1490	1740	1880	1580	1150	608	779	572	527
20	e677	960	825	1620	1690	1960	1540	1080	599	725	592	530
21	e702	953	789	1730	1610	1890	1500	1020	597	655	604	530
22	e729	919	825	1670	1600	1770	1440	963	586	606	595	550
23	e752	881	943	1930	1700	1640	1600	938	578	568	579	548
24	770	849	1170	2240	1710	1570	1710	902	589	547	571	547
25	779	820	1580	2210	1650	1510	1600	850	621	525	558	549
26	775	812	1700	1890	1550	1420	1470	811	625	503	515	551
27	844	796	1770	1870	1510	1340	1370	780	569	493	470	544
28	929	781	1800	2280	1600	1280	1290	756	528	497	440	530
29	956	772	1730	2220	---	1240	1220	747	503	499	418	516
30	908	820	1680	1970	---	1220	1190	765	526	499	400	516
31	858	---	1530	1770	---	1210	---	765	---	497	397	---
TOTAL	21955	26231	34119	46535	49950	55700	50050	49197	20782	15753	16477	22864
MEAN	708	874	1101	1501	1784	1797	1668	1587	693	508	532	762
MAX	1340	1090	1800	2280	2560	2980	2130	4060	897	779	604	1430
MIN	423	687	789	995	1260	1210	1170	747	503	380	397	514
CFSM	.98	1.21	1.53	2.08	2.48	2.50	2.32	2.20	.96	.71	.74	1.06
IN.	1.13	1.36	1.76	2.40	2.58	2.88	2.59	2.54	1.07	.81	.85	1.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1998, BY WATER YEAR (WY)

MEAN	619	677	834	986	1089	1161	1030	683	570	529	588	560
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

SANTEE RIVER BASIN

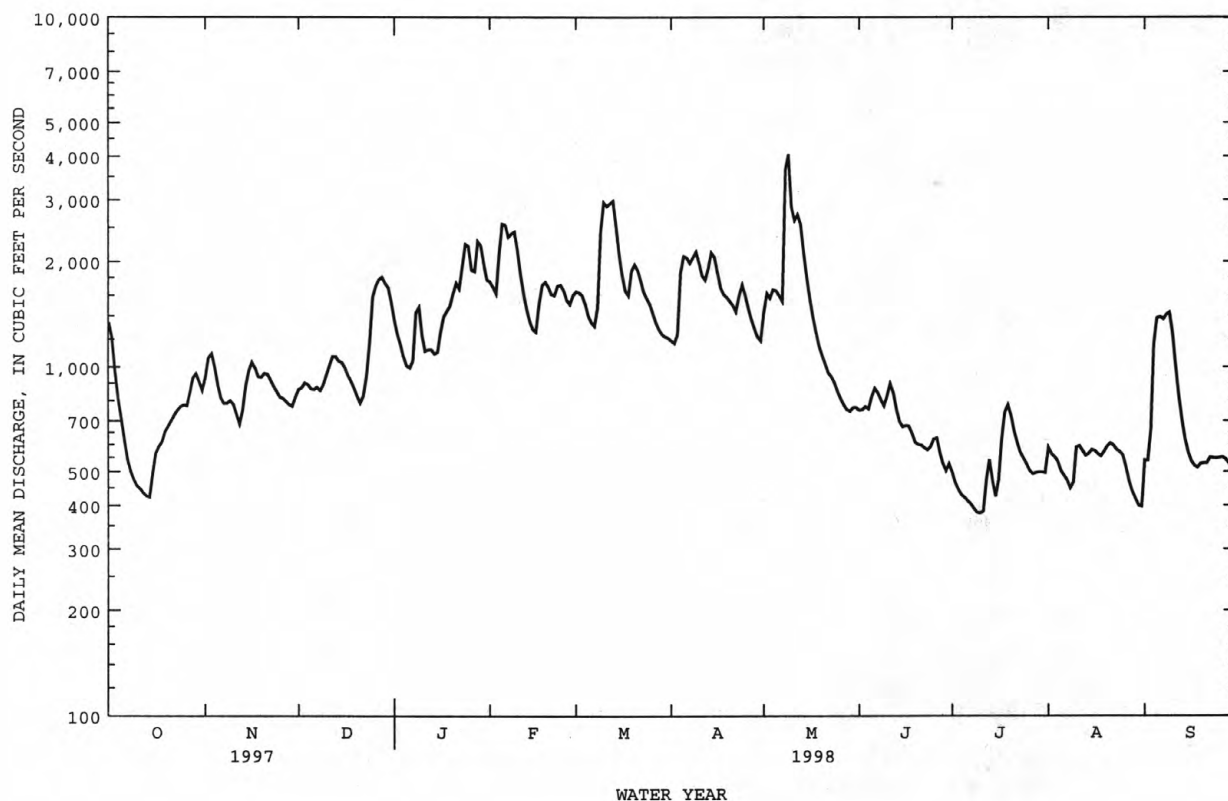
02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1931 - 1998	
ANNUAL TOTAL	259138		409613		772	
ANNUAL MEAN	710		1122		1468	
HIGHEST ANNUAL MEAN					453	
LOWEST ANNUAL MEAN					12700	
HIGHEST DAILY MEAN	1800	Dec 28	4060	May 9	133	Apr 11 1936
LOWEST DAILY MEAN	275	Sep 9	380	Jul 10	138	Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	293	Sep 5	397	Jul 5	138	Jul 7 1990
INSTANTANEOUS PEAK FLOW			4890	May 9	* 13500	Apr 11 1936
INSTANTANEOUS PEAK STAGE			8.71	May 9	10.91	Apr 11 1936
INSTANTANEOUS LOW FLOW			376	Jul 11	133	** Jul 12 1990
ANNUAL RUNOFF (CFSM)	.99		1.56		1.07	
ANNUAL RUNOFF (INCHES)	13.39		21.16		14.57	
10 PERCENT EXCEEDS	1060		1920		1360	
50 PERCENT EXCEEDS	666		932		644	
90 PERCENT EXCEEDS	372		500		345	

e Estimated

* From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.

* Also occurred on July 13, 1990.



EDISTO RIVER BASIN

369

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 mi 130.9.

DRAINAGE AREA.--757 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1150	911	904	1720	2130	1860	1110	1400	634	410	454	399
2	1300	991	902	1510	2100	1810	1090	1520	650	387	490	456
3	1140	1090	906	1380	2070	1780	1170	1590	655	363	464	611
4	924	1080	926	1280	2690	1710	1880	1680	653	346	456	1140
5	774	988	912	1180	3580	1570	2260	1650	702	335	435	1310
6	662	892	888	1140	3600	1450	2230	1570	744	328	410	1460
7	567	822	883	1180	3230	1410	2150	1540	743	320	395	1470
8	483	790	897	1680	3020	1620	2150	5260	715	312	382	1440
9	442	785	979	2310	3190	2940	2450	6510	680	305	374	1480
10	412	791	1040	1720	2980	3930	2270	4310	667	301	426	1460
11	394	768	1090	1390	2460	3950	1980	3340	731	305	493	1240
12	384	727	1160	1270	2060	3680	1780	2930	760	336	499	999
13	374	759	1200	1280	1780	4010	1740	3030	708	394	485	814
14	367	859	1160	1270	1590	3510	2110	2430	631	412	470	674
15	384	941	1130	1290	1450	2700	2300	1920	577	364	484	574
16	453	1000	1080	1500	1390	2190	2050	1560	561	373	499	514
17	507	1030	1030	1620	1890	1860	1760	1330	564	445	519	480
18	543	989	992	1670	2140	1780	1690	1160	554	552	485	468
19	588	946	959	1810	2070	2470	1590	1030	530	669	494	482
20	632	947	919	1960	2040	2490	1490	938	511	690	503	486
21	661	971	871	2050	1890	2200	1430	875	490	640	513	487
22	696	969	918	2110	1820	2030	1380	825	482	568	518	493
23	741	933	1060	2480	2050	1820	1380	805	470	509	508	505
24	754	895	1260	3060	2080	1650	1580	776	465	470	494	503
25	767	856	1890	3000	1950	1570	1600	735	480	450	483	502
26	810	831	2050	2620	1820	1470	1450	699	507	430	464	507
27	893	818	2250	2440	1750	1360	1300	668	501	411	425	511
28	890	801	2350	3070	1780	1280	1180	645	453	404	384	506
29	951	792	2200	3030	---	1200	1100	631	419	404	358	492
30	951	866	2080	2710	---	1150	1060	631	416	401	338	497
31	901	---	1960	2330	---	1130	---	639	---	402	332	---
TOTAL	21495	26838	38846	59060	62600	65580	50710	54627	17653	13036	14034	22960
MEAN	693	895	1253	1905	2236	2115	1690	1762	588	421	453	765
MAX	1300	1090	2350	3070	3600	4010	2450	6510	760	690	519	1480
MIN	367	727	871	1140	1390	1130	1060	631	416	301	332	399
CFSM	.92	1.18	1.66	2.52	2.95	2.79	2.23	2.33	.78	.56	.60	1.01
IN.	1.06	1.32	1.91	2.90	3.08	3.22	2.49	2.68	.87	.64	.69	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1998, BY WATER YEAR (WY)

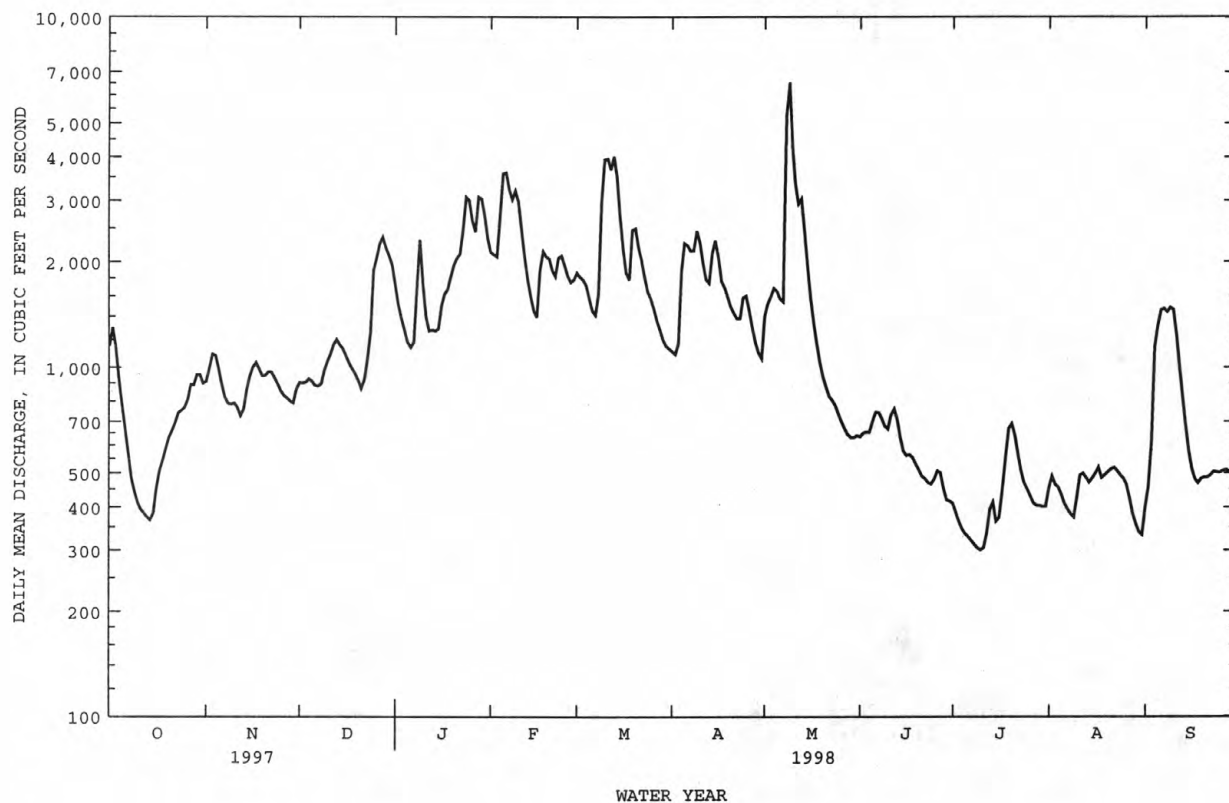
MEAN	716	815	948	1355	1355	1317	992	749	612	555	726	620
MAX	1058	1053	1253	2236	2236	2115	1690	1762	813	802	1420	957
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1991	1991	1995
MIN	507	594	630	840	844	927	590	457	445	421	379	353
(WY)	1994	1992	1992	1992	1992	1997	1997	1994	1994	1998	1997	1997

EDISTO RIVER BASIN

02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1991 - 1998	
ANNUAL TOTAL	269849		447439		883	
ANNUAL MEAN	739		1226		1226	
HIGHEST ANNUAL MEAN					1226	
LOWEST ANNUAL MEAN					666	
HIGHEST DAILY MEAN	2350	Dec 28	6510	May 9	6510	May 9 1998
LOWEST DAILY MEAN	222	Sep 9	301	Jul 10	222	Sep 9 1997
ANNUAL SEVEN-DAY MINIMUM	248	Sep 18	315	Jul 5	248	Sep 18 1997
INSTANTANEOUS PEAK FLOW			7610	May 8	7610	* May 8 1998
INSTANTANEOUS PEAK STAGE			10.86 *	May 8	10.86 *	May 8 1998
INSTANTANEOUS LOW FLOW			297	Jul 10	217	Sep 9 1997
ANNUAL RUNOFF (CFSM)	.98		1.62		1.17	
ANNUAL RUNOFF (INCHES)	13.26		21.99		15.86	
10 PERCENT EXCEEDS	1120		2300		1470	
50 PERCENT EXCEEDS	708		947		760	
90 PERCENT EXCEEDS	338		414		443	

* Also occurred on May 9, 1998.



EDISTO RIVER BASIN

371

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 mi².

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.--Records fair 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	1390	1250	1290	2390	2660	2330	1470	1690	912	513	592	463
2	1640	1310	1290	2120	2560	2290	1450	1940	929	482	638	537
3	1620	1430	1250	1930	2620	2220	1570	1950	966	444	628	783
4	1370	1470	1260	1790	3360	2140	2270	2060	954	413	594	1220
5	1150	1390	1270	1650	4630	2010	2830	2080	991	392	569	1550
6	1020	1260	1230	1620	4550	1890	2720	1940	1040	382	520	1640
7	885	1160	1210	1650	4020	1860	2570	1880	1040	368	486	1690
8	724	1100	1210	1930	3600	2060	2490	5030	1000	355	462	1660
9	595	1080	1370	3330	3650	3380	2920	8080	968	344	446	1670
10	520	1080	1520	2740	3580	4740	2830	5740	937	336	481	e1690
11	477	1080	1560	2100	3090	4730	2470	4250	973	344	603	e1550
12	456	1050	1660	1810	2630	4300	2190	3470	1020	375	653	e1290
13	438	1090	1720	1750	2310	4460	2070	3540	996	438	648	e1130
14	424	1190	1700	1740	2090	4270	2290	3090	923	508	625	e930
15	423	1320	1630	1750	1920	3390	2680	2470	853	462	623	816
16	511	1370	1560	1960	1850	2760	2510	2050	804	481	638	708
17	628	1400	1480	2190	2320	2370	2200	1770	793	550	694	636
18	713	1380	1410	2210	3030	2230	2190	1580	789	665	656	596
19	803	1320	1350	2340	2680	3000	2060	1420	772	822	638	606
20	864	1280	1290	2550	2550	3590	1920	1290	734	913	651	615
21	915	1310	1230	2630	2410	2920	1800	1200	684	893	656	616
22	956	1340	1300	2690	2300	2570	1740	1130	659	816	672	622
23	1010	1320	1520	3060	2520	2340	1710	1110	638	727	669	634
24	1040	1260	1830	4020	2640	2130	1830	1090	615	649	650	635
25	1060	1200	2560	3970	2490	2000	1940	1050	620	599	629	629
26	1110	1150	2950	3500	2320	1900	1820	1010	653	566	605	634
27	1260	1130	3020	3210	2220	1790	1670	972	677	528	546	645
28	1270	1110	3220	3890	2210	1690	1530	936	621	506	470	647
29	1270	1100	3030	3990	---	1610	1440	915	552	496	417	637
30	1300	1220	2770	3530	---	1540	1380	907	515	489	386	636
31	1250	---	2610	3020	---	1490	---	918	---	486	382	---
TOTAL	29092	37150	54300	79060	78810	82000	62560	68558	24628	16342	17927	28115
MEAN	938	1238	1752	2550	2815	2645	2085	2212	821	527	578	937
MAX	1640	1470	3220	4020	4630	4740	2920	8080	1040	913	694	1690
MIN	423	1050	1210	1620	1850	1490	1380	907	515	336	382	463
CFSM	1.16	1.53	2.17	3.16	3.49	3.28	2.58	2.74	1.02	.65	.72	1.16
IN.	1.34	1.71	2.50	3.64	3.63	3.78	2.88	3.16	1.14	.75	.83	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1998, BY WATER YEAR (WY)

MEAN	989	1116	1323	1926	1843	1790	1320	1050	888	746	1031	833
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	739	946	1142	1245	1244	816	613	688	527	447	392
(WY)	1994	1997	1997	1997	1992	1997	1997	1995	1994	1998	1997	1997

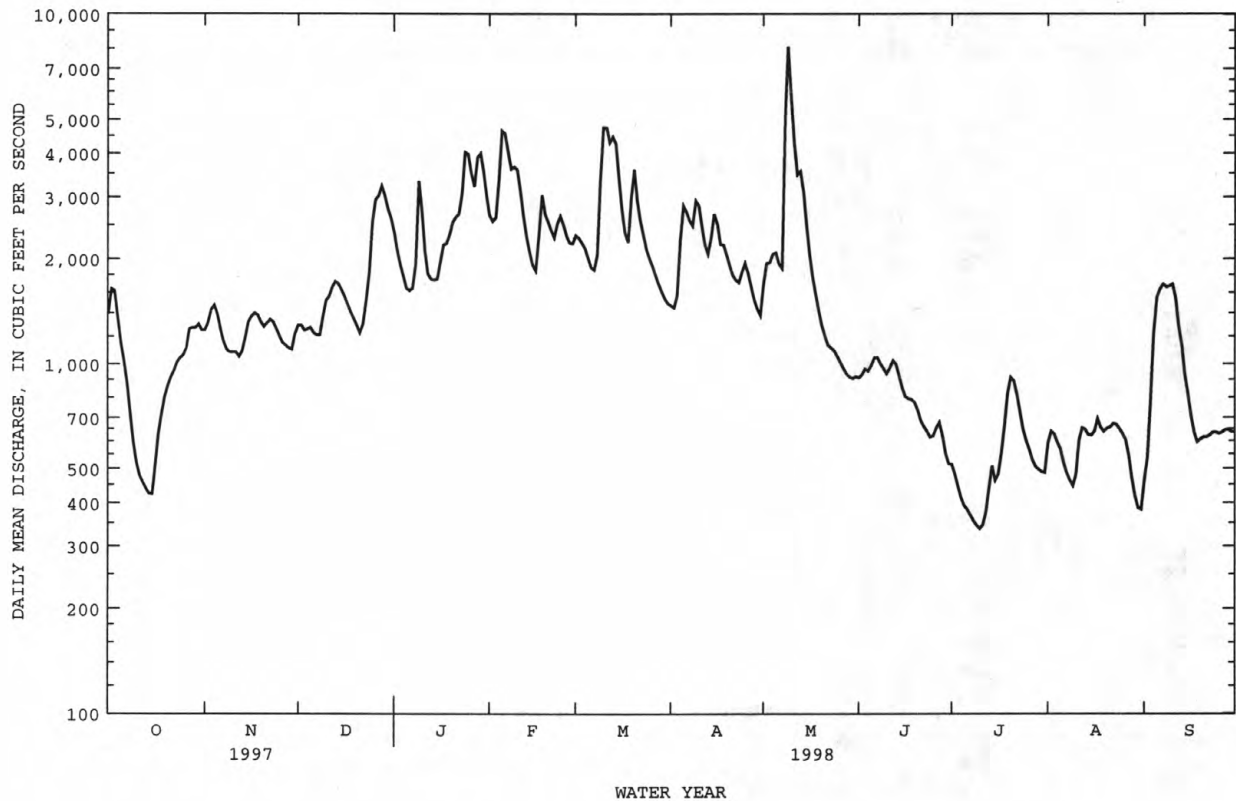
EDISTO RIVER BASIN

02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1991 - 1998	
ANNUAL TOTAL	358382		578542		1204	
ANNUAL MEAN	982		1585		858	
HIGHEST ANNUAL MEAN					1585	
LOWEST ANNUAL MEAN					858	
HIGHEST DAILY MEAN	3220	Dec 28	8080	May 9	8080	May 9 1998
LOWEST DAILY MEAN	234	Sep 9	336	Jul 10	234	Sep 9 1997
ANNUAL SEVEN-DAY MINIMUM	255	Sep 6	358	Jul 6	255	Sep 6 1997
INSTANTANEOUS PEAK FLOW			8640	May 9	8640	May 9 1998
INSTANTANEOUS PEAK STAGE			13.71	May 9	13.71	May 9 1998
INSTANTANEOUS LOW FLOW			330 *	Jul 10	230	Sep 9 1997
ANNUAL RUNOFF (CFSM)	1.22		1.96		1.49	
ANNUAL RUNOFF (INCHES)	16.52		26.67		20.27	
10 PERCENT EXCEEDS	1540		3020		2030	
50 PERCENT EXCEEDS	984		1300		1050	
90 PERCENT EXCEEDS	361		518		538	

e Estimated

* Also occurred on July 11.



SANTEE RIVER BASIN

373

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 mi².

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.--No estimated daily discharges. Records good. About 12 ft³/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 ft³/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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	990	832	818	1210	1670	1590	1120	1230	809	492	521	409
2	1020	876	832	1090	1620	1790	1100	1360	785	472	516	411
3	943	896	821	1030	1530	1620	1180	1400	796	462	486	625
4	841	864	823	970	2000	1420	1630	1450	802	451	461	1010
5	756	809	820	918	2740	1310	1940	1400	834	444	448	1400
6	648	761	818	1000	2800	1250	1970	1310	884	437	440	1650
7	555	739	829	1100	2330	1250	1810	1230	880	429	432	1480
8	502	735	820	1190	2260	1400	1780	1950	863	423	427	1260
9	474	738	852	1640	2280	1210	1870	2250	839	426	433	1260
10	461	720	863	1890	2010	2810	1880	2330	867	422	464	1160
11	450	667	874	1490	1670	2700	2000	2110	1020	441	482	968
12	441	633	949	1210	1460	2390	1860	2120	1020	495	504	818
13	435	733	963	1100	1340	2520	1700	1990	897	493	577	694
14	433	863	944	1050	1260	2300	1820	1590	820	480	540	613
15	442	929	907	1050	1200	1860	1730	1310	749	483	530	569
16	486	930	867	1170	1210	1560	1600	1170	699	493	526	542
17	546	894	830	1300	1810	1410	1450	1080	678	559	560	525
18	607	857	798	1410	2410	1420	1390	1000	647	600	568	530
19	668	836	768	1470	2050	2000	1370	930	615	606	551	539
20	707	839	740	1490	1710	2520	1360	875	621	586	525	543
21	737	834	711	1630	1520	2290	1310	835	626	567	504	546
22	772	833	789	1600	1540	1870	1250	802	608	554	489	554
23	793	810	885	1680	1710	1610	1410	772	614	539	474	548
24	784	772	1120	1940	1720	1510	1470	748	610	524	473	547
25	791	748	1480	2170	1650	1450	1310	720	596	504	473	552
26	807	747	1680	1840	1490	1360	1190	698	568	488	458	543
27	888	739	1780	1830	1410	1280	1100	676	539	512	439	530
28	910	722	1670	2440	1510	1220	1040	702	516	570	427	516
29	877	703	1560	2580	---	1180	998	877	507	534	417	509
30	838	783	1510	2120	---	1150	976	990	514	514	409	520
31	805	---	1380	1730	---	1130	---	912	---	499	403	---
TOTAL	21407	23842	31501	46338	49910	53290	44614	38817	21823	15499	14957	22371
MEAN	691	795	1016	1495	1783	1719	1487	1252	727	500	482	746
MAX	1020	930	1780	2580	2800	2810	2000	2330	1020	606	577	1650
MIN	433	633	711	918	1200	1130	976	676	507	422	403	409
CFSM	1.01	1.16	1.49	2.19	2.61	2.52	2.18	1.83	1.07	.73	.71	1.09
IN.	1.17	1.30	1.72	2.52	2.72	2.90	2.43	2.11	1.19	.84	.81	1.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1998, BY WATER YEAR (WY)

MEAN	647	666	802	956	1037	1110	959	708	645	620	663	631
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

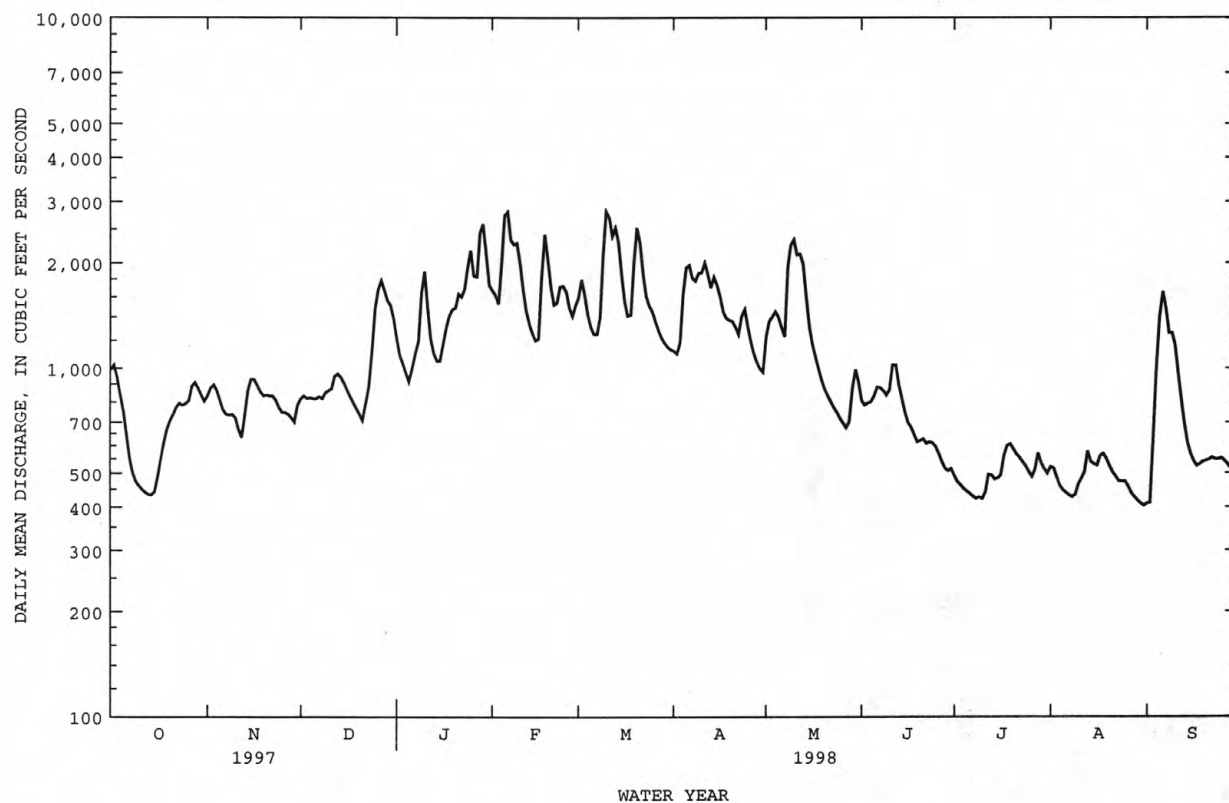
SANTEE RIVER BASIN

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1939 - 1998	
ANNUAL TOTAL	253816		384369			
ANNUAL MEAN	695		1053		787	
HIGHEST ANNUAL MEAN					1389	1965
LOWEST ANNUAL MEAN					437	1956
HIGHEST DAILY MEAN	1780	Dec 27	2810	Mar 10	8850	Sep 18 1945
LOWEST DAILY MEAN	318	Sep 9	403	Aug 31	190	Sep 13 1954
ANNUAL SEVEN-DAY MINIMUM	330	Sep 5	416	Aug 27	194	Sep 8 1954
INSTANTANEOUS PEAK FLOW			2960	** Feb 6	* 9500	Sep 18 1945
INSTANTANEOUS PEAK STAGE			9.35	** Feb 6	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW			403	Aug 31	190	Sep 13 1954
ANNUAL RUNOFF (CFSM)	1.02		1.54		1.15	
ANNUAL RUNOFF (INCHES)	13.82		20.93		15.66	
10 PERCENT EXCEEDS	992		1860		1300	
50 PERCENT EXCEEDS	687		867		680	
90 PERCENT EXCEEDS	398		481		386	

* From rating curve extended above 5,300 ft³/s by velocity-area studies.

** Also occurred on Mar. 10.



EDISTO RIVER BASIN

375

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 mi².

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.--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	7.9	16	47	61	73	76	23	34	10	1.2	1.2	1.1
2	6.1	18	41	54	62	59	22	24	9.9	1.1	.91	.97
3	5.2	16	28	50	123	49	73	22	10	1.1	.85	24
4	4.5	13	25	46	496	42	235	41	7.1	1.1	.77	47
5	4.1	11	22	42	491	39	123	37	8.6	1.0	.70	14
6	3.7	11	20	96	222	37	80	27	8.8	1.0	.68	8.4
7	3.2	9.9	19	131	121	56	60	23	6.7	.97	.60	6.5
8	2.8	9.5	18	172	93	133	52	339	6.3	.79	.59	5.6
9	2.6	8.9	48	134	78	334	153	362	6.2	.75	2.0	5.1
10	2.5	8.4	78	87	64	264	104	149	7.5	.69	3.8	4.5
11	2.6	7.8	73	68	57	112	69	162	14	4.2	1.9	4.1
12	2.6	7.8	86	57	53	81	51	93	8.3	3.4	12	4.1
13	2.4	27	72	53	47	65	42	64	6.6	1.9	16	3.8
14	2.5	44	59	51	43	55	49	49	6.0	1.7	6.1	3.3
15	2.1	32	57	53	39	48	68	39	5.4	1.6	4.1	2.9
16	2.3	24	47	85	70	42	52	31	5.2	3.6	3.7	3.0
17	2.9	20	40	71	321	38	42	27	5.3	4.6	2.7	2.9
18	3.3	18	34	57	329	53	114	26	4.9	2.9	2.6	3.0
19	8.8	17	31	112	132	308	88	21	3.8	2.4	3.0	4.2
20	7.8	16	29	113	95	305	62	18	3.4	2.0	2.4	4.3
21	5.1	15	27	77	75	138	46	15	3.0	1.8	1.8	2.9
22	5.0	19	79	63	80	93	38	13	2.5	1.6	2.0	2.7
23	9.3	18	130	221	208	72	34	11	2.4	1.4	1.4	2.4
24	7.1	16	177	268	139	58	30	10	2.1	1.1	1.3	2.0
25	5.3	15	343	134	93	49	26	9.4	1.9	.94	1.2	1.9
26	10	15	213	89	73	42	22	8.4	1.7	.96	1.0	1.8
27	33	14	188	208	81	37	19	7.7	1.6	1.4	.91	1.8
28	19	13	212	446	88	34	17	8.4	1.4	1.8	.81	1.8
29	14	13	125	237	---	30	16	40	1.3	1.7	.76	1.8
30	12	59	96	117	---	27	16	15	1.4	1.2	.71	2.0
31	10	---	75	89	---	25	---	12	---	1.0	1.1	---
TOTAL	209.7	532.3	2539	3542	3846	2801	1826	1737.9	163.3	52.90	79.59	173.87
MEAN	6.76	17.7	81.9	114	137	90.4	60.9	56.1	5.44	1.71	2.57	5.80
MAX	33	59	343	446	496	334	235	362	14	4.6	16	47
MIN	2.1	7.8	18	42	39	25	16	7.7	1.3	.69	.59	.97

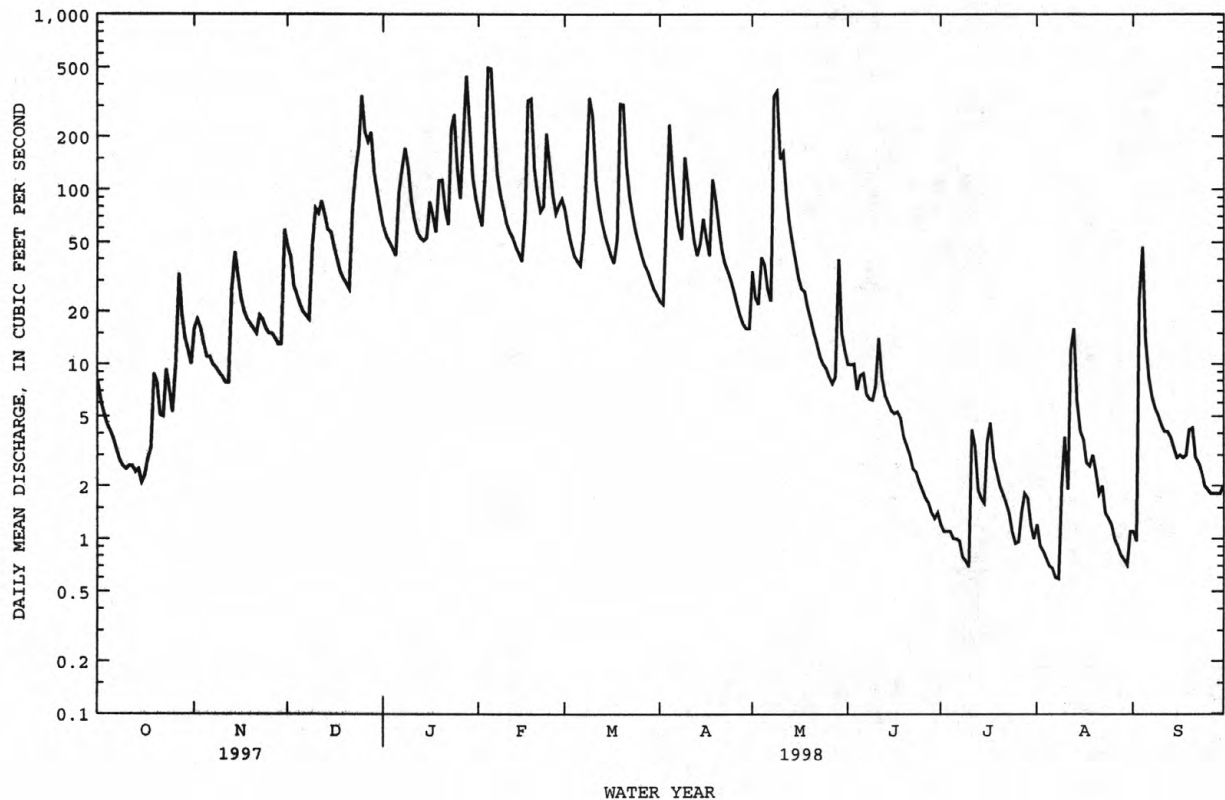
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1998, BY WATER YEAR (WY)

	MEAN	5.72	8.65	22.1	39.9	54.3	47.0	24.9	17.7	15.5	14.7	9.80	9.26
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	

EDISTO RIVER BASIN

02174250 COW CASTLE CREEK NEAR BOWMAN, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1971 - 1998
ANNUAL TOTAL	5655.77	17503.56	
ANNUAL MEAN	15.5	48.0	22.3
HIGHEST ANNUAL MEAN			48.0
LOWEST ANNUAL MEAN			5.94
HIGHEST DAILY MEAN	343 Dec 25	496 Feb 4	625 Feb 15 1973
LOWEST DAILY MEAN	.36 Sep 9	.59 Aug 8	.21 Sep 24 1996
ANNUAL SEVEN-DAY MINIMUM	.47 Sep 4	.73 Aug 2	.25 Sep 23 1996
INSTANTANEOUS PEAK FLOW		594 Feb 4	2340 Sep 4 1979
INSTANTANEOUS PEAK STAGE		6.33 Feb 4	7.37 Sep 4 1979
10 PERCENT EXCEEDS	31	124	52
50 PERCENT EXCEEDS	6.2	18	8.6
90 PERCENT EXCEEDS	1.3	1.4	1.8



EDISTO RIVER BASIN

377

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 mi², 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 fair except for estimated daily discharges, which are poor. About 82 ft³/s diverted above station for Charleston 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 ft³/s.

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	1540	2100	2500	12500	14200	10100	5510	4330	1790	981	913	728
2	1560	2260	2540	11500	13900	9810	5140	4120	1720	930	908	705
3	1600	2490	2620	10300	13300	9050	4930	3920	1740	893	901	748
4	1750	2680	2720	9220	13500	8400	5570	3920	1780	869	912	918
5	1830	2750	2810	8180	15200	8050	6650	4090	1810	843	914	1070
6	1890	2720	2870	7310	16100	7600	7330	4340	1810	810	894	1200
7	1970	2650	2890	6670	16000	7220	7600	4620	1760	780	853	1330
8	2050	2590	2880	6540	16100	6990	7920	5070	1730	758	820	1480
9	2050	2560	2870	6830	16200	7660	8770	5690	1720	744	794	e1690
10	1950	2540	2910	7170	15600	9380	9910	6440	1740	732	846	e1970
11	1650	2500	3060	7190	14200	10500	10800	7600	1840	733	899	2300
12	1260	2380	3320	7280	12600	10800	11000	9670	1900	728	873	2550
13	1020	2300	3610	7800	11200	11100	10700	12000	1890	723	877	2700
14	902	2410	3880	8190	10100	11700	10100	12800	1850	e736	971	2720
15	833	2750	4130	8070	9140	12100	9430	12300	1820	e770	1030	2690
16	783	3100	4310	7630	8340	11800	8750	11200	1830	e830	1080	2570
17	754	3280	4450	6990	8840	11100	8200	10100	1840	945	1070	2360
18	747	3250	4560	6490	10300	10600	7910	8960	1830	1080	1020	2080
19	882	3150	4640	6220	11200	10800	7940	7830	1710	1090	987	1710
20	1070	3080	4650	6070	11100	12100	8250	6760	1560	1040	975	1340
21	1120	3040	4580	6080	10900	12800	8370	5840	1440	1040	974	1170
22	1160	3020	4430	6320	11200	12500	8110	4980	1370	1070	962	1260
23	1220	3000	e4400	6930	12000	12400	7630	4210	1310	1120	936	1220
24	1270	2960	e4750	8050	12500	12600	7030	3570	1230	1160	913	1140
25	1330	2890	e5630	9540	12300	12200	6430	3070	1160	1150	896	1090
26	1380	2800	6910	10100	11500	11200	5870	2700	1100	1080	882	1070
27	1510	2730	8460	10800	10800	9920	5380	2430	1060	1010	863	1060
28	1740	2650	9660	12200	10400	8630	5040	2250	1040	968	842	1050
29	1890	2570	11300	14200	---	7600	4800	2080	1020	955	817	1040
30	1970	2510	12600	14800	---	6740	4530	1950	1010	932	776	1030
31	2020	---	13000	14400	---	6060	---	1870	---	908	741	---
TOTAL	44701	81710	153940	271570	348720	309510	225600	180710	47410	28408	28139	45989
MEAN	1442	2724	4966	8760	12450	9984	7520	5829	1580	916	908	1533
MAX	2050	3280	13000	14800	16200	12800	11000	12800	1900	1160	1080	2720
MIN	747	2100	2500	6070	8340	6060	4530	1870	1010	723	741	705
CF5M	.53	1.00	1.82	3.21	4.56	3.66	2.75	2.14	.58	.34	.33	.56
IN.	.61	1.11	2.10	3.70	4.75	4.22	3.07	2.46	.65	.39	.38	.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1998, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	1867	1642	2476	3379	4296	4816	3766	2223	1796	1710	1949	1933
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

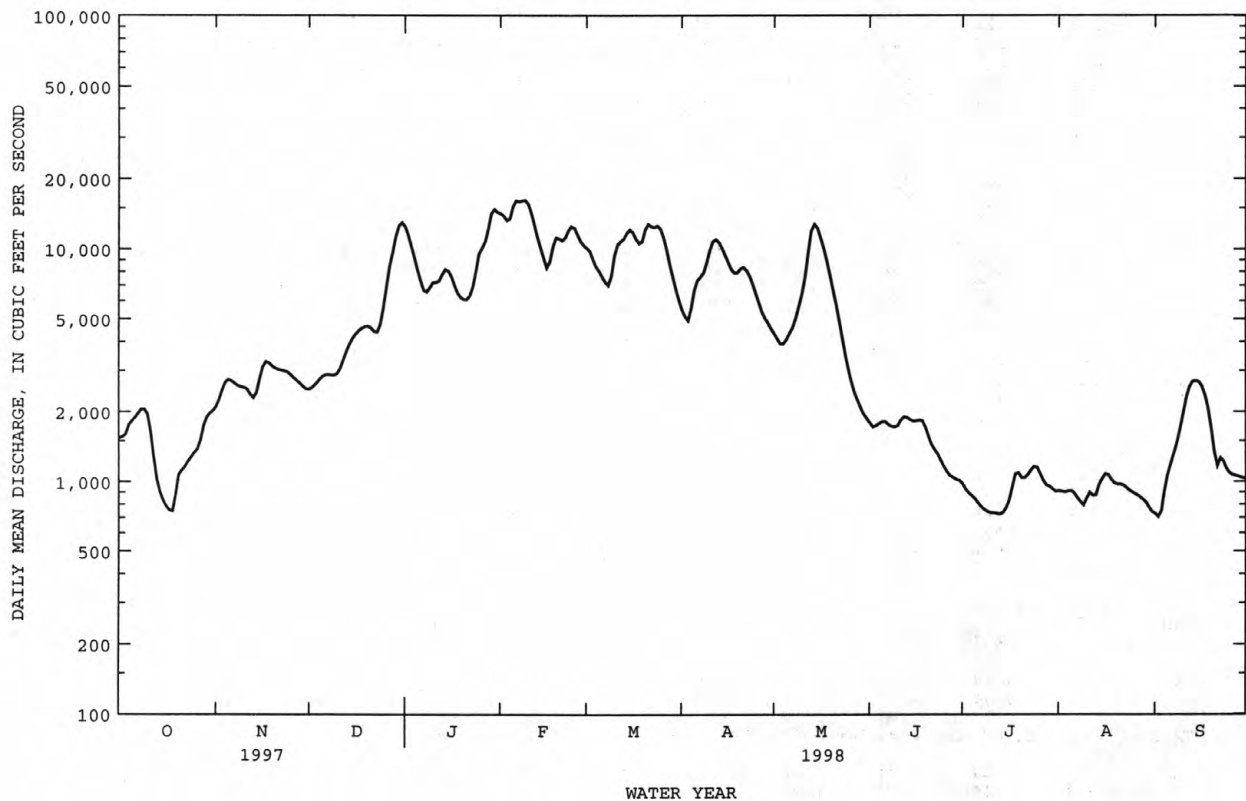
EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1939 - 1998	
ANNUAL TOTAL	775064		1766407		2651	
ANNUAL MEAN	2123		4839		1191	1955
HIGHEST ANNUAL MEAN					5225	1960
LOWEST ANNUAL MEAN					1191	1955
HIGHEST DAILY MEAN	13000	Dec 31	16200	Feb 9	24100	Jun 14 1973
LOWEST DAILY MEAN	506	Sep 11	705	Sep 2	252	Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	528	Sep 9	736	Jul 8	257	Jul 11 1990
INSTANTANEOUS PEAK FLOW			16300	Feb 9	24500	Jun 14 1973
INSTANTANEOUS PEAK STAGE			14.42	Feb 9	15.84	Jun 14 1973
INSTANTANEOUS LOW FLOW			694	* Sep 2	250	Jul 13 1990
ANNUAL RUNOFF (CFSM)	.78		1.77		.97	
ANNUAL RUNOFF (INCHES)	10.56		24.07		13.20	
10 PERCENT EXCEEDS	3910		11400		5510	
50 PERCENT EXCEEDS	1810		2800		1820	
90 PERCENT EXCEEDS	686		898		736	

e Estimated

* Also occurred on Sept. 3.



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 Milev, and at mile 68.0.

DRAINAGE AREA.--341 mi².

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.--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	541	536	653	946	1050	985	565	506	231	93	190	269
2	489	548	684	808	922	903	554	549	236	86	167	215
3	434	487	637	714	937	809	590	581	223	85	146	498
4	363	440	621	646	1620	749	951	822	206	83	137	1530
5	296	418	559	596	2190	707	1350	997	201	88	122	1250
6	218	412	503	573	2280	715	1650	966	195	93	109	1170
7	161	393	455	579	2060	757	1560	878	200	91	100	981
8	142	370	415	599	1720	977	1400	845	211	85	96	816
9	131	347	425	629	1400	1740	1460	775	237	79	133	661
10	123	323	539	713	1120	2440	1650	779	285	79	202	494
11	116	299	594	1050	940	2810	1440	774	353	86	382	355
12	112	286	674	930	822	2520	1250	724	349	105	401	259
13	111	370	772	767	740	1940	1060	690	321	110	466	220
14	112	540	870	651	689	1420	953	649	289	113	401	199
15	113	645	893	593	653	1090	928	548	239	116	292	181
16	116	656	823	603	660	918	876	468	196	139	304	168
17	122	647	748	648	1000	819	849	418	174	303	304	161
18	153	600	667	701	1360	837	1030	389	174	353	267	159
19	241	549	590	855	1390	1150	1090	363	156	439	260	167
20	283	495	529	984	1300	1410	1270	339	144	538	217	178
21	284	441	478	962	1170	1490	1260	318	139	446	179	211
22	288	404	483	916	1090	1380	1040	298	144	318	176	225
23	318	388	551	1080	1220	1220	859	281	145	242	175	239
24	317	362	778	1220	1210	1060	735	266	141	214	157	251
25	298	348	1650	1280	1140	918	652	254	127	174	137	263
26	323	351	2020	1340	1060	798	605	244	113	144	121	244
27	434	355	2050	1450	1000	721	570	235	106	135	111	208
28	474	351	2110	1660	1020	671	532	231	104	138	104	184
29	461	347	1720	1380	---	633	496	243	109	149	99	175
30	505	471	1370	1260	---	605	470	237	105	138	95	192
31	532	---	1120	1160	---	583	---	226	---	145	112	---
TOTAL	8611	13179	26981	28293	33763	35775	29695	15893	5853	5407	6162	12123
MEAN	278	439	870	913	1206	1154	990	513	195	174	199	404
MAX	541	656	2110	1660	2280	2810	1650	997	353	538	466	1530
MIN	111	286	415	573	653	583	470	226	104	79	95	159
CFSM	.81	1.29	2.55	2.68	3.54	3.38	2.90	1.50	.57	.51	.58	1.19
IN.	.94	1.44	2.94	3.09	3.68	3.90	3.24	1.73	.64	.59	.67	1.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1998, BY WATER YEAR (WY)

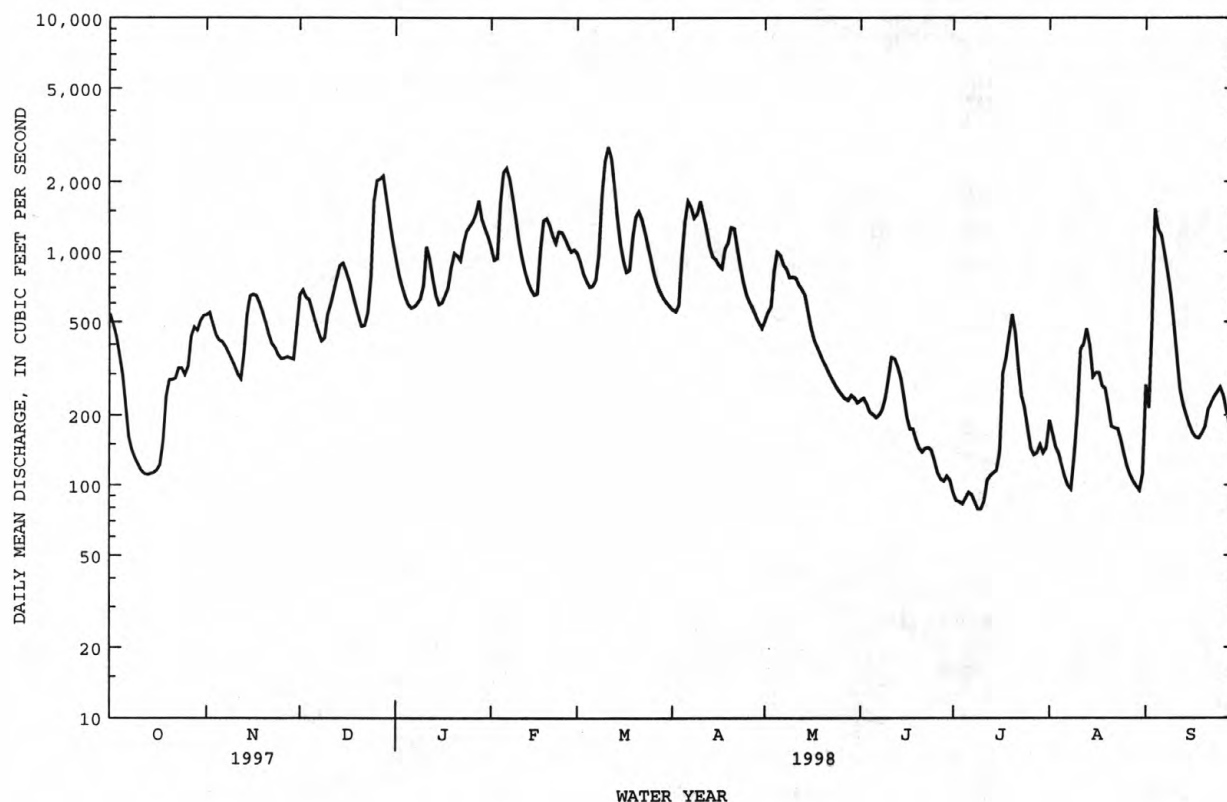
MEAN	268	288	393	474	542	568	433	289	255	222	252	228
MAX	1038	834	870	1166	1303	1224	990	766	866	877	1038	800
(WY)	1960	1993	1998	1993	1960	1980	1998	1984	1973	1975	1991	1964
MIN	68.2	130	200	188	196	214	157	92.0	66.1	47.0	48.6	44.1
(WY)	1955	1959	1955	1956	1957	1955	1968	1955	1988	1990	1954	1954

COMBAHEE RIVER BASIN

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1951 - 1998	
ANNUAL TOTAL	116712		221735		352	
ANNUAL MEAN	320		607		628	
HIGHEST ANNUAL MEAN					186	
LOWEST ANNUAL MEAN					1960	
HIGHEST DAILY MEAN	2110	Dec 28	2810	Mar 11	3390	Oct 10 1992
LOWEST DAILY MEAN	72	May 24	79	* Jul 9	18	Sep 13 1954
ANNUAL SEVEN-DAY MINIMUM	81	May 20	85	Jul 4	19	Jul 7 1990
INSTANTANEOUS PEAK FLOW			2870	Mar 11	4360	Oct 9 1992
INSTANTANEOUS PEAK STAGE			5.29	Mar 11	5.79	Oct 9 1992
INSTANTANEOUS LOW FLOW			76	* Jul 9	17	Sep 13 1954
ANNUAL RUNOFF (CFSM)	.94		1.78		1.03	
ANNUAL RUNOFF (INCHES)	12.73		24.19		14.01	
10 PERCENT EXCEEDS	611		1290		675	
50 PERCENT EXCEEDS	247		487		268	
90 PERCENT EXCEEDS	110		122		99	

* Also occurred on July 10.



381

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.

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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1998, BY WATER YEAR (WY)

MEAN	102	91.8	168	280	375	396	251	122	117	106	121	114
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	21.7	3.11	5.83	.061	.032	.000
(WY)	1955	1955	1955	1957	1957	1955	1985	1995	1985	1998	1954	1954

BROAD RIVER BASIN

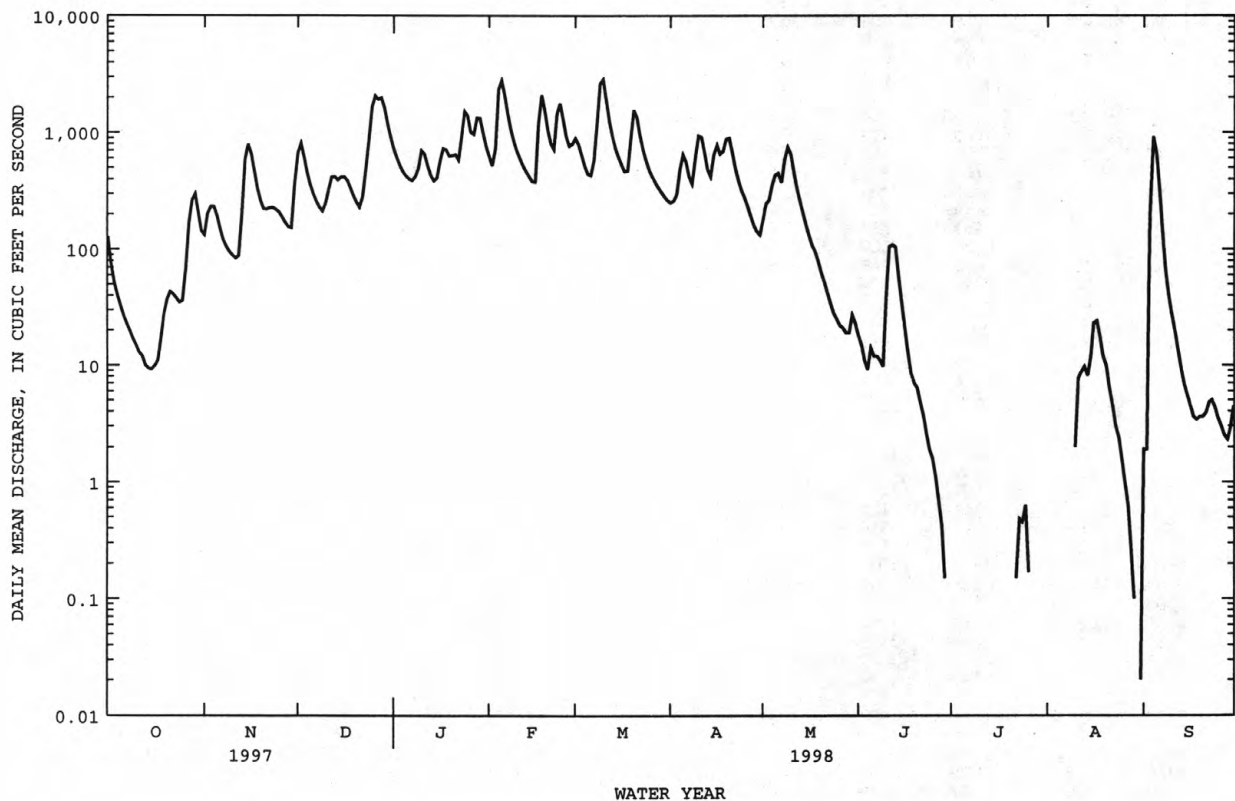
02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1951 - 1998	
ANNUAL TOTAL	57607.4		133680.26		187	
ANNUAL MEAN	158		366		395	
HIGHEST ANNUAL MEAN					38.2	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	2060	Dec 26	2850	Mar 10	6590	Sep 2 1969
LOWEST DAILY MEAN	2.1	Jun 27	.00	* Jun 30	* .00	Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	3.9	May 22	.00	* Jun 30	.00	Jun 29 1954
INSTANTANEOUS PEAK FLOW			3230	*** Mar 9	8160	Sep 2 1969
INSTANTANEOUS PEAK STAGE			5.78	Mar 9	** 8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	.78		1.80		.92	
ANNUAL RUNOFF (INCHES)	10.56		24.50		12.52	
10 PERCENT EXCEEDS	392		920		489	
50 PERCENT EXCEEDS	48		195		80	
90 PERCENT EXCEEDS	5.4		.00		3.5	

* No flow occurred on many days in 1951, 1954, 1956, 1957, 1968, 1969, 1980 - 82, 1986, 1988, 1990, 1991, 1993, 1995, 1998.

** From floodmarks.

*** Also occurred on Mar. 10.



BROAD RIVER BASIN

383

02176517 COOSAWHATCHIE RIVER NEAR EARLY BRANCH, SC

LOCATION.--Lat 32°41'51", long 80°57'57", Hampton County, Hydrologic Unit 03050208, on County Road 36, 6.5 mi northwest of Yemassee, 4.0 mi southwest of Early Branch.

DRAINAGE AREA.--382 mi².

PERIOD OF RECORD.--October 1995 to September 30, 1998 (discontinued).

REVISED RECORDS.--WRD SC-96-1.

GAGE.--Data collection platform. Datum of gage is 16.53 ft above sea level.

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	126	457	563	1800	1590	1460	512	288	19	.32	3.9	.27
2	155	491	736	1470	1310	1420	525	307	17	.16	3.5	.24
3	177	491	982	1240	1260	1370	555	335	15	.10	2.6	52
4	162	494	1100	1070	2490	1230	609	392	12	.07	1.9	340
5	117	489	1070	952	5630	1070	699	426	10	.06	1.3	1010
6	80	440	894	878	5250	973	848	501	9.2	.04	.85	1390
7	57	374	729	837	3690	974	902	537	8.1	.03	.59	1170
8	42	329	611	874	2600	1160	933	580	7.7	.01	.38	810
9	32	288	531	949	2000	2080	1280	595	7.1	.01	1.9	563
10	25	245	499	978	1610	4420	1860	745	19	.00	4.6	348
11	21	202	503	974	1360	4410	1780	937	39	1.5	2.9	203
12	18	178	528	975	1180	3030	1550	874	49	13	1.8	121
13	15	283	593	1030	1040	2140	1360	702	101	7.1	3.2	79
14	13	475	656	955	934	1660	1150	537	114	3.6	4.5	54
15	11	658	742	878	843	1370	1190	408	87	2.3	35	39
16	9.7	935	773	878	814	1160	1380	311	72	5.4	28	28
17	8.9	1150	767	903	1340	1010	1450	239	53	20	22	21
18	12	1100	749	975	2960	957	1320	181	33	18	24	18
19	29	915	700	1110	3470	1420	1140	139	28	13	27	17
20	36	726	644	1180	2800	2480	1010	112	27	11	24	19
21	51	585	586	1130	2060	2580	1080	92	18	6.0	20	22
22	68	482	569	1090	1650	2320	1110	73	12	2.6	16	24
23	67	414	634	1460	1920	1820	973	58	7.8	1.1	11	18
24	60	370	938	2620	3070	1430	798	47	5.1	.56	8.1	14
25	59	377	2020	3090	3010	1180	654	37	3.2	.32	5.5	11
26	82	386	3450	2530	2400	1000	541	29	2.0	.21	3.2	8.3
27	233	381	3380	2270	1880	867	450	25	1.4	.99	1.8	6.9
28	348	359	3170	2720	1600	761	371	23	1.0	5.4	1.1	6.2
29	506	328	3220	3040	---	677	310	21	.67	5.7	.67	6.5
30	490	457	2750	2450	---	612	266	22	.50	4.5	.45	7.0
31	408	---	2250	2000	---	555	---	21	---	3.5	.30	---
TOTAL	3518.6	14859	37337	45306	61761	49596	28606	9594	778.77	126.58	262.04	6406.41
MEAN	114	495	1204	1461	2206	1600	954	309	26.0	4.08	8.45	214
MAX	506	1150	3450	3090	5630	4420	1860	937	114	20	35	1390
MIN	8.9	178	499	837	814	555	266	21	.50	.00	.30	.24
CFSM	.30	1.30	3.15	3.83	5.77	4.19	2.50	.81	.07	.01	.02	.56
IN.	.34	1.45	3.64	4.41	6.01	4.83	2.79	.93	.08	.01	.03	.62

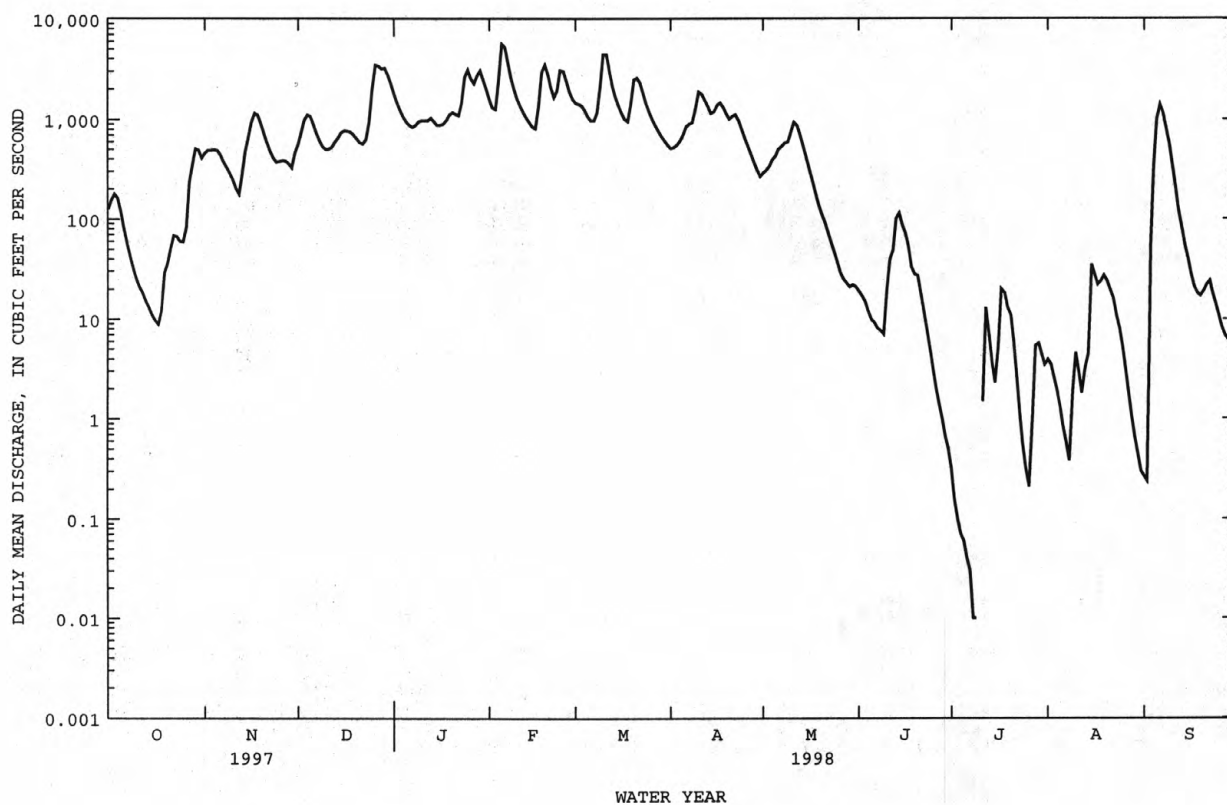
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1998, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
MEAN	159	288	565	702	1162	892	461	221	17.4	37.3	85.4	93.3
MAX	258	495	1204	1461	2206	1600	954	309	26.0	92.9	135	214
(WY)	1996	1998	1998	1998	1998	1998	1998	1998	1998	1996	1996	1998
MIN	105	31.6	148	274	450	346	54.2	87.7	8.90	4.08	8.45	21.2
(WY)	1997	1997	1997	1997	1996	1997	1997	1997	1996	1998	1998	1997

BROAD RIVER BASIN

02176517 COOSAWHATCHIE RIVER NEAR EARLY BRANCH, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1996 - 1998	
ANNUAL TOTAL	108361.2		258151.40		386	
ANNUAL MEAN	297		707		707	1998
HIGHEST ANNUAL MEAN					168	1997
LOWEST ANNUAL MEAN					5630	Feb 5 1998
HIGHEST DAILY MEAN	3450	Dec 26	5630	Feb 5		
LOWEST DAILY MEAN	1.5	Jul 29	.00	Jul 10	.00	Jul 10 1998
ANNUAL SEVEN-DAY MINIMUM	2.6	Jul 24	.03	Jul 4	.03	Jul 4 1998
INSTANTANEOUS PEAK FLOW			5980	Feb 5	5980	Feb 5 1998
INSTANTANEOUS PEAK STAGE			7.86	Feb 5	7.86	Feb 5 1998
ANNUAL RUNOFF (CFSM)	.78		1.85		1.01	
ANNUAL RUNOFF (INCHES)	10.55		25.14		13.75	
10 PERCENT EXCEEDS	745		1950		1020	
50 PERCENT EXCEEDS	86		408		153	
90 PERCENT EXCEEDS	7.0		2.5		5.7	



BROAD RIVER BASIN

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02176518 COOSAWHATCHIE RIVER NEAR GRAYS, SC

LOCATION.--Lat 32°38'33", long 80°57'34", Hampton County, Hydrologic Unit 03050208, 3.5 mi downstream from corner lake landing, 800 ft upstream of powerline right-of-way, about 4.0 mi southeast of Grays.

DRAINAGE AREA.--407 mi².

PERIOD OF RECORD.--October 1995 to September 30, 1998 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 13.0 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	97	430	486	1890	1680	1460	573	377	26	e.50	3.2	.61
2	121	430	562	1500	1340	1330	544	373	21	e.38	2.6	.44
3	147	430	708	1230	1250	1300	548	377	17	.29	2.1	27
4	166	430	863	1050	1840	1230	580	438	14	.25	1.7	138
5	171	430	915	943	e5240	1100	599	459	11	.22	1.2	348
6	150	430	926	881	e7030	1000	670	461	9.5	.18	.88	794
7	113	430	830	834	e5070	942	772	499	7.9	.15	.62	1040
8	82	408	714	832	3210	1000	861	537	6.6	e.12	.49	906
9	61	367	632	840	2210	1510	1100	556	5.5	e.09	.54	705
10	46	336	581	870	1690	e3860	1470	580	14	e.06	.75	525
11	34	298	547	875	1370	e5740	1810	717	e32	e.85	1.5	390
12	26	268	538	875	1170	e4190	1580	795	e52	e4.0	2.2	275
13	20	317	544	884	1040	2590	1370	757	e85	e16	3.3	196
14	16	384	601	916	937	1830	1200	643	e130	e9.0	2.8	140
15	13	460	655	894	856	1430	1150	527	e155	e6.0	2.9	102
16	11	573	699	852	827	1190	1140	437	e110	e4.0	15	74
17	9.7	754	732	835	1050	1040	1290	362	e80	e16	33	55
18	11	865	735	837	2030	966	1290	297	e70	e30	27	42
19	42	867	729	904	e3840	1210	1160	241	52	e27	25	38
20	52	766	694	1010	3420	1970	1000	199	58	16	37	78
21	52	650	654	1050	2420	2880	931	164	39	11	32	62
22	61	565	635	1030	1800	2600	959	137	21	6.6	23	44
23	82	502	646	1220	1800	2100	969	e110	14	3.5	16	41
24	87	455	804	1830	2610	1580	867	e90	9.2	1.8	12	31
25	85	421	1160	3230	e3510	1250	738	e75	5.4	1.0	7.9	21
26	96	410	2720	2850	2860	1050	635	e65	3.5	.64	5.0	15
27	e200	410	e3560	2500	2140	919	549	e50	e2.2	.63	3.3	11
28	e280	410	3490	2490	1710	816	478	e42	e1.5	1.8	2.0	9.0
29	334	410	3310	3190	---	735	421	35	e1.0	5.7	1.2	7.6
30	412	444	3080	2820	---	671	379	29	e.70	6.2	.82	6.8
31	430	---	2420	2170	---	618	---	27	---	4.2	.58	---
TOTAL	3507.7	14350	36170	44132	65950	52107	27633	10456	1054.00	174.16	267.58	6122.45
MEAN	113	478	1167	1424	2355	1681	921	337	35.1	5.62	8.63	204
MAX	430	867	3560	3230	7030	5740	1810	795	155	30	37	1040
MIN	9.7	268	486	832	827	618	379	27	.70	.06	.49	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1998, BY WATER YEAR (WY)

MEAN	166	274	550	678	1228	909	463	229	20.5	40.1	82.8	89.1
MAX	292	478	1167	1424	2355	1681	921	337	35.1	92.3	120	204
(WY)	1996	1998	1998	1998	1998	1998	1998	1998	1998	1996	1996	1998
MIN	93.3	31.5	149	256	453	359	58.6	94.0	5.99	5.62	8.63	15.1
(WY)	1997	1997	1997	1997	1996	1997	1997	1997	1996	1998	1998	1997

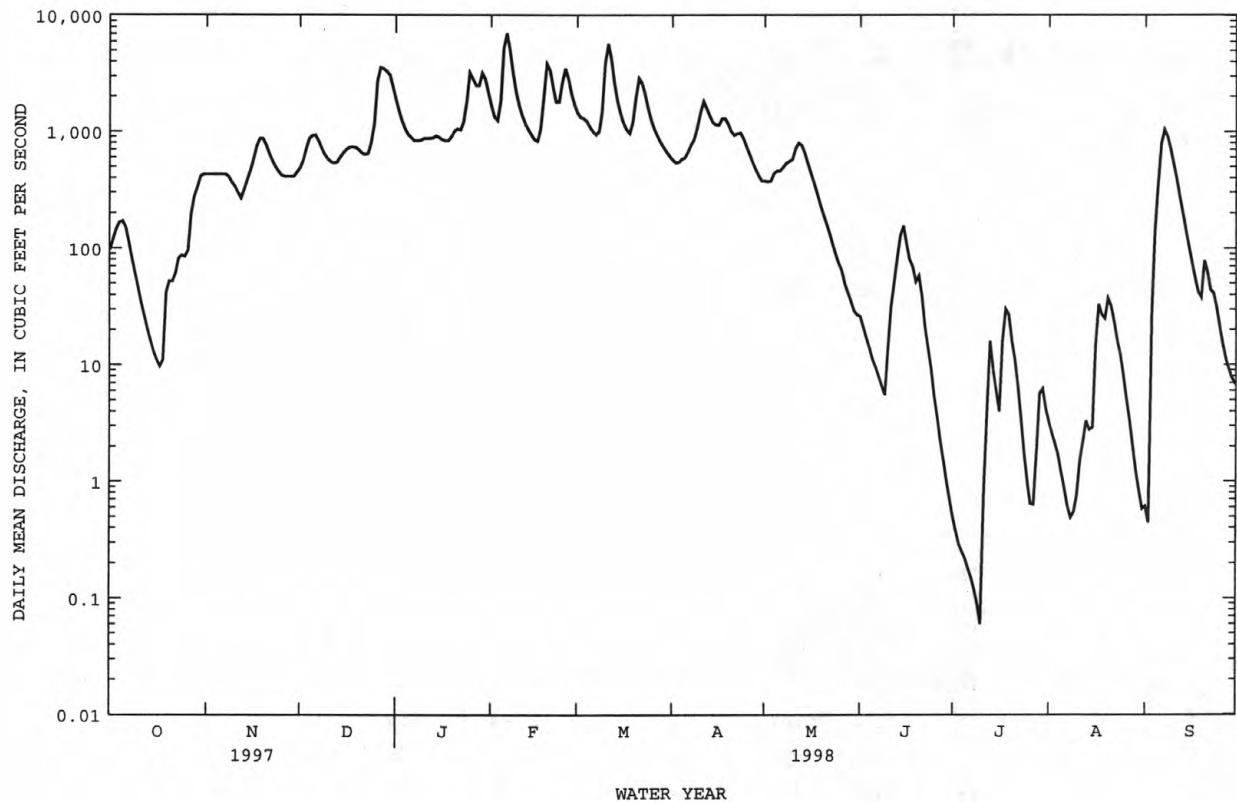
BROAD RIVER BASIN

02176518 COOSAWHATCHIE RIVER NEAR GRAYS, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1996 - 1998	
ANNUAL TOTAL	108518.8		261923.89		390	
ANNUAL MEAN	297		718		718	1998
HIGHEST ANNUAL MEAN					172	1997
LOWEST ANNUAL MEAN					7030	Feb 6 1998
HIGHEST DAILY MEAN	3560	Dec 27	7030	Feb 6		
LOWEST DAILY MEAN	1.3	Sep 6	.06	Jul 10	.06	Jul 10 1998
ANNUAL SEVEN-DAY MINIMUM	3.3	Sep 1	.15	Jul 4	.15	Jul 4 1998
INSTANTANEOUS PEAK FLOW			Unknown	Feb 5	Unknown	* Feb 5 1998
INSTANTANEOUS PEAK STAGE			8.25 *	Feb 5	8.25 *	Feb 5 1998
10 PERCENT EXCEEDS	696		1830		948	
50 PERCENT EXCEEDS	113		430		166	
90 PERCENT EXCEEDS	7.3		2.4		5.5	

e Estimated

* Also occurred on Feb. 6.



SAVANNAH RIVER BASIN

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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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	291	437	379	455	904	1190	1090	1770	660	420	261	178
2	270	535	333	441	875	1110	996	1470	702	406	241	176
3	259	460	331	434	1880	1050	1090	1330	677	396	232	172
4	250	410	488	433	3330	1010	1290	1230	643	391	224	177
5	244	382	419	449	2250	981	1060	1150	841	431	217	165
6	236	372	369	628	1690	960	982	1090	738	415	213	162
7	235	385	347	4010	1470	981	935	1190	609	384	208	168
8	231	376	341	6920	1350	2410	914	1280	574	371	256	161
9	226	351	387	2720	1250	3380	1270	1110	593	370	349	149
10	224	339	444	1880	1160	2060	1030	1120	722	350	399	142
11	232	330	483	1540	1150	1680	952	1250	805	336	278	143
12	228	327	417	1320	1130	1500	901	1070	628	334	278	142
13	222	391	390	1170	1050	1390	869	1010	575	331	463	137
14	222	425	373	1060	1000	1320	928	970	547	357	333	135
15	221	398	354	1440	956	1240	887	936	558	325	318	134
16	215	359	344	1690	1650	1180	867	909	544	308	495	136
17	216	340	334	1510	2820	1150	2570	883	611	328	341	133
18	218	330	326	1230	2120	1280	1640	855	516	333	286	131
19	262	324	318	1150	1630	1630	2120	825	527	308	258	129
20	251	316	311	1050	1450	1660	2030	810	536	298	256	129
21	221	329	307	968	1320	1570	1580	807	494	391	266	177
22	214	438	487	1060	1240	1350	1670	794	500	366	230	243
23	208	379	479	2110	1490	1230	1690	778	473	312	219	173
24	243	342	614	1510	1320	1180	1500	762	455	337	211	152
25	458	325	999	1250	1200	1110	1350	739	480	301	203	147
26	2540	317	641	1120	1140	1070	1250	714	444	285	196	143
27	2070	313	699	1240	1430	1030	1180	710	506	280	188	138
28	830	304	663	1250	1320	1010	1130	703	437	308	183	136
29	591	302	570	1090	---	977	1080	681	424	274	180	257
30	493	339	527	1010	---	948	1600	667	440	258	176	375
31	441	---	491	952	---	948	---	658	---	262	193	---
TOTAL	13062	10975	13965	45090	41575	41585	38451	30271	17259	10566	8151	4940
MEAN	421	366	450	1455	1485	1341	1282	976	575	341	263	165
MAX	2540	535	999	6920	3330	3380	2570	1770	841	431	495	375
MIN	208	302	307	433	875	948	867	658	424	258	176	129
CFSM	2.04	1.77	2.18	7.03	7.17	6.48	6.19	4.72	2.78	1.65	1.27	.80
IN.	2.35	1.97	2.51	8.10	7.47	7.47	6.91	5.44	3.10	1.90	1.46	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1998, BY WATER YEAR (WY)

	MEAN	444	510	659	789	885	965	907	733	608	513	494	435
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	

SAVANNAH RIVER BASIN

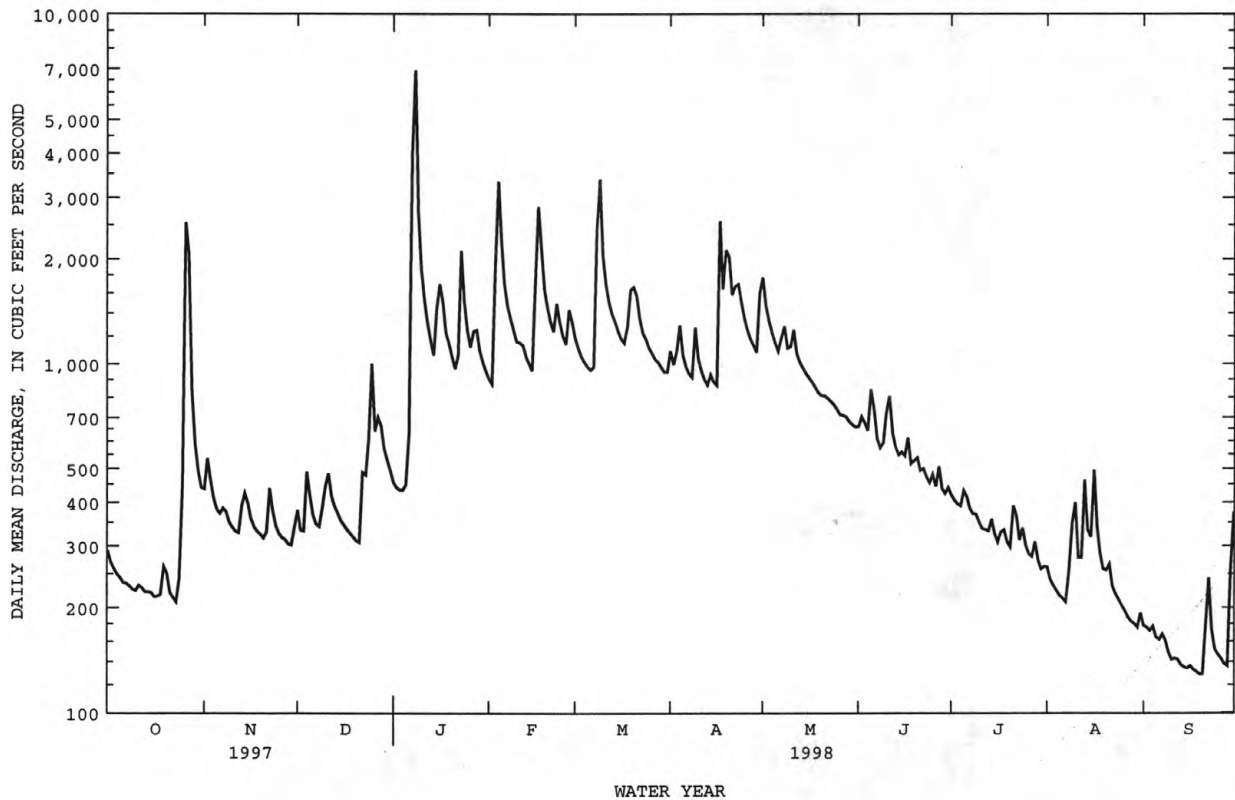
02177000 CHATTOGA RIVER NEAR CLAYTON, GA--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1940 - 1998	
ANNUAL TOTAL	243447		275890		661	
ANNUAL MEAN	667		756		1098	
HIGHEST ANNUAL MEAN					337	
LOWEST ANNUAL MEAN					1949	
HIGHEST DAILY MEAN	3950	Mar 14	6920	Jan	14800	Aug 30 1940
LOWEST DAILY MEAN	199	Sep 21	129	*** Sep 19	88	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	207	Sep 17	132	Sep 14	90	Oct 7 1954
INSTANTANEOUS PEAK FLOW			12600	Jan 8	* 29000	Aug 30 1940
INSTANTANEOUS PEAK STAGE			8.24	Jan 8	13.80	Aug 30 1940
INSTANTANEOUS LOW FLOW			129	** Sep 18	88	Oct 8 1954
ANNUAL RUNOFF (CFSM)	3.22		3.65		3.19	
ANNUAL RUNOFF (INCHES)	43.75		49.58		43.37	
10 PERCENT EXCEEDS	1170		1500		1170	
50 PERCENT EXCEEDS	579		493		537	
90 PERCENT EXCEEDS	251		210		234	

* From rating curved extended above 4,700 ft³/s on basis of slope-area measurements at gage heights 9.9 ft and 13.2 ft.

** Also occurred on Sept. 19 - 21.

*** Also occurred on Sept. 20.



SAVANNAH RIVER BASIN

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02177000 CHATTOOGA RIVER NEAR CLAYTON, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1968 to current year.

REMARKS.--Laboratory chemical analyses are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determinations of Discharge, Specific Conductance, ph, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

DATE	TIME	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	ANC WATER UNFLTRD FET LAB MG/L AS CACO3 (00417)	OXYGEN, DIS- SOLVED (PER- CENT SOLVED SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SOLVED SATUR- ATION) (MG/L) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
OCT												
30...	1600	1.59	483	734	11.0	80	6	10.6	100	<1.0	6.7	6.7
NOV												
06...	1500	1.43	373	733	8.5	<20	--	11.3	100	--	6.8	--
13...	1115	1.47	399	727	8.0	<20	5	11.5	102	<1.0	6.8	6.7
24...	1245	1.38	341	738	7.5	20	--	11.9	102	--	6.8	--
DEC												
04...	1015	1.63	513	725	9.0	130	6	11.1	101	<1.0	6.9	6.7
FEB												
12...	0845	2.29	1150	727	8.0	<20	--	11.6	103	--	--	--
18...	0700	3.20	2270	719	10.0	50	--	10.7	100	--	6.4	--
20...	0830	2.56	1470	726	9.0	40	4	10.9	99	<1.0	6.5	6.4
MAR												
10...	0815	3.10	2130	720	7.5	<20	4	11.2	99	<1.0	6.5	6.3

DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TUR- BID- ITY (NTU) (00076)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)
OCT											
30...	12	15	2.0	3	<.020	<.030	<.10	--	<.020	1.0	--
NOV											
06...	13	--	--	--	--	--	--	--	--	--	--
13...	13	14	1.0	<1	<.020	<.030	<.10	--	<.020	1.0	--
24...	14	--	--	--	--	--	--	--	--	--	--
DEC											
04...	14	15	4.0	3	<.020	<.030	<.10	--	<.020	<1.0	--
FEB											
12...	13	--	--	--	--	--	--	--	--	--	--
18...	12	--	--	--	--	--	--	--	--	--	--
20...	12	12	1.0	6	<.020	<.030	<.10	--	<.020	<1.0	--
MAR											
10...	12	11	4.0	23	.040	<.030	.10	.14	<.020	1.0	.62

DATE	TIME	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	ANC WATER UNFLTRD FET LAB MG/L AS CACO3 (00417)	OXYGEN, DIS- SOLVED (PER- CENT SOLVED SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SOLVED SATUR- ATION) (MG/L) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
APR											
30...	0730	2.38	1250	733	14.0	90	5	9.8	99	<1.0	6.7
MAY											
12...	1445	2.22	1070	727	17.5	<20	--	9.4	103	--	7.2
21...	1120	1.97	810	729	19.5	40	--	--	--	--	7.3
28...	1240	1.85	696	733	20.0	130	6	9.0	103	<1.0	7.2
JUN											
25...	0600	1.57	469	734	22.0	--	6	8.3	99	<1.0	6.7
JUL											
09...	0700	1.43	373	729	23.0	<20	--	8.1	99	--	6.7
16...	0615	1.32	305	731	22.5	20	6	8.3	100	<1.0	6.7
27...	0630	1.26	271	731	24.0	<20	--	7.9	98	--	6.7
AUG											
05...	0615	1.15	217	735	21.0	<20	8	8.5	99	<1.0	6.7
22...	1010	1.18	231	731	23.0	--	--	8.2	99	--	7.1

SAVANNAH RIVER BASIN

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA--Continued

DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TUR- BID- ITY (NTU) (00076)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	ARSENIC TOTAL (UG/L) AS AS) (01002)
APR 30...	6.4	12	12	3.0	1	<.020	<.030	.10	--	<.020	--
MAY 12...	--	11	--	--	--	--	--	--	--	--	--
21...	--	11	--	--	--	--	--	--	--	--	--
28...	6.5	12	13	2.0	4	<.020	<.030	.10	--	<.020	--
JUN 25...	6.5	15	15	2.0	3	<.020	<.030	.10	--	.020	--
JUL 09...	--	15	--	--	--	--	--	--	--	--	--
16...	6.6	16	21	2.0	1	.020	<.030	.10	.12	.040	--
27...	--	16	--	--	--	--	--	--	--	--	--
AUG 05...	6.5	16	15	1.0	1	<.020	<.030	.10	--	<.020	--
22...	--	15	--	--	--	--	--	--	--	--	<2

DATE	CADMIUM WATER UNFLTRD TOTAL (UG/L) AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L) AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L) AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L) AS SE) (01147)	ZINC, TOTAL RECOV- ERABLE (UG/L) AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)	NITRO- GEN, TOTAL (MG/L) AS NO3) (71887)
APR 30...	--	--	--	--	--	--	--	--	<1.0	--
MAY 12...	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	2.0	--
JUN 25...	--	--	--	--	--	--	--	--	2.0	--
JUL 09...	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	1.0	.53
27...	--	--	--	--	--	--	--	--	--	--
AUG 05...	--	--	--	--	--	--	--	--	2.0	--
22...	<1	<1	<1	<1	<.10	<1	<2	10	--	--

DATE	TIME	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	ANC WATER UNFLTRD FET LAB CACO3 (00417)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
SEP 17...	0615	.94	136	731	22.0	8	8.3	99	<1.0	6.4

DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TUR- BID- ITY (NTU) (00076)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)
SEP 17...	6.7	17	17	1.0	2	.040	<.030	<.10	<.020	1.0

SAVANNAH RIVER BASIN

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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 mi².

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 ft³ between elevations 775.0 ft (normal limit of drawdown) and 800.0 ft (maximum normal elevation). Dead storage below 775.0 ft, 22,620,000,000 ft³. 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, 800.07 ft, June 5; minimum gage height, 795.90 ft, Sept. 11.

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	799.63	798.60	798.16	798.88	798.30	798.50	799.18	798.40	799.51	798.71	799.11	797.37
2	799.35	797.81	798.40	799.07	798.00	798.86	799.44	798.33	799.46	798.61	798.45	797.36
3	799.20	797.89	798.53	798.80	798.51	798.71	799.54	798.26	799.50	798.70	798.47	796.71
4	799.20	798.14	798.28	798.64	799.20	798.66	799.10	798.75	799.30	798.60	798.88	797.16
5	799.00	798.52	799.08	798.85	799.22	798.96	798.26	798.93	799.99	798.52	798.54	797.20
6	799.11	799.16	798.99	799.08	798.90	799.41	798.61	799.01	799.29	798.25	798.66	796.81
7	799.14	799.53	798.31	799.61	798.64	799.37	799.19	798.97	798.91	798.29	798.86	796.81
8	799.26	799.10	799.42	798.81	798.22	798.66	799.67	799.24	798.81	798.37	798.63	796.55
9	799.30	797.95	799.33	798.07	798.17	799.34	799.16	798.99	798.82	798.82	798.30	796.42
10	799.44	799.07	799.36	798.00	798.40	799.80	799.05	798.85	799.02	799.00	798.71	796.22
11	799.22	799.40	799.01	798.00	798.54	799.79	798.80	798.97	799.78	798.95	798.87	796.63
12	798.18	799.41	798.95	797.82	798.96	799.75	798.21	798.81	799.73	798.43	798.72	797.00
13	798.86	799.17	798.70	797.86	799.31	799.61	798.32	799.20	799.36	798.52	798.78	797.05
14	798.73	799.03	798.01	798.19	799.05	799.38	798.82	799.13	798.86	798.43	798.75	797.69
15	798.78	798.07	798.78	798.94	798.82	799.08	799.39	799.63	799.20	798.81	798.44	797.74
16	798.83	797.62	798.67	799.12	798.86	798.95	799.05	799.33	799.53	798.89	798.58	797.68
17	798.91	798.22	798.67	799.20	798.27	799.25	798.93	798.51	799.48	798.88	798.63	797.89
18	798.87	798.67	799.06	799.11	798.21	799.40	798.83	798.84	799.70	798.93	798.74	798.06
19	798.26	798.91	799.15	798.33	798.21	799.33	798.66	799.41	799.50	798.58	798.61	797.52
20	799.11	798.94	798.47	798.25	798.46	799.40	798.94	799.50	799.23	798.78	798.41	797.23
21	798.89	798.82	797.73	798.54	798.31	799.06	798.73	799.32	799.08	798.83	798.66	797.83
22	798.59	798.52	797.98	798.71	798.24	798.30	798.94	799.18	799.40	798.79	798.60	798.21
23	798.96	797.97	798.28	798.56	799.12	798.38	799.13	798.82	799.60	799.22	798.06	798.52
24	799.52	798.76	798.61	798.56	798.59	798.65	799.40	798.01	799.73	798.97	798.29	798.38
25	798.98	799.16	798.48	798.65	798.69	799.38	798.78	798.52	799.76	799.00	798.30	798.56
26	798.83	799.38	798.16	798.48	798.97	799.44	798.72	798.91	799.61	798.28	798.17	798.13
27	799.19	798.94	797.71	798.64	799.05	799.36	798.79	799.06	799.05	798.42	798.18	797.29
28	799.17	798.76	797.93	798.73	798.76	799.12	798.66	799.24	798.39	798.70	798.00	797.89
29	799.24	798.38	798.18	798.85	---	798.82	798.79	799.82	798.22	798.80	797.81	798.44
30	799.31	797.73	798.28	798.79	---	799.26	798.46	799.27	798.24	799.02	797.11	798.72
31	798.61	---	798.57	798.81	---	799.10	---	799.00	---	799.08	797.54	---
MAX	799.63	799.53	799.42	799.61	799.31	799.80	799.67	799.82	799.99	799.22	799.11	798.72
MIN	798.18	797.62	797.71	797.82	798.00	798.30	798.21	798.01	798.22	798.25	797.11	796.22
(+)	15.98	15.30	15.95	16.14	16.10	16.36	15.86	16.28	15.69	16.35	15.15	16.07
(*)	-246	-262	+243	+70.9	-16.5	+97.1	-193	+157	-228	+246	-448	+355
CAL YR 1997	*	+7.93	MAX 799.95	MIN 797.62								
WTR YR 1998	*	-18.1	MAX 799.99	MIN 796.22								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	95	140	121	130	229	255	253	623	182	118	84	63
2	88	157	114	162	227	240	238	450	215	115	78	61
3	84	134	119	220	987	245	293	391	186	113	74	61
4	82	123	166	232	1810	248	354	358	182	e120	72	67
5	79	116	134	237	699	248	278	326	219	e140	71	61
6	77	114	121	247	477	252	261	305	192	e125	68	59
7	74	114	115	1870	411	273	249	345	173	e118	68	71
8	73	108	112	2080	377	1190	250	353	166	110	92	62
9	73	100	128	573	352	1290	431	305	179	109	85	55
10	71	100	137	420	329	624	305	306	209	104	105	54
11	71	101	136	360	333	482	271	309	202	102	91	54
12	70	102	126	334	319	416	252	261	178	102	90	54
13	69	127	121	318	301	377	243	254	171	100	131	54
14	70	138	117	299	280	345	264	249	161	98	99	53
15	71	123	111	457	236	331	251	244	158	97	109	53
16	69	115	108	502	593	319	247	239	151	93	155	53
17	69	110	106	406	826	308	797	232	151	105	114	53
18	72	108	103	330	505	327	456	226	145	103	99	53
19	114	107	100	275	389	385	666	218	147	95	94	53
20	87	104	98	233	336	366	583	212	151	93	90	53
21	82	110	98	218	305	339	433	207	152	98	86	92
22	81	161	152	321	274	316	455	204	151	90	83	85
23	76	127	128	671	340	298	504	199	140	93	80	72
24	89	116	323	353	275	291	470	196	134	91	78	71
25	130	110	321	273	248	279	402	195	135	89	76	69
26	1440	107	197	242	234	271	359	189	130	89	74	67
27	943	104	193	284	327	257	330	186	129	87	71	65
28	299	101	173	269	283	245	306	184	124	93	68	65
29	199	105	157	239	---	250	284	193	121	86	67	236
30	160	119	148	234	---	250	500	185	128	84	65	245
31	142	---	138	235	---	248	---	182	---	83	66	---
TOTAL	5199	3501	4421	13024	12302	11565	10985	8326	4862	3143	2683	2214
MEAN	168	117	143	420	439	373	366	269	162	101	86.5	73.8
MAX	1440	161	323	2080	1810	1290	797	623	219	140	155	245
MIN	69	100	98	130	227	240	238	182	121	83	65	53
CFSM	2.33	1.62	1.98	5.84	6.10	5.18	5.09	3.73	2.25	1.41	1.20	1.03
IN.	2.69	1.81	2.28	6.73	6.36	5.98	5.68	4.30	2.51	1.62	1.39	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1998, BY WATER YEAR (WY)

MEAN	131	157	195	237	231	255	231	201	172	126	144	118
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

SAVANNAH RIVER BASIN

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02185200 LITTLE RIVER NEAR WALHALLA, SC--Continued

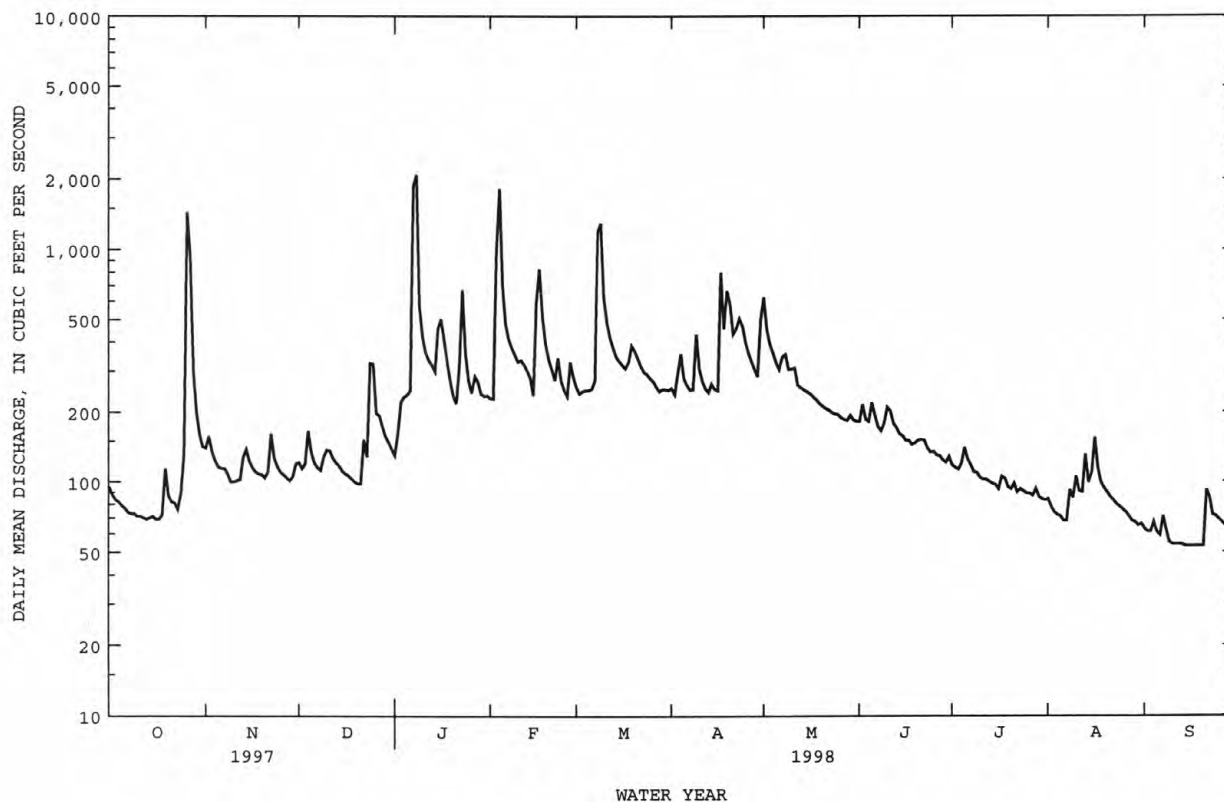
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1967 - 1998
ANNUAL TOTAL	64761	82225	
ANNUAL MEAN	177	225	182
HIGHEST ANNUAL MEAN			255
LOWEST ANNUAL MEAN			85.2
HIGHEST DAILY MEAN	1440	2080	10000
LOWEST DAILY MEAN	57 *** Sep 8	53 * Sep 14	12
ANNUAL SEVEN-DAY MINIMUM	61 Sep 17	53 Sep 14	15
INSTANTANEOUS PEAK FLOW		4910 Jan 7	12800
INSTANTANEOUS PEAK STAGE		7.21 Jan 7	12.29
INSTANTANEOUS LOW FLOW		52 ** Sep 14	12
ANNUAL RUNOFF (CFSM)	2.46	3.13	2.52
ANNUAL RUNOFF (INCHES)	33.46	42.48	34.26
10 PERCENT EXCEEDS	276	395	301
50 PERCENT EXCEEDS	149	152	145
90 PERCENT EXCEEDS	71	71	68

e Estimated

* Also occurred on Sept. 15 - 20.

** Also occurred on Sept. 15, 19 - 21.

*** Also occurred on Sept. 9, 21 - 23.



SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	161	118	144	212	269	218	742	189	124	97	70
2	81	203	108	140	203	247	203	503	234	120	88	71
3	78	163	107	135	1050	233	266	392	214	116	84	76
4	75	140	194	133	2280	224	525	383	185	119	81	102
5	73	130	149	133	1060	219	290	336	271	152	78	83
6	70	124	127	139	608	217	246	311	227	128	77	77
7	70	123	120	980	367	225	229	395	191	120	75	76
8	68	120	115	5120	313	1340	222	420	177	115	135	72
9	67	115	134	1090	282	1600	486	329	180	114	107	72
10	66	111	135	752	260	714	316	380	232	111	113	67
11	80	108	133	500	265	410	256	391	253	106	102	67
12	75	108	124	252	313	337	235	321	200	104	130	66
13	71	136	118	219	252	305	224	282	184	104	99	64
14	72	142	115	198	237	286	239	273	176	101	123	62
15	78	127	110	335	224	269	230	271	184	100	161	62
16	72	115	108	581	408	256	221	267	182	98	422	63
17	71	109	107	498	871	250	1210	258	178	109	167	62
18	72	107	104	309	506	261	567	228	179	110	125	61
19	132	106	102	291	348	341	854	219	328	99	111	61
20	104	105	101	249	298	280	875	213	279	94	102	61
21	83	111	101	221	268	255	457	208	180	124	95	82
22	79	191	185	249	252	239	654	204	167	99	92	115
23	76	151	168	573	335	230	925	203	166	98	90	97
24	88	127	444	366	280	233	715	198	155	128	88	78
25	168	119	653	273	247	224	458	198	171	114	85	74
26	1880	116	285	235	237	217	380	190	150	122	82	72
27	1810	112	254	385	366	215	338	191	143	109	79	69
28	752	108	230	472	322	213	314	193	135	114	76	69
29	296	107	193	302	---	209	303	279	130	105	74	77
30	192	117	174	254	---	205	508	204	129	96	72	153
31	163	---	159	228	---	204	---	198	---	95	73	---
TOTAL	7152	3812	5275	15756	12664	10727	12964	9180	5769	3448	3383	2281
MEAN	231	127	170	508	452	346	432	296	192	111	109	76.0
MAX	1880	203	653	5120	2280	1600	1210	742	328	152	422	153
MIN	66	105	101	133	203	204	203	190	129	94	72	61
CFSM	2.18	1.20	1.61	4.79	4.27	3.26	4.08	2.79	1.81	1.05	1.03	.72
IN.	2.51	1.34	1.85	5.53	4.44	3.76	4.55	3.22	2.02	1.21	1.19	.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 1998, BY WATER YEAR (WY)

MEAN	142	154	195	256	305	320	303	211	171	148	163	117
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	178	110	81.7	67.8	54.3	36.7
(WY)	1955	1956	1956	1956	1991	1955	1995	1957	1956	1957	1954	1954

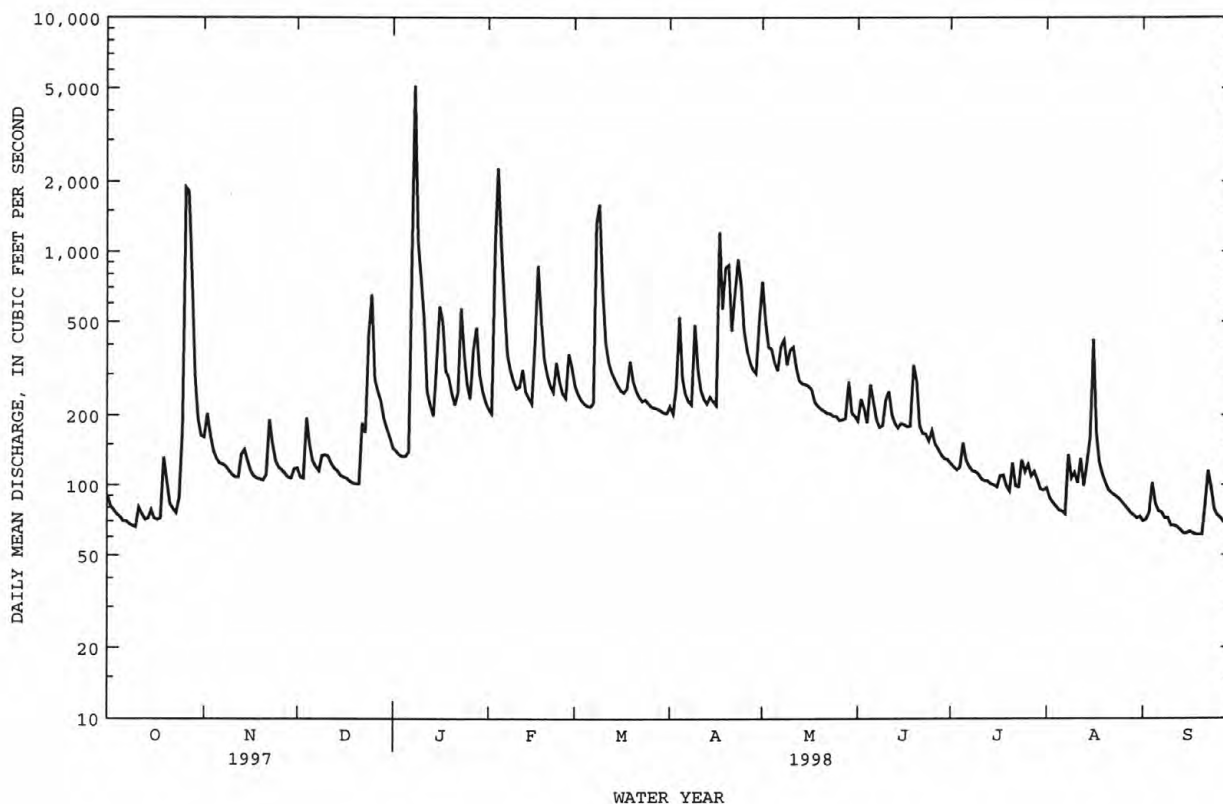
SAVANNAH RIVER BASIN

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02186000 TWELVE MILE CREEK NEAR LIBERTY, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1954 - 1998	
ANNUAL TOTAL	66287		92411			
ANNUAL MEAN	182		253		207	
HIGHEST ANNUAL MEAN					297	
LOWEST ANNUAL MEAN					112	
HIGHEST DAILY MEAN	1920	Feb 28	5120	Jan 8	5120	Jan 8 1998
LOWEST DAILY MEAN	52	Sep 8	61	* Sep 18	32	Oct 5 1954
ANNUAL SEVEN-DAY MINIMUM	54	Sep 3	62	Sep 14	34	Sep 30 1954
INSTANTANEOUS PEAK FLOW			6730	Jan 8	6730	Jan 8 1998
INSTANTANEOUS PEAK STAGE			13.46	Jan 8	13.46	Jan 8 1998
INSTANTANEOUS LOW FLOW			58	Sep 20	30	Sep 23 1955
ANNUAL RUNOFF (CFSM)	1.71		2.39		1.95	
ANNUAL RUNOFF (INCHES)	23.26		32.43		26.53	
10 PERCENT EXCEEDS	263		449		333	
50 PERCENT EXCEEDS	137		174		149	
90 PERCENT EXCEEDS	68		76		78	

* Also occurred on Sept. 19, 20.



SAVANNAH RIVER BASIN

02186645 CONERROSS 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 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 740 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	57	133	75	84	117	167	131	577	102	86	74	46
2	52	170	74	81	115	151	121	263	129	78	71	46
3	50	77	72	79	1200	145	251	205	110	75	67	49
4	48	74	123	77	2120	139	262	193	139	76	65	52
5	46	70	91	79	e620	136	175	169	210	77	63	48
6	46	68	79	80	e480	136	148	157	137	102	61	46
7	45	66	73	661	416	160	136	471	111	87	60	46
8	44	65	71	1860	360	973	131	541	102	80	65	45
9	44	69	86	491	293	840	653	266	105	79	73	44
10	41	84	85	387	266	421	254	387	168	76	85	43
11	41	84	81	326	257	320	182	345	142	73	69	43
12	40	73	76	257	253	272	156	224	111	73	65	42
13	41	68	74	212	185	207	145	187	100	71	68	42
14	41	65	77	145	149	179	170	168	96	69	74	41
15	41	e66	75	278	137	164	148	156	99	69	68	41
16	40	e66	74	312	425	157	143	145	94	69	75	41
17	40	e65	71	205	622	152	705	138	90	67	72	41
18	41	e65	69	153	361	157	346	132	86	68	66	40
19	86	64	66	168	261	196	469	126	143	65	63	40
20	54	63	64	139	201	168	361	122	116	63	61	40
21	47	71	63	125	174	152	262	118	129	63	58	205
22	46	129	148	184	162	143	340	115	117	61	58	119
23	44	89	101	377	243	137	335	112	103	72	55	80
24	58	78	425	235	191	137	253	110	91	82	55	68
25	68	71	361	167	163	133	202	109	87	71	53	63
26	1450	69	178	141	155	131	175	106	85	71	52	60
27	916	67	161	281	260	129	162	107	84	178	51	56
28	409	65	126	214	201	126	150	108	81	152	49	50
29	331	65	109	159	---	124	143	103	79	97	48	66
30	258	72	100	138	---	123	343	102	81	83	47	251
31	187	---	90	126	---	123	---	103	---	79	47	---
TOTAL	4752	2331	3418	8221	10387	6698	7452	6165	3327	2512	1938	1894
MEAN	153	77.7	110	265	371	216	248	199	111	81.0	62.5	63.1
MAX	1450	170	425	1860	2120	973	705	577	210	178	85	251
MIN	40	63	63	77	115	123	121	102	79	61	47	40
CFSM	2.34	1.19	1.69	4.05	5.67	3.30	3.80	3.04	1.70	1.24	.96	.97
IN.	2.70	1.33	1.94	4.68	5.91	3.81	4.24	3.51	1.89	1.43	1.10	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1998, BY WATER YEAR (WY)

MEAN	126	112	120	185	202	209	145	121	108	89.8	125	82.0
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	129	65.9	61.3	58.3	52.1	49.6	50.4
(WY)	1994	1991	1991	1992	1991	1991	1989	1989	1990	1990	1997	1993

SAVANNAH RIVER BASIN

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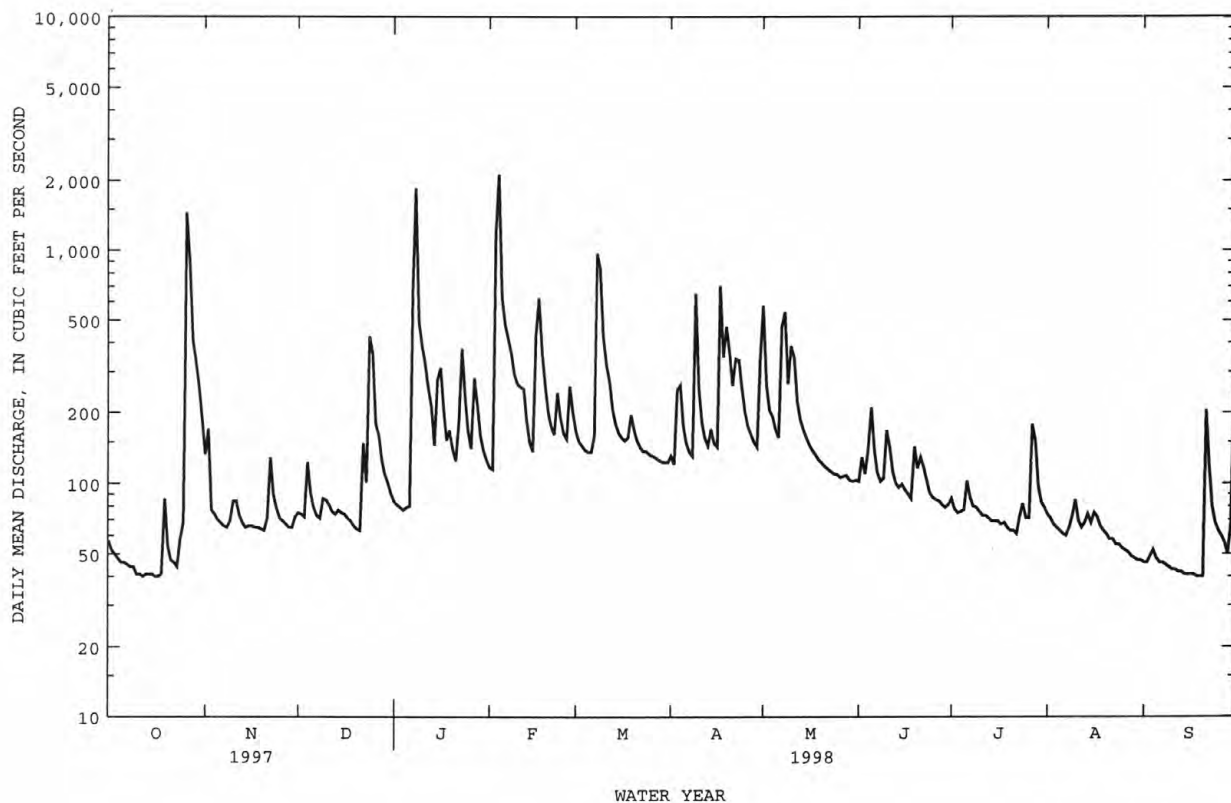
02186645 CONERROSS CREEK NEAR SENECA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1989 - 1998	
ANNUAL TOTAL	41937		59095		135	
ANNUAL MEAN	115		162		180	1993
HIGHEST ANNUAL MEAN					109	1997
LOWEST ANNUAL MEAN					32	Mar 17 1990
HIGHEST DAILY MEAN	1450	Oct 26	2120	Feb 4	2800	Sep 9 1997
LOWEST DAILY MEAN	32	Sep 9	40	** Oct 12	35	Jul 3 1990
ANNUAL SEVEN-DAY MINIMUM	35	Sep 17	41	Oct 11	3590	Aug 17 1994
INSTANTANEOUS PEAK FLOW			3100	Jan 8	15.26	Aug 17 1994
INSTANTANEOUS PEAK STAGE			14.29	Jan 8	31	Sep 9 1997
INSTANTANEOUS LOW FLOW			38	* Sep 18	2.06	
ANNUAL RUNOFF (CFSM)	1.76		2.48		28.05	
ANNUAL RUNOFF (INCHES)	23.85		33.61		234	
10 PERCENT EXCEEDS	189		328		89	
50 PERCENT EXCEEDS	80		102		52	
90 PERCENT EXCEEDS	43		48			

e Estimated

* Also occurred on Sept. 19.

** Also occurred on Oct. 16, 17, Sept. 18 - 20.



SAVANNAH RIVER BASIN

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, 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 mi².

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 ft³ 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 ft³. 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, 664.02 ft, Mar. 20; minimum elevation, 655.07 ft, Oct. 24.

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	656.02	657.91	657.51	657.33	659.93	660.88	661.79	661.75	662.99	660.35	658.63	657.17
2	655.98	658.03	657.43	657.23	659.87	660.87	661.49	661.41	662.97	660.24	658.65	657.07
3	655.90	657.97	657.43	657.30	660.73	660.74	661.39	660.99	662.97	660.19	658.50	657.11
4	655.96	657.85	657.37	657.37	661.79	660.71	661.63	660.53	662.99	660.29	658.31	656.99
5	655.98	657.79	657.21	657.33	662.13	660.61	661.77	660.57	662.91	660.35	658.16	656.99
6	655.88	657.73	657.32	657.27	662.33	660.59	661.77	660.67	662.83	660.26	657.97	656.99
7	655.80	657.69	657.39	658.45	662.49	660.90	661.75	661.10	662.69	660.17	657.89	656.99
8	655.64	657.69	657.30	660.44	662.57	662.08	661.79	661.09	662.47	660.09	657.95	656.81
9	655.56	657.77	657.17	660.89	662.67	662.71	662.13	661.27	662.27	659.91	658.01	656.63
10	655.48	657.69	657.13	661.23	662.80	662.83	661.63	661.51	662.13	659.79	657.91	656.53
11	655.54	657.61	657.13	661.45	662.87	663.01	661.19	661.81	661.95	659.81	657.82	656.41
12	655.56	657.65	657.05	661.61	662.89	663.14	661.19	661.75	661.82	659.87	657.81	656.43
13	655.48	657.75	657.06	661.53	663.06	663.20	660.85	661.77	661.59	659.75	657.69	656.45
14	655.44	657.79	657.09	661.25	663.23	663.35	660.29	661.91	661.31	659.65	657.57	656.29
15	655.36	657.89	656.99	661.13	663.38	663.53	660.35	662.08	661.01	659.55	657.71	656.13
16	655.30	657.83	656.99	660.97	663.55	663.73	660.48	662.25	660.73	659.46	657.81	655.96
17	655.28	657.59	656.91	661.11	663.59	663.89	661.79	662.37	660.47	659.41	657.82	655.79
18	655.34	657.43	656.87	661.29	663.69	663.93	661.61	662.37	660.15	659.45	657.85	655.61
19	655.42	657.32	656.81	661.37	663.36	663.98	662.05	662.37	660.01	659.51	657.85	655.65
20	655.34	657.27	656.87	661.15	662.95	663.93	661.95	662.45	660.05	659.37	657.81	655.68
21	655.28	657.43	656.99	660.79	662.51	663.89	662.13	662.57	660.15	659.29	657.85	655.69
22	655.21	657.63	656.84	660.71	662.17	663.61	662.31	662.58	660.33	659.17	657.85	655.67
23	655.13	657.73	656.67	660.59	662.03	663.36	662.39	662.66	660.25	659.13	657.85	655.51
24	655.35	657.65	657.03	660.73	661.67	663.09	662.35	662.73	660.31	659.07	657.75	655.39
25	655.47	657.55	657.21	660.81	661.23	662.85	662.65	662.77	660.35	659.11	657.54	655.30
26	656.95	657.43	657.23	660.59	660.79	662.67	662.89	662.77	660.45	659.13	657.43	655.31
27	657.56	657.49	657.49	660.66	660.61	662.49	662.71	662.77	660.53	659.03	657.47	655.33
28	657.65	657.45	657.57	660.43	660.81	662.57	662.29	662.73	660.53	658.97	657.33	655.19
29	657.65	657.53	657.51	660.19	---	662.69	661.81	662.71	660.55	658.83	657.37	655.29
30	657.63	657.61	657.43	659.81	---	662.41	661.89	662.85	660.46	658.69	657.39	655.23
31	657.81	---	657.35	659.85	---	662.13	---	662.97	---	658.61	657.26	---
MEAN	655.93	657.66	657.17	660.09	662.20	662.59	661.74	662.00	661.34	659.56	657.83	656.12
MAX	657.81	658.03	657.57	661.61	663.69	663.98	662.89	662.97	662.99	660.35	658.65	657.17
MIN	655.13	657.27	656.67	657.23	659.87	660.59	660.29	660.53	660.01	658.61	657.26	655.19
(+)	56.43	55.96	55.36	61.30	63.65	66.96	66.35	69.10	62.79	58.32	55.15	50.54
(*)	+1505	-181	-224	+2218	+971	+1236	-235	+1027	-2434	-1669	-1184	-1779
CAL YR 1997	*	+29.2	MAX 663.20	MIN 655.13								
WTR YR 1998	*	-59.0	MAX 663.98	MIN 655.13								

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SAVANNAH RIVER BASIN

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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 mi², 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, June 4, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 483.15 ft, Mar. 31; minimum, 474.84 ft, Sept. 12 - 13.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	480.46	474.89	476.40	478.15	474.88	475.33	480.92	475.11	476.88	479.24	475.88	477.12
2	480.44	474.88	476.01	474.96	474.88	474.89	480.76	475.19	476.76	481.70	475.77	477.49
3	480.43	474.88	476.04	480.42	474.88	476.55	480.55	475.20	476.77	476.37	475.94	476.14
4	474.89	474.88	474.88	480.40	474.88	476.48	480.21	475.30	476.91	477.38	475.49	476.06
5	478.75	474.88	475.25	480.34	474.88	476.66	481.79	475.41	477.84	481.66	475.40	477.00
6	480.45	474.88	476.54	480.50	474.96	476.43	476.00	475.60	475.82	479.88	475.28	477.04
7	480.55	474.88	476.37	480.42	474.97	476.54	475.88	475.51	475.74	481.35	475.22	477.40
8	480.42	474.89	476.98	479.00	474.94	475.44	481.70	475.36	477.44	481.75	475.65	477.84
9	480.45	474.89	476.67	475.44	474.97	475.14	481.72	475.47	477.43	481.70	476.43	478.42
10	479.94	474.88	476.11	480.40	474.98	476.43	481.71	475.57	477.40	477.85	477.02	477.31
11	477.25	474.88	475.02	480.40	474.97	476.51	480.74	475.63	477.17	477.71	477.18	477.39
12	477.19	474.88	475.11	480.39	474.97	476.43	481.30	475.57	477.22	481.86	476.72	478.34
13	479.02	474.88	476.14	480.18	475.01	476.74	479.45	475.85	476.57	481.88	476.99	478.86
14	479.09	474.89	476.01	479.39	474.97	476.05	478.94	475.71	476.50	481.80	477.36	480.41
15	479.09	474.89	475.81	475.54	474.98	475.32	481.72	475.59	477.58	481.78	477.00	480.35
16	479.08	474.88	475.80	478.22	475.42	476.58	481.26	475.70	477.44	481.75	476.81	479.97
17	478.19	474.88	475.48	481.39	477.21	478.26	481.61	475.60	477.40	479.56	476.81	477.42
18	474.89	474.88	474.89	481.64	475.06	477.62	481.64	475.49	477.01	479.05	477.02	477.38
19	474.90	474.88	474.89	481.63	475.02	476.42	481.67	475.47	476.87	481.74	476.78	480.10
20	479.69	474.88	476.01	481.60	475.01	476.32	477.02	475.58	475.86	481.82	476.72	480.24
21	479.27	474.88	475.94	481.62	475.00	476.09	475.84	475.62	475.77	481.79	476.17	480.19
22	479.21	474.89	475.97	475.11	475.03	475.06	481.51	475.41	477.88	481.75	476.16	479.96
23	479.95	474.88	476.04	475.16	475.10	475.13	480.21	475.40	477.81	481.74	475.99	479.98
24	479.07	474.88	475.95	481.06	475.09	476.63	481.73	475.55	477.46	478.38	476.30	477.09
25	474.91	474.88	474.89	481.51	475.06	476.78	477.44	476.49	477.02	479.31	476.11	477.14
26	475.01	474.89	474.92	481.47	475.02	476.86	481.79	476.15	478.04	481.69	475.59	480.12
27	480.44	474.88	476.34	479.33	475.00	475.31	476.95	476.66	476.83	481.65	475.59	479.85
28	480.43	474.90	476.59	480.04	475.03	476.30	476.96	476.67	476.83	481.68	475.51	479.80
29	480.03	474.89	476.45	475.12	475.03	475.06	481.80	476.16	477.80	481.62	475.45	479.79
30	480.00	474.89	476.38	477.28	475.06	475.29	481.69	476.05	477.67	481.63	475.39	479.84
31	479.16	474.89	476.14	---	---	---	480.83	475.90	477.57	481.61	475.37	476.62
MONTH	480.55	474.88	475.87	481.64	474.88	476.15	481.80	475.11	477.07	481.88	475.22	478.47

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	479.44	475.08	476.12	480.46	476.30	477.06	481.65	476.17	479.97	481.75	478.72	481.46
2	481.66	475.06	479.28	481.72	475.93	478.07	481.62	475.73	480.11	481.73	478.74	480.81
3	481.66	475.07	479.40	481.69	475.92	478.11	481.64	475.65	480.08	481.64	478.93	481.22
4	481.89	475.44	480.24	481.72	475.79	478.16	476.76	475.86	476.52	481.59	480.28	481.82
5	481.91	476.97	478.58	481.68	475.71	477.95	477.54	476.40	476.72	480.28	475.12	476.85
6	481.85	477.42	478.68	481.21	475.75	477.70	481.70	476.04	477.96	478.91	475.18	476.82
7	479.52	477.67	478.23	477.21	476.04	476.39	481.71	476.01	477.84	478.86	475.24	476.89
8	479.92	477.98	478.44	480.58	476.40	477.53	481.69	476.17	478.08	480.41	475.45	477.65
9	482.06	477.78	478.19	481.99	477.54	479.49	481.89	476.62	480.99	477.24	475.64	476.17
10	482.03	478.06	479.93	481.99	477.87	479.04	481.99	478.81	481.54	478.80	475.72	476.32
11	480.82	477.99	478.92	482.11	478.03	479.18	481.93	481.60	481.87	481.57	475.62	477.31
12	480.82	477.99	478.95	482.17	477.62	479.22	481.71	476.88	478.66	481.67	475.70	477.70
13	480.82	478.00	478.74	482.05	477.73	479.08	481.93	477.11	480.48	481.51	475.62	477.69
14	478.43	477.90	478.18	478.86	477.78	478.31	481.77	481.33	481.73	480.93	475.77	477.41
15	478.80	477.92	478.25	478.56	478.02	478.34	481.76	476.02	477.87	481.56	475.91	477.25
16	481.93	477.86	481.15	482.04	477.78	479.08	481.81	475.96	478.05	477.37	475.84	476.13
17	481.86	477.26	480.96	482.08	477.58	479.25	481.86	476.55	478.36	480.02	475.71	476.50
18	481.83	477.08	481.05	482.03	477.54	479.07	481.87	476.99	480.53	480.27	475.70	477.24
19	481.81	476.85	480.93	481.99	477.53	479.04	481.87	477.19	478.87	480.32	475.73	477.08
20	481.75	476.55	480.89	481.99	477.67	479.45	481.99	477.45	480.74	480.22	475.52	476.87
21	481.66	476.25	480.80	481.86	477.27	480.05	482.05	477.37	479.04	480.19	475.57	476.83
22	481.64	476.01	480.71	481.80	476.72	479.86	482.02	477.45	479.88	480.21	475.48	476.62
23	481.63	475.79	480.16	481.87	477.18	479.66	481.97	477.20	479.92	479.08	475.61	476.13
24	481.69	475.49	480.59	481.78	476.16	479.72	482.01	476.97	479.67	478.14	475.63	476.04
25	481.70	475.53	480.66	481.78	476.09	479.36	479.94	477.06	477.71	480.19	475.51	476.39
26	481.64	475.62	480.69	481.70	475.89	479.39	477.77	477.46	477.66	480.21	475.48	476.76
27	481.65	475.76	480.46	481.67	476.08	479.56	481.88	477.21	480.36	480.28	475.55	476.71
28	479.60	475.88	476.61	479.81	476.14	476.82	481.94	477.65	480.91	480.27	475.47	476.86
29	---	---	---	477.48	476.44	476.71	481.92	480.73	481.66	480.25	475.44	476.75
30	---	---	---	481.73	476.59	480.39	481.83	481.72	481.77	475.84	475.67	475.75
31	---	---	---	483.15	476.33	480.37	---	---	---	475.80	475.70	475.75
MONTH	482.06	475.06	479.49	483.15	475.71	478.76	482.05	475.65	479.52	481.75	475.12	477.33

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	480.32	475.49	476.90	480.14	475.01	476.56	474.87	474.85	474.86	479.02	474.86	476.02
2	480.21	475.43	476.99	480.16	475.00	476.53	474.87	474.85	474.86	478.94	474.86	475.93
3	480.25	475.37	477.71	479.80	474.98	476.08	480.06	474.86	476.67	479.45	474.86	475.94
4	480.27	475.34	476.78	475.04	474.97	474.99	480.06	474.86	476.79	480.07	474.86	476.23
5	480.24	475.33	477.60	474.99	474.98	474.99	480.06	474.86	476.80	478.47	474.86	475.21
6	480.19	475.31	477.38	480.14	474.98	476.46	480.10	474.86	476.89	477.99	474.86	475.24
7	480.23	475.82	477.60	480.14	474.97	476.38	480.07	474.86	476.85	478.22	474.86	475.21
8	480.28	476.28	478.47	480.15	474.95	476.28	477.21	474.86	475.26	480.00	474.85	476.51
9	480.28	475.72	478.85	480.13	474.94	477.36	477.10	474.86	475.15	479.82	474.86	476.46
10	480.32	476.06	478.58	480.13	474.95	476.68	480.08	474.86	476.54	479.99	474.86	475.74
11	480.29	476.19	478.56	474.98	474.95	474.96	480.14	474.86	476.49	480.01	474.85	476.21
12	480.25	475.68	478.62	475.01	474.97	474.97	480.08	474.86	476.43	474.86	474.84	474.85
13	480.25	475.64	478.92	480.13	474.95	476.41	480.08	474.86	476.51	478.46	474.84	475.12
14	480.27	475.59	478.95	480.13	474.94	476.33	480.08	474.86	476.48	480.20	474.86	476.40
15	480.23	475.55	478.88	480.09	474.93	476.28	474.89	474.86	474.87	480.02	474.86	476.66
16	480.27	475.55	478.88	480.10	474.92	476.33	474.88	474.86	474.87	480.00	474.87	476.54
17	480.26	475.78	478.89	480.14	474.92	476.26	479.13	474.86	475.78	480.04	474.87	476.62
18	480.24	475.54	478.92	478.64	474.91	475.21	480.03	474.86	476.13	480.03	474.87	476.51
19	480.18	475.58	478.64	478.04	474.91	475.22	479.97	474.86	475.88	474.88	474.87	474.88
20	479.35	475.67	476.21	480.13	474.92	476.36	479.36	474.86	475.76	474.88	474.87	474.88
21	476.15	475.95	476.06	480.10	474.91	476.39	480.01	474.86	475.86	480.04	474.88	476.28
22	479.25	475.60	476.79	480.10	474.91	476.28	478.80	474.86	475.23	479.04	474.88	475.86
23	479.84	475.55	476.85	480.11	474.92	476.45	478.89	474.86	475.19	480.02	474.88	476.37
24	480.13	475.51	476.76	480.08	474.91	476.16	480.08	474.86	476.65	480.02	474.88	476.33
25	480.10	475.46	476.99	478.46	474.91	475.18	480.06	474.86	476.86	480.06	474.88	476.20
26	480.18	475.26	476.94	478.85	474.91	475.27	480.04	474.86	476.77	477.13	474.88	475.19
27	478.33	475.24	475.95	479.49	474.91	476.45	480.07	474.86	476.64	476.98	474.87	475.08
28	477.16	475.20	475.68	479.99	474.87	476.58	480.03	474.86	477.02	480.03	474.88	476.36
29	479.77	475.09	476.75	480.07	474.86	476.62	478.07	474.86	475.57	480.10	474.88	476.16
30	480.21	475.04	476.77	480.07	474.86	476.42	476.98	474.86	475.33	480.02	474.88	476.18
31	---	---	---	480.06	474.85	476.38	479.50	474.86	476.24	---	---	---
MONTH	480.32	475.04	477.60	480.16	474.85	476.09	480.14	474.85	476.04	480.20	474.84	475.91
YEAR	483.15	474.84	477.34									

SAVANNAH RIVER BASIN

401

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 mi², 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.--Records good except for estimated daily discharges, which are poor. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River. Discharge is affected by backwater when the mean-daily elevation at Richard B. Russell Lake (see sta 02189004) exceeds about 476 ft. Therefore, the daily mean discharges are not shown for Dec. 6, 7, 9 - 21, 23 - 31, Jan. 1 - 4, 8 - 29, Feb. 4 - 28, Mar. 1 - 31, Apr. 1 - 30, May 1 - 3, 8 - 26, June 7 - 23.

AVERAGE DISCHARGE.--5 years (water years 1985 - 89), 2,993 ft³/s, 19.45 in/yr.

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	3930	969	5100	---	2450	---	---	---	4570	4410	21	2950
2	2980	20	4600	---	12800	---	---	---	4950	4430	21	2740
3	3130	4340	4450	---	13500	---	---	---	7100	3030	4990	2590
4	20	4020	4910	---	---	---	---	e21000	4390	27	5360	3830
5	805	4390	7590	4960	---	---	---	e5300	7090	28	5510	810
6	4380	3850	---	4960	---	---	---	e2380	6400	4230	5710	812
7	3700	4230	---	6380	---	---	---	4530	---	3970	5610	752
8	5250	1040	6710	---	---	---	---	---	---	3700	754	4520
9	4300	152	---	---	---	---	---	---	---	6980	519	4300
10	2800	3670	---	---	---	---	---	---	---	4930	4730	2370
11	196	4000	---	---	---	---	---	---	---	24	4580	3750
12	408	3560	---	---	---	---	---	---	---	26	4450	21
13	2930	4070	---	---	---	---	---	---	---	4030	4520	576
14	2620	2530	---	---	---	---	---	---	---	3930	4510	4430
15	2210	282	---	---	---	---	---	---	---	3710	23	4940
16	2200	2970	---	---	---	---	---	---	---	3810	22	4600
17	1280	8230	---	---	---	---	---	---	---	3780	2360	4840
18	20	6550	---	---	---	---	---	---	---	610	3480	4480
19	21	4020	---	---	---	---	---	---	---	e695	2580	24
20	2630	3730	---	---	---	---	---	---	---	e4040	2270	24
21	2520	3100	---	---	---	---	---	---	---	4130	2690	3950
22	2490	61	8020	---	---	---	---	---	---	3770	810	2360
23	2740	93	---	---	---	---	---	---	---	4210	757	4080
24	2270	4500	---	---	---	---	---	---	e4070	3480	4950	4000
25	20	4940	---	---	---	---	---	---	e5030	563	5650	3670
26	23	5300	---	---	---	---	---	---	4930	829	5330	651
27	3700	722	---	---	---	---	---	4040	1920	4070	4990	372
28	3980	3390	---	---	---	---	---	4490	1070	4520	5570	4090
29	3860	59	---	---	---	---	---	4160	4800	4800	1650	3590
30	3610	502	---	15000	---	---	---	843	4830	4340	866	3630
31	2760	---	---	3910	---	---	---	852	---	4190	3700	---
TOTAL	73783	89290	---	---	---	---	---	---	---	99292	98983	83752
MEAN	2380	2976	---	---	---	---	---	---	---	3203	3193	2792
MAX	5250	8230	---	---	---	---	---	---	---	6980	5710	4940
MIN	20	20	---	---	---	---	---	---	---	24	21	21
CFSM	1.14	1.42	---	---	---	---	---	---	---	1.53	1.53	1.34
IN.	1.31	1.59	---	---	---	---	---	---	---	1.77	1.76	1.49

SAVANNAH RIVER BASIN

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA--Continued

SUMMARY STATISTICS

FOR 1998 WATER YEAR

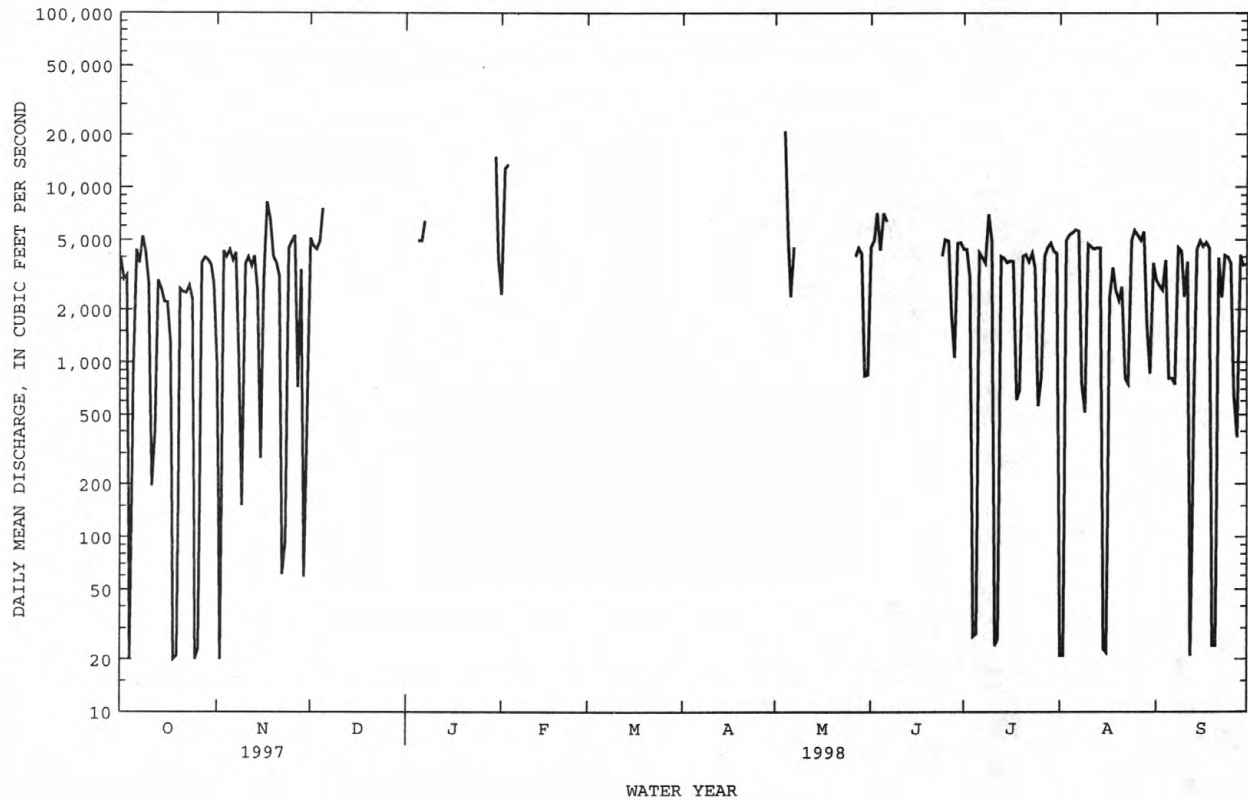
WATER YEARS 1985 - 1998

LOWEST DAILY MEAN	* 20	** Oct 4	* 10	Apr 28 1996
INSTANTANEOUS PEAK FLOW	26400	Mar 13	Unknown	Aug 17 1994
INSTANTANEOUS PEAK STAGE	11.08	Mar 13	17.18	Aug 17 1994

e Estimated

* May have been less during periods of backwater.

** Also occurred on Oct. 18, 25, Nov. 2.



SAVANNAH RIVER BASIN

403

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 mi².

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 fair.

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	e52	201	130	106	203	238	151	677	111	81	62	40
2	47	126	162	99	210	209	119	227	171	74	57	39
3	45	106	93	101	748	143	290	227	110	71	53	117
4	43	84	214	105	2510	155	679	386	144	71	50	119
5	42	77	135	110	1680	173	420	181	239	139	48	58
6	42	74	109	192	453	171	185	134	402	122	47	47
7	41	83	104	212	316	309	220	341	121	91	46	45
8	41	77	102	1830	247	944	152	800	109	82	51	45
9	40	75	113	2000	264	2270	1260	365	110	80	62	44
10	40	73	141	436	163	1140	1410	283	210	76	65	43
11	39	72	176	233	264	348	394	272	186	71	63	42
12	39	117	96	191	169	294	188	166	113	68	61	42
13	40	149	88	210	240	194	228	161	104	67	62	42
14	39	158	90	175	164	190	258	175	100	64	72	41
15	42	141	136	401	139	187	191	148	98	63	70	41
16	42	113	83	422	373	244	247	182	131	62	262	41
17	42	99	82	352	475	155	3100	158	97	61	125	40
18	41	124	84	308	472	179	3810	137	87	71	61	40
19	50	83	85	339	212	237	873	162	e138	62	53	40
20	57	79	86	244	254	198	830	126	e118	60	49	40
21	51	158	87	178	174	225	442	126	e87	57	46	44
22	49	751	159	391	262	127	697	149	88	55	44	70
23	49	817	198	431	358	145	1050	140	e92	59	44	65
24	80	207	621	252	150	166	411	120	e85	60	45	56
25	63	156	1620	229	133	195	418	121	e86	75	45	49
26	358	133	568	224	147	121	351	110	e87	67	44	46
27	800	119	235	543	351	118	225	101	e89	64	42	44
28	246	111	271	643	244	127	151	111	e82	65	41	45
29	96	106	281	285	---	153	163	105	e78	63	40	47
30	76	125	133	203	---	127	515	109	76	59	40	88
31	69	---	214	230	---	238	---	114	---	57	40	---
TOTAL	2801	4794	6696	11675	11375	9720	19428	6614	3749	2217	1890	1560
MEAN	90.4	160	216	377	406	314	648	213	125	71.5	61.0	52.0
MAX	800	817	1620	2000	2510	2270	3810	800	402	139	262	119
MIN	39	72	82	99	133	118	119	101	76	55	40	39
CFSM	.81	1.44	1.95	3.39	3.66	2.82	5.83	1.92	1.13	.64	.55	.47
IN.	.94	1.61	2.24	3.91	3.81	3.26	6.51	2.22	1.26	.74	.63	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1998, BY WATER YEAR (WY)

MEAN	112	133	158	252	263	251	216	126	99.2	67.9	120	72.5
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	144	97.6	73.4	52.6	45.9	44.8	48.1
(WY)	1994	1992	1992	1992	1991	1995	1995	1994	1990	1990	1993	1997

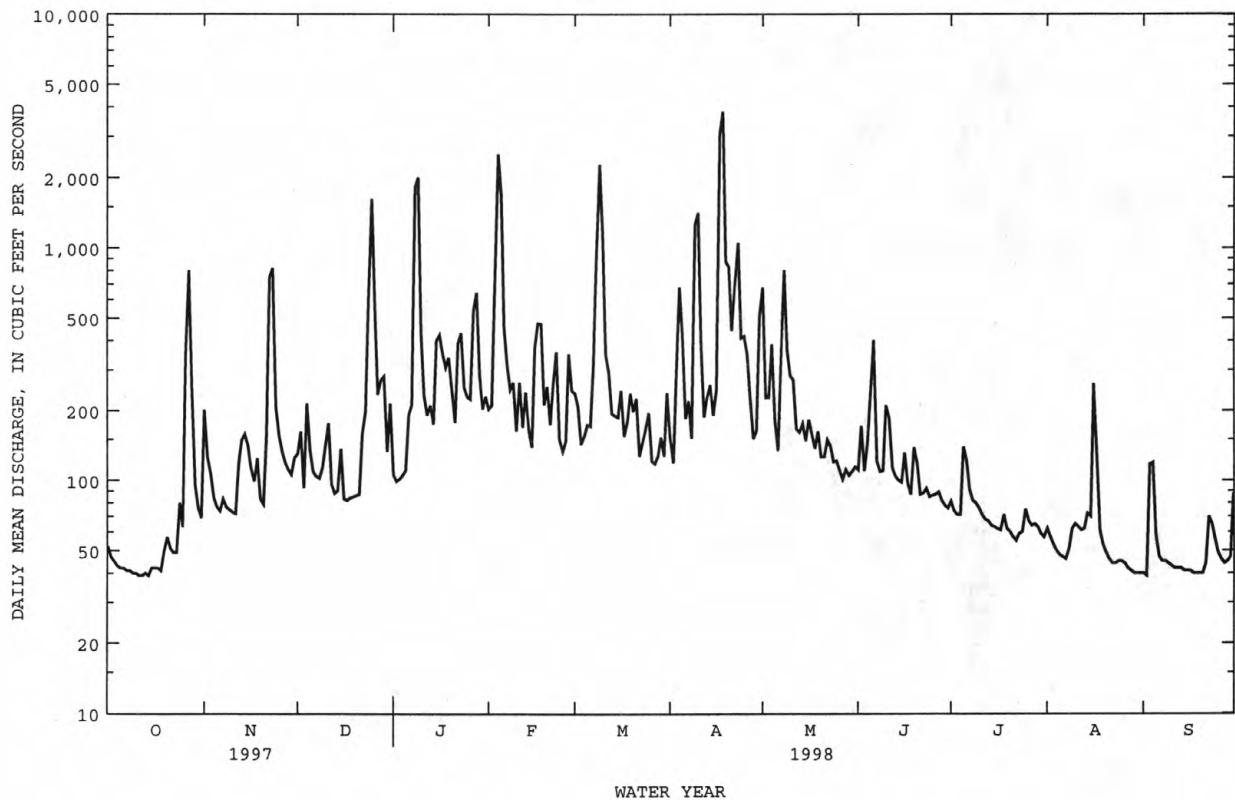
SAVANNAH RIVER BASIN

02187910 ROCKY RIVER NEAR STARR, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1989 - 1998	
ANNUAL TOTAL	50793		82519		155	
ANNUAL MEAN	139		226		226	1998
HIGHEST ANNUAL MEAN					107	1992
LOWEST ANNUAL MEAN					3810	Apr 18 1998
HIGHEST DAILY MEAN	1620	Dec 25	3810	Apr 18	25	Aug 6 1992
LOWEST DAILY MEAN	29	Sep 7	39	* Oct 11	26	Aug 5 1992
ANNUAL SEVEN-DAY MINIMUM	30	Sep 3	40	Oct 8	6260	Apr 18 1998
INSTANTANEOUS PEAK FLOW			6260	Apr 18	17.70	Apr 18 1998
INSTANTANEOUS PEAK STAGE			17.70	Apr 18	1.40	
ANNUAL RUNOFF (CFSM)	1.25		2.04		18.99	
ANNUAL RUNOFF (INCHES)	17.02		27.66		267	
10 PERCENT EXCEEDS	234		419		94	
50 PERCENT EXCEEDS	96		121		47	
90 PERCENT EXCEEDS	41		44			

e Estimated

* Also occurred on Oct. 12, 14, Sept. 2.



SAVANNAH RIVER BASIN

405

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 mi², 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 ft³ 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 ft³. 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, 478.84 ft, Feb. 12; minimum, 471.01 ft, Sept. 25.

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	474.05	474.46	475.47	476.56	475.11	476.82	476.51	477.26	475.79	475.04	474.02	471.81
2	473.87	474.35	475.52	476.54	475.24	476.69	476.27	476.50	475.76	474.96	474.02	471.81
3	473.71	474.34	475.66	476.27	476.07	476.67	476.69	475.89	475.72	474.90	473.98	472.00
4	473.64	474.35	475.81	475.90	477.67	476.57	476.86	475.26	475.62	474.94	473.98	471.79
5	473.68	474.31	476.09	475.71	478.17	476.48	476.93	475.39	475.57	474.95	473.96	471.88
6	473.61	474.25	476.04	475.46	478.31	476.44	476.96	475.46	476.09	474.86	473.95	471.96
7	473.47	474.20	475.95	475.77	478.40	476.67	476.91	475.74	476.56	474.74	473.97	471.79
8	473.42	474.29	475.99	476.75	478.57	477.67	477.03	476.11	476.39	474.70	474.07	471.75
9	473.47	474.25	476.10	477.40	478.68	478.36	478.31	476.07	476.57	474.83	474.09	471.79
10	473.37	474.18	476.26	477.56	478.72	478.47	478.50	476.19	476.47	474.90	473.99	471.71
11	473.42	474.21	476.27	477.71	478.76	478.58	477.94	476.24	476.33	474.88	473.89	471.60
12	473.45	474.28	476.28	477.75	478.75	478.55	477.71	476.28	476.21	474.90	473.79	471.62
13	473.38	474.47	476.35	477.76	478.61	478.51	477.56	476.27	476.15	474.77	473.73	471.63
14	473.35	474.57	476.41	477.68	478.40	478.55	477.02	476.31	476.11	474.70	473.64	471.55
15	473.36	474.61	476.46	477.61	478.38	478.58	476.85	476.23	476.11	474.58	473.71	471.45
16	473.47	474.86	476.38	477.44	478.18	478.51	476.88	476.31	476.08	474.46	473.77	471.28
17	473.49	475.11	476.24	477.46	478.07	478.49	477.54	476.45	476.06	474.36	473.42	471.28
18	473.53	475.18	476.12	477.47	477.82	478.50	477.85	476.43	476.02	474.42	473.11	471.41
19	473.54	475.12	475.99	477.45	477.50	478.48	478.21	476.31	476.13	474.53	472.89	471.43
20	473.53	475.01	476.04	477.41	477.22	478.36	478.29	476.18	476.22	474.40	472.77	471.42
21	473.54	475.06	475.97	477.22	476.92	477.99	478.42	476.14	476.24	474.28	472.63	471.38
22	473.51	475.29	476.03	476.99	476.62	477.59	478.23	476.06	476.13	474.15	472.67	471.07
23	473.46	475.38	475.95	476.71	476.23	477.17	478.07	476.00	476.07	474.11	472.73	471.09
24	473.48	475.32	476.96	476.78	476.27	477.05	477.71	476.00	475.95	474.07	472.72	471.09
25	473.55	475.26	477.09	476.79	476.37	476.96	477.85	475.99	475.84	474.13	472.70	471.05
26	474.24	475.11	477.06	476.43	476.48	476.85	477.79	475.94	475.52	474.21	472.59	471.11
27	474.29	475.15	477.10	476.52	476.67	476.78	478.05	475.94	475.49	474.20	472.51	471.15
28	474.25	475.17	477.04	476.31	476.78	476.86	478.45	475.93	475.36	474.15	472.40	471.09
29	474.33	475.24	476.88	475.96	---	476.94	478.03	475.92	475.23	474.07	472.29	471.09
30	474.36	475.33	476.74	475.86	---	477.01	477.80	475.89	475.15	474.03	472.18	471.14
31	474.36	---	476.66	475.70	---	476.85	---	475.91	---	474.03	472.07	---
MEAN	473.68	474.76	476.29	476.80	477.46	477.55	477.57	476.08	475.96	474.52	473.30	471.47
MAX	474.36	475.38	477.10	477.76	478.76	478.58	478.50	477.26	476.57	475.04	474.09	472.00
MIN	473.35	474.18	475.47	475.46	475.11	476.44	476.27	475.26	475.15	474.03	472.07	471.05
(+)	43.93	45.09	46.66	45.53	46.81	46.89	48.05	45.77	44.88	43.54	41.38	40.35
(*)	+198	+448	+586	-422	+529	+29.9	+448	-851	-343	-500	-806	-397

CAL YR 1997 * +145 MAX 478.02 MIN 472.73
WTR YR 1998 * -96.7 MAX 478.76 MIN 471.05

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SAVANNAH RIVER BASIN

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 mi², 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, 23.22 ft, Oct. 27, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 35.37 ft, Feb. 6, 7; minimum, 24.75 ft, Oct. 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.31	25.90	26.16	26.66	26.06	26.21	27.54	26.90	27.18	29.66	28.87	29.21
2	26.35	25.83	26.18	26.52	25.97	26.17	27.78	26.93	27.26	29.14	28.38	28.75
3	26.66	25.87	26.27	26.53	25.87	26.19	27.83	26.96	27.32	28.56	28.05	28.35
4	26.33	25.91	26.23	26.72	25.88	26.28	27.52	27.01	27.29	28.30	27.66	28.08
5	26.23	25.85	26.13	26.80	25.97	26.30	27.81	26.82	27.30	28.14	27.25	27.83
6	26.67	25.70	26.14	26.78	25.80	26.35	27.64	26.94	27.27	28.07	27.28	27.69
7	26.45	25.97	26.16	26.79	25.91	26.38	27.48	26.97	27.22	28.00	27.28	27.66
8	26.42	25.86	26.14	26.84	26.19	26.33	27.80	26.88	27.30	28.25	27.44	27.89
9	26.26	25.87	26.12	26.33	26.06	26.24	27.80	26.86	27.39	28.73	28.07	28.52
10	26.40	25.60	26.13	26.53	25.78	26.17	27.78	26.98	27.45	28.66	28.29	28.50
11	26.32	25.90	26.06	26.86	25.86	26.22	27.96	27.11	27.57	28.33	27.70	28.06
12	26.03	25.83	25.95	26.75	25.90	26.21	28.00	27.29	27.71	27.89	27.21	27.57
13	25.99	25.64	25.83	26.62	25.91	26.29	27.91	27.54	27.68	27.61	26.81	27.26
14	25.82	25.54	25.72	27.15	26.33	26.69	27.77	27.45	27.63	27.35	26.92	27.20
15	25.93	25.43	25.71	26.96	26.74	26.85	27.91	27.02	27.59	27.64	26.88	27.21
16	25.79	25.38	25.60	26.91	26.77	26.84	27.91	27.03	27.43	27.96	27.14	27.51
17	25.63	25.30	25.51	27.32	26.35	26.88	27.80	26.92	27.36	28.09	27.44	27.68
18	25.55	25.30	25.42	27.30	26.41	26.89	27.72	26.83	27.24	27.63	26.88	27.40
19	25.40	25.24	25.34	27.40	25.99	26.71	27.54	26.71	27.08	27.78	27.06	27.54
20	25.66	24.95	25.26	26.99	25.92	26.39	27.11	26.65	26.87	28.17	27.58	27.93
21	25.47	24.96	25.21	26.96	25.96	26.48	26.76	26.21	26.61	28.28	27.75	28.07
22	25.36	24.91	25.19	26.67	26.42	26.54	27.07	26.21	26.60	28.65	27.96	28.29
23	25.37	24.87	25.12	26.68	26.53	26.61	27.27	26.17	26.71	29.40	28.40	28.95
24	25.42	24.75	25.06	27.09	26.29	26.73	28.04	26.56	27.26	29.60	29.03	29.31
25	25.17	24.82	25.02	27.32	26.36	26.90	29.21	27.89	28.49	29.62	28.92	29.26
26	25.38	24.94	25.17	27.57	26.50	27.09	30.08	28.98	29.54	29.44	28.89	29.23
27	26.17	25.30	25.63	27.26	26.89	27.11	30.17	29.81	30.01	30.11	29.07	29.66
28	26.99	25.82	26.26	27.44	26.79	27.12	30.33	29.92	30.14	30.79	29.87	30.40
29	26.82	25.74	26.24	27.28	27.07	27.16	30.57	29.86	30.20	31.12	30.54	30.91
30	26.73	25.72	26.13	27.29	27.08	27.17	30.52	29.62	30.04	31.30	30.65	30.98
31	26.51	25.82	26.14	---	---	---	30.01	29.23	29.54	31.12	30.48	30.79
MONTH	26.99	24.75	25.78	27.57	25.78	26.58	30.57	26.17	27.82	31.30	26.81	28.51

02189005 RICHARD B. RUSSELL LAKE TAILRACE NEAR CALHOUN FALLS, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	30.75	30.16	30.48	30.69	29.99	30.36	29.12	28.41	28.79	32.05	31.50	31.75
2	30.46	29.80	30.21	30.31	29.29	29.88	29.38	28.70	29.08	32.49	31.72	32.18
3	30.89	29.96	30.37	29.79	29.02	29.43	30.14	29.05	29.57	32.84	32.32	32.63
4	33.10	30.66	31.91	29.31	28.57	29.02	30.80	29.98	30.53	33.20	32.61	32.97
5	34.86	32.91	33.94	28.85	28.03	28.61	31.23	30.79	31.04	33.12	32.51	32.88
6	35.37	34.78	35.13	28.43	27.61	28.12	31.40	30.90	31.21	32.89	32.02	32.48
7	35.37	34.80	35.11	27.98	27.71	27.87	31.38	30.86	31.20	32.48	31.68	32.07
8	34.90	34.18	34.56	29.33	27.82	28.33	31.45	30.86	31.17	32.86	32.00	32.35
9	34.36	33.54	34.01	31.30	29.33	30.33	31.68	31.02	31.36	33.37	32.64	32.98
10	33.85	32.92	33.38	32.64	31.06	31.94	32.35	31.36	31.95	33.74	33.21	33.43
11	33.21	32.22	32.75	33.09	32.42	32.80	32.77	32.34	32.56	34.09	33.34	33.76
12	32.47	31.50	32.05	33.01	32.23	32.63	32.86	32.00	32.42	33.75	33.08	33.54
13	31.87	30.91	31.41	32.64	32.02	32.33	32.59	32.11	32.29	33.46	32.81	33.19
14	31.11	30.34	30.72	32.19	31.57	31.86	32.79	32.35	32.56	33.03	32.37	32.74
15	30.34	29.49	29.92	31.57	30.97	31.30	32.93	32.37	32.70	32.63	32.00	32.36
16	30.07	29.48	29.79	31.13	30.28	30.77	32.84	32.12	32.52	32.12	31.50	31.82
17	30.57	29.99	30.29	30.67	30.01	30.35	32.51	31.71	32.12	31.50	30.82	31.15
18	30.74	30.41	30.60	30.23	29.55	29.88	32.29	31.60	31.99	31.20	30.57	30.85
19	30.93	30.69	30.81	29.82	29.22	29.56	32.24	31.58	32.03	31.20	30.40	30.87
20	30.96	30.78	30.87	30.00	29.38	29.73	32.03	31.46	31.74	31.20	30.56	30.89
21	31.02	30.85	30.93	29.93	29.32	29.63	32.09	31.35	31.67	31.15	30.65	30.88
22	31.39	30.91	31.04	29.75	29.14	29.46	31.99	31.35	31.66	30.93	30.29	30.69
23	31.38	31.08	31.25	29.52	28.88	29.30	31.98	31.31	31.70	30.58	30.03	30.34
24	31.57	30.99	31.37	29.59	28.78	29.30	31.94	31.35	31.71	30.11	29.67	29.90
25	31.58	31.19	31.37	29.54	28.87	29.28	31.87	31.34	31.59	29.67	29.17	29.48
26	---	---	---	29.59	28.80	29.31	31.43	30.81	31.25	29.37	28.75	29.10
27	---	---	---	29.42	28.86	29.22	31.22	30.86	31.02	29.02	28.37	28.79
28	31.29	30.68	30.97	29.33	28.77	29.00	31.33	30.67	30.95	28.92	28.35	28.63
29	---	---	---	28.77	28.31	28.54	31.13	30.70	30.96	29.00	28.36	28.67
30	---	---	---	28.58	28.13	28.32	31.50	31.05	31.25	28.73	28.47	28.61
31	---	---	---	28.80	28.12	28.50	---	---	---	28.61	28.41	28.53
MONTH	---	---	---	33.09	27.61	29.84	32.93	28.41	31.42	34.09	28.35	31.31

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.75	28.13	28.47	---	---	---	---	---	---	29.38	28.99	29.21
2	28.90	27.90	28.52	---	---	---	---	---	---	29.35	28.95	29.21
3	28.86	28.27	28.57	---	---	---	---	---	---	30.23	29.18	29.48
4	28.87	28.38	28.60	---	---	---	---	---	---	30.67	30.14	30.35
5	29.05	28.57	28.74	---	---	---	---	---	---	30.64	30.42	30.56
6	28.91	28.66	28.79	---	---	---	---	---	---	30.51	30.30	30.43
7	28.77	28.61	28.72	---	---	---	---	---	---	30.50	30.05	30.32
8	28.99	28.58	28.75	---	---	---	---	---	---	30.38	29.88	30.19
9	29.28	28.77	29.02	---	---	---	---	---	---	30.41	29.83	30.16
10	29.62	29.13	29.31	---	---	---	---	---	---	30.33	29.83	30.12
11	29.84	29.24	29.55	---	---	---	---	---	---	30.33	29.72	30.08
12	30.04	29.56	29.79	---	---	---	---	---	---	30.15	29.88	30.00
13	---	---	---	---	---	---	---	---	---	29.93	29.62	29.85
14	---	---	---	---	---	---	---	---	---	29.95	29.49	29.75
15	---	---	---	---	---	---	---	---	---	29.96	29.42	29.76
16	---	---	---	---	---	---	---	---	---	29.96	29.53	29.77
17	---	---	---	---	---	---	---	---	---	30.02	29.55	29.77
18	---	---	---	---	---	---	---	---	---	29.80	29.49	29.70
19	---	---	---	---	---	---	---	---	---	29.69	29.49	29.62
20	---	---	---	---	---	---	29.99	29.37	29.71	29.55	29.39	29.49
21	---	---	---	---	---	---	29.93	29.41	29.68	29.62	29.20	29.44
22	---	---	---	---	---	---	29.77	29.48	29.64	29.72	29.05	29.42
23	---	---	---	---	---	---	29.61	29.37	29.50	29.51	29.21	29.39
24	---	---	---	---	---	---	29.50	29.19	29.37	29.57	29.20	29.38
25	---	---	---	---	---	---	29.61	29.01	29.38	29.42	29.04	29.29
26	---	---	---	---	---	---	29.60	29.14	29.40	29.30	29.10	29.22
27	---	---	---	---	---	---	29.61	29.11	29.41	29.15	28.97	29.08
28	---	---	---	---	---	---	29.69	29.30	29.47	29.21	28.66	28.97
29	---	---	---	---	---	---	29.54	29.22	29.43	29.12	28.72	28.95
30	---	---	---	---	---	---	29.45	29.10	29.28	29.11	28.73	28.94
31	---	---	---	---	---	---	29.45	28.82	29.23	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	30.67	28.66	29.66

SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	115	169	205	276	345	270	1960	160	89	66	38
2	44	124	142	188	253	298	294	715	149	87	72	36
3	42	109	126	181	1220	277	884	425	149	82	60	50
4	41	97	191	176	4610	259	1580	476	151	80	56	151
5	42	89	200	171	5340	250	631	457	255	90	55	118
6	41	90	160	172	1680	256	404	333	277	98	53	67
7	40	95	141	179	686	335	353	515	198	83	52	55
8	40	107	132	1220	504	2160	334	2030	164	84	58	51
9	39	95	138	839	404	4240	2130	1230	157	82	86	47
10	39	89	188	352	342	2520	2670	529	243	76	74	45
11	39	85	208	268	304	709	665	450	210	72	71	43
12	40	92	175	230	291	516	430	343	185	69	62	43
13	39	143	153	215	266	409	365	296	158	68	57	43
14	41	436	143	207	245	359	391	273	142	65	55	42
15	42	254	134	282	232	325	458	259	132	62	56	42
16	43	171	127	1050	236	299	366	246	126	62	64	41
17	43	135	123	1020	622	283	659	237	124	62	77	40
18	45	124	121	440	766	279	2040	224	120	61	87	39
19	63	115	118	733	429	289	1150	214	121	63	68	40
20	74	108	115	691	335	293	1260	205	137	99	59	40
21	59	124	115	375	291	273	708	200	128	113	53	41
22	52	348	158	351	276	256	987	193	118	75	49	43
23	53	328	246	1070	588	246	976	190	112	69	47	53
24	52	205	2320	685	471	245	616	186	104	75	45	45
25	55	161	4320	389	331	248	449	184	123	80	43	41
26	954	141	2030	310	289	239	377	180	121	85	41	40
27	1820	130	644	1470	367	239	337	174	104	93	39	39
28	422	121	497	1560	473	242	312	182	101	79	38	38
29	192	118	360	632	---	242	296	173	94	74	36	41
30	141	147	293	378	---	243	995	166	89	68	36	51
31	116	---	241	314	---	247	---	165	---	65	37	---
TOTAL	4801	4496	14228	16353	22127	17421	23387	13410	4452	2410	1752	1503
MEAN	155	150	459	528	790	562	780	433	148	77.7	56.5	50.1
MAX	1820	436	4320	1560	5340	4240	2670	2030	277	113	87	151
MIN	39	85	115	171	232	239	270	165	89	61	36	36
CFSM	.71	.69	2.12	2.43	3.64	2.59	3.59	1.99	.68	.36	.26	.23
IN.	.82	.77	2.44	2.80	3.79	2.99	4.01	2.30	.76	.41	.30	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1998, BY WATER YEAR (WY)

	MEAN	104	165	207	318	390	463	301	186	125	139	131	86.5
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	

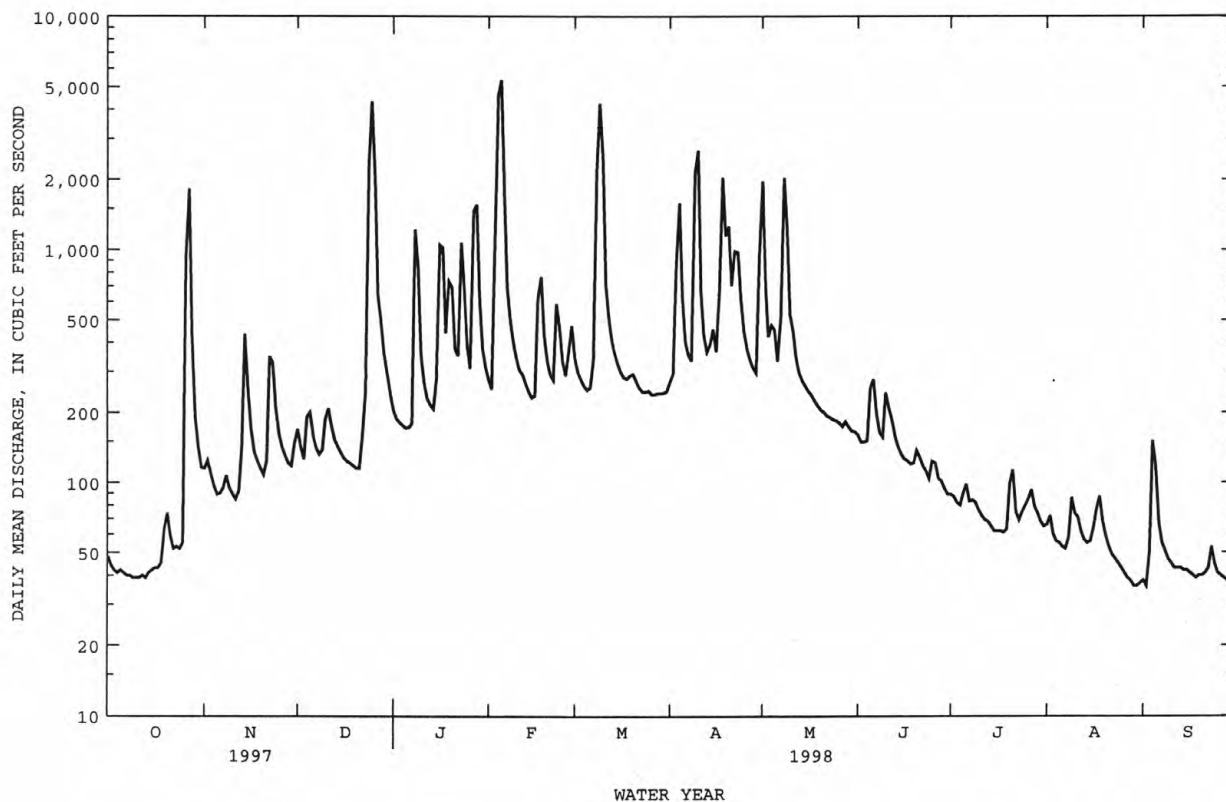
SAVANNAH RIVER BASIN

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02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1940 - 1998
ANNUAL TOTAL	97861	126340	217
ANNUAL MEAN	268	346	456
HIGHEST ANNUAL MEAN			1964
LOWEST ANNUAL MEAN			51.7
HIGHEST DAILY MEAN	4920 Mar 1	5340 Feb 5	15200 Aug 14 1940
LOWEST DAILY MEAN	22 Sep 23	36 * Aug 29	1.0 Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	26 Sep 17	37 Aug 27	1.1 Aug 27 1988
INSTANTANEOUS PEAK FLOW		7610 Feb 5	20800 Aug 14 1940
INSTANTANEOUS PEAK STAGE		20.74 Feb 5	29.60 Aug 14 1940
INSTANTANEOUS LOW FLOW		21 Oct 6	.70 Oct 9 1954
ANNUAL RUNOFF (CFSM)	1.24	1.60	1.00
ANNUAL RUNOFF (INCHES)	16.78	21.66	13.57
10 PERCENT EXCEEDS	423	708	381
50 PERCENT EXCEEDS	143	164	109
90 PERCENT EXCEEDS	39	43	39

* Also occurred on Aug. 30, Sept. 2.



SAVANNAH RIVER BASIN

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 mi².

PERIOD OF DAILY RECORD.-- February 1998 to September 1998.

GAGE.--Data collection platform. Datum of gage is 475 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	---	---	---	---	---	3.4	5.3	38	2.2	2.1	1.3	1.1
2	---	---	---	---	---	3.3	3.9	7.9	2.1	2.0	1.2	1.1
3	---	---	---	---	---	2.9	43	7.8	2.0	1.9	1.1	25
4	---	---	---	---	---	2.7	14	5.6	9.2	2.0	1.1	2.2
5	---	---	---	---	---	3.1	5.3	4.7	3.0	2.0	1.4	1.3
6	---	---	---	---	---	2.4	4.0	4.1	2.5	1.8	1.1	1.2
7	---	---	---	---	---	11	3.7	10	2.5	1.8	1.8	1.3
8	---	---	---	---	---	82	9.6	24	2.4	2.0	3.0	1.3
9	---	---	---	---	---	24	35	6.5	9.5	1.7	1.8	1.3
10	---	---	---	---	---	6.2	6.7	7.6	5.6	1.7	1.4	1.3
11	---	---	---	---	---	4.2	5.6	6.3	2.9	1.8	1.3	1.3
12	---	---	---	---	---	3.5	5.1	5.4	2.6	1.6	1.2	1.3
13	---	---	---	---	---	3.4	4.6	4.9	2.6	1.6	1.2	1.3
14	---	---	---	---	---	3.4	9.9	4.6	2.5	1.6	1.2	1.3
15	---	---	---	---	---	4.0	4.9	4.3	2.4	1.6	1.2	1.3
16	---	---	---	---	---	3.3	4.4	4.0	2.7	1.6	4.7	1.3
17	---	---	---	---	---	3.4	4.9	3.6	2.4	1.6	1.6	1.3
18	---	---	---	---	---	4.4	4.7	3.4	2.3	1.6	1.3	1.3
19	---	---	---	---	---	5.3	10	3.0	14	1.5	1.2	1.4
20	---	---	---	---	4.6	4.4	5.5	2.9	2.5	1.4	2.7	1.3
21	---	---	---	---	4.5	4.3	9.0	2.7	2.2	1.4	1.2	1.5
22	---	---	---	---	7.4	4.2	22	2.6	2.2	1.5	1.2	e1.3
23	---	---	---	---	14	4.5	8.2	2.6	2.2	1.6	1.1	e1.3
24	---	---	---	---	4.8	4.7	6.2	2.6	2.2	1.6	1.1	e1.3
25	---	---	---	---	4.1	4.6	5.2	2.5	2.3	1.8	1.1	e1.3
26	---	---	---	---	3.8	5.4	4.7	2.4	2.2	1.4	1.1	e1.2
27	---	---	---	---	6.7	4.7	4.4	2.4	2.1	5.8	1.1	e1.2
28	---	---	---	---	3.7	4.4	4.0	2.3	2.0	2.0	1.5	e1.2
29	---	---	---	---	---	4.4	3.8	2.3	2.0	1.4	1.0	e1.5
30	---	---	---	---	---	4.3	36	2.3	3.0	1.3	1.1	e1.7
31	---	---	---	---	---	4.4	---	2.3	---	1.4	2.0	---
TOTAL	---	---	---	---	---	230.2	293.6	185.6	100.3	56.1	46.3	63.7
MEAN	---	---	---	---	---	7.43	9.79	5.99	3.34	1.81	1.49	2.12
MAX	---	---	---	---	---	82	43	38	14	5.8	4.7	25
MIN	---	---	---	---	---	2.4	3.7	2.3	2.0	1.3	1.0	1.1

SAVANNAH RIVER BASIN

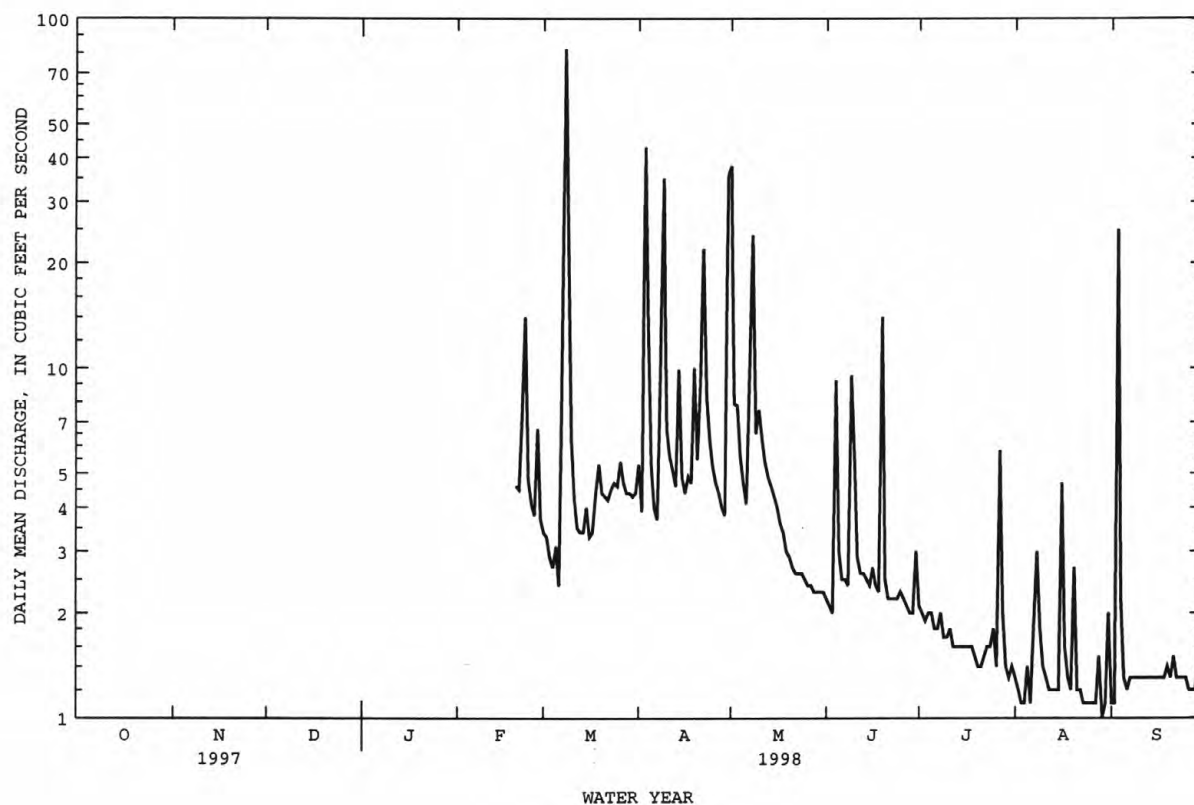
411

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	7.43	9.79	5.99	3.34	1.81	1.49	2.12
MAX	---	---	---	---	---	7.43	9.79	5.99	3.34	1.81	1.49	2.12
(WY)	---	---	---	---	---	1998	1998	1998	1998	1998	1998	1998
MIN	---	---	---	---	---	7.43	9.79	5.99	3.34	1.81	1.49	2.12
(WY)	---	---	---	---	---	1998	1998	1998	1998	1998	1998	1998

e Estimated



SAVANNAH RIVER BASIN

02194500 THURMOND LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, 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 mi², 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 ft³ 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 ft³. 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, 335.56 ft, Feb. 6; minimum elevation, 324.86 ft, Oct. 26.

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	326.34	326.36	327.89	329.35	330.58	330.31	329.07	332.15	328.69	331.10	330.09	329.53
2	326.38	326.37	327.93	328.87	330.43	329.91	329.38	332.54	328.71	331.08	329.97	329.50
3	326.42	326.47	328.02	328.58	331.26	329.43	330.41	332.86	328.81	331.10	329.93	330.45
4	326.29	326.46	327.96	328.30	333.32	328.99	331.01	333.27	328.82	331.00	329.96	330.88
5	326.21	326.50	327.96	328.08	335.10	328.57	331.30	332.88	329.09	330.88	329.98	330.79
6	326.22	326.56	327.89	327.97	335.53	328.11	331.38	332.41	328.98	330.89	329.99	330.64
7	326.17	326.68	327.82	327.92	335.15	328.04	331.32	332.16	328.88	330.89	330.06	330.57
8	326.16	326.54	327.90	328.58	334.60	329.48	331.31	332.97	329.15	331.00	329.94	330.51
9	326.11	326.46	328.00	328.91	333.96	331.47	331.90	333.43	329.39	330.93	329.86	330.44
10	326.07	326.52	328.13	328.60	333.29	332.79	332.40	333.86	329.72	330.94	329.91	330.41
11	325.97	326.49	328.21	328.07	332.70	333.14	332.85	333.95	329.96	330.82	329.94	330.35
12	325.84	326.52	328.27	327.65	332.01	332.70	332.52	333.60	330.20	330.69	330.05	330.22
13	325.77	326.74	328.21	327.40	331.33	332.31	332.39	333.21	330.37	330.68	330.02	330.06
14	325.74	327.07	328.15	327.47	330.61	331.76	332.92	332.76	330.61	330.65	330.09	330.02
15	325.61	327.15	328.02	327.65	329.79	331.17	332.91	332.32	330.72	330.66	329.98	330.03
16	325.54	327.10	327.90	327.98	330.19	330.76	332.46	331.65	330.93	330.73	329.89	330.07
17	325.44	327.12	327.82	327.83	330.57	330.32	332.17	331.01	331.05	330.77	329.92	330.05
18	325.37	327.17	327.67	327.55	330.90	329.93	332.30	331.03	331.20	330.63	330.01	329.98
19	325.25	327.20	327.45	328.01	331.06	329.85	332.03	331.02	331.35	330.46	330.02	329.84
20	325.20	327.24	327.20	328.25	331.08	329.95	332.05	331.05	331.28	330.45	329.96	329.72
21	325.15	327.35	326.98	328.45	331.17	329.80	331.80	331.06	331.16	330.45	329.97	329.68
22	325.10	327.32	327.08	328.83	331.32	329.61	331.94	330.68	331.15	330.44	329.87	329.68
23	325.02	327.42	327.20	329.60	331.66	329.49	331.96	330.31	331.13	330.45	329.70	329.63
24	324.96	327.58	328.35	329.64	331.74	329.45	331.91	329.88	331.10	330.48	329.69	329.60
25	324.90	327.67	329.47	329.32	331.63	329.51	331.55	329.48	331.14	330.41	329.71	329.56
26	325.28	327.82	330.33	329.56	331.48	329.47	331.24	329.13	331.27	330.26	329.71	329.42
27	325.87	327.78	330.54	330.40	331.43	329.41	331.17	328.81	331.20	330.31	329.72	329.28
28	326.26	327.82	330.55	330.94	330.84	328.94	331.04	328.79	331.13	330.33	329.76	329.22
29	326.33	327.82	330.62	331.24	---	328.45	331.10	328.84	331.10	330.34	329.64	329.24
30	326.35	327.87	330.24	331.31	---	328.53	331.56	328.76	331.14	330.32	329.56	329.22
31	326.41	---	329.83	330.89	---	328.74	---	328.65	---	330.25	329.54	---
MAX	326.42	327.87	330.62	331.31	335.53	333.14	332.92	333.95	331.35	331.10	330.09	330.88
MIN	324.90	326.36	326.98	327.40	329.79	328.04	329.07	328.65	328.69	330.25	329.54	329.22
(+)	47.42	51.88	57.85	61.36	61.22	54.53	63.67	54.25	62.24	59.22	56.97	55.99
(*)	-48.5	+1721	+2229	+1322	-70.3	-2498	+3526	-3517	+3083	-1128	-840	-378

CAL YR 1997 * +76.4 MAX 332.01 MIN 324.90
WTR YR 1998 * +268 MAX 335.53 MIN 324.90

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

(*) CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.

SAVANNAH RIVER BASIN

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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 mi², 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 elevation, 16.06 ft, Feb. 7, 1998; minimum elevation, 2.10 ft, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 16.06 ft, Feb. 7; minimum elevation, 2.68 ft, May 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.68	4.58	6.87	8.56	4.21	5.69	9.74	6.08	7.23	13.37	10.62	12.71
2	9.44	5.17	6.65	7.98	4.65	5.88	9.16	5.75	6.92	13.49	10.52	12.82
3	9.86	4.84	6.45	9.75	5.23	6.63	9.31	5.71	6.98	12.94	7.64	10.90
4	9.93	4.45	6.45	9.47	4.78	6.27	9.66	5.37	7.18	12.28	6.88	10.65
5	8.40	4.89	6.42	9.48	4.23	5.81	9.49	5.27	7.06	12.24	7.96	11.07
6	11.96	4.62	6.96	9.15	3.98	5.54	8.78	5.26	6.41	11.85	7.07	10.06
7	9.46	4.05	6.81	10.35	4.66	6.25	8.55	5.42	6.29	11.73	6.30	9.52
8	11.22	4.03	6.91	8.55	5.34	6.09	9.17	5.10	6.44	10.93	5.34	7.12
9	9.64	4.48	6.54	7.99	4.84	5.96	8.83	5.28	6.43	12.58	4.23	9.06
10	10.38	4.31	6.49	10.50	5.19	6.63	8.55	5.28	6.31	13.08	11.82	12.35
11	9.72	4.05	5.85	9.73	5.13	6.60	8.83	5.21	6.34	13.19	11.92	12.40
12	9.17	3.86	5.88	9.69	5.52	6.58	9.36	5.43	6.74	13.26	11.96	12.54
13	11.45	3.89	6.66	10.45	5.50	7.25	9.80	5.59	7.17	13.03	8.49	11.69
14	10.35	4.32	6.23	11.58	6.55	8.02	9.54	5.60	6.92	12.80	8.90	11.30
15	11.20	4.16	6.62	10.68	6.03	7.37	10.82	5.20	8.37	13.12	8.56	11.26
16	9.88	4.80	6.31	8.14	4.26	5.64	11.53	6.70	9.40	13.25	8.83	11.48
17	9.98	4.63	6.28	10.84	3.82	6.85	11.78	7.01	9.45	13.50	7.49	11.55
18	8.00	4.94	6.17	11.51	5.85	7.67	11.73	6.86	9.43	13.36	7.03	11.25
19	8.70	4.51	6.14	11.06	5.43	6.80	12.50	6.73	9.85	11.46	6.89	9.74
20	9.63	5.41	6.43	10.53	4.41	6.42	12.18	6.07	8.62	13.17	6.68	10.87
21	9.41	5.67	6.97	10.00	4.92	6.26	11.81	5.35	7.98	13.21	7.31	11.22
22	10.30	5.62	6.99	8.45	4.33	5.56	12.18	5.79	8.65	13.39	6.68	11.07
23	10.87	6.28	7.68	7.51	4.65	5.71	12.54	6.24	8.61	10.15	7.04	9.21
24	10.90	5.60	7.16	8.27	4.96	6.04	13.17	6.39	9.07	12.49	6.75	9.55
25	9.84	3.90	5.47	9.17	5.34	6.62	10.56	7.46	8.92	13.40	6.42	11.12
26	10.96	3.89	5.72	9.53	5.18	6.66	12.13	6.92	9.12	13.34	7.08	11.40
27	11.70	6.45	8.06	9.15	5.18	6.42	11.30	5.35	7.65	13.54	7.27	11.50
28	11.70	5.59	7.30	8.35	4.99	6.08	10.88	5.22	7.30	13.53	7.46	11.66
29	9.96	4.30	6.19	8.36	4.57	5.70	11.69	5.55	8.40	13.24	8.40	11.77
30	9.64	4.38	6.18	8.87	5.10	6.08	13.48	7.38	12.22	13.19	7.99	11.89
31	9.25	4.14	5.58	---	---	---	13.47	10.84	12.67	13.20	9.81	12.43
MONTH	11.96	3.86	6.53	11.58	3.82	6.37	13.48	5.10	8.07	13.54	4.23	11.07

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.23	9.96	12.53	13.30	13.25	13.27	11.46	5.34	9.21	13.15	13.04	13.09
2	13.30	10.00	12.45	13.53	13.26	13.30	10.27	5.45	8.24	13.12	12.41	13.02
3	13.21	8.67	10.56	13.36	13.26	13.31	10.65	5.10	7.77	13.03	11.33	12.55
4	13.92	8.60	11.42	13.38	13.31	13.34	11.90	6.96	8.44	12.82	10.90	11.97
5	13.12	7.24	9.15	13.41	13.35	13.38	11.52	6.36	7.93	12.98	11.99	12.61
6	15.86	8.42	14.60	13.46	13.39	13.42	12.10	5.76	8.54	12.95	12.80	12.91
7	16.06	15.84	15.98	13.44	6.51	9.75	12.36	5.89	9.44	13.03	11.51	12.75
8	16.05	11.40	14.79	12.10	6.24	8.52	12.25	6.11	9.04	11.51	6.31	8.54
9	15.27	14.79	15.16	10.66	7.62	8.73	13.02	7.28	10.52	6.40	5.38	6.07
10	15.29	14.78	15.19	9.00	7.13	7.60	13.13	7.13	11.59	5.38	3.70	4.36
11	15.52	14.87	15.14	12.78	6.49	9.74	13.15	13.02	13.09	12.57	3.31	7.59
12	15.08	14.90	14.95	13.47	12.78	13.13	13.07	13.00	13.03	13.30	12.57	13.03
13	15.08	14.91	14.96	13.42	13.14	13.19	13.17	13.00	13.10	13.18	13.13	13.16
14	15.00	14.92	14.96	13.19	13.13	13.16	13.19	7.35	11.44	13.18	13.12	13.15
15	15.01	13.66	14.73	13.23	13.16	13.20	12.04	6.33	9.93	13.20	13.15	13.17
16	13.66	8.30	9.36	13.49	13.19	13.25	13.23	9.30	12.29	13.26	13.17	13.21
17	13.21	8.29	10.80	13.52	13.21	13.29	13.03	12.33	12.89	13.32	13.22	13.26
18	13.54	13.21	13.30	13.45	13.26	13.31	13.22	12.99	13.14	13.23	5.08	8.32
19	13.37	12.19	12.83	13.58	5.99	10.80	13.24	13.11	13.18	10.56	3.85	6.83
20	13.40	13.02	13.16	12.81	5.33	8.34	13.18	13.03	13.09	10.56	3.97	6.57
21	13.18	12.59	12.71	13.31	12.81	13.19	13.22	13.02	13.08	11.53	3.55	6.65
22	12.73	12.58	12.63	13.33	13.27	13.30	13.26	13.05	13.08	12.90	5.38	10.41
23	13.53	12.68	13.13	13.71	11.59	13.21	13.19	12.99	13.05	12.87	7.32	10.33
24	13.13	11.20	12.21	11.59	10.74	10.97	13.20	12.96	13.01	12.68	9.36	10.65
25	13.44	13.12	13.21	10.89	8.35	9.80	12.98	7.53	11.03	12.62	9.32	10.49
26	13.24	13.16	13.21	10.88	10.44	10.64	12.71	6.87	10.70	12.55	9.43	10.56
27	13.27	13.19	13.23	10.83	10.64	10.68	12.73	7.05	10.62	12.88	8.52	10.75
28	13.28	13.21	13.24	10.85	10.64	10.69	12.93	6.22	10.90	11.14	4.09	6.80
29	---	---	---	10.73	10.64	10.68	13.15	12.93	13.08	11.26	2.68	5.69
30	---	---	---	10.70	7.69	9.60	13.15	13.04	13.10	11.27	3.33	6.23
31	---	---	---	10.14	7.14	9.17	---	---	---	10.02	4.27	6.44
MONTH	16.06	7.24	13.20	13.71	5.33	11.55	13.26	5.10	11.25	13.32	2.68	10.04

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.30	3.90	6.51	10.98	4.11	6.39	10.50	4.10	6.38	10.23	3.79	6.45
2	11.70	4.06	6.98	11.52	3.40	6.43	11.09	3.97	6.18	8.77	4.12	5.98
3	10.87	4.01	6.39	9.61	4.22	5.92	11.18	3.85	6.42	7.55	3.55	5.20
4	11.74	3.94	7.22	11.15	4.08	6.11	9.08	4.00	5.88	8.62	6.55	7.74
5	11.46	4.28	6.85	10.75	3.99	6.16	10.07	3.28	5.52	11.59	4.29	6.68
6	10.85	4.40	6.31	11.02	3.95	6.32	10.54	3.40	5.88	11.35	3.56	6.27
7	11.05	3.82	6.02	10.99	4.07	6.36	10.43	3.77	6.01	11.14	3.54	6.09
8	11.60	4.04	6.36	10.72	3.89	6.25	11.45	3.74	6.29	11.61	3.81	6.63
9	11.72	3.72	6.29	11.38	3.87	6.60	10.78	4.08	6.50	11.08	3.73	6.45
10	11.69	4.08	6.63	10.33	4.25	6.56	9.01	4.34	6.47	10.40	3.54	6.20
11	11.72	4.41	6.59	10.19	4.30	6.19	10.99	4.24	6.18	10.97	3.93	6.36
12	11.52	3.88	6.49	10.40	3.91	5.91	10.94	3.95	6.01	11.42	4.09	6.47
13	10.97	4.17	6.55	10.01	3.87	6.28	10.40	4.21	6.17	10.90	3.95	6.46
14	10.99	4.12	6.60	11.33	4.03	6.64	11.70	4.28	6.58	9.66	4.39	6.83
15	12.15	3.76	7.07	10.87	3.60	6.29	10.86	4.05	6.09	9.80	4.30	6.57
16	11.78	3.58	6.91	9.53	4.14	6.28	11.17	3.58	5.75	9.79	4.32	6.86
17	11.95	3.72	7.09	10.45	3.97	6.54	8.48	3.89	6.19	9.79	4.33	6.49
18	11.95	4.00	7.23	7.59	3.91	5.72	10.25	3.59	6.13	9.80	3.85	6.67
19	11.86	4.18	7.15	9.47	4.00	6.44	10.29	3.81	6.07	9.61	4.19	6.20
20	10.68	4.31	6.73	10.58	4.28	6.85	10.39	4.30	6.41	9.82	4.18	6.13
21	11.64	3.68	6.41	10.94	4.55	6.94	9.31	4.14	6.36	9.97	3.61	6.41
22	10.87	3.98	6.57	10.73	4.00	6.66	11.46	3.63	6.45	9.72	3.52	6.28
23	9.73	3.95	6.18	11.50	4.21	6.79	11.50	4.08	6.83	9.86	3.80	6.38
24	11.68	4.09	6.75	11.00	3.91	6.39	11.23	4.17	6.63	9.84	3.97	6.45
25	11.05	4.68	7.08	7.94	3.86	5.91	11.40	3.92	6.47	9.86	4.06	6.66
26	11.31	3.12	6.26	10.23	4.10	6.14	11.75	4.28	6.77	9.19	4.42	6.23
27	11.10	3.38	6.00	10.97	3.90	6.30	10.59	4.77	6.75	9.30	4.16	6.17
28	11.56	3.58	6.43	11.28	3.51	6.22	10.42	4.67	6.93	10.08	3.99	6.71
29	10.79	4.31	6.79	10.85	3.79	6.46	11.83	4.38	7.20	9.74	3.94	6.59
30	11.46	3.84	6.58	11.31	3.85	6.63	11.86	4.52	7.25	10.09	4.00	6.83
31	---	---	---	11.04	3.90	6.71	9.04	4.58	6.46	---	---	---
MONTH	12.15	3.12	6.63	11.52	3.40	6.37	11.86	3.28	6.36	11.61	3.52	6.4

SAVANNAH RIVER BASIN

415

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 mi².

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 197.34 ft above sea level (levels by Southeastern Power Administration). 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	97	1000	407	475	610	267	1670	101	26	18	7.1
2	44	175	459	332	405	438	270	867	88	24	16	7.1
3	34	290	270	311	2140	356	1540	405	77	25	17	887
4	30	168	206	295	10700	310	6440	422	72	26	17	3970
5	27	112	187	279	12300	283	2980	415	201	23	14	664
6	25	90	168	280	4080	284	848	297	242	21	12	206
7	24	77	139	294	1140	627	569	330	155	20	11	109
8	22	73	123	701	802	5610	450	8890	112	23	11	71
9	20	83	135	1040	630	16300	2840	3830	107	20	13	51
10	19	77	217	536	509	8590	2160	850	269	19	18	39
11	19	68	299	381	435	1510	892	749	293	17	48	32
12	20	64	294	327	404	873	522	529	223	18	37	29
13	20	220	308	295	364	681	410	382	144	17	24	26
14	19	4860	245	298	326	577	366	313	106	15	37	24
15	22	1860	200	438	297	503	566	275	86	14	23	22
16	80	449	168	2420	281	439	477	249	73	14	22	21
17	84	275	149	1860	1050	397	379	224	64	20	20	20
18	55	194	132	825	1190	423	366	203	58	27	32	18
19	50	160	121	2100	626	3720	493	180	58	31	40	18
20	49	140	113	1900	438	2320	443	162	65	32	96	17
21	56	126	108	832	357	945	396	149	90	22	46	22
22	52	166	400	722	341	630	525	139	85	18	28	22
23	43	275	1070	5570	1960	484	576	130	67	15	19	24
24	41	201	3890	2520	1590	411	448	123	57	16	14	33
25	41	152	7880	1100	736	389	355	116	51	42	12	29
26	545	128	2540	724	496	356	291	109	45	36	11	23
27	2200	115	1060	3400	611	329	247	106	40	31	9.6	20
28	540	107	1140	5490	959	311	220	102	36	46	8.9	20
29	234	102	713	1700	---	295	199	91	33	36	8.5	19
30	152	286	814	822	---	282	316	88	29	29	8.1	21
31	114	---	556	605	---	270	---	133	---	22	7.9	---
TOTAL	4741	11190	25104	38804	45642	49553	26851	22528	3127	745	699.0	6471.2
MEAN	153	373	810	1252	1630	1598	895	727	104	24.0	22.5	216
MAX	2200	4860	7880	5570	12300	16300	6440	8890	293	46	96	3970
MIN	19	64	108	279	281	270	199	88	29	14	7.9	7.1
CFSM	.28	.68	1.49	2.30	2.99	2.93	1.64	1.33	.19	.04	.04	.40
IN.	.32	.76	1.71	2.65	3.12	3.38	1.83	1.54	.21	.05	.05	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1998, BY WATER YEAR (WY)

	MEAN	204	242	399	770	892	1051	621	284	197	186	191	96.0
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	15.7	1.05	
(WY)	1955	1955	1955	1956	1957	1985	1986	1941	1956	1990	1993	1954	

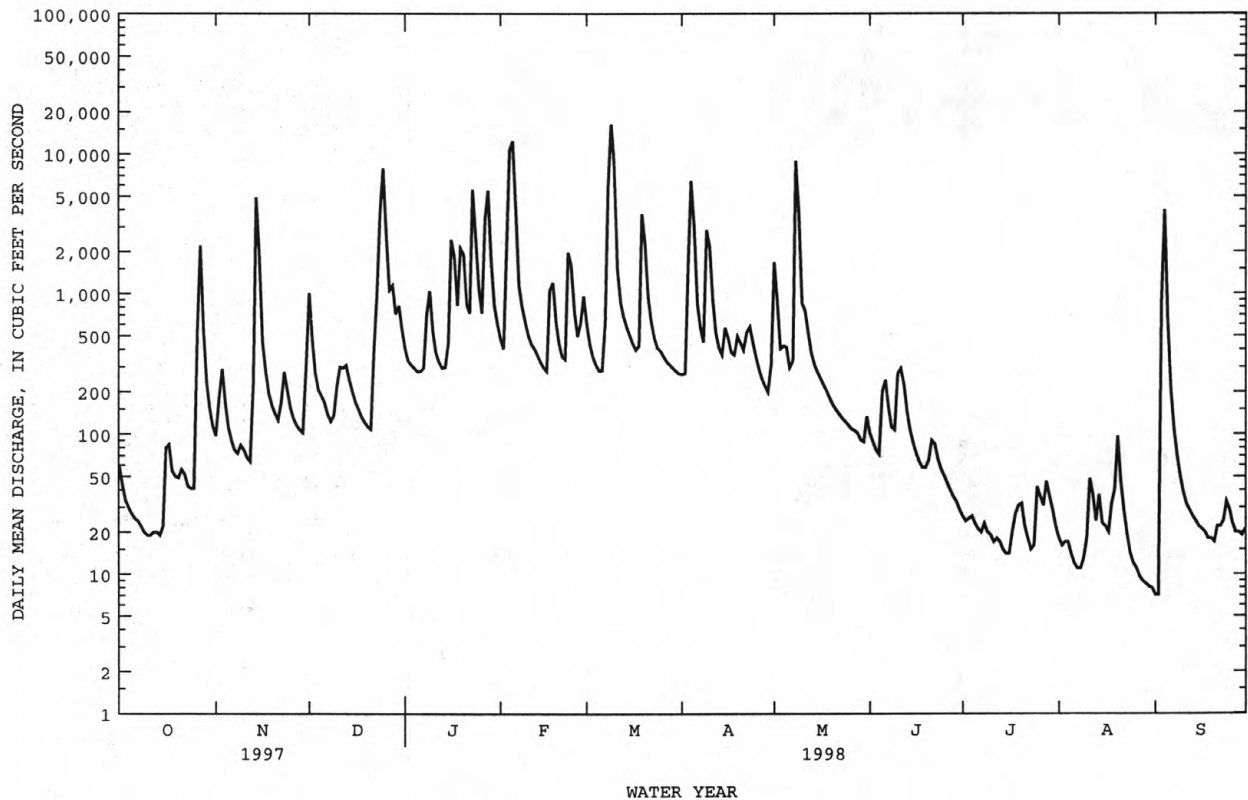
SAVANNAH RIVER BASIN

02196000 STEVENS CREEK NEAR MODOC, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	162731.7		235455.2		420	
ANNUAL MEAN	446		645		959	
HIGHEST ANNUAL MEAN					119	
LOWEST ANNUAL MEAN					1964	
HIGHEST DAILY MEAN	9260	Feb 15	16300	Mar 9	31700	Aug 14 1940
LOWEST DAILY MEAN	7.2	Sep 24	7.1 **	Sep 1	.00 *	Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	8.5	Sep 18	8.2	Aug 27	.00	Sep 24 1954
INSTANTANEOUS PEAK FLOW			17900	Mar 9	35100	Aug 14 1940
INSTANTANEOUS PEAK STAGE			30.92	Mar 9	41.08	Aug 14 1940
ANNUAL RUNOFF (CFSM)	.82		1.18		.77	
ANNUAL RUNOFF (INCHES)	11.11		16.07		10.47	
10 PERCENT EXCEEDS	960		1320		835	
50 PERCENT EXCEEDS	152		180		110	
90 PERCENT EXCEEDS	21		19		16	

* Also occurred on many days in Sept., Oct., Nov., 1954.

** Also occurred on Sept. 2.



SAVANNAH RIVER BASIN

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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 mi².

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, 74.80 ft, Feb. 7; minimum, 68.42 ft, June 26.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.29	70.45	72.15	73.98	73.40	73.60	71.92	73.55	70.88	70.52	70.90	70.53
2	71.42	70.81	71.79	74.09	73.38	73.60	71.67	73.52	71.09	70.48	70.78	70.66
3	71.31	71.43	71.85	73.54	73.02	73.60	71.49	73.38	70.90	70.75	70.53	70.45
4	71.20	70.78	71.49	73.14	73.91	73.62	72.70	73.21	70.67	70.81	70.60	73.28
5	71.46	70.12	71.46	73.27	73.32	73.62	72.32	73.34	71.21	70.81	69.97	71.18
6	71.27	70.35	71.25	72.78	74.20	73.60	71.82	73.41	70.97	70.77	70.31	70.41
7	70.88	71.16	71.45	72.44	74.72	72.51	72.19	73.39	70.70	70.73	70.44	70.31
8	70.73	71.04	71.23	71.58	74.49	72.58	72.09	72.72	70.97	70.67	70.67	70.63
9	70.95	71.06	71.40	71.62	74.44	73.58	73.16	71.86	70.75	70.84	70.90	70.50
10	70.96	71.38	71.30	73.86	74.28	73.09	73.20	70.35	71.13	70.99	71.07	70.49
11	70.58	71.32	71.21	73.90	74.20	73.18	73.59	70.58	71.17	70.98	70.88	70.56
12	70.53	71.53	71.63	73.97	74.07	73.54	73.53	74.10	70.81	70.52	70.70	70.79
13	70.67	71.80	71.98	73.67	74.08	73.60	73.52	74.15	70.93	70.67	70.85	70.68
14	70.90	72.96	71.86	73.40	74.06	73.57	73.42	74.11	70.94	70.81	71.00	71.14
15	70.78	72.08	72.16	73.39	74.04	73.55	72.66	74.11	70.83	70.59	70.60	70.76
16	71.26	70.33	72.91	73.80	72.61	73.57	73.12	74.13	70.80	70.76	70.30	71.06
17	71.17	70.70	73.15	73.73	72.64	73.59	73.44	74.15	70.98	70.91	70.60	70.71
18	71.23	72.06	72.93	73.49	73.71	73.59	73.61	71.97	71.05	70.35	70.14	70.63
19	71.14	71.35	73.00	73.16	73.45	73.49	73.63	70.58	71.25	70.77	70.36	70.79
20	71.42	70.74	72.21	73.39	73.49	71.66	73.56	70.49	71.10	71.07	70.70	70.82
21	72.10	71.19	71.29	73.40	73.43	73.51	73.52	70.64	70.61	71.25	70.78	70.34
22	71.80	70.46	71.94	73.19	73.39	73.61	73.52	72.35	70.86	70.77	70.66	70.30
23	72.41	70.78	72.23	73.25	73.64	73.63	73.50	72.72	70.63	70.86	70.99	70.46
24	71.83	71.09	72.84	73.14	73.51	73.05	73.48	73.03	70.88	70.69	70.78	70.54
25	70.29	71.40	73.30	73.12	73.63	72.51	73.31	72.96	71.28	70.57	70.72	70.81
26	70.52	71.55	72.75	73.44	73.62	72.73	72.74	72.96	70.35	70.81	70.99	70.92
27	72.87	71.39	71.36	73.62	73.68	72.78	72.70	72.95	70.43	70.61	71.20	70.77
28	71.60	71.09	71.15	73.76	73.63	72.77	72.65	71.04	70.50	70.34	71.26	70.69
29	70.19	70.82	71.82	73.31	---	72.77	73.42	69.98	70.97	70.56	71.36	70.63
30	70.43	71.24	73.71	73.15	---	72.49	73.48	70.54	70.63	70.71	71.39	70.82
31	70.21	---	74.05	73.34	---	72.20	---	70.97	---	70.72	71.01	---
MAX	72.87	72.96	74.05	74.09	74.72	73.63	73.63	74.15	71.28	71.25	71.39	73.28
MIN	70.19	70.12	71.15	71.58	72.61	71.66	71.49	69.98	70.35	70.34	69.97	70.30

SAVANNAH RIVER BASIN

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 mi².

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 gage height, 49.61 ft, Oct. 12, 1990; minimum gage height, 40.75 ft, Nov. 16, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 48.30 ft, Feb. 4; minimum gage height, 42.25 ft, May 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.29	43.96	44.42	46.50	46.53	46.67	45.11	46.64	43.90	44.08	43.82	44.03
2	44.31	43.96	44.31	46.56	46.49	46.64	44.87	46.61	44.00	44.08	43.76	43.93
3	43.96	44.12	44.22	45.91	46.22	46.61	44.84	46.39	43.90	43.74	43.94	43.69
4	43.95	44.41	44.54	45.65	47.22	46.58	45.88	46.23	44.12	43.67	43.81	45.01
5	43.88	44.44	44.55	46.00	47.24	46.61	45.55	46.39	44.05	43.67	43.74	44.46
6	44.40	43.77	44.14	45.73	47.80	46.65	45.03	46.44	43.90	43.74	43.73	44.15
7	44.56	43.80	43.90	45.43	47.75	45.68	45.29	46.48	43.45	43.84	43.79	43.98
8	44.68	44.19	44.12	44.96	47.37	45.78	45.19	46.00	43.61	43.79	43.83	44.11
9	44.35	43.86	44.04	45.07	47.17	46.97	46.44	44.89	43.60	43.79	43.85	44.11
10	44.33	44.10	44.07	46.42	47.44	46.30	46.41	43.89	43.73	43.85	43.88	43.98
11	44.10	44.16	44.09	46.47	47.42	45.69	46.70	44.09	43.89	43.65	43.78	43.89
12	43.94	44.09	44.09	46.53	47.34	46.58	46.61	46.13	43.87	43.62	43.69	43.95
13	44.39	44.31	44.24	46.30	47.30	46.65	46.57	46.36	43.86	43.71	43.73	44.01
14	44.12	44.99	44.22	46.09	47.28	46.61	46.27	46.38	43.90	43.97	43.86	44.07
15	44.39	45.14	44.68	46.11	47.25	46.60	45.44	46.37	44.12	43.84	44.02	44.15
16	44.04	44.33	45.02	46.50	45.90	46.61	46.17	46.37	44.12	43.86	43.78	44.07
17	43.99	44.33	44.86	46.43	45.58	46.63	46.50	46.41	44.06	43.93	43.95	44.14
18	44.02	44.57	44.95	46.13	46.79	46.63	46.70	45.23	44.18	43.86	44.09	44.16
19	43.85	44.53	45.08	45.93	46.68	46.54	46.71	44.53	44.13	43.82	43.90	43.91
20	44.07	44.24	44.93	46.16	46.63	44.92	46.60	44.32	44.11	43.90	43.97	43.78
21	44.06	44.08	44.75	46.17	46.53	46.56	46.55	44.32	43.91	44.06	44.02	44.12
22	44.11	43.92	44.89	45.98	46.44	46.64	46.57	45.20	43.99	44.01	43.91	44.13
23	44.48	43.95	44.96	46.03	46.73	46.63	46.57	45.57	43.90	44.01	44.08	44.06
24	44.63	43.80	45.37	46.02	46.62	46.05	46.55	45.79	43.91	43.92	44.13	44.08
25	43.97	44.10	46.32	45.91	46.64	45.55	45.93	45.69	44.13	43.68	43.93	44.05
26	43.99	44.06	45.97	46.15	46.64	45.64	45.73	45.65	44.06	43.72	44.08	43.91
27	44.86	44.03	45.18	46.41	46.62	45.72	45.70	45.69	43.80	43.94	44.01	43.73
28	45.00	43.98	44.92	47.03	46.71	45.73	45.69	44.68	43.90	44.00	44.03	44.12
29	44.49	43.85	44.96	46.66	---	45.74	46.46	43.83	44.05	43.96	44.09	44.16
30	44.40	43.89	46.09	46.35	---	45.51	46.52	43.83	44.20	44.00	44.21	44.16
31	44.09	---	46.60	46.50	---	45.15	---	43.83	---	44.11	44.05	---
MAX	45.00	45.14	46.60	47.03	47.80	46.97	46.71	46.64	44.20	44.11	44.21	45.01
MIN	43.85	43.77	43.90	44.96	45.58	44.92	44.84	43.83	43.45	43.62	43.69	43.69

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 mi², approximately.

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

REVISED RECORDS.--Revised figures of discharge for the water year 1997, superseding those published in the report for 1997 are given below.

GAGE.--Data collection platform. Elevation of gage is 150 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, and those below 2,000 ft³/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 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5900	1370	2470	1710	3370	17600	4430	20600	2670	8080	4420	4040
2	7040	3050	4310	2930	2980	18100	12800	18600	2550	8230	4680	3340
3	7260	2370	5510	4980	6340	16100	15500	12400	2690	8100	2430	2560
4	7280	2690	3860	4240	8620	17200	9030	13000	2500	6970	5700	2040
5	6780	2040	3720	3820	7710	19100	5870	13200	2410	5980	8920	2070
6	5770	1960	4920	3860	7660	23200	4210	14600	2390	3730	9520	1790
7	8450	1850	5400	5200	8330	24500	7640	12900	2230	4490	8940	1760
8	10600	2110	4020	7590	8080	25800	10900	13200	2230	4100	7990	2050
9	13500	2890	4710	12600	8200	26600	11300	12100	6820	3430	5250	2210
10	12800	4240	6040	18400	8260	26400	11500	7390	12700	3130	3560	1970
11	13100	2890	2920	13400	8070	25300	14500	3620	12900	2920	6270	1990
12	7780	1870	3330	16200	7570	15400	6600	2940	15200	1990	7180	1890
13	3780	2240	3810	18400	8840	9630	3080	5280	16200	1950	7070	1760
14	2990	1250	4820	18400	16200	11300	4180	6930	8740	4510	6950	1830
15	5880	1340	4630	16600	20900	9260	3570	8570	3070	5880	6860	2480
16	4910	1080	4770	12800	20700	10600	3030	7020	6350	6980	5060	3080
17	5770	1840	5190	11800	12300	7090	2670	3810	5920	7250	4270	2400
18	7450	2590	3750	10600	8930	7620	2790	2620	6340	6500	7120	2290
19	2340	1910	3630	8740	9270	7840	2860	4000	6500	3360	7870	2030
20	4560	665	9570	7050	15300	7980	2780	5510	6270	2970	8500	2040
21	3290	532	9120	6560	20200	10300	2660	5270	6260	4560	8100	1600
22	3260	589	9710	7050	22100	5970	4470	4100	5720	4820	5200	1760
23	2270	619	6130	5750	19600	5620	6770	4100	5560	4550	2900	1890
24	1820	814	4530	5520	20900	11200	17100	2460	6160	5630	2400	1800
25	2050	578	5590	3650	18300	15400	17900	2110	6360	5520	6700	4350
26	1880	717	5590	5480	17400	13800	9030	2750	6790	3250	7400	5790
27	1750	1590	4930	6880	17300	15900	6460	3970	7230	2550	7300	2800
28	1890	2910	4060	5750	17900	15000	7670	4410	4330	3110	5200	1660
29	2230	2910	4130	5050	---	6800	15000	4380	3400	3050	3700	2160
30	2000	2590	3540	8030	---	5760	23100	5530	5880	3060	2300	2750
31	1780	---	3060	7820	---	4420	---	4330	---	3530	2380	---
TOTAL	168160	56094	151770	266860	351330	436790	249400	231700	184370	144180	182140	72180
MEAN	5425	1870	4896	8608	12550	14090	8313	7474	6146	4651	5875	2406
MAX	13500	4240	9710	18400	22100	26600	23100	20600	16200	8230	9520	5790
MIN	1750	532	2470	1710	2980	4420	2660	2110	2230	1950	2300	1600
CFSM	.76	.26	.68	1.20	1.75	1.97	1.16	1.05	.86	.65	.82	.34
IN.	.87	.29	.79	1.39	1.83	2.27	1.30	1.21	.96	.75	.95	.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)

	MEAN	6874	6793	9536	9121	12320	13670	7539	6334	4680	5267	6627	4774
MAX	11440	15950	27170	28980	23000	22590	18010	15420	6821	9750	14420	6609	
(WY)	1990	1996	1993	1993	1993	1990	1993	1991	1996	1994	1994	1995	
MIN	1802	1827	2535	2438	1886	1440	2652	1990	1847	3560	2689	2406	
(WY)	1994	1989	1989	1989	1989	1989	1989	1989	1989	1993	1989	1997	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1989 - 1997

ANNUAL TOTAL	2861699	2494974	7781
ANNUAL MEAN	7819	6836	13960
HIGHEST ANNUAL MEAN			2612
LOWEST ANNUAL MEAN			1989
HIGHEST DAILY MEAN	31000	Feb 5	39000
LOWEST DAILY MEAN	532	Nov 21	65
ANNUAL SEVEN-DAY MINIMUM	645	Nov 20	103
INSTANTANEOUS PEAK FLOW			54200
INSTANTANEOUS PEAK STAGE			12.57
ANNUAL RUNOFF (CFSM)	1.09		1.09
ANNUAL RUNOFF (INCHES)	14.89		14.79
10 PERCENT EXCEEDS	20800	15400	19100
50 PERCENT EXCEEDS	5010	5400	5280
90 PERCENT EXCEEDS	1990	1990	1800

e Estimated

SAVANNAH RIVER BASIN

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC--Continued

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	3460	2360	6060	24000	24100	28900	13600	28100	5640	7000	3960	5000
2	3390	2550	4880	24700	23900	28800	11500	27600	6490	6940	3600	4100
3	2060	3170	4260	18200	21200	28300	12100	25400	5140	4430	5340	3990
4	2070	4670	6570	15900	31400	28100	20800	23500	7290	4330	3700	15100
5	1980	4510	6670	18800	28600	28700	16600	25500	6180	4210	3410	9280
6	4030	1810	3840	16200	36600	29300	12200	26200	5350	3890	3250	6140
7	4890	2120	2620	13200	37500	17800	14500	26400	2550	4160	3680	5040
8	5660	3890	3460	9350	33600	17500	13800	20700	3490	3640	4370	6100
9	3430	2140	3540	11100	32800	28400	25700	11800	3410	3680	4230	5220
10	3160	2810	4080	22800	34400	21600	25100	4940	4520	4000	4510	3810
11	2480	3110	3780	23100	34200	16700	28600	8250	5380	2920	3740	3010
12	1970	3030	3100	23600	33500	26100	28200	26000	5080	3090	3190	3440
13	3790	4710	3840	21200	33300	26500	27500	27300	5080	3370	3850	4590
14	2780	10300	3770	18800	33300	26100	23800	27200	5310	4940	4780	4180
15	3560	12400	7840	19400	32700	26000	16700	27100	6860	3750	5700	4330
16	2650	5160	12500	23000	18100	26400	23600	27200	7090	4180	4180	3790
17	2140	4600	11500	22300	17900	26700	26900	27400	6510	5090	5340	4150
18	2770	5920	12000	19600	28300	26800	29200	14200	7370	4020	6130	4260
19	2160	5540	12400	17900	27100	25300	28900	8970	7200	3570	4830	3740
20	2440	4160	10500	19800	27200	11500	27500	7750	6870	4030	5320	2990
21	2230	3490	8560	19500	25800	27000	27000	7570	5370	5330	5190	4700
22	2350	2890	10700	17800	25300	27500	27300	15700	5970	4920	4380	4240
23	4380	2730	11100	18500	28600	27700	27300	18200	5600	5160	5640	3880
24	5780	2210	16100	17700	26700	20900	27000	20200	5580	4090	5900	4150
25	2660	3390	23200	17400	27700	17200	20500	19400	6920	2930	4300	3790
26	3110	3190	19500	19900	28000	18200	18600	19200	6320	3680	5650	2990
27	8590	4110	12200	22700	28400	18900	18300	19600	4540	5230	5050	2300
28	9610	3800	9420	27700	29100	19100	18300	9790	5350	5500	5200	4000
29	4750	3230	10100	24400	---	19800	26400	e6000	6890	4920	5680	4630
30	4150	3660	20400	22000	---	16900	26900	5470	8190	5330	6390	4360
31	2640	---	24900	23500	---	14200	---	5240	---	6180	4860	---
TOTAL	111120	121660	293390	614050	809300	722900	664400	567880	173540	138510	145350	141300
MEAN	3585	4055	9464	19810	28900	23320	22150	18320	5785	4468	4689	4710
MAX	9610	12400	24900	27700	37500	29300	29200	28100	8190	7000	6390	15100
MIN	1970	1810	2620	9350	17900	11500	11500	4940	2550	2920	3190	2300
CF5M	.50	.57	1.32	2.77	4.04	3.26	3.10	2.56	.81	.62	.66	.66
IN.	.58	.63	1.53	3.19	4.21	3.76	3.46	2.95	.90	.72	.76	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1998, BY WATER YEAR (WY)

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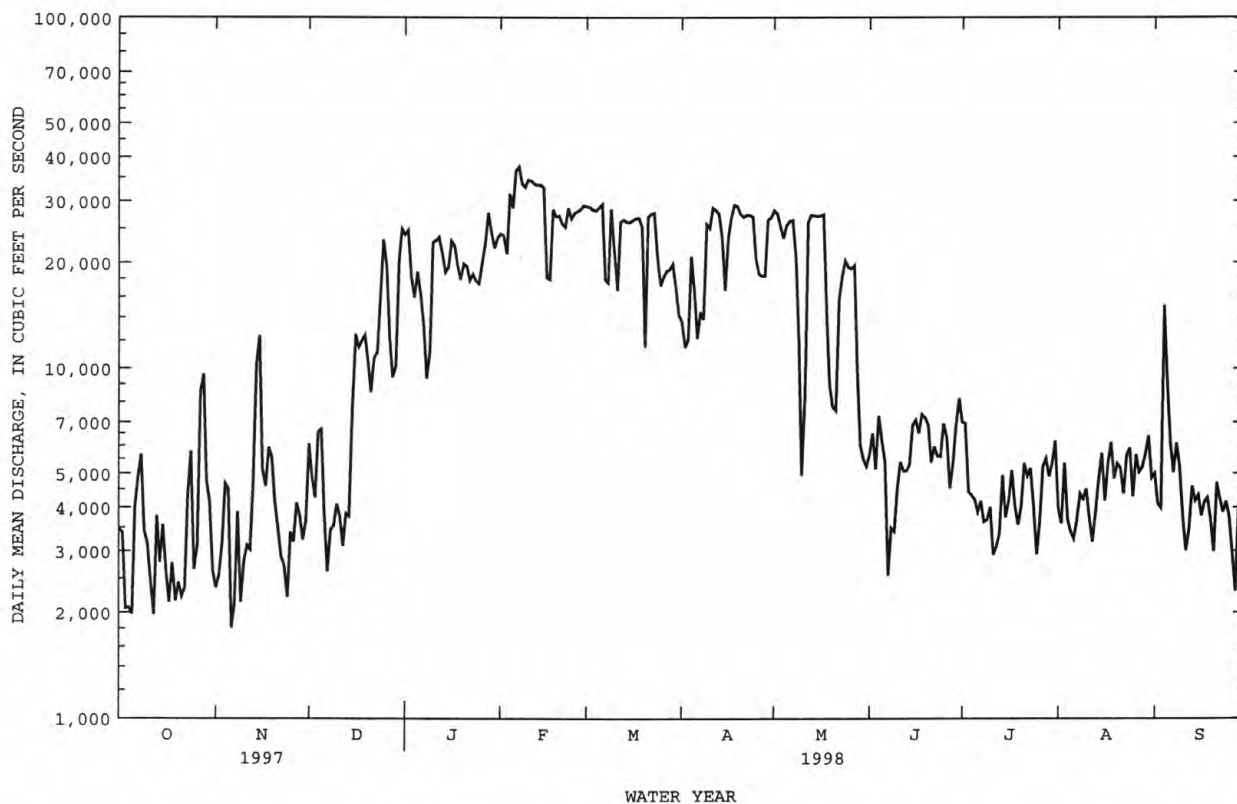
SAVANNAH RIVER BASIN

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02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1989 - 1998	
ANNUAL TOTAL	2645120		4503400		8236	
ANNUAL MEAN	7247		12340		13960	
HIGHEST ANNUAL MEAN					2612	
LOWEST ANNUAL MEAN					39000	
HIGHEST DAILY MEAN	26600	Mar 9	37500	Feb 7	65	Jan 13 1993
LOWEST DAILY MEAN	1600	Sep 21	1810	Nov 6	103	Mar 18 1989
ANNUAL SEVEN-DAY MINIMUM	1920	Sep 18	2390	Oct 16	54200	Mar 16 1989
INSTANTANEOUS PEAK FLOW			43000	Feb 4	12.57	Oct 12 1990
INSTANTANEOUS PEAK STAGE			11.84	Feb 4	1.15	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.01		1.73		15.65	
ANNUAL RUNOFF (INCHES)	13.76		23.43		20800	
10 PERCENT EXCEEDS	16100		27400		5380	
50 PERCENT EXCEEDS	5530		6570		1880	
90 PERCENT EXCEEDS	2270		3110			

e Estimated



SAVANNAH RIVER BASIN

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.--Records fair except for estimated daily discharges, which are poor. Flow regulated by gate operations at Augusta City Lock and Dam. Discharge record computed by utilization of a one-dimensional unsteady flow simulation model (BRANCH). An auxiliary gage (sta 02196500) is used in conjunction with this station for computation of discharge.

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	3030	2860	2440	2440	2600	2610	2830	2490	1920	1730	2330	2390
2	3120	2760	2650	2650	2440	2600	2550	2460	1940	1800	2370	2440
3	3130	2820	2640	2640	2600	2450	2410	2480	2290	1740	2050	2040
4	3110	2880	2600	2600	2700	2600	2160	2420	2270	1740	2460	1660
5	3030	3020	2590	2590	2570	2700	2020	2400	2310	1830	2380	1720
6	3090	2970	2600	2600	2510	2570	2410	2430	2320	2290	2410	2080
7	3140	2650	2650	2650	2690	2510	2740	2440	2300	2580	2360	2070
8	3210	2670	2740	2740	2680	2690	2610	2340	2320	2570	2070	2030
9	3210	2730	2500	2500	2470	2680	2640	2480	2290	2630	2230	2680
10	3260	2890	2250	2250	2440	2470	2390	1620	2150	2690	2200	2850
11	3170	2830	2460	2460	2450	2440	2380	1790	2220	2630	2220	2780
12	3170	2710	2870	2870	2450	2450	2420	1810	2310	2380	2240	2370
13	3260	2560	2940	2940	2490	2450	2410	1940	2310	2580	2010	2740
14	3000	2720	2920	2920	2780	2490	2400	1950	2310	2640	1950	2880
15	3220	2710	2740	2740	2420	2780	2620	1950	2360	2680	1970	2910
16	2970	2740	2450	2450	2450	2420	2790	1950	2100	2640	1940	2920
17	3030	2790	2510	2510	2520	2450	2560	1960	2220	2350	1980	2970
18	2650	3040	2570	2570	2520	2520	e1780	1920	2230	2680	1990	2450
19	2720	3010	2870	2870	2380	2520	e2390	1920	2020	2840	1970	2490
20	2980	2700	2930	2930	2500	2380	e2550	1990	2130	2880	2020	2650
21	3160	2560	2840	2840	2700	2510	e2590	1980	2140	2830	2240	2870
22	3170	2470	2400	2400	2770	2700	e2630	1980	2110	2730	2300	2820
23	3180	2620	2570	2570	2610	2770	e2600	1970	1940	2600	2270	2750
24	2870	2730	1720	1720	2910	2610	e2590	1850	2180	2750	2290	2830
25	2600	2790	1550	1550	2810	2910	e2680	1890	2250	2630	2380	2780
26	2540	2770	1810	1810	2410	2810	e2640	2050	2190	2260	2300	2990
27	2800	2110	2190	2190	2190	2410	e2600	1970	2140	2130	2300	2980
28	2900	2150	2570	2570	2810	2190	2610	1920	2180	2160	2310	2650
29	3070	2030	2600	2600	---	2460	2460	2000	1780	2430	2310	2790
30	3150	1900	2810	2810	---	2520	2450	1910	1530	2350	2360	2790
31	3020	---	2610	2610	---	2750	---	1910	---	2310	2480	---
TOTAL	93960	80190	78590	78590	71870	79420	74910	64170	64760	75080	68690	77370
MEAN	3031	2673	2535	2535	2567	2562	2497	2070	2159	2422	2216	2579
MAX	3260	3040	2940	2940	2910	2910	2830	2490	2360	2880	2480	2990
MIN	2540	1900	1550	1550	2190	2190	1780	1620	1530	1730	1940	1660

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1998, BY WATER YEAR (WY)

MEAN	2900	2633	2430	2481	2487	2525	2563	2447	2482	2539	2539	2722
MAX	3031	2673	2535	2535	2567	2562	2629	2824	2805	2655	2863	2864
(WY)	1998	1998	1998	1998	1998	1998	1997	1997	1997	1997	1997	1997
MIN	2769	2593	2325	2427	2408	2487	2497	2070	2159	2422	2216	2579
(WY)	1997	1997	1997	1997	1997	1997	1998	1998	1998	1998	1998	1998

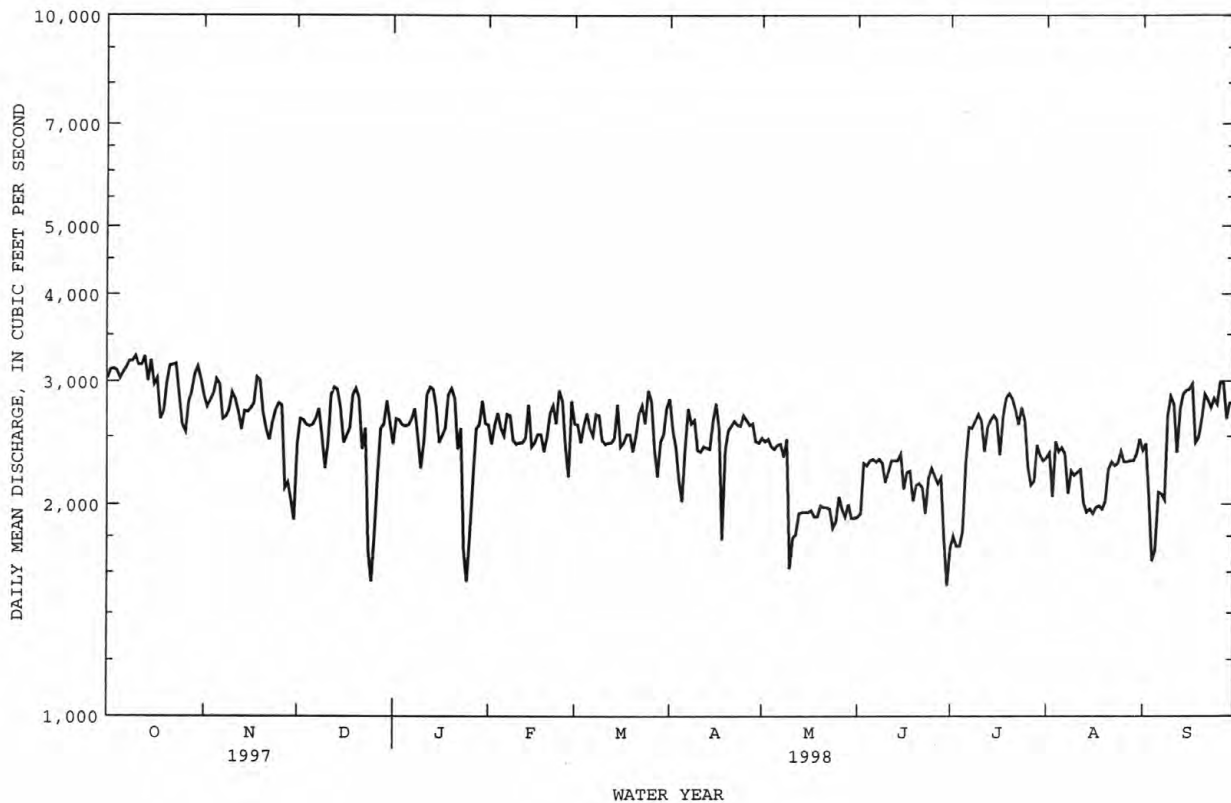
SAVANNAH RIVER BASIN

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02196485 AUGUSTA CANAL NEAR AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1997 - 1998	
ANNUAL TOTAL	980050		907600		2562	
ANNUAL MEAN	2685		2487		2638	
HIGHEST ANNUAL MEAN					2487	
LOWEST ANNUAL MEAN					3260	
HIGHEST DAILY MEAN	3260	Oct 10	3260	Oct 10	3260	Oct 10 1997
LOWEST DAILY MEAN	1550	Dec 25	1530	Jun 30	1500	Dec 25 1996
ANNUAL SEVEN-DAY MINIMUM	1820	Jun 30	1740	Jun 29	1740	Jun 29 1998
INSTANTANEOUS PEAK STAGE			8.20	Oct 13	8.37	Jul 14 1997
10 PERCENT EXCEEDS	3060		2920		2990	
50 PERCENT EXCEEDS	2690		2510		2600	
90 PERCENT EXCEEDS	2340		1960		2050	

e Estimated



SAVANNAH RIVER BASIN

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 mi².

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 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	20	30	34	36	47	52	56	62	36	e22	22	24
2	19	39	29	37	47	44	56	54	34	e22	20	20
3	18	32	28	37	65	46	82	54	34	22	20	89
4	16	28	28	34	111	47	127	61	36	22	21	127
5	16	26	27	37	88	47	72	53	52	24	19	53
6	16	26	26	38	59	50	62	50	42	22	18	38
7	16	27	25	38	52	58	58	51	37	23	19	34
8	16	27	26	44	50	120	62	97	35	23	22	40
9	17	26	32	42	50	178	146	61	40	23	25	33
10	18	25	31	38	48	99	78	68	70	22	26	26
11	17	26	30	39	47	71	64	66	55	20	24	20
12	17	26	34	38	46	63	61	54	43	20	23	28
13	17	45	31	41	45	60	59	51	37	20	24	27
14	18	41	30	41	45	56	63	49	32	19	23	27
15	25	32	29	48	44	50	66	47	31	19	23	28
16	e28	29	27	70	45	54	60	45	30	23	24	28
17	e30	27	27	53	68	53	57	45	31	28	26	28
18	e42	27	26	45	54	55	82	44	28	28	23	30
19	e45	27	26	62	48	82	77	42	36	23	24	31
20	e36	27	26	53	46	66	63	41	47	25	25	29
21	e32	27	26	45	45	59	59	40	35	32	20	31
22	e28	32	39	47	50	56	66	39	31	36	18	37
23	e26	30	39	75	67	55	58	39	29	29	18	31
24	22	28	82	51	54	55	55	39	27	25	18	26
25	24	26	64	46	49	55	53	38	25	24	18	23
26	50	26	40	44	48	53	51	36	e24	26	17	23
27	54	26	52	78	52	51	51	36	e24	24	17	23
28	33	26	43	70	55	51	49	35	e23	25	17	24
29	29	27	40	51	---	52	50	35	e23	25	16	25
30	27	40	39	49	---	52	55	36	e23	24	16	41
31	27	---	38	46	---	51	---	38	---	22	17	---
TOTAL	799	881	1074	1473	1525	1941	1998	1506	1050	742	643	1044
MEAN	25.8	29.4	34.6	47.5	54.5	62.6	66.6	48.6	35.0	23.9	20.7	34.8
MAX	54	45	82	78	111	178	146	97	70	36	26	127
MIN	16	25	25	34	44	44	49	35	23	19	16	20
CFSM	.97	1.10	1.30	1.79	2.05	2.35	2.50	1.83	1.32	.90	.78	1.31
IN.	1.12	1.23	1.50	2.06	2.13	2.71	2.79	2.11	1.47	1.04	.90	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1998, BY WATER YEAR (WY)

	MEAN	30.6	33.7	36.2	45.4	44.1	47.4	38.2	30.5	31.5	25.0	25.6	24.8
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	16.0	11.8	
(WY)	1992	1997	1997	1997	1990	1990	1990	1992	1990	1993	1997	1990	

SAVANNAH RIVER BASIN

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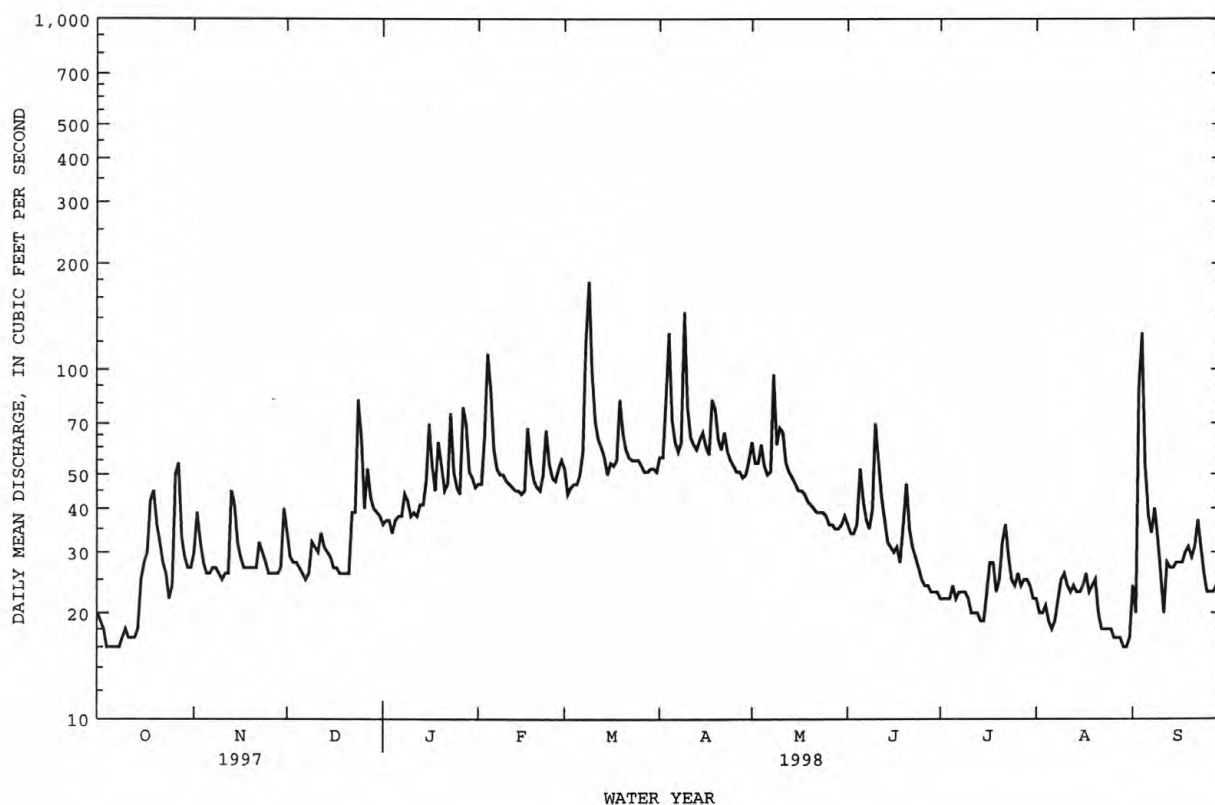
02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1990 - 1998	
ANNUAL TOTAL	9837.4		14676		34.4	
ANNUAL MEAN	27.0		40.2		41.7	
HIGHEST ANNUAL MEAN					26.0	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	82	Dec 24	178	Mar 9	305	Oct 12 1990
LOWEST DAILY MEAN	5.2	May 24	16	** Oct 4	* 4.1	Jul 22 1993
ANNUAL SEVEN-DAY MINIMUM	11	Sep 3	16	Oct 3	9.3	Jul 3 1990
INSTANTANEOUS PEAK FLOW			243	Mar 8	593	Oct 12 1990
INSTANTANEOUS PEAK STAGE			4.70	Mar 8	6.48	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.01		1.51		1.29	
ANNUAL RUNOFF (INCHES)	13.76		20.52		17.55	
10 PERCENT EXCEEDS	39		62		53	
50 PERCENT EXCEEDS	27		36		31	
90 PERCENT EXCEEDS	15		20		17	

e Estimated

* Flow was temporarily obstructed at the gage by the construction of a rock section upstream.

** Also occurred on Oct. 5 - 8, Aug. 29, 30.



SAVANNAH RIVER BASIN

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 mi², 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, 18.28 ft, Feb. 5; minimum gage height, 11.69 ft, Sept. 5.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.02	14.09	14.04	14.26	14.24	15.37	14.21	15.05	14.29	13.51	13.31	12.37
2	14.92	14.21	13.95	14.35	14.19	15.23	14.24	15.22	14.20	13.49	13.35	12.27
3	14.79	14.23	14.19	13.94	13.97	15.17	14.58	14.69	14.04	14.72	13.34	12.48
4	14.03	14.21	14.06	13.75	15.39	15.10	15.14	14.27	14.32	14.85	13.28	13.48
5	13.94	14.27	13.94	14.03	17.24	15.13	14.10	14.26	14.45	14.87	13.25	12.11
6	14.34	13.92	14.09	13.46	17.06	15.21	14.01	14.43	14.66	13.94	13.36	12.41
7	14.12	14.09	14.31	13.76	18.18	13.98	14.10	14.63	14.54	12.64	13.35	12.27
8	13.96	15.02	14.03	13.88	17.91	14.49	14.08	14.45	14.36	12.74	13.28	12.33
9	14.01	14.32	15.15	14.24	17.08	15.81	14.38	13.89	14.29	12.73	13.36	12.65
10	13.95	14.28	15.00	14.36	17.31	15.14	14.31	13.85	14.51	12.67	13.36	12.40
11	14.02	13.99	14.09	14.57	17.28	13.83	15.25	14.03	14.47	12.58	13.19	12.44
12	13.89	13.88	14.20	14.24	17.13	14.39	15.18	14.22	14.14	12.48	13.21	12.48
13	14.14	13.95	14.25	13.70	16.99	15.17	14.99	14.35	14.19	12.63	13.16	12.41
14	13.97	14.71	14.08	13.86	16.94	15.16	14.71	14.54	14.25	12.74	12.91	12.49
15	14.08	14.10	14.28	13.90	16.90	15.12	13.86	14.61	14.39	12.62	12.38	12.38
16	13.89	14.14	14.18	14.17	14.96	15.11	14.30	14.59	14.12	13.70	12.40	12.55
17	14.02	14.42	14.03	14.01	13.76	15.11	14.57	14.64	13.98	14.03	12.46	12.47
18	13.97	14.08	14.23	14.01	14.96	15.14	15.06	14.11	14.18	13.91	12.44	12.45
19	13.85	14.16	14.15	14.22	15.28	15.48	15.46	14.09	14.10	13.86	12.36	12.48
20	13.93	14.20	14.00	14.08	14.96	14.07	15.28	14.21	14.09	12.69	12.45	12.43
21	13.89	14.10	14.08	14.07	14.85	14.55	15.09	13.98	14.11	12.77	12.37	12.40
22	14.24	14.50	14.04	13.84	14.53	15.03	15.15	14.17	14.18	12.85	12.39	12.32
23	14.25	14.58	14.14	12.96	15.06	15.12	15.18	14.22	14.23	12.70	12.42	12.32
24	14.26	14.28	14.15	13.96	15.32	14.09	15.10	13.98	14.20	12.85	12.31	12.67
25	14.21	14.19	15.03	13.52	15.11	13.65	13.82	14.04	14.26	13.10	12.33	14.35
26	13.79	14.19	14.57	13.56	15.17	14.11	13.86	14.07	13.81	13.15	12.36	14.50
27	14.02	14.12	13.31	13.76	15.17	14.19	13.89	14.22	13.89	13.42	12.43	14.56
28	14.10	14.01	13.91	15.08	15.37	14.25	13.95	14.21	14.06	13.45	12.39	14.56
29	13.99	13.98	13.91	15.30	---	14.25	14.38	14.28	13.49	13.81	12.40	13.94
30	14.11	14.09	12.85	14.20	---	14.05	14.62	14.49	13.45	13.12	12.44	13.41
31	14.01	---	14.41	14.23	---	14.05	---	14.64	---	13.45	12.36	---
MAX	15.02	15.02	15.15	15.30	18.18	15.81	15.46	15.22	14.66	14.87	13.36	14.56
MIN	13.79	13.88	12.85	12.96	13.76	13.65	13.82	13.85	13.45	12.48	12.31	12.11

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 mi², 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 ft³/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 ft³/s, Jan. 17, 1796, gage height (determined by analysis of historical documents), 38 ft; 260,000 ft³/s, May 28, 1840, gage height, 37.5 ft; 230,000 ft³/s, Aug. 29, 1852, gage height, 36.8 ft; 160,000 ft³/s, Jan. 1, 1864, gage height, 34.0 ft; 220,000 ft³/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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6130	5430	6730	24800	25500	28700	14900	27500	7820	7530	6750	7000
2	6600	5630	7900	25100	25400	28400	14900	28000	7850	7120	5900	6590
3	5870	6060	6360	22200	24200	28200	e14200	26600	7980	5760	6410	7420
4	5340	7230	7810	18200	28800	28000	e15000	25500	8400	5450	6440	15500
5	4710	7400	8100	19000	35300	28000	e15200	25400	9120	5360	6060	14500
6	5910	5160	6960	18700	35900	28300	e15400	25700	7640	6940	5630	10300
7	7420	4300	5380	15900	42700	24200	e15200	26300	6240	6780	5910	8230
8	7820	5420	5810	14100	40500	20800	e15000	25000	6020	6630	6060	7520
9	7010	5440	5590	11500	35000	30300	22600	17100	6170	6380	6200	8030
10	6310	5410	6260	19600	36200	28300	25600	10200	6710	6840	6410	7390
11	5990	6040	6570	22800	36000	22300	28200	8160	7800	6100	6280	6520
12	4840	5840	6580	23900	35200	25800	28000	20600	7730	5550	5780	6740
13	5920	6730	6770	23500	34400	28100	27500	25700	7290	5770	5510	6680
14	6020	9350	7240	20800	34300	28200	26800	26300	7110	6700	6170	6940
15	6270	14200	8160	20700	34100	28000	19000	26500	8120	7050	7120	7620
16	6420	9760	12300	23500	27300	28000	21400	26500	8330	e6100	6140	7020
17	4970	6850	12600	24100	19300	28000	25800	26600	8100	e7600	6340	7550
18	5440	8090	12800	22600	27300	28200	27600	20100	8470	7570	7160	7290
19	5160	8320	13400	20900	28500	29200	28800	12700	8420	7210	6770	6840
20	5310	6740	13100	20600	27500	17700	28300	9620	8190	7580	6510	5710
21	5310	6070	11100	21600	27300	23900	27800	9320	7350	7670	7080	6750
22	5440	5630	11500	20400	26300	27700	27900	12500	7360	7810	6440	7620
23	6440	5380	12500	22000	27900	28000	28000	17300	7100	7410	6860	7080
24	7570	5280	14400	20700	28700	25300	27700	18700	6920	7300	7350	6800
25	6200	5600	21400	19400	28000	20300	23900	18400	7800	6350	6680	5930
26	6030	6090	21500	21100	28200	18500	20300	18100	8440	5890	6950	6440
27	7800	5590	17000	22500	28200	19500	19500	18100	6550	6500	6730	5410
28	12500	5420	13200	27900	28800	19600	18900	14400	6450	7070	6890	6780
29	8720	5000	12200	28500	---	19600	24100	9020	7640	6950	7000	8070
30	7550	5260	17200	25500	---	18600	26200	6680	8000	7210	7420	7260
31	6320	---	24100	25400	---	16100	---	6860	---	7620	7240	---
TOTAL	199340	194720	342520	667500	856800	773800	673700	589460	227120	209800	202190	229530
MEAN	6430	6491	11050	21530	30600	24960	22460	19010	7571	6768	6522	7651
MAX	12500	14200	24100	28500	42700	30300	28800	28000	9120	7810	7420	15500
MIN	4710	4300	5380	11500	19300	16100	14200	6680	6020	5360	5510	5410
CFSM	.86	.86	1.47	2.87	4.08	3.32	2.99	2.53	1.01	.90	.87	1.02
IN.	.99	.96	1.70	3.31	4.25	3.83	3.34	2.92	1.13	1.04	1.00	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 1998, BY WATER YEAR (WY)

	MEAN	7319	7379	9219	10900	12420	14480	13320	9536	8359	7254	7577	7046
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	

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1952 - 1998	
ANNUAL TOTAL	3383470		5166480		9552	
ANNUAL MEAN	9270		14150		16580	
HIGHEST ANNUAL MEAN					5344	
LOWEST ANNUAL MEAN					84500	
HIGHEST DAILY MEAN	26100	Mar 10	42700	Feb 7	1770	Apr 10 1964
LOWEST DAILY MEAN	4230	Jun 8	4300	Nov 7	2090	Oct 18 1951
ANNUAL SEVEN-DAY MINIMUM	4540	Jun 2	5370	Nov 6	87100	Oct 20 1951
INSTANTANEOUS PEAK FLOW			43000	Feb 7	24.16	Apr 9 1964
INSTANTANEOUS PEAK STAGE			21.63	Feb 7	1.27	Apr 9 1964
ANNUAL RUNOFF (CFSM)	1.23		1.89		17.29	
ANNUAL RUNOFF (INCHES)	16.76		25.60		18300	
10 PERCENT EXCEEDS	17000		28000		7020	
50 PERCENT EXCEEDS	7780		8160		5170	
90 PERCENT EXCEEDS	5160		5800			

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1883-1951, BY WATER YEAR (WY) (PRIOR TO REGULATION)

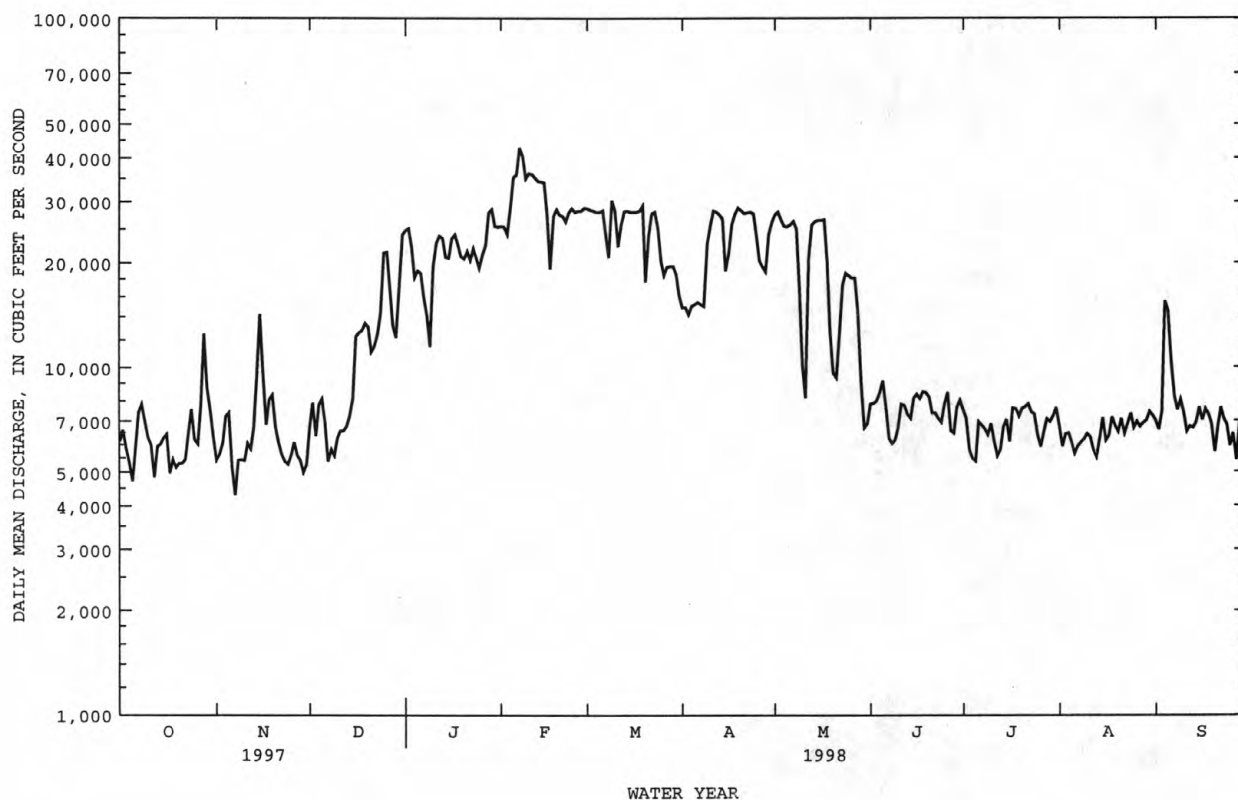
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6988	6923	9645	13560	16950	17490	13660	8566	7962	8042	8864	7916
MAX	42170	21250	27390	40950	39560	52440	58700	20670	22700	19480	35030	47850
(WY)	1930	1949	1933	1936	1903	1929	1936	1929	1900	1906	1887	1888
MIN	2079	2614	4263	5137	4812	6298	5298	3427	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
LOWEST ANNUAL MEAN	5836
HIGHEST DAILY MEAN	315000
LOWEST DAILY MEAN	1040
ANNUAL SEVEN-DAY MINIMUM	1170
INSTANTANEOUS PEAK FLOW	a350000
INSTANTANEOUS PEAK STAGE	b46.30
INSTANTANEOUS LOW FLOW	c648
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 ft³/s.

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.

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Data collection platform. Elevation of gage is 175 ft above sea level (from topographic map). June 10, 1966 to Sept. 30, 1989 at current site and datum, Oct. 1, 1989 to Dec. 23, 1996, at site 1.0 mi downstream at datum 10 ft lower, Dec. 24, 1996 to September 30, 1998 at current site and datum.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	109	108	102	112	142	122	158	101	99	91	126
2	83	104	97	101	111	123	119	126	100	94	88	100
3	80	94	94	100	156	119	185	129	98	93	88	286
4	78	89	94	100	225	117	256	156	110	91	88	345
5	78	87	93	104	179	118	149	130	131	92	88	146
6	77	87	91	108	145	123	135	122	112	88	88	122
7	76	89	91	109	132	138	129	125	104	88	85	112
8	75	89	91	116	126	214	130	157	100	89	91	109
9	75	87	118	113	124	354	162	131	108	91	111	110
10	75	87	119	103	125	195	143	128	141	87	110	102
11	75	86	107	101	120	157	130	132	116	87	97	99
12	75	89	e112	100	117	143	121	122	105	88	96	98
13	75	153	e102	101	114	136	122	116	101	87	111	97
14	75	118	109	105	112	132	135	114	99	86	101	96
15	77	102	105	137	111	126	140	112	100	92	104	95
16	99	102	97	171	119	132	130	111	99	108	104	95
17	83	96	94	127	187	130	126	111	108	143	116	95
18	108	93	93	114	141	130	148	109	97	104	113	98
19	112	92	92	150	127	160	133	107	106	96	138	101
20	92	90	91	128	121	139	129	105	112	108	108	99
21	84	96	91	115	117	131	123	104	101	96	98	101
22	90	121	138	114	126	126	151	105	97	92	94	105
23	89	103	123	166	162	124	135	110	95	92	93	96
24	87	96	190	135	133	123	127	106	94	109	93	93
25	90	93	181	120	122	122	121	105	93	95	92	92
26	115	91	128	114	122	120	118	102	92	99	91	91
27	130	90	143	175	132	122	117	105	92	100	89	92
28	98	89	126	156	178	121	116	106	95	106	89	94
29	91	90	117	128	---	120	115	105	95	95	90	97
30	88	141	114	120	---	119	132	105	94	93	88	113
31	88	---	107	115	---	119	---	105	---	91	92	---
TOTAL	2705	2953	3456	3748	3796	4375	4099	3659	3096	2979	3025	3505
MEAN	87.3	98.4	111	121	136	141	137	118	103	96.1	97.6	117
MAX	130	153	190	175	225	354	256	158	141	143	138	345
MIN	75	86	91	100	111	117	115	102	92	86	85	91
CFSM	.88	1.00	1.13	1.22	1.37	1.43	1.38	1.20	1.05	.97	.99	1.18
IN.	1.02	1.11	1.30	1.41	1.43	1.65	1.54	1.38	1.17	1.12	1.14	1.33

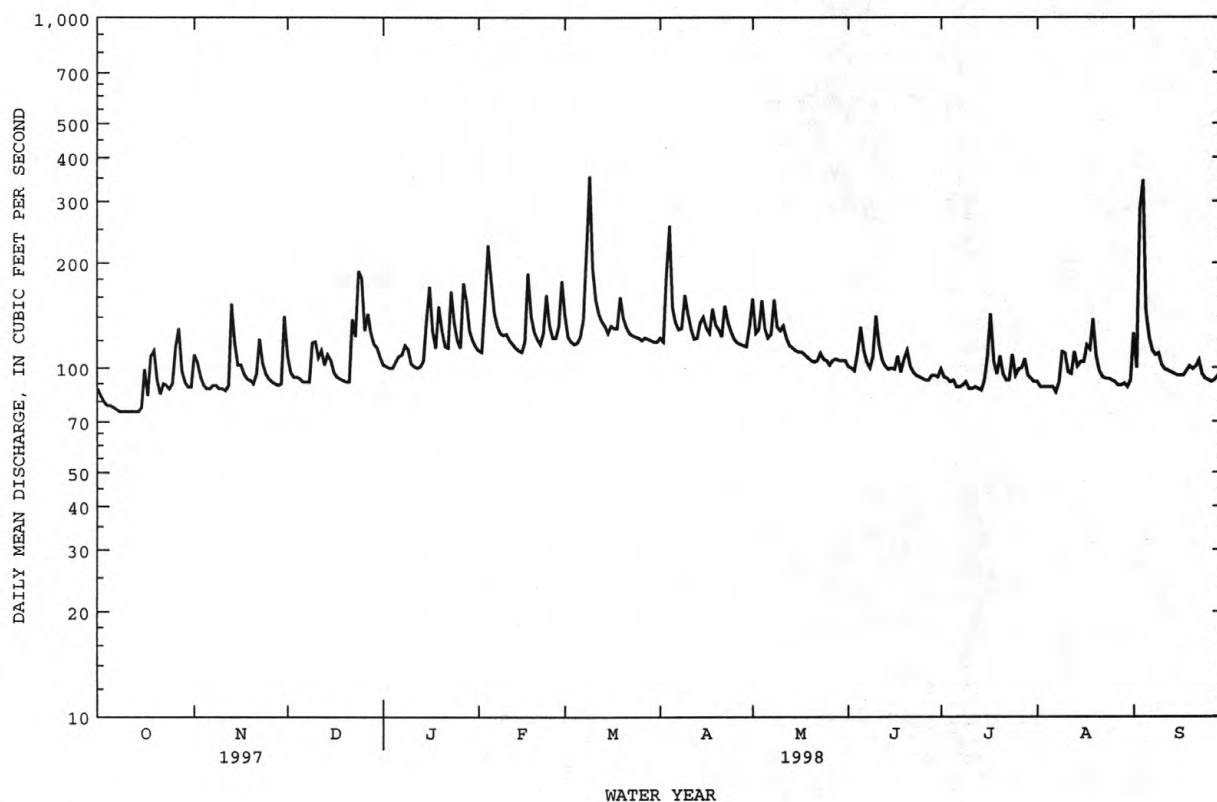
MEAN	98.6	104	109	114	113	116	109	101	101	99.9	102	99.1
MAX	130	128	139	145	152	157	156	136	167	123	134	128
(WY)	1991	1996	1977	1978	1973	1980	1973	1973	1973	1975	1995	1995
MIN	69.0	70.8	81.6	85.6	79.9	76.4	73.2	70.9	65.8	64.7	65.1	65.0
(WY)	1983	1983	1983	1984	1990	1990	1990	1990	1990	1983	1982	1990

SAVANNAH RIVER BASIN

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1966 - 1998	
ANNUAL TOTAL	34685		41396		105	
ANNUAL MEAN	95.0		113		133	1973
HIGHEST ANNUAL MEAN					** 77.1	1990
LOWEST ANNUAL MEAN					** 509	Aug 20 1992
HIGHEST DAILY MEAN	193	Feb 15	354	Mar 9	53	Aug 23 1983
LOWEST DAILY MEAN	73	Aug 29	75	*** Oct 8	55	Aug 17 1983
ANNUAL SEVEN-DAY MINIMUM	75	Oct 8	75	Oct 8	** 820	Oct 23 1990
INSTANTANEOUS PEAK FLOW			596	Sep 3	** 8.80	Oct 23 1990
INSTANTANEOUS PEAK STAGE			8.50	Sep 3	49	Jul 22 1983
INSTANTANEOUS LOW FLOW			73	**** Oct 8	1.07	
ANNUAL RUNOFF (CFSM)	.96		1.15		14.52	
ANNUAL RUNOFF (INCHES)	13.07		15.60		132	
10 PERCENT EXCEEDS	117		142		102	
50 PERCENT EXCEEDS	92		107		77	
90 PERCENT EXCEEDS	76		88			

e Estimated
 * Also occurred on Aug. 19, 22, 23, 1983.
 ** At site and datum then in use.
 *** Also occurred on Oct. 9 - 14.
 **** Also occurred on Oct. 10, 11.



SAVANNAH RIVER BASIN

431

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 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	e.05	.08	.13	.09	.08	.07	.07	.03	.03
2	---	---	---	e.04	.08	.13	.11	.07	.05	.05	.03	.03
3	---	---	---	e.04	.08	.13	.11	.31	.05	.06	.03	.04
4	---	---	---	e.05	.09	.11	.09	.07	.06	.06	.03	.03
5	---	---	---	e.33	.08	.11	.09	.07	.09	.12	.04	.03
6	---	---	---	e.04	.07	.12	.13	.05	.54	.25	.03	.03
7	---	---	---	e.08	.07	.12	.07	.06	.08	.09	.03	.03
8	---	---	---	e.70	.17	.11	.11	.05	.07	.23	.03	.03
9	---	---	---	e1.10	.07	.12	.11	.06	.06	e.34	.04	.03
10	---	---	---	e.15	.08	.12	.12	.05	.07	.06	.04	.03
11	---	---	---	.14	.09	.09	.14	.05	.19	.03	.03	.03
12	---	---	---	.14	.09	.10	.21	.22	.26	.03	.03	.03
13	---	---	.10	.13	e.86	.12	.13	.06	.16	.03	.03	.03
14	---	---	.11	.12	e1.40	.69	.14	.05	.31	.03	.04	.03
15	---	---	.11	.12	.58	.13	.14	.04	.11	.03	.04	.04
16	---	---	.13	e.42	.13	.07	.09	.05	.08	.05	.04	.04
17	---	---	.18	.11	.13	.05	.06	.05	.35	.03	.04	.03
18	---	---	.69	.11	.11	.04	.15	.05	.09	.03	.05	.03
19	---	---	e.19	.11	.10	e.08	.18	.05	.07	.03	.04	.03
20	---	---	e.11	.10	.12	.11	.18	.07	.06	.03	.08	.03
21	---	---	e.10	.09	e.34	.12	.16	.07	.06	.03	.03	.03
22	---	---	e.09	.09	.83	.09	.43	.06	.07	.03	.03	.04
23	---	---	e.07	.08	.14	.11	.39	.05	.07	.03	.03	.05
24	---	---	e.06	.08	.12	.08	.17	.05	.07	e.09	.03	.16
25	---	---	e.06	.23	.12	.09	.17	.13	.07	.03	.03	.55
26	---	---	e.08	.08	.12	.10	.20	.06	.06	.03	.03	.31
27	---	---	e.05	.08	.12	.10	.80	.21	.29	.03	.03	.13
28	---	---	e.05	.08	.18	.19	1.1	.06	.26	.03	.03	.25
29	---	---	e.05	.15	---	.14	.10	.06	.06	.03	.03	.07
30	---	---	e.05	.40	---	.10	.09	.05	.04	.03	.04	.07
31	---	---	e.04	.08	---	.08	---	.17	---	.05	.04	---
TOTAL	---	---	---	5.52	6.45	3.88	6.06	2.53	3.87	2.06	1.10	2.29
MEAN	---	---	---	.18	.23	.13	.20	.082	.13	.066	.035	.076
MAX	---	---	---	.18	.23	.13	.20	.082	.13	.066	.035	.076
(WY)	---	---	---	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	---	---	---	.18	.23	.13	.20	.082	.13	.066	.035	.076
(WY)	---	---	---	1997	1997	1997	1997	1997	1997	1997	1997	1997

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

MEAN	---	---	---	.18	.23	.13	.20	.082	.13	.066	.035	.076
MAX	---	---	---	.18	.23	.13	.20	.082	.13	.066	.035	.076
(WY)	---	---	---	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	---	---	---	.18	.23	.13	.20	.082	.13	.066	.035	.076
(WY)	---	---	---	1997	1997	1997	1997	1997	1997	1997	1997	1997

e Estimated

SAVANNAH RIVER BASIN

021973011 H-002 AT SAVANNAH RIVER SITE, SC--Continued

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	.09	.22	.08	.03	.03	.31	.32	.28	.17	.23	.16	.21
2	.09	.22	.06	.03	.04	.30	.29	.21	.18	.23	.15	.16
3	.10	.13	.06	.03	e2.40	.31	e1.60	e.70	.22	.23	.14	e2.50
4	.10	.13	.07	.03	e1.60	.30	e.60	e.36	e.55	.24	.14	.29
5	.10	.14	.15	.03	.54	e.48	.28	.22	.42	.23	.14	.20
6	.09	.15	.25	.04	.48	e.41	.28	.22	.25	.22	.15	.22
7	.08	.13	.31	.03	.47	e1.50	.28	e.31	.16	.22	.19	.21
8	.08	.09	.69	.06	.41	e2.70	e.76	e.55	.16	e.28	e.25	.21
9	.10	.08	.68	.03	.41	e.76	e.65	.23	e.36	.23	e.55	.18
10	.09	.08	.48	.03	.36	.31	.33	e.36	e.89	.23	.22	.16
11	.07	.07	.27	.03	.36	.33	.31	.24	.25	.31	.20	.12
12	.08	.27	.41	.03	.36	.32	.30	.20	.23	.28	e.55	.11
13	.09	.48	.19	.03	.36	.30	.32	.15	.21	.18	.26	.11
14	.11	.09	.47	.04	.36	.28	e.82	.16	.22	.17	.22	.11
15	.25	.08	.18	.39	.36	.28	.29	.15	.25	e.36	.21	.15
16	.16	.07	.18	.05	.50	.28	.27	.17	.25	e1.00	e.26	.15
17	.09	.07	.17	.03	e1.20	.29	.32	.16	.24	.34	.19	.09
18	.21	.07	.17	.03	.36	e.55	e.76	.14	.25	.27	e.55	.11
19	.27	.08	.16	.19	.36	e.89	.32	.12	e.48	.25	.22	.15
20	.09	.08	.16	.03	.34	.28	.28	.13	.24	e.41	.18	.11
21	.08	.11	.16	.03	.31	.28	e.48	.12	.23	.25	.16	.18
22	.20	.16	.89	.27	e1.10	.28	e.60	.13	.24	.27	.16	.10
23	.09	.08	.20	.13	e.76	.28	.30	.14	.26	.28	.17	.10
24	.23	.08	1.4	.04	.31	.28	.20	.14	.27	.24	.19	.11
25	.11	.08	.16	.04	.31	.28	.14	.14	.28	.24	.23	.09
26	.92	.09	.08	.04	.30	.29	.15	.14	.27	.24	.21	.08
27	.19	.11	.23	.34	e.65	.38	.15	.14	.28	.24	.19	.08
28	.16	.12	.04	.04	e.65	.40	.13	.14	e.41	.20	.18	.08
29	.15	.21	.04	.03	---	.39	.12	e.48	.28	.18	.19	.11
30	.15	.31	.03	.03	---	.32	e.82	.21	.25	.16	.19	.28
31	.26	---	.03	.03	---	.29	---	.18	---	.16	e.31	---
TOTAL	4.88	4.08	8.45	2.21	15.69	14.65	12.47	7.02	8.75	8.37	7.11	6.76
MEAN	.16	.14	.27	.071	.56	.47	.42	.23	.29	.27	.23	.23
MAX	.92	.48	1.4	.39	2.4	2.7	1.6	.70	.89	1.0	.55	2.5
MIN	.07	.07	.03	.03	.03	.28	.12	.12	.16	.16	.14	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 1998, BY WATER YEAR (WY)

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SAVANNAH RIVER BASIN

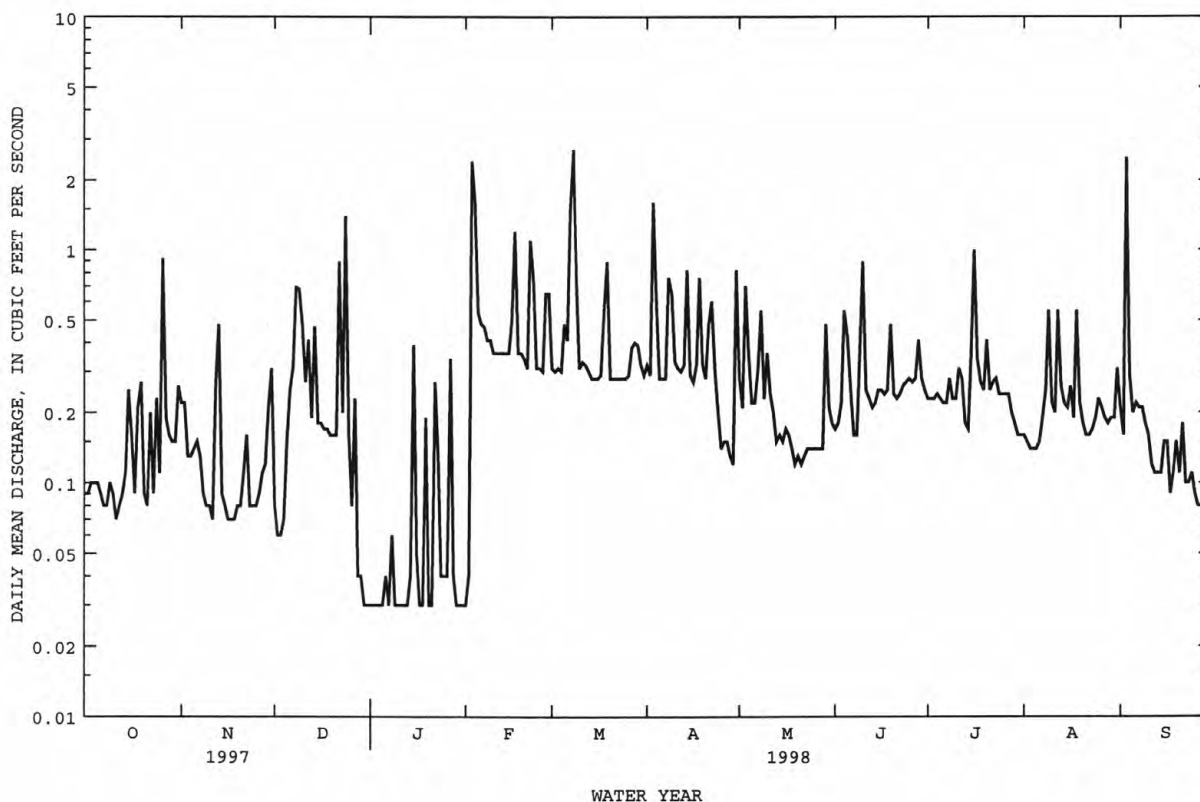
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021973011 H-002 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1997 - 1998
ANNUAL TOTAL	51.17	100.44	
ANNUAL MEAN	.14	.28	.28
HIGHEST ANNUAL MEAN			.28 1998
LOWEST ANNUAL MEAN			.28 1998
HIGHEST DAILY MEAN	1.4 Feb 14	2.7 Mar 8	2.7 Mar 8 1998
LOWEST DAILY MEAN	.03 Jul 11	* .03 Dec 30	* .03 Jul 11 1997
ANNUAL SEVEN-DAY MINIMUM	.03 Jul 17	.03 Dec 30	.03 Jul 17 1997
INSTANTANEOUS PEAK FLOW		Unknown May 29	Unknown Jul 9 1997
INSTANTANEOUS PEAK STAGE		2.76 May 29	2.90 Jul 9 1997
10 PERCENT EXCEEDS	.27	.49	.41
50 PERCENT EXCEEDS	.09	.21	.13
90 PERCENT EXCEEDS	.03	.07	.03

e Estimated

* Also occurred on many days in 1997 - 1998.



SAVANNAH RIVER BASIN

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 and F, at 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.72	.05	.03	.24	.24	e.08	e.39	.05	.03	.03	.05
2	.02	.77	.03	.03	.23	.19	e.07	.11	.04	.03	.03	.03
3	.02	.05	.02	.03	e3.8	.15	e3.1	e.80	.04	.04	.03	e5.2
4	.03	.03	.02	.03	e3.4	.14	e.85	.39	e.80	.03	.02	.33
5	.03	.02	.03	.03	e.33	.25	e.11	.10	.11	.04	.02	.08
6	.05	.03	.03	.03	e.15	.67	e.09	.07	.07	.04	.02	.06
7	.05	.03	.05	.03	e.14	e2.9	e.09	.08	.06	.03	.02	.06
8	.04	.04	e.29	.51	e.14	e5.3	e.83	e.55	.06	.03	.03	.06
9	.04	.03	e1.9	.04	e.14	e1.4	e.80	.08	e.74	.03	e1.2	.05
10	.04	.04	e1.2	.03	e.13	e.15	e.09	.08	e2.6	.04	.05	.05
11	.03	.05	.13	.03	e.12	e.11	e.08	.13	.20	.04	.03	.05
12	.02	e.43	1.1	.02	e.12	e.10	e.08	.07	.07	.05	e.85	.05
13	.02	e2.7	.07	.02	e.12	e.09	e.08	.06	.06	.04	.10	.05
14	.02	.19	1.3	.02	e.12	e.09	e.55	.06	.05	.04	.04	.04
15	.08	.05	.12	e2.9	e.12	e.08	e.08	.06	.05	.04	.03	.03
16	.38	.03	.04	.59	e.12	e.08	e.07	.06	.05	e2.4	e.26	.04
17	.02	.03	.03	.12	e2.5	e.08	e.06	.06	.04	.11	.05	.04
18	.38	.02	.02	.16	.17	e.29	e.51	.06	.04	.05	e1.3	.05
19	e.55	.02	.02	e2.2	.13	e1.7	e.09	.06	.37	.04	.10	.06
20	.02	.02	.02	.42	.12	e.12	e.09	.06	.08	e.51	.04	.05
21	.02	.02	.02	.09	.12	e.11	e.09	.06	.04	.04	.04	.05
22	.19	.41	e2.6	e1.4	e1.3	e.11	e.73	.06	.04	.03	.03	.05
23	.04	.03	.12	1.9	e1.8	e.10	e.09	.06	.04	.04	.03	.05
24	.43	.02	e4.4	.20	.25	e.09	e.07	.05	.04	.04	.03	.05
25	.07	.02	.31	.12	.19	e.09	.07	.06	.04	.03	.03	.05
26	e3.2	.02	.10	.10	.17	e.09	.06	.05	.03	.05	.03	.05
27	.27	.02	e1.5	e2.6	.77	e.09	.06	.04	.03	.04	.02	.05
28	.06	.02	.11	.32	e1.3	e.09	.06	.04	e.29	.04	.02	.03
29	.03	e.10	.07	.27	---	e.08	.06	e.97	.05	.04	.02	.04
30	.02	e1.3	.06	.25	---	e.08	e1.7	.09	.04	.04	.02	.05
31	.33	---	.04	.24	---	e.08	---	.06	---	.03	e.26	---
TOTAL	6.52	7.26	15.80	14.76	18.24	15.14	10.79	4.87	6.22	4.08	4.78	6.90
MEAN	.21	.24	.51	.48	.65	.49	.36	.16	.21	.13	.15	.23
MAX	3.2	2.7	4.4	2.9	3.8	5.3	3.1	.97	2.6	2.4	1.3	5.2
MIN	.02	.02	.02	.02	.12	.08	.06	.04	.03	.03	.02	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1998, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998
MEAN	.20	.13	.21	.32	.32	.29	.15
MAX	.58	.27	.51	.56	.65	.49	.36
(WY)	1995	1993	1998	1993	1998	1998	1998
MIN	.061	.030	.073	.092	.055	.083	.025
(WY)	1996	1997	1997	1996	1996	1997	1994

SAVANNAH RIVER BASIN

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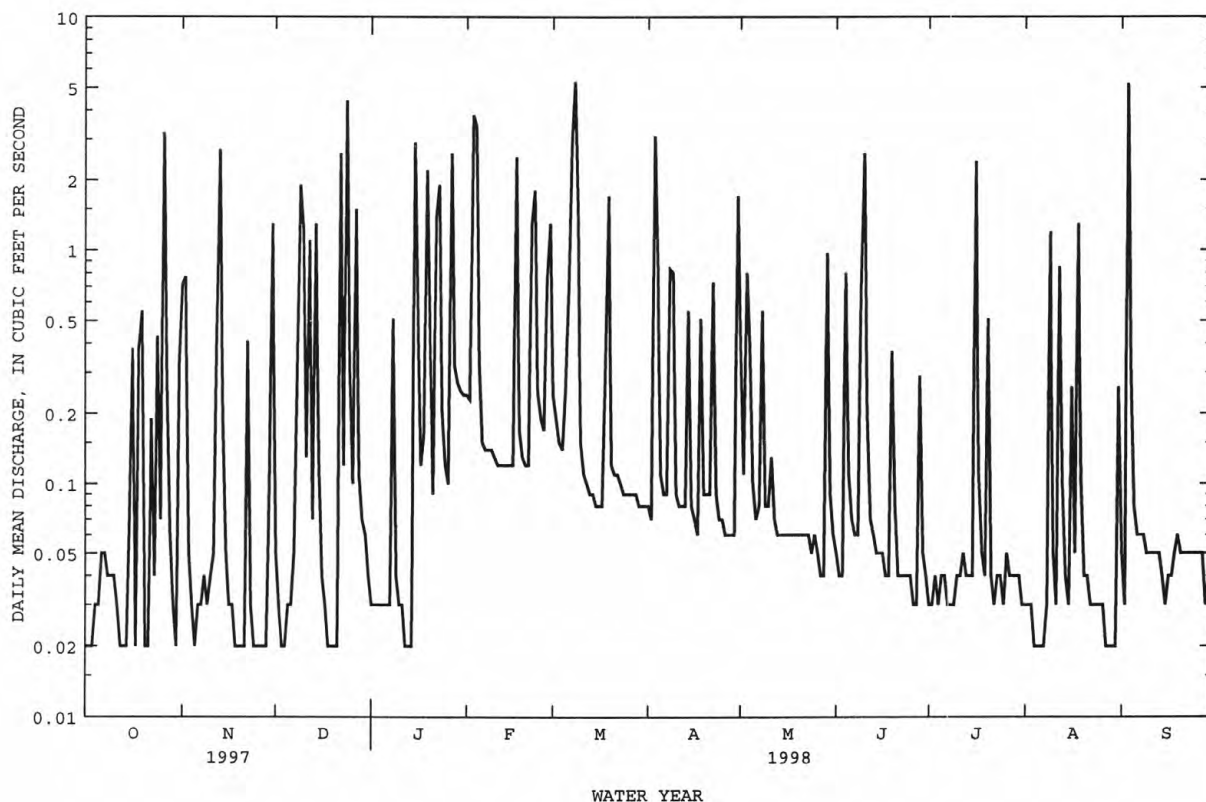
021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1992 - 1998
ANNUAL TOTAL	82.05	115.36	
ANNUAL MEAN	.22	.32	.20
HIGHEST ANNUAL MEAN			.32 1998
LOWEST ANNUAL MEAN			.13 1996
HIGHEST DAILY MEAN	4.4 Dec 24	5.3 Mar 8	7.0 Jan 8 1993
LOWEST DAILY MEAN	** .00 Jan 7	** .02 Oct 1	.00 * Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	.00 Aug 22	.02 Aug 1	.00 * Apr 26 1994
INSTANTANEOUS PEAK FLOW		Unknown Oct 26	Unknown Sep 21 1993
INSTANTANEOUS PEAK STAGE		4.40 Oct 26	5.19 Sep 21 1993
10 PERCENT EXCEEDS	.68	.81	.41
50 PERCENT EXCEEDS	.02	.06	.03
90 PERCENT EXCEEDS	.01	.02	.01

e Estimated

* Also occurred many days every year.

** Also occurred many days during the year.



SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	193	246	385	278	345	535	287	463	211	175	169	225
2	174	296	331	283	333	461	290	523	202	176	167	263
3	165	282	237	292	380	367	340	406	196	176	163	377
4	160	230	224	282	645	341	774	443	195	172	162	890
5	158	207	219	264	754	340	769	470	259	175	159	851
6	157	201	212	320	637	371	477	367	317	175	158	475
7	155	201	207	342	542	420	355	318	252	168	158	279
8	152	205	209	316	537	629	329	379	213	169	173	229
9	151	204	339	323	527	1150	401	415	202	173	191	219
10	151	198	400	285	465	998	460	348	288	173	264	213
11	151	196	388	255	436	638	404	298	454	167	230	202
12	150	199	345	253	431	464	350	299	310	168	192	196
13	151	332	320	265	418	405	337	265	222	168	243	193
14	151	454	296	277	403	390	346	260	203	164	240	190
15	153	428	324	347	394	385	416	271	198	172	204	188
16	201	268	288	560	393	374	408	274	200	255	197	188
17	214	231	243	577	502	370	338	274	194	421	216	188
18	212	219	228	431	616	370	359	272	195	317	232	190
19	257	214	221	392	479	505	419	240	191	227	300	202
20	268	211	216	466	370	567	400	219	216	209	359	212
21	212	214	214	420	344	445	357	214	216	202	226	209
22	195	257	294	329	342	366	392	210	195	186	192	216
23	216	296	457	458	456	352	422	209	185	181	181	211
24	208	251	549	577	534	352	388	213	181	186	178	195
25	218	223	674	484	428	341	345	210	177	189	175	188
26	268	213	614	353	357	317	309	208	174	180	173	185
27	473	210	459	394	371	302	278	204	173	183	170	184
28	463	206	431	570	457	300	264	204	172	193	167	185
29	293	206	395	544	---	296	259	208	187	194	165	192
30	215	300	320	423	---	293	284	227	183	180	164	218
31	204	---	293	370	---	290	---	216	---	174	169	---
TOTAL	6489	7398	10332	11730	12896	13734	11557	9127	6561	6048	6137	7953
MEAN	209	247	333	378	461	443	385	294	219	195	198	265
MAX	473	454	674	577	754	1150	774	523	454	421	359	890
MIN	150	196	207	253	333	290	259	204	172	164	158	184
CFSM	1.03	1.21	1.64	1.86	2.27	2.18	1.90	1.45	1.08	.96	.98	1.31
IN.	1.19	1.36	1.89	2.15	2.36	2.52	2.12	1.67	1.20	1.11	1.12	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1998, BY WATER YEAR (WY)

MEAN	223	246	264	290	295	309	267	218	212	209	220	210
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

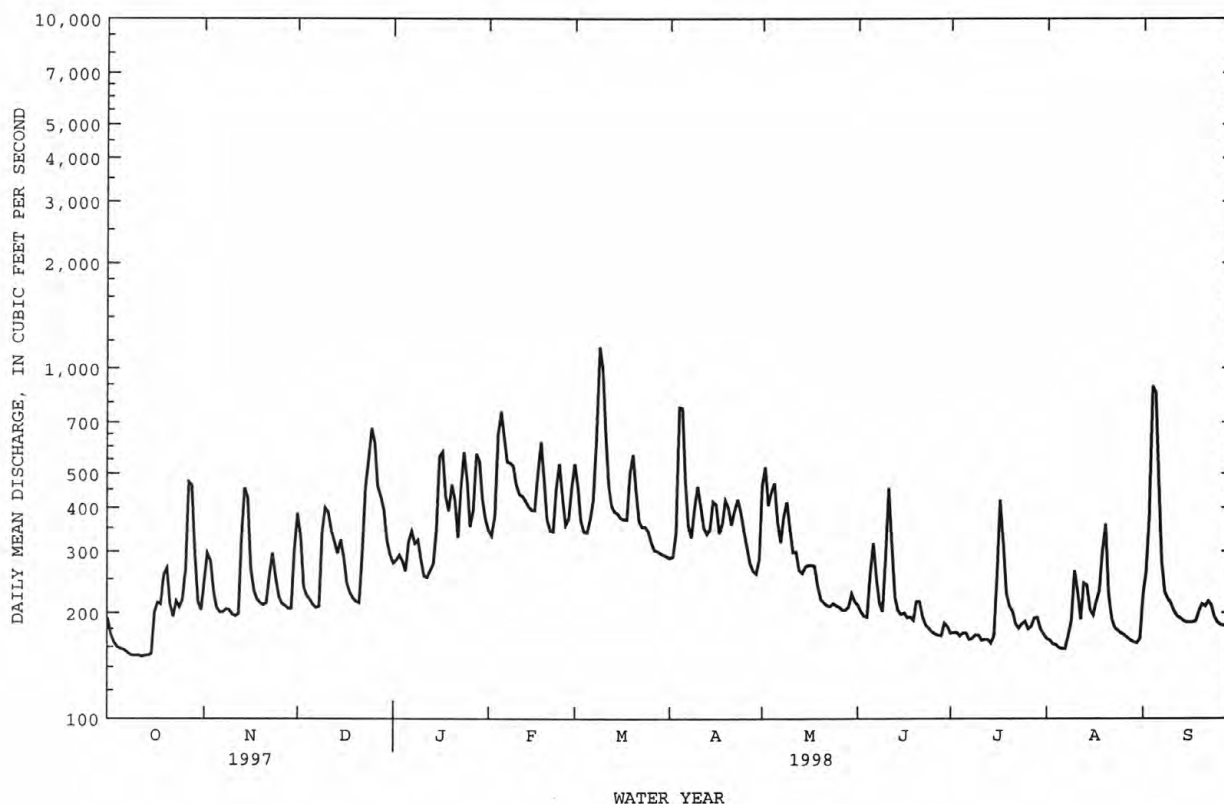
SAVANNAH RIVER BASIN

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02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1974 - 1998	
ANNUAL TOTAL	82855		109962		246	
ANNUAL MEAN	227		301		320	
HIGHEST ANNUAL MEAN					172	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	674	Dec 25	1150	Mar 9	83	Oct 13 1990
LOWEST DAILY MEAN	128	Aug 29	150	Oct 12	84	* Jul 7 1990
ANNUAL SEVEN-DAY MINIMUM	133	Aug 24	151	Oct 8	2580	Jul 6 1990
INSTANTANEOUS PEAK FLOW			1200	Mar 9	7.89	Oct 12 1990
INSTANTANEOUS PEAK STAGE			6.33	Mar 9	1.21	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.12		1.48		16.47	
ANNUAL RUNOFF (INCHES)	15.18		20.15		369	
10 PERCENT EXCEEDS	341		465		225	
50 PERCENT EXCEEDS	207		260		150	
90 PERCENT EXCEEDS	145		173			

* Also occurred on July 8, 11, 1990.



SAVANNAH RIVER BASIN

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 mi², approximately.

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft³/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 ft³/s are not shown for Jan. 29 to Mar. 20, 23 - 25, Apr. 12 - 15, 18 - 26, May 1 - 9, 15 - 18.

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	6300	6900	6720	20400	---	---	19200	---	8930	8480	7830	7490
2	7290	6600	9050	21600	---	---	18300	---	9040	8190	6720	7480
3	6900	6760	8090	e22000	---	---	17600	---	9470	7120	6430	7980
4	6370	7400	7940	21700	---	---	18200	---	9000	6090	7150	13000
5	5880	8120	9000	20800	---	---	20100	---	10300	5990	6520	17700
6	5580	7720	8880	20500	---	---	20600	---	9640	6370	6120	16500
7	7490	5710	7090	20200	---	---	19500	---	8790	7530	6150	12900
8	8270	5310	6310	19200	---	---	18800	---	7210	7250	6350	9840
9	8390	6690	7390	17000	---	---	18900	---	7430	7080	6530	9290
10	7320	5940	6960	16700	---	---	20500	20200	7560	7150	6890	9020
11	6960	6620	7640	19000	---	---	e21900	15400	8980	7280	7000	8070
12	6210	6560	8400	20500	---	---	---	15400	9350	6390	6500	7640
13	5580	7310	8000	21500	---	---	---	18900	8800	5990	6380	7690
14	7190	9050	8480	21700	---	---	---	21100	8480	6580	6330	7770
15	6420	13200	8800	21500	---	---	---	---	8450	7640	7390	8200
16	7460	14400	11500	21600	---	---	e21600	---	9520	7050	7210	8230
17	6490	10000	14000	e22000	---	---	21500	---	9300	8590	6530	8260
18	6130	8450	14400	e22000	---	---	---	---	9050	9460	7410	8320
19	6490	9550	14800	e22000	---	---	---	e21000	9470	8750	7620	8270
20	6100	8690	15300	21600	---	---	---	17500	9350	8570	7250	7210
21	6350	7630	14400	21200	---	e21700	---	14100	8900	8250	7390	6900
22	6100	7050	13300	21200	---	e21800	---	12300	8280	8570	7370	8350
23	6480	6470	14400	21300	---	---	---	15900	8250	8260	6870	8280
24	8010	6510	15500	21500	---	---	---	17800	7640	8210	7580	7900
25	8090	6130	18000	21300	---	---	---	18800	8100	7440	7670	7140
26	6570	6980	20100	20900	---	e21600	---	19200	9090	6600	7060	7350
27	7980	6680	21100	21100	---	20800	21400	19400	8190	6630	7350	6810
28	12000	6370	19900	e21700	---	20700	20800	19300	7090	7400	7210	6580
29	12400	6130	17600	---	---	20600	20600	16500	7680	7310	7210	8200
30	9510	6160	16800	---	---	20600	e21400	11400	8440	7830	7580	8660
31	8370	---	18500	---	---	20200	---	9080	---	7710	7960	---
TOTAL	226680	227090	378350	---	---	---	---	---	259780	231760	217560	267030
MEAN	7312	7570	12200	---	---	---	---	---	8659	7476	7018	8901
MAX	12400	14400	21100	---	---	---	---	---	10300	9460	7960	17700
MIN	5580	5310	6310	---	---	---	---	---	7090	5990	6120	6580
CFSM	.94	.97	1.56	---	---	---	---	---	1.11	.96	.90	1.14
IN.	1.08	1.08	1.80	---	---	---	---	---	1.24	1.11	1.04	1.27

SAVANNAH RIVER BASIN

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02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

SUMMARY STATISTICS

FOR 1998 WATER YEAR

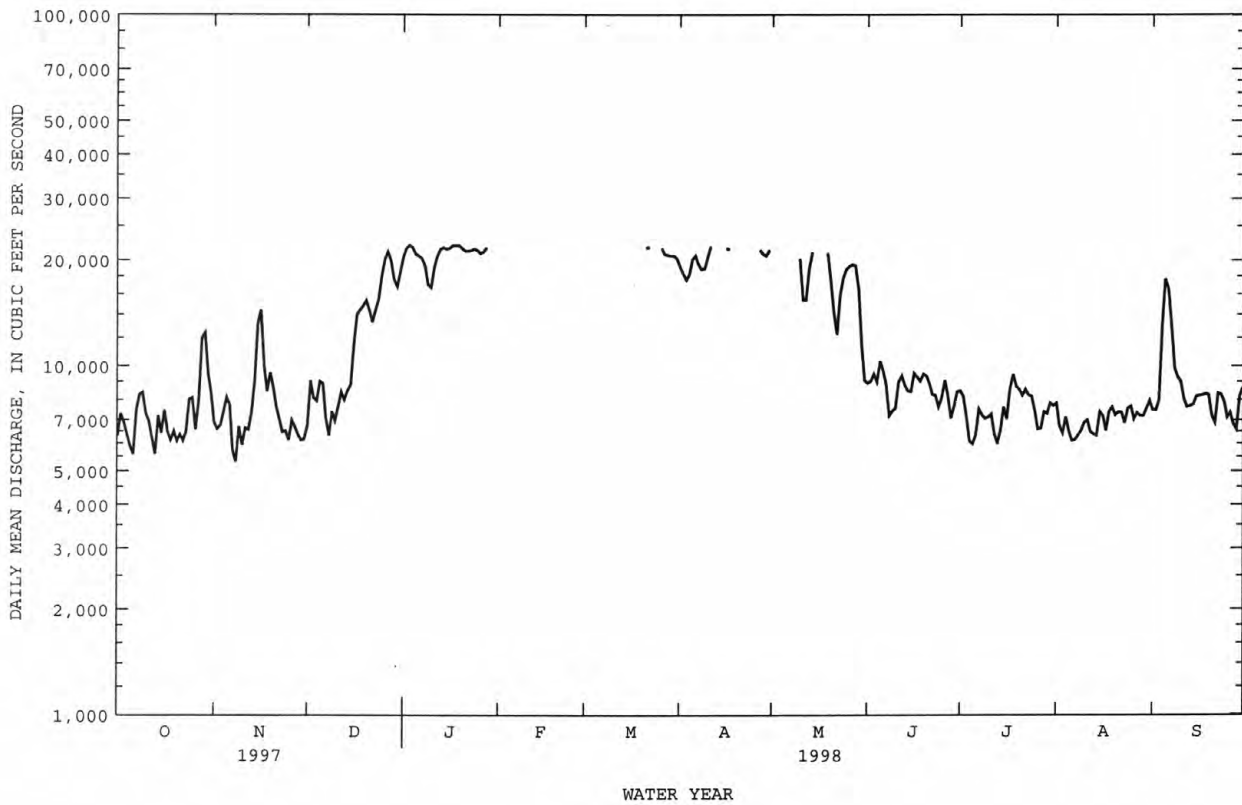
WATER YEARS 1972 - 1998

LOWEST DAILY MEAN
INSTANTANEOUS PEAK FLOW
INSTANTANEOUS PEAK STAGE

5310 Nov 8
Unknown Feb 9
19.83 Feb 9

3220 Dec 9 1981
Unknown Apr 11 1983
21.57 Apr 11 1983

e Estimated



SAVANNAH RIVER BASIN

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	2.3	2.2	2.5	3.3	3.5	2.6	7.8	2.7	2.2	2.3	2.2
2	2.1	2.3	2.2	2.5	3.3	3.1	2.2	5.9	2.7	2.2	2.2	2.1
3	2.1	2.1	2.2	2.5	5.6	2.9	e8.9	6.0	2.6	2.2	2.2	e10
4	2.1	2.1	2.2	2.5	7.1	2.9	e10	6.1	2.5	2.2	2.2	3.6
5	2.1	2.0	2.2	2.5	5.4	3.5	5.4	5.6	2.7	2.3	2.2	2.6
6	2.1	2.1	2.2	e7.4	4.5	4.0	4.2	5.0	2.6	2.2	2.2	2.3
7	2.2	2.1	2.1	3.6	4.0	6.6	3.7	4.8	2.4	2.2	2.2	2.3
8	2.1	2.1	2.3	3.7	3.8	e18	4.1	e8.0	2.4	2.6	2.9	2.3
9	2.2	2.0	3.7	3.1	3.8	e16	5.9	5.9	2.7	2.9	2.5	2.2
10	2.2	2.0	3.6	3.0	3.4	6.6	5.3	5.6	3.3	2.5	2.4	2.1
11	2.2	2.0	2.4	3.0	2.8	4.8	4.7	5.1	2.8	2.4	2.2	2.2
12	2.2	2.4	2.9	3.0	2.7	4.2	4.3	4.6	2.5	2.3	2.2	2.2
13	2.3	3.7	2.3	3.0	2.7	3.9	3.9	4.3	2.4	2.3	2.2	2.2
14	2.4	2.3	3.0	3.1	2.7	3.7	5.4	4.2	2.3	2.3	2.2	2.2
15	2.8	2.2	2.3	e7.9	2.4	3.4	5.0	4.0	2.3	3.2	2.2	2.2
16	2.6	2.2	2.2	4.6	2.6	3.1	4.6	3.5	2.3	e8.0	2.2	2.2
17	2.3	2.2	2.2	3.4	e7.1	3.0	4.4	3.5	2.3	5.1	2.2	2.2
18	2.4	2.2	2.2	3.3	3.6	e6.8	5.6	3.5	2.3	3.2	2.2	2.2
19	2.7	2.2	2.2	e6.4	3.2	e11	4.8	3.3	2.4	2.6	2.1	2.3
20	2.4	2.2	2.2	3.8	3.0	6.0	4.6	3.3	2.4	3.1	2.1	2.2
21	2.3	2.2	2.2	3.3	2.8	4.5	4.5	3.3	2.3	2.5	2.1	2.4
22	2.5	2.3	e5.6	e5.2	4.3	3.9	5.7	3.1	2.3	2.4	2.0	2.3
23	2.4	2.2	2.7	6.7	5.1	3.6	4.9	3.1	2.4	2.6	2.1	2.2
24	2.5	2.1	e9.4	4.3	3.9	3.3	4.6	3.1	2.3	2.6	2.1	2.2
25	2.4	2.1	3.5	3.7	3.3	3.0	4.3	3.1	2.2	2.5	2.1	2.1
26	e5.3	2.2	2.9	3.6	3.2	2.9	4.1	3.0	2.2	2.4	2.1	2.0
27	2.5	2.2	4.4	e8.5	4.0	2.8	3.6	2.9	2.3	2.4	2.1	2.1
28	2.1	2.1	2.9	4.6	4.3	2.7	3.4	2.8	2.3	2.5	2.1	2.1
29	2.2	2.3	2.7	3.9	---	2.6	3.4	2.8	2.2	2.3	2.1	2.1
30	2.1	3.1	2.6	3.6	---	2.5	e6.9	3.0	2.2	2.2	2.1	2.3
31	2.3	---	2.5	3.5	---	2.5	---	2.8	---	2.3	2.1	---
TOTAL	74.2	67.5	90.2	125.7	107.9	151.3	145.0	133.0	73.3	84.7	68.1	75.6
MEAN	2.39	2.25	2.91	4.05	3.85	4.88	4.83	4.29	2.44	2.73	2.20	2.52
MAX	5.3	3.7	9.4	8.5	7.1	18	10	8.0	3.3	8.0	2.9	10
MIN	2.1	2.0	2.1	2.5	2.4	2.5	2.2	2.8	2.2	2.2	2.0	2.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1998, BY WATER YEAR (WY)

MEAN	2.66	2.65	2.56	2.87	2.77	2.83	2.43	2.21	2.30	2.59	2.54	2.50
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	1.93	1.80	1.53	1.55	.78	.56	.96	.94	1.69	1.96	1.75
(WY)	1988	1992	1987	1989	1989	1992	1992	1986	1991	1990	1987	1987

SAVANNAH RIVER BASIN

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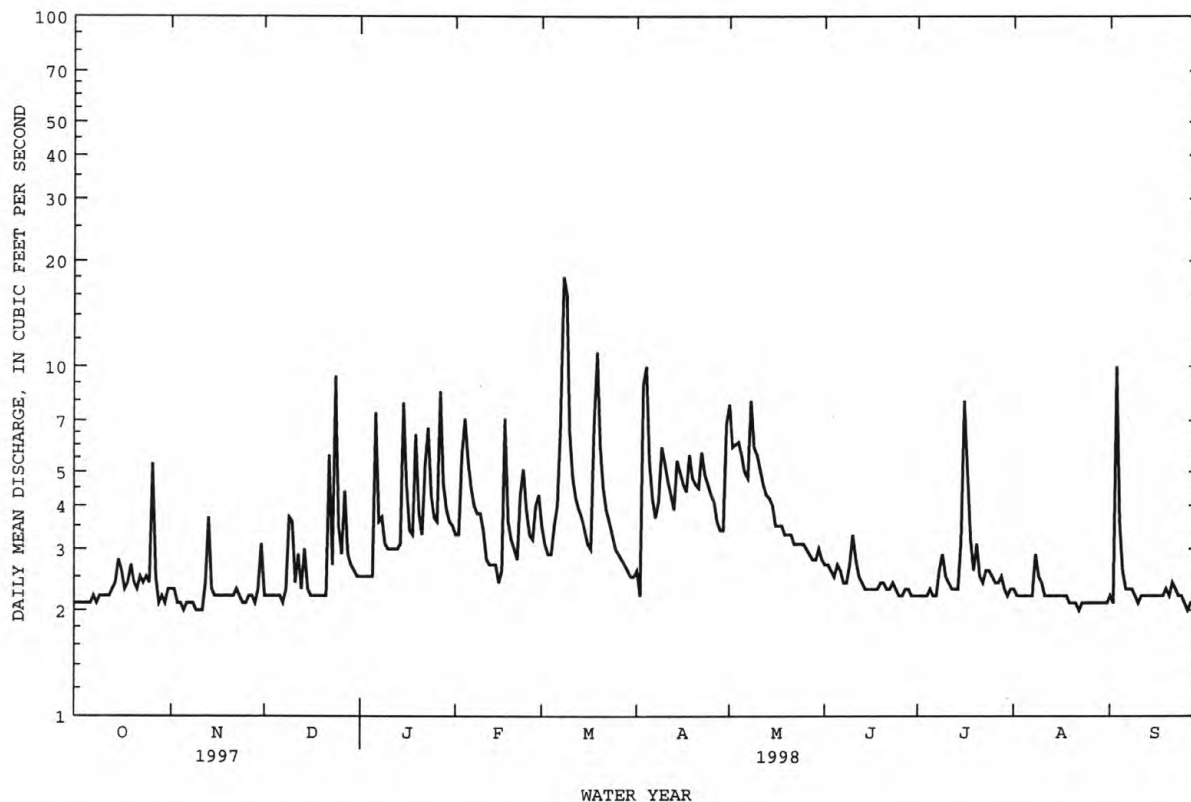
02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1984 - 1998
ANNUAL TOTAL	942.7	1196.5	
ANNUAL MEAN	2.58	3.28	2.57
HIGHEST ANNUAL MEAN			3.82
LOWEST ANNUAL MEAN			1.98
HIGHEST DAILY MEAN	16 Jul 9	18 Mar 8	18 Mar 8 1998
LOWEST DAILY MEAN	1.9 ** Apr 8	2.0 * Nov 5	.19 Apr 27 1992
ANNUAL SEVEN-DAY MINIMUM	1.9 Apr 8	2.0 Nov 5	.39 Apr 23 1992
INSTANTANEOUS PEAK FLOW		Unknown Jul 16	Unknown Oct 1 1989
INSTANTANEOUS PEAK STAGE		4.70 Jul 16	5.51 Jun 10 1993
10 PERCENT EXCEEDS	3.0	5.3	3.5
50 PERCENT EXCEEDS	2.3	2.6	2.5
90 PERCENT EXCEEDS	2.0	2.1	1.5

e Estimated

* Also occurred on Nov. 9 - 11, Aug. 22, Sept. 26.

** Also occurred on Apr. 9 - 11, 13, 14, 25.



SAVANNAH RIVER BASIN

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.03	.02	e.00	e.01	.03	.05	.09	.08	.07	.08	.07
2	.02	.03	.02	e.00	.01	.03	.05	.08	.08	.07	.08	.07
3	.02	.02	.02	e.00	e.08	.03	e.20	.15	.08	.07	.08	e.52
4	.02	.02	.02	e.00	.10	.03	.08	.09	.08	.09	.07	.06
5	.02	.02	e.01	e.00	.01	.06	.05	.08	.08	.07	.08	.06
6	.02	.02	e.01	e.01	.01	.05	.05	.09	.08	.07	.08	.06
7	.02	.02	e.01	e.00	.01	.13	.05	.11	.08	.07	.07	.06
8	.02	.02	e.02	e.02	.01	e.27	.10	e.12	.07	e.10	e.12	.06
9	.02	.02	e.03	e.00	.01	.04	.07	.09	e.10	e.11	.10	.06
10	.02	.02	e.03	e.00	.01	.03	.07	.10	e.11	.07	.08	.06
11	.02	.02	e.01	e.00	.01	.03	.07	.09	.07	.07	.07	.06
12	.02	.09	e.02	e.00	.01	.03	.07	.08	.07	.07	.07	.06
13	.02	.08	e.01	e.01	.01	.03	.08	.08	.07	.07	.07	.06
14	.02	.02	e.02	e.01	.01	.04	.15	.08	.07	.07	.07	.06
15	e.05	.02	e.00	e.09	.01	.03	.07	.08	.08	e.12	.07	.06
16	.03	.02	e.00	e.01	.01	.04	.07	.08	.08	e.22	.07	.06
17	.01	.02	e.00	e.01	e.05	.05	.07	.08	.08	.13	.07	.07
18	.05	.02	e.00	e.01	.01	e.10	.15	.08	.08	.07	.07	.07
19	.04	.02	e.00	e.04	.01	.11	.07	.07	.08	.07	.07	.07
20	.02	.02	e.02	e.01	.01	.04	.07	.08	.07	.12	.07	.06
21	.02	.02	e.00	e.01	.01	.05	.14	.08	.07	.08	.07	.07
22	.03	.03	e.04	e.04	.10	.05	.10	.08	.08	.08	.07	.06
23	.01	.02	e.02	.04	.04	.05	.08	.09	.07	.10	.07	.06
24	.03	.02	e.10	e.01	.03	.05	.08	.09	.07	.07	.07	.06
25	.02	.02	e.00	e.01	.03	.05	.08	.09	.07	.07	.07	.06
26	e.12	.02	e.00	e.01	.03	.05	.08	.09	.07	.08	.07	.06
27	.02	.02	e.02	e.06	.06	.05	.08	.09	.10	.08	.07	.06
28	.02	.01	e.01	e.01	.05	.05	.08	.10	.07	.08	.07	.07
29	.02	.06	e.00	e.01	---	.05	.08	.11	.07	.08	.07	.06
30	.02	.05	e.00	e.01	---	.05	e.17	.12	.07	.08	.07	.07
31	.06	---	e.00	e.01	---	.05	---	.09	---	.08	.08	---
TOTAL	0.85	0.82	0.46	0.44	0.75	1.75	2.61	2.83	2.33	2.68	2.32	2.34
MEAN	.027	.027	.015	.014	.027	.056	.087	.091	.078	.086	.075	.078
MAX	.12	.09	.10	.09	.10	.27	.20	.15	.11	.22	.12	.52
MIN	.01	.01	.00	.00	.01	.03	.05	.07	.07	.07	.07	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1998, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
MEAN	.11	.11	.13	.10	.093	.087	.084	.087	.11	.11	.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			

SAVANNAH RIVER BASIN

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02197324 D-003 AT SAVANNAH RIVER SITE, SC--Continued

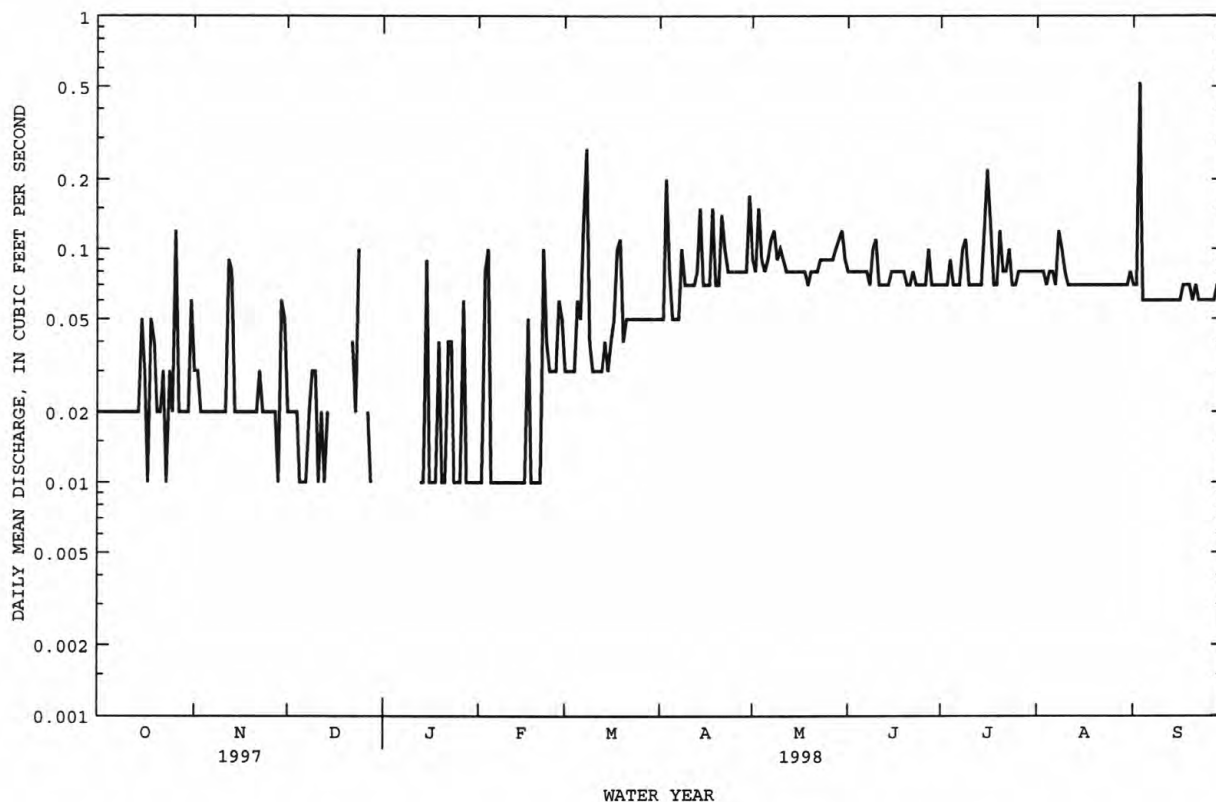
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1984 - 1998
ANNUAL TOTAL	13.49	20.18	
ANNUAL MEAN	.037	.055	.11
HIGHEST ANNUAL MEAN			.48 1994
LOWEST ANNUAL MEAN			.013 1995
HIGHEST DAILY MEAN	.24 Feb 14	.52 Sep 3	1.2 Jun 27 1994
LOWEST DAILY MEAN	** .00 Dec 15	*** .00 Dec 15	* .00 Jun 23 1986
ANNUAL SEVEN-DAY MINIMUM	.00 Dec 15	.00 Dec 29	.00 Jun 25 1986
INSTANTANEOUS PEAK FLOW		Unknown Apr 30	Unknown May 31 1997
INSTANTANEOUS PEAK STAGE		3.93 Apr 30	4.95 Oct 1 1989
10 PERCENT EXCEEDS	.06	.09	.23
50 PERCENT EXCEEDS	.03	.06	.07
90 PERCENT EXCEEDS	.01	.01	.02

e Estimated

* No flow also occurred many days in 1986, 1995, 1996, 1997, and 1998.

** Also occurred many days in December.

*** Also occurred on many days in December and January.



SAVANNAH RIVER BASIN

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 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above sea level (from topographic map).

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	86	68	80	131	125	114	120	104	107	87	89
2	59	86	68	81	132	125	113	119	104	107	86	87
3	55	85	70	80	133	125	117	120	103	107	82	93
4	55	85	78	80	135	124	115	120	103	106	78	93
5	55	84	78	67	132	125	113	119	104	106	77	92
6	55	85	77	81	131	125	111	119	105	106	76	92
7	57	84	69	82	131	126	113	120	105	106	76	81
8	59	84	e68	80	130	131	112	121	104	106	76	79
9	63	84	e69	80	130	127	113	119	105	106	76	79
10	85	84	e70	80	130	122	113	118	105	106	76	79
11	87	83	e70	80	130	113	113	117	106	106	76	79
12	86	83	71	80	130	112	113	116	106	105	76	79
13	88	85	70	81	129	112	113	116	106	105	76	82
14	88	84	70	83	129	111	114	116	106	105	76	83
15	87	85	70	99	128	111	114	116	106	105	76	83
16	87	85	70	99	128	111	115	115	107	109	76	83
17	86	82	71	99	131	111	114	115	107	108	80	83
18	86	67	71	100	128	111	116	114	106	107	81	84
19	86	66	71	103	127	117	115	114	107	106	81	84
20	86	65	70	105	127	120	115	113	106	106	81	84
21	86	63	69	116	126	120	115	112	106	106	81	83
22	86	63	73	118	127	119	117	111	106	105	83	84
23	85	61	76	121	127	118	116	111	106	105	90	85
24	86	68	86	120	126	117	116	111	106	102	90	86
25	95	75	82	120	126	117	116	110	107	94	90	86
26	99	74	80	113	125	116	116	110	107	92	90	86
27	97	73	82	126	126	116	117	109	107	91	90	86
28	97	72	80	125	125	115	117	109	106	90	90	83
29	94	71	80	127	---	115	117	107	107	89	91	81
30	86	71	80	129	---	115	119	106	107	88	90	82
31	86	---	80	130	---	114	---	105	---	88	89	---
TOTAL	2475	2323	2287	3065	3610	3666	3442	3548	3170	3175	2543	2530
MEAN	79.8	77.4	73.8	98.9	129	118	115	114	106	102	82.0	84.3
MAX	99	86	86	130	135	131	119	121	107	109	91	93
MIN	55	61	68	67	125	111	111	105	103	88	76	79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1998, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	81.6	77.3	74.9	72.8	75.2	78.3	80.1	81.4	86.3	92.6	91.7	87.7							
MAX	100	101	97.7	98.9	129	118	115	114	109	113	116	107							
(WY)	1987	1986	1983	1998	1998	1998	1998	1998	1975	1974	1991	1975							
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							

SAVANNAH RIVER BASIN

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02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC--Continued

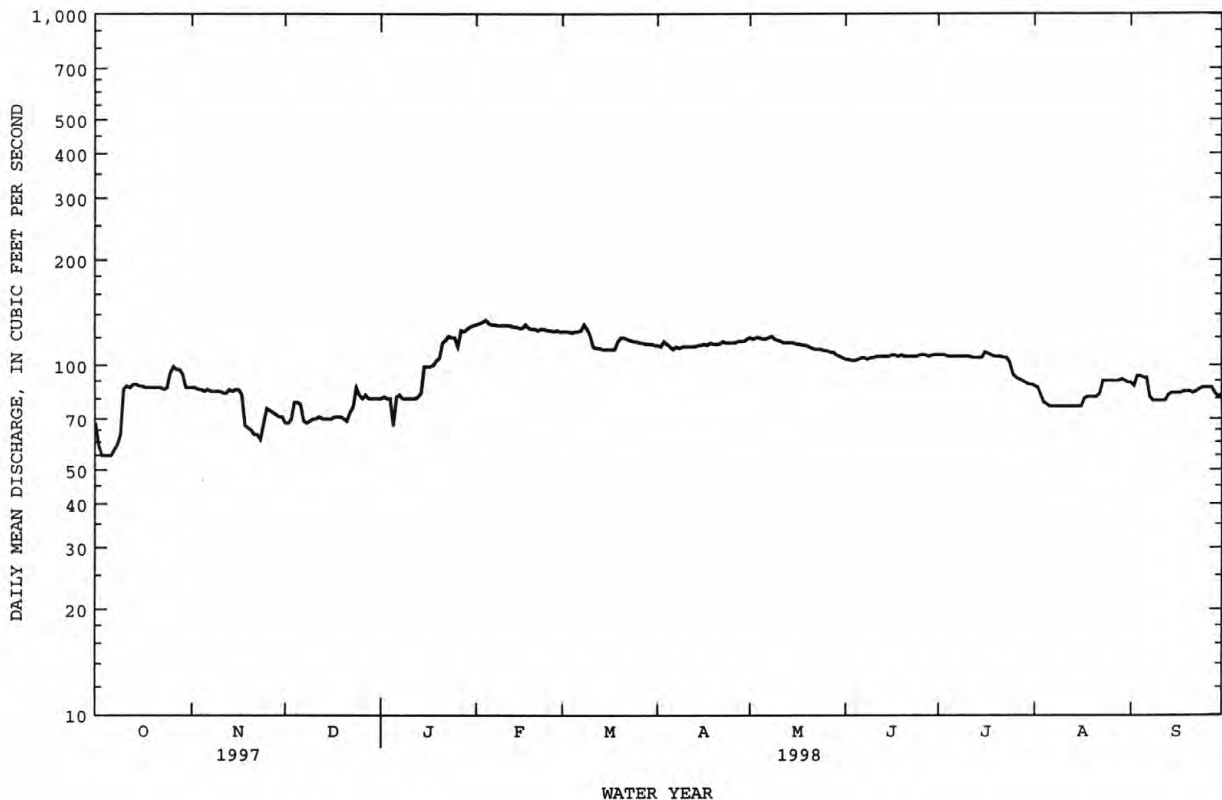
SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1974 - 1998	
ANNUAL TOTAL	26148		35834			
ANNUAL MEAN	71.6		98.2		81.2	
HIGHEST ANNUAL MEAN					98.2	
LOWEST ANNUAL MEAN					66.6	
HIGHEST DAILY MEAN	99	Oct 26	135	Feb 4	135	Feb 4 1998
LOWEST DAILY MEAN	47	*** Mar 1	55	** Oct 3	14	Jan 23 1975
ANNUAL SEVEN-DAY MINIMUM	48	Feb 24	56	Oct 2	16	Jan 14 1975
INSTANTANEOUS PEAK FLOW			141	Mar 8	* 224	Jun 29 1984
INSTANTANEOUS PEAK STAGE			1.45	Mar 8	3.38	Jun 29 1984
10 PERCENT EXCEEDS	86		125		103	
50 PERCENT EXCEEDS	72		104		83	
90 PERCENT EXCEEDS	56		71		62	

e Estimated

* From rating curve extended above 110 ft³/s.

** Also occurred Oct. 4, 5, 6.

*** Also occurred Mar. 2.



SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	2.0	1.6	4.4	7.9	11	12	18	2.5	2.9	2.9	4.0
2	2.9	2.5	1.3	4.1	8.1	11	11	10	2.2	2.4	2.9	3.8
3	2.9	2.1	1.9	5.4	16	11	e40	12	2.0	2.2	2.9	16
4	2.9	2.1	2.8	6.7	35	11	55	17	2.9	2.3	2.7	3.7
5	2.8	2.0	4.0	6.8	18	14	21	9.8	4.3	2.6	2.7	1.5
6	3.1	1.8	4.7	7.0	11	20	15	8.4	3.2	2.1	2.8	1.3
7	2.8	2.0	4.9	7.1	9.8	32	13	9.1	2.6	3.0	3.0	1.2
8	2.7	2.0	6.0	8.1	9.0	e95	24	22	2.1	3.2	3.2	1.2
9	2.7	1.9	9.5	7.6	8.6	e120	37	11	3.2	3.6	4.2	1.3
10	2.7	1.9	7.6	7.4	8.3	16	20	8.6	13	3.5	3.5	1.3
11	2.8	2.3	7.4	7.5	8.3	12	16	9.5	5.6	3.3	3.4	1.4
12	2.7	3.1	8.3	7.4	8.5	11	14	7.8	3.7	3.0	3.9	1.4
13	2.6	7.6	7.8	7.5	8.5	13	13	6.5	3.3	2.7	3.9	1.6
14	2.5	3.8	9.1	7.8	8.5	15	21	6.1	2.9	2.4	3.5	1.7
15	3.7	2.9	8.2	13	9.1	14	19	5.6	2.8	2.6	3.3	1.8
16	4.5	2.4	7.9	12	9.8	13	15	4.7	2.6	5.4	3.3	1.7
17	3.2	2.2	8.1	8.7	20	12	15	4.6	2.2	3.2	3.1	1.7
18	3.9	2.1	8.5	8.1	12	14	27	4.5	2.1	2.5	3.4	1.8
19	6.8	2.0	8.5	12	10	39	18	4.0	2.5	2.3	4.0	1.9
20	4.4	2.0	8.2	9.3	11	19	14	4.2	2.8	2.7	3.2	1.9
21	2.8	2.3	8.6	8.7	10	15	13	4.3	2.3	2.4	3.2	1.9
22	3.1	2.7	12	10	12	14	19	3.4	2.3	2.4	2.8	2.0
23	3.2	2.2	9.2	19	16	12	14	3.2	1.9	2.5	2.8	1.9
24	3.6	2.1	20	12	12	12	12	2.9	1.8	2.6	2.9	2.0
25	3.5	1.9	15	8.6	11	12	12	2.7	1.6	2.6	3.3	2.2
26	e17	1.7	8.5	7.5	11	11	10	2.6	1.5	2.6	3.4	2.3
27	9.5	1.6	10	16	12	11	9.9	2.3	1.6	2.6	3.4	2.2
28	4.2	1.5	7.5	12	12	11	8.3	1.9	2.8	2.9	3.4	2.1
29	1.9	1.6	6.0	8.2	---	10	8.0	5.1	2.8	2.7	3.4	2.1
30	e1.9	2.5	5.2	8.0	---	11	15	4.6	2.6	2.9	3.5	2.4
31	e2.0	---	4.6	8.1	---	11	---	3.2	---	3.1	3.9	---
TOTAL	118.5	70.8	232.9	276.0	333.4	633	541.2	219.6	89.7	87.2	101.8	73.3
MEAN	3.82	2.36	7.51	8.90	11.9	20.4	18.0	7.08	2.99	2.81	3.28	2.44
MAX	17	7.6	20	19	35	120	55	22	13	5.4	4.2	16
MIN	1.9	1.5	1.3	4.1	7.9	10	8.0	1.9	1.5	2.1	2.7	1.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1998, BY WATER YEAR (WY)

	5.18	5.69	7.06	9.25	11.5	12.3	9.43	6.52	5.20	5.47	5.92	5.25
MEAN	5.18	5.69	7.06	9.25	11.5	12.3	9.43	6.52	5.20	5.47	5.92	5.25
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	2.42	2.36	3.18	3.15	3.46	4.70	3.79	2.32	2.16	1.75	2.03	2.44
(WY)	1986	1998	1989	1989	1989	1990	1985	1985	1990	1980	1980	1998

SAVANNAH RIVER BASIN

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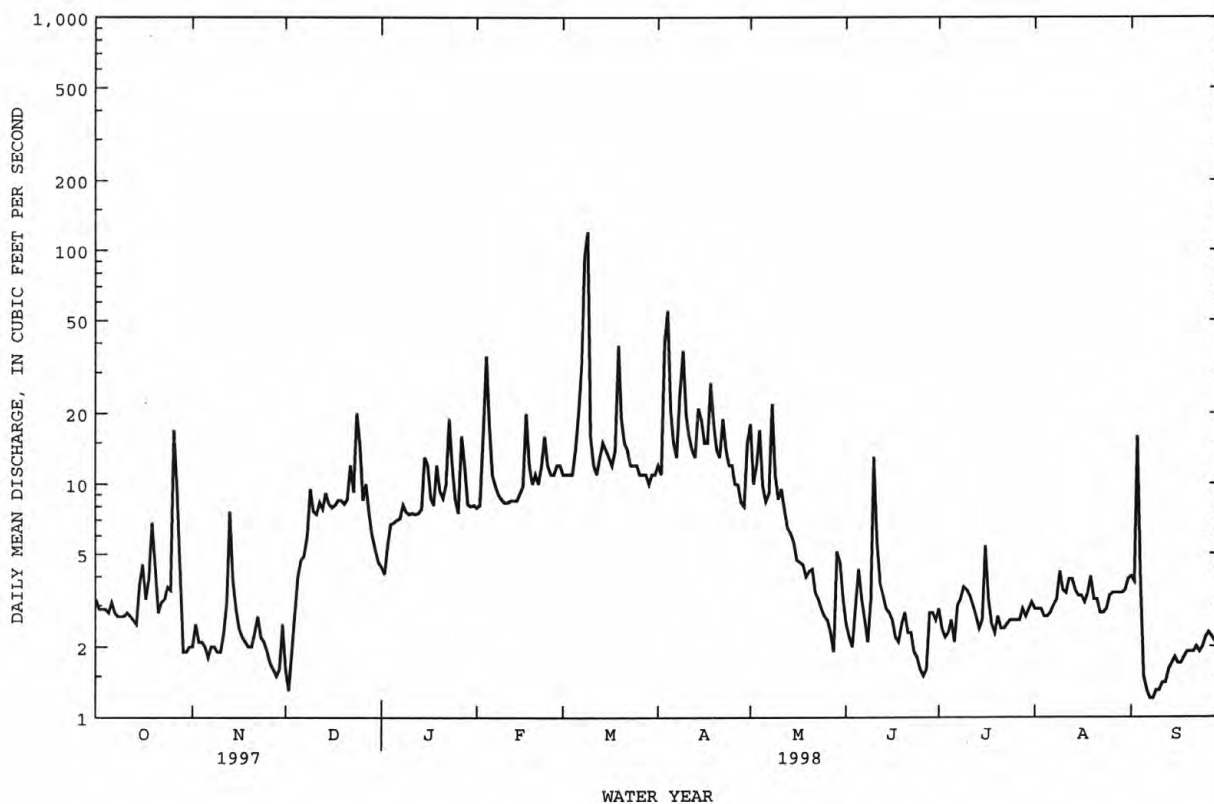
02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1973 - 1998
ANNUAL TOTAL	1880.2	2777.4	
ANNUAL MEAN	5.15	7.61	7.15
HIGHEST ANNUAL MEAN			13.6
LOWEST ANNUAL MEAN			4.18
HIGHEST DAILY MEAN	41 ** Feb 14	120 Mar 9	155 Aug 2 1991
LOWEST DAILY MEAN	1.1 May 23	1.2 * Sep 7	.61 Jun 6 1974
ANNUAL SEVEN-DAY MINIMUM	1.5 May 18	1.3 Sep 6	1.3 Sep 6 1998
INSTANTANEOUS PEAK FLOW		Unknown Mar 8	Unknown Aug 1 1991
INSTANTANEOUS PEAK STAGE		5.88 Mar 8	5.99 Aug 1 1991
10 PERCENT EXCEEDS	8.5	15	13
50 PERCENT EXCEEDS	3.6	4.0	5.2
90 PERCENT EXCEEDS	2.1	1.9	2.7

e Estimated

* Also occurred on Sept. 8.

** Also occurred on Feb. 22.



SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	2.9	2.9	2.0	2.5	2.4	4.2	4.5	4.0	3.6	1.5	1.6
2	1.4	2.9	2.0	1.9	2.8	2.7	4.3	4.3	3.9	3.9	1.7	1.2
3	1.3	1.9	1.9	1.8	7.4	2.4	12	6.1	3.9	3.8	1.7	14
4	1.3	1.9	1.9	1.9	5.5	2.3	5.9	4.6	4.8	3.8	1.7	3.4
5	1.3	1.8	2.0	1.9	3.6	2.3	6.8	5.2	4.0	3.7	1.6	3.3
6	1.3	1.6	1.9	2.9	3.4	2.2	5.8	4.8	3.8	3.8	1.4	2.9
7	1.4	1.2	1.8	2.1	3.3	4.1	4.8	4.5	3.9	3.7	1.4	2.9
8	1.6	1.5	3.2	2.4	2.5	14	5.7	5.4	3.8	3.8	1.9	1.8
9	1.6	1.6	4.0	2.4	2.6	5.0	5.2	4.8	4.3	3.8	2.4	1.7
10	1.7	1.5	3.1	2.7	2.6	5.2	4.4	5.0	5.3	3.7	2.1	2.4
11	1.7	1.6	3.0	2.5	2.7	5.6	4.4	4.8	4.0	3.8	1.9	2.5
12	1.5	2.6	3.1	2.3	2.9	6.8	4.5	4.1	4.0	3.7	2.9	1.9
13	1.5	3.6	2.7	2.6	3.1	5.1	4.7	4.0	4.4	3.7	2.0	1.6
14	1.5	2.3	2.6	2.9	2.9	4.6	6.1	4.2	3.9	3.7	1.9	1.6
15	2.8	2.3	2.1	7.8	2.6	4.4	4.3	4.3	4.2	5.9	1.8	1.4
16	2.4	2.5	2.2	2.9	2.8	4.5	4.3	4.2	3.9	8.9	1.7	1.6
17	2.5	2.2	2.2	3.5	7.8	5.0	4.8	4.0	3.6	3.8	1.3	1.7
18	2.5	2.3	2.2	3.5	3.8	6.5	5.9	4.3	3.7	3.7	2.9	1.6
19	2.3	2.3	2.8	5.1	3.8	5.9	5.4	4.5	4.5	3.6	2.9	1.5
20	2.0	2.2	2.4	2.6	3.9	4.3	4.8	4.5	4.2	3.2	2.9	1.6
21	2.3	2.3	2.1	2.7	3.6	4.8	5.0	4.2	4.2	3.2	1.8	1.7
22	2.5	3.1	5.7	5.6	5.5	5.0	4.9	4.7	4.7	1.9	1.4	1.5
23	2.9	1.9	2.1	4.0	4.4	5.2	4.3	4.5	4.8	1.9	2.3	1.8
24	2.7	2.0	10	3.6	3.9	5.4	3.9	4.0	3.8	1.8	1.4	1.6
25	2.2	1.9	3.5	3.1	4.4	5.8	4.0	3.9	2.8	1.8	1.4	1.6
26	8.4	2.0	3.4	3.2	4.2	5.7	3.8	3.8	3.1	1.8	1.6	1.6
27	2.4	2.0	4.2	6.7	4.5	4.3	3.6	3.9	4.5	1.8	1.6	1.6
28	3.1	2.1	2.9	2.3	5.0	4.4	4.8	4.8	5.9	1.6	1.2	1.4
29	2.3	2.6	2.0	2.5	---	4.4	4.4	4.0	3.7	2.4	1.8	1.5
30	1.9	3.2	1.9	2.4	---	4.4	6.5	3.8	3.5	1.9	1.5	2.0
31	2.4	---	2.2	2.4	---	4.1	---	3.8	---	1.7	5.2	---
TOTAL	68.0	65.8	90.0	96.2	108.0	148.8	153.5	137.5	123.1	103.4	60.8	68.5
MEAN	2.19	2.19	2.90	3.10	3.86	4.80	5.12	4.44	4.10	3.34	1.96	2.28
MAX	8.4	3.6	10	7.8	7.8	14	12	6.1	5.9	8.9	5.2	14
MIN	1.3	1.2	1.8	1.8	2.5	2.2	3.6	3.8	2.8	1.6	1.2	1.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1998, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	2.74	2.65	2.70	2.94	3.16	2.93	2.70	2.66	2.91	2.64	2.55	2.48								
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								

SAVANNAH RIVER BASIN

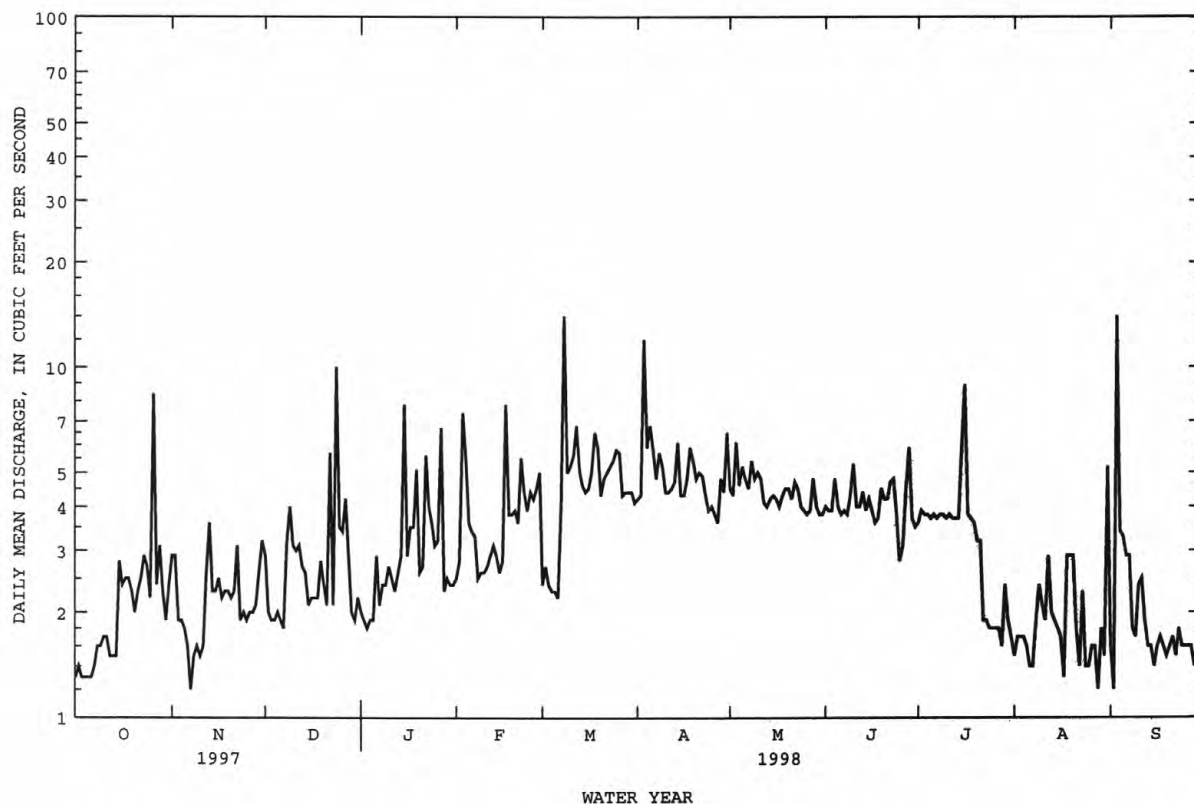
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02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1973 - 1998
ANNUAL TOTAL	1110.7	1223.6	
ANNUAL MEAN	3.04	3.35	2.78
HIGHEST ANNUAL MEAN			3.74 1989
LOWEST ANNUAL MEAN			1.72 1992
HIGHEST DAILY MEAN	13 Jul 9	14 Mar 8	48 Oct 12 1990
LOWEST DAILY MEAN	1.1 Sep 5	1.2 ** Nov 7	.46 Jul 30 1990
ANNUAL SEVEN-DAY MINIMUM	1.3 Sep 11	1.3 Oct 1	.60 Jul 26 1990
INSTANTANEOUS PEAK FLOW		103 Apr 3	* 448 Jun 24 1995
INSTANTANEOUS PEAK STAGE		3.65 Apr 3	9.46 Jun 24 1995
10 PERCENT EXCEEDS	4.2	5.2	4.0
50 PERCENT EXCEEDS	3.0	3.0	2.4
90 PERCENT EXCEEDS	1.6	1.6	1.7

* From rating curve extended above 5 ft³/s based on contracted opening indirect computations.

** Also occurred Aug. 28, Sept. 2.



SAVANNAH RIVER BASIN

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 mi².

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 Dept. 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	3.2	2.9	2.4	2.7	3.1	4.3	5.0	4.0	3.8	1.6	2.1
2	1.7	3.4	2.4	2.3	2.8	3.2	4.4	4.6	4.0	3.9	1.7	1.7
3	1.7	2.6	2.3	2.3	e7.1	3.1	e11	e6.6	4.0	3.9	1.7	e16
4	1.6	2.6	2.3	2.3	e7.8	2.9	6.1	5.1	4.7	3.8	1.6	4.0
5	1.6	2.5	2.4	2.4	3.8	3.0	6.0	5.1	4.1	3.8	1.6	3.7
6	1.6	2.5	2.3	3.0	3.3	2.9	5.4	4.9	3.9	3.8	1.5	3.2
7	1.6	2.2	2.2	2.5	3.2	4.7	4.8	4.7	3.8	3.8	1.5	3.2
8	1.7	2.3	3.2	2.8	2.8	e18	5.7	e6.2	3.7	3.9	1.8	2.5
9	1.7	2.4	4.9	2.7	2.8	e13	5.4	4.8	4.1	3.9	2.2	2.4
10	1.8	2.4	3.2	2.8	2.8	5.5	4.6	5.0	4.9	3.8	1.9	2.9
11	1.8	2.4	2.9	2.7	2.9	5.6	4.5	4.9	3.9	3.9	1.8	3.0
12	1.8	3.2	3.0	2.6	2.9	6.4	4.6	4.5	3.9	3.8	2.7	2.5
13	1.8	4.3	2.7	2.8	3.1	5.1	4.6	4.4	4.1	3.8	1.8	2.0
14	1.7	2.6	2.8	2.9	3.0	4.7	5.9	4.5	3.8	3.8	1.7	2.0
15	2.8	2.6	2.5	e6.8	2.8	4.5	4.5	4.6	3.9	e5.8	1.6	1.9
16	2.4	2.7	2.5	3.3	3.0	4.6	4.5	4.4	3.8	e8.0	1.6	2.0
17	2.4	2.6	2.5	3.4	e7.1	4.8	4.8	4.3	3.6	4.0	1.4	2.1
18	2.4	2.6	2.5	3.4	3.9	e4.9	5.8	4.2	3.7	3.5	e2.6	2.0
19	2.4	2.7	2.8	5.2	3.9	6.8	5.1	4.4	4.2	3.2	2.5	1.9
20	2.1	2.6	2.6	2.8	4.0	4.5	4.7	4.4	4.0	3.0	2.5	1.9
21	2.3	2.7	2.5	2.8	3.7	4.8	5.0	4.3	4.0	2.6	1.8	2.1
22	2.4	3.3	5.8	e4.7	5.5	5.0	5.5	4.5	4.2	1.8	1.4	2.0
23	2.6	2.3	2.6	4.8	4.8	5.0	4.7	4.4	4.3	1.8	1.9	2.1
24	2.5	2.4	e11	3.5	4.0	5.2	4.5	4.1	3.7	1.8	1.5	2.0
25	2.2	2.3	3.7	3.1	4.3	5.4	4.5	4.1	3.3	1.7	1.4	2.0
26	e5.4	2.4	3.3	3.1	4.1	5.4	4.4	4.1	3.4	1.7	1.5	2.0
27	2.9	2.4	4.1	e6.0	4.4	4.4	4.1	4.1	4.1	1.7	1.5	2.0
28	3.3	2.4	3.0	2.7	5.4	4.5	4.9	4.4	e5.7	1.6	e1.5	2.0
29	2.8	2.7	2.5	2.7	---	4.5	4.6	4.1	3.8	2.0	1.6	2.0
30	2.6	3.8	2.4	2.7	---	4.4	e7.0	3.9	3.7	1.7	1.5	2.4
31	2.9	---	2.5	2.6	---	4.2	---	3.9	---	1.7	e3.6	---
TOTAL	70.2	81.1	98.3	100.1	111.9	164.1	155.9	142.5	120.3	101.3	56.5	83.6
MEAN	2.26	2.70	3.17	3.23	4.00	5.29	5.20	4.60	4.01	3.27	1.82	2.79
MAX	5.4	4.3	11	6.8	7.8	18	11	6.6	5.7	8.0	3.6	16
MIN	1.6	2.2	2.2	2.3	2.7	2.9	4.1	3.9	3.3	1.6	1.4	1.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1998, BY WATER YEAR (WY)

MEAN	3.02	3.05	3.17	3.36	3.53	3.32	3.15	2.99	3.31	2.97	2.90	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	2.01	1.83	1.66	2.05	2.12	2.09	2.17	1.46	1.72	.93
(WY)	1992	1992	1992	1992	1992	1992	1992	1993	1991	1990	1992	1990

SAVANNAH RIVER BASIN

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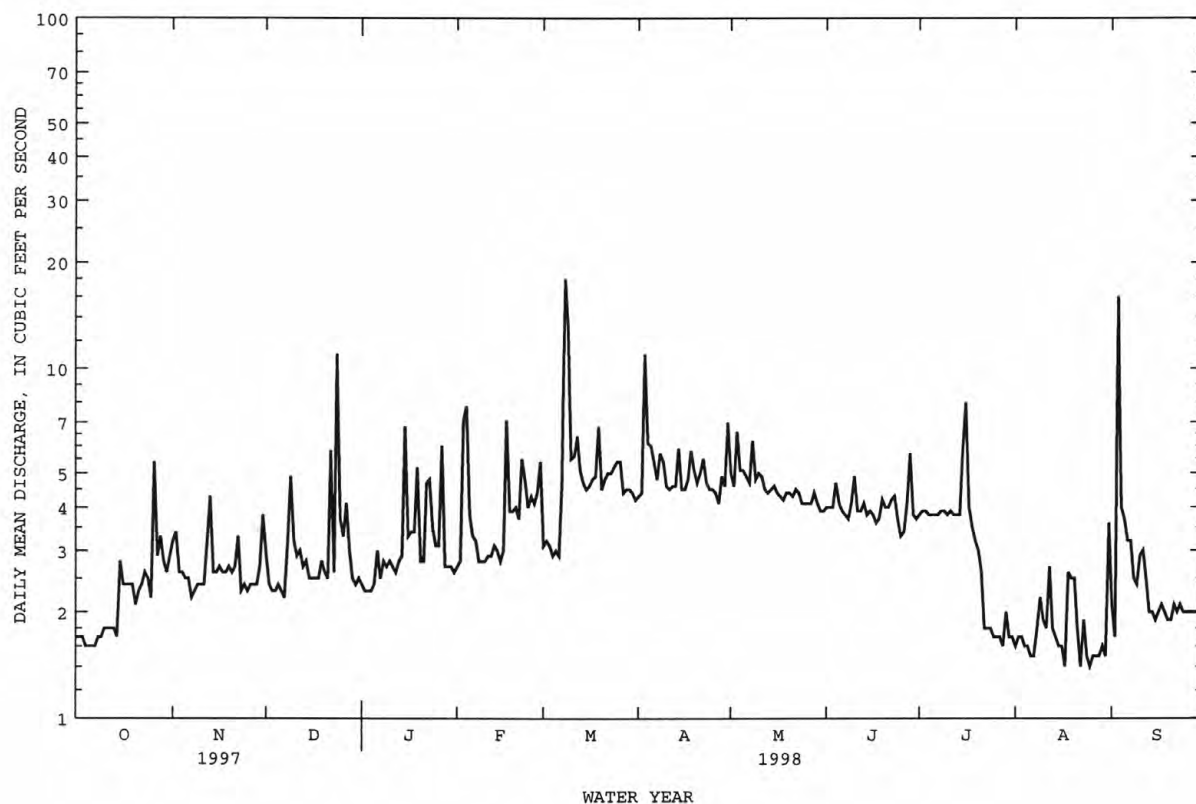
02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1980 - 1998
ANNUAL TOTAL	1157.0	1285.8	
ANNUAL MEAN	3.17	3.52	3.12
HIGHEST ANNUAL MEAN			4.63 1984
LOWEST ANNUAL MEAN			1.92 1992
HIGHEST DAILY MEAN	15 Jul 9	18 Mar 8	33 Jun 24 1995
LOWEST DAILY MEAN	1.6 ** Sep 5	1.4 * Aug 17	.60 Sep 15 1990
ANNUAL SEVEN-DAY MINIMUM	1.6 Oct 1	1.5 Aug 24	.74 Sep 10 1990
INSTANTANEOUS PEAK FLOW		Unknown Apr 3	Unknown Apr 27 1991
INSTANTANEOUS PEAK STAGE		4.18 Apr 3	4.90 Apr 27 1991
10 PERCENT EXCEEDS	4.1	5.1	4.6
50 PERCENT EXCEEDS	3.0	3.2	2.8
90 PERCENT EXCEEDS	2.0	1.8	1.9

e Estimated

* Also occurred on Aug. 22, 25, Sept. 2.

** Also occurred on Sept. 6, 7.



SAVANNAH RIVER BASIN

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 mi².

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 good except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

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	5.1	12	12	16	18	21	17	32	8.3	7.1	6.3	10
2	4.6	12	9.3	15	18	18	16	18	7.8	7.7	6.0	5.8
3	4.3	8.5	7.6	15	56	16	e41	20	7.6	6.9	6.1	e46
4	4.2	7.1	7.6	15	e126	15	64	31	9.1	6.5	5.9	33
5	4.2	6.7	7.8	15	67	17	32	19	12	6.6	5.6	12
6	4.4	6.3	7.2	17	37	21	24	16	9.8	6.3	5.4	8.2
7	4.4	6.0	7.0	15	29	38	20	16	8.2	6.1	5.4	6.0
8	4.5	6.9	9.1	21	23	e109	29	35	7.4	6.3	6.6	4.8
9	4.5	6.7	43	18	21	e185	43	21	7.6	6.9	9.9	4.7
10	4.6	6.3	26	15	19	55	25	17	24	6.7	8.7	5.0
11	4.7	6.8	17	13	19	37	21	19	16	7.0	6.6	4.9
12	4.8	9.5	21	12	18	30	19	16	9.6	7.2	7.5	4.8
13	4.8	33	15	13	18	25	18	13	8.4	7.1	12	4.7
14	4.7	15	18	14	16	24	26	13	7.4	6.8	7.2	4.8
15	6.4	11	15	44	16	22	26	13	7.7	11	6.6	4.8
16	9.0	9.9	12	45	18	20	20	11	7.1	30	6.2	5.3
17	7.2	8.4	11	27	e67	20	20	11	6.7	28	6.1	5.0
18	7.5	8.5	12	23	32	21	33	11	6.2	11	7.2	5.0
19	9.9	8.5	12	44	24	52	25	11	7.3	8.4	13	5.8
20	8.3	8.1	10	29	23	30	20	11	7.8	10	7.8	5.4
21	6.9	9.0	10	24	20	24	19	11	7.0	8.0	6.4	5.6
22	7.0	13	42	29	27	22	28	10	7.0	6.5	5.6	5.9
23	7.8	9.2	25	85	47	20	21	9.6	7.0	6.2	5.4	5.3
24	7.5	8.4	e80	51	29	20	19	9.1	6.1	6.5	4.9	5.0
25	8.0	7.9	62	29	24	19	17	8.7	5.5	6.2	5.1	5.3
26	31	7.7	30	23	22	18	15	8.4	5.4	6.1	6.0	5.3
27	21	7.7	40	67	26	17	14	8.3	6.2	6.0	6.1	5.5
28	11	7.4	30	47	30	16	15	8.3	10	6.2	5.2	5.5
29	8.3	8.0	22	27	---	15	14	9.4	9.1	6.9	5.5	5.6
30	6.2	21	20	23	---	16	21	13	7.0	6.2	5.2	7.3
31	6.6	---	18	21	---	15	---	9.6	---	6.9	11	---
TOTAL	233.4	296.5	658.6	852	890	978	722	459.4	256.3	265.3	212.5	242.3
MEAN	7.53	9.88	21.2	27.5	31.8	31.5	24.1	14.8	8.54	8.56	6.85	8.08
MAX	31	33	80	85	126	185	64	35	24	30	13	46
MIN	4.2	6.0	7.0	12	16	15	14	8.3	5.4	6.0	4.9	4.7
CFSM	1.00	1.31	2.82	3.65	4.22	4.19	3.20	1.97	1.13	1.14	.91	1.07
IN.	1.15	1.46	3.25	4.21	4.40	4.83	3.57	2.27	1.27	1.31	1.05	1.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1998, BY WATER YEAR (WY)

MEAN	9.42	10.9	11.8	14.6	16.3	17.4	13.9	10.2	9.58	9.92	10.6	9.35
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	8.37	7.00	5.13	3.79	5.57	5.63	4.31
(WY)	1996	1997	1979	1979	1989	1990	1990	1995	1990	1993	1993	1994

SAVANNAH RIVER BASIN

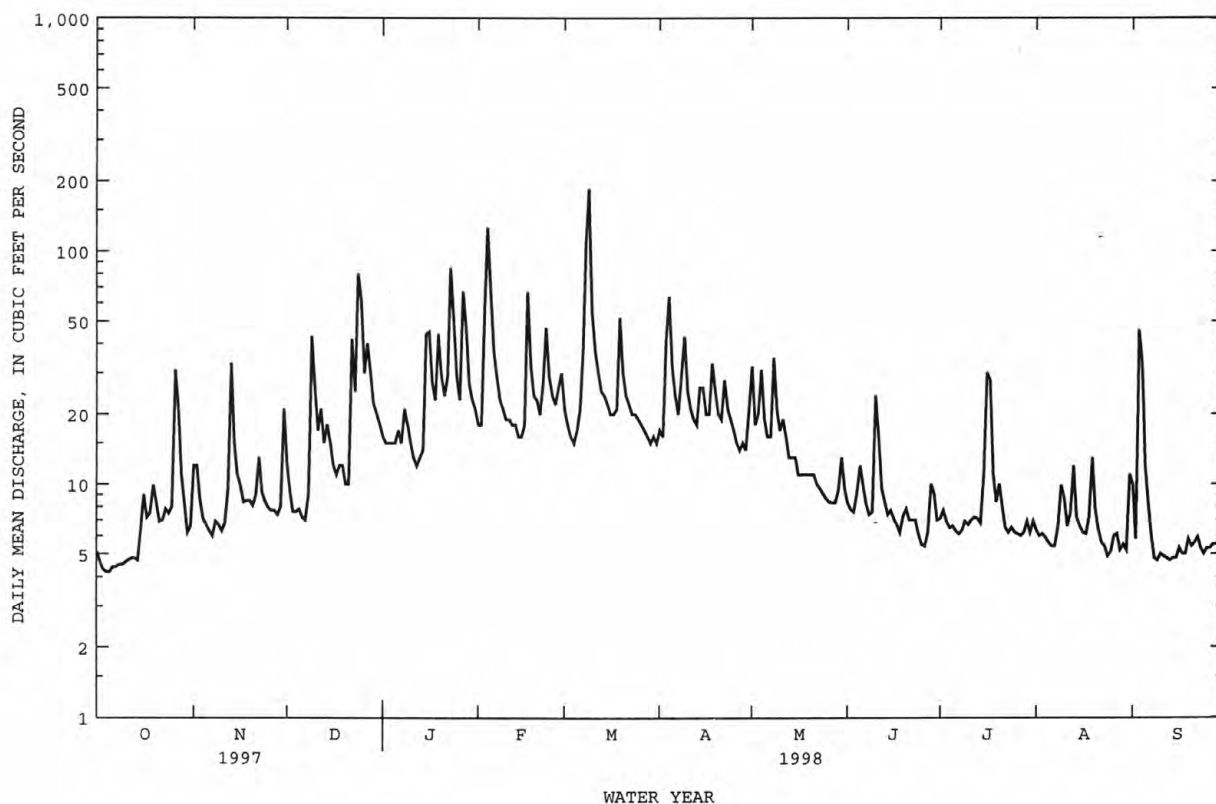
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02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1973 - 1998	
ANNUAL TOTAL	3399.3		6066.3		12.0	
ANNUAL MEAN	9.31		16.6		18.6	
HIGHEST ANNUAL MEAN					7.56	
LOWEST ANNUAL MEAN					186	
HIGHEST DAILY MEAN	80	Dec 24	185	Mar 9	Aug 22 1990	
LOWEST DAILY MEAN	2.1	May 24	4.2 *	Oct 4	May 24 1997	
ANNUAL SEVEN-DAY MINIMUM	2.9	May 20	4.4	Oct 3	Jul 1 1990	
INSTANTANEOUS PEAK FLOW			Unknown	Mar 8	Unknown	
INSTANTANEOUS PEAK STAGE			5.19	Mar 8	6.27	
ANNUAL RUNOFF (CFSM)	1.24		2.21		1.59	
ANNUAL RUNOFF (INCHES)	16.79		29.97		21.62	
10 PERCENT EXCEEDS	15		31		20	
50 PERCENT EXCEEDS	7.3		11		9.7	
90 PERCENT EXCEEDS	4.3		5.4		5.6	

e Estimated

* Also occurred on Oct. 5.



SAVANNAH RIVER BASIN

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 mi².

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.5	15	20	20	25	34	25	71	15	10	9.4	42
2	6.3	16	15	19	24	27	25	30	13	11	8.2	12
3	5.9	10	12	18	82	24	87	28	12	11	8.3	132
4	5.3	7.7	12	19	206	22	139	57	13	9.4	8.2	111
5	5.7	6.5	12	19	127	25	57	31	23	9.0	7.8	28
6	5.2	6.0	11	27	63	36	39	25	19	9.1	7.4	17
7	6.0	5.2	10	22	45	57	30	25	15	8.7	7.6	13
8	5.7	5.7	11	29	35	214	39	64	13	10	15	11
9	5.8	5.2	69	26	30	437	80	37	14	13	13	10
10	5.9	5.0	42	22	28	96	45	28	35	10	18	9.6
11	5.7	5.0	28	19	27	62	32	35	36	10	11	9.8
12	5.8	6.3	34	18	26	49	28	25	18	11	10	9.6
13	5.4	33	24	19	24	41	26	21	15	10	20	8.8
14	5.3	18	27	20	23	36	38	21	13	9.8	13	8.9
15	5.6	11	27	52	22	33	50	20	13	14	12	9.1
16	15	8.7	18	96	25	31	32	19	12	52	10	9.9
17	9.2	6.7	17	40	137	30	29	18	11	77	11	9.6
18	10	6.3	17	30	60	31	53	18	10	21	9.3	9.8
19	15	6.5	17	65	35	96	41	17	12	15	19	12
20	11	6.2	16	48	32	56	31	17	15	16	14	11
21	9.3	6.8	15	32	28	38	27	17	12	14	11	12
22	9.6	11	61	31	33	34	47	16	12	11	9.1	14
23	9.9	7.4	45	136	92	31	35	15	12	11	7.9	11
24	11	5.9	125	85	49	30	29	15	10	12	8.0	9.4
25	11	5.5	119	48	34	29	26	14	9.0	9.8	7.3	9.4
26	25	14	46	34	31	28	23	13	8.1	9.5	8.7	9.6
27	45	11	58	102	40	26	20	14	9.3	10	8.5	9.4
28	16	11	46	87	51	25	22	14	12	9.7	8.2	10
29	12	11	30	43	---	23	20	15	22	9.9	7.6	11
30	8.5	36	26	33	---	24	29	22	11	9.6	7.1	16
31	7.3	---	22	30	---	23	---	17	---	9.6	8.5	---
TOTAL	311.9	309.6	1032	1289	1434	1748	1204	779	444.4	453.1	324.1	595.9
MEAN	10.1	10.3	33.3	41.6	51.2	56.4	40.1	25.1	14.8	14.6	10.5	19.9
MAX	45	36	125	136	206	437	139	71	36	77	20	132
MIN	5.2	5.0	10	18	22	22	20	13	8.1	8.7	7.1	8.8
CFSM	.80	.83	2.66	3.33	4.10	4.51	3.21	2.01	1.19	1.17	.84	1.59
IN.	.93	.92	3.07	3.84	4.27	5.20	3.58	2.32	1.32	1.35	.96	1.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1998, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
MEAN	14.4	14.4	17.8	22.5	26.3	26.5	20.2	15.0	15.0	14.8	16.7	13.0
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	10.3	11.9	11.6	12.6	10.3	8.03	5.80	6.97	7.64	6.66
(WY)	1979	1997	1989	1989	1989	1990	1990	1990	1990	1986	1997	1990

SAVANNAH RIVER BASIN

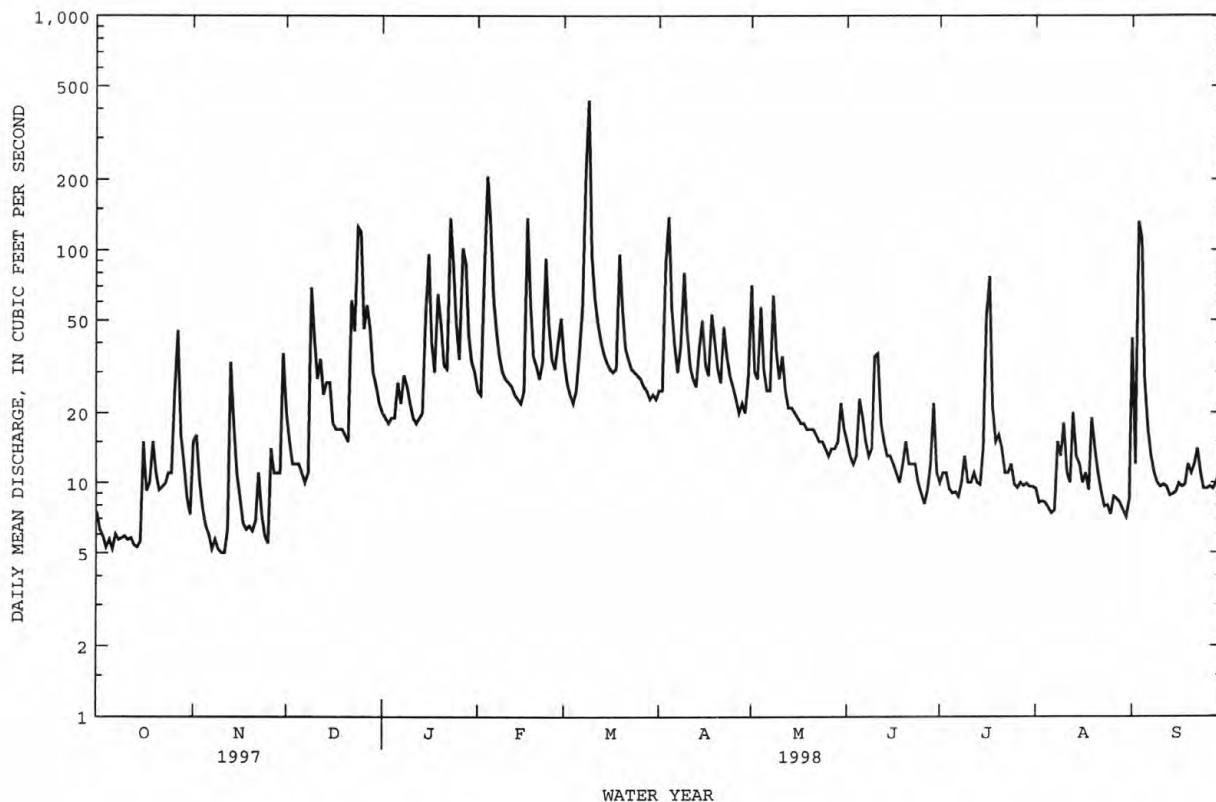
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02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1973 - 1998	
ANNUAL TOTAL	5612.7		9925.0			
ANNUAL MEAN	15.4		27.2		17.9	
HIGHEST ANNUAL MEAN					32.7	
LOWEST ANNUAL MEAN					12.4	
HIGHEST DAILY MEAN	135	Feb 15	437	Mar 9	830	Aug 2 1991
LOWEST DAILY MEAN	4.1	Sep 21	5.0	** Nov 10	2.7	Jul 2 1990
ANNUAL SEVEN-DAY MINIMUM	4.5	Sep 16	5.5	Nov 6	3.2	Jul 2 1990
INSTANTANEOUS PEAK FLOW			* 773	Mar 9	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			5.20	Mar 9	6.89	Aug 2 1991
ANNUAL RUNOFF (CFSM)	1.23		2.18		1.43	
ANNUAL RUNOFF (INCHES)	16.70		29.54		19.46	
10 PERCENT EXCEEDS	27		52		30	
50 PERCENT EXCEEDS	12		17		14	
90 PERCENT EXCEEDS	5.8		7.6		7.9	

* From rating curve extended above 83 ft³/s based on step-backwater computation.

** Also occurred on Nov. 11.



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.

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.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	27	34	30	39	56	40	118	24	18	20	49
2	14	32	23	29	37	42	40	50	23	18	17	27
3	13	24	20	28	94	37	111	43	22	18	17	115
4	13	18	19	29	333	35	270	77	22	17	17	325
5	13	17	19	29	249	41	92	49	31	17	17	63
6	13	17	18	58	104	59	60	38	30	17	16	30
7	13	17	18	40	66	86	47	38	25	17	16	24
8	13	17	19	43	53	272	54	95	22	18	23	22
9	13	17	92	39	46	655	119	62	22	23	24	22
10	13	16	73	31	42	205	71	42	41	19	27	19
11	13	16	48	28	41	104	48	47	56	18	21	19
12	13	18	49	27	40	75	42	38	29	18	19	19
13	13	63	72	28	38	63	39	33	23	18	25	19
14	13	57	97	29	37	58	55	31	22	17	23	18
15	13	26	46	73	35	53	76	31	21	20	20	19
16	23	21	29	181	39	50	49	30	20	71	19	19
17	19	19	25	68	189	47	43	29	20	150	19	19
18	18	18	24	44	104	50	79	28	19	43	18	19
19	28	18	25	95	54	194	63	28	19	24	22	22
20	21	18	24	81	47	99	48	27	23	23	24	21
21	18	19	23	45	43	62	42	27	21	23	20	21
22	17	26	74	45	52	54	68	27	20	20	18	25
23	19	23	97	200	139	48	53	26	19	19	17	21
24	19	19	162	156	80	46	44	25	19	23	17	19
25	22	18	241	71	51	45	39	24	18	19	16	19
26	34	21	78	48	45	44	37	24	17	18	17	19
27	111	19	80	134	60	42	34	23	17	19	17	19
28	33	18	74	171	72	41	34	23	18	19	17	19
29	22	18	46	70	---	39	33	23	26	18	17	20
30	18	45	38	49	---	39	45	32	19	18	17	26
31	17	---	33	44	---	39	---	28	---	20	17	---
TOTAL	638	702	1720	2043	2229	2780	1875	1216	708	800	594	1098
MEAN	20.6	23.4	55.5	65.9	79.6	89.7	62.5	39.2	23.6	25.8	19.2	36.6
MAX	111	63	241	200	333	655	270	118	56	150	27	325
MIN	13	16	18	27	35	35	33	23	17	17	16	18

MEAN	138	147	176	186	152	131	146	142	136	144	142	138
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	23.0	17.6	16.8	15.5	14.5	14.2	12.6
(WY)	1988	1989	1989	1989	1989	1990	1990	1989	1990	1988	1997	1994

SAVANNAH RIVER BASIN

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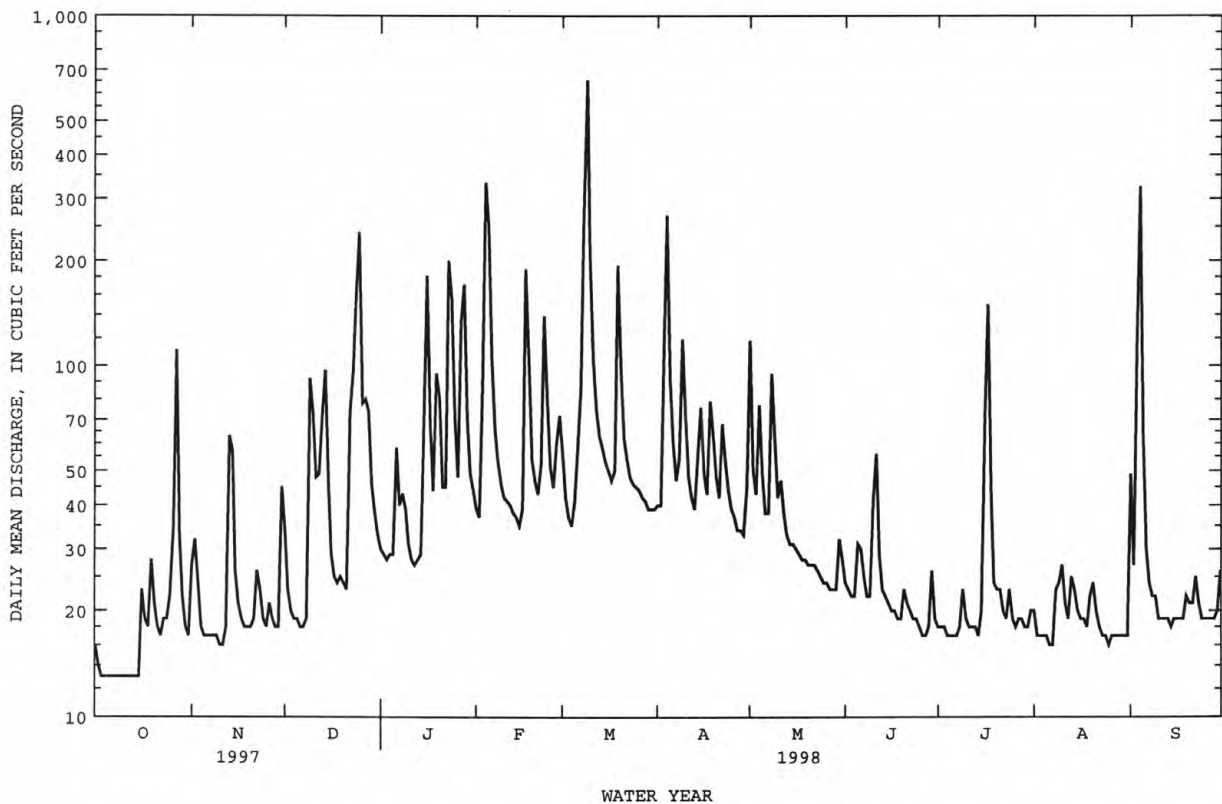
02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1977 - 1998
ANNUAL TOTAL	9302	16403	
ANNUAL MEAN	25.5	44.9	98.6
HIGHEST ANNUAL MEAN			370
LOWEST ANNUAL MEAN			20.4
HIGHEST DAILY MEAN	241	655	1200
LOWEST DAILY MEAN	11 *** Sep 6	13 ** Oct 3	6.7 * Jul 8 1990
ANNUAL SEVEN-DAY MINIMUM	11 Sep 13	13 Oct 3	7.6 Jul 4 1990
INSTANTANEOUS PEAK FLOW		837	Unknown
INSTANTANEOUS PEAK STAGE		5.24	6.72
10 PERCENT EXCEEDS	38	80	410
50 PERCENT EXCEEDS	19	27	45
90 PERCENT EXCEEDS	13	17	17

* Also occurred on July 9, 10, 1990.

** Also occurred on Oct. 4 - 15.

*** Also occurred on Sept. 9, 10, 14 - 17, 21, 22.



SAVANNAH RIVER BASIN

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 mi².

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 poor. Flow regulated by Savannah River Site operations. Gage temporarily relocated about 25 ft downstream on right bank from Nov. 19, 1997 to May 20, 1998, due to bridge construction.

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	8.7	49	33	33	e37	e67	e33	101	16	11	15	19
2	7.5	45	24	32	e33	e56	e33	38	16	11	12	13
3	7.2	31	22	32	e38	e46	e37	41	15	11	11	100
4	7.2	29	22	31	e89	e32	e60	92	14	11	11	89
5	7.4	23	21	31	e118	e24	e96	38	17	11	11	21
6	7.7	22	20	33	e114	e29	e54	29	18	11	11	16
7	7.7	21	19	36	e110	e56	e47	40	16	11	11	14
8	7.6	21	19	47	e106	e90	e39	100	14	12	14	14
9	7.8	20	84	41	e101	e110	e58	44	14	14	15	15
10	8.1	20	100	33	e68	e130	e46	34	24	15	14	14
11	7.8	20	55	30	e41	e120	39	44	31	12	13	13
12	7.9	20	80	30	e34	e108	36	31	18	12	12	12
13	7.7	77	47	31	e27	e91	34	26	16	11	22	12
14	7.7	44	56	31	e26	e68	58	24	15	11	15	12
15	8.6	28	52	80	e25	e60	71	23	14	13	13	12
16	24	24	34	128	e22	e55	42	22	14	42	12	12
17	14	22	30	57	e25	e50	35	21	14	75	12	12
18	14	21	27	39	e62	e42	209	20	14	21	12	13
19	31	21	26	95	e50	e39	75	19	13	15	11	15
20	19	21	25	64	e44	e65	47	18	14	13	11	14
21	13	23	25	e56	e37	e61	37	18	14	13	11	15
22	15	31	112	e35	e30	e47	69	18	13	12	11	15
23	17	27	86	e35	e25	e46	47	18	13	13	11	13
24	14	23	232	e99	e60	e43	39	17	12	16	11	13
25	14	21	204	e86	e46	e38	32	17	12	13	11	12
26	65	20	73	e66	e31	e36	29	16	12	12	12	12
27	86	20	120	e52	e25	e35	27	16	12	12	11	12
28	35	20	79	e74	e60	e35	26	15	11	13	11	12
29	28	21	54	e60	---	e34	25	15	12	12	11	13
30	25	55	45	e51	---	e34	36	16	12	12	11	16
31	24	---	39	e40	---	e33	---	16	---	12	11	---
TOTAL	554.6	840	1865	1588	1484	1780	1516	987	450	483	380	575
MEAN	17.9	28.0	60.2	51.2	53.0	57.4	50.5	31.8	15.0	15.6	12.3	19.2
MAX	86	77	232	128	118	130	209	101	31	75	22	100
MIN	7.2	20	19	30	22	24	25	15	11	11	11	12
IN.	.97	1.47	3.27	2.79	2.60	3.12	2.66	1.73	.79	.85	.67	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1998, BY WATER YEAR (WY)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
MEAN	188	179	213	201	196	234	220	203	191	200	190	170
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	17.9	23.4	31.0	39.2	39.0	23.3	13.1	10.6	15.0	15.6	9.10	9.75
(WY)	1998	1993	1993	1997	1997	1997	1997	1997	1998	1998	1997	1997

SAVANNAH RIVER BASIN

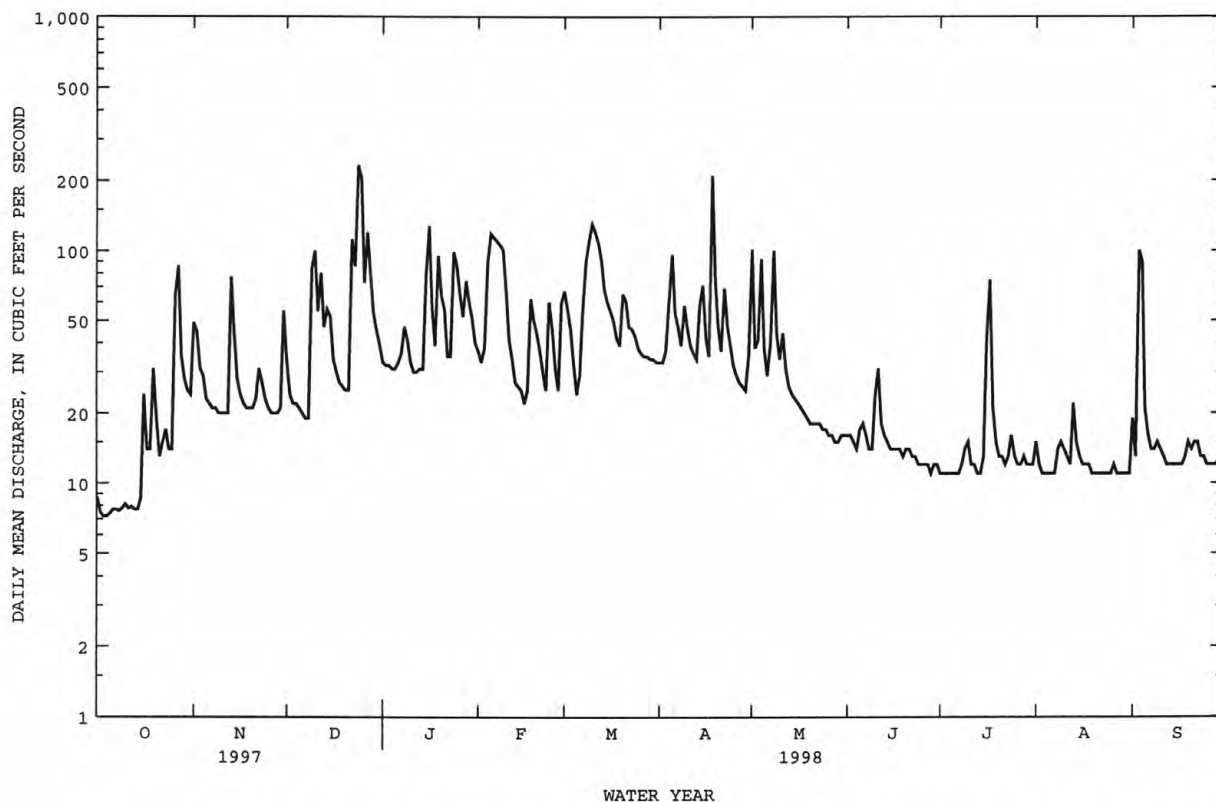
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02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1977 - 1998	
ANNUAL TOTAL	9527.4		12502.6		179	
ANNUAL MEAN	26.1		34.3		383	
HIGHEST ANNUAL MEAN					27.7	
LOWEST ANNUAL MEAN					760	
HIGHEST DAILY MEAN	299	Jul 10	232	Dec 24	2.5	Aug 2 1991
LOWEST DAILY MEAN	2.5	Sep 22	7.2	Oct 3	3.0	Sep 22 1997
ANNUAL SEVEN-DAY MINIMUM	3.0	Sep 17	7.5	Oct 2	3.0	Sep 17 1997
INSTANTANEOUS PEAK FLOW			* 445	Dec 24	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			* 4.58	Dec 24	6.08	Aug 2 1991
ANNUAL RUNOFF (INCHES)	16.72		21.94		114.82	
10 PERCENT EXCEEDS	51		75		423	
50 PERCENT EXCEEDS	20		24		124	
90 PERCENT EXCEEDS	4.8		11		30	

e Estimated

* May have been higher during period of no gage height records, Jan. 21 to Apr. 10.



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.

GAGE.--Data collection platform. Elevation of gage is 208 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow completely regulated by Savannah River Site operations.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.9	1.6	2.5	3.7	5.0	5.7	11	2.8	1.9	1.8	1.9
2	1.1	1.7	1.6	2.4	3.5	4.4	5.7	5.6	2.7	1.9	1.8	1.7
3	1.1	1.3	1.6	2.3	17	4.1	21	8.1	2.7	1.9	1.7	8.6
4	1.0	1.3	1.6	2.3	34	3.9	16	12	2.7	1.9	1.7	2.8
5	1.0	1.3	1.5	2.3	13	4.2	7.0	6.0	2.7	1.9	1.7	2.1
6	1.1	1.2	1.5	2.3	7.0	4.8	6.5	5.1	2.7	1.9	1.7	1.9
7	1.1	1.3	1.5	2.3	5.5	13	6.4	4.9	2.6	1.9	1.7	1.7
8	1.1	1.3	1.5	2.7	5.0	e55	6.7	12	2.5	1.9	2.1	1.7
9	1.1	1.3	3.7	2.3	4.4	e53	7.9	5.4	2.7	1.9	3.5	1.7
10	1.1	1.3	4.4	2.2	4.2	12	6.4	5.4	3.7	1.9	2.1	1.6
11	1.1	1.3	2.0	2.1	4.1	7.9	6.2	6.3	2.8	1.8	1.9	1.6
12	1.1	1.4	3.0	2.1	3.9	6.9	6.1	4.7	2.6	1.8	2.5	1.6
13	1.1	3.1	2.0	2.1	3.8	6.6	6.1	4.3	2.5	1.8	2.4	1.6
14	1.1	1.7	2.4	2.2	3.6	6.6	6.7	4.1	2.4	1.8	2.0	1.6
15	1.1	1.5	2.1	4.4	3.5	6.5	6.3	3.8	2.4	2.3	1.9	1.6
16	1.3	1.5	1.9	4.2	3.8	6.4	6.1	3.7	2.3	2.7	1.9	1.6
17	1.1	1.4	1.9	3.2	16	6.4	6.1	3.6	2.3	2.5	1.9	1.6
18	1.2	1.5	1.8	2.7	6.0	6.4	20	3.4	2.3	2.2	1.8	1.6
19	2.2	1.5	1.8	5.1	4.7	14	7.4	3.3	2.3	2.0	1.8	1.7
20	1.1	1.5	1.8	3.7	4.4	7.4	6.4	3.2	2.3	1.9	1.7	1.6
21	1.1	1.6	1.7	3.0	4.1	6.3	6.3	3.2	2.2	1.9	1.7	1.7
22	1.2	1.6	4.3	8.1	6.1	6.1	6.2	3.1	2.2	1.8	1.7	1.7
23	1.1	1.5	2.4	26	11	6.0	5.3	3.1	2.1	1.9	1.7	1.7
24	1.1	1.5	15	8.2	6.2	5.9	4.8	3.0	2.1	1.9	1.7	1.7
25	1.0	1.5	6.6	5.2	4.9	5.9	4.5	3.0	2.1	1.8	1.7	1.7
26	4.4	1.5	3.5	4.1	4.4	5.9	4.2	3.0	2.1	1.8	1.7	1.7
27	1.6	1.5	5.8	14	5.9	5.9	4.1	2.8	2.1	1.9	1.7	1.7
28	1.3	1.6	3.7	7.4	6.1	5.9	3.9	2.9	2.0	1.8	1.6	1.7
29	1.2	1.6	3.2	4.9	---	5.9	3.8	2.9	2.0	1.8	1.6	1.7
30	1.2	2.7	3.0	4.3	---	5.8	8.1	2.9	1.9	1.8	1.6	1.9
31	1.3	---	2.7	4.0	---	5.7	---	2.8	---	1.9	1.9	---
TOTAL	39.8	46.9	93.1	144.6	199.8	299.8	217.9	148.6	72.8	60.1	58.2	59.0
MEAN	1.28	1.56	3.00	4.66	7.14	9.67	7.26	4.79	2.43	1.94	1.88	1.97
MAX	4.4	3.1	15	26	34	55	21	12	3.7	2.7	3.5	8.6
MIN	1.0	1.2	1.5	2.1	3.5	3.9	3.8	2.8	1.9	1.8	1.6	1.6

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SAVANNAH RIVER BASIN

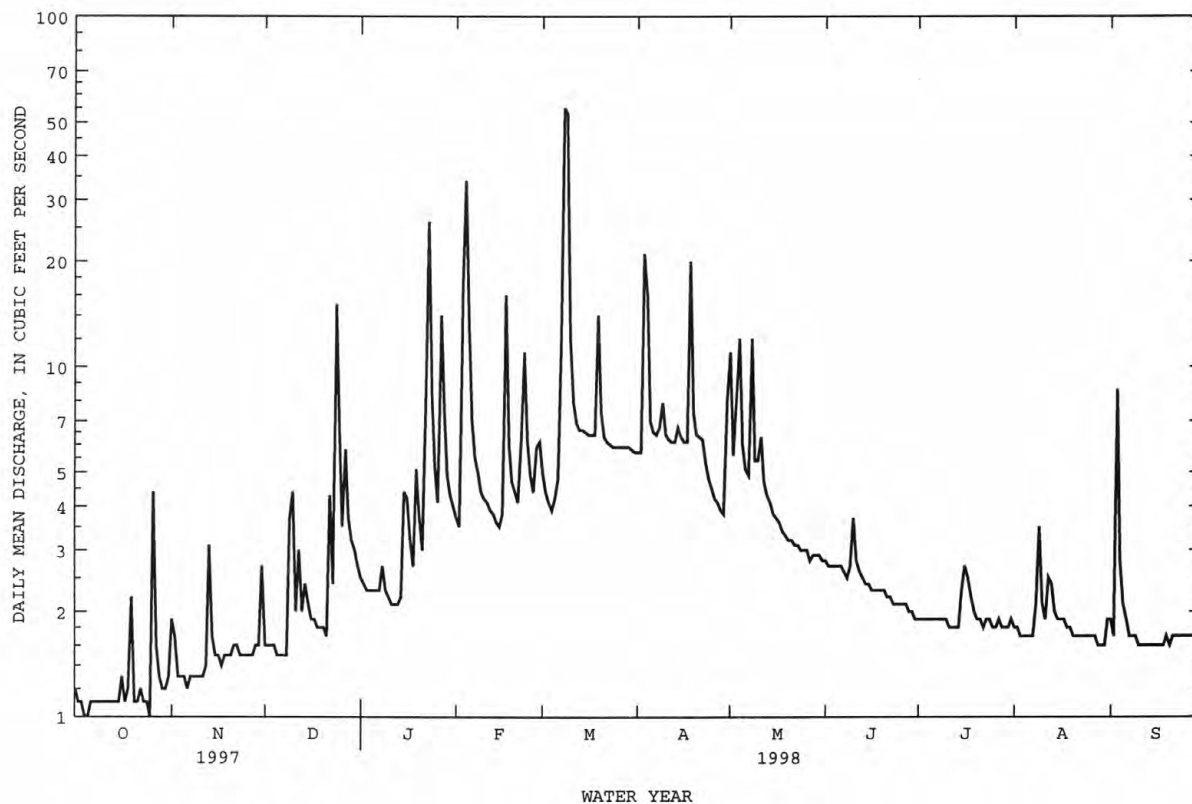
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021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1986 - 1998
ANNUAL TOTAL	1027.1	1440.6	
ANNUAL MEAN	2.81	3.95	8.07
HIGHEST ANNUAL MEAN			30.0
LOWEST ANNUAL MEAN			1.04
HIGHEST DAILY MEAN	15 Dec 24	55 Mar 8	220 Aug 2 1991
LOWEST DAILY MEAN	1.0 * Oct 4	1.0 * Oct 4	.50 Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	1.1 Oct 2	1.1 Oct 2	.77 May 29 1989
INSTANTANEOUS PEAK FLOW		Unknown Mar 8	Unknown Aug 2 1991
INSTANTANEOUS PEAK STAGE		3.33 Mar 8	5.57 Aug 2 1991
10 PERCENT EXCEEDS	9.9	6.6	12
50 PERCENT EXCEEDS	1.4	2.3	2.3
90 PERCENT EXCEEDS	1.2	1.3	1.1

e Estimated

* Also occurred on Oct. 5, and 25.



SAVANNAH RIVER BASIN

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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	13	10	11	11	11	12	12	11	10	10	10
2	10	12	10	11	11	11	11	11	11	10	10	10
3	10	10	10	11	13	11	13	12	11	10	10	13
4	10	10	11	11	12	11	11	11	11	10	10	10
5	10	10	10	11	11	12	11	11	11	10	10	10
6	10	10	10	11	11	12	11	11	11	10	10	10
7	11	10	10	11	12	13	11	11	11	10	10	10
8	11	10	11	11	12	14	12	12	10	11	10	10
9	11	10	11	11	12	11	12	12	11	11	10	10
10	11	10	11	11	11	11	12	12	12	10	10	10
11	11	10	11	11	12	11	12	11	11	10	10	10
12	11	11	11	11	11	11	11	11	11	10	11	10
13	10	11	10	12	12	11	12	11	11	10	10	10
14	11	11	11	11	11	11	12	11	11	10	10	10
15	11	11	10	12	11	12	12	11	11	11	10	10
16	10	11	10	11	12	12	12	11	11	11	10	10
17	10	10	11	11	12	12	12	11	11	10	10	10
18	11	10	11	11	11	12	13	11	10	10	10	10
19	11	10	11	12	11	12	12	11	11	10	10	10
20	10	10	11	11	12	11	11	11	11	10	10	10
21	29	11	11	11	11	11	11	11	10	10	10	10
22	65	11	12	12	12	11	12	11	10	10	10	10
23	35	10	11	12	12	11	12	11	10	11	10	10
24	10	10	12	11	11	24	12	11	10	10	10	10
25	10	10	11	11	12	12	12	11	10	10	10	10
26	11	11	11	11	12	12	12	11	10	10	10	10
27	10	10	12	12	12	12	12	11	11	11	10	10
28	10	10	11	11	12	12	11	11	11	10	10	10
29	11	11	11	11	---	11	11	11	11	10	10	10
30	11	11	11	12	---	12	13	12	10	10	10	10
31	12	---	11	11	---	12	---	11	---	11	11	---
TOTAL	458	315	335	348	325	372	353	348	322	317	312	303
MEAN	14.8	10.5	10.8	11.2	11.6	12.0	11.8	11.2	10.7	10.2	10.1	10.1
MAX	65	13	12	12	13	24	13	12	12	11	11	13
MIN	10	10	10	11	11	11	11	11	10	10	10	10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1998, BY WATER YEAR (WY)

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SAVANNAH RIVER BASIN

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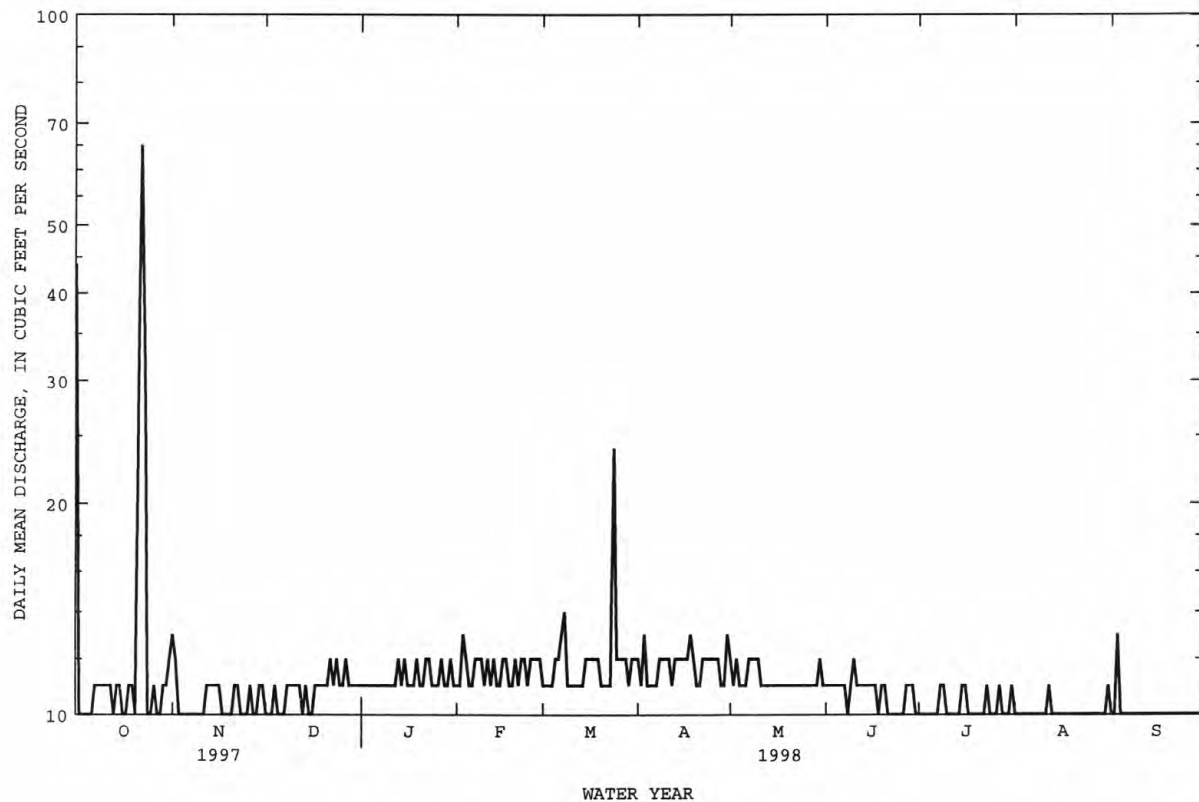
021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1986 - 1998
ANNUAL TOTAL	11283	4108	
ANNUAL MEAN	30.9	11.3	105
HIGHEST ANNUAL MEAN			254
LOWEST ANNUAL MEAN			11.3
HIGHEST DAILY MEAN	** 73 Mar 2	65 Oct 22	470 Oct 17 1985
LOWEST DAILY MEAN	*** 10 Sep 5	* 10 Oct 2	1.4 Jan 2 1993
ANNUAL SEVEN-DAY MINIMUM	10 Nov 3	10 Nov 3	10 Nov 3 1997
INSTANTANEOUS PEAK FLOW		73 Mar 24	536 Dec 18 1989
INSTANTANEOUS PEAK STAGE		5.05 Mar 24	20.87 Dec 18 1989
10 PERCENT EXCEEDS	67	12	361
50 PERCENT EXCEEDS	13	11	88
90 PERCENT EXCEEDS	10	10	14

* Also occurred on many other days during the year.

** Also occurred on Mar. 3, 6 - 11, 13, 14, Aug. 28, 30.

*** Also occurred on Sept. 6, 7, 20 - 23.



SAVANNAH RIVER BASIN

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). Prior to Sept. 17, 1993, at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

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	25	53	44	39	58	105	57	103	24	19	23	29
2	24	44	38	38	57	67	57	54	23	19	22	23
3	24	35	36	38	107	43	85	48	23	19	21	127
4	24	32	36	38	265	41	164	73	22	19	20	121
5	24	31	35	38	336	46	90	49	26	19	19	41
6	23	31	34	37	259	61	69	38	26	19	19	37
7	23	31	34	38	237	78	62	48	25	19	20	35
8	24	31	34	47	228	184	65	116	22	19	25	30
9	24	31	76	42	121	530	95	112	21	20	31	30
10	24	31	82	37	54	369	70	100	34	28	29	26
11	24	31	59	36	52	247	60	82	49	22	24	25
12	25	33	70	36	49	133	56	41	25	22	26	25
13	24	68	51	37	42	109	78	42	22	20	51	24
14	25	49	55	39	39	93	76	41	21	19	26	23
15	26	39	52	58	38	89	55	36	20	25	25	21
16	35	36	42	79	44	87	77	34	20	68	24	21
17	29	35	39	54	121	71	100	34	20	166	40	21
18	28	36	37	45	74	61	251	33	19	114	25	23
19	50	36	36	64	52	116	149	33	20	82	23	27
20	31	35	36	54	47	94	119	31	21	64	22	24
21	27	36	35	46	42	76	108	27	20	33	21	24
22	28	41	67	51	54	69	122	26	19	22	20	28
23	29	38	57	190	105	65	114	26	19	30	20	24
24	26	36	104	157	77	63	96	26	23	41	20	22
25	24	35	110	104	53	62	85	25	25	26	20	21
26	49	35	62	90	47	60	82	25	31	25	20	21
27	69	35	76	130	102	59	80	24	33	24	19	21
28	31	35	61	119	116	58	70	24	35	26	19	22
29	28	36	50	75	---	57	47	25	28	24	19	23
30	28	63	45	66	---	57	47	25	20	23	19	28
31	30	---	42	61	---	56	---	25	---	22	19	---
TOTAL	905	1138	1635	1983	2876	3306	2686	1426	736	1098	731	967
MEAN	29.2	37.9	52.7	64.0	103	107	89.5	46.0	24.5	35.4	23.6	32.2
MAX	69	68	110	190	336	530	251	116	49	166	51	127
MIN	23	31	34	36	38	41	47	24	19	19	19	21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1998, BY WATER YEAR (WY)

	MEAN	77.8	130	150	150	153	175	179	150	159	103	77.6	76.2
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	37.9	52.7	53.9	55.4	45.8	44.7	31.1	21.6	23.6	19.6	23.9	
(WY)	1986	1998	1998	1996	1996	1985	1985	1985	1997	1997	1997	1985	

SAVANNAH RIVER BASIN

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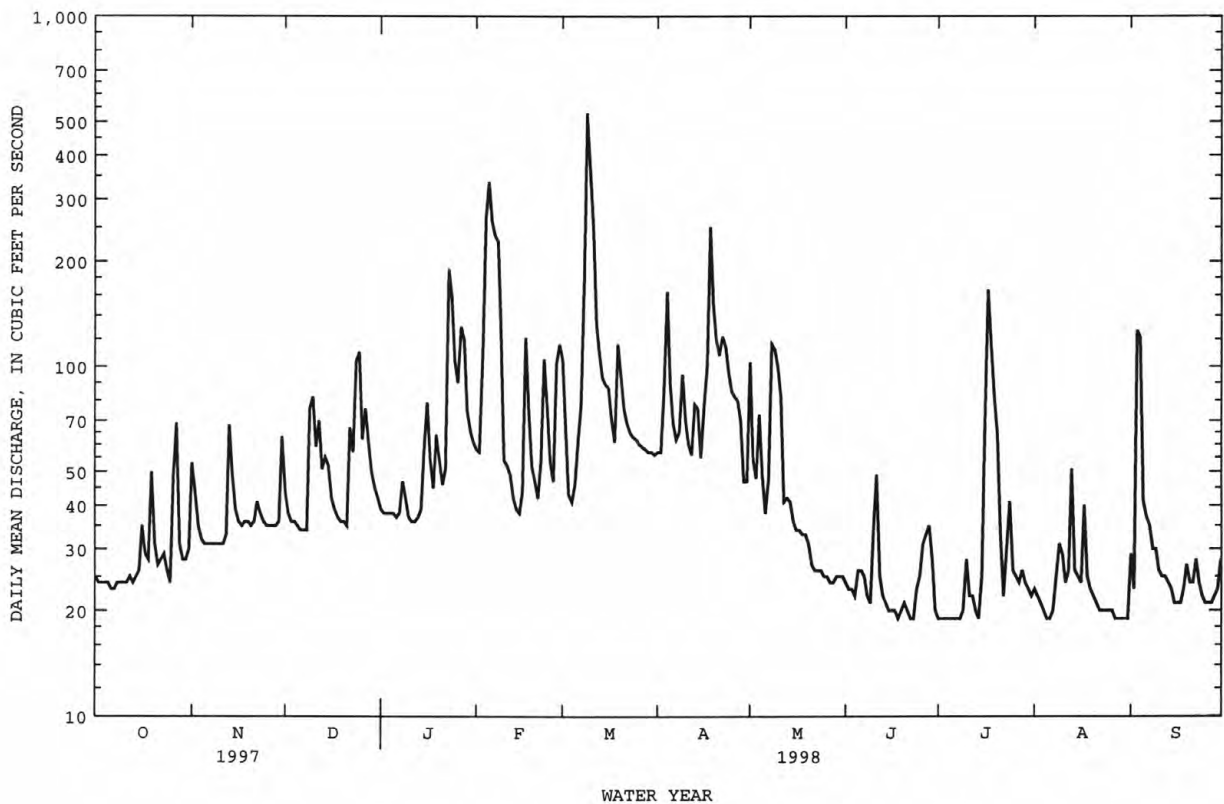
021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR	FOR 1998 WATER YEAR	WATER YEARS 1985 - 1998
ANNUAL TOTAL	16835	19487	
ANNUAL MEAN	46.1	53.4	136
HIGHEST ANNUAL MEAN			287
LOWEST ANNUAL MEAN			52.3
HIGHEST DAILY MEAN	165 Feb 15	530 Mar 9	530 Mar 9 1998
LOWEST DAILY MEAN	17 *** Jul 21	19 ** Jun 18	7.7 Sep 14 1985
ANNUAL SEVEN-DAY MINIMUM	17 Aug 2	19 Jul 1	12 Sep 16 1985
INSTANTANEOUS PEAK FLOW		602 Mar 9	602 Mar 9 1998
INSTANTANEOUS PEAK STAGE		4.32 Mar 9	* 4.32 Mar 9 1998
10 PERCENT EXCEEDS	85	104	372
50 PERCENT EXCEEDS	35	36	85
90 PERCENT EXCEEDS	19	21	35

* Also occurred on Aug. 2, 1991 at datum then in use.

** Also occurred on June 22, 23, and many days in July and Aug.

*** Also occurred on many days in July and Aug.



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.

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to current year.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT
1	12	30	32	60	87	103	212	19	27	14	8.2	15
2	11	32	30	58	84	97	263	20	25	13	7.1	14
3	10	29	29	57	135	91	270	23	24	13	6.3	44
4	9.8	27	28	56	207	219	264	27	25	12	5.7	54
5	9.4	26	29	56	209	515	261	25	28	12	5.2	50
6	9.0	25	25	56	195	504	293	26	28	12	4.8	46
7	8.7	25	23	55	180	433	306	28	26	11	4.5	43
8	8.3	24	23	58	165	272	96	42	24	11	5.8	41
9	8.1	23	35	57	152	131	12	41	24	12	8.8	39
10	8.0	23	42	55	142	126	16	43	40	11	10	35
11	7.7	22	41	54	134	123	16	48	40	11	10	32
12	7.5	23	48	53	126	119	15	47	38	9.8	11	30
13	7.5	36	46	53	117	115	73	46	36	9.2	13	28
14	14	36	48	53	110	112	127	44	33	8.4	13	26
15	16	34	49	59	103	108	138	43	31	9.3	13	25
16	16	32	45	64	102	105	30	42	29	11	13	24
17	14	30	44	61	129	102	6.8	41	28	13	14	23
18	14	29	42	59	121	102	12	40	26	13	14	23
19	23	28	41	68	114	120	10	39	25	13	14	25
20	20	27	40	65	110	116	10	37	25	12	13	25
21	19	27	39	64	104	113	10	35	24	12	12	24
22	19	30	50	68	105	108	10	34	22	11	11	25
23	19	30	52	96	118	104	10	32	21	11	11	24
24	18	29	71	92	113	100	10	31	21	11	10	22
25	18	28	69	88	106	142	10	30	19	10	9.6	20
26	30	27	66	85	101	191	10	29	18	9.9	11	19
27	29	26	75	106	105	183	10	27	17	9.7	8.8	18
28	21	25	71	106	106	178	10	27	17	9.6	8.3	18
29	20	25	70	98	---	175	9.7	28	17	9.2	7.8	18
30	20	33	66	94	---	175	13	28	16	8.9	7.5	21
31	21	---	63	91	---	175	---	28	---	8.4	8.1	---
TOTAL	468.0	841	1432	2145	3580	5257	2533.5	1050	774	341.4	299.5	851
MEAN	15.1	28.0	46.2	69.2	128	170	84.4	33.9	25.8	11.0	9.66	28.4
MAX	30	36	75	106	209	515	306	48	40	14	14	54
MIN	7.5	22	23	53	84	91	6.8	19	16	8.4	4.5	1

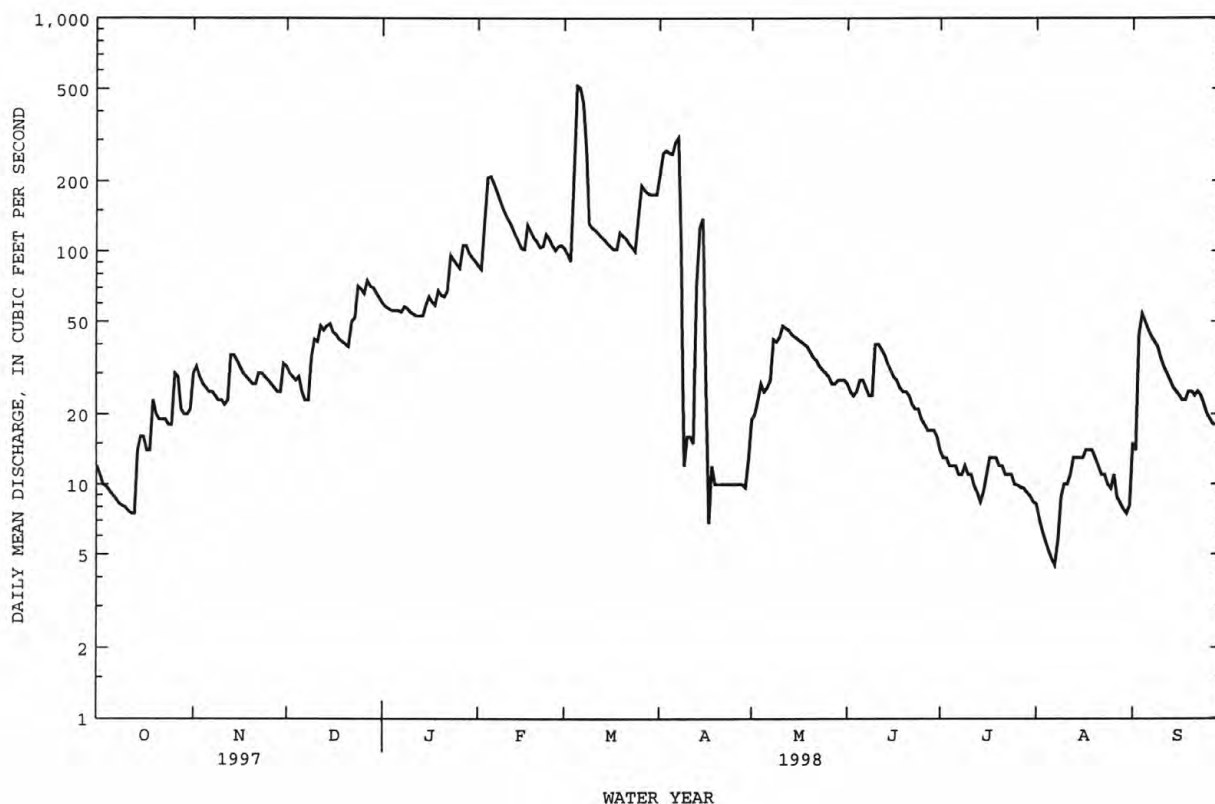
MEAN	27.9	29.3	34.3	46.7	51.0	55.5	39.0	34.1	31.7	28.5	36.7	31.6
MAX	83.7	69.0	59.5	95.7	128	170	84.4	69.6	62.0	62.6	135	109
(WY)	1991	1993	1990	1993	1998	1998	1998	1991	1992	1989	1991	1991
MIN	1.59	2.54	5.81	9.79	7.30	9.41	12.4	1.05	10.8	7.55	7.22	3.41
(WY)	1989	1982	1975	1995	1995	1995	1976	1987	1987	1977	1976	1982

SAVANNAH RIVER BASIN

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02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1974 - 1998	
ANNUAL TOTAL	8623.4		19572.4		37.6	
ANNUAL MEAN	23.6		53.6		65.2	
HIGHEST ANNUAL MEAN					17.1	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	75	Dec 27	515	Mar 5	515	Mar 5 1998
LOWEST DAILY MEAN	7.5	Oct 12	4.5	Aug 7	.60	Nov 29 1981
ANNUAL SEVEN-DAY MINIMUM	8.0	Oct 7	5.6	Aug 2	.91	Apr 27 1987
INSTANTANEOUS PEAK FLOW			603	Mar 5	603	Mar 5 1998
INSTANTANEOUS PEAK STAGE			6.43	Mar 5	6.43	Mar 5 1998
10 PERCENT EXCEEDS	42		120		67	
50 PERCENT EXCEEDS	21		28		34	
90 PERCENT EXCEEDS	11		9.9		8.7	



SAVANNAH RIVER BASIN

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 mi².

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.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

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	34	131	106	130	162	188	250	175	65	36	29	49
2	30	118	84	124	158	178	324	98	63	34	26	38
3	28	90	77	123	214	173	436	98	60	34	24	152
4	27	76	76	122	429	166	567	147	57	32	22	208
5	26	70	75	121	389	464	373	101	66	32	21	105
6	24	68	70	122	304	718	356	90	69	32	21	91
7	23	67	66	124	275	641	398	95	64	30	20	85
8	23	66	64	144	256	720	354	153	58	30	39	79
9	22	64	156	135	244	659	177	123	60	33	67	78
10	22	62	177	121	229	292	113	113	173	33	53	70
11	22	61	141	116	221	243	99	136	125	31	37	65
12	22	63	154	113	214	224	86	117	91	31	42	61
13	21	157	127	117	200	212	94	110	81	29	64	58
14	23	141	124	121	191	207	192	107	74	27	50	54
15	59	103	133	150	183	202	243	103	69	35	67	52
16	76	87	112	199	184	197	182	99	65	57	44	50
17	54	80	105	146	331	189	80	97	64	72	63	49
18	45	77	101	129	237	192	201	95	59	56	43	51
19	101	75	97	172	202	297	120	92	61	41	40	63
20	74	73	95	160	192	235	93	88	72	37	53	59
21	54	75	92	138	182	206	80	85	61	34	36	58
22	54	92	153	141	194	194	95	82	56	32	32	68
23	61	85	169	336	264	189	88	78	53	32	30	56
24	52	78	225	243	217	184	78	76	49	40	30	50
25	53	73	263	182	190	181	71	74	46	33	28	45
26	92	72	160	165	180	252	65	71	44	31	28	43
27	190	70	204	270	211	260	62	67	46	32	26	42
28	81	68	178	267	204	254	60	65	48	35	25	42
29	63	67	151	193	---	249	59	70	42	30	24	43
30	57	141	144	176	---	247	78	68	39	27	23	61
31	57	---	136	169	---	246	---	68	---	27	23	---
TOTAL	1570	2550	4015	4969	6457	8859	5474	3041	1980	1095	1130	2025
MEAN	50.6	85.0	130	160	231	286	182	98.1	66.0	35.3	36.5	67.5
MAX	190	157	263	336	429	720	567	175	173	72	67	208
MIN	21	61	64	113	158	166	59	65	39	27	20	38
CFSM	.85	1.43	2.18	2.70	3.89	4.82	3.08	1.65	1.11	.60	.61	1.14
IN.	.98	1.60	2.52	3.12	4.05	5.56	3.43	1.91	1.24	.69	.71	1.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1998, BY WATER YEAR (WY)

MEAN	63.7	69.7	84.1	110	118	126	93.3	76.6	66.7	59.7	77.4	68.1
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	47.2	54.0	64.2	44.4	30.3	23.7	23.7	20.1	23.6	17.8
(WY)	1989	1982	1985	1985	1988	1985	1985	1985	1986	1981	1983	1981

SAVANNAH RIVER BASIN

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02197400 LOWER THREE RUNS NEAR SNELLING, SC--Continued

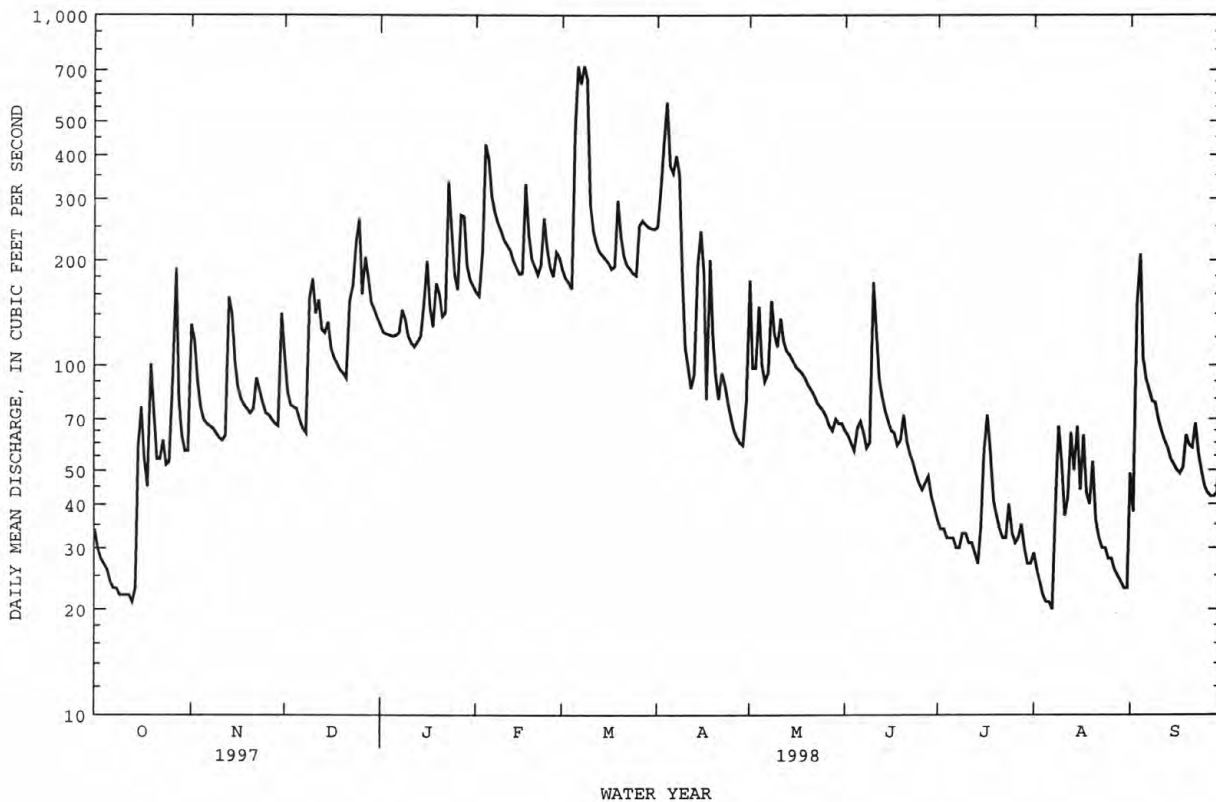
SUMMARY STATISTICS

FOR 1998 WATER YEAR

WATER YEARS 1974 - 1998

ANNUAL TOTAL	43165			
ANNUAL MEAN	118		86.1	
HIGHEST ANNUAL MEAN			145	1991
LOWEST ANNUAL MEAN			57.0	1981
HIGHEST DAILY MEAN	720	Mar 8	743	Oct 23 1990
LOWEST DAILY MEAN	20	Aug 7	13	Jul 19 1986
ANNUAL SEVEN-DAY MINIMUM	22	Oct 7	15	Oct 3 1981
INSTANTANEOUS PEAK FLOW	907	Mar 8	* 913	Oct 23 1990
INSTANTANEOUS PEAK STAGE	4.52	Mar 8	4.53	Oct 23 1990
ANNUAL RUNOFF (CFSM)	1.99		1.45	
ANNUAL RUNOFF (INCHES)	27.08		19.73	
10 PERCENT EXCEEDS	239		151	
50 PERCENT EXCEEDS	80		71	
90 PERCENT EXCEEDS	31		29	

* From rating extended above 443 ft³/s.



SAVANNAH RIVER BASIN

02197415 LOWER THREE RUNS AT MARTIN, SC

LOCATION.--Lat 33°04'24'', long 81°28'37'', Allendale County, Hydrologic Unit 03060106, on right bank 50 ft upstream of State Road 125, 1.3 mi downstream of Davis Branch, 1.4 mi upstream of Mill Creek, and at Martin, SC.

DRAINAGE AREA.--110 mi².

PERIOD OF RECORD.--December 1997 to September 1998.

GAGE.--Data collection platform. Datum of gage is 80 ft above sea level (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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	255	291	374	364	315	122	81	82	89
2	---	---	---	236	279	319	373	361	115	79	77	95
3	---	---	159	227	e320	291	547	229	109	82	72	218
4	---	---	146	226	e1100	274	1300	306	104	81	71	533
5	---	---	141	217	e900	273	842	321	124	84	69	371
6	---	---	136	216	e725	723	575	220	124	82	67	174
7	---	---	131	223	532	958	530	207	121	79	67	138
8	---	---	128	423	457	1140	567	278	110	78	78	128
9	---	---	189	579	409	2180	747	320	104	78	128	131
10	---	---	323	321	372	1170	517	242	208	83	150	117
11	---	---	375	251	348	600	279	230	453	84	112	110
12	---	---	329	229	340	467	227	239	241	86	95	105
13	---	---	298	222	319	402	202	200	151	81	137	101
14	---	---	268	223	301	368	226	182	128	76	133	98
15	---	---	270	257	287	350	452	175	120	86	130	96
16	---	---	241	426	e310	335	424	167	113	115	115	94
17	---	---	201	411	e750	322	322	163	110	157	104	94
18	---	---	181	280	e580	320	630	160	105	151	108	96
19	---	---	170	309	e430	666	718	155	101	113	93	106
20	---	---	163	410	e360	738	351	144	113	93	122	110
21	---	---	159	310	330	468	260	140	113	86	105	106
22	---	---	218	262	329	373	235	138	102	88	87	118
23	---	---	408	658	580	337	236	134	97	83	82	117
24	---	---	539	870	535	319	222	130	93	113	81	102
25	---	---	1080	496	384	304	199	127	92	94	80	95
26	---	---	617	344	324	295	178	123	88	84	76	91
27	---	---	500	448	356	365	165	121	89	82	74	90
28	---	---	600	854	442	379	159	121	95	92	72	91
29	---	---	395	525	---	367	155	135	92	85	70	93
30	---	---	306	363	---	363	169	130	86	79	69	108
31	---	---	272	313	---	359	---	124	---	77	69	---
TOTAL	---	---	---	11384	12690	16199	12171	6037	3823	2812	2875	4015
MEAN	---	---	---	367	453	523	406	195	127	90.7	92.7	134
MAX	---	---	---	870	1100	2180	1300	361	453	157	150	533
MIN	---	---	---	216	279	273	155	121	86	76	67	89

SAVANNAH RIVER BASIN

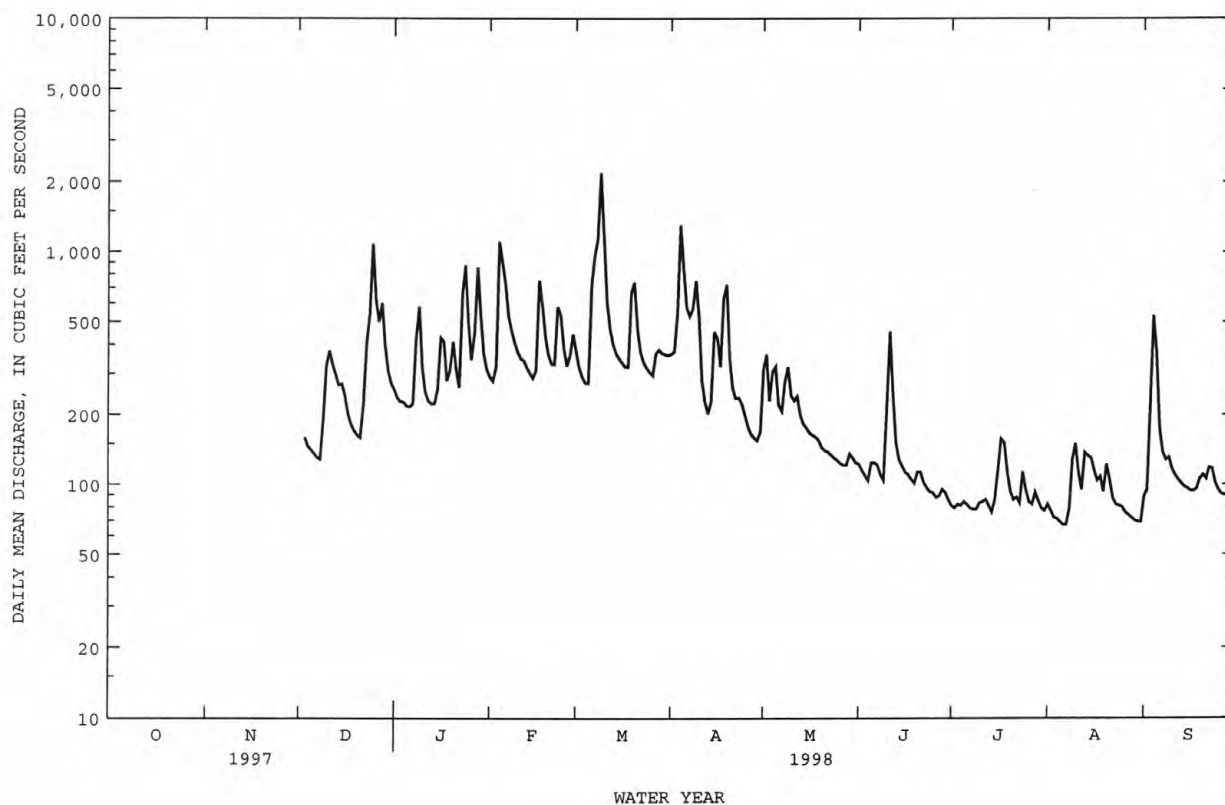
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02197415 LOWER THREE RUNS AT MARTIN, SC--Continued

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	367	453	523	406	195	127	90.7	92.7	134
MAX	---	---	---	367	453	523	406	195	127	90.7	92.7	134
(WY)	---	---	---	1998	1998	1998	1998	1998	1998	1998	1998	1998
MIN	---	---	---	367	453	523	406	195	127	90.7	92.7	134
(WY)	---	---	---	1998	1998	1998	1998	1998	1998	1998	1998	1998

e Estimated



SAVANNAH RIVER BASIN

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 mi², 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.--No estimated daily discharges. Records good. 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 ft³/s, from rating curve extended above 141,000 ft³/s.

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	5940	8070	6540	20400	29200	32200	24700	25700	13000	8130	7710	7590
2	6110	7070	7310	20400	29500	32300	24100	26400	10000	8050	7460	7360
3	6730	6790	8600	21200	29600	32300	23300	28100	9130	7760	6610	7500
4	6300	6840	7710	22800	30800	32200	23000	30100	9090	6740	6460	9400
5	5810	7370	7970	24500	31900	31900	22700	31200	9030	5980	6830	13000
6	5370	7730	8590	25300	31900	32000	22400	31100	10000	5830	6390	15200
7	5520	6890	8100	24900	33400	32500	22700	30500	9260	6480	6000	15800
8	7020	5480	6670	24800	35700	33700	23300	30500	8130	7080	6070	14300
9	7650	5410	6490	24000	38000	36500	23800	30400	7020	6990	6340	11100
10	7490	6130	7300	22500	39600	35600	23500	30200	7230	6940	6700	9650
11	6730	5760	7640	20700	39500	34200	23000	28700	8390	7070	6930	8770
12	6360	6280	8190	19900	38500	34500	23400	25200	9580	6910	6860	7760
13	5580	6720	8550	20000	38100	33300	25300	21700	9430	6250	6570	7380
14	5530	7930	8370	21000	37700	31300	28100	20400	8670	5970	6450	7290
15	6460	9970	8790	22800	37200	30400	30600	20500	8230	6610	6560	7360
16	6450	13000	9390	24800	36900	30700	31400	22100	8440	7460	7300	7750
17	7040	13500	11900	25800	37800	31400	30400	24800	9090	7720	7000	7650
18	6110	10200	13600	26200	37200	31700	29300	27200	8900	9310	6690	7770
19	6050	8730	14400	26700	33800	32500	29200	28400	8860	9790	7320	7790
20	6170	9020	14900	27300	30800	33100	29300	28200	9110	8940	7380	7610
21	5970	8100	15300	27200	30000	33100	30200	25800	9020	8600	7140	6730
22	5960	7290	15200	26600	30700	31600	31300	21900	8470	8330	7250	6840
23	5880	6780	15100	26900	31600	29200	31900	18400	8000	8430	7050	7810
24	6470	6400	16000	27200	31900	28300	32100	17400	7830	8240	6880	7690
25	7590	6240	18000	26900	31600	29100	31900	17500	7430	8110	7370	7340
26	7400	6050	19000	26300	31600	30100	31600	18100	7910	7330	7260	6670
27	7330	6600	20100	26100	32000	29600	30900	18900	8630	6630	7000	6790
28	8860	6310	21500	26200	32100	28000	29300	19800	7710	6730	7030	6230
29	12000	6050	22600	26100	---	26600	27400	20400	6990	7280	6990	6470
30	11700	6200	22500	26400	---	25600	26000	20100	7560	7270	7020	7800
31	9310	---	21300	27800	---	25100	---	17200	---	7560	7360	---
TOTAL	214890	224910	387610	759700	948600	970600	816100	756900	260140	230520	213980	258400
MEAN	6932	7497	12500	24510	33880	31310	27200	24420	8671	7436	6903	8613
MAX	12000	13500	22600	27800	39600	36500	32100	31200	13000	9790	7710	15800
MIN	5370	5410	6490	19900	29200	25100	22400	17200	6990	5830	6000	6230
CFSM	.80	.87	1.45	2.83	3.92	3.62	3.14	2.82	1.00	.86	.80	1.00
IN.	.92	.97	1.67	3.27	4.08	4.17	3.51	3.26	1.12	.99	.92	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1998, BY WATER YEAR (WY)

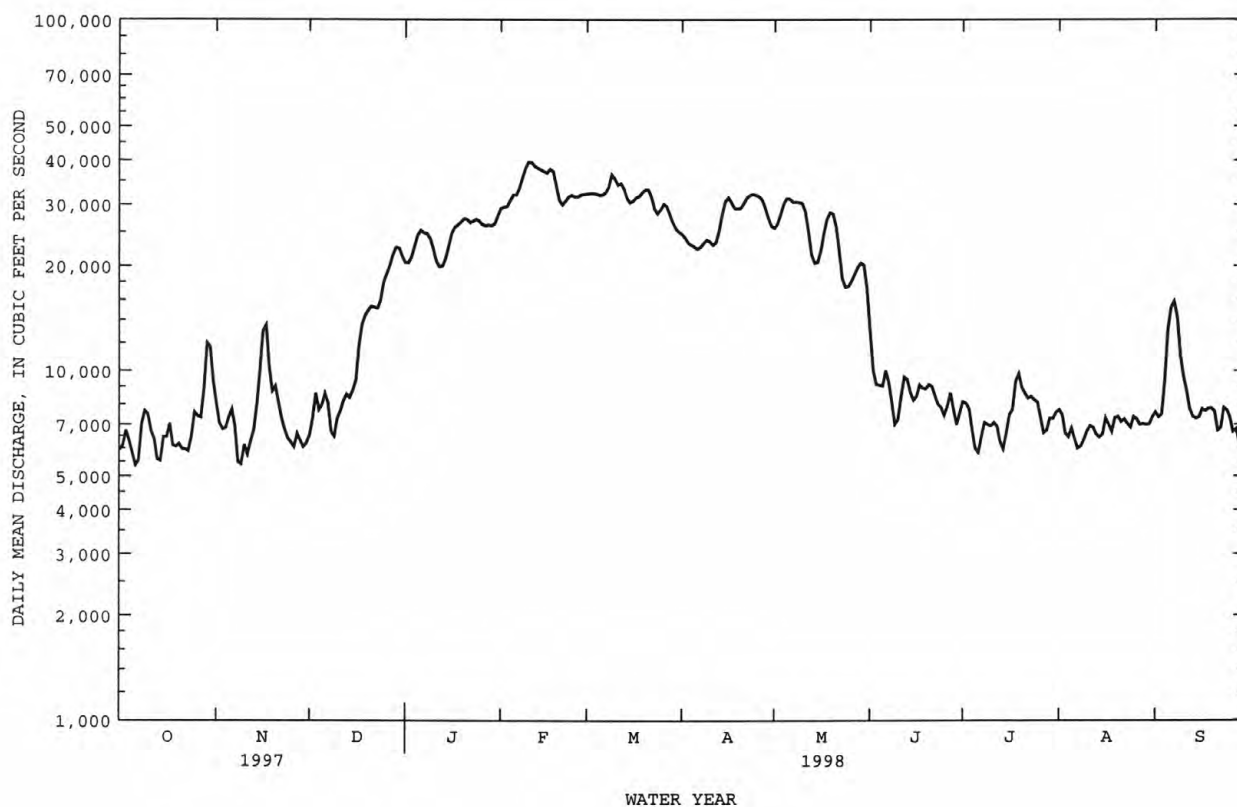
	MEAN	7577	7815	10100	12770	14330	16950	14860	10770	8154	8158	8485	7718
MAX	20150	22070	32410	35290	33880	33880	46240	29980	15960	19400	28040	20010	
(WY)	1965	1948	1949	1993	1998	1944	1964	1964	1967	1941	1940	1964	
MIN	2984	3284	4677	5067	5785	6089	5886	4192	4705	4178	4147	3597	
(WY)	1942	1942	1953	1956	1989	1988	1988	1941	1952	1952	1951	1941	

SAVANNAH RIVER BASIN

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

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1940 - 1998	
ANNUAL TOTAL	3811250		6042350		10620	
ANNUAL MEAN	10440		16550		18320	
HIGHEST ANNUAL MEAN					5790	
LOWEST ANNUAL MEAN					138000	
HIGHEST DAILY MEAN	28200	Mar 14	39600	Feb 10	Aug 18 1940	
LOWEST DAILY MEAN	4610	Sep 23	5370	Oct 6	2120	
ANNUAL SEVEN-DAY MINIMUM	5100	Sep 19	5970	Oct 1	2490	
INSTANTANEOUS PEAK FLOW			39900	Feb 10	141000	
INSTANTANEOUS PEAK STAGE			18.70	Feb 10	27.00	
ANNUAL RUNOFF (CFSM)	1.21		1.91		1.23	
ANNUAL RUNOFF (INCHES)	16.39		25.99		16.69	
10 PERCENT EXCEEDS	18900		31900		20100	
50 PERCENT EXCEEDS	8630		9580		7800	
90 PERCENT EXCEEDS	5670		6450		5090	



SAVANNAH RIVER BASIN

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 Clio, and at mile 60.9.

DRAINAGE AREA.--9,850 mi², 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 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7750	11400	8110	27900	32300	37800	29100	32400	18800	8450	e8370	8140
2	7200	10600	8500	27800	32100	38000	28000	30800	18800	8870	e8450	8390
3	7140	9370	9120	26500	33100	38100	27300	29300	17200	8960	e8350	8640
4	7640	8690	9970	25000	35700	37900	27300	29000	14600	8750	7750	8840
5	7810	8750	9890	23900	38100	37600	26700	30100	12200	8050	7450	9600
6	7530	9000	9670	23600	40400	37400	26000	32300	11100	7320	7590	11000
7	6990	9220	9910	24200	42400	37500	25400	33900	11000	7050	7370	12100
8	6800	8710	9780	25800	43100	38400	25300	34600	10800	7350	7070	13000
9	7650	7370	8810	27400	43600	41100	26000	34400	10100	7860	7030	13900
10	8320	6760	8420	28400	46800	45600	26400	34400	9210	7900	7210	14400
11	8330	7130	8890	28600	49700	51000	27300	34400	9150	7850	7460	14500
12	7690	7100	9220	27900	50900	52600	27900	33900	9690	7910	7720	13800
13	7180	7560	9640	26400	50600	51000	27500	33000	10400	7820	7790	12300
14	6570	8240	10100	24700	49200	49800	26900	30800	10600	7350	7590	10600
15	6280	9210	10300	23500	47600	47600	27300	27900	10300	7070	7480	9600
16	6820	10300	10700	23100	46700	42900	29200	24900	9850	7430	7550	9140
17	7000	11600	11000	23400	47900	39000	32600	23000	9680	8140	8080	9120
18	7440	12500	11800	24900	48200	36800	35000	22200	9970	8560	8070	9100
19	7100	12800	12600	27200	48700	36800	35800	22600	10100	9440	7820	9060
20	6780	12000	13300	28900	48200	37600	35100	24700	9990	10000	8160	9030
21	6850	11100	14000	30000	44700	38600	34400	27600	10000	10000	8300	8860
22	6760	10600	14600	31000	40500	39400	34200	29100	10000	9830	8160	8270
23	6770	10000	15100	32700	38800	39400	34300	28700	9730	9670	8170	8050
24	6710	9240	15800	33400	37900	38100	34800	26600	9290	9590	8080	8630
25	7070	8440	16600	33600	38000	35600	35400	23700	9020	9450	7910	8790
26	8040	7960	17300	34000	38400	33500	36000	21100	8710	9220	8160	8540
27	8540	7640	18600	34600	38200	32600	36200	19300	8870	8680	8200	8050
28	8410	7810	20600	34500	37900	32700	35900	18400	9340	7980	7960	7890
29	9170	7740	23300	33700	---	32800	35000	18000	9030	7780	7920	7580
30	10600	7830	25600	33300	---	32100	33700	18000	8340	8080	7860	7630
31	11500	---	27000	32900	---	30700	---	18400	---	e8170	7870	---
TOTAL	236440	276670	408230	882800	1189700	1220000	922000	847500	325870	260580	242950	296550
MEAN	7627	9222	13170	28480	42490	39350	30730	27340	10860	8406	7837	9885
MAX	11500	12800	27000	34600	50900	52600	36200	34600	18800	10000	8450	14500
MIN	6280	6760	8110	23100	32100	30700	25300	18000	8340	7050	7030	7580
CFSM	.77	.94	1.34	2.89	4.31	4.00	3.12	2.78	1.10	.85	.80	1.00
IN.	.89	1.04	1.54	3.33	4.49	4.61	3.48	3.20	1.23	.98	.92	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1998, BY WATER YEAR (WY)

	MEAN	9295	8839	11410	14530	16350	18870	17660	11950	9643	8857	9125	8235
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	6723	7043	6664	4873	4925	4635	4793	3098	
(WY)	1932	1932	1940	1956	1989	1988	1986	1941	1988	1952	1951	1931	

SAVANNAH RIVER BASIN

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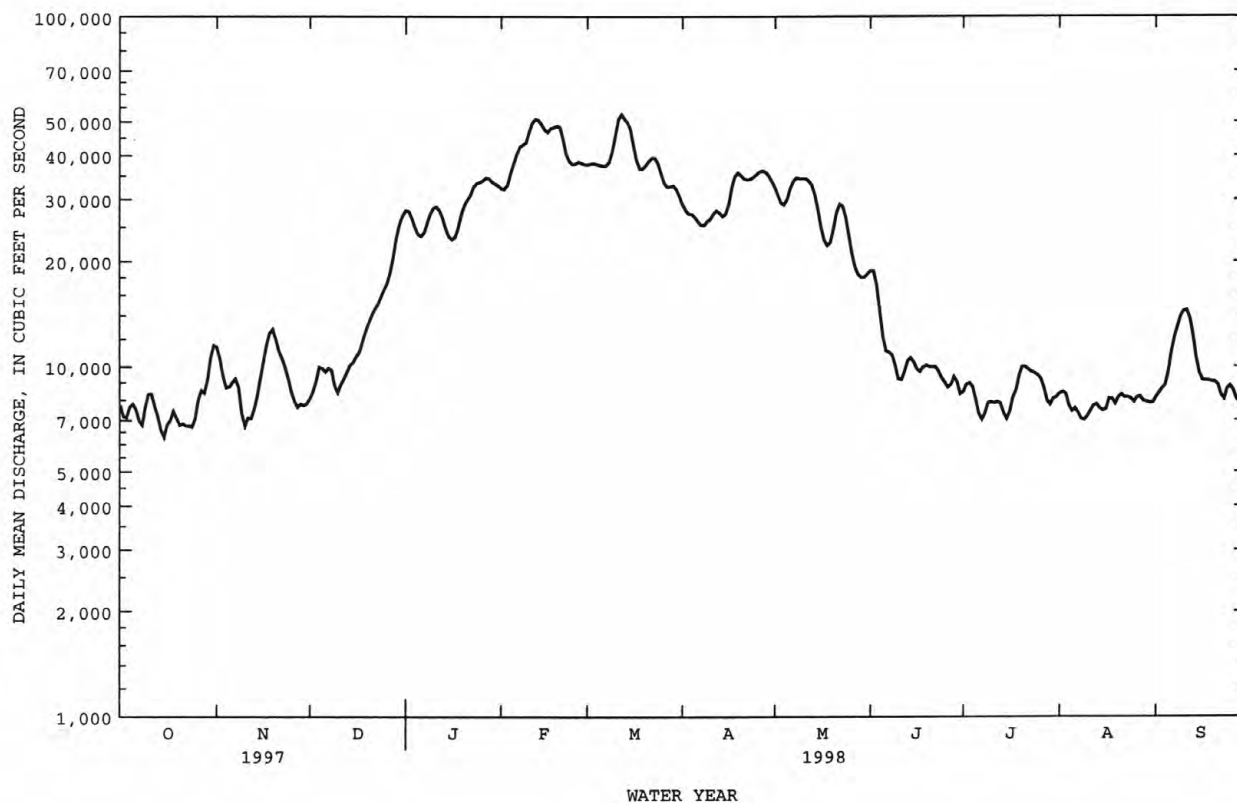
02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1930 - 1998	
ANNUAL TOTAL	4208990		7109290		12040	
ANNUAL MEAN	11530		19480		20900	
HIGHEST ANNUAL MEAN					6399	
LOWEST ANNUAL MEAN					1964	
HIGHEST DAILY MEAN	30200	Mar 17	52600	Mar 12	e 203000	** Oct 2 1929
LOWEST DAILY MEAN	5440	Sep 24	6280	Oct 15	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	5810	Sep 20	6860	Oct 14	2470	Sep 23 1931
INSTANTANEOUS PEAK FLOW			53000	Mar 12	* 270000	Oct 6 1929
INSTANTANEOUS PEAK STAGE			18.00	Mar 12	* 29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)	1.17		1.98		1.22	
ANNUAL RUNOFF (INCHES)	15.90		26.85		16.61	
10 PERCENT EXCEEDS	18800		38000		22200	
50 PERCENT EXCEEDS	9940		11400		8990	
90 PERCENT EXCEEDS	6810		7560		5760	

e Estimated

* Present datum (from information by U.S. Army Corps of Engineers) and from rating curve extended above 120,000 ft³/s.

** Also occurred on Oct. 3 - 10, 1929, which are estimates.



SAVANNAH RIVER BASIN

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, 14.18 ft, Feb. 17; minimum gage height, 4.50 ft, July 7.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.14	5.74	6.47	8.61	8.10	8.36	6.94	5.66	6.26	12.53	12.38	12.45
2	6.81	5.33	6.11	8.61	7.76	8.18	7.33	5.92	6.63	12.59	12.53	12.56
3	6.58	5.18	5.90	8.16	7.08	7.63	7.50	6.25	6.90	12.60	12.54	12.57
4	6.58	5.24	5.96	7.49	6.40	6.91	7.76	6.77	7.28	12.55	12.42	12.49
5	6.69	5.47	6.04	7.28	6.26	6.74	7.77	7.06	7.39	12.43	12.28	12.36
6	6.56	5.34	5.94	7.46	6.35	6.88	7.63	6.89	7.24	12.28	12.15	12.22
7	6.32	4.94	5.67	7.51	6.57	7.04	7.68	6.89	7.26	12.16	12.10	12.13
8	6.19	4.69	5.42	7.46	6.44	6.99	7.77	6.99	7.40	12.24	12.10	12.19
9	6.55	4.95	5.72	7.17	5.73	6.53	7.76	6.64	7.19	12.36	12.23	12.30
10	6.87	5.42	6.18	6.75	5.11	5.99	7.51	6.29	6.85	12.49	12.35	12.42
11	7.08	5.83	6.45	6.70	4.97	5.94	7.46	6.16	6.86	12.58	12.48	12.54
12	7.10	5.73	6.47	6.86	5.18	6.07	7.72	6.44	7.12	12.61	12.57	12.59
13	6.93	5.43	6.29	7.20	5.39	6.43	7.98	6.71	7.41	12.61	12.52	12.57
14	6.76	4.98	6.01	7.46	5.93	6.74	8.28	7.12	7.76	12.53	12.39	12.45
15	---	---	---	7.51	6.28	6.91	8.41	7.53	8.00	12.39	12.25	12.32
16	---	---	---	7.89	6.77	7.34	8.45	7.57	8.05	12.27	12.09	12.18
17	---	---	---	8.42	7.45	7.95	8.52	7.76	8.16	12.11	12.01	12.05
18	---	---	---	8.79	8.09	8.45	8.55	7.87	8.20	12.06	12.00	12.03
19	---	---	---	9.05	8.51	8.75	8.74	8.20	8.47	12.25	12.06	12.16
20	---	---	---	9.00	8.57	8.79	8.91	8.52	8.69	12.46	12.23	12.36
21	---	---	---	8.73	8.13	8.51	9.15	8.70	8.93	12.61	12.46	12.54
22	6.54	4.92	5.79	8.39	7.69	8.08	9.43	8.96	9.24	12.83	12.61	12.69
23	6.51	4.88	5.70	8.03	7.33	7.71	9.62	9.26	9.48	13.08	12.83	13.00
24	6.36	4.86	5.61	7.66	6.81	7.28	10.16	9.52	9.91	13.16	13.07	13.11
25	6.27	4.73	5.41	7.31	6.38	6.81	10.42	10.11	10.30	13.20	13.14	13.17
26	6.86	5.05	6.03	7.00	5.89	6.43	10.74	10.37	10.55	13.20	13.17	13.19
27	7.17	5.95	6.58	6.70	5.53	6.10	11.17	10.72	10.97	13.34	13.17	13.27
28	7.11	6.04	6.54	6.82	5.46	6.12	11.47	11.16	11.30	13.34	13.29	13.31
29	7.39	6.12	6.78	6.89	5.57	6.19	11.82	11.47	11.64	13.30	13.26	13.28
30	8.05	6.69	7.36	7.04	5.65	6.30	12.14	11.82	11.97	13.27	13.18	13.22
31	8.53	7.49	7.98	---	---	---	12.38	12.14	12.27	13.19	13.11	13.15
MONTH	---	---	---	9.05	4.97	7.14	12.38	5.66	8.57	13.34	12.00	12.61

SAVANNAH RIVER BASIN

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02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.12	13.03	13.07	13.43	13.37	13.40	12.80	12.66	12.73	13.04	12.91	12.98
2	13.04	12.97	13.00	13.39	13.34	13.36	12.66	12.51	12.59	12.92	12.75	12.84
3	13.13	12.96	13.03	13.36	13.31	13.34	12.52	12.44	12.48	12.76	12.62	12.69
4	13.28	13.13	13.20	13.35	13.32	13.33	12.53	12.45	12.50	12.67	12.58	12.63
5	13.38	13.24	13.32	13.34	13.30	13.32	12.45	12.39	12.43	12.58	12.54	12.56
6	13.52	13.37	13.45	13.32	13.28	13.30	12.40	12.36	12.38	12.68	12.54	12.60
7	13.64	13.52	13.59	13.32	13.28	13.30	12.36	12.28	12.32	12.84	12.67	12.76
8	13.68	13.63	13.66	13.42	13.30	13.33	12.33	12.24	12.27	12.95	12.84	12.90
9	13.69	13.65	13.68	13.55	13.39	13.48	12.45	12.31	12.40	12.96	12.94	12.95
10	13.74	13.67	13.70	13.74	13.54	13.64	12.48	12.42	12.44	12.98	12.94	12.96
11	13.88	13.73	13.80	13.92	13.73	13.83	12.54	12.47	12.50	12.99	12.96	12.97
12	13.97	13.86	13.92	14.02	13.92	13.98	12.55	12.52	12.53	12.97	12.92	12.95
13	14.04	13.97	14.01	14.08	14.02	14.05	12.54	12.49	12.52	12.93	12.87	12.90
14	14.05	14.02	14.04	14.07	14.03	14.05	12.54	12.46	12.50	12.87	12.76	12.83
15	14.04	13.96	14.00	14.03	13.94	13.99	12.53	12.46	12.50	12.76	12.55	12.67
16	14.01	13.93	13.97	13.95	13.78	13.86	12.51	12.45	12.48	12.55	12.29	12.43
17	14.18	13.99	14.14	13.78	13.57	13.67	12.72	12.50	12.60	12.29	12.01	12.16
18	14.14	14.06	14.10	13.57	13.40	13.48	12.96	12.72	12.85	12.01	11.76	11.89
19	14.13	14.08	14.11	13.50	13.34	13.42	13.08	12.95	13.03	11.77	11.64	11.71
20	14.13	14.05	14.10	13.35	13.30	13.32	13.10	13.07	13.08	11.69	11.62	11.65
21	14.05	13.91	13.99	13.35	13.30	13.32	13.09	13.01	13.05	11.96	11.67	11.80
22	13.92	13.81	13.85	13.37	13.32	13.35	13.02	12.96	13.00	12.27	11.96	12.12
23	13.87	13.69	13.78	13.40	13.36	13.38	13.00	12.96	12.98	12.40	12.27	12.35
24	13.71	13.58	13.63	13.39	13.33	13.36	13.00	12.97	12.98	12.41	12.34	12.38
25	13.59	13.52	13.55	13.35	13.24	13.30	13.01	12.98	13.00	12.34	12.13	12.25
26	13.52	13.46	13.49	13.25	13.09	13.17	13.05	13.00	13.03	12.14	11.82	11.98
27	13.48	13.43	13.46	13.10	12.96	13.02	13.07	13.04	13.05	11.82	11.47	11.64
28	13.47	13.41	13.45	12.97	12.90	12.93	13.09	13.05	13.07	11.47	11.14	11.31
29	---	---	---	12.92	12.89	12.91	13.09	13.02	13.05	11.17	10.88	11.04
30	---	---	---	12.92	12.87	12.89	13.03	12.97	13.00	10.94	10.71	10.84
31	---	---	---	12.88	12.79	12.84	---	---	---	10.81	10.65	10.74
MONTH	14.18	12.96	13.68	14.08	12.79	13.42	13.10	12.24	12.71	13.04	10.65	12.27

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	10.76	10.65	10.71	6.14	5.23	5.69	6.54	5.35	5.84	6.57	5.27	5.90
2	10.79	10.67	10.74	6.49	5.34	5.94	6.92	5.65	6.25	6.75	5.50	6.06
3	10.81	10.69	10.75	6.65	5.67	6.11	6.97	5.71	6.32	6.97	5.65	6.42
4	10.69	10.39	10.56	6.84	5.71	6.22	6.68	5.35	6.06	7.13	5.92	6.38
5	10.39	9.55	10.00	6.62	5.41	5.99	6.60	4.93	5.77	7.56	6.07	6.70
6	9.55	8.54	8.99	6.42	4.81	5.62	6.73	5.01	5.78	8.15	6.75	7.38
7	8.54	7.75	8.15	6.33	4.50	5.38	6.69	4.96	5.83	8.48	7.51	7.99
8	8.17	7.39	7.78	6.41	4.51	5.29	6.63	4.74	5.69	8.76	8.01	8.36
9	7.92	6.94	7.41	6.60	4.90	5.57	6.52	4.70	5.59	9.10	8.49	8.82
10	7.63	6.19	6.85	6.72	5.05	5.72	6.53	4.86	5.69	9.35	8.87	9.12
11	7.26	5.96	6.53	6.76	5.24	5.98	6.53	4.95	5.76	9.49	9.05	9.28
12	7.31	6.16	6.64	6.84	5.35	6.11	6.59	5.12	5.89	9.49	9.12	9.32
13	7.43	6.54	6.97	6.95	5.38	6.21	6.68	5.29	6.01	9.33	8.77	9.12
14	7.61	6.87	7.23	6.78	5.05	6.01	6.71	5.19	5.97	8.89	8.01	8.56
15	7.73	6.76	7.23	6.59	4.76	5.75	6.64	5.07	5.88	8.17	7.31	7.79
16	7.49	6.49	7.01	6.37	4.69	5.56	6.62	4.95	5.77	7.55	6.60	7.18
17	7.17	6.32	6.75	6.67	4.91	5.76	6.73	5.19	5.93	7.43	6.35	6.92
18	7.39	6.33	6.85	6.87	5.44	6.07	6.78	5.40	6.03	7.44	6.31	6.87
19	7.62	6.53	7.05	7.28	5.74	6.44	6.73	5.21	5.93	7.45	6.28	6.88
20	7.64	6.56	7.07	7.63	6.36	6.89	7.13	5.38	6.15	7.42	6.29	6.88
21	7.73	6.62	7.14	7.67	6.64	7.10	7.13	5.71	6.42	7.42	6.22	6.83
22	7.76	6.63	7.16	7.59	6.56	7.04	7.12	5.60	6.36	7.21	5.76	6.46
23	7.67	6.53	7.12	7.54	6.44	6.94	6.96	5.50	6.18	6.86	5.56	6.24
24	7.65	6.22	6.91	7.48	6.38	6.84	6.79	5.48	6.10	7.10	5.79	6.49
25	7.46	6.03	6.74	7.39	6.29	6.78	6.70	5.33	5.97	7.11	5.95	6.52
26	7.37	5.79	6.57	7.29	6.15	6.62	6.65	5.43	5.99	6.89	5.87	6.39
27	7.17	5.76	6.40	7.15	5.91	6.49	6.33	5.34	5.78	6.58	5.49	6.08
28	7.01	5.93	6.46	6.94	5.42	6.13	6.03	5.23	5.61	6.35	5.31	5.83
29	7.13	5.99	6.58	6.34	5.16	5.70	6.15	5.16	5.58	6.33	5.12	5.70
30	6.89	5.41	6.16	6.15	5.20	5.67	6.24	5.17	5.65	6.37	5.01	5.70
31	---	---	---	6.25	5.27	5.70	6.32	5.17	5.69	---	---	---
MONTH	10.81	5.41	7.62	7.67	4.50	6.11	7.13	4.70	5.92	9.49	5.01	7.14

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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 Beavercreek, and 4.7 mi west of Hartsville. Drainage area, 173 mi². 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 mi², 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 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft³. 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 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft³. 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 mi², 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 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft³. 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 1997 TO SEPTEMBER 1998

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, 1997	220.7	1320		97.2	8931		97.2	1240		97.3	6068	
Oct. 31, 1997	221.3	1379	+22.0	97.1	8,881	-18.7	96.1	1,099	-52.6	97.6	6,235	+62.4
Nov. 30, 1997	221.0	1349	-11.6	96.9	8,782	-38.2	96.8	1,188	+34.3	95.7	5,199	-399.7
Dec. 31, 1997	221.5	1400	+19.0	97.1	8,881	+37.0	96.8	1,188	0	95.1	4,884	-117.6
Cal. Yr. 1997			+1.6			+7.8			-2.1			+11.5
Jan. 31, 1998	221.6	1410	+3.7	98.8	9,749	+324.1	99.5	1,557	+137.8	100.3	7,806	+1,091
Feb. 28, 1998	221.0	1349	-25.2	97.1	8,881	-358.8	98.3	1,388	-69.9	96.6	5,683	-877.6
Mar. 31, 1998	220.5	1300	-18.3	97.3	8,981	+37.3	98.5	1,416	+10.5	97.4	6,124	+164.7
Apr. 30, 1998	220.7	1320	+7.7	97.9	9,284	+116.9	99.4	1,543	+49.0	97.6	6,235	+42.8
May 31, 1998	220.8	1329	+3.4	97.4	9,031	-94.5	98.9	1,472	-26.5	97.0	5,902	-124.3
June 30, 1998	220.6	1310	-7.3	97.2	8,931	-38.6	98.0	1,347	-48.2	97.4	6,124	+85.6
July 31, 1998	221.2	1369	+22.0	97.6	9,132	+75.0	98.0	1,347	0	97.6	6,235	+41.4
Aug. 31, 1998	220.5	1300	-25.8	96.2	8,437	-259.5	96.4	1,137	-78.4	97.2	6,012	-83.3
Sept. 30, 1998	220.6	1310	+3.9	96.6	8,634	+76.0	97.2	1,240	+39.7	96.5	5,629	-147.8
Wtr. Yr. 1998			-0.3			-9.4			0			-13.9

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 1998 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 .	1987-98	02-03-98	6.54	287	04-15-87	7.14	368
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 .	1975-98	11-22-97	9.67	(+)	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 .	1986-98	01-08-98	4.60	103	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 .	1968-98	03-20-98	7.30	1,000	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 .	1984-98	09-03-98	5.40	572	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 ♦ 1995-98	02-17-98	17.17	(+)	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 1972-98	03-24-98	17.03	11,600	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 .	1974-98	03-24-98	6.97*	(+)	12-24-94	9.61	1,440
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 .	1976-98	03-24-98	7.96	714	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 ♦ 1972-98	01-13-98	11.58	4,800	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 .	1991-98	03-19-98	5.68	94.3	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 .	1985-98	01-27-98	8.01	314	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 .	1974-98	01-08-98	6.15	239	08-24-92	7.16	(+)

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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)
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 ♦ 1993-98	01-27-98	9.97	2,130	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 .	1990-98	04-09-98	5.83	(+)	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 ♦ 1994-98	07-27-98	15.53	(+)	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 .	1990-98	04-09-98	6.72	(+)	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 .	1990-98	01-28-98	6.34	204	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 .	1975-98	09-03-98	9.88	2,190	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 south of Ridgeway. Drainage area is 4.73 mi ² .	1991-98	01-28-98	10.01	611	08-02-91	10.85	458
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 .	1991-98	01-27-98	5.18	78.4	10-24-90	6.94	93.2
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 .	1975-98	04-09-98	3.49	(+)	10-12-90	7.40	(+)
Bullock Creek near Sharon, SC (02153800)	Lat 34°48'45", long 81°26'15", 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 .	1991-98	04-09-98	14.28	2,460	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 .	1991-98	04-09-98	7.60	803	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 .	1991-98	02-04-98	13.51	3,850	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 .	1990-98	04-17-98	12.84	492	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 ♦ 1975-98	01-08-98	8.08	2,180	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 .	1987-98	08-15-98	4.74	217	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 ♦ 1973-98	03-08-98	6.73	5,360	10-09-76	9.43	11,700

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)
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 .	1985-98	10-26-97	10.15	1,070	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 .	1977-98	01-06-98	4.96	340	08-26-95	8.43	1,090
Hamilton Creek near Easley, SC (02162525)	Lat 34°50'10", long 82°33'50", Pickens County, on State Highway 135, 4.6 mi northeast of Easley, 0.6 mi upstream of Georges Creek. Drainage area is 1.60 mi ² .	1981-86 ♦ 1987-98	10-26-97	5.16	277	08-27-95	8.11	835
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 .	1983-98	01-08-98	9.09	1,720	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 .	1974-98	04-17-98	7.19	(+)	08-27-95	8.76	(+)
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 .	1985-98	05-08-98	9.75	270	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 .	1985-98	04-03-98	8.37	185	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 .	1974-98	11-14-97	5.56	85.4	08-27-95	6.64	135
Tributary to Saluda River at Columbia, SC (02168845)	Lat 34°02'26", long 81°08'29", Richland County, on Bush River Road (S-32-273), at the crossing of a tributary to Saluda River, 0.7 mi upstream of the Saluda River. Drainage area is 0.45 mi ² .	1985-98	B	A	(+)	09-10-87	6.95	245
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 .	1984-98	09-03-98	6.89	1,070	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 .	1985-98	09-03-98	8.60	1,680	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 ♦ 1975-98	02-05-98	4.05	81	10-11-90	5.44	167
Santee River near Alvin, SC (02171660)	Lat 33°24'20", long 79°53'20", Berkeley County, 6.8 mi southeast of St Stephens, 9.5 mi northeast of Bonneau. Drainage area is indeterminate.	1997-98	02-10-98	23.47	(C)	02-10-98	23.47	(C)
Santee River near Honey Hill, SC (02171730)	Lat 33°14'43", long 79°31'20", Berkeley County, on bridge pair at Waterhorn Unit, 1.7 mi downstream from Echaw Creek.. Drainage area is indeterminate.	1973-76 ♦ 1977-96 ♦ 1997-98	02-10-98	30.05	(C)	02-10-98	30.05	(C)

Cooper River Basin

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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)
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 .	1991-98	02-05-98	6.12	376	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 .	1989-98	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 .	1986-98	02-03-98	5.81	208	10-01-89	7.41	311
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 .	1985-98	02-03-98	6.05	1,220	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 ♦ 1997-98	B	A	(+)	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 .	1991-98	09-03-98	4.34	(+)	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 ♦ 1975-98	09-03-98	7.57	(+)	10-09-92	9.33	1,200
Broad River Basin								
Tributary to Coosawhatchie River at Allendale, SC (02176380)	Lat 32°59'53", long 81°09'01", 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 .	1985-98	02-03-98	5.33	99.9	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 .	1991-98	09-03-98	5.49	220	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 1975-98	04-18-98	14.60	2,360	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 .	1990-98	03-09-98	5.51	(+)	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 ♦ 1972-98	B	A	(+)	07-26-91	7.21	(+)

DISCHARGE AT PARTIAL-RECORD STATIONS
AND MISCELLANEOUS SITES

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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)
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 .	1991-98	03-09-98	5.18	102	08-17-94	5.02	(+)
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 .	1977-98	03-10-98	5.19	404	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.

C Station operated to collect peak stage (discharge not determined).

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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 these 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	Discharge measurements		
			Date	Gage height (ft)	Discharge (ft ³ /s)
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 - 1998	11-27-97	93.40	6,580
			05-26-98	89.16	3,160
			07-15-98	86.11	1,860
			09-24-98	89.36	3,620
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 - 1998	11-14-97	27.24	778
			05-19-98	27.30	740
			08-07-98	27.14	677
Little River near Pineville, SC 02171520	Lat 33°28'56", long 80°09'43", Clarendon County, 4.5 mi upstream from Dead River, 8.1 mi west of Pineville.	1946 - 1998	05-19-98	---	22.2
			08-07-98	---	25.0
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 - 1998	11-19-97	57.03	2,270
			06-24-98	54.66	1,100
			09-25-98	54.07	1,040

GROUND WATER RECORDS

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 Formation.

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.

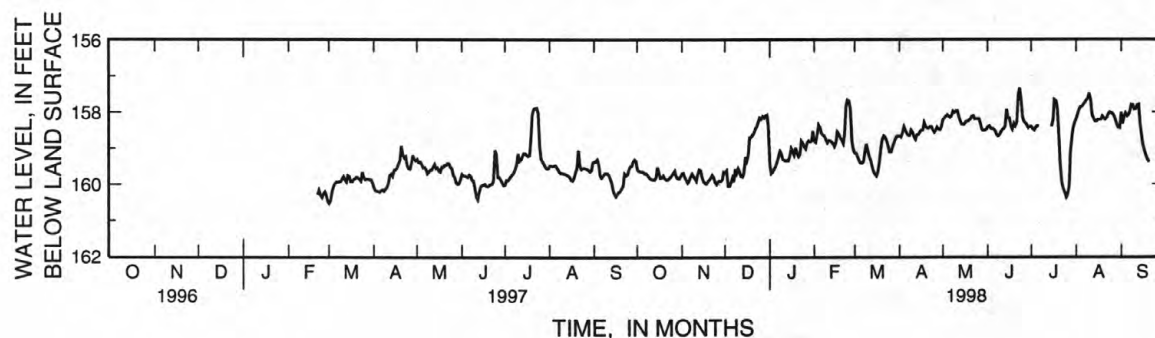
PERIOD OF RECORD.--May 1952 to November 1994, October 1995 to April 1996, February 1997 to current. Prior to October 1970, maximum and minimum only. Prior to 1974, published as AK-2 or LA-4.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159.59	159.70	159.67	159.45	158.80	159.13	158.66	158.22	158.41	158.40	158.20	158.02
2	159.64	159.69	159.62	159.70	158.83	159.14	158.69	158.17	158.39	158.47	158.05	158.33
3	159.65	159.81	160.06	159.66	158.61	159.24	158.58	158.13	158.45	158.50	157.93	158.13
4	159.65	159.89	160.06	159.58	158.36	159.35	158.41	158.08	158.47	158.43	157.86	158.04
5	159.66	159.96	159.96	159.50	158.44	159.41	158.50	158.11	158.47	158.39	157.85	158.12
6	159.70	159.91	159.82	159.38	158.59	159.42	158.59	158.15	158.52	158.40	157.80	158.09
7	159.70	159.78	159.93	159.24	158.63	159.38	158.64	158.11	158.61	---	157.74	157.98
8	159.74	159.71	159.59	159.09	158.66	159.11	158.64	157.98	158.66	---	157.68	157.80
9	159.79	159.78	159.70	159.15	158.75	158.89	158.50	158.01	158.64	---	157.63	157.81
10	159.85	159.84	159.57	159.31	158.84	159.06	158.56	157.97	158.56	---	157.49	157.93
11	159.86	159.91	159.65	159.33	158.78	159.23	158.68	157.97	158.49	---	157.69	157.92
12	159.87	159.70	159.78	159.35	158.79	159.34	158.75	158.12	158.46	---	158.08	157.82
13	159.88	159.60	159.79	159.34	158.82	159.52	158.63	158.25	158.40	---	158.18	157.80
14	159.81	159.62	159.69	159.35	158.87	159.65	158.62	158.34	157.93	---	158.26	158.29
15	159.53	159.80	159.25	159.20	158.95	159.73	158.55	158.35	158.17	158.40	158.26	158.65
16	159.67	159.92	159.36	159.01	158.82	159.77	158.50	158.33	158.17	158.24	158.22	158.91
17	159.83	159.97	159.19	159.09	158.55	159.65	158.50	158.26	158.41	157.67	158.22	159.08
18	159.82	159.99	158.70	159.19	158.60	159.40	158.30	158.26	158.48	157.70	158.21	159.20
19	159.76	159.93	158.69	158.99	158.71	159.02	158.40	158.23	158.32	157.85	158.13	159.32
20	159.83	159.88	158.63	159.12	158.76	158.76	158.44	158.19	158.39	158.66	158.18	159.39
21	159.88	159.82	158.58	159.23	158.86	158.66	158.45	158.13	158.29	159.44	158.21	---
22	159.88	159.75	158.46	159.18	158.60	158.69	158.40	158.11	157.52	159.96	158.16	---
23	159.84	159.81	158.40	158.80	157.81	158.78	158.40	158.19	157.34	160.12	158.07	---
24	159.80	159.94	158.26	158.85	157.67	158.94	158.49	158.19	157.68	160.23	158.01	---
25	159.75	160.00	158.16	158.95	157.70	159.11	158.56	158.19	158.15	160.37	158.03	---
26	159.69	159.94	158.19	159.01	157.91	159.11	158.50	158.19	158.28	160.30	158.06	---
27	159.63	159.91	158.12	158.85	158.79	158.98	158.42	158.33	158.31	160.04	158.11	---
28	159.77	159.92	158.16	158.79	159.03	158.86	158.48	158.49	158.37	159.12	158.23	---
29	159.84	159.87	158.10	158.82	---	158.75	158.49	158.51	158.44	158.66	158.36	---
30	159.85	159.66	158.08	158.80	---	158.67	158.40	158.50	158.40	158.43	158.43	---
31	159.78	---	158.38	158.53	---	158.66	---	158.48	---	158.27	158.44	---
MEAN	159.76	159.83	159.08	159.16	158.59	159.14	158.52	158.21	158.31	---	158.06	---
MAX	159.88	160.00	160.06	159.70	159.03	159.77	158.75	158.51	158.66	---	158.44	---
MIN	159.53	159.60	158.08	158.53	157.67	158.66	158.30	157.97	157.34	---	157.49	---



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 Formation.

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.

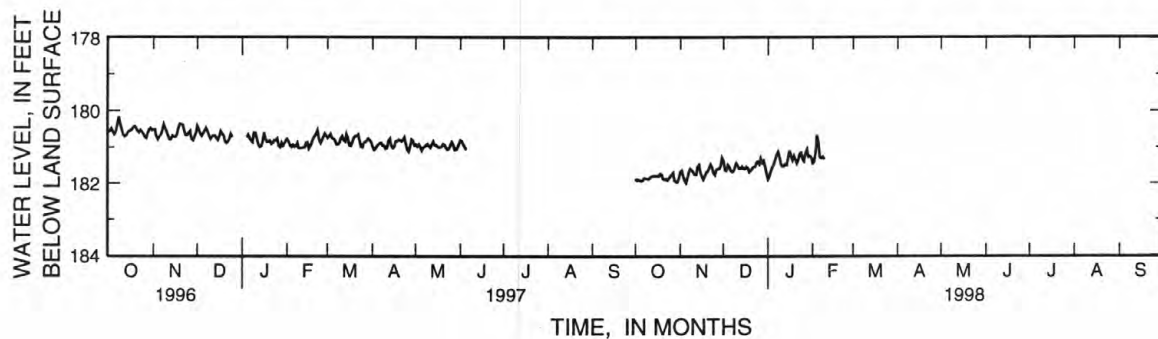
PERIOD OF RECORD.--April 1988 to May 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 180.09 ft below land-surface datum, Oct. 11, 1995; lowest, 184.08 ft below land-surface datum, Mar. 3, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181.87	181.68	181.37	181.88	181.44	---	---	---	---	---	---	---
2	181.92	181.65	181.63	181.81	181.41	---	---	---	---	---	---	---
3	181.90	181.81	181.65	181.66	181.14	---	---	---	---	---	---	---
4	181.92	181.92	181.49	181.54	180.66	---	---	---	---	---	---	---
5	181.93	181.98	181.53	181.47	180.88	---	---	---	---	---	---	---
6	181.91	181.85	181.65	181.34	181.27	---	---	---	---	---	---	---
7	181.85	181.67	181.68	181.21	181.30	---	---	---	---	---	---	---
8	181.86	181.60	181.67	181.13	181.27	---	---	---	---	---	---	---
9	181.87	181.64	181.55	181.26	181.33	---	---	---	---	---	---	---
10	181.88	181.69	181.45	181.46	---	---	---	---	---	---	---	---
11	181.84	181.76	181.51	181.53	---	---	---	---	---	---	---	---
12	181.81	181.76	181.59	181.53	---	---	---	---	---	---	---	---
13	181.80	181.53	181.59	181.47	---	---	---	---	---	---	---	---
14	181.79	181.49	181.54	181.49	---	---	---	---	---	---	---	---
15	181.79	181.69	181.60	181.27	---	---	---	---	---	---	---	---
16	181.80	181.81	181.60	181.10	---	---	---	---	---	---	---	---
17	181.80	181.89	181.54	181.25	---	---	---	---	---	---	---	---
18	181.74	181.81	181.58	181.36	---	---	---	---	---	---	---	---
19	181.75	181.70	181.68	181.25	---	---	---	---	---	---	---	---
20	181.87	181.67	181.65	181.34	---	---	---	---	---	---	---	---
21	181.89	181.57	181.60	181.44	---	---	---	---	---	---	---	---
22	181.87	181.48	181.54	181.36	---	---	---	---	---	---	---	---
23	181.91	181.55	181.54	181.18	---	---	---	---	---	---	---	---
24	181.86	181.71	181.43	181.16	---	---	---	---	---	---	---	---
25	181.81	181.76	181.40	181.33	---	---	---	---	---	---	---	---
26	181.76	181.62	181.46	181.38	---	---	---	---	---	---	---	---
27	181.71	181.60	181.32	181.15	---	---	---	---	---	---	---	---
28	181.92	181.60	181.43	181.06	---	---	---	---	---	---	---	---
29	181.96	181.52	181.38	181.26	---	---	---	---	---	---	---	---
30	181.96	181.29	181.53	181.24	---	---	---	---	---	---	---	---
31	181.85	---	181.72	181.28	---	---	---	---	---	---	---	---
MEAN	181.85	181.68	181.55	181.36	---	---	---	---	---	---	---	---
MAX	181.96	181.98	181.72	181.88	---	---	---	---	---	---	---	---
MIN	181.71	181.29	181.32	181.06	---	---	---	---	---	---	---	---



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 Formation.

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, 2.75 ft above land-surface datum.

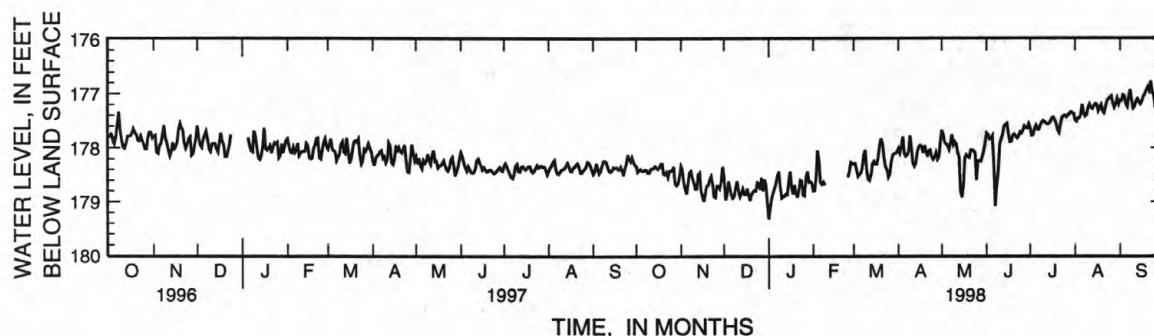
PERIOD OF RECORD.--November 1989 to December 1990, April 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	178.34	178.34	178.55	179.32	178.80	178.30	178.01	177.68	177.73	177.62	177.49	177.12
2	178.44	178.40	178.97	179.14	178.79	178.29	178.09	177.76	177.76	177.77	177.51	177.13
3	178.40	178.64	178.88	178.94	178.53	178.40	177.98	177.90	177.84	177.76	177.45	177.03
4	178.39	178.76	178.62	178.83	178.05	178.52	177.80	177.93	177.83	177.65	177.45	177.05
5	178.42	178.85	178.72	178.76	178.24	178.49	178.11	177.96	177.79	177.59	177.39	177.19
6	178.42	178.65	178.87	178.65	178.63	178.46	178.15	178.03	178.33	177.66	177.20	177.24
7	178.40	178.45	178.93	178.52	178.67	178.36	178.13	177.93	179.08	177.66	177.37	177.04
8	178.41	178.43	178.90	178.44	178.63	178.12	178.06	177.76	178.68	177.58	177.42	176.93
9	178.46	178.55	178.74	178.70	178.68	178.04	177.78	177.94	178.45	177.53	177.39	177.15
10	178.46	178.65	178.62	178.93	---	178.41	178.02	177.89	177.93	177.50	177.26	177.27
11	178.39	178.76	178.79	178.91	---	178.57	178.28	177.93	177.84	177.52	177.20	177.23
12	178.38	178.76	178.90	178.90	---	178.60	178.34	178.09	177.76	177.55	177.26	177.13
13	178.38	178.49	178.83	178.86	---	178.49	178.29	178.17	177.60	177.56	177.28	177.10
14	178.34	178.46	178.76	178.87	---	178.29	178.07	178.81	177.57	177.55	177.23	177.16
15	178.36	178.79	178.86	178.60	---	178.25	177.98	178.92	177.55	177.51	177.19	177.19
16	178.39	178.91	178.86	178.44	---	178.30	177.96	178.71	177.74	177.45	177.20	177.14
17	178.36	178.99	178.76	178.75	---	178.30	177.98	178.18	177.89	177.44	177.32	177.05
18	178.30	178.84	178.86	178.86	---	178.16	178.09	178.13	177.88	177.49	177.25	177.01
19	178.30	178.70	178.98	178.68	---	177.94	177.96	178.16	177.77	177.56	177.21	176.94
20	178.48	178.69	178.87	178.82	---	177.83	178.06	178.18	177.75	177.68	177.33	176.88
21	178.49	178.58	178.82	178.92	---	177.93	178.16	178.04	177.78	177.72	177.36	176.94
22	178.45	178.53	178.79	178.79	---	178.18	178.05	178.04	177.82	177.54	177.24	176.77
23	178.54	178.67	178.80	178.60	---	178.35	178.04	178.06	177.78	177.44	177.14	176.95
24	178.43	178.90	178.64	178.61	---	178.40	178.16	178.09	177.71	177.41	177.10	177.02
25	178.42	178.92	178.66	178.88	178.54	178.54	178.21	178.59	177.73	177.40	177.07	177.21
26	178.41	178.70	178.77	178.89	178.45	178.48	178.17	178.24	177.68	177.43	177.05	177.16
27	178.35	178.70	178.56	178.54	178.27	178.26	178.09	178.24	177.60	177.40	177.17	177.08
28	178.66	178.75	178.80	178.44	178.28	178.13	178.21	178.25	177.63	177.37	177.25	177.01
29	178.69	178.62	178.59	178.63	---	178.11	178.17	178.16	177.64	177.34	177.18	---
30	178.66	178.35	178.68	178.62	---	178.10	177.89	178.05	177.56	177.36	177.09	---
31	178.53	---	178.99	178.65	---	178.07	---	177.89	---	177.37	177.19	---
MEAN	178.43	178.66	178.79	178.76	---	178.28	178.08	178.12	177.86	177.53	177.27	---
MAX	178.69	178.99	178.99	179.32	---	178.60	178.34	178.92	179.08	177.77	177.51	---
MIN	178.30	178.34	178.55	178.44	---	177.83	177.78	177.68	177.55	177.34	177.05	---



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 above land-surface datum.

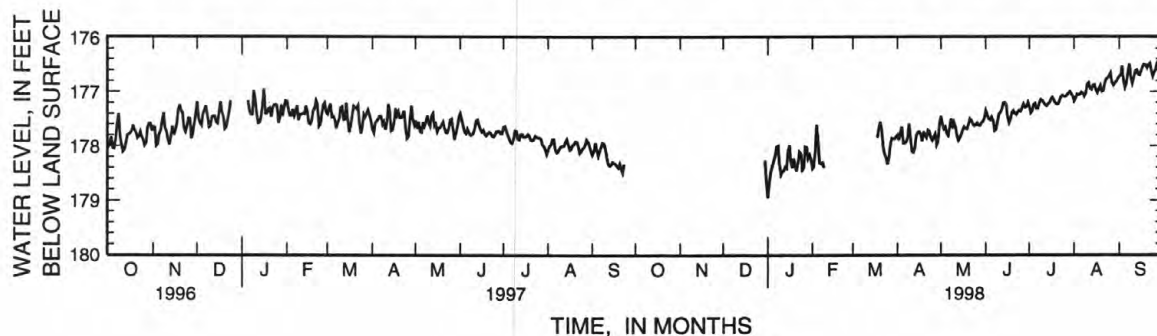
PERIOD OF RECORD.--May 1989 to May 1991, May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 176.43 ft below land-surface datum, Sept. 28 1998; lowest, 181.16 ft below land-surface datum, Feb. 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	178.95	178.41	---	177.80	177.45	177.35	177.27	177.17	176.72
2	---	---	---	178.70	178.38	---	177.89	177.59	177.43	177.39	177.12	176.70
3	---	---	---	178.48	178.07	---	177.75	177.69	177.50	177.35	177.05	176.53
4	---	---	---	178.36	177.61	---	177.65	177.65	177.52	177.24	177.06	176.81
5	---	---	---	178.28	177.93	---	177.95	177.77	177.47	177.22	177.05	176.92
6	---	---	---	178.18	178.31	---	177.95	177.81	177.53	177.31	177.01	176.84
7	---	---	---	178.02	178.33	---	177.93	177.66	177.72	177.31	177.03	176.63
8	---	---	---	178.00	178.31	---	177.84	177.50	177.70	177.21	177.08	176.49
9	---	---	---	178.32	178.40	---	177.59	177.68	177.56	177.15	177.02	176.76
10	---	---	---	178.52	---	---	177.86	177.57	177.41	177.16	176.86	176.85
11	---	---	---	178.47	---	---	178.10	177.65	177.38	177.20	176.84	176.74
12	---	---	---	178.45	---	---	178.12	177.81	177.33	177.24	176.94	176.62
13	---	---	---	178.39	---	---	178.04	177.90	177.21	177.26	176.96	176.60
14	---	---	---	178.41	---	---	177.80	177.86	177.20	177.23	176.88	176.68
15	---	---	---	178.10	---	---	177.75	177.79	177.24	177.20	176.87	176.69
16	---	---	---	177.99	---	---	177.74	177.71	177.46	177.14	176.97	176.62
17	---	---	---	178.31	---	---	177.79	177.65	177.57	177.11	177.02	176.54
18	---	---	---	178.40	---	177.85	177.91	177.68	177.51	177.16	176.94	176.50
19	---	---	---	178.23	---	177.66	177.74	177.69	177.38	177.21	176.89	176.51
20	---	---	---	178.39	---	177.55	177.81	177.60	177.35	177.23	177.00	176.56
21	---	---	---	178.46	---	177.70	177.85	177.50	177.40	177.23	176.99	176.51
22	---	---	---	178.29	---	177.98	177.71	177.53	177.42	177.16	176.85	176.48
23	---	---	---	178.11	---	178.15	177.73	177.59	177.37	177.09	176.77	176.61
24	---	---	---	178.14	---	178.21	177.85	177.63	177.34	177.07	176.75	176.72
25	---	---	---	178.44	---	178.34	177.90	177.61	177.36	177.09	176.71	176.65
26	---	---	---	178.40	---	178.23	177.83	177.58	177.29	177.09	176.66	176.58
27	---	---	---	178.02	---	177.99	177.78	177.62	177.23	177.06	176.83	176.48
28	---	---	---	178.03	---	177.86	177.98	177.62	177.29	177.03	176.88	176.43
29	---	---	---	178.23	---	177.87	177.92	177.57	177.28	177.00	176.84	---
30	---	---	178.27	178.16	---	177.87	177.60	177.55	177.20	177.04	176.81	---
31	---	---	178.65	178.24	---	177.83	---	177.48	---	177.08	176.76	---
MEAN	---	---	---	178.31	---	---	177.84	177.64	177.40	177.18	176.92	---
MAX	---	---	---	178.95	---	---	178.12	177.90	177.72	177.39	177.17	---
MIN	---	---	---	177.99	---	---	177.59	177.45	177.20	177.00	176.66	---



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 above land-surface datum.

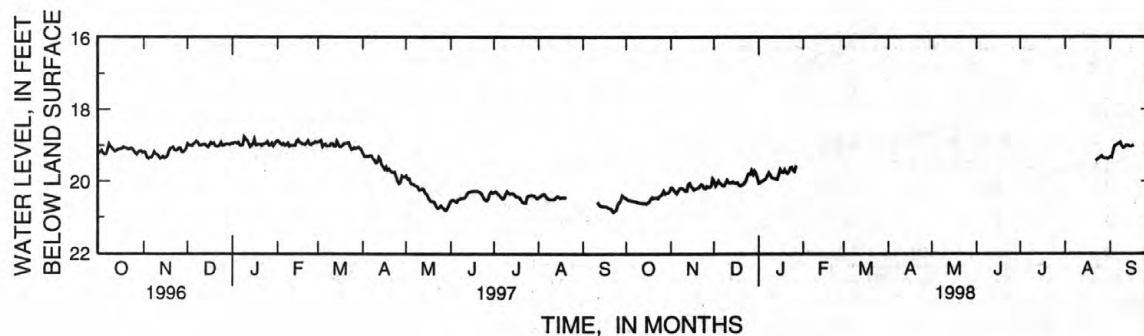
PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 17.89 ft below land-surface datum, Mar. 19, 1996; lowest, 24.12 ft below land-surface datum, Oct. 7, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.48	20.18	19.99	20.05	---	---	---	---	---	---	---	19.33
2	20.53	20.18	20.12	20.03	---	---	---	---	---	---	---	19.34
3	20.53	20.25	20.07	20.00	---	---	---	---	---	---	---	19.16
4	20.54	20.30	19.99	19.98	---	---	---	---	---	---	---	19.02
5	20.55	20.34	20.04	19.96	---	---	---	---	---	---	---	19.00
6	20.56	20.28	20.08	19.92	---	---	---	---	---	---	---	18.97
7	20.56	20.21	20.12	19.84	---	---	---	---	---	---	---	18.95
8	20.57	20.19	20.12	19.77	---	---	---	---	---	---	---	18.92
9	20.59	20.20	20.05	19.82	---	---	---	---	---	---	---	19.03
10	20.60	20.23	19.97	19.90	---	---	---	---	---	---	---	19.08
11	20.60	20.27	20.02	19.91	---	---	---	---	---	---	---	19.05
12	20.61	20.27	20.04	19.93	---	---	---	---	---	---	---	19.01
13	20.62	20.09	20.03	19.93	---	---	---	---	---	---	---	19.00
14	20.61	20.06	20.01	19.94	---	---	---	---	---	---	---	19.03
15	20.63	20.14	20.05	19.80	---	---	---	---	---	---	---	19.04
16	20.60	20.18	20.05	19.68	---	---	---	---	---	---	---	19.03
17	20.57	20.24	20.03	19.75	---	---	---	---	---	---	---	19.01
18	20.50	20.22	20.09	19.76	---	---	---	---	---	---	---	---
19	20.45	20.20	20.13	19.68	---	---	---	---	---	---	---	---
20	20.48	20.19	20.10	19.75	---	---	---	---	---	---	---	---
21	20.46	20.14	20.10	19.78	---	---	---	---	---	---	---	---
22	20.45	20.09	20.04	19.74	---	---	---	---	---	---	19.43	---
23	20.48	20.11	20.00	19.62	---	---	---	---	---	---	19.40	---
24	20.42	20.19	19.85	19.61	---	---	---	---	---	---	19.37	---
25	20.40	20.21	19.79	19.70	---	---	---	---	---	---	19.34	---
26	20.35	20.14	19.81	19.73	---	---	---	---	---	---	19.30	---
27	20.27	20.17	19.70	19.57	---	---	---	---	---	---	19.35	---
28	20.35	20.17	19.80	---	---	---	---	---	---	---	19.37	---
29	20.33	20.12	19.71	---	---	---	---	---	---	---	19.36	---
30	20.33	19.93	19.77	---	---	---	---	---	---	---	19.38	---
31	20.29	---	19.90	---	---	---	---	---	---	---	19.37	---
MEAN	20.49	20.18	19.99	---	---	---	---	---	---	---	---	---
MAX	20.63	20.34	20.13	---	---	---	---	---	---	---	---	---
MIN	20.27	19.93	19.70	---	---	---	---	---	---	---	---	---



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 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 above land-surface datum.

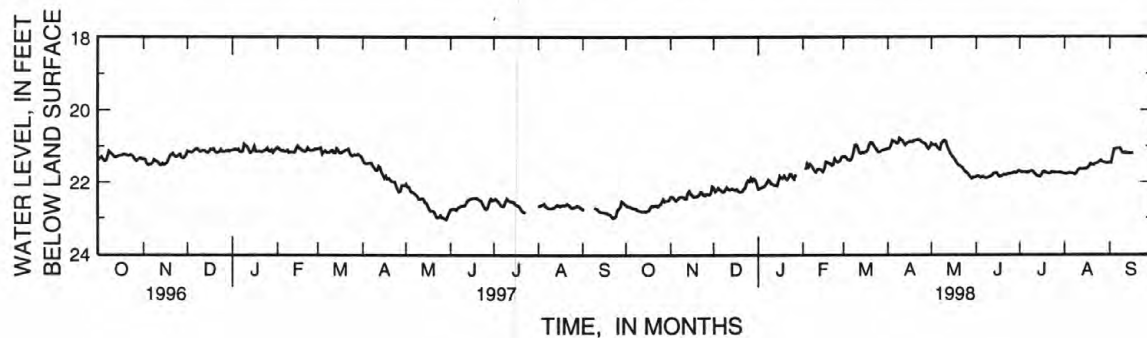
PERIOD OF RECORD.--May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 20.02 ft below land-surface datum, Mar. 19, 1996; lowest, 23.04 ft below land-surface datum, May 29, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.64	22.41	22.16	22.19	---	21.30	21.07	20.93	21.84	21.69	21.77	21.46
2	22.68	22.40	22.26	22.18	---	21.29	21.07	20.96	21.83	21.73	21.78	21.47
3	22.68	22.44	22.23	22.16	21.65	21.32	20.99	20.97	21.84	21.73	21.76	21.31
4	22.69	22.49	22.16	22.14	21.50	21.38	20.85	20.96	21.88	21.72	21.75	21.10
5	22.72	22.52	22.20	22.12	21.58	21.39	20.88	21.03	21.85	21.73	21.76	21.09
6	22.73	22.48	22.23	22.08	21.51	21.39	20.88	21.08	21.85	21.74	21.76	21.07
7	22.73	22.42	22.27	22.02	21.54	21.34	20.93	21.10	21.89	21.73	21.77	21.07
8	22.74	22.41	22.28	21.94	21.62	21.17	20.93	20.92	21.89	21.71	21.79	21.06
9	22.78	22.41	22.22	21.97	21.69	20.98	20.79	20.88	21.88	21.69	21.76	21.14
10	22.80	22.42	22.15	22.04	21.72	20.97	20.82	20.85	21.85	21.70	21.69	21.20
11	22.80	22.46	22.19	22.06	21.65	21.04	20.84	20.88	21.84	21.75	21.65	21.21
12	22.82	22.46	22.21	22.08	21.64	21.18	20.92	21.02	21.81	21.79	21.64	21.18
13	22.82	22.30	22.19	22.09	21.65	21.21	20.97	21.12	21.76	21.83	21.65	21.20
14	22.81	22.25	22.18	22.10	21.67	21.18	20.92	21.20	21.75	21.84	21.64	21.21
15	22.82	22.32	22.21	21.97	21.71	21.19	20.90	21.27	21.75	21.85	21.63	21.21
16	22.80	22.36	22.22	21.84	21.62	21.17	20.88	21.32	21.80	21.80	21.64	21.21
17	22.79	22.41	22.20	21.89	21.44	21.15	20.88	21.37	21.85	21.73	21.61	21.20
18	22.71	22.41	22.24	21.90	21.45	21.10	20.89	21.43	21.84	21.71	21.56	---
19	22.66	22.39	22.28	21.83	21.48	20.96	20.85	21.50	21.82	21.74	21.50	---
20	22.67	22.39	22.27	21.89	21.48	20.90	20.83	21.54	21.79	21.75	21.53	---
21	22.66	22.34	22.26	21.93	21.54	20.91	20.83	21.56	21.80	21.77	21.53	---
22	22.65	22.27	22.19	21.89	21.52	20.98	20.82	21.59	21.79	21.76	21.50	---
23	22.68	22.30	22.16	21.78	21.36	21.05	20.83	21.64	21.77	21.73	21.48	---
24	22.64	22.36	22.01	21.78	21.42	21.10	20.87	21.70	21.77	21.73	21.47	---
25	22.62	22.38	21.95	21.87	21.45	21.17	20.91	21.73	21.77	21.74	21.44	---
26	22.55	22.33	21.98	21.91	21.44	21.17	20.92	21.76	21.75	21.74	21.41	---
27	22.48	22.34	21.89	21.79	21.39	21.14	20.94	21.81	21.74	21.74	21.44	---
28	22.54	22.35	21.96	---	21.31	21.12	21.04	21.86	21.75	21.74	21.46	---
29	22.52	22.30	21.91	---	---	21.11	21.08	21.90	21.74	21.74	21.47	---
30	22.52	22.12	21.94	---	---	21.10	21.02	21.86	21.69	21.75	21.48	---
31	22.50	---	22.05	---	---	21.09	---	21.87	---	21.76	21.47	---
MEAN	22.69	22.37	22.15	---	---	21.15	20.91	21.34	21.81	21.75	21.61	---
MAX	22.82	22.52	22.28	---	---	21.39	21.08	21.90	21.89	21.85	21.79	---
MIN	22.48	22.12	21.89	---	---	20.90	20.79	20.85	21.69	21.69	21.41	---



WELL NUMBER.-- 333233081290802. Local number, AK-846.

LOCATION.--Lat 33°32'32", long 81°29'08", Hydrologic Unit 03050204, Aiken State Park, approximately 0.4 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.

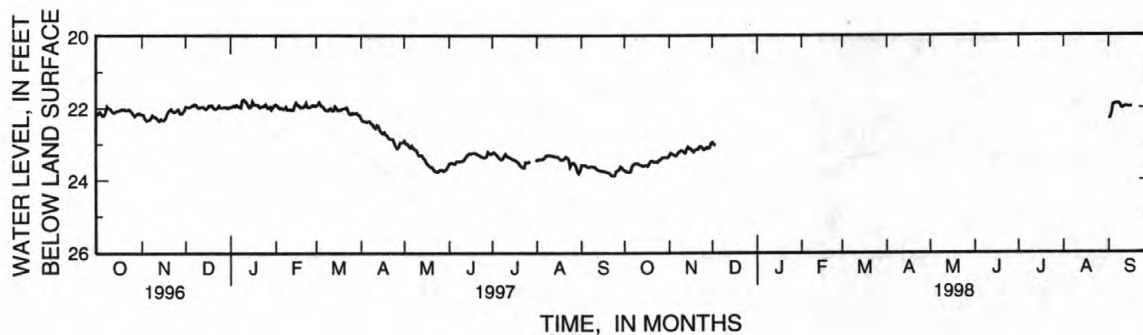
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 20.79 ft below land-surface datum, Mar. 19, 1996; lowest, 23.88 ft below land-surface datum, Sept. 23, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.73	23.31	22.95	---	---	---	---	---	---	---	---	22.28
2	23.76	23.25	23.01	---	---	---	---	---	---	---	---	22.29
3	23.77	23.27	23.03	---	---	---	---	---	---	---	---	22.17
4	23.78	23.28	---	---	---	---	---	---	---	---	---	21.92
5	23.77	23.32	---	---	---	---	---	---	---	---	---	21.91
6	23.63	23.31	---	---	---	---	---	---	---	---	---	21.88
7	23.57	23.24	---	---	---	---	---	---	---	---	---	21.89
8	23.54	23.21	---	---	---	---	---	---	---	---	---	21.88
9	23.53	23.18	---	---	---	---	---	---	---	---	---	21.94
10	23.53	23.18	---	---	---	---	---	---	---	---	---	22.00
11	23.56	23.21	---	---	---	---	---	---	---	---	---	22.00
12	23.58	23.24	---	---	---	---	---	---	---	---	---	21.97
13	23.59	23.16	---	---	---	---	---	---	---	---	---	21.96
14	23.61	23.08	---	---	---	---	---	---	---	---	---	21.97
15	23.59	23.11	---	---	---	---	---	---	---	---	---	21.98
16	23.59	23.13	---	---	---	---	---	---	---	---	---	21.98
17	23.61	23.18	---	---	---	---	---	---	---	---	---	21.97
18	23.54	23.21	---	---	---	---	---	---	---	---	---	---
19	23.47	23.16	---	---	---	---	---	---	---	---	---	---
20	23.46	23.15	---	---	---	---	---	---	---	---	---	---
21	23.48	23.14	---	---	---	---	---	---	---	---	---	---
22	23.50	23.07	---	---	---	---	---	---	---	---	---	---
23	23.48	23.06	---	---	---	---	---	---	---	---	---	---
24	23.50	23.11	---	---	---	---	---	---	---	---	---	---
25	23.44	23.15	---	---	---	---	---	---	---	---	---	---
26	23.43	23.13	---	---	---	---	---	---	---	---	---	---
27	23.37	23.09	---	---	---	---	---	---	---	---	---	---
28	23.37	23.11	---	---	---	---	---	---	---	---	---	---
29	23.36	23.10	---	---	---	---	---	---	---	---	---	---
30	23.36	22.98	---	---	---	---	---	---	---	---	---	22.01
31	23.37	---	---	---	---	---	---	---	---	---	---	---
MEAN	23.54	23.17	---	---	---	---	---	---	---	---	---	---
MAX	23.78	23.32	---	---	---	---	---	---	---	---	---	---
MIN	23.36	22.98	---	---	---	---	---	---	---	---	---	---



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 above land-surface datum.

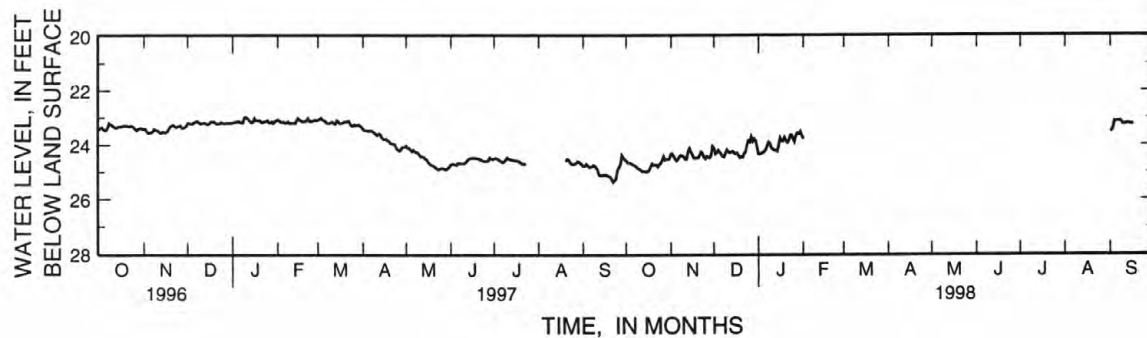
PERIOD OF RECORD.--May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.12 ft below land-surface datum, Mar. 19, 1996; lowest, 25.36 ft below land-surface datum, Sept. 22, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.57	24.34	24.12	24.34	23.77	---	---	---	---	---	---	23.51
2	24.66	24.32	24.33	24.35	---	---	---	---	---	---	---	23.51
3	24.65	24.42	24.29	24.32	---	---	---	---	---	---	---	23.41
4	24.67	24.50	24.20	24.29	---	---	---	---	---	---	---	23.16
5	24.70	24.58	24.27	24.26	---	---	---	---	---	---	---	23.15
6	24.74	24.53	24.34	24.18	---	---	---	---	---	---	---	23.14
7	24.76	24.43	24.42	24.06	---	---	---	---	---	---	---	23.15
8	24.79	24.38	24.44	23.91	---	---	---	---	---	---	---	23.13
9	24.84	24.40	24.31	23.95	---	---	---	---	---	---	---	23.19
10	24.89	24.44	24.19	24.12	---	---	---	---	---	---	---	23.26
11	24.91	24.52	24.25	24.15	---	---	---	---	---	---	---	23.26
12	24.96	24.53	24.29	24.21	---	---	---	---	---	---	---	23.22
13	24.98	24.23	24.27	24.21	---	---	---	---	---	---	---	23.22
14	24.97	24.13	24.24	24.24	---	---	---	---	---	---	---	23.23
15	24.99	24.27	24.30	24.01	---	---	---	---	---	---	---	23.25
16	24.96	24.35	24.33	23.76	---	---	---	---	---	---	---	23.24
17	24.94	24.48	24.30	23.86	---	---	---	---	---	---	---	23.24
18	24.80	24.49	24.38	23.87	---	---	---	---	---	---	---	---
19	24.70	24.47	24.47	23.73	---	---	---	---	---	---	---	---
20	24.75	24.48	24.44	23.84	---	---	---	---	---	---	---	---
21	24.74	24.39	24.45	23.92	---	---	---	---	---	---	---	---
22	24.73	24.27	24.32	23.86	---	---	---	---	---	---	---	---
23	24.80	24.31	24.26	23.65	---	---	---	---	---	---	---	---
24	24.72	24.45	23.99	23.64	---	---	---	---	---	---	---	---
25	24.68	24.51	23.85	23.79	---	---	---	---	---	---	---	---
26	24.57	24.42	23.90	23.88	---	---	---	---	---	---	---	---
27	24.43	24.46	23.71	23.64	---	---	---	---	---	---	---	---
28	24.55	24.47	23.87	23.57	---	---	---	---	---	---	---	---
29	24.52	24.39	23.78	23.60	---	---	---	---	---	---	---	---
30	24.53	24.06	23.85	23.52	---	---	---	---	---	---	---	23.22
31	24.51	---	24.07	23.66	---	---	---	---	---	---	---	---
MEAN	24.74	24.40	24.20	23.95	---	---	---	---	---	---	---	---
MAX	24.99	24.58	24.47	24.35	---	---	---	---	---	---	---	---
MIN	24.43	24.06	23.71	23.52	---	---	---	---	---	---	---	---



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 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.

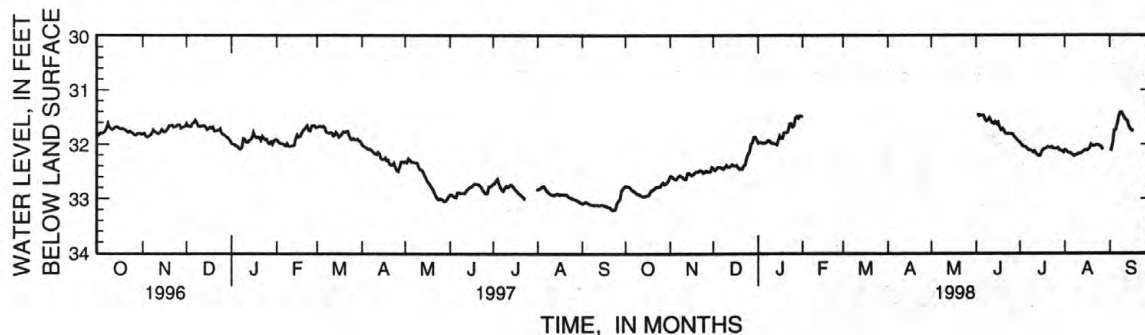
PERIOD OF RECORD.--May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 30.87 ft below land-surface datum, Mar. 2, 1994; lowest, 42.25 ft below land-surface datum, June 26, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.77	32.59	32.45	31.98	31.49	---	---	---	---	31.97	32.11	32.09
2	32.78	32.59	32.48	31.97	---	---	---	---	31.44	32.00	32.13	32.10
3	32.78	32.62	32.46	31.97	---	---	---	---	31.48	32.04	32.15	31.96
4	32.80	32.64	32.42	31.98	---	---	---	---	31.46	32.05	32.16	31.75
5	32.83	32.65	32.42	31.98	---	---	---	---	31.47	32.05	32.16	31.74
6	32.85	32.62	32.43	31.98	---	---	---	---	31.47	32.08	32.19	31.64
7	32.87	32.59	32.45	31.96	---	---	---	---	31.54	32.11	32.22	31.50
8	32.89	32.58	32.46	31.93	---	---	---	---	31.58	32.11	32.20	31.42
9	32.91	32.60	32.42	31.95	---	---	---	---	31.56	32.12	32.20	31.41
10	32.92	32.62	32.39	31.98	---	---	---	---	31.52	32.15	32.18	31.46
11	32.93	32.64	32.42	31.98	---	---	---	---	31.57	32.13	32.17	31.52
12	32.95	32.64	32.42	31.99	---	---	---	---	31.61	32.17	32.17	31.55
13	32.96	32.54	32.40	31.99	---	---	---	---	31.62	32.20	32.15	31.57
14	32.96	32.53	32.38	32.01	---	---	---	---	31.59	32.22	32.13	31.67
15	32.96	32.56	32.40	31.93	---	---	---	---	31.63	32.21	32.11	31.72
16	32.94	32.57	32.40	31.85	---	---	---	---	31.60	32.14	32.12	31.75
17	32.94	32.56	32.39	31.90	---	---	---	---	31.69	32.10	32.10	31.76
18	32.89	32.53	32.43	31.90	---	---	---	---	31.74	32.08	32.07	---
19	32.85	32.51	32.46	31.79	---	---	---	---	31.71	32.08	32.00	---
20	32.84	32.51	32.45	31.78	---	---	---	---	31.75	32.05	32.03	---
21	32.82	32.50	32.46	31.79	---	---	---	---	31.80	32.06	32.03	---
22	32.79	32.48	32.40	31.75	---	---	---	---	31.81	32.07	32.02	---
23	32.79	32.50	32.38	31.63	---	---	---	---	31.80	32.05	32.01	---
24	32.78	32.53	32.25	31.62	---	---	---	---	31.81	32.08	32.02	---
25	32.78	32.52	32.18	31.68	---	---	---	---	31.81	32.08	32.03	---
26	32.74	32.49	32.14	31.66	---	---	---	---	31.82	32.08	32.05	---
27	32.71	32.51	32.00	31.52	---	---	---	---	31.86	32.07	32.10	---
28	32.74	32.51	31.97	31.49	---	---	---	---	31.89	32.10	---	---
29	32.73	32.50	31.87	31.52	---	---	---	---	31.92	32.12	---	---
30	32.70	32.43	31.87	31.48	---	---	---	---	31.95	32.12	---	31.86
31	32.66	---	31.92	31.49	---	---	---	---	---	32.15	---	---
MEAN	32.83	32.56	32.32	31.82	---	---	---	---	---	32.10	---	---
MAX	32.96	32.65	32.48	32.01	---	---	---	---	---	32.22	---	---
MIN	32.66	32.43	31.87	31.48	---	---	---	---	---	31.97	---	---



AIKEN COUNTY

495

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.

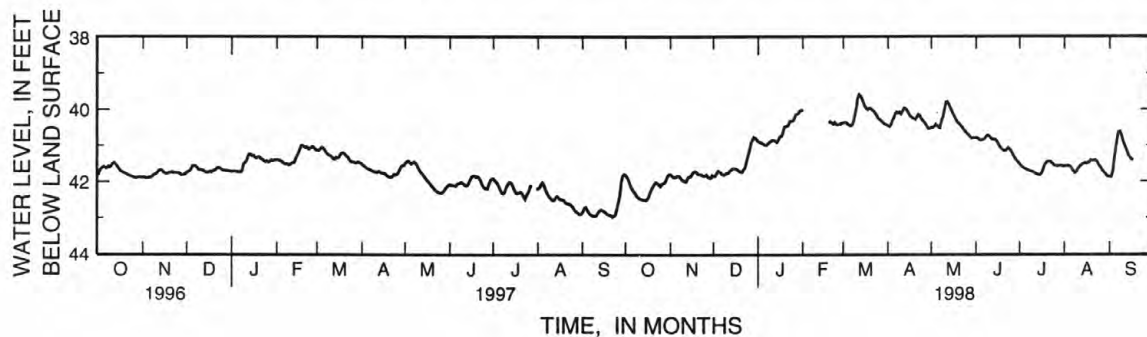
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 39.59 ft below land-surface datum, Mar. 12, 1998; lowest, 42.97 ft below land-surface datum, Sept. 22, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.82	41.80	41.85	40.90	40.04	40.38	40.46	40.50	40.79	41.53	41.58	41.87
2	41.88	41.84	41.85	40.91	---	40.36	40.48	40.51	40.81	41.58	41.58	41.88
3	41.96	41.88	41.78	40.93	---	40.37	40.43	40.48	40.84	41.62	41.57	41.77
4	42.07	41.89	41.71	40.96	---	40.41	40.31	40.42	40.87	41.64	41.58	41.43
5	42.17	41.87	41.73	40.98	---	40.44	40.25	40.46	40.86	41.66	41.60	41.16
6	42.24	41.84	41.76	40.99	---	40.46	40.12	40.50	40.85	41.68	41.66	40.86
7	42.29	41.85	41.80	40.99	---	40.45	40.08	40.52	40.81	41.70	41.73	40.65
8	42.35	41.90	41.82	40.95	---	40.34	40.11	40.31	40.75	41.71	41.77	40.63
9	42.41	41.95	41.80	40.91	---	40.16	40.08	40.21	40.73	41.73	41.74	40.73
10	42.45	41.97	41.77	40.88	---	39.97	40.13	40.02	40.76	41.74	41.67	40.87
11	42.47	42.00	41.77	40.86	---	39.68	40.07	39.80	40.80	41.76	41.62	40.99
12	42.49	42.00	41.72	40.87	---	39.59	39.97	39.79	40.84	41.79	41.57	41.09
13	42.50	41.90	41.68	40.88	---	39.63	39.98	39.86	40.84	41.81	41.54	41.19
14	42.50	41.87	41.65	40.91	---	39.72	40.02	39.95	40.84	41.82	41.51	41.29
15	42.51	41.86	41.65	40.85	---	39.82	40.09	40.04	40.88	41.83	41.50	41.35
16	42.48	41.80	41.65	40.77	---	39.92	40.16	40.13	40.96	41.78	41.51	41.40
17	42.42	41.74	41.66	40.75	---	39.98	40.21	40.21	41.03	41.70	41.49	41.42
18	42.30	41.72	41.69	40.67	---	40.01	40.24	40.29	41.08	41.57	41.47	---
19	42.19	41.74	41.72	40.50	40.37	39.97	40.26	40.36	41.12	41.51	41.42	---
20	42.13	41.79	41.73	40.47	40.34	39.98	40.28	40.40	41.15	41.46	41.43	---
21	42.06	41.81	41.74	40.47	40.38	40.02	40.21	40.45	41.15	41.45	41.43	---
22	42.02	41.80	41.67	40.43	40.41	40.05	40.15	40.49	41.12	41.45	41.42	---
23	42.05	41.83	41.61	40.33	40.36	40.10	40.18	40.55	41.08	41.48	41.44	---
24	42.08	41.85	41.44	40.33	40.42	40.17	40.25	40.61	41.11	41.52	41.51	---
25	42.12	41.84	41.29	40.32	40.43	40.24	40.31	40.65	41.17	41.57	41.58	---
26	42.07	41.82	41.14	40.26	40.42	40.28	40.36	40.69	41.24	41.57	41.63	---
27	42.04	41.87	40.95	40.15	40.42	40.31	40.41	40.73	41.31	41.58	41.70	---
28	42.03	41.90	40.86	40.13	40.38	40.35	40.48	40.78	41.38	41.56	41.75	---
29	41.95	41.91	40.78	40.11	---	40.39	40.54	40.81	41.44	41.56	41.79	---
30	41.85	41.83	40.80	40.04	---	40.42	40.54	40.79	41.47	41.57	41.85	41.57
31	41.81	---	40.84	40.02	---	40.43	---	40.80	---	41.59	41.87	---
MEAN	42.18	41.86	41.55	40.63	---	40.14	40.24	40.39	41.00	41.63	41.60	---
MAX	42.51	42.00	41.85	40.99	---	40.46	40.54	40.81	41.47	41.83	41.87	---
MIN	41.81	41.72	40.78	40.02	---	39.59	39.97	39.79	40.73	41.45	41.42	---



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.--Paleozoic Mica Gneiss/Precambrian Mica Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8.25 in, depth 398 ft, cased to 75 ft, open hole from 75 to 398 ft.

INSTRUMENTATION.--Data collection platform--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.

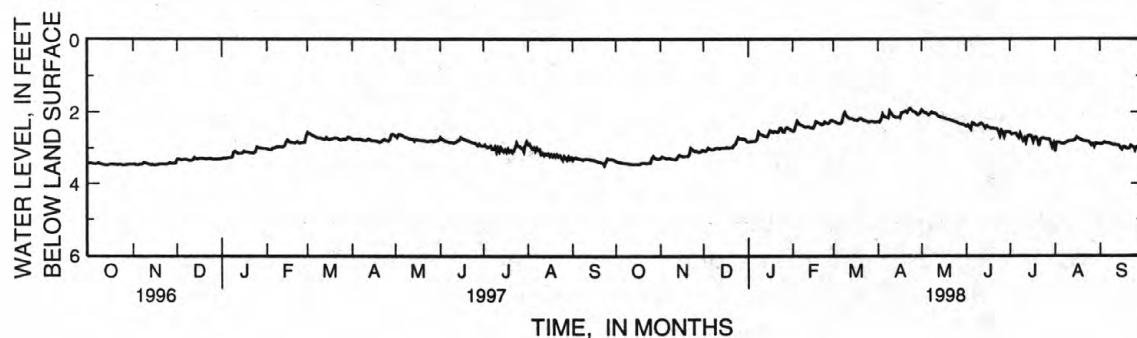
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 1.90 ft below land-surface datum, Apr. 23, 1998; lowest, 4.35 ft below land-surface datum, June 13, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.37	3.29	3.08	2.83	2.53	2.25	2.26	1.94	2.40	2.56	3.10	2.89
2	3.39	3.24	3.09	2.82	2.52	2.26	2.28	1.98	2.36	2.62	2.84	2.89
3	3.40	3.26	3.07	2.82	2.36	2.29	2.20	2.02	2.42	2.61	2.84	2.87
4	3.41	3.28	3.00	2.82	2.25	2.31	2.06	2.02	2.48	2.59	2.85	2.84
5	3.42	3.30	3.03	2.81	2.31	2.31	2.12	2.06	2.30	2.59	2.87	2.86
6	3.42	3.29	3.04	2.81	2.35	2.32	2.14	2.08	2.31	2.66	2.88	2.86
7	3.43	3.29	3.05	2.76	2.36	2.28	2.15	2.05	2.36	2.72	2.88	2.86
8	3.43	3.30	3.04	2.56	2.39	2.08	2.16	2.00	2.38	2.60	2.86	2.88
9	3.44	3.31	3.02	2.61	2.41	2.01	1.97	2.04	2.38	2.71	2.84	2.90
10	3.45	3.32	3.00	2.63	2.42	2.10	2.03	2.03	2.34	2.80	2.81	2.92
11	3.45	3.33	3.01	2.64	2.40	2.14	2.09	2.05	2.31	2.73	2.81	2.91
12	3.46	3.32	3.02	2.67	2.41	2.17	2.12	2.09	2.34	2.84	2.80	2.92
13	3.46	3.25	3.01	2.68	2.43	2.18	2.15	2.12	2.39	2.68	2.80	2.93
14	3.46	3.20	3.00	2.69	2.44	2.18	2.14	2.14	2.45	2.65	2.79	2.94
15	3.46	3.22	3.01	2.61	2.45	2.21	2.14	2.15	2.39	2.65	2.76	3.01
16	3.46	3.23	3.00	2.52	2.38	2.22	2.16	2.16	2.42	2.71	2.70	3.05
17	3.46	3.24	2.99	2.54	2.26	2.23	2.02	2.17	2.44	2.82	2.73	2.97
18	3.45	3.23	3.00	2.57	2.28	2.22	2.01	2.19	2.46	2.70	2.75	2.97
19	3.42	3.23	3.00	2.54	2.31	2.18	1.99	2.20	2.45	2.70	2.77	3.02
20	3.42	3.23	2.99	2.55	2.32	2.17	1.97	2.21	2.47	2.80	2.80	3.03
21	3.42	3.18	2.99	2.57	2.35	2.19	2.01	2.22	2.47	2.95	2.81	3.02
22	3.43	3.01	2.92	2.55	2.34	2.23	1.94	2.24	2.47	2.75	2.81	2.94
23	3.43	3.04	2.90	2.45	2.27	2.24	1.90	2.25	2.54	2.73	2.82	2.96
24	3.42	3.08	2.79	2.45	2.30	2.25	1.93	2.27	2.66	2.73	2.82	2.99
25	3.42	3.10	2.71	2.55	2.32	2.27	1.98	2.28	2.51	2.74	2.86	3.07
26	3.29	3.09	2.74	2.56	2.31	2.27	1.99	2.30	2.56	2.75	2.93	2.98
27	3.23	3.12	2.73	2.46	2.24	2.26	2.02	2.32	2.68	2.75	2.89	2.98
28	3.28	3.12	2.76	2.43	2.23	2.26	2.07	2.33	2.55	2.75	2.97	2.97
29	3.30	3.11	2.74	2.47	---	2.27	2.07	2.34	2.55	2.86	2.87	2.97
30	3.31	3.06	2.78	2.48	---	2.27	2.02	2.35	2.55	2.98	2.88	2.97
31	3.32	---	2.82	2.51	---	2.28	---	2.38	---	2.88	2.88	---
MEAN	3.40	3.21	2.95	2.61	2.36	2.22	2.07	2.16	2.45	2.73	2.84	2.95
MAX	3.46	3.33	3.09	2.83	2.53	2.32	2.28	2.38	2.68	2.98	3.10	3.07
MIN	3.23	3.01	2.71	2.43	2.23	2.01	1.90	1.94	2.30	2.56	2.70	2.84



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.

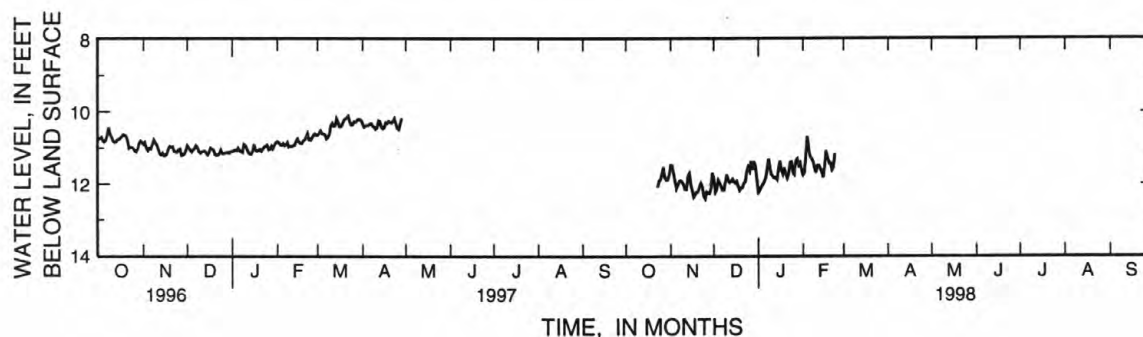
PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	11.48	11.85	12.24	11.75	---	---	---	---	---	---	---
2	---	11.49	12.23	12.19	11.69	---	---	---	---	---	---	---
3	---	11.71	12.16	12.09	11.19	---	---	---	---	---	---	---
4	---	11.91	11.90	12.03	10.69	---	---	---	---	---	---	---
5	---	12.13	11.96	11.95	11.03	---	---	---	---	---	---	---
6	---	12.04	12.07	11.84	11.24	---	---	---	---	---	---	---
7	---	11.92	12.18	11.65	11.30	---	---	---	---	---	---	---
8	---	11.91	12.18	11.31	11.39	---	---	---	---	---	---	---
9	---	11.95	11.96	11.51	11.57	---	---	---	---	---	---	---
10	---	12.02	11.75	11.75	11.69	---	---	---	---	---	---	---
11	---	12.16	11.90	11.78	11.48	---	---	---	---	---	---	---
12	---	12.16	11.96	11.84	11.48	---	---	---	---	---	---	---
13	---	11.78	11.93	11.83	11.57	---	---	---	---	---	---	---
14	---	11.71	11.87	11.88	11.68	---	---	---	---	---	---	---
15	---	12.01	11.95	11.57	11.82	---	---	---	---	---	---	---
16	---	12.18	11.98	11.37	11.51	---	---	---	---	---	---	---
17	---	12.37	11.93	11.62	11.09	---	---	---	---	---	---	---
18	---	12.31	12.06	11.73	11.26	---	---	---	---	---	---	---
19	---	12.23	12.18	11.55	11.43	---	---	---	---	---	---	---
20	---	12.22	12.12	11.71	11.42	---	---	---	---	---	---	---
21	---	12.08	12.11	11.84	11.61	---	---	---	---	---	---	---
22	---	11.99	11.99	11.74	11.55	---	---	---	---	---	---	---
23	12.09	12.09	11.94	11.41	11.17	---	---	---	---	---	---	---
24	11.92	12.34	11.65	11.39	---	---	---	---	---	---	---	---
25	11.87	12.41	11.53	11.69	---	---	---	---	---	---	---	---
26	11.72	12.23	11.64	11.74	---	---	---	---	---	---	---	---
27	11.53	12.27	11.38	11.36	---	---	---	---	---	---	---	---
28	11.82	12.28	11.61	11.31	---	---	---	---	---	---	---	---
29	11.89	12.14	11.38	11.48	---	---	---	---	---	---	---	---
30	11.88	11.70	11.51	11.42	---	---	---	---	---	---	---	---
31	11.75	---	11.85	11.61	---	---	---	---	---	---	---	---
MEAN	---	12.04	11.89	11.69	---	---	---	---	---	---	---	---
MAX	---	12.41	12.23	12.24	---	---	---	---	---	---	---	---
MIN	---	11.48	11.38	11.31	---	---	---	---	---	---	---	---



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.--Tertiary System.

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 170 ft, screened interval 155-165.

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.

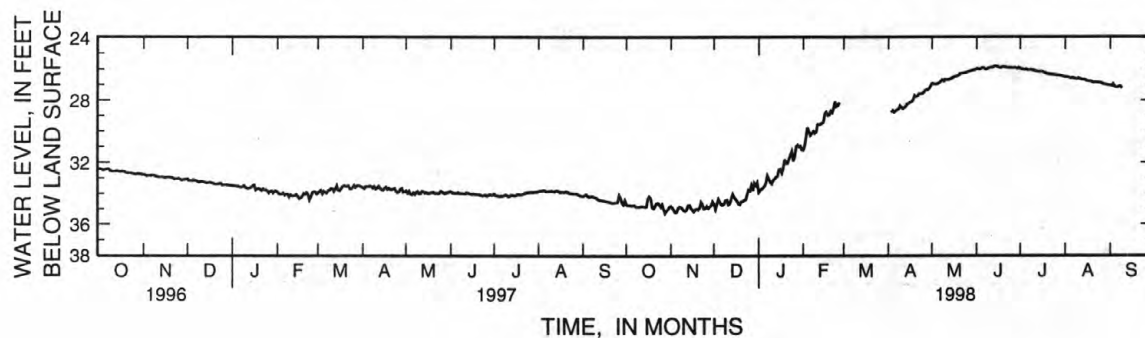
PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.72	34.83	34.68	33.91	31.20	---	---	26.93	25.96	25.98	26.51	27.04
2	34.77	34.92	35.00	33.80	30.97	---	---	26.94	25.98	26.00	26.50	27.07
3	34.75	35.08	34.69	33.72	30.36	---	28.78	26.97	26.00	26.03	26.52	26.97
4	34.79	35.22	34.37	33.62	29.76	---	28.67	26.96	25.96	26.03	26.56	27.15
5	34.79	35.21	34.53	33.52	30.02	---	28.77	26.95	25.92	26.00	26.57	27.17
6	34.76	34.98	34.71	33.30	30.26	---	28.68	26.89	25.94	26.05	26.56	27.16
7	34.79	34.87	34.74	32.86	30.13	---	28.63	26.79	26.00	26.06	26.60	27.12
8	34.88	34.88	34.67	33.05	30.01	---	28.55	26.70	25.98	26.04	26.62	27.11
9	34.88	34.99	34.44	33.26	30.12	---	28.37	26.78	25.95	26.04	26.62	27.24
10	34.88	35.10	34.41	33.36	30.03	---	28.48	26.66	25.91	26.06	26.59	---
11	34.84	35.13	34.72	33.15	29.55	---	28.54	26.68	25.89	26.12	26.62	---
12	34.83	35.05	34.65	33.07	29.55	---	28.47	26.69	25.88	26.13	26.67	---
13	34.85	34.77	34.30	32.93	29.56	---	28.39	26.68	25.82	26.17	26.67	---
14	34.88	34.75	34.06	32.89	29.46	---	28.24	26.63	25.81	26.18	26.68	---
15	34.86	34.95	34.27	32.46	29.44	---	28.19	26.57	25.83	26.17	26.71	---
16	34.32	35.05	34.35	32.42	28.85	---	28.13	26.51	25.88	26.17	26.76	---
17	34.21	35.16	34.49	32.66	28.77	---	28.10	26.46	25.92	26.20	26.79	---
18	34.30	35.05	34.67	32.39	28.98	---	27.99	26.46	25.90	26.24	26.79	---
19	34.90	35.00	34.70	31.82	28.95	---	27.70	26.43	25.86	26.29	26.80	---
20	34.96	35.05	34.53	32.06	28.70	---	27.77	26.35	25.86	26.31	26.86	---
21	34.82	34.91	34.52	32.06	28.80	---	27.73	26.28	25.89	26.33	26.86	---
22	34.64	34.57	34.43	31.80	28.54	---	27.60	26.27	25.90	26.34	26.85	---
23	34.62	34.72	34.40	31.52	28.09	---	27.58	26.25	25.90	26.35	26.86	---
24	34.71	34.99	34.04	31.30	28.41	---	27.58	26.23	25.91	26.37	26.88	---
25	34.87	34.96	33.77	31.90	28.35	---	27.53	26.22	25.92	26.38	26.88	---
26	34.73	34.83	33.82	31.65	28.15	---	27.41	26.16	25.93	26.40	26.89	---
27	35.04	34.95	33.48	31.01	---	---	27.32	26.14	25.91	26.40	26.98	---
28	35.27	34.88	33.81	30.89	---	---	27.34	26.12	25.93	26.42	26.98	---
29	35.11	34.78	33.33	31.00	---	---	27.26	26.08	25.96	26.44	27.00	---
30	35.03	34.53	33.47	30.96	---	---	27.10	26.07	25.91	26.47	27.02	---
31	34.88	---	33.29	31.19	---	---	---	26.03	---	26.48	27.03	---
MEAN	34.80	34.94	34.30	32.44	---	---	---	26.51	25.91	26.21	26.75	---
MAX	35.27	35.22	35.00	33.91	---	---	---	26.97	26.00	26.48	27.03	---
MIN	34.21	34.53	33.29	30.89	---	---	---	26.03	25.81	25.98	26.50	---



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, 0.96 ft above land-surface datum.

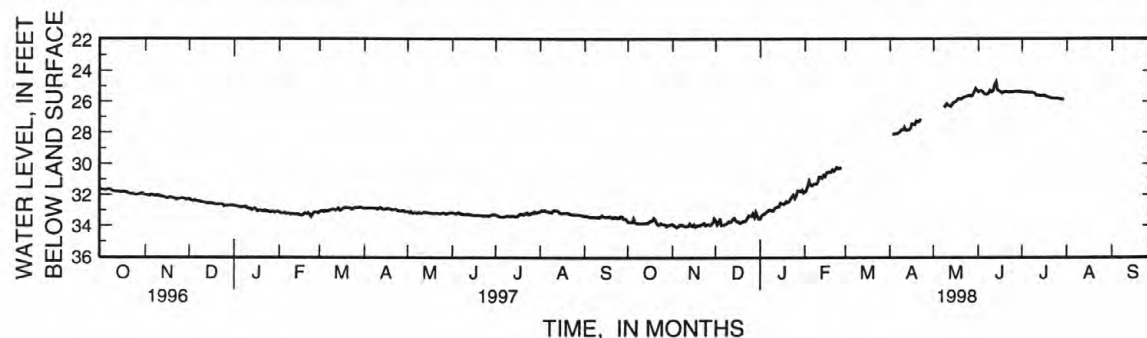
PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.75	33.89	33.65	33.55	31.82	---	---	---	25.33	25.39	---	---
2	33.77	33.97	33.92	33.36	31.70	---	---	---	25.27	25.39	---	---
3	33.76	34.04	33.82	33.27	31.41	---	28.15	---	25.29	25.39	---	---
4	33.78	34.10	33.52	33.21	31.11	---	28.07	---	25.38	25.39	---	---
5	33.54	34.05	33.96	33.14	31.38	---	28.06	---	25.49	25.39	---	---
6	33.78	33.95	33.95	33.08	31.41	---	28.07	---	25.50	25.41	---	---
7	33.82	33.93	33.94	32.98	31.30	---	28.00	---	25.53	25.41	---	---
8	33.85	33.96	33.88	32.96	31.29	---	27.92	26.27	25.42	25.41	---	---
9	33.85	34.02	33.83	33.02	31.28	---	27.80	26.32	25.26	25.42	---	---
10	33.84	34.03	33.72	33.03	31.14	---	27.80	26.16	25.36	25.47	---	---
11	33.83	34.05	33.77	32.87	30.84	---	27.66	26.22	25.29	25.58	---	---
12	33.85	34.02	33.71	32.82	30.83	---	27.85	26.29	24.90	25.57	---	---
13	33.85	33.86	33.53	32.76	30.91	---	27.82	26.30	24.72	25.60	---	---
14	33.81	33.97	33.50	32.76	30.72	---	27.83	26.16	25.21	25.61	---	---
15	33.83	34.03	33.66	32.53	30.81	---	27.73	26.05	25.30	25.60	---	---
16	33.72	33.92	33.72	32.54	30.58	---	27.43	26.02	25.35	25.57	---	---
17	33.66	34.06	33.73	32.61	30.54	---	27.45	25.93	25.44	25.62	---	---
18	33.67	33.98	33.84	32.56	30.55	---	27.49	25.81	25.39	25.65	---	---
19	33.50	33.99	33.80	32.42	30.52	---	27.24	25.80	25.36	25.69	---	---
20	33.58	33.98	33.70	32.48	30.39	---	27.30	25.85	25.35	25.73	---	---
21	33.82	33.92	33.70	32.43	30.48	---	27.29	25.76	25.36	25.75	---	---
22	33.94	33.88	33.70	32.27	30.39	---	27.13	25.72	25.37	25.78	---	---
23	33.93	33.82	33.54	32.12	30.24	---	---	25.68	25.36	25.78	---	---
24	33.83	33.97	33.34	32.00	30.32	---	---	25.65	25.36	25.78	---	---
25	33.91	33.92	33.36	32.22	30.31	---	---	25.61	25.36	25.78	---	---
26	33.90	33.89	33.38	32.08	30.24	---	---	25.58	25.34	25.80	---	---
27	33.92	33.96	33.20	31.73	---	---	---	25.65	25.32	25.82	---	---
28	34.04	33.91	33.44	31.75	---	---	---	25.56	25.33	25.83	---	---
29	33.96	33.81	33.13	31.80	---	---	---	25.38	25.33	25.83	---	---
30	33.96	33.53	33.37	31.68	---	---	---	25.16	25.32	25.85	---	---
31	33.91	---	33.55	31.87	---	---	---	25.27	---	---	---	---
MEAN	33.81	33.95	33.64	32.58	---	---	---	---	25.32	---	---	---
MAX	34.04	34.10	33.96	33.55	---	---	---	---	25.53	---	---	---
MIN	33.50	33.53	33.13	31.68	---	---	---	---	24.72	---	---	---



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 293 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.

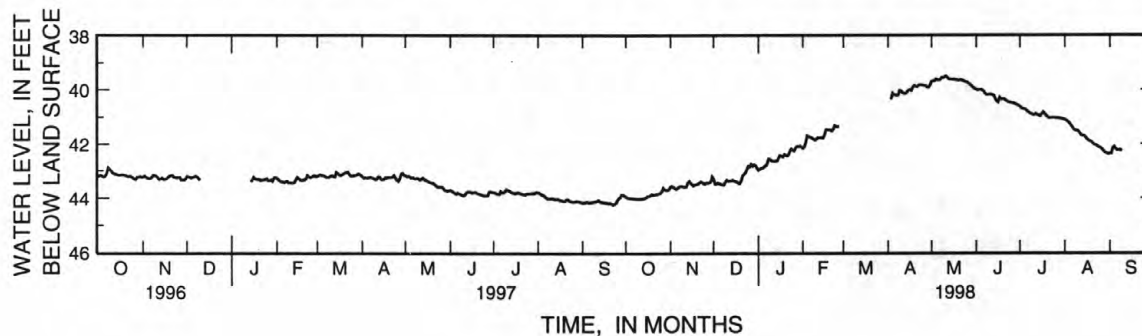
PERIOD OF RECORD.--February 1989 to September 1990, April 1993 to current year.

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, July 17, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.95	43.58	43.30	42.97	42.15	---	---	39.69	40.00	40.62	41.10	42.35
2	43.99	43.56	43.48	42.94	42.11	---	---	39.67	40.02	40.68	41.14	42.36
3	44.00	43.60	43.48	42.91	41.94	---	40.35	39.67	40.00	40.70	41.18	42.16
4	44.00	43.64	43.44	42.89	41.69	---	40.13	39.61	39.99	40.71	41.23	42.11
5	44.01	43.67	43.47	42.85	41.71	---	40.18	39.63	40.01	40.73	41.30	42.18
6	44.01	43.64	43.49	42.81	41.74	---	40.19	39.64	40.06	40.79	41.38	42.24
7	44.02	43.58	43.52	42.76	41.76	---	40.21	39.62	40.14	40.84	41.46	42.23
8	44.03	43.56	43.52	42.56	41.80	---	40.19	39.55	40.19	40.87	41.50	42.22
9	44.03	43.56	43.42	42.56	41.84	---	40.03	39.56	40.19	40.89	41.50	42.27
10	44.04	43.58	43.35	42.62	41.84	---	40.05	39.53	40.17	40.92	41.52	---
11	44.03	43.59	43.37	42.64	41.77	---	40.11	39.50	40.17	40.92	41.59	---
12	44.02	43.58	43.37	42.64	41.76	---	40.15	39.55	40.20	40.89	41.66	---
13	44.02	43.43	43.37	42.63	41.76	---	40.15	39.60	40.21	40.93	41.70	---
14	44.00	43.38	43.35	42.63	41.76	---	40.08	39.61	40.33	40.95	41.69	---
15	43.98	43.45	43.37	42.51	41.77	---	40.02	39.62	40.43	40.97	41.74	---
16	43.94	43.49	43.39	42.42	41.67	---	40.00	39.62	40.46	40.89	41.81	---
17	43.93	43.54	43.40	42.45	41.47	---	40.03	39.61	40.30	40.83	41.86	---
18	43.91	43.51	43.44	42.47	41.46	---	39.91	39.63	40.35	40.88	41.90	---
19	43.86	43.49	43.46	42.39	41.48	---	39.85	39.64	40.35	40.95	41.92	---
20	43.88	43.49	43.38	42.41	41.47	---	39.88	39.65	40.34	41.00	41.96	---
21	43.89	43.44	43.20	42.44	41.51	---	39.89	39.63	40.39	41.04	42.02	---
22	43.85	43.40	43.13	42.40	41.46	---	39.84	39.64	40.43	41.04	42.04	---
23	43.86	43.42	43.08	42.24	41.32	---	39.82	39.67	40.45	41.03	42.06	---
24	43.83	43.47	42.94	42.18	41.35	---	39.83	39.70	40.47	41.02	42.11	---
25	43.82	43.48	42.83	42.24	41.36	---	39.84	39.72	40.49	41.03	42.14	---
26	43.75	43.43	42.86	42.25	41.34	---	39.85	39.73	40.49	41.05	42.16	---
27	43.63	43.44	42.76	42.13	---	---	39.85	39.78	40.50	41.04	42.22	---
28	43.69	43.43	42.82	42.08	---	---	39.91	39.83	40.53	41.05	42.29	---
29	43.71	43.39	42.77	42.10	---	---	39.91	39.88	40.56	41.05	42.33	---
30	43.71	43.22	42.80	42.07	---	---	39.82	39.93	40.58	41.08	42.36	---
31	43.68	---	42.89	42.11	---	---	---	39.97	---	41.09	42.38	---
MEAN	43.91	43.50	43.24	42.49	---	---	---	39.67	40.29	40.92	41.78	---
MAX	44.04	43.67	43.52	42.97	---	---	---	39.97	40.58	41.09	42.38	---
MIN	43.63	43.22	42.76	42.07	---	---	---	39.50	39.99	40.62	41.10	---



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.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 565 ft, 4 in 543 to 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.

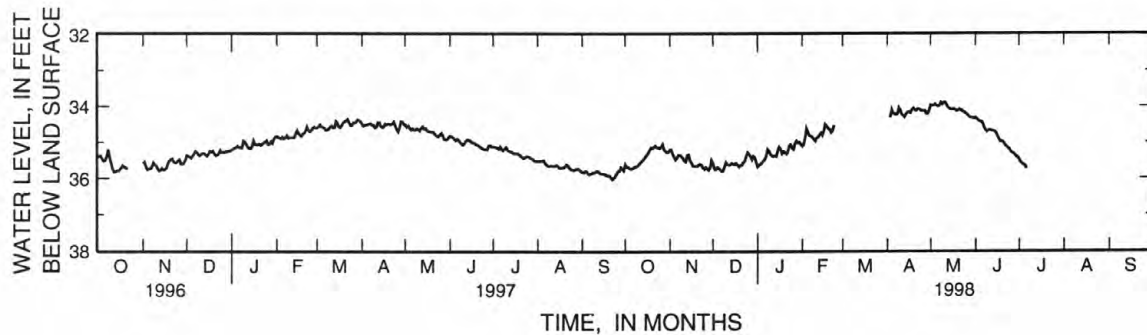
PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to June 1994, October 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.48 ft below land-surface datum, Mar. 26, 1994; lowest, 36.94 ft below land-surface datum, Oct. 8, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.62	35.21	35.59	35.68	35.11	---	---	33.97	34.32	35.49	---	---
2	35.69	35.21	35.76	35.65	35.07	---	---	33.98	34.36	35.57	---	---
3	35.69	35.33	35.76	35.61	34.89	---	34.31	33.99	34.41	35.61	---	---
4	35.72	35.41	35.70	35.58	34.63	---	34.10	33.94	34.44	35.63	---	---
5	35.74	35.48	35.73	35.53	34.73	---	34.19	33.98	34.44	35.66	---	---
6	35.73	35.44	35.76	35.48	34.82	---	34.22	34.01	34.49	35.74	---	---
7	35.70	35.36	35.80	35.40	34.83	---	34.24	33.99	34.61	---	---	---
8	35.68	35.36	35.79	35.21	34.87	---	34.21	33.90	34.68	---	---	---
9	35.67	35.39	35.68	35.25	34.92	---	34.05	33.95	34.72	---	---	---
10	35.64	35.44	35.57	35.34	34.97	---	34.12	33.90	34.67	---	---	---
11	35.59	35.52	35.62	35.38	34.89	---	34.23	33.89	34.67	---	---	---
12	35.55	35.54	35.64	35.40	34.87	---	34.28	33.97	34.69	---	---	---
13	35.51	35.37	35.62	35.38	34.80	---	34.30	34.04	34.69	---	---	---
14	35.46	35.35	35.59	35.39	34.75	---	34.22	34.08	34.71	---	---	---
15	35.41	35.51	35.61	35.24	34.81	---	34.17	34.09	34.74	---	---	---
16	35.35	35.57	35.62	35.14	34.70	---	34.17	34.09	34.83	---	---	---
17	35.30	35.66	35.59	35.20	34.51	---	34.18	34.08	34.92	---	---	---
18	35.22	35.66	35.63	35.32	34.56	---	34.10	34.10	34.98	---	---	---
19	35.15	35.66	35.68	35.26	34.63	---	34.06	34.13	34.98	---	---	---
20	35.17	35.67	35.65	35.29	34.65	---	34.10	34.12	35.00	---	---	---
21	35.13	35.63	35.64	35.33	34.73	---	34.12	34.09	35.07	---	---	---
22	35.10	35.61	35.56	35.28	34.70	---	34.08	34.11	35.13	---	---	---
23	35.15	35.64	35.53	35.10	34.54	---	34.08	34.14	35.16	---	---	---
24	35.14	35.71	35.38	35.07	---	---	34.11	34.17	35.20	---	---	---
25	35.17	35.75	35.29	35.17	---	---	34.13	34.19	35.26	---	---	---
26	35.13	35.70	35.34	35.20	---	---	34.13	34.22	35.30	---	---	---
27	35.06	35.74	35.39	35.03	---	---	34.13	34.26	35.32	---	---	---
28	35.20	35.77	35.48	34.97	---	---	34.21	34.31	35.36	---	---	---
29	35.25	35.70	35.39	35.02	---	---	34.21	34.32	35.41	---	---	---
30	35.28	35.51	35.42	35.00	---	---	34.10	34.33	35.43	---	---	---
31	35.27	---	35.54	35.06	---	---	---	34.34	---	---	---	---
MEAN	35.40	35.53	35.59	35.29	---	---	---	34.09	34.87	---	---	---
MAX	35.74	35.77	35.80	35.68	---	---	---	34.34	35.43	---	---	---
MIN	35.06	35.21	35.29	34.97	---	---	---	33.89	34.32	---	---	---



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.--Lower Black Creek Formation.

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.

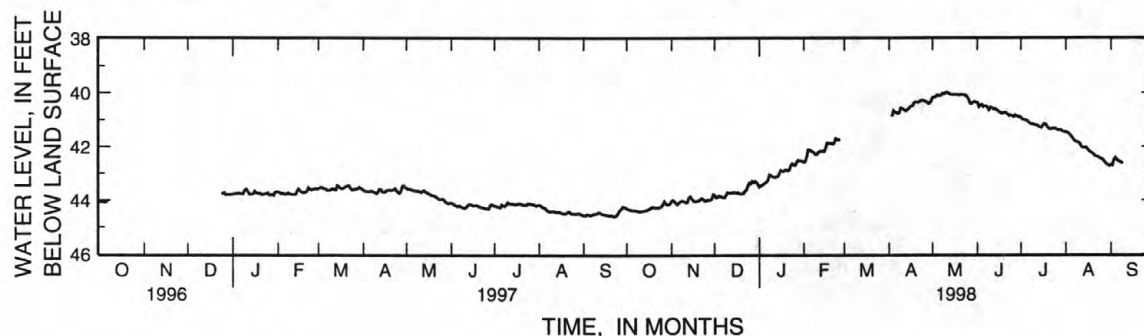
PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.31	44.03	43.82	43.51	42.58	---	---	40.18	40.36	40.92	41.46	42.68
2	44.35	44.00	43.91	43.47	42.56	---	---	40.16	40.52	40.98	41.48	42.71
3	44.35	44.05	43.90	43.43	42.37	---	40.87	40.16	40.46	41.01	41.52	42.51
4	44.37	44.11	43.84	43.40	42.11	---	40.67	40.08	40.44	41.01	41.57	42.42
5	44.38	44.15	43.86	43.36	42.12	---	40.71	40.09	40.52	41.03	41.64	42.49
6	44.38	44.11	43.88	43.32	42.16	---	40.74	40.11	40.49	41.08	41.71	42.56
7	44.38	44.06	43.90	43.25	42.19	---	40.77	40.09	40.49	41.13	41.78	42.56
8	44.39	44.03	43.90	43.05	42.23	---	40.74	40.02	40.55	41.16	41.82	42.60
9	44.41	44.04	43.80	43.07	42.28	---	40.56	40.04	40.63	41.16	41.83	42.63
10	44.42	44.05	43.72	43.12	42.28	---	40.58	40.00	40.54	41.18	41.85	---
11	44.41	44.09	43.74	43.13	42.21	---	40.62	39.98	40.55	41.20	41.93	---
12	44.40	44.08	43.73	43.14	42.18	---	40.66	40.02	40.60	41.20	42.02	---
13	44.39	43.92	43.73	43.12	42.17	---	40.67	40.05	40.59	41.25	42.04	---
14	44.38	43.87	43.71	43.11	42.16	---	40.60	40.07	40.63	41.28	42.04	---
15	44.37	43.94	43.72	42.99	42.18	---	40.55	40.07	40.66	41.29	42.04	---
16	44.33	44.00	43.74	42.89	42.07	---	40.50	40.07	40.71	41.21	42.10	---
17	44.32	44.05	43.71	42.92	41.87	---	40.49	40.06	40.74	41.15	42.17	---
18	44.28	44.05	43.75	42.93	41.86	---	40.39	40.07	40.77	41.18	42.21	---
19	44.24	44.03	43.77	42.87	41.88	---	40.34	40.09	40.74	41.26	42.25	---
20	44.27	44.02	43.76	42.88	41.87	---	40.35	40.07	40.73	41.32	42.29	---
21	44.28	43.98	43.75	42.90	41.90	---	40.36	40.06	40.76	41.36	42.35	---
22	44.27	43.94	43.67	42.86	41.86	---	40.32	40.08	40.81	41.35	42.37	---
23	44.28	43.96	43.62	42.69	41.70	---	40.29	40.08	40.85	41.32	42.38	---
24	44.25	44.02	43.47	42.64	41.74	---	40.27	40.10	40.83	41.33	42.42	---
25	44.23	44.03	43.36	42.69	41.75	---	40.30	40.15	40.86	41.34	42.45	---
26	44.16	43.99	43.39	42.71	41.74	---	40.32	40.26	40.89	41.38	42.47	---
27	44.05	44.00	43.30	42.58	---	---	40.34	40.39	40.83	41.39	42.53	---
28	44.12	43.99	43.35	42.51	---	---	40.40	40.40	40.86	41.38	42.60	---
29	44.16	43.95	43.30	42.54	---	---	40.39	40.35	40.89	41.40	42.66	---
30	44.16	43.79	43.34	42.52	---	---	40.31	40.33	40.89	41.44	42.69	---
31	44.13	---	43.41	42.56	---	---	---	40.37	---	41.45	42.72	---
MEAN	44.30	44.01	43.67	42.97	---	---	---	40.13	40.67	41.23	42.11	---
MAX	44.42	44.15	43.91	43.51	---	---	---	40.40	40.89	41.45	42.72	---
MIN	44.05	43.79	43.30	42.51	---	---	---	39.98	40.36	40.92	41.46	---



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.

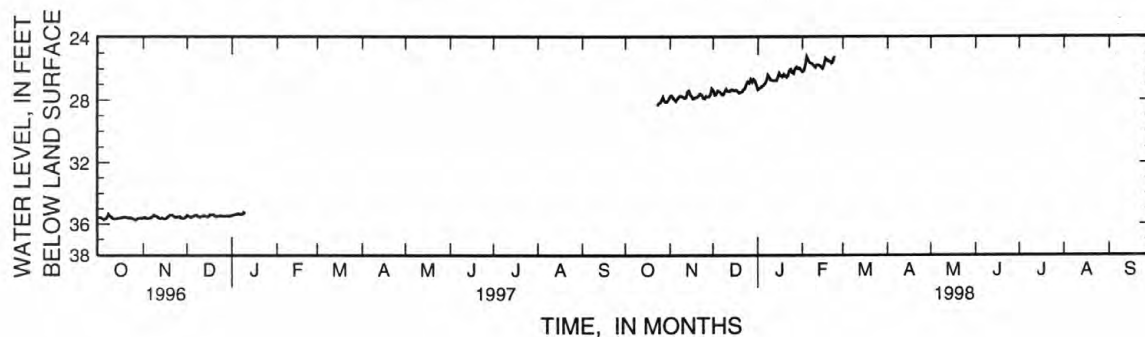
PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 25.22 ft below land-surface datum, Feb. 23, 1998; lowest, 37.31 ft below land-surface datum, Oct. 8, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	27.76	27.37	27.33	26.19	---	---	---	---	---	---	---
2	---	27.71	27.67	27.29	26.14	---	---	---	---	---	---	---
3	---	27.85	27.63	27.20	25.74	---	---	---	---	---	---	---
4	---	27.97	27.41	27.14	25.24	---	---	---	---	---	---	---
5	---	28.07	27.43	27.07	25.44	---	---	---	---	---	---	---
6	---	27.95	27.53	26.96	25.61	---	---	---	---	---	---	---
7	---	27.79	27.63	26.80	25.66	---	---	---	---	---	---	---
8	---	27.74	27.66	26.42	25.71	---	---	---	---	---	---	---
9	---	27.76	27.46	26.54	25.84	---	---	---	---	---	---	---
10	---	27.79	27.31	26.73	25.92	---	---	---	---	---	---	---
11	---	27.87	27.43	26.75	25.75	---	---	---	---	---	---	---
12	---	27.85	27.46	26.78	25.75	---	---	---	---	---	---	---
13	---	27.49	27.38	26.75	25.82	---	---	---	---	---	---	---
14	---	27.41	27.32	26.78	25.89	---	---	---	---	---	---	---
15	---	27.64	27.38	26.51	25.99	---	---	---	---	---	---	---
16	---	27.77	27.40	26.30	25.74	---	---	---	---	---	---	---
17	---	27.92	27.36	26.46	25.34	---	---	---	---	---	---	---
18	---	27.88	27.46	26.53	25.42	---	---	---	---	---	---	---
19	---	27.82	27.55	26.36	25.53	---	---	---	---	---	---	---
20	---	27.81	27.50	26.45	25.53	---	---	---	---	---	---	---
21	---	27.70	27.48	26.54	25.66	---	---	---	---	---	---	---
22	---	27.61	27.34	26.44	25.58	---	---	---	---	---	---	---
23	28.35	27.67	27.27	26.10	25.22	---	---	---	---	---	---	---
24	28.23	27.86	26.98	26.04	---	---	---	---	---	---	---	---
25	28.18	27.91	26.82	26.27	---	---	---	---	---	---	---	---
26	28.03	27.76	26.91	26.31	---	---	---	---	---	---	---	---
27	27.82	27.78	26.69	25.98	---	---	---	---	---	---	---	---
28	28.06	27.78	26.85	25.89	---	---	---	---	---	---	---	---
29	28.12	27.67	26.69	26.01	---	---	---	---	---	---	---	---
30	28.10	27.27	26.78	25.96	---	---	---	---	---	---	---	---
31	27.97	---	27.03	26.09	---	---	---	---	---	---	---	---
MEAN	---	27.76	27.30	26.54	---	---	---	---	---	---	---	---
MAX	---	28.07	27.67	27.33	---	---	---	---	---	---	---	---
MIN	---	27.27	26.69	25.89	---	---	---	---	---	---	---	---



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.--Lower Black Creek 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.

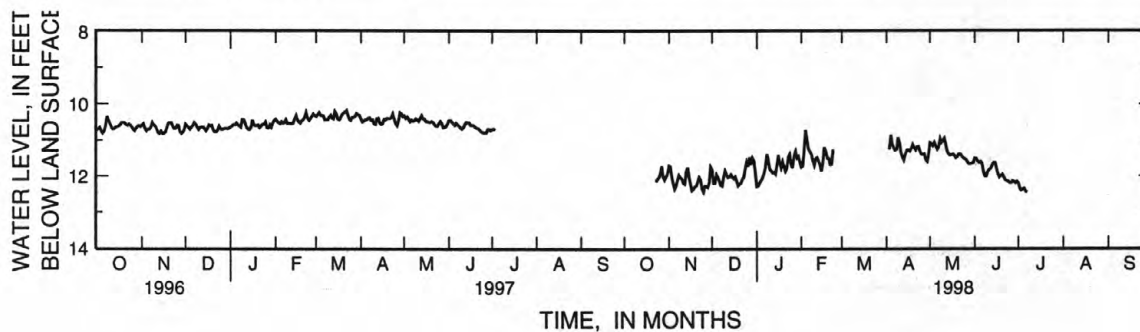
DATUM.--Land-surface datum is 210.04 ft above sea level. Measuring point: Opening in casing, 1.47 ft above land-surface datum.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	11.71	11.83	12.29	11.75	---	---	11.07	11.51	12.20	---	---
2	---	11.73	12.20	12.28	11.72	---	---	11.10	11.52	12.35	---	---
3	---	12.02	12.19	12.19	11.28	---	11.25	11.16	11.59	12.40	---	---
4	---	12.20	11.96	12.12	10.72	---	10.86	11.06	11.62	12.36	---	---
5	---	12.35	12.02	12.05	10.99	---	11.11	11.16	11.60	12.34	---	---
6	---	12.27	12.14	11.93	11.24	---	11.22	11.25	11.66	12.44	---	---
7	---	12.10	12.25	11.76	11.31	---	11.28	11.20	11.88	12.45	---	---
8	---	11.98	12.27	11.40	11.39	---	11.26	10.97	12.01	---	---	---
9	---	12.04	12.04	11.55	11.56	---	10.93	11.06	12.01	---	---	---
10	---	12.08	11.86	11.81	11.69	---	11.07	11.00	11.88	---	---	---
11	---	12.20	11.95	11.85	11.52	---	11.33	10.95	11.81	---	---	---
12	---	12.22	12.03	11.91	11.48	---	11.48	11.14	11.79	---	---	---
13	---	11.87	12.01	11.90	11.58	---	11.55	11.31	11.69	---	---	---
14	---	11.76	11.96	11.94	11.69	---	11.40	11.40	11.64	---	---	---
15	---	12.03	12.03	11.68	11.86	---	11.28	11.42	11.63	---	---	---
16	---	12.21	12.07	11.42	11.62	---	11.27	11.41	11.79	---	---	---
17	---	12.40	12.02	11.65	11.20	---	11.30	11.39	11.95	---	---	---
18	---	12.36	12.13	11.77	11.31	---	11.24	11.43	12.03	---	---	---
19	---	12.29	12.26	11.60	11.50	---	11.13	11.49	11.99	---	---	---
20	---	12.28	12.22	11.73	11.50	---	11.20	11.46	11.96	---	---	---
21	---	12.15	12.19	11.86	11.68	---	11.27	11.39	12.04	---	---	---
22	---	12.04	12.09	11.79	11.67	---	11.19	11.39	12.12	---	---	---
23	12.15	12.11	12.03	11.46	11.27	---	11.18	11.44	12.14	---	---	---
24	12.09	12.35	11.77	11.40	---	---	11.30	11.49	12.15	---	---	---
25	12.04	12.44	11.60	11.68	---	---	11.39	11.52	12.20	---	---	---
26	11.95	12.28	11.72	11.77	---	---	11.40	11.54	12.19	---	---	---
27	11.72	12.29	11.48	11.44	---	---	11.38	11.61	12.14	---	---	---
28	12.01	12.31	11.68	11.32	---	---	11.56	11.66	12.17	---	---	---
29	12.10	12.18	11.50	11.50	---	---	11.60	11.66	12.20	---	---	---
30	12.01	11.75	11.58	11.45	---	---	11.39	11.65	12.16	---	---	---
31	11.94	---	11.88	11.61	---	---	---	11.62	---	---	---	---
MEAN	---	12.13	11.97	11.75	---	---	---	11.34	11.90	---	---	---
MAX	---	12.44	12.27	12.29	---	---	---	11.66	12.20	---	---	---
MIN	---	11.71	11.48	11.32	---	---	---	10.95	11.51	---	---	---



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 ft, depth 847 ft, cased to 847 ft, screened interval 832-842 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.45 ft above land-surface datum.

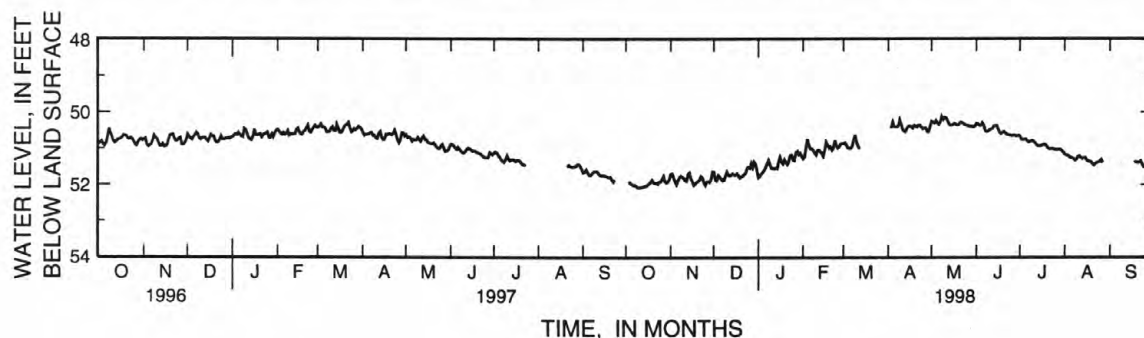
PERIOD OF RECORD.--February 1989 to June 1991, May 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	51.70	51.65	51.80	51.28	50.86	---	50.25	50.31	50.66	51.17	---
2	---	51.69	51.87	51.77	51.25	50.84	---	50.28	50.32	50.75	51.19	---
3	51.92	51.81	51.89	51.70	50.98	50.90	50.44	50.30	50.36	50.76	51.19	---
4	51.96	51.91	51.74	51.66	50.74	50.98	50.27	50.23	50.36	50.74	51.23	---
5	51.99	51.99	51.78	51.60	50.90	50.99	50.39	50.30	50.30	50.74	51.26	---
6	52.02	51.90	51.84	51.52	51.00	50.99	50.41	50.33	50.36	50.79	51.26	---
7	52.01	51.80	51.89	51.42	51.01	50.94	50.41	50.28	50.50	50.82	51.29	---
8	52.04	51.76	51.88	51.33	51.05	50.76	50.37	50.12	50.54	50.81	51.33	---
9	52.08	51.79	51.76	51.44	51.13	50.63	50.21	50.20	50.53	50.78	51.30	---
10	52.09	51.82	51.65	51.54	51.18	50.82	50.33	50.14	50.48	50.79	51.23	---
11	52.07	51.89	51.73	51.54	51.05	50.92	50.47	50.15	50.47	50.83	51.21	---
12	52.07	51.90	51.75	51.56	51.04	51.00	50.53	50.23	50.45	50.87	51.26	---
13	52.06	51.70	51.73	51.54	51.09	---	50.54	50.32	50.38	50.92	51.28	---
14	52.03	51.67	51.69	51.55	51.14	---	50.44	50.35	50.37	50.93	51.26	---
15	52.04	51.83	51.73	51.36	51.21	---	50.39	50.35	50.37	50.93	51.26	---
16	52.00	51.91	51.73	51.24	51.04	---	50.38	50.33	50.47	50.91	51.32	---
17	51.97	52.01	51.69	51.37	50.82	---	50.40	50.31	50.56	50.89	51.36	---
18	51.93	51.98	51.75	51.42	50.90	---	50.44	50.34	50.59	50.88	51.36	51.38
19	51.88	51.93	51.81	51.31	50.98	---	50.36	50.35	50.55	50.92	51.37	51.37
20	51.94	51.91	51.78	51.38	50.95	---	50.39	50.33	50.54	50.97	51.43	51.40
21	51.96	51.86	51.76	51.44	51.04	---	50.41	50.28	50.58	51.01	51.46	51.38
22	51.95	51.77	51.71	51.37	50.99	---	50.35	50.29	50.62	51.01	51.42	51.35
23	51.98	51.81	51.68	51.19	50.78	---	50.35	50.31	50.62	51.00	51.39	51.42
24	51.92	51.94	51.54	51.18	50.91	---	50.41	50.34	50.63	51.01	51.38	51.51
25	51.92	52.01	51.51	51.32	50.98	---	50.46	50.35	50.65	51.03	51.36	51.52
26	51.85	51.92	51.54	51.33	50.96	---	50.44	50.36	50.65	51.04	51.31	51.51
27	51.77	51.91	51.41	51.11	50.87	---	50.43	50.39	50.63	51.03	51.39	51.48
28	51.91	51.93	51.52	51.08	50.86	---	50.54	50.40	50.65	51.03	---	51.45
29	51.94	51.86	51.37	51.17	---	---	50.54	50.39	50.66	51.03	---	51.44
30	51.92	51.64	51.43	51.13	---	---	50.39	50.41	50.64	51.07	---	51.41
31	51.85	---	51.60	51.21	---	---	---	50.38	---	51.11	---	---
MEAN	---	51.85	51.69	51.41	51.00	---	---	50.30	50.50	50.91	---	---
MAX	---	52.01	51.89	51.80	51.28	---	---	50.41	50.66	51.11	---	---
MIN	---	51.64	51.37	51.08	50.74	---	---	50.12	50.30	50.66	---	---



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 to 214 ft, 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.

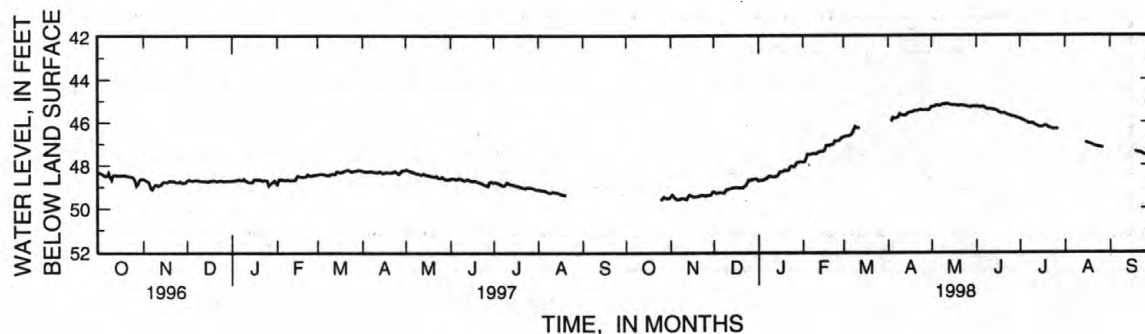
PERIOD OF RECORD.--February 1989 to June 1991, May 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	49.43	49.23	48.73	47.86	46.69	---	45.29	45.28	45.85	---	---
2	---	49.38	49.30	48.70	47.83	46.66	---	45.30	45.29	45.89	---	---
3	---	49.46	49.30	48.70	47.68	46.65	45.97	45.29	45.31	45.93	---	---
4	---	49.52	49.26	48.68	47.49	46.65	45.80	45.22	45.31	45.96	---	---
5	---	49.58	49.26	48.66	47.49	46.63	45.82	45.23	45.28	45.99	---	---
6	---	49.59	49.27	48.62	47.50	46.59	45.81	45.25	45.30	46.03	---	---
7	---	49.58	49.28	48.58	47.48	46.52	45.80	45.24	45.36	46.06	---	---
8	---	49.54	49.29	48.51	47.46	46.36	45.74	45.20	45.40	46.06	---	---
9	---	49.54	49.18	48.51	47.47	46.21	45.63	45.17	45.41	46.05	---	---
10	---	49.54	49.11	48.54	47.47	46.26	45.66	45.19	45.40	46.07	---	---
11	---	49.56	49.11	48.53	47.41	46.27	45.69	45.15	45.41	46.12	---	---
12	---	49.58	49.09	48.54	47.37	46.27	45.69	45.16	45.43	46.15	---	---
13	---	49.44	49.07	48.52	47.37	---	45.69	45.19	45.43	46.19	---	---
14	---	49.38	49.04	48.50	47.36	---	45.62	45.21	45.46	46.23	---	---
15	---	49.41	49.05	48.40	47.36	---	45.57	45.22	45.48	46.22	46.93	---
16	---	49.44	49.03	48.29	47.27	---	45.55	45.22	45.53	46.23	46.98	---
17	---	49.47	49.02	48.30	47.09	---	45.55	45.22	45.58	46.20	47.00	---
18	---	49.46	49.04	48.29	47.08	---	45.52	45.22	45.60	46.16	47.03	47.39
19	---	49.45	49.05	48.23	47.09	---	45.48	45.24	45.60	46.18	47.05	47.39
20	---	49.45	49.04	48.25	47.05	---	45.48	45.24	45.59	46.23	47.09	47.41
21	---	49.42	49.05	48.25	47.05	---	45.48	45.23	45.63	46.27	47.12	47.42
22	---	49.38	48.98	48.23	47.01	---	45.44	45.23	45.66	46.29	47.14	47.43
23	---	49.38	48.94	48.07	46.87	---	45.43	45.25	45.69	46.31	47.15	47.47
24	---	49.41	48.81	48.04	46.88	---	45.44	45.25	45.71	46.34	47.17	47.52
25	49.61	49.42	48.69	48.06	46.87	---	45.45	45.28	45.74	46.33	47.18	47.53
26	49.56	49.39	48.71	48.08	46.85	---	45.44	45.29	45.75	46.31	47.19	47.55
27	49.47	49.40	48.65	47.94	46.77	---	45.43	45.31	45.76	46.35	47.23	47.56
28	49.49	49.39	48.67	47.86	46.71	---	45.46	45.32	45.79	---	---	47.56
29	49.53	49.36	48.63	47.87	---	---	45.45	45.28	45.83	---	---	47.56
30	49.54	49.24	48.63	47.85	---	---	45.38	45.28	45.83	---	---	47.54
31	49.52	---	48.67	47.85	---	---	---	45.29	---	---	---	---
MEAN	---	49.45	49.01	48.33	47.26	---	---	45.24	45.53	---	---	---
MAX	---	49.59	49.30	48.73	47.86	---	---	45.32	45.83	---	---	---
MIN	---	49.24	48.63	47.85	46.71	---	---	45.15	45.28	---	---	---



BARNWELL COUNTY

507

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.

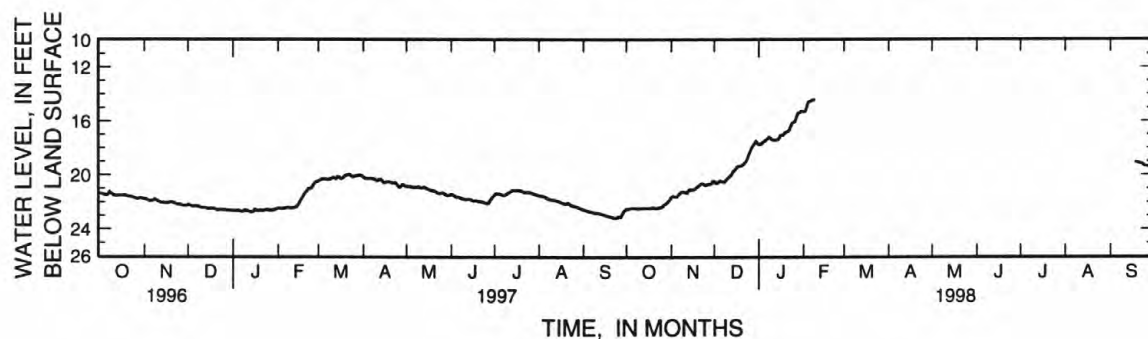
PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.52	21.65	20.46	17.76	15.32	---	---	---	---	---	---	---
2	22.51	21.56	20.61	17.77	15.31	---	---	---	---	---	---	---
3	22.48	21.61	20.62	17.67	15.08	---	---	---	---	---	---	---
4	22.46	21.59	20.49	17.58	14.68	---	---	---	---	---	---	---
5	22.46	21.59	20.44	17.50	14.54	---	---	---	---	---	---	---
6	22.46	21.48	20.48	17.42	14.53	---	---	---	---	---	---	---
7	22.45	21.35	20.50	17.34	14.47	---	---	---	---	---	---	---
8	22.46	21.27	20.52	17.22	14.43	---	---	---	---	---	---	---
9	22.47	21.25	20.39	17.27	14.48	---	---	---	---	---	---	---
10	22.48	21.27	20.27	17.38	---	---	---	---	---	---	---	---
11	22.45	21.29	20.19	17.41	---	---	---	---	---	---	---	---
12	22.45	21.32	20.09	17.42	---	---	---	---	---	---	---	---
13	22.46	21.15	19.94	17.41	---	---	---	---	---	---	---	---
14	22.46	21.07	19.76	17.41	---	---	---	---	---	---	---	---
15	22.46	21.09	19.64	17.30	---	---	---	---	---	---	---	---
16	22.44	21.07	19.54	17.08	---	---	---	---	---	---	---	---
17	22.44	21.08	19.39	17.07	---	---	---	---	---	---	---	---
18	22.44	20.98	19.36	17.06	---	---	---	---	---	---	---	19.08
19	22.41	20.89	19.36	16.89	---	---	---	---	---	---	---	19.09
20	22.46	20.81	19.31	16.83	---	---	---	---	---	---	---	19.12
21	22.46	20.73	19.24	16.79	---	---	---	---	---	---	---	19.15
22	22.43	20.64	19.13	16.71	---	---	---	---	---	---	---	19.16
23	22.44	20.65	19.02	16.42	---	---	---	---	---	---	---	19.22
24	22.41	20.73	18.76	16.19	---	---	---	---	---	---	---	19.31
25	22.39	20.77	18.46	16.11	---	---	---	---	---	---	---	19.34
26	22.34	20.71	18.27	16.08	---	---	---	---	---	---	---	19.37
27	22.20	20.68	17.98	15.75	---	---	---	---	---	---	---	19.39
28	22.16	20.70	17.85	15.43	---	---	---	---	---	---	---	19.40
29	22.06	20.64	17.68	15.42	---	---	---	---	---	---	---	19.42
30	21.95	20.46	17.53	15.31	---	---	---	---	---	---	---	19.40
31	21.83	---	17.62	15.28	---	---	---	---	---	---	---	---
MEAN	22.38	21.07	19.45	16.85	---	---	---	---	---	---	---	---
MAX	22.52	21.65	20.62	17.77	---	---	---	---	---	---	---	---
MIN	21.83	20.46	17.53	15.28	---	---	---	---	---	---	---	---



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.

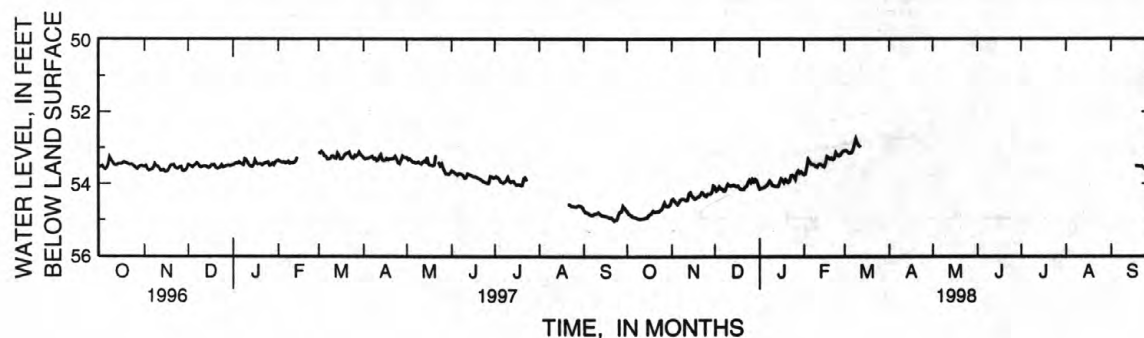
PERIOD OF RECORD.--May 1993 to current year.

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, Sept. 22, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54.77	54.45	54.09	54.14	53.75	53.09	---	---	---	---	---	---
2	54.84	54.42	54.19	54.13	53.72	53.08	---	---	---	---	---	---
3	54.86	54.48	54.16	54.11	53.54	53.11	---	---	---	---	---	---
4	54.89	54.52	54.08	54.10	53.33	53.15	---	---	---	---	---	---
5	54.92	54.57	54.12	54.08	53.40	53.15	---	---	---	---	---	---
6	54.93	54.52	54.15	54.04	53.46	53.14	---	---	---	---	---	---
7	54.94	54.45	54.19	53.99	53.46	53.06	---	---	---	---	---	---
8	54.96	54.42	54.19	53.92	53.47	52.90	---	---	---	---	---	---
9	54.97	54.42	54.09	53.98	53.52	52.76	---	---	---	---	---	---
10	54.98	54.43	54.01	54.04	53.54	52.88	---	---	---	---	---	---
11	54.97	54.46	54.05	54.06	53.47	52.94	---	---	---	---	---	---
12	54.97	54.45	54.06	54.07	53.45	52.98	---	---	---	---	---	---
13	54.96	54.28	54.05	54.07	53.47	---	---	---	---	---	---	---
14	54.94	54.24	54.03	54.07	53.50	---	---	---	---	---	---	---
15	54.94	54.33	54.06	53.95	53.53	---	---	---	---	---	---	---
16	54.87	54.37	54.08	53.86	53.43	---	---	---	---	---	---	---
17	54.85	54.42	54.06	53.90	53.24	---	---	---	---	---	---	---
18	54.82	54.40	54.11	53.96	53.27	---	---	---	---	---	---	53.52
19	54.75	54.37	54.15	53.88	53.31	---	---	---	---	---	---	53.50
20	54.78	54.35	54.15	53.91	53.28	---	---	---	---	---	---	53.52
21	54.78	54.30	54.15	53.96	53.33	---	---	---	---	---	---	53.52
22	54.76	54.24	54.09	53.93	53.30	---	---	---	---	---	---	53.51
23	54.77	54.27	54.07	53.77	53.14	---	---	---	---	---	---	53.55
24	54.73	54.33	53.96	53.76	53.20	---	---	---	---	---	---	53.60
25	54.71	54.34	53.90	53.80	53.23	---	---	---	---	---	---	53.62
26	54.63	54.28	53.96	53.87	53.22	---	---	---	---	---	---	53.63
27	54.53	54.29	53.88	53.70	53.15	---	---	---	---	---	---	53.62
28	54.62	54.28	53.94	53.65	53.11	---	---	---	---	---	---	53.61
29	54.63	54.23	53.88	53.70	---	---	---	---	---	---	---	53.61
30	54.62	54.06	53.91	53.67	---	---	---	---	---	---	---	53.58
31	54.57	---	54.02	53.71	---	---	---	---	---	---	---	---
MEAN	54.81	54.37	54.06	53.93	53.39	---	---	---	---	---	---	---
MAX	54.98	54.57	54.19	54.14	53.75	---	---	---	---	---	---	---
MIN	54.53	54.06	53.88	53.65	53.11	---	---	---	---	---	---	---



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.

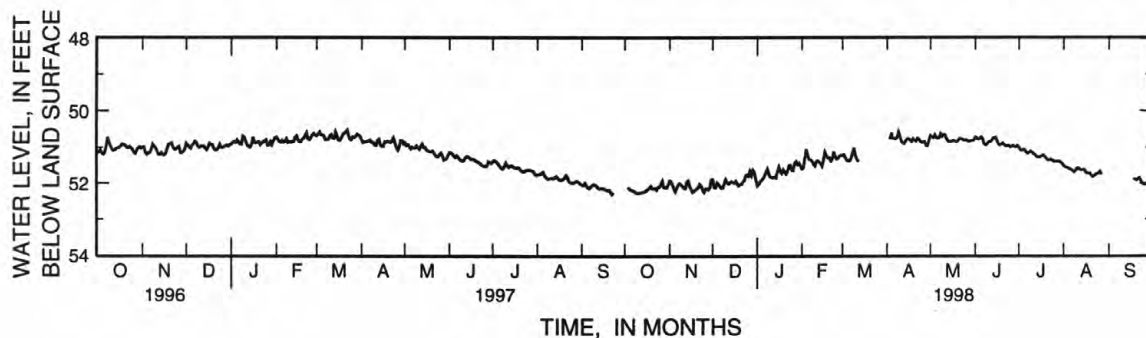
PERIOD OF RECORD.--May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 49.89 ft below land-surface datum, Mar. 19, 1996; lowest, 52.30 ft below land-surface datum, Sept. 22, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	51.93	51.90	52.07	51.60	51.23	---	50.68	50.72	51.00	51.52	---
2	---	51.94	52.12	52.03	51.57	51.21	---	50.71	50.74	51.08	51.55	---
3	52.12	52.04	52.13	51.96	51.30	51.28	50.77	50.73	50.78	51.10	51.56	---
4	52.15	52.15	51.99	51.92	51.06	51.36	50.61	50.66	50.77	51.07	51.58	---
5	52.18	52.23	52.03	51.87	51.23	51.38	50.75	50.73	50.72	51.08	51.61	---
6	52.20	52.14	52.09	51.80	51.34	51.38	50.76	50.76	50.76	51.14	51.62	---
7	52.21	52.04	52.14	51.70	51.35	51.32	50.77	50.74	50.90	51.17	51.65	---
8	52.24	52.01	52.13	51.61	51.39	51.16	50.73	50.63	50.94	51.15	51.69	---
9	52.27	52.04	52.00	51.73	51.47	51.03	50.58	50.70	50.92	51.12	51.66	---
10	52.28	52.08	51.90	51.83	51.52	51.22	50.70	50.65	50.86	51.14	51.59	---
11	52.26	52.14	51.98	51.83	51.39	51.33	50.83	50.66	50.85	51.18	51.58	---
12	52.26	52.15	52.01	51.85	51.38	51.40	50.89	50.75	50.83	51.21	51.62	---
13	52.26	51.96	51.98	51.83	51.41	---	50.90	50.82	50.76	51.26	51.64	---
14	52.24	51.93	51.95	51.85	51.45	---	50.81	50.85	50.74	51.28	51.63	---
15	52.23	52.08	51.98	51.67	51.52	---	50.77	50.85	50.73	51.28	51.62	---
16	52.20	52.17	51.99	51.55	51.35	---	50.77	50.83	50.83	51.26	51.68	---
17	52.17	52.25	51.94	51.67	51.14	---	50.80	50.81	50.92	51.23	51.73	---
18	52.13	52.22	52.01	51.72	51.23	---	50.84	50.83	50.94	51.22	51.72	51.90
19	52.08	52.18	52.07	51.62	51.30	---	50.77	50.85	50.91	51.27	51.72	51.89
20	52.15	52.15	52.03	51.68	51.29	---	50.81	50.82	50.89	51.31	51.79	51.91
21	52.15	52.11	52.03	51.74	51.38	---	50.83	50.77	50.94	51.36	51.82	51.89
22	52.14	52.03	51.96	51.68	51.34	---	50.76	50.77	50.97	51.36	51.79	51.86
23	52.18	52.07	51.93	51.51	51.13	---	50.77	50.78	50.96	51.34	51.76	51.94
24	52.11	52.19	51.79	51.50	51.25	---	50.83	50.81	50.96	51.36	51.74	52.02
25	52.10	52.25	51.76	51.64	51.33	---	50.87	50.80	51.00	51.39	51.72	52.03
26	52.03	52.16	51.80	51.65	51.32	---	50.86	50.80	50.98	51.40	51.68	52.03
27	51.94	52.15	51.67	51.43	51.24	---	50.85	50.83	50.96	51.39	51.76	52.00
28	52.10	52.18	51.78	51.40	51.22	---	50.96	50.83	50.99	51.39	---	51.97
29	52.12	52.12	51.64	51.48	---	---	50.96	50.82	51.00	51.39	---	51.95
30	52.12	51.91	51.70	51.44	---	---	50.81	50.82	50.96	51.43	---	51.92
31	52.04	---	51.87	51.53	---	---	---	50.80	---	51.46	---	---
MEAN	---	52.10	51.95	51.70	51.34	---	---	50.77	50.87	51.25	---	---
MAX	---	52.25	52.14	52.07	51.60	---	---	50.85	51.00	51.46	---	---
MIN	---	51.91	51.64	51.40	51.06	---	---	50.63	50.72	51.00	---	---



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.

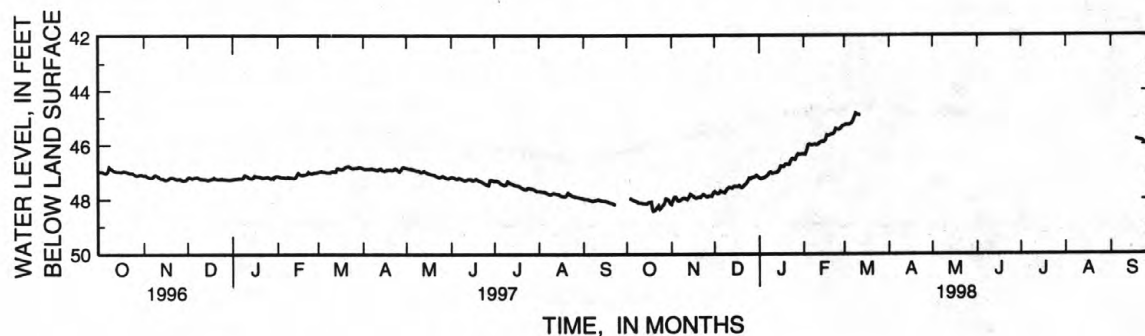
PERIOD OF RECORD.--May 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	48.18	47.71	47.21	46.34	45.29	---	---	---	---	---	---
2	---	48.04	47.75	47.25	46.35	45.26	---	---	---	---	---	---
3	47.96	47.91	47.79	47.24	46.21	45.26	---	---	---	---	---	---
4	47.98	47.91	47.77	47.20	46.00	45.26	---	---	---	---	---	---
5	48.01	48.02	47.69	47.19	45.98	45.24	---	---	---	---	---	---
6	48.04	48.06	47.72	47.15	46.01	45.21	---	---	---	---	---	---
7	48.06	48.03	47.73	47.11	46.01	45.13	---	---	---	---	---	---
8	48.08	47.99	47.75	47.02	45.99	44.98	---	---	---	---	---	---
9	48.12	47.95	47.66	47.00	45.98	44.85	---	---	---	---	---	---
10	48.12	47.95	47.60	47.04	46.01	44.88	---	---	---	---	---	---
11	48.13	47.97	47.56	47.03	45.98	44.90	---	---	---	---	---	---
12	48.14	48.00	47.57	47.02	45.91	44.91	---	---	---	---	---	---
13	48.15	47.92	47.58	47.01	45.90	---	---	---	---	---	---	---
14	48.15	47.81	47.53	46.99	45.87	---	---	---	---	---	---	---
15	48.16	47.84	47.51	46.91	45.89	---	---	---	---	---	---	---
16	48.11	47.87	47.53	46.78	45.82	---	---	---	---	---	---	---
17	48.10	47.93	47.53	46.79	45.65	---	---	---	---	---	---	---
18	48.09	47.95	47.50	46.81	45.66	---	---	---	---	---	---	45.81
19	48.43	47.94	47.55	46.72	45.65	---	---	---	---	---	---	45.81
20	48.42	47.91	47.57	46.71	45.61	---	---	---	---	---	---	45.84
21	48.38	47.93	47.52	46.73	45.62	---	---	---	---	---	---	45.85
22	48.31	47.86	47.45	46.72	45.56	---	---	---	---	---	---	45.85
23	48.23	47.82	47.42	46.56	45.42	---	---	---	---	---	---	45.89
24	48.35	47.84	47.32	46.51	45.44	---	---	---	---	---	---	45.94
25	48.28	47.89	47.23	46.53	45.45	---	---	---	---	---	---	45.96
26	48.23	47.91	47.25	46.55	45.43	---	---	---	---	---	---	45.96
27	48.16	47.86	47.19	46.41	45.36	---	---	---	---	---	---	45.97
28	47.97	47.86	47.19	46.33	45.31	---	---	---	---	---	---	45.98
29	47.98	47.88	47.17	46.36	---	---	---	---	---	---	---	45.99
30	48.02	47.76	47.12	46.34	---	---	---	---	---	---	---	45.96
31	48.13	---	47.16	46.33	---	---	---	---	---	---	---	---
MEAN	---	47.93	47.50	46.82	45.80	---	---	---	---	---	---	---
MAX	---	48.18	47.79	47.25	46.35	---	---	---	---	---	---	---
MIN	---	47.76	47.12	46.33	45.31	---	---	---	---	---	---	---



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.

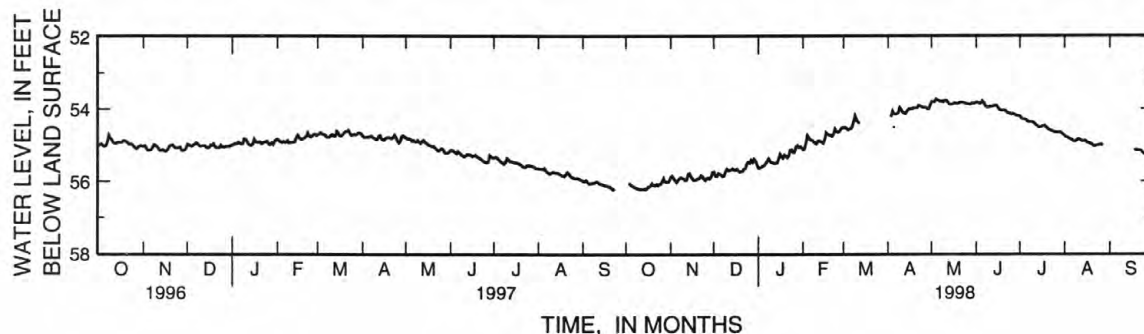
PERIOD OF RECORD.--May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 53.13 ft below land-surface datum, May 21, 1993; lowest, 56.23 ft below land-surface datum, Sept. 22, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	55.87	55.74	55.64	55.13	54.52	---	53.80	53.81	54.21	54.76	---
2	---	55.85	55.85	55.63	55.11	54.51	---	53.81	53.83	54.27	54.79	---
3	56.05	55.92	55.86	55.61	54.93	54.54	54.22	53.81	53.85	54.29	54.80	---
4	56.08	55.97	55.78	55.58	54.74	54.58	54.07	53.73	53.84	54.29	54.83	---
5	56.12	56.02	55.80	55.56	54.80	54.56	54.14	53.75	53.78	54.30	54.85	---
6	56.14	55.97	55.82	55.51	54.86	54.55	54.15	53.77	53.83	54.34	54.87	---
7	56.16	55.92	55.86	55.45	54.87	54.49	54.14	53.79	53.91	54.37	54.90	---
8	56.18	55.90	55.85	55.38	54.90	54.34	54.10	53.78	53.95	54.37	54.91	---
9	56.20	55.91	55.74	55.44	54.94	54.20	53.97	53.81	53.96	54.37	54.88	---
10	56.22	55.93	55.66	55.49	54.97	54.31	54.02	53.76	53.93	54.38	54.85	---
11	56.21	55.97	55.70	55.49	54.90	54.36	54.09	53.76	53.94	54.41	54.85	---
12	56.22	55.96	55.69	55.51	54.89	54.40	54.12	53.81	53.93	54.45	54.88	---
13	56.22	55.80	55.68	55.50	54.90	---	54.13	53.86	53.91	54.48	54.90	---
14	56.21	55.78	55.65	55.49	54.92	---	54.06	53.88	53.91	54.51	54.89	---
15	56.22	55.86	55.68	55.36	54.95	---	54.01	53.87	53.92	54.51	54.89	---
16	56.16	55.92	55.69	55.26	54.85	---	54.00	53.85	53.98	54.50	54.93	---
17	56.15	55.97	55.66	55.33	54.66	---	54.00	53.84	54.03	54.48	54.95	---
18	56.12	55.97	55.70	55.36	54.70	---	53.99	53.85	54.05	54.47	54.96	55.16
19	56.06	55.94	55.74	55.28	54.73	---	53.96	53.85	54.05	54.51	54.97	55.14
20	56.10	55.93	55.73	55.31	54.72	---	53.96	53.84	54.04	54.54	55.01	55.16
21	56.11	55.91	55.73	55.35	54.76	---	53.97	53.82	54.06	54.58	55.04	55.16
22	56.08	55.84	55.66	55.30	54.71	---	53.91	53.82	54.10	54.60	55.03	55.16
23	56.11	55.86	55.64	55.14	54.56	---	53.92	53.83	54.12	54.61	55.02	55.19
24	56.07	55.93	55.51	55.13	54.62	---	53.94	53.85	54.13	54.63	55.01	55.24
25	56.07	55.97	55.47	55.21	54.65	---	53.96	53.85	54.16	54.65	55.01	55.26
26	56.01	55.92	55.50	55.21	54.64	---	53.95	53.86	54.14	54.66	54.99	55.26
27	55.92	55.91	55.42	55.05	54.57	---	53.95	53.88	54.15	54.65	55.02	55.26
28	56.00	55.93	55.47	55.02	54.53	---	54.00	53.86	54.18	54.65	---	55.25
29	56.02	55.89	55.39	55.07	---	---	54.00	53.84	54.20	54.66	---	55.24
30	56.02	55.75	55.44	55.05	---	---	53.90	53.85	54.20	54.69	---	55.21
31	55.98	---	55.53	55.09	---	---	---	53.84	---	54.72	---	---
MEAN	---	55.91	55.67	55.35	54.80	---	---	53.82	54.00	54.49	---	---
MAX	---	56.02	55.86	55.64	55.13	---	---	53.88	54.20	54.72	---	---
MIN	---	55.75	55.39	55.02	54.53	---	---	53.73	53.78	54.21	---	---



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 Formation.

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: Top of casing, 1.80 ft above land-surface datum.

REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

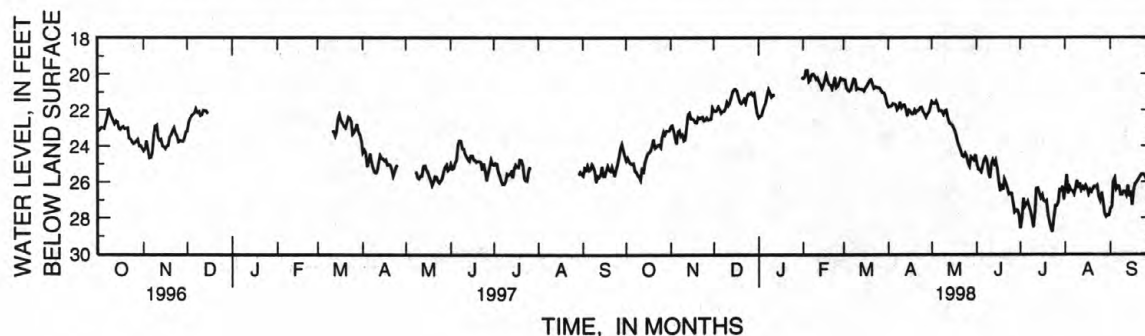
PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the U.S. Geological Survey.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.82	22.93	22.05	22.42	20.25	20.32	21.83	21.54	24.94	28.58	26.36	27.49
2	24.68	22.88	22.08	22.35	20.20	20.36	21.80	21.65	25.31	28.04	25.61	27.37
3	24.87	23.15	22.00	22.30	19.80	20.77	21.79	21.66	25.35	26.92	26.65	25.97
4	24.97	23.55	21.83	21.98	19.79	20.91	21.66	21.52	25.46	27.36	26.30	25.80
5	25.01	23.89	21.96	21.79	20.40	20.95	21.67	21.70	25.15	27.23	26.46	26.40
6	24.98	23.21	22.16	21.56	20.29	20.87	21.72	22.04	24.80	27.09	26.50	26.23
7	25.37	23.14	22.07	21.19	20.02	20.56	21.99	22.03	24.67	27.39	26.67	26.24
8	25.46	23.45	22.05	20.87	20.01	20.28	21.87	22.08	24.83	27.64	26.36	26.70
9	25.62	23.36	21.91	21.04	20.10	20.33	21.56	22.26	25.42	28.07	25.92	26.70
10	25.71	23.70	21.57	21.27	20.29	20.86	21.87	22.07	25.79	28.52	26.35	26.52
11	25.87	23.64	21.73	21.20	20.22	20.80	21.74	22.02	25.01	27.64	26.08	26.53
12	25.20	22.92	21.59	21.16	20.43	20.84	21.72	22.40	24.80	26.38	26.45	26.72
13	25.53	22.28	21.28	---	20.59	20.85	21.95	22.69	25.01	26.35	26.28	26.20
14	24.92	22.17	21.01	---	20.81	20.86	22.34	22.80	24.83	26.63	26.39	26.81
15	24.68	22.48	20.86	---	20.65	20.95	22.01	22.82	25.27	26.89	26.21	26.54
16	24.42	22.49	20.85	---	20.34	20.80	22.07	23.00	25.85	26.72	26.36	27.29
17	24.38	22.53	20.94	---	20.07	20.68	22.22	23.18	26.51	27.04	26.67	26.45
18	24.26	22.68	21.26	---	20.38	20.53	22.23	23.46	26.14	27.09	26.44	26.12
19	23.96	22.70	21.55	---	20.59	20.38	22.01	23.83	26.45	27.04	26.54	26.02
20	23.62	22.41	21.64	---	20.62	20.33	22.16	24.09	25.86	27.83	26.37	25.88
21	24.11	22.47	21.53	---	20.82	20.57	22.04	24.28	26.06	28.21	26.26	25.77
22	24.06	22.42	21.39	---	20.59	20.79	22.02	24.57	26.38	28.56	26.29	25.60
23	23.95	22.38	21.60	---	20.20	20.72	21.87	24.61	26.68	28.78	26.21	25.57
24	23.92	22.59	21.24	---	20.77	20.76	21.86	24.43	26.63	28.00	26.83	25.60
25	24.06	22.55	21.10	---	20.69	20.76	22.10	24.59	26.64	27.32	27.02	25.72
26	23.52	22.43	21.12	---	20.48	20.79	22.24	24.97	27.20	27.32	26.60	25.95
27	23.22	22.54	21.04	---	20.25	20.92	22.41	25.13	27.66	27.13	27.02	25.92
28	23.37	22.52	21.18	---	20.30	21.05	22.22	24.63	27.55	26.44	27.74	26.27
29	23.16	22.48	21.09	---	---	21.05	22.14	24.71	27.57	26.47	27.94	26.35
30	23.17	21.88	21.71	---	---	21.29	21.83	24.81	27.86	26.24	27.86	26.08
31	23.16	---	22.19	20.21	---	21.64	---	24.51	---	26.98	27.86	---
MEAN	24.45	22.79	21.53	---	20.36	20.76	21.96	23.23	25.92	27.35	26.60	26.29
MAX	25.87	23.89	22.19	---	20.82	21.64	22.41	25.13	27.86	28.78	27.94	27.49
MIN	23.16	21.88	20.85	---	19.79	20.28	21.56	21.52	24.67	26.24	25.61	25.57



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 Formation.

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.

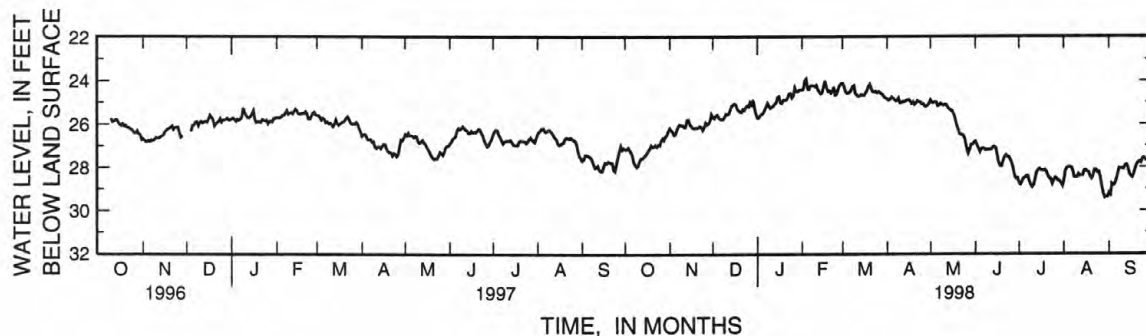
PERIOD OF RECORD.--August 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 21.71 ft below land-surface datum, Sept. 10, 1971; lowest, 29.56 ft below land-surface datum, July 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.16	26.20	25.68	25.72	24.44	24.13	24.85	24.91	26.82	28.76	28.64	29.21
2	27.17	26.28	25.73	25.71	24.39	24.24	24.91	25.01	26.97	28.82	28.18	29.29
3	27.09	26.36	25.61	25.60	23.98	24.49	24.86	25.02	27.13	28.67	28.06	28.79
4	27.18	26.49	25.57	25.54	23.92	24.58	24.77	24.98	27.29	28.52	28.01	28.86
5	27.29	26.47	25.69	25.50	24.39	24.58	24.82	24.98	27.15	28.51	28.01	28.78
6	27.46	26.26	25.77	25.35	24.40	24.55	24.87	25.17	27.12	28.42	28.02	28.59
7	27.77	26.09	25.79	25.22	24.22	24.44	24.94	25.15	27.14	28.42	28.15	28.34
8	27.89	26.03	25.79	25.05	24.22	24.28	24.92	25.07	27.21	28.66	28.45	28.06
9	27.97	26.06	25.69	25.16	24.22	24.24	24.83	25.13	27.18	28.84	28.50	28.07
10	27.90	26.05	25.54	25.26	24.27	24.62	25.03	25.15	27.20	28.93	28.47	28.07
11	27.71	26.14	25.56	25.21	24.21	24.67	25.01	25.10	27.17	28.85	28.34	28.09
12	27.57	26.14	25.52	25.17	24.42	24.74	24.96	25.13	27.17	28.59	28.41	27.95
13	27.58	25.82	25.34	25.08	24.52	24.72	24.99	25.26	27.07	28.26	28.38	27.90
14	27.51	25.80	25.17	25.03	24.60	24.66	24.93	25.32	27.05	28.15	28.39	28.01
15	27.45	26.02	25.10	24.77	24.56	24.69	24.90	25.37	27.13	28.09	28.17	28.34
16	27.34	26.09	25.07	24.74	24.25	24.69	24.89	25.41	27.46	28.15	28.15	28.40
17	27.24	26.18	25.11	25.01	24.02	24.57	24.95	25.53	27.84	28.15	28.21	28.48
18	27.15	26.20	25.31	25.04	24.33	24.46	25.07	25.74	27.96	28.17	28.25	28.35
19	26.99	26.16	25.39	24.89	24.50	24.27	24.99	26.05	27.97	28.14	28.43	28.08
20	27.06	26.18	25.44	24.90	24.47	24.18	25.11	26.23	27.70	28.24	28.53	27.89
21	27.04	26.14	25.45	24.89	24.58	24.36	25.04	26.46	27.52	28.40	28.43	27.80
22	26.97	26.10	25.31	24.79	24.51	24.52	24.93	26.51	27.44	28.54	28.13	27.75
23	27.04	26.14	25.36	24.60	24.29	24.54	24.99	26.50	27.52	28.54	28.13	27.80
24	26.95	26.27	25.20	24.59	24.67	24.51	24.99	26.60	27.55	28.78	28.25	27.61
25	26.98	26.12	25.16	24.78	24.63	24.57	25.09	26.77	27.67	28.60	28.23	27.58
26	26.78	25.94	25.20	24.71	24.42	24.52	25.08	27.16	27.83	28.50	28.46	27.67
27	26.66	26.02	25.00	24.33	24.22	24.57	25.19	27.37	28.09	28.54	28.86	27.71
28	26.73	25.97	25.10	24.51	24.15	24.60	25.20	27.18	28.44	28.64	29.20	27.70
29	26.58	25.86	24.88	24.52	---	24.67	25.16	26.96	28.54	28.66	29.43	27.84
30	26.49	25.55	25.20	24.44	---	24.77	25.05	26.96	28.51	28.75	29.39	27.75
31	26.33	---	25.52	24.41	---	24.81	---	26.86	---	28.88	29.40	---
MEAN	27.19	26.10	25.40	24.98	24.35	24.52	24.98	25.84	27.49	28.52	28.44	28.16
MAX	27.97	26.49	25.79	25.72	24.67	24.81	25.20	27.37	28.54	28.93	29.43	29.29
MIN	26.33	25.55	24.88	24.33	23.92	24.13	24.77	24.91	26.82	28.09	28.01	27.58



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, 0.80 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuations.

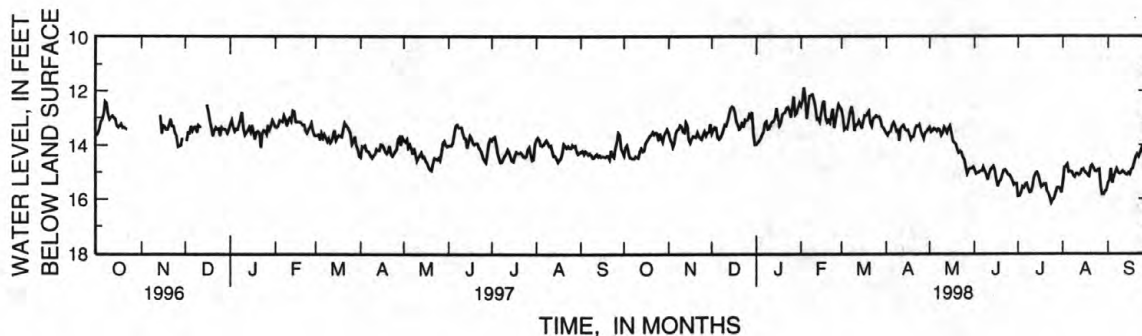
PERIOD OF RECORD.--September 1986 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.37	13.54	13.57	13.98	12.56	12.69	13.57	13.36	14.92	15.90	15.41	15.42
2	14.09	13.77	13.44	13.92	12.38	12.98	13.64	13.52	15.07	15.89	14.83	15.31
3	14.02	13.90	13.35	13.84	11.87	13.43	13.52	13.48	15.04	15.77	14.81	14.88
4	14.22	14.07	13.37	13.76	12.24	13.36	13.50	13.39	15.01	15.55	14.73	15.42
5	14.46	13.91	13.72	13.63	13.02	13.39	13.28	13.43	14.96	15.59	15.00	15.20
6	14.47	13.57	13.78	13.51	12.61	13.11	13.18	13.49	14.96	15.47	14.98	15.02
7	14.50	13.44	13.73	13.20	12.18	12.77	13.30	13.41	14.83	15.43	15.00	14.89
8	14.50	13.41	13.61	13.14	12.17	12.58	13.50	13.45	14.96	15.62	15.13	15.03
9	14.42	13.28	13.45	13.41	12.14	12.85	13.46	13.65	15.07	15.76	15.19	15.08
10	14.45	13.32	13.26	13.39	12.36	13.47	13.85	13.56	15.29	15.74	15.07	15.04
11	14.47	13.51	13.29	13.24	12.58	13.24	13.39	13.36	15.08	15.53	15.06	14.98
12	14.23	13.54	13.12	13.15	13.05	13.26	13.32	13.43	14.92	15.21	15.12	15.03
13	14.13	13.18	12.87	13.13	13.03	13.11	13.28	13.55	14.85	15.06	15.08	15.09
14	14.23	13.29	12.66	13.01	13.15	13.21	13.41	13.40	14.80	15.03	14.93	15.11
15	14.21	13.80	12.59	12.64	12.83	13.39	13.48	13.31	14.97	15.13	14.90	15.04
16	13.93	13.91	12.62	12.97	12.48	13.16	13.46	13.53	15.30	15.36	14.99	15.10
17	13.85	13.78	12.80	13.28	12.37	12.92	13.61	13.84	15.55	15.56	15.05	14.92
18	13.76	13.68	13.13	13.19	13.00	12.93	13.79	13.92	15.37	15.52	15.13	14.87
19	13.66	13.69	13.24	12.88	13.16	12.83	13.69	13.96	15.31	15.45	15.17	14.65
20	13.63	13.72	13.41	12.84	13.08	12.76	13.70	14.16	15.13	15.45	14.82	14.44
21	13.53	13.55	13.37	12.79	13.18	13.21	13.41	14.29	14.95	15.71	14.76	14.35
22	13.61	13.66	13.14	12.64	12.90	13.31	13.31	14.23	14.93	15.80	14.86	14.44
23	13.55	13.75	13.36	12.60	12.67	13.02	13.32	14.28	15.00	15.94	14.97	14.29
24	13.57	13.79	13.07	12.73	13.37	12.99	13.26	14.47	15.11	16.15	14.99	14.14
25	13.83	13.60	13.10	12.97	13.09	12.92	13.50	14.54	15.11	16.02	14.93	14.27
26	13.57	13.50	13.07	12.60	12.76	12.97	13.64	14.84	15.21	15.98	14.91	14.44
27	13.74	13.65	12.89	12.21	12.51	12.96	13.77	15.06	15.31	15.76	15.52	14.51
28	13.87	13.54	12.97	12.88	12.61	13.07	13.54	14.93	15.48	15.60	15.84	14.63
29	13.63	13.52	12.78	12.82	---	13.32	13.51	14.88	15.43	15.58	15.84	14.61
30	13.51	13.24	13.56	12.61	---	13.38	13.41	14.87	15.44	15.62	15.73	14.46
31	13.43	---	13.98	12.44	---	13.46	---	14.82	---	15.77	15.65	---
MEAN	13.98	13.60	13.24	13.08	12.69	13.10	13.49	13.95	15.11	15.61	15.11	14.82
MAX	14.50	14.07	13.98	13.98	13.37	13.47	13.85	15.06	15.55	16.15	15.84	15.42
MIN	13.43	13.18	12.59	12.21	11.87	12.58	13.18	13.31	14.80	15.03	14.73	14.14



BEAUFORT COUNTY
QUALITY OF GROUND WATER

515

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, 9,630 microsiemens, Dec. 23, 1988; minimum, 1590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,490 microsiemens, Apr. 14; minimum, 8,730 microsiemens, Oct. 1.

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25⁰ C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8880	8730	8780	9110	8910	8980	9230	9020	9090	9270	9060	9150
2	8870	8740	8790	9120	8920	8990	9210	9000	9080	9280	9070	9150
3	8880	8740	8800	9090	8920	8980	9220	9000	9080	9270	9080	9150
4	8880	8750	8800	9100	8920	8990	9230	9010	9100	9260	9090	9150
5	8880	8750	8810	9080	8920	8980	9230	9030	9110	9260	9080	9150
6	8890	8760	8820	9070	8920	8980	9220	9030	9100	9260	9090	9150
7	8890	8770	8820	9110	8930	8990	9210	9030	9100	9260	9090	9150
8	8890	8770	8820	9110	8930	8990	9230	9020	9100	9270	9080	9150
9	8900	8780	8830	9140	8930	9000	9230	9030	9100	9300	9090	9160
10	8930	8790	8840	9150	8940	9000	9270	9020	9100	9290	9090	9160
11	8950	8800	8850	9150	8940	9010	9270	9030	9120	9290	9090	9160
12	8950	8800	8850	9180	8940	9020	9270	9030	9120	9290	9090	9160
13	8960	8810	8860	9200	8940	9030	9280	9030	9120	9280	9090	9160
14	9000	8820	8880	9210	8950	9050	9280	9030	9130	9270	9090	9150
15	9010	8820	8890	9210	8970	9060	9290	9040	9130	9250	9080	9150
16	9030	8830	8910	9190	8970	9050	9260	9040	9130	9310	9090	9170
17	9030	8840	8910	9170	8960	9050	9320	9050	9150	9250	9100	9160
18	9030	8850	8920	9160	8970	9040	9300	9070	9170	9230	9100	9150
19	9040	8860	8930	9150	8960	9040	9240	9070	9140	9240	9090	9140
20	9010	8860	8930	9130	8970	9030	9220	9070	9130	9210	9090	9130
21	9010	8870	8930	9130	8970	9030	9200	9070	9120	9200	9090	9130
22	9000	8880	8930	9130	8980	9040	9210	9070	9120	9210	9090	9130
23	9050	8890	8960	9140	8990	9050	9210	9080	9120	9240	9090	9140
24	9050	8880	8950	9130	8990	9040	9210	9070	9110	9280	9100	9160
25	9050	8880	8950	9140	9000	9040	9240	9080	9130	9300	9100	9160
26	9060	8890	8940	9150	8990	9040	9240	9080	9130	9260	9090	9150
27	9060	8890	8960	9170	8990	9050	9250	9070	9130	9300	9080	9160
28	9080	8900	8960	9180	8990	9060	9270	9070	9140	9330	9110	9190
29	9060	8900	8950	9200	9000	9070	9290	9070	9150	9310	9080	9170
30	9070	8900	8960	9210	9000	9080	9300	9090	9180	9310	9090	9180
31	9080	8910	8970	---	---	---	9300	9090	9180	9300	9090	9170

BEAUFORT COUNTY

QUALITY OF GROUND WATER

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	9290	9100	9170	9310	9100	9190	9340	9150	9230	9380	9130	9230
2	9270	9100	9160	9310	9100	9200	9320	9170	9230	9380	9130	9230
3	9290	9090	9160	9300	9130	9200	9320	9170	9230	9350	9130	9210
4	9310	9100	9180	9280	9120	9180	9330	9170	9240	9330	9140	9210
5	9270	9110	9160	9290	9110	9190	9320	9160	9220	9340	9130	9210
6	9240	9100	9150	9280	9120	9180	9320	9170	9230	9340	9110	9200
7	9240	9090	9140	9290	9120	9180	9320	9170	9230	9340	9120	9200
8	9280	9090	9150	9290	9130	9190	9320	9160	9230	9350	9120	9210
9	9270	9090	9150	9330	9140	9220	9350	9190	9240	9360	9120	9200
10	9280	9090	9160	9330	9150	9220	9360	9180	9250	9360	9110	9200
11	9270	9050	9140	9310	9120	9200	9320	9150	9230	9370	9110	9210
12	9280	9080	9170	9320	9130	9200	9330	9180	9230	9360	9110	9210
13	9270	9080	9160	9310	9140	9210	9330	9170	9240	9340	9100	9190
14	9250	9090	9160	9310	9150	9210	9490	9190	9290	9350	9100	9190
15	9220	9080	9140	9320	9140	9210	9430	9160	9270	9350	9090	9190
16	9260	9080	9150	9300	9140	9200	9390	9150	9250	9340	9090	9180
17	9260	9100	9170	9300	9140	9200	9370	9150	9240	9330	9090	9180
18	9250	9120	9170	9300	9150	9210	9360	9150	9230	9320	9090	9170
19	9220	9110	9160	9310	9150	9220	9350	9150	9230	9290	9080	9160
20	9230	9100	9150	9290	9160	9210	9380	9130	9230	9310	9080	9170
21	9240	9100	9160	9310	9170	9230	9340	9130	9210	9320	9080	9160
22	9230	9100	9150	9290	9170	9210	9420	9130	9220	9320	9070	9150
23	9290	9090	9170	9310	9160	9210	9420	9140	9240	9330	9060	9160
24	9300	9110	9190	9330	9150	9220	9430	9130	9240	9360	9060	9160
25	9300	9090	9180	9330	9150	9220	9450	9130	9250	9350	9060	9170
26	9290	9080	9170	9350	9150	9230	9440	9130	9250	9360	9060	9170
27	9300	9080	9170	9350	9140	9230	9440	9120	9250	9360	9060	9170
28	9320	9100	9190	9350	9140	9240	9430	9120	9240	9340	9070	9170
29	---	---	---	9360	9150	9240	9420	9120	9240	9290	9060	9150
30	---	---	---	9370	9130	9230	9400	9120	9230	9270	9060	9140
31	---	---	---	9350	9150	9230	---	---	---	9250	9070	9130
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	9240	9060	9130	---	---	---	---	---	---	9270	9190	9220
2	9200	9060	9110	---	---	---	---	---	---	9280	9210	9230
3	9190	9050	9110	---	---	---	---	---	---	9360	9220	9240
4	---	---	---	---	---	---	---	---	---	9380	9230	9280
5	---	---	---	---	---	---	---	---	---	9350	9220	9270
6	---	---	---	---	---	---	---	---	---	9360	9230	9270
7	---	---	---	---	---	---	---	---	---	9370	9230	9280
8	---	---	---	---	---	---	---	---	---	9380	9240	9290
9	---	---	---	---	---	---	---	---	---	9390	9210	9280
10	---	---	---	---	---	---	---	---	---	9370	9210	9280
11	---	---	---	---	---	---	---	---	---	9370	9250	9290
12	---	---	---	---	---	---	---	---	---	9350	9240	9280
13	---	---	---	---	---	---	---	---	---	9340	9240	9280
14	---	---	---	---	---	---	9240	9150	9180	9330	9240	9280
15	---	---	---	---	---	---	9250	9150	9190	9330	9240	9270
16	---	---	---	---	---	---	9270	9160	9190	9330	9240	9270
17	---	---	---	---	---	---	9270	9160	9200	9340	9240	9280
18	---	---	---	---	---	---	9270	9170	9200	9340	9250	9280
19	---	---	---	---	---	---	9270	9160	9200	9350	9250	9280
20	---	---	---	---	---	---	9260	9170	9200	9360	9260	9290
21	---	---	---	---	---	---	9270	9170	9210	9370	9260	9300
22	---	---	---	---	---	---	9260	9180	9210	9390	9270	9310
23	---	---	---	---	---	---	9280	9180	9210	9370	9260	9300
24	---	---	---	---	---	---	9260	9180	9210	9340	9270	9290
25	---	---	---	---	---	---	9270	9180	9210	9350	9270	9300
26	---	---	---	---	---	---	9260	9180	9210	9330	9260	9290
27	---	---	---	---	---	---	9270	9200	9220	9330	9260	9290
28	---	---	---	---	---	---	9250	9200	9220	9320	9270	9290
29	---	---	---	---	---	---	9240	9190	9210	9330	9260	9290
30	---	---	---	---	---	---	9240	9190	9210	9340	9270	9290
31	---	---	---	---	---	---	9250	9200	9220	---	---	---

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.

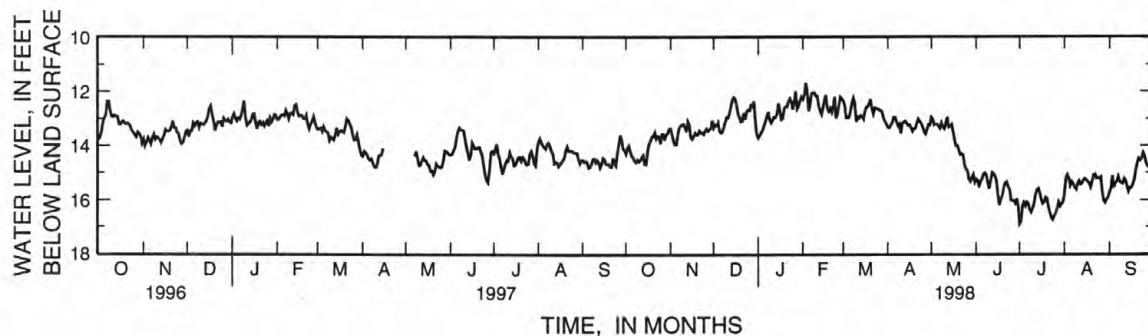
PERIOD OF RECORD.--October 1986 to current year.

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, July 1, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.29	13.37	13.33	13.70	12.28	12.34	13.32	12.96	15.24	16.91	15.76	15.70
2	14.08	13.57	13.22	13.63	12.13	12.52	13.34	13.03	15.29	16.83	15.19	15.58
3	14.00	13.81	13.25	13.51	11.69	12.96	13.24	13.23	15.53	16.22	15.09	15.12
4	14.21	13.95	13.14	13.43	11.93	12.97	13.14	13.20	15.32	16.10	15.21	15.55
5	14.37	13.95	13.44	13.25	12.71	12.95	12.96	13.21	15.24	16.22	15.47	15.39
6	14.44	13.62	13.52	13.09	12.51	12.72	12.96	13.28	15.05	16.09	15.33	15.31
7	14.56	13.33	13.50	12.92	12.07	12.43	13.11	13.36	15.02	16.12	15.42	15.15
8	14.61	13.27	13.34	12.75	12.04	12.25	13.27	13.16	15.10	16.36	15.54	15.33
9	14.52	13.21	13.15	13.04	12.04	12.43	13.20	13.32	15.36	16.45	15.61	15.37
10	14.59	13.19	12.96	13.14	12.16	13.11	13.55	13.38	15.59	16.32	15.42	15.40
11	14.54	13.32	12.98	13.05	12.16	12.93	13.17	13.17	15.27	16.16	15.32	15.23
12	14.41	13.47	12.82	12.94	12.55	12.99	13.14	12.96	15.01	15.82	15.43	15.29
13	14.35	13.10	12.56	12.95	12.71	12.88	13.10	13.32	15.05	15.63	15.40	15.50
14	14.68	13.21	12.32	12.83	12.84	12.90	13.18	13.31	15.14	15.59	15.28	15.68
15	14.69	13.68	12.22	12.43	12.61	13.01	13.26	13.23	15.32	15.75	15.23	15.55
16	14.22	13.75	12.26	12.68	12.27	12.74	13.23	13.47	15.82	15.98	15.27	15.55
17	13.94	13.66	12.50	13.03	12.15	12.58	13.35	13.78	16.19	16.13	15.33	15.44
18	13.83	13.53	12.80	13.00	12.64	12.56	13.47	14.01	15.99	16.07	15.38	15.25
19	13.67	13.59	12.95	12.62	12.74	12.43	13.37	14.00	15.84	15.91	15.53	14.91
20	13.65	13.59	13.10	12.55	12.62	12.29	13.37	14.18	15.56	15.96	15.33	14.63
21	13.52	13.45	13.07	12.57	12.76	12.65	13.16	14.34	15.39	16.25	15.10	14.49
22	13.73	13.50	12.79	12.36	12.56	12.82	13.02	14.31	15.35	16.48	15.07	14.55
23	13.65	13.54	13.03	12.26	12.21	12.61	13.11	14.36	15.51	16.67	15.21	14.48
24	13.67	13.58	12.72	12.37	12.99	12.63	13.17	14.75	15.62	16.74	15.19	14.28
25	13.91	13.44	12.68	12.65	12.84	12.64	13.31	14.86	16.01	16.56	15.22	14.38
26	13.58	13.38	12.70	12.38	12.52	12.69	13.50	14.95	16.02	16.52	15.18	14.64
27	13.58	13.45	12.51	12.00	12.21	12.71	13.57	15.24	16.03	16.27	15.68	14.76
28	13.78	13.39	12.55	12.63	12.27	12.76	13.41	15.32	16.13	16.09	16.03	14.80
29	13.57	13.35	12.37	12.54	---	12.99	13.22	15.19	15.96	16.23	16.10	14.87
30	13.54	13.07	13.07	12.33	---	13.10	13.24	15.08	16.23	16.14	15.98	14.69
31	13.38	---	13.57	12.19	---	13.19	---	15.35	---	16.07	15.89	---
MEAN	14.05	13.48	12.92	12.80	12.40	12.73	13.25	13.91	15.54	16.21	15.43	15.10
MAX	14.69	13.95	13.57	13.70	12.99	13.19	13.57	15.35	16.23	16.91	16.10	15.70
MIN	13.38	13.07	12.22	12.00	11.69	12.25	12.96	12.96	15.01	15.59	15.07	14.28



WELL NUMBER.--331022080021801. Local number, BRK-431.

LOCATION.--Lat 33°10'22", long 80°02'18". 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.

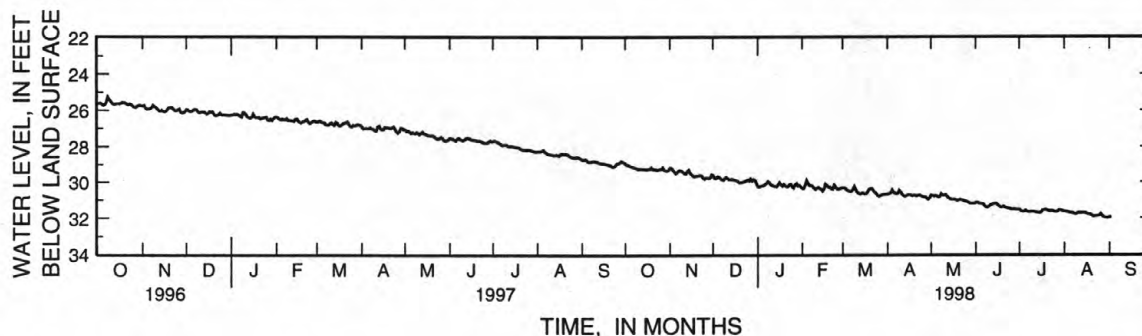
REMARKS.--Flowing well in 1982. Geophysical logs available in District files.

PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sept. 15, 1989; lowest 32.00 ft below land-surface datum, Aug. 30 - 31, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.94	29.19	29.61	30.27	30.35	30.32	30.67	30.74	31.14	31.54	31.63	31.95
2	29.02	29.19	29.79	30.27	30.35	30.32	30.64	30.75	31.14	31.60	31.64	31.96
3	29.04	29.31	29.80	30.23	30.16	30.37	30.60	30.79	31.18	31.64	31.65	---
4	29.08	29.39	29.69	30.21	29.91	30.46	30.45	30.75	31.20	31.63	31.68	---
5	29.12	29.50	29.71	30.19	30.07	30.49	30.57	30.78	31.21	31.58	31.71	---
6	29.15	29.45	29.79	30.13	30.19	30.51	30.62	30.83	31.23	31.62	31.72	---
7	29.17	29.35	29.85	30.06	30.19	30.51	30.65	30.82	31.34	31.65	31.74	---
8	29.19	29.33	29.88	29.97	30.23	30.41	30.62	30.66	31.41	31.65	31.79	---
9	29.23	29.36	29.80	30.03	30.33	30.27	30.47	30.73	31.42	31.64	31.78	---
10	29.26	29.42	29.73	30.15	30.41	30.44	30.55	30.72	31.35	31.64	31.73	---
11	29.25	29.50	29.79	30.18	30.34	30.57	30.68	30.70	31.27	31.65	31.70	---
12	29.26	29.52	29.85	30.22	30.30	30.63	30.76	30.80	31.26	31.66	31.72	---
13	29.26	29.38	29.85	30.22	30.36	30.67	30.80	30.89	31.21	31.69	31.71	---
14	29.26	29.32	29.83	30.26	30.40	30.62	30.75	30.94	31.20	31.71	31.71	---
15	29.27	29.48	29.87	30.14	30.49	30.61	30.70	30.96	31.19	31.71	31.71	---
16	29.29	29.55	29.89	30.03	30.37	30.65	30.70	30.96	31.27	31.66	31.74	---
17	29.28	29.64	29.89	30.15	30.12	30.65	30.72	30.96	31.36	31.56	31.79	---
18	29.25	29.68	29.94	30.22	30.19	30.58	30.77	30.98	31.41	31.56	31.80	---
19	29.18	29.64	30.03	30.13	30.29	30.42	30.73	31.02	31.40	31.54	31.80	---
20	29.26	29.65	30.01	30.20	30.28	30.37	30.74	31.01	31.37	31.57	31.87	---
21	29.29	29.63	30.01	30.27	30.37	30.36	30.78	30.97	31.41	31.60	31.92	---
22	29.28	29.60	29.99	30.27	30.40	30.47	30.74	30.99	31.45	31.61	31.90	---
23	29.32	29.63	29.97	30.14	30.18	30.57	30.72	31.02	31.46	31.60	31.88	---
24	29.30	29.75	29.91	30.12	30.28	30.63	30.77	31.06	31.47	31.61	31.88	---
25	29.27	29.82	29.87	30.27	30.38	30.75	30.82	31.08	31.51	31.64	31.87	---
26	29.27	29.75	29.93	30.32	30.41	30.79	30.83	31.10	31.52	31.65	31.78	---
27	29.18	29.76	29.82	30.14	30.36	30.75	30.83	31.15	31.51	31.64	31.88	---
28	29.31	29.79	29.93	30.09	30.32	30.70	30.92	31.18	31.52	31.57	31.96	---
29	29.35	29.74	29.85	30.22	---	30.69	30.96	31.19	31.54	31.57	31.98	---
30	29.36	29.57	29.89	30.19	---	30.68	30.87	31.19	31.53	31.59	32.00	---
31	29.32	---	30.05	30.27	---	30.68	---	31.19	---	31.62	32.00	---
MEAN	29.23	29.53	29.87	30.18	30.29	30.55	30.71	30.93	31.35	31.62	31.80	---
MAX	29.36	29.82	30.05	30.32	30.49	30.79	30.96	31.19	31.54	31.71	32.00	---
MIN	28.94	29.19	29.61	29.97	29.91	30.27	30.45	30.66	31.14	31.54	31.63	---



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.--Water-stage recorder--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.

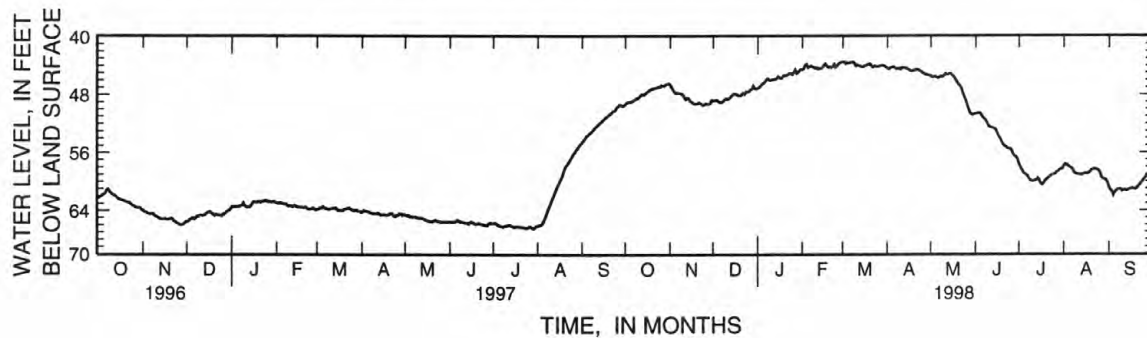
PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.81 ft below land-surface datum, June 5, 1991; lowest 68.05 ft below land-surface datum, Aug. 23, 24, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.33	46.59	48.84	47.15	44.58	43.50	44.38	45.44	50.66	57.57	57.87	60.78
2	49.16	46.97	48.83	47.03	44.42	43.50	44.48	45.62	50.60	58.03	57.64	61.23
3	49.02	47.32	48.80	46.84	43.96	43.73	44.35	45.58	50.53	58.42	57.74	61.34
4	49.01	47.62	48.79	46.65	43.85	43.60	44.23	45.55	50.59	58.75	57.91	61.91
5	49.00	47.81	49.02	46.45	44.27	43.69	44.17	45.62	50.86	59.05	58.05	61.54
6	48.92	47.76	49.08	46.26	44.18	43.62	44.29	45.75	51.18	59.08	58.17	61.27
7	48.80	47.81	49.06	46.01	44.05	43.55	44.44	45.64	51.35	59.32	58.35	61.15
8	48.63	47.85	48.95	45.85	44.17	43.51	44.44	45.53	51.57	59.66	58.80	61.11
9	48.53	47.90	48.74	46.02	44.26	43.66	44.37	45.58	51.91	59.88	58.99	61.10
10	48.47	48.02	48.60	46.02	44.37	44.05	44.54	45.42	52.39	59.97	59.02	61.33
11	48.30	48.40	48.67	45.97	44.29	43.91	44.28	45.15	52.51	59.98	59.06	61.19
12	48.04	48.67	48.59	45.94	44.50	44.06	44.32	45.24	52.60	59.93	59.10	61.17
13	47.97	48.48	48.40	45.93	44.40	44.07	44.32	45.25	52.69	59.84	59.14	61.27
14	48.03	48.57	48.19	45.83	44.39	44.15	44.38	45.11	52.70	59.59	59.06	61.20
15	47.84	48.92	47.99	45.56	44.27	44.17	44.50	45.16	52.91	59.85	58.94	61.11
16	47.69	49.02	47.93	45.67	43.95	44.05	44.61	45.39	53.38	60.31	58.91	61.07
17	47.56	49.17	47.95	45.78	43.80	43.97	44.74	45.63	53.81	60.46	58.92	60.98
18	47.39	49.30	48.08	45.67	44.08	43.94	44.78	45.97	54.11	60.24	58.88	61.04
19	47.24	49.29	48.16	45.39	44.23	43.82	44.66	46.26	54.56	59.95	58.74	61.08
20	47.26	49.27	48.15	45.40	44.15	43.78	44.71	46.62	54.93	59.73	58.45	60.98
21	47.15	49.11	48.00	45.40	44.30	44.07	44.54	46.77	55.12	59.61	58.37	60.73
22	47.12	49.20	47.82	45.22	44.14	44.23	44.56	47.11	55.25	59.43	58.31	60.50
23	47.07	49.34	47.94	45.10	43.85	44.09	44.70	47.74	55.44	59.26	58.35	60.27
24	46.96	49.48	47.64	45.12	44.25	44.13	44.79	48.26	55.46	59.11	58.41	60.03
25	46.97	49.38	47.66	45.25	44.06	44.13	44.98	48.68	55.52	59.03	58.54	59.77
26	46.76	49.24	47.61	44.97	43.81	44.14	45.08	49.31	55.82	59.01	58.85	59.50
27	46.79	49.34	47.30	44.60	43.61	44.05	45.26	49.98	56.29	58.72	59.50	59.24
28	46.83	49.31	47.27	45.09	43.58	43.97	45.23	50.50	56.55	58.64	59.69	59.06
29	46.65	49.21	46.85	44.95	---	44.01	45.36	50.73	56.61	58.43	59.76	59.09
30	46.59	48.80	47.18	44.68	---	44.08	45.36	50.80	56.96	58.33	59.79	59.16
31	46.52	---	47.26	44.53	---	44.21	---	50.69	---	58.25	60.21	---
MEAN	47.79	48.57	48.17	45.69	44.13	43.92	44.63	46.84	53.50	59.27	58.76	60.71
MAX	49.33	49.48	49.08	47.15	44.58	44.23	45.36	50.80	56.96	60.46	60.21	61.91
MIN	46.52	46.59	46.85	44.53	43.58	43.50	44.17	45.11	50.53	57.57	57.64	59.06



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 Formation.

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.

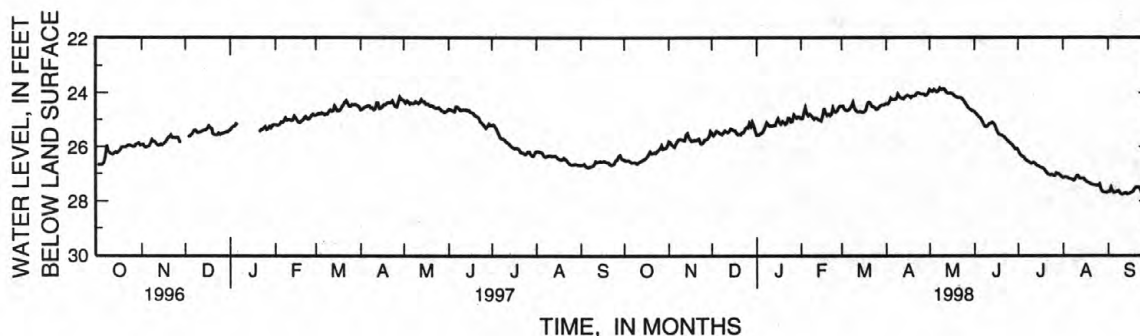
PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 27.81 ft below land-surface datum, Sept. 29, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.48	25.80	25.49	25.57	24.96	24.49	24.38	23.88	24.70	26.14	27.15	27.65
2	26.52	25.82	25.58	25.57	24.95	24.48	24.40	23.92	24.76	26.26	27.11	27.66
3	26.50	25.92	25.52	25.54	24.72	24.59	24.34	23.94	24.82	26.33	27.12	27.51
4	26.51	25.97	25.41	25.50	24.54	24.64	24.19	23.87	24.89	26.36	27.15	27.64
5	26.54	26.00	25.43	25.46	24.76	24.65	24.25	23.91	24.92	26.40	27.17	27.70
6	26.59	25.89	25.48	25.37	24.84	24.62	24.23	23.96	25.02	26.48	27.19	27.68
7	26.58	25.78	25.52	25.24	24.79	24.57	24.24	23.93	25.13	26.52	27.20	27.65
8	26.57	25.72	25.54	25.10	24.83	24.46	24.20	23.82	25.23	26.55	27.25	27.63
9	26.59	25.71	25.47	25.16	24.90	24.35	24.04	23.88	25.26	26.59	27.20	27.71
10	26.62	25.72	25.40	25.23	24.97	24.57	24.13	23.85	25.22	26.62	27.09	27.76
11	26.58	25.75	25.44	25.21	24.92	24.64	24.18	23.85	25.14	26.59	27.08	27.76
12	26.54	25.76	25.46	25.23	24.94	24.70	24.19	23.92	25.14	26.59	27.15	27.72
13	26.53	25.55	25.41	25.19	24.99	24.70	24.21	24.00	25.09	26.65	27.18	27.71
14	26.49	25.50	25.33	25.19	25.00	24.68	24.15	24.01	25.12	26.71	27.16	27.75
15	26.46	25.65	25.35	25.03	25.03	24.72	24.10	24.00	25.20	26.72	27.16	27.74
16	26.42	25.72	25.40	24.95	24.82	24.72	24.10	24.01	25.36	26.76	27.23	27.72
17	26.37	25.79	25.39	25.10	24.57	24.68	24.12	24.04	25.48	26.78	27.29	27.69
18	26.28	25.77	25.48	25.15	24.74	24.60	24.17	24.09	25.55	26.80	27.32	27.66
19	26.18	25.74	25.55	25.05	24.83	24.38	24.11	24.14	25.56	26.85	27.33	27.56
20	26.25	25.76	25.53	25.09	24.79	24.34	24.12	24.16	25.58	26.93	27.38	27.50
21	26.24	25.71	25.55	25.16	24.84	24.38	24.10	24.17	25.62	27.00	27.40	27.51
22	26.22	25.70	25.47	25.12	24.79	24.48	24.01	24.17	25.68	27.03	27.41	27.51
23	26.24	25.87	25.46	24.93	24.55	24.51	23.99	24.18	25.74	27.05	27.42	27.59
24	26.16	25.88	25.33	24.94	24.69	24.53	24.01	24.24	25.78	27.03	27.44	27.70
25	26.12	25.84	25.27	25.07	24.71	24.60	24.04	24.31	25.85	27.06	27.43	27.70
26	26.06	25.73	25.29	25.05	24.66	24.59	24.04	24.40	25.89	27.07	27.38	27.71
27	25.95	25.73	25.12	24.81	24.54	24.52	24.04	24.48	25.94	26.98	27.56	27.74
28	26.08	25.69	25.23	24.87	24.49	24.46	24.09	24.56	26.01	27.00	27.66	27.79
29	26.05	25.62	25.08	24.93	---	24.44	24.07	24.60	26.09	27.01	27.69	27.81
30	26.04	25.42	25.22	24.87	---	24.44	23.99	24.64	26.07	27.07	27.69	27.74
31	25.97	---	25.39	24.89	---	24.42	---	24.67	---	27.13	27.70	---
MEAN	26.35	25.75	25.41	25.15	24.79	24.55	24.14	24.12	25.39	26.74	27.31	27.67
MAX	26.62	26.00	25.58	25.57	25.03	24.72	24.40	24.67	26.09	27.13	27.70	27.81
MIN	25.95	25.42	25.08	24.81	24.49	24.34	23.99	23.82	24.70	26.14	27.08	27.50



CHARLESTON COUNTY

521

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 Formation.

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.

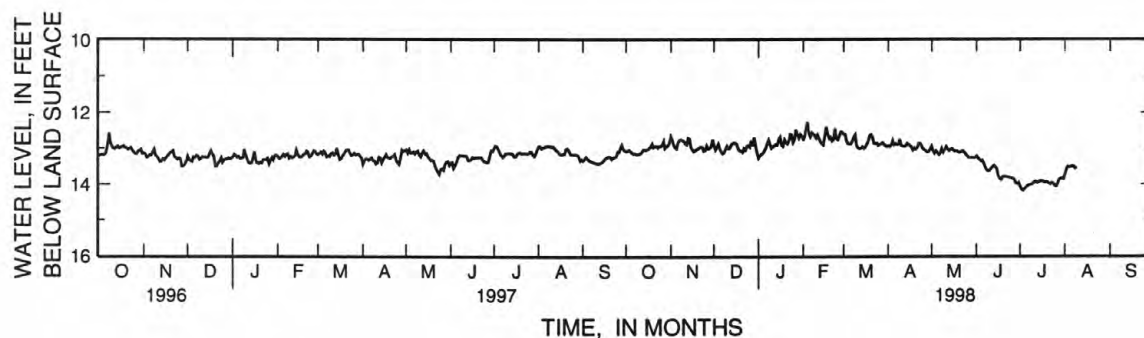
PERIOD OF RECORD.--February 1980 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.09	12.67	12.90	13.27	12.74	12.60	12.92	12.95	13.22	14.06	13.74	---
2	13.08	12.76	13.04	13.21	12.68	12.61	12.95	13.08	13.28	14.15	13.59	---
3	13.05	12.90	12.97	13.17	12.44	12.80	12.92	13.14	13.31	14.18	13.52	---
4	13.09	12.97	12.88	13.13	12.27	12.87	12.79	13.08	13.36	14.14	13.53	---
5	13.12	13.00	12.99	13.08	12.59	12.88	12.90	13.12	13.34	14.09	13.52	---
6	13.15	12.85	13.10	13.00	12.67	12.88	12.87	13.18	13.43	14.06	13.50	---
7	13.14	12.77	13.14	12.87	12.56	12.80	12.90	13.14	13.53	14.03	13.51	---
8	13.17	12.75	13.12	12.77	12.59	12.69	12.89	13.01	13.61	14.02	13.57	---
9	13.17	12.78	13.03	12.88	12.64	12.63	12.75	13.11	13.64	14.01	13.54	---
10	13.16	12.79	12.94	12.99	12.71	12.93	12.92	13.04	13.62	13.99	---	---
11	13.14	12.86	13.01	12.95	12.63	12.98	12.94	12.96	13.57	13.94	---	---
12	13.10	12.89	13.00	12.93	12.73	13.01	12.95	13.03	13.53	13.93	---	---
13	13.04	12.71	12.91	12.89	12.82	13.00	12.94	13.07	13.49	13.96	---	---
14	13.05	12.73	12.87	12.91	12.87	12.96	12.87	13.03	13.53	13.94	---	---
15	13.04	12.96	12.84	12.74	12.90	13.00	12.90	13.01	13.59	13.91	---	---
16	13.03	13.04	12.86	12.69	12.65	12.97	12.93	13.05	13.78	13.92	---	---
17	12.99	13.09	12.89	12.91	12.41	12.89	12.97	13.09	13.85	13.92	---	---
18	12.96	13.06	13.01	12.94	12.59	12.81	13.05	13.08	13.88	13.95	---	---
19	12.88	13.02	13.07	12.76	12.72	12.65	12.99	13.09	13.79	13.94	---	---
20	12.97	13.02	13.08	12.82	12.68	12.62	13.03	13.12	13.79	13.95	---	---
21	12.94	12.97	13.11	12.87	12.79	12.70	12.99	13.11	13.79	13.98	---	---
22	12.94	12.96	13.01	12.80	12.75	12.86	12.87	13.08	13.81	14.00	---	---
23	12.98	12.97	13.05	12.61	12.46	12.87	12.87	13.09	13.81	13.97	---	---
24	12.94	13.07	12.94	12.62	12.72	12.86	12.92	13.14	13.83	13.99	---	---
25	12.94	13.05	12.91	12.83	12.76	12.92	13.02	13.19	13.84	14.04	---	---
26	12.91	12.93	12.96	12.76	12.67	12.90	13.04	13.24	13.85	14.06	---	---
27	12.81	13.01	12.78	12.48	12.55	12.88	13.08	13.27	13.88	13.98	---	---
28	12.99	13.00	12.93	12.62	12.55	12.85	13.11	13.27	13.98	13.88	---	---
29	12.94	12.95	12.70	12.71	---	12.89	13.10	13.26	13.99	13.85	---	---
30	12.92	12.76	12.91	12.61	---	12.93	13.02	13.27	13.96	13.84	---	---
31	12.85	---	13.12	12.65	---	12.95	---	13.26	---	13.86	---	---
MEAN	13.02	12.91	12.97	12.85	12.65	12.84	12.95	13.11	13.66	13.99	---	---
MAX	13.17	13.09	13.14	13.27	12.90	13.01	13.11	13.27	13.99	14.18	---	---
MIN	12.81	12.67	12.70	12.48	12.27	12.60	12.75	12.95	13.22	13.84	---	---



CHEROKEE COUNTY

WELL NUMBER.--350927081270100. Local number, CRK-67.

LOCATION.--Lat 35°09'27", long 81°27'01", Hydrologic Unit 03050105, Northeast of Blacksburg, 2400 East Cherokee St., in front of lot. Owner: Calvin Tessner.

AQUIFER.--Paleozoic Schist.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 405 ft, cased to 66 ft, open hole from 66 to 405 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 805 ft above sea level. Measuring point: Top of casing, 2.04 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1997 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 30.50 ft below land-surface datum, Apr. 6, 1996; lowest, 45.37 ft below land-surface datum, Dec. 30, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	65.36	63.75	62.97	63.73	65.12	66.57
2	---	---	---	---	---	---	65.52	63.86	63.22	63.61	65.27	66.38
3	---	---	---	---	---	---	65.25	63.70	63.00	63.89	65.02	66.65
4	---	---	---	---	---	---	65.07	63.65	63.08	63.78	64.99	66.62
5	---	---	---	---	---	---	65.37	63.69	62.76	63.70	65.04	66.98
6	---	---	---	---	---	---	65.03	63.82	62.87	64.12	65.31	66.65
7	---	---	---	---	---	---	64.92	63.45	63.04	63.96	65.27	66.80
8	---	---	---	---	---	---	64.87	63.35	63.03	63.95	65.29	66.61
9	---	---	---	---	---	---	64.78	63.73	62.84	63.96	65.35	66.84
10	---	---	---	---	---	---	64.82	63.40	62.84	64.34	65.31	66.75
11	---	---	---	---	---	---	65.15	63.45	62.98	64.07	65.42	67.89
12	---	---	---	---	---	---	65.27	63.25	63.20	64.10	65.46	67.34
13	---	---	---	---	---	---	65.04	63.18	63.10	64.91	66.37	67.30
14	---	---	---	---	---	---	64.81	63.37	63.14	64.26	65.71	67.26
15	---	---	---	---	---	---	64.84	63.40	63.04	64.47	66.21	67.09
16	---	---	---	---	---	---	64.85	63.39	63.34	64.43	66.28	67.13
17	---	---	---	---	---	---	64.52	63.54	63.21	64.15	66.20	67.10
18	---	---	---	---	---	---	64.58	63.45	63.63	64.26	66.28	67.34
19	---	---	---	---	---	---	64.66	63.20	63.25	64.34	66.50	67.34
20	---	---	---	---	---	---	64.69	63.33	63.65	64.65	66.91	67.18
21	---	---	---	---	---	---	64.50	63.70	63.33	64.36	66.26	66.97
22	---	---	---	---	---	---	64.39	63.23	63.52	64.67	66.45	67.12
23	---	---	---	---	---	---	64.25	63.26	63.60	64.32	66.43	67.09
24	---	---	---	---	---	---	64.23	63.11	63.48	64.47	66.84	68.05
25	---	---	---	---	---	---	64.36	63.44	63.45	64.77	66.47	67.33
26	---	---	---	---	---	---	64.46	63.29	63.73	64.51	66.31	67.43
27	---	---	---	---	---	---	64.33	63.06	63.92	64.51	66.37	67.59
28	---	---	---	---	---	66.00	64.25	63.06	63.83	64.73	66.39	67.30
29	---	---	---	---	---	65.84	64.07	63.02	63.75	64.84	66.18	67.37
30	---	---	---	---	---	65.94	63.91	62.90	63.40	64.94	66.96	67.15
31	---	---	---	---	---	65.81	---	63.17	---	64.86	66.64	---
						65.56						
MEAN	---	---	---	---	---	---	64.74	63.39	63.27	64.31	65.96	67.11
MAX	---	---	---	---	---	---	65.52	63.86	63.92	64.94	66.96	68.05
MIN	---	---	---	---	---	---	63.91	62.90	62.76	63.61	64.99	66.38

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.--Paleozoic Schist.

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.

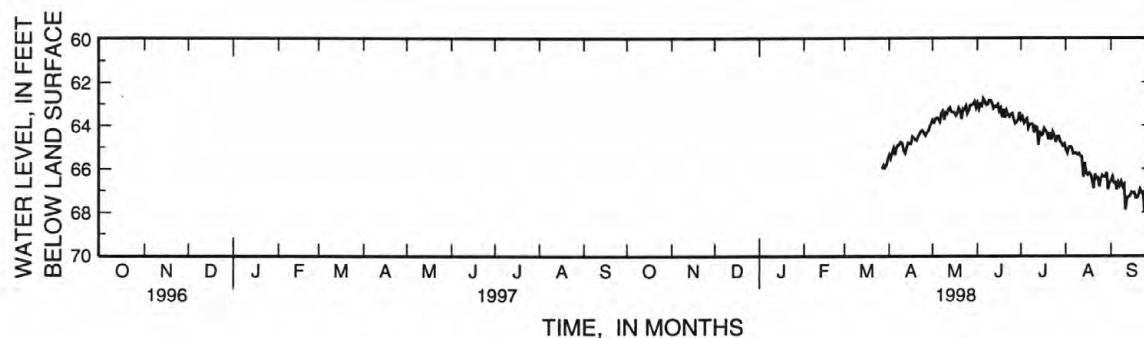
PERIOD OF RECORD.--March 1998 to September 1998.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 62.76 ft below land-surface datum, June 5, 1998; lowest, 68.05 ft below land-surface datum, Sept. 24, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	65.36	63.75	62.97	63.73	65.12	66.57
2	---	---	---	---	---	---	65.52	63.86	63.22	63.61	65.27	66.38
3	---	---	---	---	---	---	65.25	63.70	63.00	63.89	65.02	66.65
4	---	---	---	---	---	---	65.07	63.65	63.08	63.78	64.99	66.62
5	---	---	---	---	---	---	65.37	63.69	62.76	63.70	65.04	66.98
6	---	---	---	---	---	---	65.03	63.82	62.87	64.12	65.31	66.65
7	---	---	---	---	---	---	64.92	63.45	63.04	63.96	65.27	66.80
8	---	---	---	---	---	---	64.87	63.35	63.03	63.95	65.29	66.61
9	---	---	---	---	---	---	64.78	63.73	62.84	63.96	65.35	66.84
10	---	---	---	---	---	---	64.82	63.40	62.84	64.34	65.31	66.75
11	---	---	---	---	---	---	65.15	63.45	62.98	64.07	65.42	67.89
12	---	---	---	---	---	---	65.27	63.25	63.20	64.10	65.46	67.34
13	---	---	---	---	---	---	65.04	63.18	63.10	64.91	66.37	67.30
14	---	---	---	---	---	---	64.81	63.37	63.14	64.26	65.71	67.26
15	---	---	---	---	---	---	64.84	63.40	63.04	64.47	66.21	67.09
16	---	---	---	---	---	---	64.85	63.39	63.34	64.43	66.28	67.13
17	---	---	---	---	---	---	64.52	63.54	63.21	64.15	66.20	67.10
18	---	---	---	---	---	---	64.58	63.45	63.63	64.26	66.28	67.34
19	---	---	---	---	---	---	64.66	63.20	63.25	64.34	66.50	67.34
20	---	---	---	---	---	---	64.69	63.33	63.65	64.65	66.91	67.18
21	---	---	---	---	---	---	64.50	63.70	63.33	64.36	66.26	66.97
22	---	---	---	---	---	---	64.39	63.23	63.52	64.67	66.45	67.12
23	---	---	---	---	---	---	64.25	63.26	63.60	64.32	66.43	67.09
24	---	---	---	---	---	---	64.23	63.11	63.48	64.47	66.84	68.05
25	---	---	---	---	---	---	64.36	63.44	63.45	64.77	66.47	67.33
26	---	---	---	---	---	---	64.46	63.29	63.73	64.51	66.31	67.43
27	---	---	---	---	---	66.00	64.33	63.06	63.92	64.51	66.37	67.59
28	---	---	---	---	---	65.84	64.25	63.06	63.83	64.73	66.39	67.30
29	---	---	---	---	---	65.94	64.07	63.02	63.75	64.84	66.18	67.37
30	---	---	---	---	---	65.81	63.91	62.90	63.40	64.94	66.96	67.15
31	---	---	---	---	---	65.56	---	63.17	---	64.86	66.64	---
MEAN	---	---	---	---	---	---	64.74	63.39	63.27	64.31	65.96	67.11
MAX	---	---	---	---	---	---	65.52	63.86	63.92	64.94	66.96	68.05
MIN	---	---	---	---	---	---	63.91	62.90	62.76	63.61	64.99	66.38



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 Metaigneous 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.

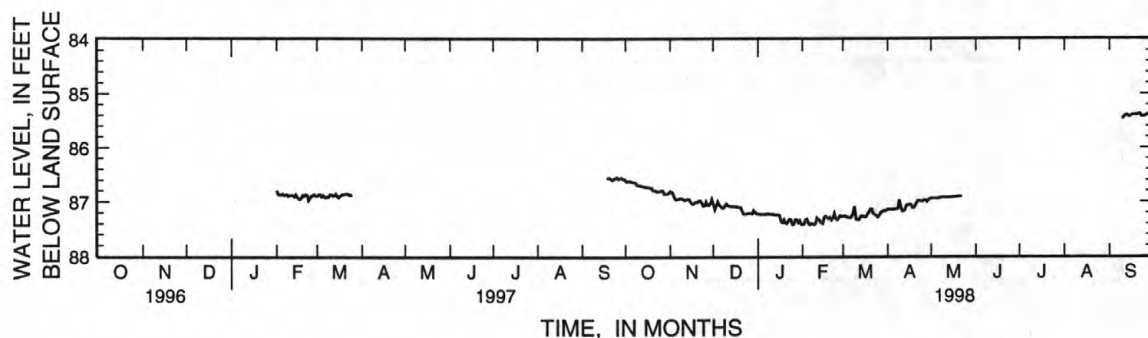
PERIOD OF RECORD.--January 1994 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86.61	86.81	87.04	87.22	87.42	87.27	87.14	86.94	---	---	---	---
2	86.63	86.82	87.14	87.23	87.41	87.26	87.14	86.94	---	---	---	---
3	86.62	86.85	87.08	87.23	87.33	87.27	87.14	86.94	---	---	---	---
4	86.62	86.92	87.00	87.23	87.32	87.29	87.14	86.94	---	---	---	---
5	86.63	86.96	87.05	87.23	87.39	87.29	87.14	86.94	---	---	---	---
6	86.64	86.96	87.08	87.23	87.42	87.30	87.14	86.94	---	---	---	---
7	86.64	86.94	87.11	87.23	87.40	87.27	87.13	86.93	---	---	---	---
8	86.65	86.94	87.11	87.22	87.41	87.21	87.12	86.92	---	---	---	---
9	86.69	86.94	87.08	87.23	87.42	87.09	86.97	86.92	---	---	---	---
10	86.70	86.95	87.04	87.23	87.40	87.32	87.10	86.92	---	---	---	85.47
11	86.70	86.97	87.07	87.23	87.30	87.33	87.17	86.92	---	---	---	85.43
12	86.71	86.96	87.08	87.24	87.32	87.33	87.17	86.92	---	---	---	85.41
13	86.72	86.95	87.08	87.24	87.35	87.28	87.14	86.92	---	---	---	85.40
14	86.72	86.95	87.09	87.24	87.39	87.26	87.06	86.92	---	---	---	85.42
15	86.73	86.99	87.09	87.24	87.40	87.27	87.06	86.92	---	---	---	85.43
16	86.73	87.03	87.09	87.25	87.29	87.28	87.05	86.91	---	---	---	85.41
17	86.73	87.04	87.09	87.36	87.27	87.27	87.05	86.91	---	---	---	85.39
18	86.74	87.02	87.10	87.38	87.29	87.23	87.11	86.91	---	---	---	85.39
19	86.74	87.00	87.10	87.33	87.31	87.19	87.11	86.91	---	---	---	85.39
20	86.79	87.01	87.10	87.39	87.29	87.14	87.07	86.90	---	---	---	85.39
21	86.80	86.98	87.17	87.40	87.33	87.14	87.02	86.90	---	---	---	85.38
22	86.80	86.98	87.22	87.36	87.30	87.22	86.98	86.90	---	---	---	85.38
23	86.82	87.02	87.22	87.32	87.22	87.24	86.98	---	---	---	---	85.42
24	86.81	87.08	87.22	87.33	87.31	87.25	86.99	---	---	---	---	85.43
25	86.81	87.07	87.21	87.42	87.33	87.28	86.99	---	---	---	---	85.42
26	86.80	87.00	87.21	87.41	87.30	87.25	86.97	---	---	---	---	85.41
27	86.80	87.06	87.21	87.33	87.26	87.21	86.97	---	---	---	---	85.39
28	86.86	87.06	87.22	87.33	87.27	87.18	87.00	---	---	---	---	85.38
29	86.86	87.03	87.16	87.38	---	87.17	86.97	---	---	---	---	85.38
30	86.86	86.96	87.19	87.35	---	87.17	86.95	---	---	---	---	85.38
31	86.84	---	87.22	87.41	---	87.16	---	---	---	---	---	---
MEAN	86.74	86.97	87.12	87.30	87.34	87.24	87.07	---	---	---	---	---
MAX	86.86	87.08	87.22	87.42	87.42	87.33	87.17	---	---	---	---	---
MIN	86.61	86.81	87.00	87.22	87.22	87.09	86.95	---	---	---	---	---



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.--Santee Limestone Formation.

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 platform, 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.

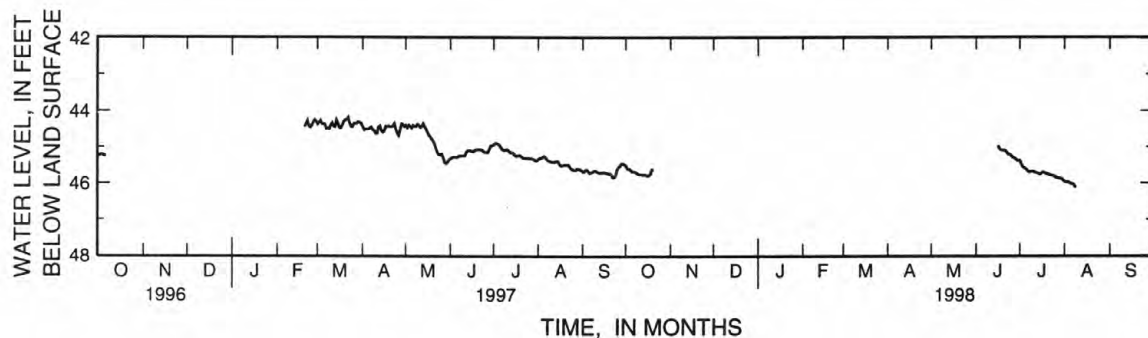
PERIOD OF RECORD.--August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 36.79 below land-surface datum, May 14, 1978; lowest 46.11 ft below land-surface datum, Aug. 8, 9, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45.52	---	---	---	---	---	---	---	---	45.38	45.97	---
2	45.60	---	---	---	---	---	---	---	---	45.48	45.98	---
3	45.61	---	---	---	---	---	---	---	---	45.56	45.98	---
4	45.62	---	---	---	---	---	---	---	---	45.59	45.99	---
5	45.68	---	---	---	---	---	---	---	---	45.60	46.02	---
6	45.68	---	---	---	---	---	---	---	---	45.65	46.03	---
7	45.69	---	---	---	---	---	---	---	---	45.69	46.04	---
8	45.71	---	---	---	---	---	---	---	---	45.70	46.11	---
9	45.74	---	---	---	---	---	---	---	---	45.68	46.11	---
10	45.76	---	---	---	---	---	---	---	---	45.68	---	---
11	45.76	---	---	---	---	---	---	---	---	45.70	---	---
12	45.77	---	---	---	---	---	---	---	---	45.71	---	---
13	45.78	---	---	---	---	---	---	---	---	45.73	---	---
14	45.77	---	---	---	---	---	---	---	---	45.75	---	---
15	45.78	---	---	---	---	---	---	---	---	45.76	---	---
16	45.80	---	---	---	---	---	---	---	44.97	45.74	---	---
17	45.79	---	---	---	---	---	---	---	45.05	45.70	---	---
18	45.76	---	---	---	---	---	---	---	45.09	45.71	---	---
19	45.63	---	---	---	---	---	---	---	45.10	45.75	---	---
20	45.63	---	---	---	---	---	---	---	45.09	45.75	---	---
21	---	---	---	---	---	---	---	---	45.11	45.77	---	---
22	---	---	---	---	---	---	---	---	45.16	45.79	---	---
23	---	---	---	---	---	---	---	---	45.20	45.79	---	---
24	---	---	---	---	---	---	---	---	45.20	45.80	---	---
25	---	---	---	---	---	---	---	---	45.24	45.83	---	---
26	---	---	---	---	---	---	---	---	45.29	45.85	---	---
27	---	---	---	---	---	---	---	---	45.30	45.86	---	---
28	---	---	---	---	---	---	---	---	45.34	45.87	---	---
29	---	---	---	---	---	---	---	---	45.38	45.88	---	---
30	---	---	---	---	---	---	---	---	45.38	45.89	---	---
31	---	---	---	---	---	---	---	---	---	45.93	---	---
MEAN	---	---	---	---	---	---	---	---	---	45.73	---	---
MAX	---	---	---	---	---	---	---	---	---	45.93	---	---
MIN	---	---	---	---	---	---	---	---	---	45.38	---	---



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.--Middendorf Formation.

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.

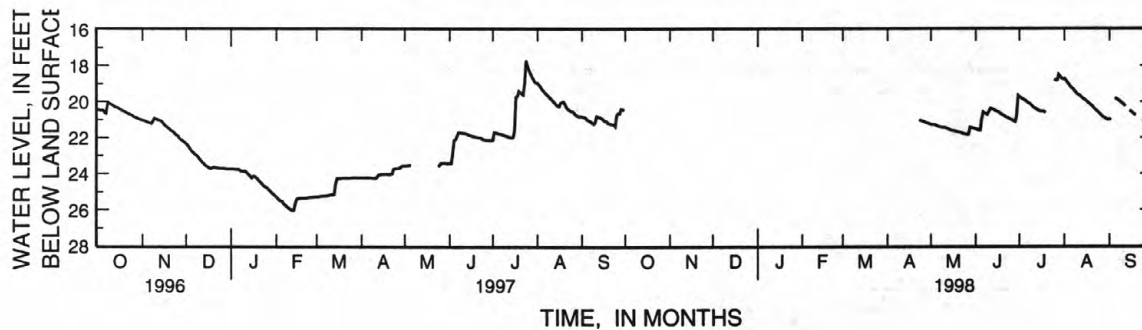
PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 26.04 ft below land-surface datum, Feb. 12, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	21.27	21.51	19.73	18.72	20.97
2	---	---	---	---	---	---	---	21.27	21.55	19.78	18.83	21.02
3	---	---	---	---	---	---	---	21.27	21.60	19.84	18.93	---
4	---	---	---	---	---	---	---	21.30	21.59	19.89	19.04	---
5	---	---	---	---	---	---	---	21.34	20.97	19.93	19.15	19.78
6	---	---	---	---	---	---	---	21.38	20.59	20.00	19.24	19.85
7	---	---	---	---	---	---	---	21.41	20.63	20.06	19.31	19.90
8	---	---	---	---	---	---	---	21.43	20.66	20.11	19.40	19.97
9	---	---	---	---	---	---	---	21.43	20.70	20.17	19.52	20.03
10	---	---	---	---	---	---	---	21.44	20.52	20.26	19.58	20.11
11	---	---	---	---	---	---	---	21.46	20.36	20.33	19.62	20.18
12	---	---	---	---	---	---	---	21.48	20.39	20.36	19.70	20.25
13	---	---	---	---	---	---	---	21.53	20.43	20.42	19.77	---
14	---	---	---	---	---	---	---	21.56	20.47	20.47	19.84	---
15	---	---	---	---	---	---	---	21.59	20.52	20.51	19.89	20.49
16	---	---	---	---	---	---	---	21.62	20.56	20.54	19.95	20.56
17	---	---	---	---	---	---	---	21.63	20.60	20.52	20.03	20.62
18	---	---	---	---	---	---	---	21.65	20.66	20.56	20.10	20.68
19	---	---	---	---	---	---	---	21.68	20.73	20.62	20.18	20.74
20	---	---	---	---	---	---	---	21.69	20.77	---	20.22	---
21	---	---	---	---	---	---	---	21.71	20.82	---	20.33	---
22	---	---	---	---	---	---	---	21.73	20.87	---	20.43	---
23	---	---	---	---	---	---	---	21.78	20.91	---	20.50	---
24	---	---	---	---	---	---	21.01	21.80	20.95	---	20.57	21.04
25	---	---	---	---	---	---	21.06	21.81	20.99	18.76	20.64	21.12
26	---	---	---	---	---	---	21.09	21.85	21.03	18.80	20.72	21.18
27	---	---	---	---	---	---	21.11	21.85	21.08	18.81	20.82	21.22
28	---	---	---	---	---	---	21.15	21.43	21.12	18.51	20.86	21.28
29	---	---	---	---	---	---	21.18	21.45	20.82	18.60	20.93	21.30
30	---	---	---	---	---	---	21.21	21.47	19.66	18.70	20.98	21.31
31	---	---	---	---	---	---	21.24	21.50	---	18.75	21.01	---
MEAN	---	---	---	---	---	---	---	21.54	20.80	---	19.96	---
MAX	---	---	---	---	---	---	---	21.85	21.60	---	21.01	---
MIN	---	---	---	---	---	---	---	21.27	19.66	---	18.72	---



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.

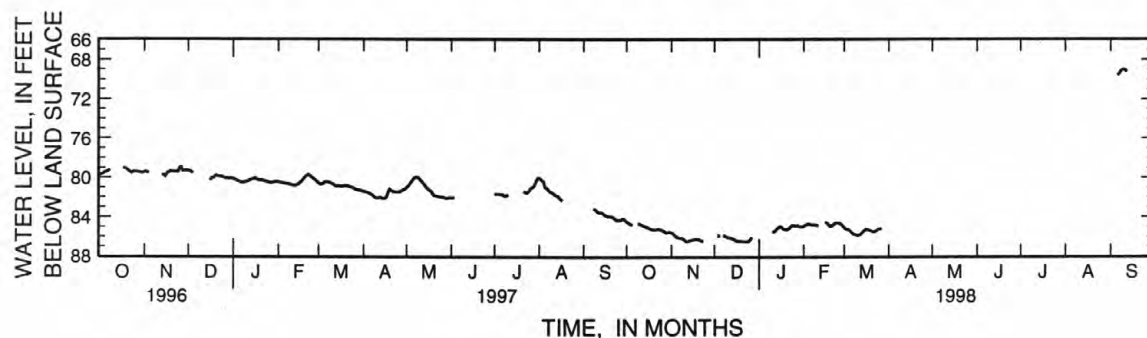
PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 91.12 ft below land-surface datum, Aug. 25, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84.50	85.61	---	---	84.96	85.12	---	---	---	---	---	---
2	84.59	85.67	---	---	84.86	85.28	---	---	---	---	---	---
3	84.68	85.83	85.92	---	84.81	85.28	---	---	---	---	---	---
4	84.77	85.99	85.92	---	84.73	85.30	---	---	---	---	---	---
5	84.81	86.10	85.92	---	84.76	85.44	---	---	---	---	---	---
6	---	86.13	---	---	84.81	85.61	---	---	---	---	---	69.59
7	---	86.14	85.92	---	84.81	85.74	---	---	---	---	---	69.41
8	---	86.15	85.93	---	84.81	85.81	---	---	---	---	---	69.18
9	84.70	86.22	86.02	---	84.82	85.83	---	---	---	---	---	69.04
10	84.74	86.34	86.10	85.54	84.88	85.88	---	---	---	---	---	69.01
11	84.79	86.47	86.13	85.54	84.92	85.87	---	---	---	---	---	69.03
12	84.87	86.52	86.17	85.46	---	85.83	---	---	---	---	---	69.22
13	84.92	86.45	86.21	85.28	---	85.69	---	---	---	---	---	---
14	84.99	86.40	86.22	85.14	---	85.50	---	---	---	---	---	---
15	85.05	86.37	86.36	85.02	---	85.39	---	---	---	---	---	---
16	85.11	86.31	86.46	84.97	84.60	85.29	---	---	---	---	---	---
17	85.17	86.29	86.47	85.10	84.60	85.30	---	---	---	---	---	---
18	85.26	86.27	86.46	85.26	84.75	85.34	---	---	---	---	---	---
19	85.26	86.27	86.51	85.28	84.94	85.37	---	---	---	---	---	---
20	85.31	86.30	86.50	85.30	84.95	85.47	---	---	---	---	---	---
21	85.31	86.40	86.52	85.28	84.88	85.53	---	---	---	---	---	---
22	85.29	86.44	86.52	85.19	84.74	85.52	---	---	---	---	---	---
23	85.25	86.50	86.52	84.98	84.64	85.46	---	---	---	---	---	---
24	85.27	---	86.52	84.89	84.64	85.30	---	---	---	---	---	---
25	85.33	---	86.47	84.90	84.64	85.24	---	---	---	---	---	---
26	85.42	---	86.30	84.94	84.65	85.24	---	---	---	---	---	---
27	85.47	---	86.09	84.92	84.80	85.24	---	---	---	---	---	---
28	85.59	---	---	84.92	84.93	---	---	---	---	---	---	---
29	85.60	---	---	84.99	---	---	---	---	---	---	---	---
30	85.58	---	---	85.03	---	---	---	---	---	---	---	---
31	85.58	---	---	84.97	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---



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.

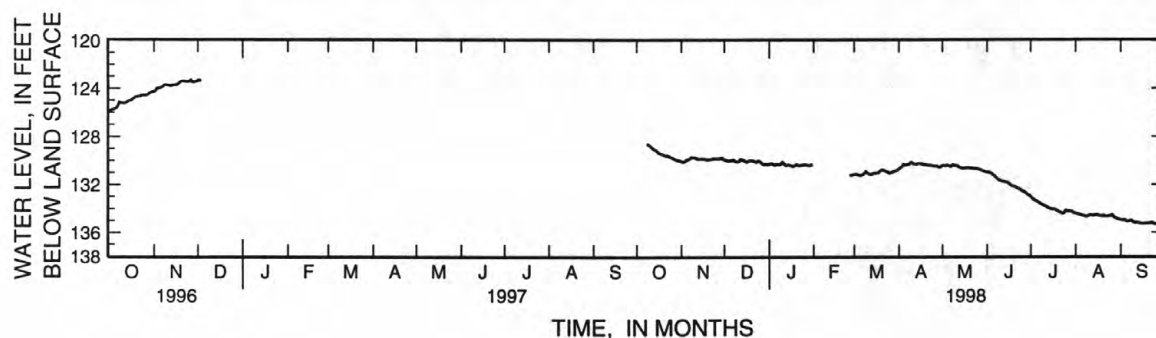
PERIOD OF RECORD.--June 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 135.32 ft below land-surface datum, Sept. 25, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	130.06	129.93	130.29	---	131.16	130.67	130.42	130.96	133.02	134.42	134.94
2	---	130.11	129.97	130.26	---	131.13	130.60	130.42	130.98	133.16	134.45	134.99
3	---	130.10	130.03	130.25	---	131.16	130.49	130.44	131.02	133.27	134.47	134.94
4	---	130.03	130.02	130.33	---	131.22	130.32	130.39	131.11	133.34	134.51	134.99
5	---	129.91	130.01	130.36	---	131.23	130.36	130.42	131.19	133.39	134.56	135.08
6	---	129.90	129.99	130.30	---	131.22	130.34	130.48	131.29	133.46	134.59	135.09
7	---	129.82	129.93	130.32	---	131.17	130.32	130.48	131.41	133.56	134.63	135.05
8	128.61	129.72	130.05	130.33	---	131.06	130.29	130.37	131.54	133.64	134.67	135.01
9	128.68	129.74	130.09	130.29	---	130.93	130.16	130.43	131.64	133.69	134.64	135.10
10	128.77	129.76	130.10	130.15	---	131.04	130.20	130.42	131.68	133.74	134.57	135.17
11	128.87	129.79	130.06	130.23	---	131.11	130.27	130.43	131.74	133.79	134.55	135.20
12	128.98	129.85	129.89	130.39	---	131.15	130.29	130.51	131.78	133.87	134.57	135.19
13	129.07	129.85	129.90	130.42	---	131.15	130.30	130.59	131.78	133.95	134.57	135.20
14	129.10	129.85	129.98	130.35	---	131.08	130.25	130.63	131.80	134.00	134.55	135.25
15	129.22	129.85	130.05	130.38	---	131.04	130.24	130.65	131.83	134.03	134.53	135.28
16	129.34	129.86	130.11	130.43	---	131.05	130.26	130.64	131.93	134.06	134.55	135.28
17	129.40	129.87	130.08	130.46	---	131.05	130.30	130.62	132.04	134.04	134.59	135.27
18	129.45	129.89	130.02	130.47	---	130.97	130.35	130.60	132.12	134.10	134.62	135.26
19	129.49	129.92	130.00	130.38	---	130.83	130.33	130.62	132.15	134.17	134.64	135.26
20	129.55	129.91	130.02	130.34	---	130.79	130.36	130.63	132.17	134.24	134.59	135.27
21	129.60	129.88	130.05	130.40	---	130.78	130.40	130.62	132.25	134.32	134.66	135.23
22	129.57	129.87	130.10	130.42	---	130.84	130.39	130.66	132.32	134.37	134.65	135.18
23	129.63	129.84	130.13	130.39	---	130.91	130.40	130.67	132.38	134.40	134.64	135.24
24	129.69	129.82	130.04	130.36	---	130.95	130.44	130.69	132.45	134.34	134.63	135.31
25	129.76	129.83	130.04	130.37	---	131.04	130.47	130.69	132.54	134.16	134.62	135.32
26	129.81	129.85	130.16	130.36	131.25	131.04	130.46	130.72	132.60	134.21	134.55	135.30
27	129.86	129.84	130.24	130.36	131.22	130.98	130.46	130.77	132.66	134.22	134.68	135.26
28	129.92	129.83	130.32	130.40	131.18	130.92	130.54	130.81	132.76	134.21	134.78	135.23
29	129.97	129.78	130.32	130.42	---	130.88	130.57	130.86	132.86	134.26	134.84	135.22
30	130.02	129.88	130.31	130.37	---	130.83	130.50	130.91	132.91	134.33	134.90	135.20
31	130.02	---	130.33	130.36	---	130.77	---	130.95	---	134.38	134.93	---
MEAN	---	129.87	130.07	130.35	---	131.02	130.38	130.60	131.93	133.93	134.62	135.18
MAX	---	130.11	130.33	130.47	---	131.23	130.67	130.95	132.91	134.40	134.93	135.32
MIN	---	129.72	129.89	130.15	---	130.77	130.16	130.37	130.96	133.02	134.42	134.94



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.--Rocks of Paleozoic to Precambrian age.

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.

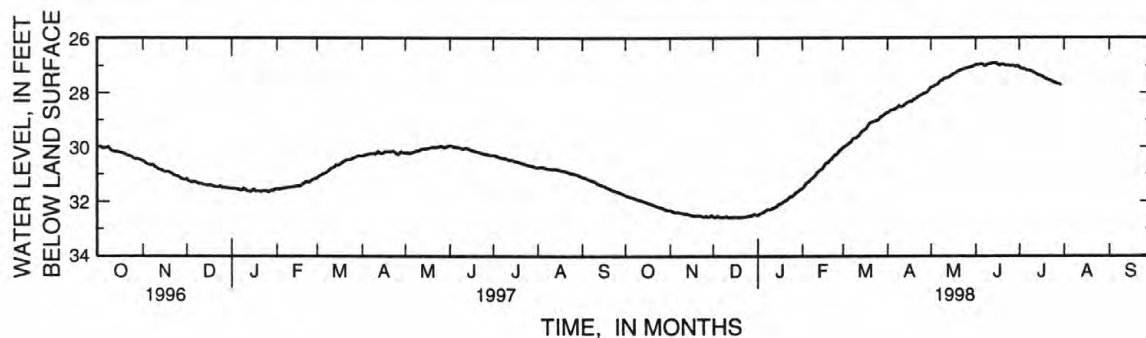
REMARKS.--Geophysical logs available in District files.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.78	32.32	32.56	32.51	31.52	30.03	28.73	27.80	26.97	27.06	---	---
2	31.80	32.34	32.59	32.47	31.47	29.98	28.71	27.79	26.97	27.11	---	---
3	31.82	32.37	32.57	32.44	31.38	29.96	28.66	27.76	26.96	27.12	---	---
4	31.84	32.40	32.54	32.42	31.31	29.92	28.64	27.72	26.95	27.11	---	---
5	31.85	32.41	32.57	32.39	31.30	29.88	28.64	27.71	26.94	27.14	---	---
6	31.87	32.40	32.58	32.36	31.25	29.85	28.61	27.67	26.96	27.17	---	---
7	31.89	32.40	32.59	32.32	31.19	29.79	28.58	27.60	27.01	27.18	---	---
8	31.91	32.42	32.59	32.29	31.14	29.70	28.54	27.54	27.00	27.18	---	---
9	31.93	32.43	32.57	32.30	31.09	29.67	28.48	27.54	26.96	27.20	---	---
10	31.94	32.44	32.55	32.29	31.04	29.68	28.52	27.48	26.94	27.23	---	---
11	31.96	32.46	32.59	32.26	30.95	29.63	28.52	27.46	26.94	27.26	---	---
12	31.98	32.47	32.60	32.24	30.91	29.59	28.49	27.45	26.92	27.28	---	---
13	31.99	32.46	32.58	32.21	30.86	29.51	28.44	27.44	26.90	27.32	---	---
14	32.01	32.47	32.58	32.19	30.83	29.44	28.39	27.41	26.90	27.35	---	---
15	32.03	32.50	32.59	32.12	30.79	29.40	28.36	27.37	26.90	27.37	---	---
16	32.05	32.52	32.58	32.09	30.70	29.37	28.33	27.33	26.95	27.38	---	---
17	32.06	32.53	32.57	32.08	30.61	29.32	28.33	27.30	26.99	27.40	---	---
18	32.08	32.52	32.59	32.05	30.59	29.25	28.32	27.28	26.98	27.44	---	---
19	32.10	32.53	32.59	32.00	30.55	29.17	28.25	27.24	26.95	27.47	---	---
20	32.13	32.53	32.58	31.98	30.49	29.11	28.24	27.20	26.96	27.50	---	---
21	32.15	32.53	32.59	31.95	30.45	29.09	28.21	27.17	26.98	27.53	---	---
22	32.17	32.53	32.58	31.90	30.39	29.08	28.15	27.16	27.00	27.54	---	---
23	32.19	32.55	32.57	31.85	30.31	29.06	28.12	27.14	26.99	27.56	---	---
24	32.20	32.57	32.56	31.82	30.29	29.04	28.10	27.13	27.00	27.59	---	---
25	32.22	32.56	32.55	31.81	30.25	29.03	28.07	27.10	27.01	27.62	---	---
26	32.23	32.54	32.55	31.77	30.19	28.98	28.03	27.09	27.00	27.64	---	---
27	32.25	32.57	32.52	31.70	30.12	28.91	28.01	27.08	27.00	27.66	---	---
28	32.29	32.57	32.53	31.67	30.08	28.87	28.00	27.07	27.03	27.67	---	---
29	32.30	32.55	32.47	31.63	---	28.84	27.95	27.04	27.03	27.70	---	---
30	32.32	32.52	32.47	31.59	---	28.80	27.87	27.03	27.01	27.72	---	---
31	32.32	---	32.50	31.56	---	28.76	---	26.99	---	---	---	---
MEAN	32.05	32.48	32.56	32.07	30.79	29.38	28.34	27.36	26.97	---	---	---
MAX	32.32	32.57	32.60	32.51	31.52	30.03	28.73	27.80	27.03	---	---	---
MIN	31.78	32.32	32.47	31.56	30.08	28.76	27.87	26.99	26.90	---	---	---



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.

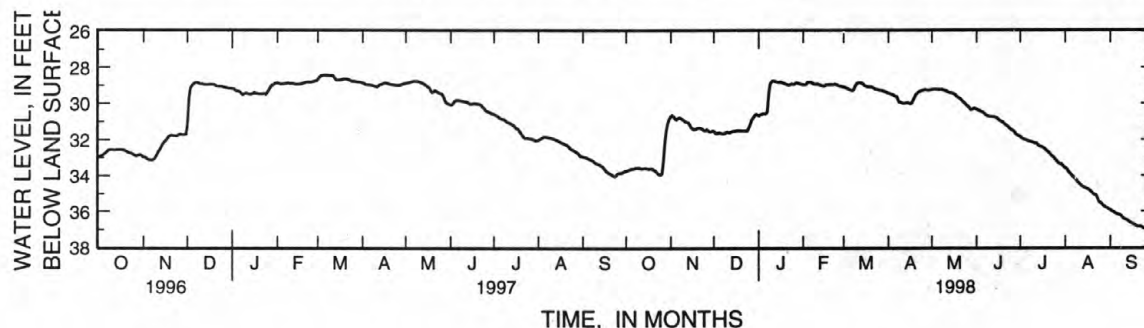
REMARKS.--Geophysical logs available in District files.

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, 37.14 ft below land-surface datum, Sept. 29, 30, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.71	30.70	31.53	30.67	28.94	29.07	29.42	29.22	30.32	31.85	33.56	35.92
2	33.69	30.65	31.64	30.62	28.96	29.10	29.46	29.21	30.37	31.92	33.63	35.98
3	33.65	30.71	31.66	30.59	28.93	29.15	29.50	29.22	30.41	31.97	33.75	36.02
4	33.62	30.84	31.61	30.55	28.81	29.19	29.51	29.22	30.46	31.99	33.86	36.07
5	33.60	30.88	31.62	30.55	28.80	29.22	29.58	29.22	30.48	32.02	33.94	36.13
6	33.59	30.81	31.65	30.54	28.80	29.26	29.61	29.23	30.53	32.07	34.04	36.17
7	33.56	30.78	31.67	30.44	28.83	29.29	29.65	29.22	30.62	32.10	34.12	36.19
8	33.55	30.81	31.67	29.41	28.90	29.23	29.91	29.22	30.68	32.11	34.19	36.22
9	33.55	30.87	31.62	28.90	28.91	29.03	29.92	29.27	30.71	32.14	34.31	36.32
10	33.55	30.92	31.57	28.77	28.92	28.90	29.96	29.29	30.72	32.17	34.41	36.40
11	33.57	30.99	31.59	28.73	28.91	28.85	30.00	29.32	30.73	32.21	34.48	36.44
12	33.59	31.04	31.60	28.75	28.94	28.84	30.00	29.37	30.74	32.19	34.56	36.47
13	33.57	31.04	31.56	28.77	28.98	28.85	29.98	29.40	30.75	32.29	34.63	36.51
14	33.57	31.14	31.53	28.82	29.01	28.87	29.96	29.41	30.78	32.36	34.67	36.57
15	33.57	31.31	31.54	28.80	29.03	28.98	29.99	29.44	30.82	32.39	34.71	36.64
16	33.59	31.37	31.52	28.79	29.01	29.02	30.02	29.47	30.90	32.42	34.75	36.67
17	33.60	31.43	31.48	28.83	28.95	29.06	29.98	29.51	30.96	32.46	34.78	36.71
18	33.59	31.42	31.48	28.86	28.94	29.07	29.83	29.60	31.00	32.53	34.85	36.75
19	33.59	31.37	31.52	28.88	28.95	29.07	29.65	29.66	31.05	32.60	34.92	36.82
20	33.65	31.35	31.51	28.92	28.93	29.07	29.51	29.72	31.13	32.68	35.01	36.85
21	33.70	31.35	31.51	28.96	28.94	29.10	29.42	29.78	31.19	32.75	35.07	36.85
22	33.76	31.36	31.52	28.97	28.94	29.17	29.36	29.87	31.26	32.85	35.10	36.85
23	33.87	31.42	31.52	28.94	28.91	29.21	29.32	29.95	31.34	32.92	35.24	36.89
24	33.91	31.48	31.50	28.90	28.95	29.21	29.29	30.03	31.40	33.00	35.45	36.95
25	33.92	31.50	31.36	28.93	28.99	29.24	29.26	30.11	31.47	33.09	35.52	36.97
26	33.86	31.44	31.17	28.91	29.03	29.26	29.23	30.17	31.52	33.18	35.57	36.99
27	33.05	31.50	30.93	28.85	29.04	29.27	29.24	30.27	31.59	33.27	35.66	36.99
28	32.10	31.56	30.80	28.85	29.06	29.30	29.26	30.34	31.71	33.34	35.73	37.07
29	31.42	31.56	30.68	28.89	---	29.33	29.27	30.33	31.77	33.34	35.78	37.14
30	31.04	31.51	30.59	28.90	---	29.36	29.24	30.28	31.79	33.42	35.82	37.14
31	30.84	---	30.61	28.93	---	29.41	---	30.29	---	33.52	35.88	---
MEAN	33.34	31.17	31.41	29.27	28.94	29.13	29.61	29.63	30.97	32.55	34.77	36.59
MAX	33.92	31.56	31.67	30.67	29.06	29.41	30.02	30.34	31.79	33.52	35.88	37.14
MIN	30.84	30.65	30.59	28.73	28.80	28.84	29.23	29.21	30.32	31.85	33.56	35.92



HAMPTON COUNTY

531

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.--Ocala Limestone Formation.

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.--Water-stage recorder--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, Aug. 1993, original depth 190 ft.

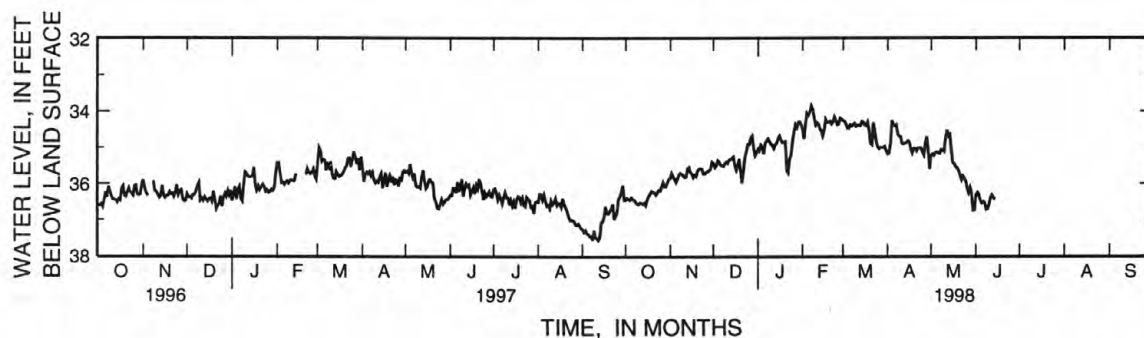
PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 38.09 ft below land-surface datum, June 27, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.45	35.84	35.43	35.04	34.51	34.25	35.18	35.22	36.32	---	---	---
2	36.40	35.71	35.54	35.09	34.75	34.27	35.16	35.18	36.25	---	---	---
3	36.43	35.81	35.50	34.93	34.33	34.34	34.89	35.22	36.30	---	---	---
4	36.45	35.86	35.36	34.99	34.05	34.46	34.25	35.15	36.47	---	---	---
5	36.39	35.95	35.39	35.17	34.10	34.47	34.37	35.13	36.54	---	---	---
6	36.44	35.87	35.48	34.88	34.02	34.37	34.40	35.16	36.49	---	---	---
7	36.45	35.75	35.50	34.81	33.85	34.40	34.37	35.17	36.52	---	---	---
8	36.51	35.71	35.51	34.76	33.95	34.36	34.64	35.06	36.71	---	---	---
9	36.55	35.73	35.44	34.82	34.17	34.33	34.68	35.08	36.70	---	---	---
10	36.57	35.78	35.40	34.90	34.37	34.41	34.71	35.11	36.58	---	---	---
11	36.52	35.82	35.43	34.93	34.31	34.38	34.88	34.73	36.38	---	---	---
12	36.53	35.81	35.34	35.02	34.35	34.38	34.90	34.53	36.32	---	---	---
13	36.56	35.58	35.33	34.92	34.48	34.39	34.88	34.69	36.39	---	---	---
14	36.53	35.54	35.29	34.88	34.55	34.28	34.87	34.65	36.43	---	---	---
15	36.59	35.68	35.26	34.74	34.67	34.30	34.82	35.10	---	---	---	---
16	36.43	35.71	35.49	34.68	34.51	34.38	34.85	35.42	---	---	---	---
17	36.35	35.82	35.62	34.79	34.22	34.39	35.05	35.45	---	---	---	---
18	36.28	35.76	35.51	34.86	34.30	34.30	35.15	35.53	---	---	---	---
19	36.21	35.79	35.32	34.84	34.30	34.52	35.03	35.57	---	---	---	---
20	36.23	35.64	35.64	34.83	34.27	34.88	35.03	35.64	---	---	---	---
21	36.24	35.59	35.97	35.63	34.34	34.92	35.10	35.76	---	---	---	---
22	36.30	35.58	35.67	35.69	34.29	34.32	35.02	35.89	---	---	---	---
23	36.24	35.59	35.27	35.31	34.15	34.56	35.01	35.79	---	---	---	---
24	36.18	35.72	35.10	35.22	34.24	34.84	35.01	35.86	---	---	---	---
25	36.19	35.72	34.91	34.81	34.36	34.98	35.13	35.92	---	---	---	---
26	36.09	35.68	34.91	34.58	34.35	35.03	35.21	36.14	---	---	---	---
27	35.97	35.66	34.74	34.37	34.19	34.99	34.88	36.25	---	---	---	---
28	36.07	35.64	34.68	34.45	34.21	35.00	34.71	36.11	---	---	---	---
29	36.07	35.59	34.99	34.30	---	35.00	35.07	36.24	---	---	---	---
30	35.96	35.40	35.22	34.29	---	34.97	35.59	36.73	---	---	---	---
31	35.88	---	35.16	34.37	---	35.09	---	36.72	---	---	---	---
MEAN	36.32	35.71	35.34	34.87	34.29	34.57	34.89	35.49	---	---	---	---
MAX	36.59	35.95	35.97	35.69	34.75	35.09	35.59	36.73	---	---	---	---
MIN	35.88	35.40	34.68	34.29	33.85	34.25	34.25	34.53	---	---	---	---



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.

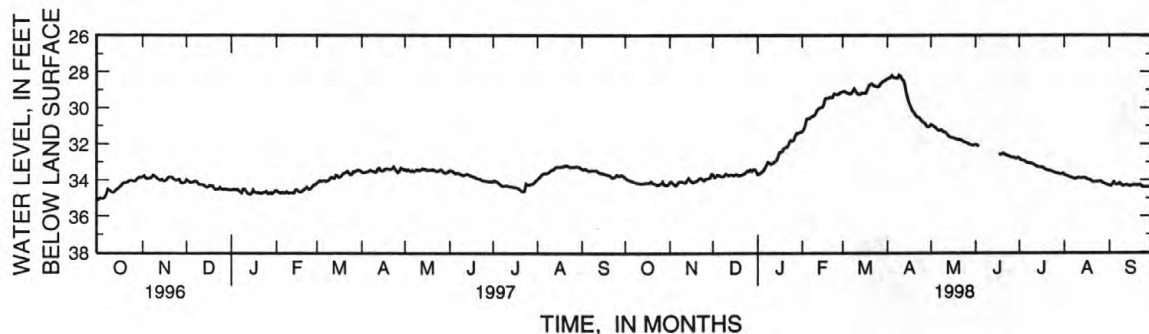
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 28.19 ft below land-surface datum, Apr. 9, 1998; lowest, 36.77 ft below land-surface datum, Jan. 10, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.88	34.12	33.69	33.69	31.31	29.11	28.38	30.94	32.04	32.81	33.71	34.30
2	33.96	34.10	33.84	33.66	31.22	29.08	28.37	30.98	32.08	32.89	33.76	34.32
3	33.98	34.18	33.82	33.60	30.98	29.11	28.32	31.04	32.13	32.91	33.78	34.23
4	34.01	34.24	33.71	33.54	30.66	29.17	28.21	31.08	---	32.92	33.81	34.13
5	34.05	34.31	33.73	33.47	30.59	29.20	28.30	31.17	---	32.96	33.84	34.23
6	34.08	34.23	33.77	33.34	30.60	29.23	28.33	31.25	---	33.03	33.86	34.26
7	34.11	34.13	33.81	33.18	30.53	29.20	28.35	31.26	---	33.06	33.89	34.23
8	34.14	34.08	33.81	33.02	30.47	29.07	28.35	31.22	---	33.06	33.92	34.18
9	34.17	34.09	33.74	33.05	30.44	28.94	28.19	31.30	---	33.07	33.92	34.26
10	34.18	34.12	33.66	33.11	30.37	29.08	28.25	31.33	---	33.10	33.87	34.32
11	34.18	34.15	33.71	33.08	30.19	29.18	28.41	31.36	---	33.15	33.86	34.31
12	34.20	34.15	33.74	33.05	30.06	29.25	28.49	31.45	---	33.19	33.89	34.28
13	34.20	34.01	33.71	32.96	30.02	29.25	28.72	31.56	---	33.23	33.87	34.27
14	34.18	33.90	33.70	32.91	29.97	29.18	29.19	31.62	---	33.27	33.87	34.31
15	34.17	34.00	33.74	32.71	29.97	29.18	29.52	31.65	---	33.29	33.87	34.33
16	34.16	34.07	33.72	32.47	29.80	29.19	29.77	31.66	---	33.29	33.91	34.32
17	34.17	34.14	33.68	32.45	29.49	29.17	29.95	31.68	32.55	33.30	33.97	34.29
18	34.16	34.11	33.72	32.42	29.46	29.01	30.15	31.71	32.59	33.36	33.99	34.27
19	34.10	34.06	33.75	32.26	29.47	28.81	30.23	31.76	32.55	33.41	34.01	34.28
20	34.17	34.04	33.72	32.22	29.42	28.71	30.36	31.77	32.52	33.45	34.09	34.30
21	34.20	33.96	33.72	32.20	29.44	28.67	30.48	31.76	32.58	33.46	34.11	34.29
22	34.22	33.89	33.67	32.11	29.42	28.73	30.52	31.81	32.63	33.49	34.09	34.26
23	34.29	33.91	33.64	31.90	29.22	28.79	30.57	31.85	32.66	33.50	34.08	34.34
24	34.26	34.00	33.55	31.80	29.23	28.80	30.67	31.90	32.69	33.54	34.08	34.39
25	34.25	34.02	33.48	31.84	29.27	28.84	30.77	31.92	32.74	33.58	34.09	34.40
26	34.20	33.92	33.52	31.80	29.26	28.80	30.82	31.95	32.74	33.61	34.06	34.40
27	34.10	33.93	33.43	31.56	29.18	28.69	30.88	32.00	32.74	33.62	34.13	34.40
28	34.24	33.91	33.51	31.41	29.13	28.60	31.02	32.04	32.79	33.64	34.19	34.39
29	34.28	33.86	33.41	31.42	---	28.54	31.07	32.07	32.81	33.66	34.21	34.40
30	34.29	33.67	33.41	31.34	---	28.49	31.03	32.08	32.75	33.66	34.24	34.40
31	34.24	---	33.54	31.34	---	28.45	---	32.06	---	33.63	34.27	---
MEAN	34.16	34.04	33.67	32.55	29.97	28.95	29.52	31.59	---	33.29	33.98	34.30
MAX	34.29	34.31	33.84	33.69	31.31	29.25	31.07	32.08	---	33.66	34.27	34.40
MIN	33.88	33.67	33.41	31.34	29.13	28.45	28.19	30.94	---	32.81	33.71	34.13



WELL NUMBER.--342948081451001. Local number, LAU-52.

LOCATION.--Lat 34°29'48", long 81°45'10", Hydrologic Unit 03050108, Indian Creek Station, 70 meter southeast, of Tip Top Fire Tower, near Whitmire. Owner: U.S. Forest Service.

AQUIFER.--Paleozoic Granite Gneiss/Precambrian Granite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 194 ft, cased depth 16 ft. Screened interval 16 to 194 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 575 ft above sea level. Measuring point: Top of casing, 0.30 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files.

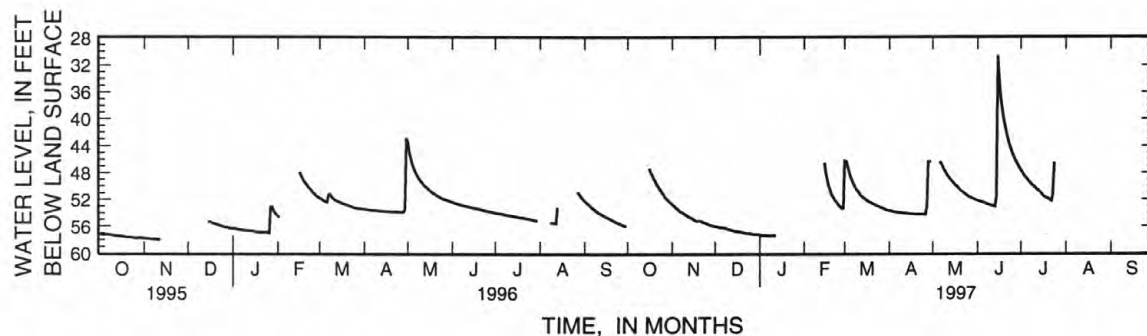
PERIOD OF RECORD.--October 1995 to September 1997 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 30.66 ft below land-surface datum, June 15, 1997; lowest, 57.97 ft below land-surface datum, Nov. 10, 11, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	52.59	56.01	57.30	---	---	53.69	---	52.21	47.76	---	---
2	---	52.75	56.03	57.34	---	---	53.73	---	52.28	48.07	---	---
3	---	52.97	56.10	57.34	---	47.07	53.79	---	52.36	48.44	---	---
4	---	53.17	56.16	57.35	---	47.95	53.84	---	52.42	48.73	---	---
5	---	53.34	56.20	57.36	---	48.66	53.90	---	52.50	48.99	---	---
6	---	53.56	56.21	57.37	---	49.22	53.92	---	52.57	49.27	---	---
7	---	53.71	56.23	57.39	---	49.74	53.95	46.76	52.66	49.54	---	---
8	---	53.80	56.25	57.41	---	50.15	53.98	47.27	52.75	49.80	---	---
9	---	53.94	56.37	57.40	---	50.55	54.01	47.70	52.83	50.01	---	---
10	---	54.06	56.46	57.36	---	50.87	54.04	48.07	52.93	50.17	---	---
11	---	54.22	56.51	57.36	---	51.20	54.08	48.46	52.98	50.37	---	---
12	---	54.32	56.56	57.38	---	51.48	54.09	48.79	53.07	50.59	---	---
13	---	54.45	56.60	---	---	51.70	54.10	49.04	53.11	50.78	---	---
14	---	54.57	56.70	---	---	51.87	54.15	49.34	51.49	50.95	---	---
15	---	54.67	56.76	---	47.31	52.04	54.20	49.57	30.66	51.15	---	---
16	47.39	54.81	56.79	---	48.00	52.22	54.22	49.80	34.43	51.37	---	---
17	47.84	54.93	56.79	---	49.19	52.37	54.23	50.05	36.79	51.55	---	---
18	48.30	55.02	56.81	---	50.04	52.51	54.24	50.23	38.55	51.69	---	---
19	48.79	55.10	56.83	---	50.73	52.62	54.24	50.41	39.98	51.82	---	---
20	49.18	55.15	56.87	---	51.32	52.74	54.24	50.61	41.17	51.94	---	---
21	49.58	55.23	56.96	---	51.73	52.83	54.27	50.79	42.09	52.09	---	---
22	49.96	55.33	57.01	---	52.09	52.96	54.28	50.96	43.04	52.21	---	---
23	50.26	55.42	57.04	---	52.40	53.05	54.28	51.14	43.82	51.23	---	---
24	50.60	55.51	57.05	---	52.73	53.17	54.28	51.30	44.48	---	---	---
25	50.91	55.60	57.07	---	53.00	53.27	54.30	51.47	45.10	---	---	---
26	51.23	55.68	57.14	---	53.22	53.34	54.33	51.59	45.64	---	---	---
27	51.56	55.76	57.15	---	53.45	53.41	53.06	51.71	46.15	---	---	---
28	51.80	55.84	57.18	---	53.36	53.47	---	51.82	46.58	---	---	---
29	52.01	55.91	57.19	---	---	53.51	---	51.93	46.99	---	---	---
30	52.22	55.96	57.21	---	---	53.57	---	52.03	47.39	---	---	---
31	52.40	---	57.22	---	---	53.63	---	52.13	---	---	---	---
MEAN	---	54.58	56.69	---	---	---	---	---	46.97	---	---	---
MAX	---	55.96	57.22	---	---	---	---	---	53.11	---	---	---
MIN	---	52.59	56.01	---	---	---	---	---	30.66	---	---	---



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 Formation.

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.

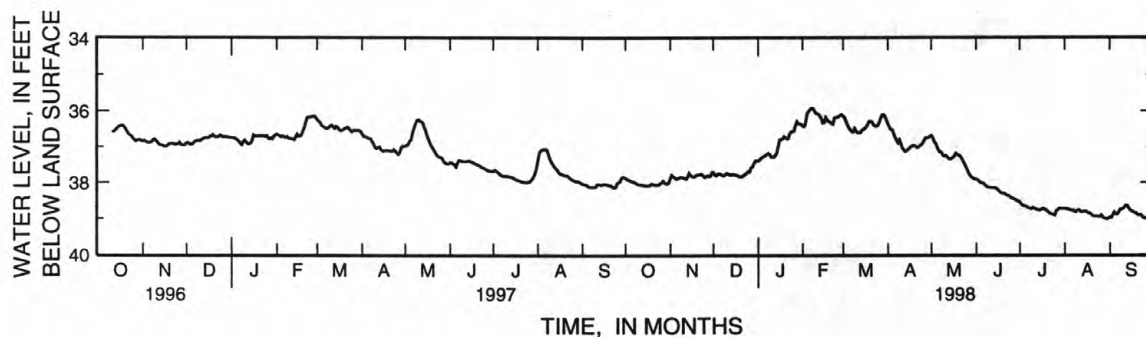
PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 39.03 ft below land-surface datum, Sept. 29, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.87	37.88	37.71	37.40	36.42	36.14	36.36	36.69	37.91	38.55	38.72	38.97
2	37.91	37.79	37.78	37.37	36.43	36.19	36.45	36.76	37.93	38.61	38.73	38.98
3	37.92	37.83	37.80	37.32	36.34	36.29	36.52	36.86	37.97	38.64	38.74	38.90
4	37.94	37.85	37.76	37.29	36.08	36.39	36.53	36.91	38.01	38.65	38.75	38.83
5	37.96	37.90	37.75	37.27	36.01	36.47	36.65	37.01	38.01	38.66	38.77	38.89
6	37.97	37.89	37.77	37.24	35.97	36.53	36.74	37.10	38.02	38.68	38.79	38.89
7	37.99	37.86	37.79	37.21	35.92	36.57	36.83	37.16	38.07	38.71	38.78	38.83
8	38.01	37.85	37.81	37.18	35.92	36.58	36.89	37.16	38.11	38.72	38.82	38.75
9	38.03	37.85	37.78	37.21	35.98	36.49	36.81	37.24	38.14	38.73	38.81	38.74
10	38.05	37.86	37.74	37.29	36.06	36.57	36.93	37.27	38.14	38.70	38.77	38.73
11	38.05	37.88	37.75	37.29	36.07	36.61	37.04	37.25	38.15	38.72	38.77	38.68
12	38.06	37.90	37.78	37.29	36.09	36.61	37.10	37.29	38.15	38.74	38.81	38.64
13	38.07	37.84	37.78	37.24	36.15	36.60	37.13	37.34	38.15	38.76	38.82	38.65
14	38.07	37.74	37.77	37.18	36.21	36.54	37.11	37.35	38.16	38.78	38.81	38.72
15	38.08	37.79	37.78	36.98	36.33	36.51	37.07	37.33	38.17	38.77	38.80	38.77
16	38.09	37.82	37.78	36.81	36.32	36.49	37.03	37.30	38.22	38.74	38.81	38.80
17	38.08	37.84	37.79	36.79	36.18	36.44	36.99	37.26	38.26	38.72	38.85	38.82
18	38.07	37.83	37.81	36.78	36.24	36.38	36.97	37.19	38.30	38.74	38.86	38.84
19	38.03	37.79	37.84	36.72	36.30	36.29	36.97	37.22	38.30	38.77	38.88	38.86
20	38.04	37.78	37.84	36.74	36.31	36.29	36.98	37.25	38.30	38.80	38.92	38.90
21	38.06	37.78	37.83	36.78	36.35	36.31	37.02	37.27	38.33	38.84	38.94	38.91
22	38.06	37.76	37.80	36.77	36.36	36.38	37.01	37.34	38.36	38.87	38.94	38.90
23	38.06	37.77	37.76	36.63	36.19	36.42	36.97	37.42	38.37	38.88	38.94	38.94
24	38.05	37.82	37.74	36.58	36.18	36.42	36.95	37.50	38.39	38.90	38.95	38.99
25	38.02	37.85	37.69	36.57	36.17	36.40	36.90	37.59	38.43	38.91	38.95	38.99
26	38.00	37.82	37.70	36.56	36.15	36.31	36.82	37.67	38.45	38.79	38.91	39.01
27	37.95	37.81	37.59	36.40	36.11	36.19	36.75	37.76	38.46	38.77	38.96	39.01
28	38.00	37.83	37.56	36.30	36.10	36.10	36.76	37.82	38.48	38.72	39.00	39.01
29	38.02	37.81	37.47	36.35	---	36.10	36.75	37.86	38.51	38.72	39.01	39.03
30	38.02	37.71	37.40	36.35	---	36.16	36.71	37.89	38.52	38.73	39.02	39.02
31	38.00	---	37.40	36.37	---	36.26	---	37.91	---	38.73	39.00	---
MEAN	38.02	37.82	37.73	36.91	36.18	36.39	36.86	37.32	38.23	38.74	38.86	38.87
MAX	38.09	37.90	37.84	37.40	36.43	36.61	37.13	37.91	38.52	38.91	39.02	39.03
MIN	37.87	37.71	37.40	36.30	35.92	36.10	36.36	36.69	37.91	38.55	38.72	38.64



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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.

INSTRUMENTATION.--Data collection platform--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 the collection interval. District office.

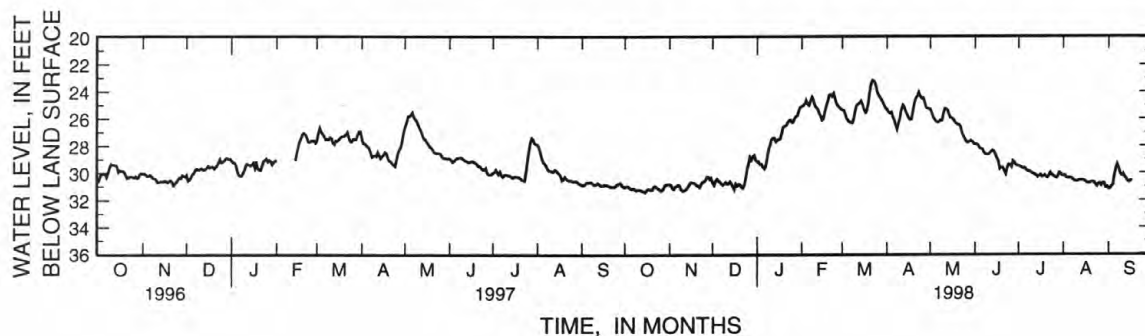
PERIOD OF RECORD.--July 1981 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.04	30.81	30.70	29.16	25.08	25.34	25.31	25.29	27.89	29.48	30.21	31.20
2	30.98	30.86	30.86	29.13	25.02	25.38	25.50	25.58	27.89	29.56	30.20	31.18
3	30.97	31.10	30.57	29.34	24.89	25.62	25.59	25.87	27.95	29.60	30.35	31.01
4	31.04	31.16	30.42	29.33	24.63	25.97	25.52	26.07	28.17	29.69	30.39	30.89
5	31.13	30.98	30.57	29.56	24.89	26.12	25.88	26.18	28.24	29.64	30.35	30.20
6	31.18	30.95	30.63	29.67	24.99	26.25	26.10	26.28	28.27	29.75	30.39	29.70
7	31.14	30.86	30.76	29.48	24.67	26.27	26.52	26.25	28.47	29.87	30.45	29.38
8	31.22	30.91	30.85	28.83	24.40	26.30	26.79	26.11	28.62	29.90	30.57	29.67
9	31.26	31.18	30.78	28.28	24.60	25.98	26.37	26.13	28.63	29.91	30.62	30.07
10	31.24	31.31	30.66	27.93	25.00	25.38	25.96	25.68	28.64	30.03	30.63	30.19
11	31.23	31.29	30.78	27.53	25.15	25.02	25.37	25.26	28.53	30.06	30.60	30.07
12	31.25	31.23	30.78	27.40	25.26	24.94	25.01	25.29	28.44	30.12	30.54	30.29
13	31.32	31.12	30.62	27.40	25.58	24.80	25.12	25.41	28.34	30.19	30.56	30.41
14	31.34	30.96	30.75	27.66	25.77	24.70	25.47	25.72	28.44	30.31	30.54	30.61
15	31.39	30.81	31.01	27.58	26.08	24.95	25.70	25.95	28.68	30.23	30.58	30.68
16	31.28	30.67	31.19	27.49	25.97	25.30	25.95	25.96	28.95	30.16	30.62	30.60
17	31.19	30.70	30.79	27.45	25.46	25.53	26.08	26.09	29.18	30.30	30.72	30.60
18	31.20	30.71	30.94	27.06	25.02	25.44	26.05	26.25	29.72	30.27	30.77	---
19	31.25	30.76	30.79	26.60	24.66	24.82	25.39	26.37	29.62	30.19	30.77	---
20	31.24	30.91	30.83	26.53	24.24	24.01	24.83	26.44	29.61	30.31	30.68	---
21	31.01	30.93	31.02	26.48	24.20	23.41	24.48	26.46	29.85	30.36	30.68	---
22	30.95	31.04	31.10	26.31	24.33	23.19	24.36	26.64	30.09	30.18	30.71	---
23	31.04	30.79	30.91	26.13	24.12	23.24	24.05	27.07	29.65	30.00	30.86	---
24	31.14	30.64	30.29	26.09	24.48	23.44	24.33	27.32	29.38	30.15	30.99	---
25	31.18	30.63	29.72	26.24	24.86	23.95	24.50	27.51	29.41	30.23	30.81	---
26	31.29	30.53	29.31	26.25	25.07	24.24	24.46	27.71	29.57	30.31	30.78	---
27	31.26	30.25	28.82	25.94	25.14	24.41	24.72	27.75	29.15	30.38	30.94	---
28	31.10	30.25	29.01	25.82	25.25	24.56	25.16	27.70	29.23	30.29	30.76	---
29	30.87	30.44	28.75	25.73	---	24.75	25.23	27.63	29.42	30.00	30.78	---
30	30.84	30.36	28.67	25.33	---	25.01	25.27	27.68	29.47	30.05	31.10	---
31	30.84	---	29.02	25.14	---	25.21	---	27.85	---	30.20	31.04	---
MEAN	31.14	30.84	30.38	27.38	24.96	24.95	25.37	26.44	28.92	30.06	30.64	---
MAX	31.39	31.31	31.19	29.67	26.08	26.30	26.79	27.85	30.09	30.38	31.10	---
MIN	30.84	30.25	28.67	25.14	24.12	23.19	24.05	25.26	27.89	29.48	30.20	---



WELL NUMBER.--343715079411500. Local number, MLB-112/134.

LOCATION.--Lat 34°37'15", long 79°41'15", Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville. Owner: Town of Bennettsville.

AQUIFER.--Middenforn and Cape Fear Formations.

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.

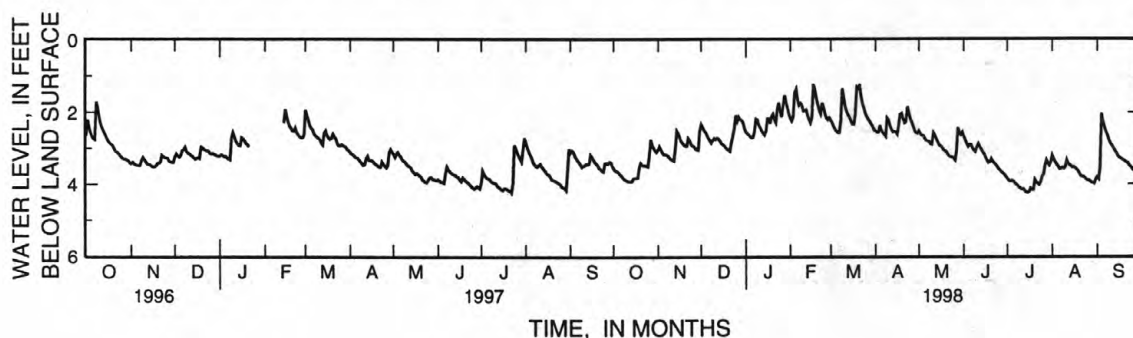
PERIOD OF RECORD.--January 1972 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.56	3.04	2.33	2.54	2.16	2.21	2.51	2.52	2.66	3.85	3.21	3.81
2	3.62	2.95	2.41	2.58	2.23	2.29	2.55	2.59	2.77	3.90	3.32	3.86
3	3.63	3.03	2.50	2.62	2.12	2.38	2.55	2.64	2.87	3.93	3.39	3.54
4	3.66	3.11	2.54	2.66	1.46	2.47	2.36	2.64	2.95	3.91	3.45	2.03
5	3.70	3.17	2.63	2.70	1.36	2.52	2.49	2.72	2.89	3.92	3.51	2.25
6	3.74	3.17	2.71	2.69	1.64	2.56	2.56	2.78	2.89	3.97	3.58	2.42
7	3.79	3.18	2.78	2.53	1.80	2.56	2.61	2.80	2.99	4.01	3.57	2.53
8	3.84	3.21	2.84	2.18	1.75	2.21	2.66	2.81	3.06	4.04	3.54	2.63
9	3.88	3.26	2.77	2.20	1.80	1.35	2.16	2.88	3.10	4.09	3.57	2.77
10	3.90	3.30	2.72	2.35	1.96	1.60	2.22	2.89	2.97	4.12	3.52	2.86
11	3.92	3.33	2.75	2.41	1.95	1.83	2.36	2.57	2.88	4.15	3.34	2.92
12	3.92	3.35	2.71	2.51	1.93	1.98	2.47	2.63	2.96	4.14	3.43	2.98
13	3.93	3.03	2.73	2.56	2.08	2.07	2.54	2.74	3.03	4.19	3.47	3.06
14	3.92	2.51	2.79	2.62	2.19	2.13	2.53	2.82	3.10	4.24	3.50	3.12
15	3.84	2.57	2.86	2.51	2.28	2.24	2.55	2.91	3.16	4.25	3.54	3.20
16	3.83	2.69	2.89	2.17	2.13	2.32	2.60	2.94	3.25	4.22	3.53	3.26
17	3.83	2.79	2.92	2.17	1.22	2.32	2.33	2.97	3.34	4.13	3.56	3.28
18	3.82	2.85	2.97	2.30	1.37	2.05	2.06	3.04	3.41	4.16	3.60	3.31
19	3.52	2.89	3.02	2.10	1.62	1.30	2.03	3.07	3.39	4.16	3.65	3.34
20	3.42	2.94	3.04	2.05	1.77	1.34	2.17	3.10	3.30	3.89	3.73	3.37
21	3.47	2.94	3.07	2.20	1.95	1.23	2.29	3.17	3.38	3.95	3.78	3.40
22	3.48	2.72	2.85	2.28	2.04	1.55	2.26	3.22	3.43	3.99	3.79	3.42
23	3.48	2.78	2.65	1.90	1.75	1.77	1.85	3.24	3.46	4.02	3.81	3.48
24	3.49	2.88	2.42	1.74	1.86	1.90	2.01	3.25	3.52	3.94	3.85	3.53
25	3.51	2.93	2.08	1.98	2.04	2.04	2.17	3.27	3.58	3.78	3.90	3.57
26	3.22	2.94	2.24	2.12	2.15	2.12	2.28	3.33	3.62	3.74	3.90	3.63
27	2.75	3.01	2.13	1.82	2.20	2.19	2.39	3.10	3.67	3.47	3.92	3.65
28	2.91	3.04	2.20	1.53	2.15	2.25	2.51	2.42	3.70	3.34	3.96	3.67
29	2.99	3.05	2.21	1.72	---	2.32	2.57	2.55	3.74	3.44	3.97	3.66
30	3.06	2.52	2.27	1.88	---	2.39	2.58	2.62	3.79	3.48	3.99	3.65
31	3.10	---	2.42	2.04	---	2.48	---	2.55	---	3.38	3.86	---
MEAN	3.57	2.97	2.63	2.25	1.89	2.06	2.37	2.86	3.23	3.93	3.64	3.21
MAX	3.93	3.35	3.07	2.70	2.28	2.56	2.66	3.33	3.79	4.25	3.99	3.86
MIN	2.75	2.51	2.08	1.53	1.22	1.23	1.85	2.42	2.66	3.34	3.21	2.03



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.--Paleozoic Argillite.

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.

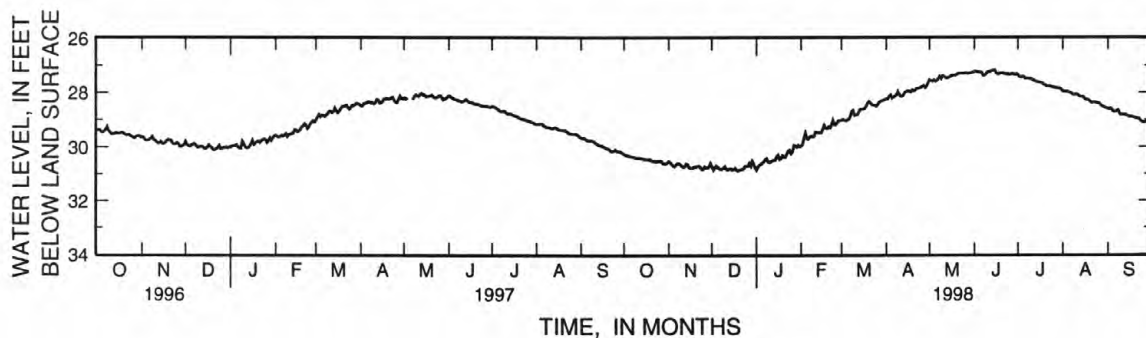
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 27.19 ft below land-surface datum, June 14, 15, 1998; lowest, 33.13 ft below land-surface datum, Jan. 9, 16, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.26	30.53	30.72	30.85	29.97	29.01	28.23	27.55	27.22	27.36	27.96	28.60
2	30.30	30.57	30.84	30.74	29.91	28.99	28.24	27.58	27.24	27.44	27.96	28.62
3	30.30	30.64	30.77	30.68	29.68	29.02	28.14	27.59	27.26	27.45	27.96	28.59
4	30.32	30.69	30.70	30.64	29.50	29.03	28.10	27.55	27.26	27.43	27.98	28.66
5	30.35	30.72	30.76	30.60	29.70	29.00	28.20	27.59	27.25	27.44	28.00	28.72
6	30.36	30.66	30.80	30.56	29.71	28.99	28.16	27.58	27.29	27.49	28.01	28.72
7	30.37	30.61	30.83	30.47	29.63	28.89	28.13	27.51	27.38	27.50	28.04	28.68
8	30.38	30.61	30.82	30.43	29.60	28.70	28.09	27.42	27.38	27.49	28.08	28.66
9	30.41	30.65	30.78	30.55	29.62	28.66	27.98	27.49	27.33	27.49	28.09	28.78
10	30.41	30.70	30.72	30.58	29.60	28.84	28.08	27.40	27.26	27.51	28.06	28.83
11	30.40	30.74	30.82	30.54	29.45	28.83	28.14	27.42	27.26	27.54	28.08	28.82
12	30.41	30.73	30.85	30.52	29.46	28.81	28.14	27.46	27.24	27.57	28.13	28.81
13	30.42	30.63	30.81	30.49	29.46	28.71	28.09	27.48	27.20	27.60	28.16	28.82
14	30.42	30.64	30.80	30.49	29.48	28.62	27.99	27.46	27.19	27.62	28.16	28.86
15	30.45	30.75	30.85	30.35	29.48	28.61	27.97	27.43	27.19	27.63	28.17	28.89
16	30.46	30.78	30.83	30.30	29.34	28.61	27.95	27.39	27.29	27.64	28.23	28.89
17	30.46	30.80	30.79	30.45	29.20	28.58	27.96	27.37	27.34	27.65	28.27	28.89
18	30.46	30.76	30.86	30.43	29.31	28.50	27.99	27.37	27.33	27.68	28.27	28.90
19	30.46	30.73	30.88	30.32	29.32	28.40	27.91	27.37	27.29	27.72	28.29	28.92
20	30.52	30.74	30.84	30.38	29.26	28.33	27.94	27.33	27.29	27.75	28.35	28.95
21	30.52	30.69	30.84	30.38	29.29	28.38	27.93	27.30	27.31	27.78	28.38	28.95
22	30.51	30.69	30.83	30.27	29.20	28.44	27.86	27.30	27.33	27.78	28.36	28.96
23	30.55	30.75	30.81	30.14	29.03	28.47	27.85	27.30	27.33	27.77	28.36	29.02
24	30.52	30.83	30.70	30.12	29.18	28.47	27.85	27.31	27.33	27.79	28.38	29.07
25	30.54	30.82	30.70	30.24	29.17	28.50	27.82	27.30	27.35	27.81	28.39	29.09
26	30.51	30.73	30.71	30.17	29.10	28.44	27.78	27.29	27.33	27.83	28.40	29.10
27	30.53	30.77	30.60	29.95	29.03	28.36	27.75	27.31	27.32	27.84	28.46	29.08
28	30.61	30.77	30.70	29.96	29.04	28.32	27.82	27.31	27.34	27.84	28.51	29.09
29	30.62	30.72	30.53	30.00	---	28.30	27.77	27.29	27.36	27.85	28.53	29.10
30	30.62	30.61	30.62	29.94	---	28.28	27.64	27.29	27.33	27.87	28.56	29.11
31	30.58	---	30.77	29.99	---	28.26	---	27.27	---	27.90	28.58	---
MEAN	30.45	30.70	30.77	30.37	29.42	28.62	27.98	27.41	27.29	27.65	28.23	28.87
MAX	30.62	30.83	30.88	30.85	29.97	29.03	28.24	27.59	27.38	27.90	28.58	29.11
MIN	30.26	30.53	30.53	29.94	29.03	28.26	27.64	27.27	27.19	27.36	27.96	28.59



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 445 ft, cased to 24 ft, screen information unknown.

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.

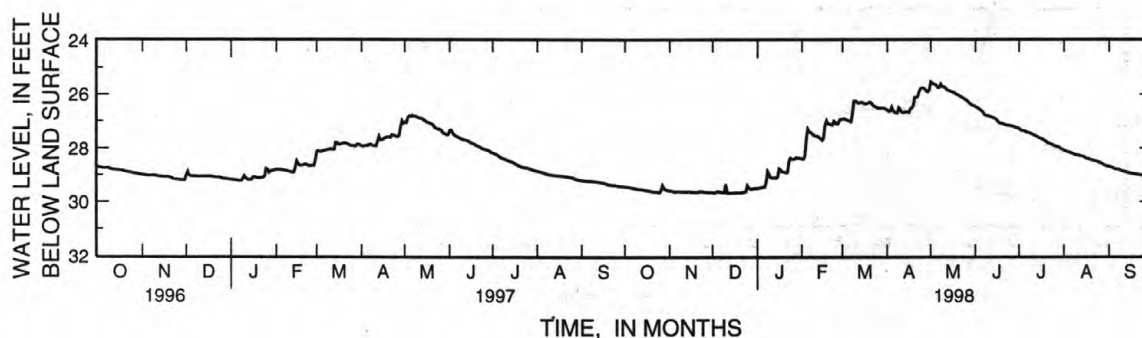
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 25.30 ft below land-surface datum, Apr. 1, 1996; lowest, 29.68 ft below land-surface datum, Dec. 11 - 15, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.43	29.58	29.66	29.50	28.40	26.93	26.58	25.54	26.46	27.28	28.09	28.69
2	29.44	29.59	29.66	29.49	28.41	26.91	26.64	25.58	26.50	27.32	28.11	28.71
3	29.45	29.61	29.66	29.47	28.30	26.93	26.63	25.62	26.52	27.35	28.13	28.72
4	29.45	29.62	29.61	29.46	27.66	26.96	26.49	25.63	26.58	27.35	28.15	28.75
5	29.47	29.63	29.62	29.45	27.29	26.98	26.62	25.68	26.61	27.37	28.17	28.78
6	29.48	29.62	29.64	29.44	27.38	27.01	26.67	25.75	26.67	27.40	28.19	28.79
7	29.49	29.62	29.65	29.28	27.42	27.02	26.70	25.74	26.75	27.42	28.21	28.79
8	29.51	29.62	29.65	28.88	27.45	26.69	26.70	25.63	26.79	27.43	28.24	28.81
9	29.52	29.63	29.65	28.97	27.51	26.25	26.51	25.73	26.80	27.45	28.26	28.84
10	29.53	29.63	29.35	29.09	27.55	26.25	26.58	25.72	26.81	27.48	28.26	28.86
11	29.54	29.63	29.68	29.10	27.54	26.30	26.67	25.76	26.84	27.51	28.27	28.87
12	29.54	29.63	29.68	29.11	27.56	26.33	26.69	25.81	26.85	27.53	28.29	28.88
13	29.55	29.63	29.68	29.10	27.60	26.32	26.68	25.86	26.87	27.56	28.30	28.90
14	29.55	29.62	29.68	29.11	27.65	26.30	26.65	25.88	26.90	27.59	28.31	28.92
15	29.57	29.63	29.68	29.06	27.70	26.32	26.66	25.89	26.92	27.62	28.33	28.93
16	29.58	29.64	29.67	28.77	27.60	26.35	26.68	25.91	26.99	27.64	28.37	28.95
17	29.58	29.64	29.67	28.81	27.14	26.36	26.53	25.93	27.06	27.66	28.39	28.95
18	29.59	29.64	29.67	28.88	26.99	26.35	26.51	25.97	27.08	27.70	28.41	28.96
19	29.61	29.64	29.67	28.88	27.11	26.32	26.40	26.01	27.09	27.73	28.42	28.97
20	29.62	29.64	29.66	28.90	27.10	26.30	26.11	26.03	27.10	27.77	28.45	28.98
21	29.63	29.64	29.66	28.92	27.13	26.33	26.12	26.06	27.13	27.81	28.46	28.99
22	29.63	29.61	29.65	28.90	27.14	26.40	26.08	26.10	27.15	27.83	28.47	29.00
23	29.64	29.61	29.64	28.47	27.01	26.45	25.89	26.12	27.16	27.85	28.48	29.01
24	29.64	29.63	29.61	28.38	27.06	26.47	25.79	26.17	27.16	27.88	28.50	29.02
25	29.65	29.64	29.40	28.41	27.10	26.51	25.76	26.20	27.18	27.91	28.52	29.03
26	29.59	29.64	29.48	28.42	27.09	26.52	25.77	26.23	27.19	27.93	28.55	29.04
27	29.39	29.65	29.51	28.40	26.97	26.51	25.81	26.28	27.19	27.95	28.58	29.04
28	29.48	29.65	29.53	28.36	26.93	26.51	25.89	26.34	27.22	27.96	28.61	29.05
29	29.54	29.65	29.51	28.37	---	26.52	25.91	26.38	27.25	27.99	28.64	29.06
30	29.56	29.65	29.50	28.37	---	26.53	25.83	26.42	27.25	28.03	28.66	29.06
31	29.58	---	29.50	28.38	---	26.55	---	26.44	---	28.05	28.68	---
MEAN	29.54	29.63	29.61	28.91	27.42	26.53	26.35	25.95	26.94	27.66	28.37	28.91
MAX	29.65	29.65	29.68	29.50	28.41	27.02	26.70	26.44	27.25	28.05	28.68	29.06
MIN	29.39	29.58	29.35	28.36	26.93	26.25	25.76	25.54	26.46	27.28	28.09	28.69



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.

REMARKS.--Water-level affected by nearby pumping.

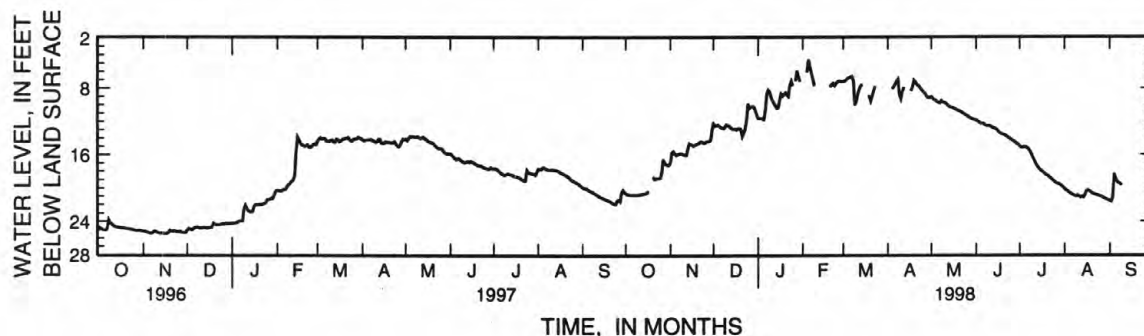
PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.65	16.89	12.29	11.61	---	7.19	---	9.04	11.84	14.99	20.11	21.56
2	20.77	15.77	12.54	11.61	---	7.16	---	9.24	12.00	15.16	20.27	21.63
3	20.79	15.62	12.52	11.63	---	6.99	---	9.41	12.10	15.15	20.39	21.17
4	20.81	15.87	12.39	11.68	6.10	6.80	8.07	9.46	12.24	15.05	20.54	18.35
5	20.82	16.08	12.55	11.73	4.60	6.72	7.87	9.64	12.23	15.07	20.67	18.92
6	20.83	16.00	12.70	10.59	5.35	6.64	7.52	9.77	12.26	15.22	20.79	19.27
7	20.83	15.88	12.81	8.76	6.17	6.58	7.19	9.79	12.44	15.34	20.90	19.42
8	20.83	15.85	12.83	8.23	6.98	7.15	6.93	9.53	12.53	15.62	20.98	19.49
9	20.84	15.92	12.60	8.41	7.69	10.03	8.67	9.73	12.55	15.99	21.03	19.69
10	20.83	16.00	12.40	9.12	---	9.60	9.26	9.75	12.54	16.35	20.92	---
11	20.77	16.09	12.47	9.49	---	8.80	8.54	9.81	12.59	16.70	21.02	---
12	20.75	16.09	12.57	9.83	---	8.18	7.94	10.01	12.76	17.03	21.13	---
13	20.72	15.32	12.76	10.06	---	7.78	---	10.18	12.79	17.34	21.03	---
14	20.68	14.66	12.90	10.39	---	7.56	---	10.27	12.89	17.59	21.12	---
15	20.67	14.73	12.88	10.30	---	---	---	10.33	12.96	17.81	20.81	---
16	20.50	14.83	12.91	9.25	---	---	---	10.38	13.17	17.96	20.35	---
17	20.48	14.93	12.99	8.68	---	---	8.31	10.46	13.37	18.09	20.31	---
18	---	14.83	12.90	8.93	---	---	7.91	10.58	13.48	18.25	20.42	---
19	---	14.73	12.82	8.75	---	8.89	7.08	10.69	13.53	18.43	20.52	---
20	18.68	14.71	12.89	8.53	7.84	9.55	7.28	10.74	13.58	18.50	20.67	---
21	18.93	14.58	13.76	8.79	7.55	9.03	7.56	10.79	13.70	18.64	20.77	---
22	18.88	14.39	13.43	9.01	7.40	8.38	7.71	10.92	13.84	18.80	20.82	---
23	18.86	14.45	12.98	7.77	7.70	7.80	7.89	11.03	13.95	18.95	20.86	---
24	18.84	14.60	11.80	7.20	7.45	---	8.13	11.17	14.07	19.10	20.92	---
25	18.78	14.60	9.87	7.72	7.23	---	8.38	11.25	14.21	19.26	20.97	---
26	18.15	14.38	10.40	---	7.15	---	8.54	11.36	14.31	19.40	21.01	---
27	16.55	14.39	10.22	7.11	7.21	---	8.72	11.51	14.42	19.50	21.14	---
28	16.96	14.37	10.17	5.90	7.20	---	9.04	11.63	14.58	19.52	21.25	---
29	17.15	14.24	10.23	6.55	---	---	9.17	11.69	14.72	19.64	21.32	---
30	17.24	12.93	10.65	7.19	---	---	9.13	11.76	14.81	19.79	21.40	---
31	17.23	---	11.17	---	---	---	---	11.79	---	19.95	21.48	---
MEAN	---	15.12	12.21	---	---	---	---	10.44	13.22	17.55	20.84	---
MAX	---	16.89	13.76	---	---	---	---	11.79	14.81	19.95	21.48	---
MIN	---	12.93	9.87	---	---	---	---	9.04	11.84	14.99	20.11	---



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.--Data collection platform--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 District files.

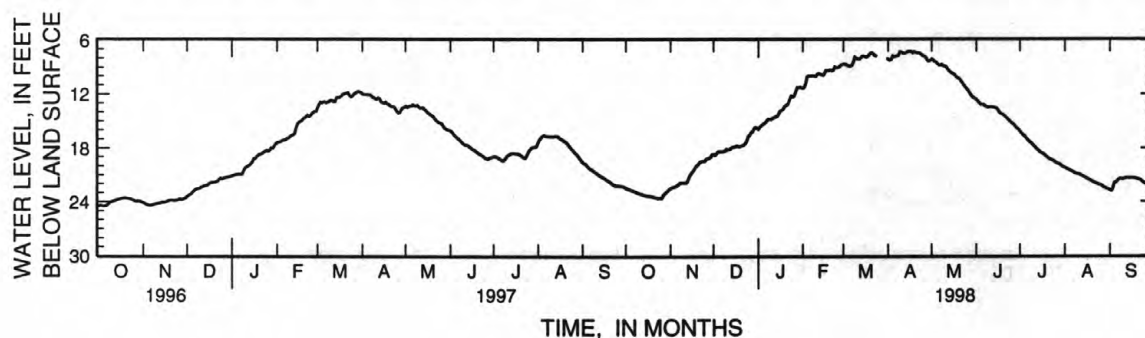
PERIOD OF RECORD.--October 1993 to current year.

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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.47	22.51	18.71	15.91	11.36	8.69	8.08	8.11	12.61	16.16	20.26	22.72
2	22.57	22.42	18.81	15.71	11.25	8.64	8.22	8.22	12.83	16.38	20.33	22.78
3	22.60	22.37	18.64	15.53	10.85	8.72	8.18	8.38	13.01	16.55	20.39	22.58
4	22.67	22.32	18.41	15.40	10.08	8.84	7.77	8.44	13.16	16.68	20.48	21.94
5	22.74	22.28	18.40	15.29	9.99	8.86	7.86	8.62	13.16	16.85	20.58	21.88
6	22.80	22.14	18.41	15.15	10.01	8.88	7.80	8.78	13.19	17.06	20.66	21.72
7	22.85	21.98	18.41	14.96	10.00	8.82	7.75	8.82	13.36	17.22	20.75	21.57
8	22.92	21.91	18.39	14.79	9.99	8.41	7.71	8.72	13.45	17.36	20.84	21.44
9	23.00	21.89	18.30	14.81	10.02	7.90	7.33	8.86	13.48	17.50	20.89	21.48
10	23.06	21.89	18.12	14.82	10.03	8.00	7.32	8.89	13.48	17.67	20.89	21.48
11	23.10	21.90	18.15	14.69	9.78	8.10	7.46	8.99	13.47	17.84	20.95	21.42
12	23.16	21.89	18.15	14.62	9.71	8.11	7.47	9.21	13.48	18.01	21.08	21.36
13	23.23	21.68	18.03	14.52	9.79	7.98	7.45	9.42	13.48	18.18	21.17	21.34
14	23.27	21.20	17.93	14.49	9.84	7.80	7.33	9.56	13.54	18.34	21.24	21.35
15	23.32	20.96	17.93	14.25	9.93	7.80	7.26	9.67	13.62	18.48	21.32	21.37
16	23.35	20.71	17.87	13.92	9.70	7.86	7.26	9.75	13.85	18.58	21.42	21.37
17	23.36	20.53	17.76	13.83	9.36	7.88	7.31	9.89	14.09	18.68	21.52	21.37
18	23.37	20.25	17.81	13.72	9.36	7.79	7.44	10.08	14.22	18.80	21.59	21.39
19	23.39	20.03	17.85	13.44	9.40	7.60	7.31	10.23	14.29	18.94	21.66	21.44
20	23.49	19.88	17.77	13.30	9.32	7.41	7.37	10.31	14.39	19.07	21.79	21.51
21	23.53	19.67	17.74	13.21	9.41	7.41	7.46	10.51	14.56	19.20	21.88	21.56
22	23.55	19.53	17.69	12.99	9.38	7.59	7.44	10.72	14.73	19.29	21.93	21.62
23	23.59	19.49	17.51	12.49	8.98	7.76	7.47	10.94	14.87	19.37	21.99	21.75
24	23.59	19.50	17.19	12.20	9.05	7.80	7.61	11.17	15.02	19.47	22.06	21.89
25	23.61	19.44	16.73	12.31	9.08	---	7.76	11.38	15.20	19.57	22.12	21.98
26	23.59	19.22	16.60	12.22	9.00	---	7.82	11.57	15.33	19.70	22.16	22.07
27	23.29	19.18	16.28	11.78	8.83	---	7.95	11.81	15.46	19.78	22.30	22.12
28	23.14	19.13	16.21	11.29	8.74	---	8.25	12.05	15.66	19.82	22.42	22.17
29	22.94	18.99	15.85	11.32	---	---	8.35	12.24	15.83	19.94	22.49	22.28
30	22.80	18.73	15.72	11.23	---	---	8.27	12.42	15.96	20.07	22.57	22.36
31	22.66	---	15.80	11.33	---	8.07	---	12.53	---	20.17	22.65	---
MEAN	23.13	20.79	17.65	13.73	9.72	---	7.67	10.01	14.09	18.41	21.43	21.78
MAX	23.61	22.51	18.81	15.91	11.36	---	8.35	12.53	15.96	20.17	22.65	22.78
MIN	22.47	18.73	15.72	11.23	8.74	---	7.26	8.11	12.61	16.16	20.26	21.34



SPARTANBURG COUNTY

541

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.

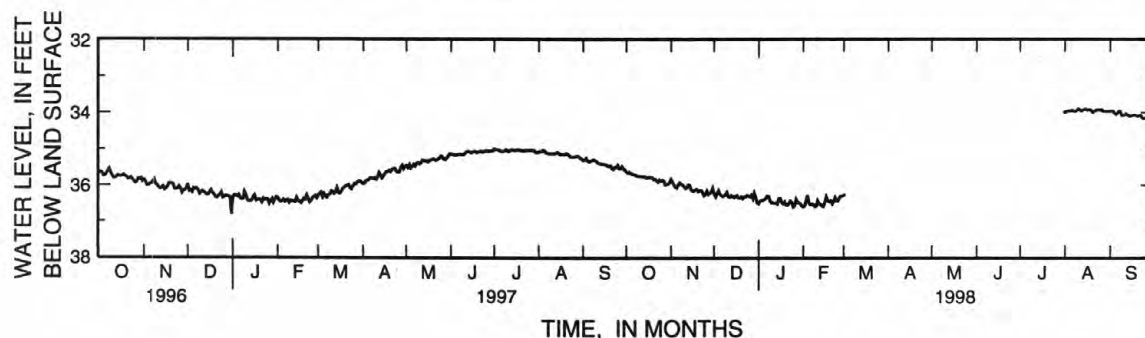
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 33.90 ft below land-surface datum, Aug. 10, 15, 1998; lowest, 37.82 ft below land-surface datum, Dec. 20, 30, 1994, Jan. 5, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.63	35.84	36.24	36.51	36.60	36.28	---	---	---	---	33.99	33.96
2	35.66	35.91	36.32	36.44	36.57	36.26	---	---	---	---	33.96	33.95
3	35.64	35.99	36.23	36.42	36.39	---	---	---	---	---	33.95	33.95
4	35.67	36.05	36.15	36.41	36.28	---	---	---	---	---	33.95	34.02
5	35.69	36.07	36.24	36.39	36.50	---	---	---	---	---	33.95	34.05
6	35.70	35.99	36.28	36.36	36.54	---	---	---	---	---	33.94	34.02
7	35.71	35.93	36.31	36.30	36.51	---	---	---	---	---	33.96	33.96
8	35.74	35.95	36.29	36.31	36.54	---	---	---	---	---	33.96	33.97
9	35.75	35.99	36.26	36.44	36.59	---	---	---	---	---	33.94	34.08
10	35.75	36.03	36.20	36.49	36.58	---	---	---	---	---	33.90	34.08
11	35.75	36.08	36.31	36.48	36.43	---	---	---	---	---	33.92	34.06
12	35.76	36.06	36.33	36.50	36.51	---	---	---	---	---	33.95	34.03
13	35.76	35.99	36.28	36.49	36.53	---	---	---	---	---	33.94	34.06
14	35.76	36.00	36.31	36.52	36.58	---	---	---	---	---	33.92	34.09
15	35.79	36.12	36.34	36.37	36.59	---	---	---	---	---	33.90	34.10
16	35.79	36.16	36.31	36.37	36.45	---	---	---	---	---	33.93	34.08
17	35.78	36.16	36.29	36.48	36.32	---	---	---	---	---	33.93	34.07
18	35.78	36.12	36.35	36.51	36.44	---	---	---	---	---	33.92	34.07
19	35.79	36.11	36.35	36.46	36.46	---	---	---	---	---	33.94	34.09
20	35.84	36.17	36.32	36.55	36.43	---	---	---	---	---	33.99	34.10
21	35.83	36.14	36.37	36.56	36.51	---	---	---	---	---	33.97	34.08
22	35.86	36.14	36.33	36.50	36.45	---	---	---	---	---	33.94	34.08
23	35.91	36.21	36.32	36.44	36.34	---	---	---	---	---	33.93	34.14
24	35.85	36.29	36.28	36.47	36.43	---	---	---	---	---	33.93	34.17
25	35.88	36.25	36.29	36.60	36.43	---	---	---	---	---	33.93	34.15
26	35.85	36.16	36.32	36.57	36.35	---	---	---	---	---	33.92	34.15
27	35.87	36.25	36.27	36.39	36.30	---	---	---	---	---	33.97	34.13
28	35.98	36.22	36.37	36.47	36.30	---	---	---	---	---	33.97	34.13
29	35.96	36.18	36.22	36.49	---	---	---	---	---	---	33.96	34.14
30	35.96	36.08	36.34	36.51	---	---	---	---	---	---	33.97	34.13
31	35.92	---	36.49	36.58	---	---	---	---	---	33.96	33.97	---
MEAN	35.79	36.09	36.30	36.46	36.46	---	---	---	---	---	33.95	34.07
MAX	35.98	36.29	36.49	36.60	36.60	---	---	---	---	---	33.99	34.17
MIN	35.63	35.84	36.15	36.30	36.28	---	---	---	---	---	33.90	33.95



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.

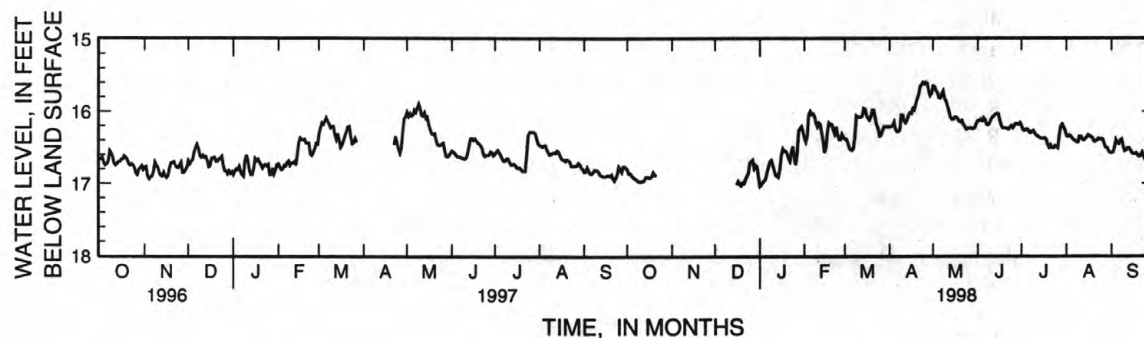
PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 15.60 ft below land-surface datum, Apr. 24, 26, 1998; lowest, 31.67 ft below land-surface datum, July 24, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.81	---	---	17.04	16.37	16.38	16.22	15.65	16.13	16.20	16.34	16.58
2	16.86	---	---	17.02	16.42	16.39	16.21	15.66	16.13	16.26	16.35	16.57
3	16.86	---	---	16.99	16.34	16.43	16.20	15.71	16.11	16.27	16.33	16.51
4	16.89	---	---	16.96	16.05	16.51	16.15	15.74	16.13	16.25	16.35	16.40
5	16.91	---	---	16.94	16.00	16.53	16.25	15.81	16.09	16.25	16.38	16.44
6	16.93	---	---	16.85	16.04	16.54	16.28	15.82	16.12	16.28	16.40	16.45
7	16.94	---	---	16.77	16.03	16.51	16.28	15.76	16.18	16.30	16.41	16.41
8	16.96	---	---	16.70	16.07	16.33	16.26	15.72	16.19	16.28	16.43	16.39
9	16.97	---	---	16.68	16.16	16.06	16.05	15.83	16.17	16.27	16.43	16.49
10	16.98	---	---	16.75	16.21	16.08	16.05	15.86	16.11	16.30	16.35	16.55
11	16.97	---	---	16.81	16.16	16.08	16.13	15.93	16.08	16.33	16.35	16.54
12	16.97	---	---	16.89	16.18	16.08	16.16	15.99	16.06	16.34	16.39	16.51
13	16.95	---	---	16.89	16.29	16.06	16.13	16.08	16.04	16.36	16.40	16.51
14	16.91	---	---	16.91	16.42	15.96	16.05	16.11	16.03	16.37	16.38	16.54
15	16.91	---	---	16.80	16.57	15.97	16.02	16.11	16.03	16.38	16.36	16.58
16	16.92	---	17.01	16.61	16.49	16.05	16.03	16.08	16.12	16.38	16.33	16.59
17	16.92	---	16.97	16.52	16.29	16.10	15.96	16.08	16.20	16.37	16.34	16.59
18	16.90	---	17.01	16.55	16.16	16.12	15.98	16.10	16.23	16.39	16.36	16.58
19	16.85	---	17.03	16.55	16.18	16.07	15.90	16.14	16.23	16.46	16.37	16.61
20	16.88	---	16.99	16.58	16.18	15.98	15.83	16.15	16.23	16.50	16.42	16.63
21	16.89	---	17.00	16.65	16.26	15.98	15.77	16.13	16.24	16.47	16.42	16.61
22	---	---	16.95	16.69	16.31	16.09	15.66	16.19	16.25	16.51	16.40	16.57
23	---	---	16.90	16.56	16.22	16.19	15.63	16.21	16.22	16.51	16.38	16.62
24	---	---	16.86	16.49	16.32	16.24	15.60	16.25	16.20	16.48	16.39	16.67
25	---	---	16.72	16.64	16.39	16.34	15.62	16.24	16.23	16.49	16.38	16.67
26	---	---	16.70	16.74	16.39	16.33	15.60	16.23	16.20	16.51	16.39	16.67
27	---	---	16.68	16.58	16.32	16.27	15.61	16.23	16.17	16.32	16.45	16.64
28	---	---	16.79	16.27	16.36	16.21	15.72	16.24	16.17	16.21	16.50	16.63
29	---	---	16.75	16.24	---	16.21	15.78	16.24	16.18	16.18	16.51	16.63
30	---	---	16.77	16.21	---	16.22	15.75	16.22	16.16	16.22	16.55	16.61
31	---	---	16.89	16.28	---	16.21	---	16.16	---	16.27	16.58	---
MEAN	---	---	---	16.68	16.26	16.21	15.96	16.02	16.15	16.35	16.40	16.56
MAX	---	---	---	17.04	16.57	16.54	16.28	16.25	16.25	16.51	16.58	16.67
MIN	---	---	---	16.21	16.00	15.96	15.60	15.65	16.03	16.18	16.33	16.39



A

AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC	02110755	38
AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, SC	02110770	42
AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC	02110777	44
AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC	02110760	40
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BLACK CREEK NEAR MCBEE, SC	02130900	70
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BLUE HILL CREEK AT ABBEVILLE, SC	02192830	410
BROAD RIVER AT ALSTON, SC	02161000	195
Broad River Basin, crest-stage partial record stations in		484
BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC	02162110	200
BROAD RIVER DIVERSION DAM AT COLUMBIA, SC	02162100	199
BROAD RIVER NEAR BLACKSBURG, SC	02153200	128
BROAD RIVER NEAR CARLISLE, SC	02156500	146
BROAD RIVER NEAR JENKINSVILLE, SC	02160991	186
BROAD RIVER NEAR LOCKHART, SC	02156409	143
BULL CREEK NEAR BUCKSPORT, SC	021108044	58
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BUSH RIVER NEAR PROSPERITY, SC	02167582	232

C

CATAWBA RIVER BELOW CATAWBA, SC	02147020	106
CATAWBA RIVER NEAR ROCK HILL, SC	02146000	104
CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC	02169672	280
CHATTOOGA RIVER NEAR CLAYTON, GA	02177000	387
CLARKS FORK CREEK NEAR SMYRNA, SC	02153780	130
Combahee River Basin, crest-stage partial-record stations in		484
CONEROSS CREEK NEAR SENECA, SC	02186645	396
CONGAREE RIVER AT COLUMBIA, SC	02169500	275
CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC	02169625	279
COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC	021720710	357
COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC	021720711	363
COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC	021720677	333
COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC	02172053	327
COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC	021720709	349
Cooper River Basin, crest-stage partial-record stations in		483
COOPER RIVER NEAR GOOSE CREEK, SC	02172050	321
COOSAWHATCHIE RIVER NEAR EARLY BRANCH, SC	02176517	383
COOSAWHATCHIE RIVER NEAR GRAYS, SC	02176518	385
COOSAWHATCHIE RIVER NEAR HAMPTON, SC	02176500	381
COW CASTLE CREEK NEAR BOWMAN, SC	02174250	375
CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC	021973012	434

D

D-003 AT SAVANNAH RIVER SITE, SC	02197324	442
D-006 AT SAVANNAH RIVER SITE, SC	02197323	440
DEAN SWAMP CREEK NEAR SALLEY, SC	02172640	365
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DURBIN CREEK ABOVE FOUNTAIN INN, SC	02160381	170

E

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EDISTO RIVER NEAR GIVHANS, SC	02175000	377
ENOREE RIVER AT PELHAM, SC	02160326	168
ENOREE RIVER AT TAYLORS, SC	02160200	166
ENOREE RIVER AT WHITMIRE, SC	02160700	174
ENOREE RIVER NEAR WOODRUFF, SC	02160390	172

F

FAIRFOREST CREEK BELOW SPARTANBURG, SC	02159810	155
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Ground Water Records		487
GROVE CREEK NEAR PIEDMONT, SC	021630967	209

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HARTWELL LAKE NEAR HARTWELL, GA	02187250	398
HARTWELL LAKE TAILRACE NEAR HARTWELL, GA	02187251	399

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L

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M

MIDDLE SALUDA RIVER NEAR CLEVELAND, SC	02162350	201
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N

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NINETY-SIX CREEK NEAR NINETY-SIX, SC	02166970	224
NORTH FORK EDISTO RIVER AT ORANGEBURG, SC	02173500	373
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P

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R

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SANTEE RIVER NEAR PINEVILLE, SC	02171500	284
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SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA	02197500	472
SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA	02196999	426
SAVANNAH RIVER AT STEVENS CREEK DAM NEAR MORGANA, SC	02196483	417
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SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA	02187252	401
SAVANNAH RIVER BELOW STEVENS CREEK DAM NEAR MORGANA, SC	021964831	418
SAVANNAH RIVER NEAR CLYO, GA	02198500	474
SAVANNAH RIVER NEAR JACKSON, SC	02197320	438
SAVANNAH RIVER NEAR NORTH AUGUSTA, SC	02196484	419
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WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC	02110704	32
WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC	02110815	60
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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
<i>Area</i>		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
<i>Volume</i>		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
<i>Flow</i>		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
<i>Mass</i>		
ton (short)	9.072×10^{-1}	megagram or metric ton

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

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