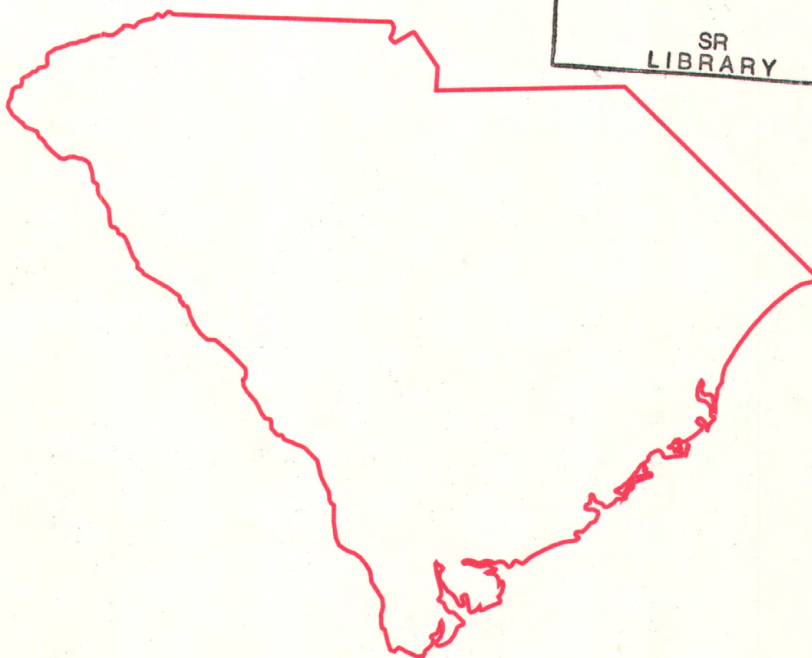
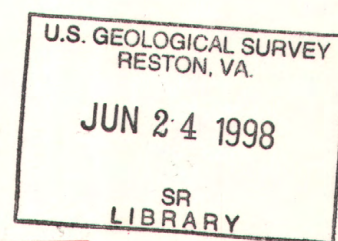


Water Resources Data South Carolina Water Year 1997



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-97-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies



CALENDAR FOR WATER YEAR 1997

1996

OCTOBER							NOVEMBER							DECEMBER						
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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1997

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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12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29
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APRIL							MAY							JUNE						
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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6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
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Water Resources Data South Carolina Water Year 1997

by T.W. Cooney, K.H. Jones, P.A. Drewes, J.W. Gissendanner, and
B.W. Church



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-97-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U. S. GEOLOGICAL SURVEY

Thomas J. Casadevall, Acting Director

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U.S. Geological Survey
Stephenson Center-Suite 129
720 Gracern Road
Columbia, S.C. 29210-7651**

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:

John M. Barton	John W. Erbland	K. Brady Long	Dale F. Skipper
Dave E. Bower	J. Michael Hall	Frank Melendez	Chris A. Smith
Paul A. Conrads	Henry E. Herlong	Tom E. Moad	Brian F. Wahl
Brian L. Daniels	Albert A. Jackson	Greg L. Murray	
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Jan Marie Booth and Natalie S. Rice typed, edited, and assembled the report. This report was prepared in cooperation with the State of South Carolina and with other agencies under the general supervision of Marjorie S. Davenport, District Chief, South Carolina.

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13. ABSTRACT (Maximum 200 words) Water Resources data for the 1997 water year for South Carolina consists of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and levels of ground-water wells. This volume contains records for water discharge at 118 gaging stations, stage only at 30 gaging stations, stage and contents at 15 lakes and reservoirs, water-quality at 35 gaging stations and at one observation well, and water levels at 56 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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333230081290501.	Local number, AK-826.	443
333235081290801.	Local number, AK-845.	444
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331043081185601.	Local number, BW-356.	457
331914081242801.	Local number, BW-358.	458
331916081242801.	Local number, BW-359.	459
331915081242801.	Local number, BW-360.	460
331903081242702.	Local number, BW-365.	461
331901081242801.	Local number, BW-366.	462
331902081242804.	Local number, BW-367.	463
331901081242703.	Local number, BW-368.	464
<u>BEAUFORT COUNTY</u>		
321005080442705.	Local number, BFT-101.	465
321551080491003.	Local number, BFT-429.	466
321603080432202.	Local number, BFT-1810.	467
321358080403802.	Local number, BFT-1814.	470
<u>BERKELEY COUNTY</u>		
331022080021801.	Local number, BRK-431.	471
<u>CHARLESTON COUNTY</u>		
324729079472001.	Local number, CHN-14.	472
324741080041400.	Local number, CHN-44.	473
330247079340300.	Local number, CHN-101.	474
<u>CHEROKEE COUNTY</u>		
350927081270100.	Local number, CRK-67.	475
<u>CHESTER COUNTY 477</u>		
344000081250011.	Local number, CTR-21.	476
<u>COLLETON COUNTY</u>		
330256080354500.	Local number, COL-97.	477

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

Station Number	Station Name	Page
<u>FLORENCE COUNTY</u>		
340806079563100.	Local number, FLO-85.	478
341200079444100.	Local number, FLO-99.	479
341144079345001.	Local number, FLO-128.	480
<u>GEORGETOWN COUNTY</u>		
332424079171800.	Local number, GEO-77.	481
<u>GREENVILLE COUNTY</u>		
345335082185800.	Local number, GRV-709.	482
350622082373608.	Local number, GRV-712.	483
<u>HAMPTON COUNTY</u>		
324143080505900.	Local number, HAM-83.	484
<u>KERSHAW COUNTY</u>		
343330080263700.	Local number, KER-263.	485
<u>LAURENS COUNTY</u>		
342948081451001.	Local number, LAU-52.	486
<u>MARION COUNTY</u>		
335143079195000.	Local number, MN-77.	487
<u>MARLBORO COUNTY</u>		
342935079431000.	Local number, MLB-110.	488
343715079411500.	Local number, MLB-112/134.	489
<u>MCCORMICK COUNTY</u>		
335336082214600.	Local number, MCK-52.	490
<u>OCONEE COUNTY</u>		
345051083041800.	Local number, OC-233.	491
<u>RICHLAND COUNTY</u>		
340540081021508.	Local number, RIC-309.	492
<u>SALUDA COUNTY</u>		
340517081401300.	Local number, SAL-69.	493
<u>SPARTANBURG COUNTY</u>		
345145081502900.	Local number, SP-1581.	494
<u>YORK COUNTY</u>		
350150081012500.	Local number, YK-147.	495

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

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

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

Station name	Station number	Drainage area (mi ²)	Period of record
PEE DEE RIVER BASIN			
Whites Creek near Wallace, S.C. (d)	02129590	26.4	1980-95
Juniper Creek near Cheraw, S.C. (d)	02130500	64.0	1941-58
Cedar Creek at Society Hill, S.C. (d)	02130600	58.2	1971-81
Catfish Canal at Sellers, S.C. (d)	02131150	27.4	1967-92
Lynches River near Bishopville, S.C. (d)	02131500*	675	1943-71
Little Pee Dee River near Dillon, S.C. (d)	02132500*	524	1939-71
Black River near Gable, S.C. (d)	02135500	401	1951-66, 1972-92
Pocotaoliago River at Sumter, S.C. (d)	02135517	134	1993-95
Pocotaoliago River near Sumter, S.C. (d)	02135600	185	1993-95
Pocotaoliago River at Manning, S.C. (d)	02135625	306	1994-95
SANTEE RIVER BASIN			
Catawba River at Catawba, S.C. (d)	02147000	3,530	1968-92
Bear Creek at Lancaster, S.C. (d)	02147240	66.6	1978-82
Colonels Creek near Leesburg, S.C. (d)	02148300	38.1	1966-80
Broad River near Gaffney, S.C. (d)	02153500	1,490	1938-71, 1986-90
Black Creek near Fingerville, S.C. (d)	02155600	10.0	1967-69
Pacolet River near Clifton, S.C. (d)	02156000	320	1940-71
Lawsons Fork Creek at Spartanburg, S.C. (d)	02156300*	74.7	1966-70
North Tyger River near Fairmont, S.C. (d)	02157000	44.4	1951-88
Middle Tyger River at Lyman, S.C. (d)	02157500*	68.3	1938-67
North Tyger River near Moore, S.C. (d)	02158000	162	1934-67
Maple Creek near Duncan, S.C. (d)	021584051	10.2	1993-95
South Tyger River Below Lyman, S.C. (d)	02158410	96.3	1993-95
South Tyger River near Reidville, S.C. (d)	02158500	106	1935-67
South Tyger River near Woodruff, S.C. (d)	02159000	174	1934-71
Tyger River near Woodruff, S.C. (d)	02159500	351	1930-56
Dutchman Creek near Pauline, S.C. (d)	02159600*	8.9	1966-69
Fairforest Creek at Spartanburg, S.C. (d)	02159800	17.0	1966-70
Fairforest Creek near Union, S.C. (d)	02160000*	183	1940-71
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 Pelzer, S.C. (d)	02163000	405	1930-71
Hamilton Creek near Easley, S.C. (d)	02162525*	1.6	1981-86
Saluda River near Silverstreet, S.C. (d)	02167500	1,620	1927-65
Congaree Creek at Cayce, S.C. (d)	02169550	122	1960-80
Big Beaver Creek near St. Matthews, S.C. (d)	02169630	10.0	1966-93
Cedar Creek below Myers Creek near Hopkins, S.C. (d)	02169670	66.9	1981-85
Lake Marion at Buckingham Landing near Lone Star, S.C. (e)	02169850	---	1977-80
Lake Marion at Rimini, S.C. (e)	02169900	14,194	1975-78
Santee River at Ferguson, S.C. (d)	02170000	14,600	1908-41
Lakes Marion-moultrie Diverson Canal near Lone Star, S.C. (d)	02170500	---	1944-86
Santee River below St. Stephans, S.C. (d)	02171650	14,900	1966-82
Wedboo Creek near Jamestown, S.C. (d)	02171680	17.4	1966-72, 1973-92

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

Station name	Station number	Drainage area (mi ²)	Period of record
Minim Creek at AIW near North Santee, S.C. (e)	02171820	---	1974-75, 1976-93
COOPER RIVER BASIN			
East Branch Cooper River near Goose Creek, S.C. (e)	02172037	---	1991-95
Foster Creek at Goose Creek, S.C. (e)	021720612	---	1991-94
Cooper River at Army Depot near North Charleston, S.C. (e)	021720675	---	1993-95
WANDO RIVER BASIN			
Wando River above Cainhoy, S.C. (e)	021720694	---	1992-95
Guerin Creek above Cainhoy, S.C. (e)	021720695	---	1992-95
Wando River at Cainhoy, S.C. (e)	021720696	---	1992-95
Wando River above Mount Pleasant, S.C. (e)	021720698	---	1992-95
ASHLEY RIVER BASIN			
Ashley River at Cooke Crossroads, S.C. (e)	02172081	---	1992-95
Ashley River near North Charleston, S.C. (e)	021720869	---	1992-95
Ashley River at Charleston, S.C. (e)	02172090	---	1992-95
Wappoo Creek at James Island, S.C. (e)	02172091	---	1992-95
CHARLESTON HARBOR			
AIW at Sullivans Island, S.C. (e)	02172095	---	1992-95
Charleston Harbor at Fort Sumter near Mount Pleasant, S.C. (e)	02172100	---	1992-95
EDISTO RIVER BASIN			
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
Lake Keowee near Six Mile, S.C. (e)	02185300	795	1989-90
Keowee River near Newry, S.C. (d)	02185500	455	1939-61
Seneca River near Anderson, S.C. (d)	02187000	1,026	1928-59
Savannah River near Iva, S.C. (d)	02187500	2,231	1950-81
Rocky River near Calhoun Falls, S.C. (d)	02188000	267	1950-66
Savannah River near Calhoun Falls, S.C. (d)	02189000	2,876	1897-98, 1899-1900, 1930-32, 1938-81
Savannah River near Clarks Hill, S.C. (d)	02195000	6,150	1940-54
Horn Creek near Colliers, S.C. (d)	02196250	13.9	1981-94
Augusta Canal at Augusta, Ga. (d)	02196500	---	1931-57, 1989-92
Tinker Creek at Road 8-11 at Savannah River Site (d)	021973005	16.3	1993-96
Mill Creek at Savannah River Site (d)	021973007	---	1995-96
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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1997

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

Station name	Station number	Drainage area (mi ²)	Period of record
Tims Branch at Road C at Savannah River Site (d)	02197309	17.5	1974-82 1985-96
X-004 at Savannah River Site (d)	02197321	---	1984-96
HP-52 Outfall at Savannah River Site (d)	021973305	---	1985-96
H-008 at Savannah River Site (d)	02197331	---	1985-96
Site No. 2 at Savannah River Site (d)	02197332	0.30	1973-90
Site No. 4 at 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

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

Water resources data for the 1997 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and ground-water levels. This report contains discharge records for 118 gaging stations; stage-only records for 30 gaging stations; stage and contents for 15 lakes and reservoirs; water quality for 35 gaging stations; and water levels for 56 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-95-1." 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
Bowater-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

Streamflow

Rainfall totals and streamflows varied throughout South Carolina during the 1997 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was about 9 percent below normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was about 20 percent below normal and about 14 percent above normal, respectively, for the year. Below normal rainfall during the month of August and early September resulted in low 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 1997 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 1997 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	64	27
02162350 Middle Saluda River near Cleveland	21.0	16	10
Upper Coastal Plain			
02130900 Black Creek near McBee	108	39	17
02173000 South Fork Edisto River near Denmark	720	275	133
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	219	95
02176500 Coosawhatchie River near Hampton	203	.05	.0

A comparison of monthly and yearly mean discharges during the 1997 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 near 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 October, February, and August, and near normal the remainder of the year.

Ground Water

Ground-water levels reflect both the climatic conditions of the region and ground-water withdrawals. In the Piedmont ground water occurs in the fault and fracture systems of the crystalline rocks and in the shallow unconsolidated material overlying the rock. Water levels in the shallow water table aquifer in the Piedmont, which is not heavily pumped, decreased slightly during the 1997 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, decreased from 29.98 feet below land surface on October 1, 1996, to 31.75 feet below land surface on September 30, 1997, and varied about two 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 four feet from October 1, 1996, to July, and increased to 49.50 feet on September 30, 1997. The water level in well MN-77, an observation well near Conway, decreased from 36.57 feet on October 11, 1996 to 37.85 feet on September 30, 1997.

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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1997 HYDROLOGIC CONDITIONS

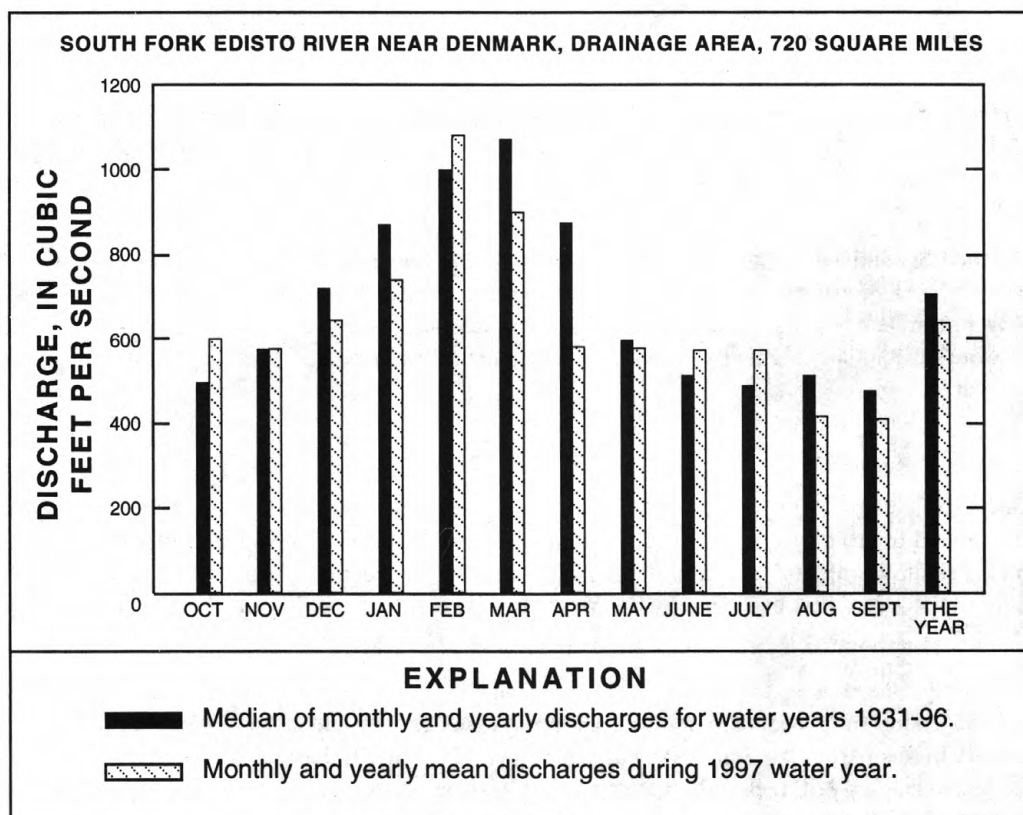
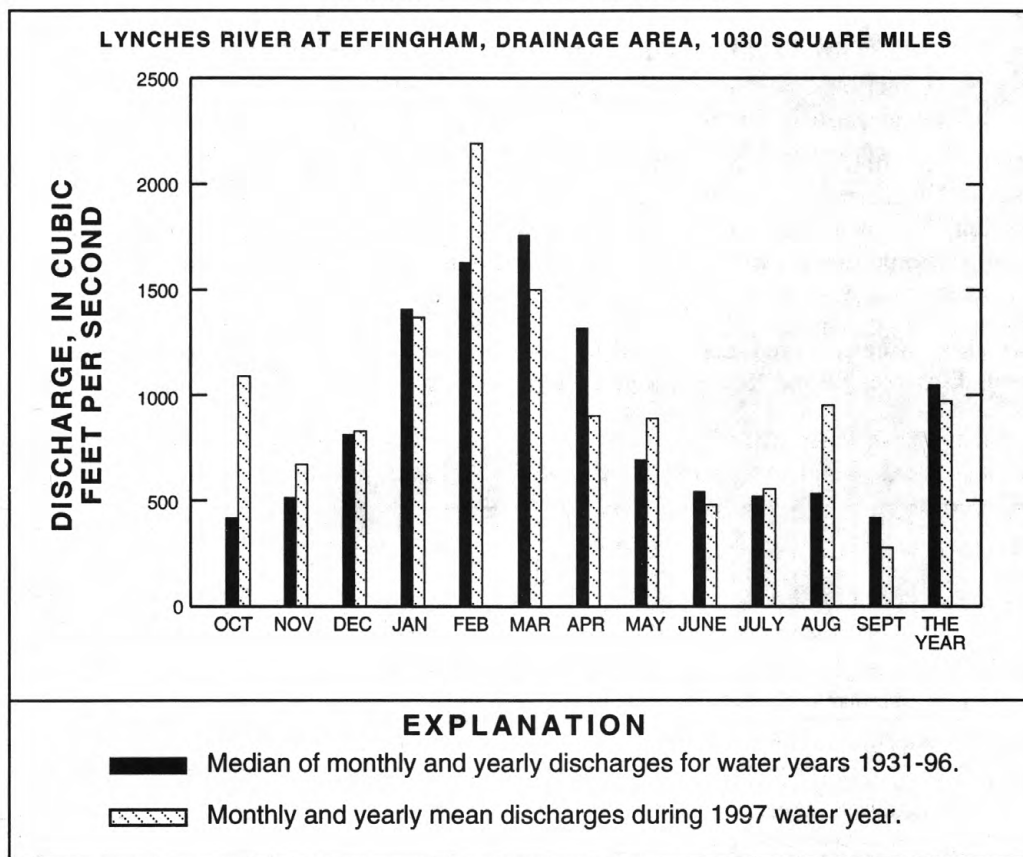


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1997 water year with the median discharges for the period of record.

NOTICE

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

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, 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 μ m 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 ($\mu\text{g/g}$) 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 ($\mu\text{G/L}$, $\mu\text{g/L}$) 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 based on the mass of sediment per liter of water-sediment mixture.

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 (m^2), 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 mixture (mg/L).

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 planimeted. All areas shown are those for the stage when the planimeted 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 or 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.

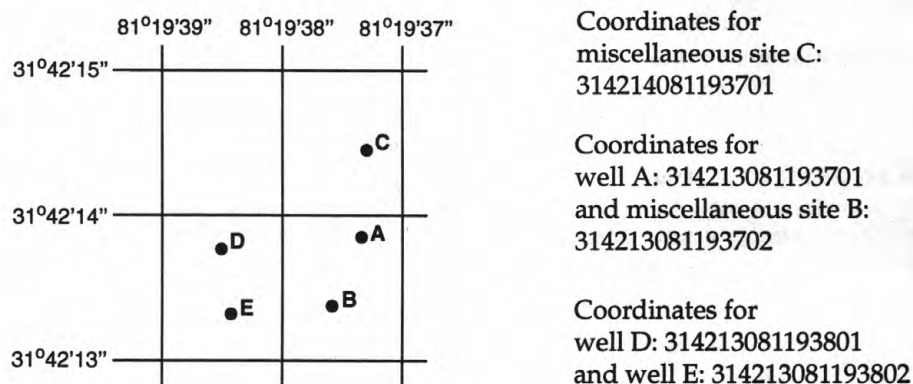


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

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 re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals.

The National Atmospheric Deposition Program/National Trends Network(NADP/NTN) provides continuous measurement and assessment of the chemical climate of precipitation throughout the United States. As the lead federal agency, the USGS works together with over 100 organizations to accomplish the following objectives; (1) Provide a long-term, spatial and temporal record of atmospheric deposition generated from a network of 191 precipitation chemistry monitoring sites. (2) Provide the mechanism to evaluate the effectiveness of the significant reduction of 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."

Data Presentation

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

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

STATION MANUSCRIPT.--The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments to follow clarify information presented under the various headings of the station description.

LOCATION.--Information on locations 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 ____-____, BY WATER (WY)," and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. It will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station is indicated in the manuscript.

Summary statistics

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

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

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

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

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

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

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

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

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

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

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

INSTANTANEOUS PEAK STAGE.--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

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

ANNUAL RUNOFF (AC-FT).--Indicates the depth, in acre-feet, to which the drainage area would be covered if all the runoff for the year were uniformly distributed on it.

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

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicates the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

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

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

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

Data collected at partial-record stations follow the information for continuous record sites. Data for partial-record discharge stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Accuracy of field data and computed results

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

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

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

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

Revised records

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

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

Other data available

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

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

RECORDS OF SURFACE-WATER QUALITY

Data Collection and Examination

Surface water samples for analyses usually are collected at or near gaging stations (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 RECORDSRemarks Codes

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

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

Dissolved Trace-Element Concentrations

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

Change in National Trends Network Procedures

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

RECORDS OF GROUND-WATER LEVEL AND QUALITY

Data Collection and Computation

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

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

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

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

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

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

Data Presentation

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

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

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

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

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

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

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

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

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

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

ACCESS TO USGS WATER DATA

The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily-mean and peak-flow discharge data for most current or discontinued gaging stations through the world wide web (WWW). These data may be accessed at

<http://www.water.usgs.gov>

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

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

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

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
- 2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L.M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
- 2-E2. *Borehole geophysics applied to ground-water investigations*, by W. S. Keys: USGS--TWRI Book 2, Chapter E2. 1990. 150 pages.
- 2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W. E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurement at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
- 3-A9. *Measurement of time of travel in streams by dye tracing*, by F. A. Kilpatrick and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1989. 27 pages.
- 3-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.
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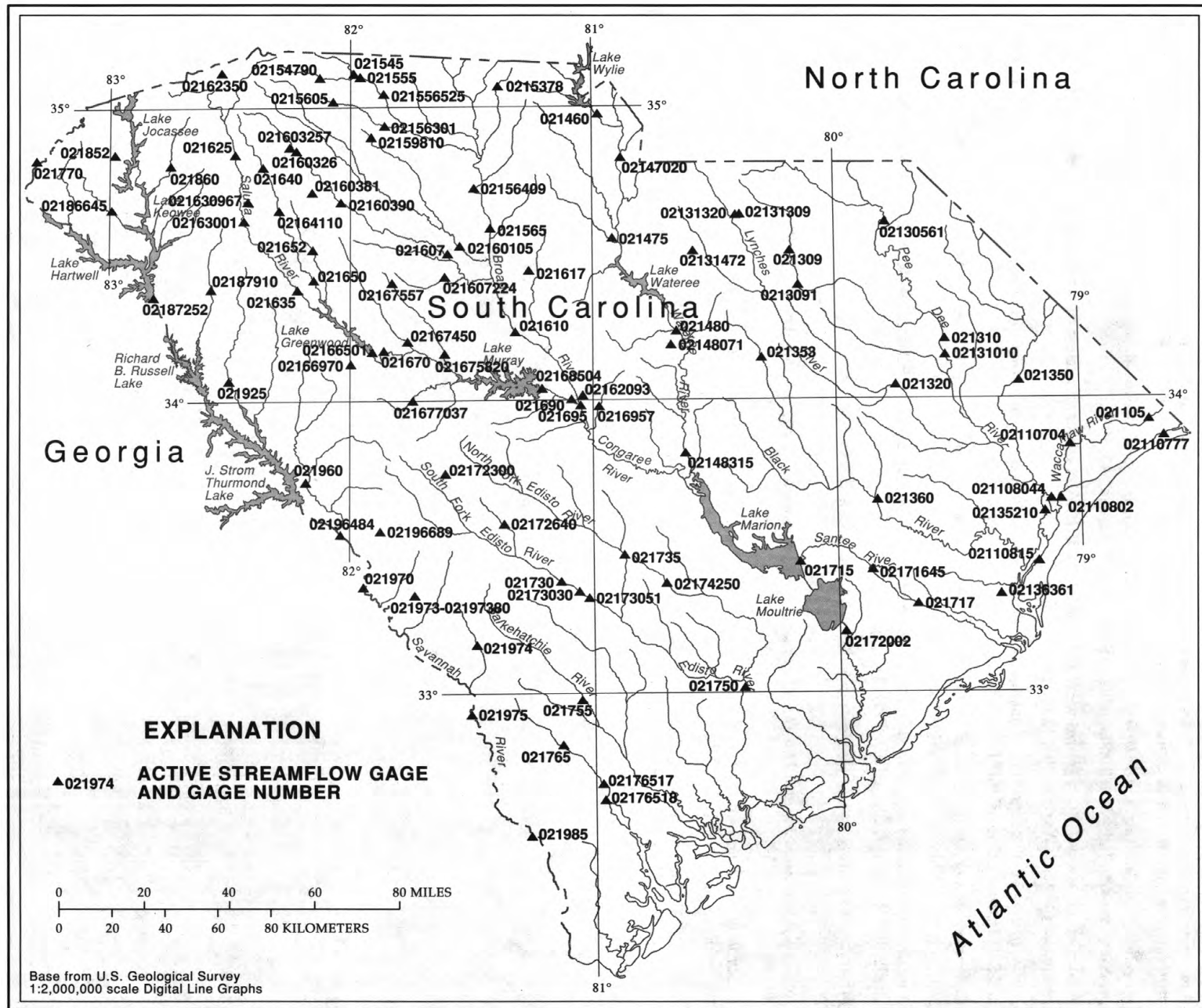


Figure 3.--Location of streamflow gaging stations.

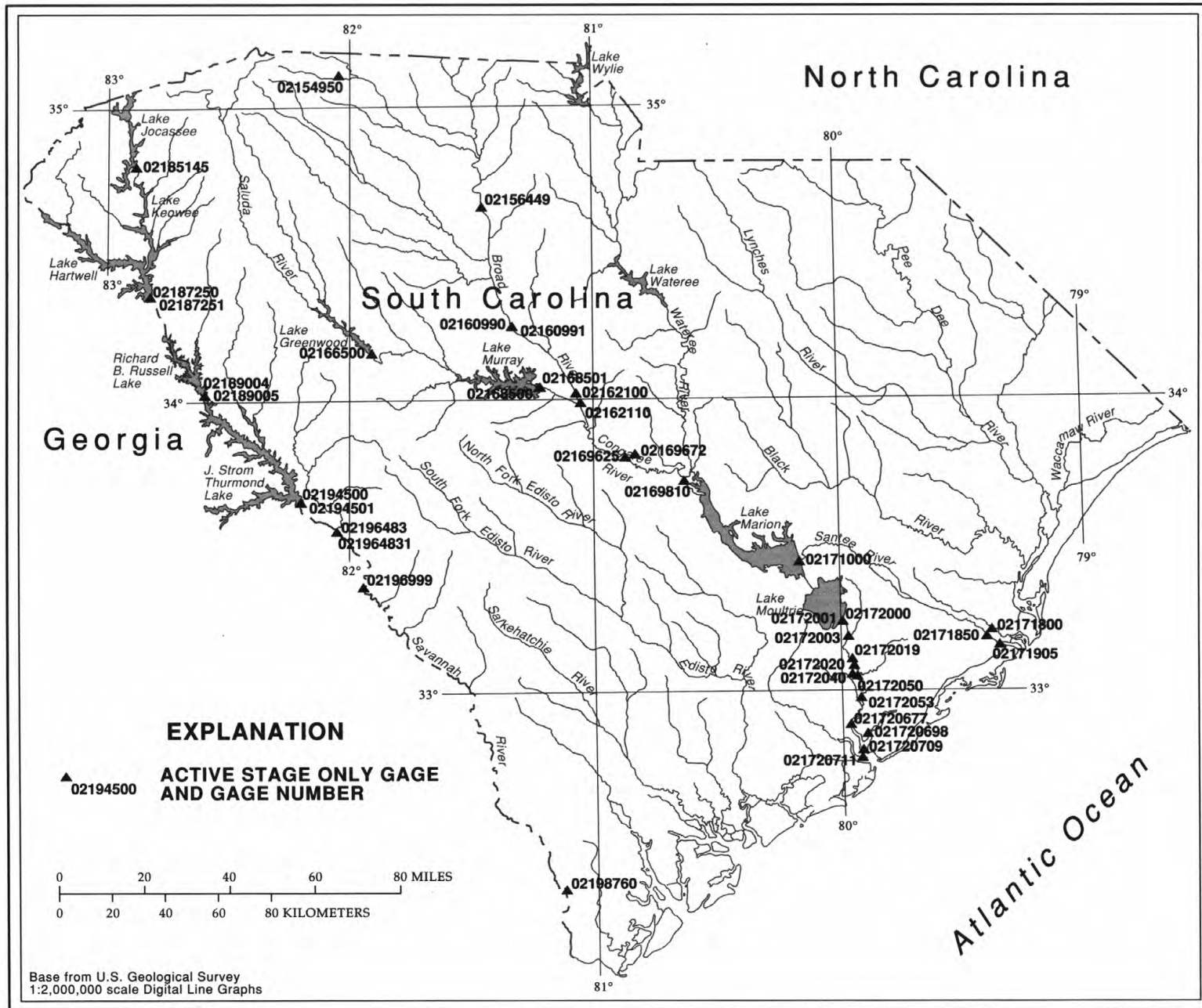
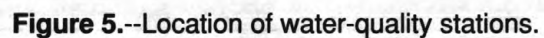


Figure 4.--Location of stage-only stations.



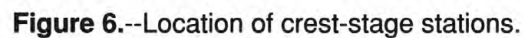




Figure 7.--Location of ground-water wells.

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, July 16 - 19, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3670	2020	668	1290	1850	3200	1330	918	96	66	357	27
2	3400	1890	809	1290	1800	3090	1270	933	90	69	290	25
3	3190	1780	836	1280	1770	2950	1200	973	87	74	256	24
4	2970	1630	847	1260	1750	2770	1140	1100	118	73	263	24
5	2740	1510	861	1240	1760	2590	1070	1140	115	74	373	22
6	2530	1420	892	1220	1760	2420	995	1140	151	74	550	20
7	2340	1340	924	1190	1750	2240	917	1090	357	79	586	18
8	3090	1270	977	1170	1730	2100	829	1020	462	116	583	16
9	4270	1190	1010	1220	1690	1980	742	946	495	177	570	15
10	4940	1120	1040	1350	1640	1870	652	859	492	211	565	14
11	4950	1070	1060	1370	1590	1740	566	770	475	220	569	41
12	5120	1020	1080	1370	1530	1620	513	688	446	210	564	50
13	5650	969	1100	1370	1480	1500	514	629	409	191	538	32
14	6190	922	1110	1370	1740	1570	469	571	369	167	480	25
15	6630	874	1110	1380	2140	1780	420	510	340	144	399	65
16	6950	829	1110	1450	2500	1710	381	450	306	122	312	95
17	7040	793	1110	1560	2580	1670	348	397	258	101	239	65
18	6940	759	1100	1610	2650	1660	319	347	215	101	182	48
19	6620	734	1150	1640	2840	1700	292	302	179	112	143	54
20	6190	703	1210	1660	3020	1790	271	263	149	110	114	51
21	5680	674	1220	1680	3160	1840	254	236	124	112	94	37
22	5170	681	1220	1710	3330	1830	246	206	104	107	78	30
23	4700	675	1230	1750	3380	1790	252	180	95	106	66	26
24	4260	662	1240	1790	3340	1720	246	159	92	110	56	24
25	3850	651	1260	1830	3290	1650	237	142	75	115	49	36
26	3490	644	1290	1850	3280	1590	224	134	65	118	43	53
27	3170	637	1320	1830	3280	1530	219	159	59	116	38	113
28	2880	630	1340	1790	3260	1480	362	134	63	106	34	309
29	2620	627	1340	1750	---	1460	896	121	68	101	31	483
30	2380	627	1330	1830	---	1420	918	112	70	204	29	487
31	2180	---	1310	1880	---	1380	---	102	---	318	27	---
TOTAL	135800	30351	34104	46980	65890	59640	18092	16731	6424	4004	8478	2329
MEAN	4381	1012	1100	1515	2353	1924	603	540	214	129	273	77.6
MAX	7040	2020	1340	1880	3380	3200	1330	1140	495	318	586	487
MIN	2180	627	668	1170	1480	1380	219	102	59	66	27	14
CFM	3.95	.91	.99	1.37	2.12	1.73	.54	.49	.19	.12	.25	.07
IN.	4.55	1.02	1.14	1.57	2.21	2.00	.61	.56	.22	.13	.28	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1997, BY WATER YEAR (WY)

	MEAN	853	590	776	1746	2205	2532	1740	612	555	832	1131	1118
MAX	4381	2864	2780	6330	5973	7748	5072	2916	2422	6191	5643	8317	
(WY)	1997	1978	1995	1993	1973	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

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1950 - 1997	
ANNUAL TOTAL	778250		428823		1220	
ANNUAL MEAN	2126		1175		2418	1960
HIGHEST ANNUAL MEAN					439	1952
LOWEST ANNUAL MEAN					16000	Aug 23 1981
HIGHEST DAILY MEAN	15700	Sep 15	7040	Oct 17	1.0	Oct 14 1954
LOWEST DAILY MEAN	53	Jun 12	14	Sep 10	2.0	Sep 7 1954
ANNUAL SEVEN-DAY MINIMUM	59	Jun 7	18	Sep 4	* 16200	Aug 23 1981
INSTANTANEOUS PEAK FLOW			7050 **	Oct 16	14.95	Sep 15 1996
INSTANTANEOUS PEAK STAGE			12.64**	Oct 16	1.0	Oct 14 1954
INSTANTANEOUS LOW FLOW			13	Sep 10	1.10	
ANNUAL RUNOFF (CFSM)	1.92		1.06		14.93	
ANNUAL RUNOFF (INCHES)	26.08		14.37		3070	
10 PERCENT EXCEEDS	4460		2910		690	
50 PERCENT EXCEEDS	1420		847		54	
90 PERCENT EXCEEDS	345		66			

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

**Also occurred on Oct. 17.

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, Dec. 1 - 12, Apr. 18 - 21, and June 20 to July 8, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6960	4030	700	1320	2110	3470	1310	1770	123	105	690	113
2	6600	3740	750	1310	2160	3480	957	1660	89	107	722	57
3	6120	3110	800	1650	2120	3520	1010	1570	46	112	588	44
4	5640	2950	850	1510	2010	3430	1050	1750	37	120	600	166
5	5200	2710	900	1440	1970	3260	1140	1650	86	135	634	233
6	4850	2440	950	1420	1940	2950	904	1650	7	155	1210	774
7	4530	2140	1000	1320	1830	3130	767	1550	551	185	1210	700
8	5450	1920	1050	1300	1840	3000	534	1350	628	240	1060	584
9	6810	1810	1100	1280	1980	2860	458	1320	898	277	974	533
10	7200	1710	1140	1910	1920	2510	387	1220	923	278	962	691
11	6740	1510	1180	1900	1840	2400	325	848	1010	133	770	836
12	6240	1370	1220	1650	1850	2160	203	979	600	79	626	941
13	5840	1230	1260	1540	1820	1990	435	811	467	294	671	246
14	5590	1120	1080	1610	1960	2010	346	908	462	310	501	-101
15	5570	1050	1000	1510	2780	2400	39	738	253	260	373	-68
16	5530	859	965	1560	3280	2510	107	742	198	228	444	476
17	5620	1010	1260	1780	3370	2400	190	548	155	211	428	202
18	5850	936	1380	1690	3410	2290	180	532	321	84	289	164
19	6050	851	1500	1580	3280	2190	200	511	268	155	62	108
20	6280	821	1760	1700	3190	2030	220	440	250	164	22	104
21	6360	964	1580	1760	3100	1950	250	321	230	127	219	415
22	6310	1440	1590	1680	3220	1930	302	142	210	237	161	331
23	6310	1220	1640	1800	3390	1950	180	220	190	286	36	908
24	6180	1240	1600	1700	3410	1940	295	258	170	14	63	1060
25	5980	1150	1650	1710	3390	1870	113	127	150	61	-9	240
26	5670	1160	1320	1900	3430	1940	281	184	130	-61	83	164
27	5380	999	1560	1760	3440	1900	11	64	110	144	14	912
28	5130	814	1440	1900	3440	1750	631	71	100	296	57	1970
29	4890	853	1480	1900	---	1780	1670	4	100	307	80	1770
30	4590	661	1560	1820	---	1650	1780	154	100	352	11	1370
31	4280	---	1500	2030	---	1510	---	148	---	527	43	---
TOTAL	179750	47818	38765	50940	73480	74160	16275	24240	8862	5922	13594	15943
MEAN	5798	1594	1250	1643	2624	2392	543	782	295	191	439	531
MAX	7200	4030	1760	2030	3440	3520	1780	1770	1010	527	1210	1970
MIN	4280	661	700	1280	1820	1510	11	4	7	-61	-9	-101

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
MEAN	3418	2010	1954	2703	2795	2568	1127	385	416	1258	1258	2845
MAX	5798	2916	3364	5371	4295	3261	2409	782	635	2025	2558	7472
(WY)	1997	1996	1995	1995	1996	1995	1996	1997	1995	1996	1996	1996
MIN	2154	1521	1249	1094	1510	2052	430	-16.3	295	191	439	531
(WY)	1995	1995	1996	1996	1996	1996	1995	1995	1997	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1995 - 1997

ANNUAL TOTAL	867692	549749	1891
ANNUAL MEAN	2371	1506	2183
HIGHEST ANNUAL MEAN			1506
LOWEST ANNUAL MEAN			12000
HIGHEST DAILY MEAN	12000	Sep 19	12000
LOWEST DAILY MEAN	-165	May 26	-283
ANNUAL SEVEN-DAY MINIMUM	34	Jun 3	-73
INSTANTANEOUS PEAK STAGE			* 14.21
10 PERCENT EXCEEDS	6070	3450	4400
50 PERCENT EXCEEDS	1580	1050	1430
90 PERCENT EXCEEDS	428	107	120

* From floodmarks.

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

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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 recorded, 1.5 mg/L, Sept. 17, 18, 1991, minimum observed, 1.0 mg/L, Sept. 16, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.5°C, July 21 - 23; minimum, 4.0°C, Jan. 20, 21.

DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Jan. 22; minimum, 2.9 mg/L, Aug. 22.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	11.5	11.0	11.0	12.0	11.5	12.0
2	---	---	---	---	---	---	11.5	11.0	11.5	12.0	11.5	12.0
3	---	---	---	---	---	---	11.5	11.0	11.0	12.5	12.0	12.0
4	---	---	---	---	---	---	11.0	11.0	11.0	12.5	12.0	12.5
5	---	---	---	---	---	---	11.0	11.0	11.0	13.0	12.5	12.5
6	---	---	---	---	---	---	11.0	10.5	10.5	13.0	12.5	13.0
7	---	---	---	---	---	---	10.5	10.5	10.5	13.0	12.5	13.0
8	---	---	---	---	---	---	10.5	10.0	10.0	13.0	12.0	12.5
9	---	---	---	---	---	---	10.0	9.5	9.5	12.0	11.0	11.5
10	---	---	---	---	---	---	9.5	9.0	9.0	11.0	10.0	10.5
11	---	---	---	---	---	---	9.0	9.0	9.0	10.0	8.5	9.5
12	---	---	---	---	---	---	10.0	9.0	9.5	8.5	8.0	8.0
13	---	---	---	---	---	---	10.0	9.5	9.5	8.0	7.0	7.5
14	---	---	---	---	---	---	10.0	9.5	10.0	7.0	6.0	6.5
15	---	---	---	---	---	---	10.5	10.0	10.0	6.5	6.0	6.0
16	---	---	---	---	---	---	10.0	10.0	10.0	7.0	6.0	6.5
17	---	---	---	---	---	---	10.5	10.0	10.0	7.0	6.5	7.0
18	---	---	---	---	---	---	10.5	10.0	10.5	7.0	6.0	6.5
19	---	---	---	11.0	10.5	10.5	10.0	9.5	10.0	6.0	5.0	5.5
20	---	---	---	11.0	10.5	11.0	9.5	8.5	9.0	5.0	4.0	4.5
21	---	---	---	12.0	11.0	11.0	8.5	7.5	8.0	5.0	4.0	4.5
22	---	---	---	12.0	11.5	11.5	7.5	7.0	7.0	5.0	4.5	4.5
23	---	---	---	11.5	11.0	11.0	7.0	6.0	6.5	6.5	5.0	5.5
24	---	---	---	11.0	10.5	11.0	7.0	6.0	6.5	7.5	6.0	7.0
25	---	---	---	11.5	10.5	11.0	7.5	7.0	7.5	8.5	7.5	8.0
26	---	---	---	12.0	11.5	11.5	8.0	7.5	7.5	9.0	8.5	8.5
27	---	---	---	12.0	11.5	12.0	8.5	8.0	8.0	9.5	8.5	9.0
28	---	---	---	11.5	11.0	11.5	9.0	8.5	8.5	9.5	9.0	9.5
29	---	---	---	11.0	11.0	11.0	9.5	9.0	9.0	9.5	9.5	9.5
30	---	---	---	11.0	11.0	11.0	10.5	9.5	10.0	9.5	9.0	9.5
31	---	---	---	---	---	---	12.0	10.5	11.0	9.0	8.5	9.0
MONTH	---	---	---	12.0	10.5	11.2	12.0	6.0	9.4	13.0	4.0	8.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.0	8.5	8.5	16.0	14.5	15.5	18.5	18.0	18.0	20.0	18.5	19.0
2	9.0	8.5	8.5	17.5	16.0	17.0	18.0	17.0	17.5	20.5	19.5	20.0
3	9.5	9.0	9.5	18.5	17.5	18.0	17.5	16.5	17.0	20.5	20.0	20.0
4	10.5	9.5	10.0	19.5	18.5	19.0	17.0	16.5	17.0	20.5	19.5	20.0
5	11.5	10.0	11.0	19.0	19.0	19.0	17.5	16.5	17.0	20.0	19.5	20.0
6	12.0	11.5	11.5	19.5	18.5	19.0	18.0	17.0	17.5	20.0	19.5	19.5
7	12.0	11.5	11.5	18.5	17.5	18.0	19.0	18.0	18.5	20.0	19.5	20.0
8	11.5	11.0	11.5	17.5	16.5	17.0	19.0	18.5	19.0	20.5	19.5	20.0
9	11.0	10.5	11.0	17.0	16.5	16.5	19.5	19.0	19.5	21.0	20.0	20.5
10	10.5	9.5	10.0	17.0	16.0	16.5	19.0	18.5	19.0	21.0	20.5	21.0
11	9.5	9.0	9.0	17.5	16.5	17.0	19.0	18.0	18.5	21.0	20.5	20.5
12	9.0	8.5	8.5	17.5	17.0	17.5	18.5	18.5	18.5	21.0	20.5	20.5
13	8.5	8.0	8.0	17.5	17.0	17.5	18.5	18.0	18.5	21.0	20.5	20.5
14	8.0	8.0	8.0	17.5	17.0	17.5	18.5	17.5	18.0	21.0	20.5	20.5
15	8.5	8.0	8.0	17.5	17.0	17.0	18.5	17.5	18.0	21.5	20.5	21.0
16	9.0	8.0	8.5	17.0	16.0	16.5	18.5	17.5	18.0	21.5	21.0	21.0
17	9.0	8.5	8.5	16.0	15.0	15.5	18.5	17.5	18.0	22.0	21.0	21.5
18	9.5	8.5	9.0	15.5	15.0	15.0	---	---	---	22.5	21.5	22.0
19	10.0	9.5	9.5	15.5	15.0	15.5	---	---	---	23.5	22.0	22.5
20	11.5	10.0	11.0	15.5	15.5	15.5	---	---	---	24.5	23.0	23.5
21	12.5	11.5	12.0	16.0	15.5	15.5	---	---	---	24.5	23.5	24.0
22	13.5	12.5	13.0	16.5	15.5	16.0	19.0	18.5	18.5	24.5	24.0	24.0
23	13.5	13.0	13.5	17.0	16.0	16.5	19.5	19.0	19.0	24.5	24.0	24.0
24	13.0	12.5	13.0	17.0	16.5	16.5	19.0	18.5	18.5	24.5	24.0	24.0
25	13.0	12.5	12.5	17.0	16.0	16.5	19.0	18.5	18.5	24.5	24.0	24.5
26	12.5	12.0	12.5	17.0	16.5	17.0	19.0	18.0	18.5	25.0	24.0	24.5
27	13.5	12.5	13.0	17.5	16.5	17.0	18.5	18.0	18.5	25.0	24.5	25.0
28	14.5	13.5	14.0	17.5	17.0	17.5	18.5	18.5	18.5	24.5	24.0	24.0
29	---	---	---	18.5	17.5	18.0	19.0	18.5	19.0	24.0	23.0	23.5
30	---	---	---	19.0	18.0	18.5	19.0	18.5	19.0	24.0	23.0	23.5
31	---	---	---	19.5	18.5	19.0	---	---	---	24.0	23.5	24.0
MONTH	14.5	8.0	10.5	19.5	14.5	17.0	19.5	16.5	18.3	25.0	18.5	21.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	24.5	24.0	24.0	27.5	26.5	27.0	27.5	26.5	27.0	29.5	28.0	29.0
2	25.0	24.5	24.5	27.5								

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

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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

LITTLE RIVER BASIN
02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: April 1986 to September 1989 (discontinued).

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

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

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, 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, 8,920 microsiemens, Aug. 20; minimum, 58 microsiemens, Oct. 23, 29, 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	86	62	70	86	65	72	169	111	132	120	104	112
2	87	62	70	112	64	78	166	110	135	137	104	115
3	107	67	78	93	64	80	163	124	145	132	91	105
4	100	69	80	145	75	89	196	126	149	118	92	104
5	99	71	82	111	73	84	163	130	148	125	100	109
6	100	73	81	109	74	85	167	129	144	128	98	110
7	85	71	76	114	78	90	158	125	141	138	98	114
8	115	76	90	135	83	94	179	126	147	164	102	120
9	130	64	83	117	81	93	170	131	144	522	104	193
10	127	64	78	146	85	102	208	128	153	133	105	118
11	96	63	75	147	90	107	178	122	147	154	99	125
12	107	61	79	165	94	119	177	122	145	146	104	125
13	103	65	78	158	89	122	165	128	146	142	105	121
14	122	65	78	191	107	133	172	129	147	140	95	121
15	109	66	77	192	104	132	171	137	148	135	95	118
16	130	66	81	205	110	137	156	131	146	211	105	130
17	119	68	83	133	102	118	164	127	143	144	104	117
18	125	67	81	140	98	116	150	117	131	140	104	117
19	94	64	75	143	99	118	165	120	141	133	94	113
20	95	64	74	158	104	128	175	127	144	133	103	112
21	112	64	77	229	110	136	174	118	142	139	89	110
22	117	64	78	229	112	134	159	110	129	134	100	111
23	103	58	70	170	102	130	159	99	121	140	100	113
24	100	64	77	159	113	128	143	106	121	133	100	112
25	113	65	80	162	109	129	144	101	120	141	101	115
26	110	66	79	163	104	128	141	108	119	128	99	113
27	113	59	75	158	104	127	133	105	116	137	101	113
28	113	62	78	161	92	130	146	102	116	133	100	110
29	82	58	69	150	114	128	145	101	115	115	103	107
30	86	59	69	138	115	129	136	104	112	128	103	111
31	74	58	66	---	---	---	122	105	112	129	94	114
MONTH	130	58	77	229	64	113	208	99	135	522	89	117

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	137	106	114	115	79	93	---	---	---	---	---	---
2	134	102	113	121	83	94	---	---	---	---	---	---
3	144	105	120	126	84	99	---	---	---	---	---	---
4	136	112	121	117	85	95	---	---	---	---	---	---
5	156	110	123	131	85	100	---	---	---	---	---	---
6	142	108	121	126	84	102	---	---	---	---	---	---
7	134	106	119	137	86	108	---	---	---	144	94	116
8	130	104	115	164	102	115	---	---	---	140	86	115
9	137	98	111	141	98	112	---	---	---	144	90	110
10	115	101	108	138	92	107	---	---	---	122	84	103
11	144	94	110	124	88	102	---	---	---	116	78	97
12	122	92	107	122	89	103	---	---	---	118	80	93
13	114	91	100	122	85	98	---	---	---	144	82	99
14	125	88	102	122	85	94	---	---	---	124	74	99
15	123	99	108	119	86	99	---	---	---	124	82	99
16	121	99	107	118	83	95	---	---	---	120	80	97
17	121	93	102	117	82	94	---	---	---	122	84	102
18	118	90	98	120	82	96	---	---	---	144	86	108
19	118	78	96	123	86	96	---	---	---	130	88	108
20	123	80	95	105	86	93	---	---	---	138	94	112
21	120	82	93	122	84	99	---	---	---	178	98	126
22	109	87	96	115	81	94	---	---	---	218	100	137
23	111	81	95	112	78	94	---	---	---	204	108	138
24	108	72	88	107	79	91	---	---	---	184	112	141
25	97	73	83	116	81	92	---	---	---	232	112	148
26	100	78	83	114	78	88	---	---	---	224	112	151
27	115	76	94	119	79	90	---	---	---	240	122	174
28	118	76	91	---	---	---	---	---	---	2080	130	587
29	---	---	---	---	---	---	---	---	---	302	130	202
30	---	---	---	---	---	---	---	---	---	186	135	157
31	---	---	---	---	---	---	---	---	---	238	123	165
MONTH	156	72	104	164	78	98	---	---	---	2080	74	143
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	276	124	170	211	120	147	---	---	---	842	106	238
2	588	120	224	303	102	162	---	---	---	776	110	233
3	658	126	250	283	109	150	---	---	---	301	117	191
4	1850	125	359	172	107	139	---	---	---	732	116	284
5	6520	149	774	157	103	128	---	---	---	771	128	379
6	6600	161	1250	186	108	139	---	---	---	407	122	228
7	884	118	297	189	101	138	---	---	---	193	110	156
8	152	96	129	149	101	125	---	---	---	182	110	143
9	132	92	114	149	104	127	---	---	---	294	109	161
10	126	89	107	166	103	135	---	---	---	639	109	233
11	131	88	108	152	107	130	---	---	---	222	121	172
12	125	82	104	155	101	132	---	---	---	403	112	187
13	130	82	103	144	92	121	---	---	---	664	118	247
14	134	81	102	138	92	116	---	---	---	1140	126	331
15	125	92	105	168	86	121	---	---	---	823	143	308
16	135	96	112	395	91	160	---	---	---	706	144	297
17	162	96	124	1010	90	274	485	88	159	888	143	388
18	160	103	126	1650	107	379	925	106	252	1330	164	504
19	151	102	130	2380	108	488	8160	97	1100	1530	165	607
20	233	104	145	2790	117	608	8920	167	4550	648	164	378
21	233	113	159	2910	122	738	3690	89	1020	425	159	228
22	235	109	148	2910	113	654	517	71	281	423	158	243
23	210	106	147	1290	108	431	393	87	210	186	141	175
24	224	112	162	1640	98	452	408	89	163	341	122	185
25	285	115	166	200	89	135	303	87	144	198	138	164
26	265	116	163	439	93	200	137	90	105	187	134	154
27	317	117	170	---	---	---	208	75	117	160	120	141
28	637	118	291	---	---	---	304	88	144	196	84	133
29	202	120	161	---	---	---	477	90	176	171	86	117
30	167	117	139	---	---	---	1480	97	339	156	103	129
31	---	---	---	---	---	---	1080	116	319	---	---	---
MONTH	6600	81	218	2910	86	251	8920	71	605	1530	84	244
YEAR	8920	58	172									

LITTLE RIVER BASIN
02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC

39

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

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

PERIOD OF DAILY RECORD.--

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

pH: February 1986 to September 1989 (discontinued).

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

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

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, Nov. 26, 1996; minimum, 32 microsiemens, 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, 293 microsiemens, Nov. 26; minimum, 34 microsiemens, Oct. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	74	44	53	91	40	54	118	75	86	100	86	93
2	74	44	57	63	42	52	203	72	108	108	86	93
3	108	48	65	80	48	63	137	92	104	134	84	95
4	98	50	67	80	49	61	133	87	105	112	86	96
5	94	48	63	100	47	61	134	85	98	168	86	105
6	84	48	61	91	47	60	136	85	100	202	88	124
7	70	48	55	99	47	63	116	78	95	188	90	109
8	112	52	73	103	51	63	136	86	100	130	88	101
9	86	34	55	95	53	68	135	81	97	190	96	115
10	90	44	58	104	53	71	133	81	96	168	108	123
11	90	48	60	110	43	71	143	77	94	140	106	116
12	90	44	61	118	49	75	120	70	87	134	104	114
13	86	43	59	101	63	75	122	72	90	130	98	109
14	92	41	57	117	61	78	126	84	96	128	92	105
15	84	37	57	109	65	79	133	84	98	184	92	112
16	90	42	58	108	66	80	106	84	97	206	100	141
17	88	42	56	96	66	75	126	84	98	150	98	111
18	86	42	52	108	63	76	114	86	98	136	92	105
19	84	44	58	99	66	77	130	100	112	128	94	105
20	114	39	68	105	71	85	128	96	110	128	88	104
21	118	43	62	115	73	88	126	90	103	182	88	105
22	70	44	52	117	73	94	122	82	97	114	86	96
23	78	40	50	120	72	91	124	80	94	222	86	106
24	78	42	53	110	74	86	122	84	94	130	86	98
25	76	42	54	138	60	84	126	86	98	112	86	95
26	68	40	53	293	63	103	112	86	94	202	83	109
27	82	38	52	115	74	86	130	82	95	166	85	108
28	86	41	52	111	76	89	134	84	96	---	---	---
29	80	44	54	106	77	88	180	86	101	---	---	---
30	82	38	51	96	72	84	188	86	102	---	---	---
31	91	40	53	---	---	---	124	88	97	---	---	---
MONTH	118	34	57	293	40	76	203	70	98	222	83	107

**SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued**

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	106	96	98	---	---	---	---	---	---	---	---	---
2	104	94	99	---	---	---	---	---	---	---	---	---
3	164	94	101	---	---	---	---	---	---	247	105	170
4	108	94	99	---	---	---	---	---	---	222	113	161
5	176	92	103	---	---	---	---	---	---	180	115	142
6	104	92	99	---	---	---	---	---	---	253	105	153
7	108	96	100	---	---	---	---	---	---	---	---	---
8	106	94	98	---	---	---	---	---	---	199	94	120
9	104	92	97	---	---	---	---	---	---	191	80	123
10	102	94	98	---	---	---	---	---	---	194	79	138
11	104	94	98	---	---	---	---	---	---	246	72	106
12	100	90	96	---	---	---	---	---	---	199	69	96
13	106	92	97	---	---	---	---	---	---	161	69	106
14	146	96	112	---	---	---	100	80	91	196	70	111
15	180	106	116	---	---	---	167	80	96	236	70	132
16	138	98	107	---	---	---	159	78	94	125	68	81
17	186	96	106	---	---	---	100	76	83	147	70	91
18	106	96	99	---	---	---	161	72	106	163	72	94
19	120	92	98	---	---	---	184	78	124	169	75	117
20	182	92	106	---	---	---	---	---	---	153	75	113
21	---	---	---	---	---	---	---	---	---	157	81	126
22	---	---	---	---	---	---	---	---	---	160	78	126
23	---	---	---	---	---	---	---	---	---	191	88	136
24	---	---	---	---	---	---	---	---	---	289	79	142
25	---	---	---	---	---	---	118	88	99	164	86	136
26	---	---	---	---	---	---	152	90	106	161	97	140
27	---	---	---	---	---	---	172	94	137	167	85	134
28	---	---	---	---	---	---	194	122	155	196	84	137
29	---	---	---	---	---	---	---	---	---	194	83	105
30	---	---	---	---	---	---	---	---	---	157	79	115
31	---	---	---	---	---	---	---	---	---	155	82	119
MONTH	186	90	101	---	---	---	194	72	109	289	68	124
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	160	83	133	---	---	---	136	126	131	155	118	133
2	165	86	124	---	---	---	---	---	---	153	116	132
3	116	82	96	---	---	---	---	---	---	151	121	134
4	177	90	138	---	---	---	---	---	---	161	116	137
5	207	88	105	---	---	---	---	---	---	161	116	137
6	224	115	192	---	---	---	130	94	105	119	99	107
7	246	83	149	---	---	---	100	81	88	141	109	126
8	162	88	143	---	---	---	87	78	82	133	110	125
9	158	127	140	---	---	---	87	75	80	141	123	132
10	159	77	127	---	---	---	87	78	81	151	129	138
11	133	74	99	119	97	109	101	83	90	155	133	145
12	145	74	105	110	95	102	103	84	92	177	145	156
13	148	76	104	---	---	---	99	83	91	178	149	162
14	143	80	108	---	---	---	101	84	92	180	144	161
15	139	79	104	260	90	143	105	87	94	186	146	166
16	150	79	116	253	87	162	114	90	100	178	144	160
17	---	---	---	223	90	145	121	90	101	208	144	163
18	---	---	---	282	176	241	128	86	104	206	148	167
19	---	---	---	244	85	140	142	103	115	262	144	173
20	---	---	---	116	83	94	151	112	132	184	142	163
21	---	---	---	218	79	123	145	102	126	174	134	155
22	---	---	---	228	83	182	141	97	117	168	130	148
23	---	---	---	226	80	178	133	91	112	150	130	139
24	---	---	---	214	84	148	130	92	107	152	128	138
25	---	---	---	187	82	121	125	92	105	160	130	141
26	---	---	---	161	80	140	121	97	107	150	130	140
27	---	---	---	212	69	140	126	101	111	172	130	144
28	---	---	---	202	64	122	137	101	118	---	---	---
29	---	---	---	179	119	136	141	81	121	---	---	---
30	---	---	---	161	122	139	155	115	129	---	---	---
31	---	---	---	143	121	131	155	118	135	---	---	---
MONTH	246	74	124	282	64	142	155	75	106	262	99	145
YEAR	293	34	105									

LITTLE RIVER BASIN
02110770 AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, SC

41

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

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Water years 1987 to current year.

INSTRUMENTATION.--Data collection platform.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 26,200 microsiemens, Aug. 20; minimum, 56 microsiemens, Jan. 2, 5, 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	153	86	103	144	78	95	195	78	103	103	60	77
2	135	90	102	106	74	87	149	78	100	132	56	77
3	194	84	113	142	78	98	171	89	107	152	58	80
4	170	90	113	148	78	100	181	85	112	138	60	78
5	152	86	110	124	82	99	276	87	130	138	56	81
6	154	97	120	146	78	100	118	79	95	150	56	92
7	148	93	113	152	78	114	241	81	110	678	69	150
8	150	93	117	296	90	129	709	79	154	960	69	197
9	165	87	109	194	80	115	175	80	99	2930	74	529
10	149	87	104	526	88	148	1420	78	250	168	67	93
11	137	90	110	1090	90	212	615	74	133	354	71	114
12	166	84	117	1290	94	226	630	72	137	792	72	157
13	156	80	106	1970	96	360	467	72	113	368	79	123
14	154	78	98	2010	100	356	323	72	103	195	75	104
15	168	80	108	2330	96	401	531	69	118	117	72	88
16	---	---	---	2750	108	451	290	74	112	142	69	90
17	---	---	---	424	100	157	180	96	126	125	67	101
18	---	---	---	446	100	156	128	94	110	133	74	89
19	---	---	---	434	91	168	139	100	111	107	74	90
20	---	---	---	2290	96	518	167	109	122	130	75	93
21	---	---	---	3810	98	602	167	107	124	104	69	82
22	---	---	---	359	98	138	159	103	119	96	66	82
23	---	---	---	1060	91	224	161	95	117	117	65	85
24	138	66	95	363	90	141	150	95	115	108	68	83
25	110	72	88	511	88	142	152	95	113	137	69	87
26	112	74	91	202	87	113	210	95	121	108	68	83
27	118	78	92	587	87	151	166	59	101	106	71	82
28	136	80	97	838	88	173	126	59	81	122	67	84
29	146	80	102	450	83	134	124	61	83	102	64	80
30	150	80	99	443	81	137	120	59	80	105	66	78
31	146	80	98	---	---	---	109	60	79	124	65	85
MONTH	194	66	105	3810	74	202	1420	59	115	2930	56	110

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	122	72	83	184	89	120	213	94	132	129	96	111
2	114	71	83	180	93	118	330	94	158	140	90	112
3	171	64	98	186	96	122	---	---	---	131	94	113
4	102	64	78	198	93	126	---	---	---	123	97	113
5	132	64	83	156	100	115	---	---	---	153	114	129
6	121	63	86	166	97	122	---	---	---	140	112	124
7	184	64	95	173	98	121	---	---	---	199	106	124
8	187	67	89	175	96	118	414	100	147	156	101	122
9	187	65	90	185	96	124	647	108	157	138	95	114
10	179	66	86	189	94	121	316	106	132	124	95	110
11	157	66	92	215	96	129	261	106	134	124	88	110
12	126	67	85	209	94	128	236	106	132	135	93	109
13	98	68	77	214	98	127	175	109	125	133	95	110
14	107	69	78	119	95	105	142	113	124	122	91	107
15	157	72	90	214	91	131	301	90	143	122	91	108
16	147	74	96	208	89	130	227	111	136	115	89	107
17	163	73	94	190	87	125	174	107	128	131	93	112
18	162	71	95	188	99	130	187	105	126	134	96	119
19	158	57	97	185	97	122	1180	111	239	138	100	120
20	142	102	117	148	93	118	1530	109	314	156	104	125
21	144	104	116	203	97	139	537	111	197	1130	104	246
22	136	100	112	221	99	140	914	111	201	1980	125	344
23	147	93	114	209	100	137	767	118	228	1590	116	282
24	189	101	120	217	98	137	1220	111	204	2150	125	304
25	141	91	107	218	96	135	1220	110	220	2150	121	364
26	133	93	104	182	96	123	684	110	186	2210	110	373
27	165	91	116	224	94	138	1230	120	280	2300	142	701
28	171	91	110	202	98	128	634	109	187	8520	158	2360
29	---	---	---	218	96	131	135	101	116	---	---	---
30	---	---	---	216	98	138	128	98	113	---	---	---
31	---	---	---	208	104	134	---	---	---	---	---	---
MONTH	189	57	96	224	87	127	1530	90	170	8520	88	260
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	2870	152	443	284	144	183	11600	208	2160
2	---	---	---	5030	146	785	216	150	181	8360	212	1970
3	---	---	---	2540	146	462	204	152	176	7710	208	1880
4	---	---	---	1390	132	305	192	136	164	12100	238	3480
5	---	---	---	968	138	238	188	124	153	12600	290	4340
6	---	---	---	1850	128	316	176	130	155	9730	252	3090

LITTLE RIVER BASIN
02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

43

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 the 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.--Estimated daily discharges, Oct. 4 - 6, 1994; Oct. 11 -18, 1994; Nov. 21 - 22, 1994; Jan. 28 - 31, 1995; Feb. 23 - 25, 1995; Apr. 29 - 30, 1995; Feb. 12 - 14, 1996; May 7 - 9, 1996; June 24 - 26, 1996; July 2 - 8, 1996; Oct. 12 - 30, 1996; Nov. 27 - 30, 1996; Apr. 18 - 28, 1997; June 20 to July 6, 1997. Records poor. Discharge records for the 1990 - 97 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2000	2630	1350	5230	4980	4230	1140	120	-11	938	1160	1440
2	2060	2740	1310	5270	4920	4330	1160	29	21	1160	989	1120
3	1800	2510	1330	5240	4750	4410	1170	-36	87	1240	1030	917
4	1820	2380	1290	5140	4600	4470	1150	-102	169	1350	933	749
5	1880	2260	1680	4950	4490	4550	928	63	86	1420	741	594
6	1940	2140	2200	4850	4350	4590	511	-143	1190	1460	661	421
7	1750	1970	2370	5020	4200	4560	835	36	1430	1490	577	243
8	1690	1860	2460	5020	4080	4530	749	-126	1490	1620	305	347
9	1560	1830	2250	5110	3980	4390	633	-170	1320	1660	370	323
10	1340	1750	2300	4980	3800	4350	600	78	993	1550	402	441
11	1210	1340	2390	4720	3900	4260	463	119	782	1470	405	395
12	1250	1310	2400	4520	4020	4120	477	47	641	1500	385	373
13	1290	1340	2370	4350	4140	3990	544	-158	564	1430	363	460
14	1350	1250	2400	4380	4100	3830	304	2	481	1430	152	488
15	1450	1130	2480	5550	3970	3600	342	120	485	1480	83	543
16	1600	1050	2450	6770	3950	3350	348	-137	450	1550	114	366
17	1850	1160	2430	6830	3930	3110	407	-15	372	1630	43	516
18	2100	1230	2580	6200	4120	2950	233	116	318	1700	101	410
19	2310	1130	2630	5840	4550	2680	133	-24	469	1820	118	417
20	2480	1090	2560	5730	4780	2570	247	-282	648	1810	79	397
21	2550	1220	2480	5690	4660	2590	95	-155	604	1880	93	430
22	2540	1150	2550	5670	4540	2640	121	-15	652	1850	138	486
23	2660	1070	5920	5630	4350	2580	-156	-27	671	1810	139	489
24	2850	1000	8630	5700	4280	2300	65	66	672	1730	232	428
25	2900	1150	7880	5720	4220	2130	78	27	694	1770	348	520
26	2930	1140	6630	5630	4170	2020	123	7	716	1760	803	575
27	2940	1000	5900	5560	4070	1910	69	-40	689	1730	2360	623
28	2890	1240	5600	5450	4060	1780	43	-170	676	1700	3580	531
29	2850	1240	5320	5300	---	1510	65	67	778	1570	3060	468
30	2870	1340	5090	5150	---	1420	90	217	920	1450	2440	478
31	2710	---	5030	5000	---	1340	---	21	---	1280	1900	---
TOTAL	65420	45650	104260	166200	119960	101090	12967	-465	19057	48238	24104	15988
MEAN	2110	1522	3363	5361	4284	3261	432	-15.0	635	1556	778	533
MAX	2940	2740	8630	6830	4980	4590	1170	217	1490	1880	3580	1440
MIN	1210	1000	1290	4350	3800	1340	-156	-282	-11	938	43	243

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995
MEAN	1355	946	1448	2848	2006	2035
MAX	2228	1678	3363	5361	4284	3261
(WY)	1990	1991	1995	1995	1995	1993
MIN	507	349	379	961	966	1183
(WY)	1992	1994	1992	1994	1992	1992

SUMMARY STATISTICS

FOR 1995 WATER YEAR

WATER YEARS 1990 - 1995

ANNUAL TOTAL	722469		
ANNUAL MEAN	1979		
HIGHEST ANNUAL MEAN		1541	
LOWEST ANNUAL MEAN		1979	1995
HIGHEST DAILY MEAN	8630	1103	1990
LOWEST DAILY MEAN	-282	8630	Dec 24 1994
ANNUAL SEVEN-DAY MINIMUM	-73	-659	Oct 26 1993
INSTANTANEOUS PEAK STAGE	17.61	-73	May 16 1995
10 PERCENT EXCEEDS	4930	17.61	Dec 31 1994
50 PERCENT EXCEEDS	1430		
90 PERCENT EXCEEDS	81	2610	
		975	
		231	

LITTLE RIVER BASIN
02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	420	3770	1500	1310	1290	1250	2980	1040	105	683	2390	2000
2	437	4080	1540	1230	1280	1280	2990	925	130	690	2340	1880
3	426	4230	1400	1350	1370	1560	2910	833	69	715	2690	2220
4	396	4180	1380	1380	1530	1470	2890	757	74	740	3070	2530
5	694	4040	1170	1190	1580	1440	2920	754	60	760	2730	2980
6	1140	3890	1190	1110	1570	1510	2770	654	44	785	2840	3500
7	1610	3830	1220	977	1590	1560	2780	620	14	810	3060	6150
8	1920	3680	1210	1580	1620	1960	2840	580	4	835	3090	6640
9	1800	3620	1260	1020	1720	1790	2850	540	-25	861	2790	6540
10	1800	3530	1390	1080	1550	1760	2970	505	117	955	2570	6300
11	1760	3470	1340	817	1550	1720	3020	472	88	1020	2320	6980
12	1790	3520	1160	1040	1530	1570	3090	459	109	895	2200	7590
13	1930	3410	1160	1070	1510	1590	3130	342	154	2070	2600	7550
14	2110	3220	1060	994	1490	1690	3020	439	123	2210	2540	7860
15	2530	3240	1140	1090	1480	1800	2880	386	85	2950	2510	9920
16	2720	3120	1020	953	1390	1900	2770	528	105	2930	2560	10000
17	2790	2890	845	968	1480	1900	2790	503	205	3030	2480	10000
18	2730	2610	938	944	1390	2110	2590	376	175	2910	2420	9860
19	2660	2430	1090	955	1300	2110	2520	348	402	2670	2440	9670
20	2600	2290	1390	1040	1400	2590	2400	264	853	2370	2470	9330
21	2870	2070	1230	787	1630	2850	2330	242	755	2040	2490	8970
22	3160	1940	1250	843	1620	2620	2210	205	605	2270	2590	8680
23	3310	1800	1340	861	1600	2470	1950	83	632	2850	2620	8260
24	3410	1790	1320	839	1740	2510	1750	214	654	3500	2610	7900
25	3490	1820	1270	1160	1640	2440	1400	157	655	3380	2520	7550
26	3520	1840	1150	737	1620	2500	1370	-165	656	3430	2590	7190
27	3440	1850	1250	1070	1510	2370	1140	141	657	3200	2490	6870
28	3450	1850	1310	1470	1490	2360	982	134	739	2960	2530	6650
29	3520	1820	1370	1220	1300	2940	956	74	659	2890	2520	6530
30	3480	1630	1330	1390	---	3040	1050	14	588	2810	2260	6340
31	3440	---	1370	1420	---	2950	---	-46	---	2630	2100	---
TOTAL	71353	87460	38593	33895	43770	63610	72248	12378	9491	62849	79430	204440
MEAN	2302	2915	1245	1093	1509	2052	2408	399	316	2027	2562	6815
MAX	3520	4230	1540	1580	1740	3040	3130	1040	853	3500	3090	10000
MIN	396	1630	845	737	1280	1250	956	-165	-25	683	2100	1880

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1996, BY WATER YEAR (WY)

MEAN	1513	1227	1419	2410	1922	2037	1586	650	677	948	1246	1774
MAX	2302	2915	3363	5361	4284	3261	3250	1244	1472	2027	2562	6815
(WY)	1996	1996	1995	1995	1995	1995	1993	1991	1992	1996	1996	1996
MIN	507	349	379	961	966	1183	432	-15.0	316	223	348	329
(WY)	1992	1994	1992	1994	1992	1992	1995	1995	1996	1990	1990	1990

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1990 - 1996		
ANNUAL TOTAL	704545			779517					
ANNUAL MEAN	1930			2130			1738		
HIGHEST ANNUAL MEAN							2130		
LOWEST ANNUAL MEAN							1103		
HIGHEST DAILY MEAN	6830	Jan 17		10000	Sep 16		10000	Sep 16	1996
LOWEST DAILY MEAN	-282	May 20		-165	May 26		-659	Oct 26	1993
ANNUAL SEVEN-DAY MINIMUM	-73	May 16		34	Jun 3		-73	May 16	1995
INSTANTANEOUS PEAK STAGE				16.81	Nov 23		17.61	Dec 31	1994
10 PERCENT EXCEEDS	4550			3520			2860		
50 PERCENT EXCEEDS	1390			1630			1080		
90 PERCENT EXCEEDS	81			415			240		

LITTLE RIVER BASIN
02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

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DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6840	4030	1170	1310	2110	3470	1310	1770	123	160	690	113
2	6600	3740	1180	1310	2160	3480	957	1660	89	150	721	57
3	6120	3110	1170	1650	2120	3520	1010	1570	46	130	587	44
4	5640	2950	1180	1510	2010	3430	1050	1750	37	120	600	166
5	5200	2710	1190	1440	1970	3260	1140	1650	86	140	634	233
6	4850	2440	1200	1420	1940	2950	904	1650	7	170	1200	774
7	4530	2140	1220	1320	1830	3130	766	1550	551	200	1200	700
8	5450	1920	1240	1300	1840	3000	534	1350	628	235	1060	584
9	6810	1810	1230	1280	1980	2860	457	1320	898	277	974	532
10	7200	1710	1250	1910	1910	2510	387	1220	922	278	961	691
11	6740	1510	1270	1900	1840	2400	325	848	1010	133	770	836
12	6900	1370	1280	1650	1850	2160	203	979	600	80	626	941
13	6850	1230	1260	1540	1820	1990	435	811	467	294	671	246
14	6900	1120	1080	1610	1960	2010	346	907	462	310	501	-101
15	6800	1050	999	1510	2780	2400	39	738	253	260	373	-68
16	6750	859	965	1560	3280	2510	107	742	198	228	444	476
17	6720	1010	1260	1780	3370	2400	190	547	155	211	428	202
18	6700	936	1380	1690	3410	2290	200	532	321	84	289	164
19	6600	850	1500	1580	3280	2190	250	511	268	155	62	108
20	6500	821	1760	1700	3190	2030	300	440	240	164	22	104
21	6300	963	1580	1760	3100	1950	280	321	220	127	219	415
22	6100	1440	1590	1680	3220	1930	280	142	230	237	161	331
23	5900	1220	1640	1800	3390	1950	260	220	210	286	36	908
24	5600	1240	1600	1700	3410	1940	290	258	190	14	63	1060
25	5300	1150	1650	1710	3390	1860	300	127	180	61	-9	240
26	5000	1150	1320	1900	3430	1940	320	184	160	-61	83	164
27	4800	1160	1560	1760	3440	1900	500	64	140	144	14	912
28	4600	1170	1440	1900	3440	1750	950	71	140	296	57	1970
29	4400	1170	1480	1900	---	1780	1680	4	150	307	80	1770
30	4310	1160	1560	1820	---	1650	1780	154	150	352	11	1370
31	4280	---	1500	2030	---	1510	---	148	---	527	43	---
TOTAL	183290	49139	41704	50930	73470	74150	17550	24238	9131	6069	13571	15942
MEAN	5913	1638	1345	1643	2624	2392	585	782	304	196	438	531
MAX	7200	4030	1760	2030	3440	3520	1780	1770	1010	527	1200	1970
MIN	4280	821	965	1280	1820	1510	39	4	7	-61	-9	-101

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	2141	1279	1410	2256	2021	2082	1443	666
MAX	5913	2915	3363	5361	4284	3261	3250	1244
(WY)	1997	1996	1995	1995	1995	1993	1991	1992
MIN	507	349	379	961	966	1183	432	-15.0
(WY)	1992	1994	1992	1994	1992	1992	1995	1995

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1990 - 1997

ANNUAL TOTAL	856244	559184	1686
ANNUAL MEAN	2339	1532	2130
HIGHEST ANNUAL MEAN			1103
LOWEST ANNUAL MEAN			1103
HIGHEST DAILY MEAN	10000	7200	10000
LOWEST DAILY MEAN	-165	-101	-659
ANNUAL SEVEN-DAY MINIMUM	34	40	-73
INSTANTANEOUS PEAK STAGE		18.37	18.37
10 PERCENT EXCEEDS	6310	3450	2920
50 PERCENT EXCEEDS	1580	1170	1080
90 PERCENT EXCEEDS	453	127	210

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

WATER TEMPERATURE: Maximum, 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, 0.6 mg/L, Sept. 16, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 46,300 microsiemens, Jan. 9; minimum, 100 microsiemens, several months, several days.

WATER TEMPERATURE: Maximum, 32.0°C, July 21, 22; minimum, 6.0°C, Jan. 19 - 21.

DISSOLVED OXYGEN: Maximum, 9.9 mg/L, Jan. 20, 21; minimum, 1.8 mg/L, Oct. 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	340	100	139	3660	100	615	---	---	---	7990	180	2230
2	180	100	126	1560	100	337	---	---	---	4690	150	1210
3	240	100	133	4840	140	1250	---	---	---	4210	130	973
4	700	100	175	4420	160	1310	---	---	---	5530	140	1220
5	620	100	185	3160	100	1160	10100	280	3890	8330	100	1750
6	2460	100	461	3600	100	1150	2640	150	1040	9550	100	2500
7	5280	100	1340	10100	140	2430	9600	140	2890	20300	170	5330
8	12200	188	1860	27800	280	3730	16200	230	4230	23200	100	6630
9	209	168	191	7920	200	1680	7710	200	2030	46300	340	11300
10	263	167	201	24700	200	3270	21300	160	5230	8630	100	2240
11	324	222	265	33200	280	6540	14400	260	3780	16500	100	3370
12	---	---	---	27200	320	6010	18300	170	3500	17800	100	4490
13	---	---	---	33900	340	8160	15600	130	3360	11400	100	3290
14	---	---	---	35600	380	7580	15900	120	3080	5220	100	1810
15	---	---	---	36100	340	7950	18600	190	3960	4530	180	1730
16	260	100	157	38300	440	11100	13800	320	4690	11700	100	2170
17	200	100	145	24800	380	5800	11300	180	3230	1150	100	458
18	180	100	128	21400	320	4410	3780	110	896	3680	100	646
19	200	120	158	13400	360	4960	1260	110	333	5780	100	1440
20	240	100	166	36700	540	12200	1110	100	317	2430	120	781
21	280	100	176	38900	1040	16800	6140	100	1420	2130	100	615
22	500	100	231	13700	280	3490	3540	100	953	2510	100	535
23	640	100	240	34000	460	7730	5480	100	944	880	100	259
24	480	100	250	25100	280	4080	4100	100	810	5060	100	919
25	2900	120	590	24300	240	3960	1440	100	491	1510	120	488
26	3900	140	835	4140	100	1080	13300	100	2200	1390	110	288
27	3780	140	905	---	---	---	2570	150	648	2400	120	623
28	3780	140	590	---	---	---	5870	140	1110	1210	110	303
29	6060	100	825	---	---	---	3150	140	865	770	110	223
30	3120	100	547	---	---	---	1180	140	432	2120	110	476
31	1980	100	273	---	---	---	1870	140	527	970	110	225
MONTH	12200	100	418	38900	100	4950	21300	100	2110	46300	100	1950

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	1610	120	316	100	100	100	1810	132	371	2540	195	637
2	3990	110	685	110	100	101	23900	137	5790	6880	204	1250
3	7530	110	1160	100	100	100	5970	184	2030	5290	222	1310
4	8590	120	1600	110	100	103	5390	144	1410	9530	206	1250
5	5580	140	1140	1080	100	225	7360	142	1460	12300	232	2140
6	10800	100	2430	430	100	147	13300	146	2760	8790	225	1670
7	17900	100	4150	3770	100	583	14000	171	3020	14100	217	1920
8	18900	100	3500	4490	110	681	20700	174	3780	9420	226	1620
9	15400	100	2760	13700	100	1460	19200	195	3640	7400	210	634
10	15700	100	3260	5370	140	1400	18800	193	3140	474	202	238
11	9910	210	2800	7140	120	1000	14100	195	2970	338	202	224
12	5800	140	1530	7140	130	1340	9990	191	2890	220	194	206
13	4070	120	1040	3140	110	615	7510	124	1610	212	195	203
14	12700	140	2180	1140	100	235	7470	109	1590	204	100	195
15	1760	120	266	120	100	111	11600	190	4520	204	195	198
16	250	120	163	150	110	115	8840	223	3270	1180	196	257
17	460	120	195	210	100	119	7070	240	2770	649	205	295
18	400	120	172	390	100	139	7000	243	2650	1260	205	327
19	350	120	169	410	110	164	20100	282	6140	3240	205	660
20	270	100	147	1390	110	379	23400	878	8320	7530	144	1300
21	300	110	141	1260	120	472	18200	619	7670	26900	241	4600
22	130	110	114	1060	120	321	21900	354	4840	24100	445	7420
23	140	100	119	1570	120	403	20600	513	7620	25800	437	6410
24	120	110	113	840	120	218	24600	344	5280	26200	447	6540
25	110	100	105	370	110	178	24600	442	7030	26200	527	7470
26	110	100	103	270	110	133	20500	432	5540	23700	537	6970
27	100	100	100	400	110	160	24700	760	7990	20500	1380	11100
28	110	100	101	410	120	198	21000	222	4110	35000	3640	19200
29	---	---	---	441	144	193	968	201	331	29300	1680	14900
30	---	---	---	377	134	191	4290	201	828	21700	728	9880
31	---	---	---	4860	104	650	---	---	---	24300	729	10200
MONTH	18900	100	1090	13700	100	395	24700	109	3850	35000	100	3910
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	25100	1010	11100	28100	497	8670	12900	290	3090	32400	3410	17400
2	---	---	---	28800	813	10800	8090	210	1690	29800	4430	17500
3	32600											

LITTLE RIVER BASIN
02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.0	23.0	20.5	19.5	20.0	---	---	---	12.0	11.5	11.5
2	23.0	22.5	22.5	20.0	18.5	19.5	---	---	---	11.5	11.0	11.5
3	23.5	22.0	22.5	19.0	18.0	18.5	13.0	12.0	12.5	12.5	11.5	12.0
4	22.5	21.5	22.0	18.0	16.5	17.5	13.0	12.0	12.5	13.0	12.0	12.5
5	21.5	20.0	21.0	18.5	17.5	17.5	12.5	12.0	12.0	13.5	13.0	13.0
6	21.0	19.5	20.5	19.0	17.5	18.0	12.5	11.5	12.0	13.5	13.0	13.5
7	20.5	19.5	20.0	20.5	18.5	19.0	12.5	11.5	12.0	13.5	12.5	13.0
8	20.5	19.5	20.0	20.0	18.5	19.5	12.5	11.5	12.0	12.5	12.0	12.5
9	21.0	20.0	20.5	18.5	17.5	18.0	11.5	10.5	11.0	12.0	11.5	11.5
10	20.5	20.0	20.5	17.5	16.5	17.0	11.0	10.0	10.5	11.5	10.5	11.0
11	20.5	19.0	19.5	16.5	15.5	16.0	11.0	10.0	10.5	10.5	10.0	10.5
12	---	---	---	15.5	14.5	15.0	12.0	10.5	11.5	10.0	9.0	9.5
13	---	---	---	14.5	14.0	14.0	12.0	11.5	11.5	9.5	8.5	9.0
14	---	---	---	14.5	13.5	14.0	12.0	11.5	11.5	9.0	8.0	8.5
15	---	---	---	14.5	12.5	13.0	11.5	11.0	11.0	8.5	7.5	8.0
16	20.0	18.5	19.0	12.5	12.0	12.0	11.0	10.5	11.0	10.5	8.5	9.0
17	20.5	19.0	19.5	12.5	11.5	12.0	11.5	10.5	11.0	9.0	8.0	8.5
18	21.0	19.5	20.0	12.5	11.5	12.5	11.5	11.5	11.5	8.5	6.5	7.5
19	20.0	19.0	19.5	---	---	---	11.5	10.5	11.0	7.0	6.0	6.5
20	19.0	17.0	18.5	---	---	---	10.5	8.5	9.0	7.0	6.0	6.5
21	18.5	17.0	18.5	---	---	---	8.5	7.5	8.5	7.5	6.0	6.5
22	18.5	17.0	18.0	13.5	12.5	13.0	8.5	7.5	8.0	7.5	6.5	7.0
23	19.5	18.0	18.5	13.0	12.5	13.0	10.0	7.5	8.5	8.5	7.5	8.0
24	19.0	18.0	18.5	13.5	12.0	12.5	10.5	8.5	9.0	9.0	8.0	8.5
25	19.0	17.0	18.5	13.5	12.5	13.0	11.0	9.0	9.0	9.5	8.5	9.0
26	19.0	18.0	18.5	15.0	13.5	14.0	9.0	8.0	8.5	9.5	8.5	8.5
27	19.0	17.5	18.5	---	---	---	9.5	8.5	9.0	9.5	8.0	9.0
28	19.5	18.0	19.0	---	---	---	10.0	9.0	9.5	10.5	9.0	9.5
29	20.0	19.0	19.5	---	---	---	11.0	9.5	10.0	10.0	9.0	9.5
30	20.5	19.0	20.0	---	---	---	11.5	10.0	11.0	9.5	9.0	9.0
31	21.0	19.5	20.0	---	---	---	12.5	11.0	11.5	9.5	8.5	9.0
MONTH	23.5	17.0	19.9	20.5	11.5	15.6	13.0	7.5	10.6	13.5	6.0	9.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	8.5	9.0	17.0	14.5	15.5	19.0	17.0	18.0	21.5	19.5	20.5
2	10.5	9.5	9.5	18.0	16.5	17.0	18.5	16.5	17.5	22.0	20.5	21.0
3	11.0	10.0	10.5	19.0	17.5	18.0	18.5	17.0	18.0	22.0	21.0	21.5
4	11.0	10.5	10.5	19.0	18.0	18.5	19.5	17.5	18.5	22.0	20.5	21.0
5	12.5	11.0	11.5	19.0	18.5	19.0	20.0	18.5	19.0	22.5	20.5	21.0
6	12.0	11.5	11.5	20.0	18.5	19.0	21.0	19.0	20.0	23.0	20.0	21.0
7	12.0	11.5	11.5	19.5	18.0	18.5	22.0	20.0	20.5	23.0	21.0	21.5
8	11.5	11.0	11.5	19.0	17.5	18.0	21.5	20.0	20.5	23.5	21.0	22.0
9	11.5	10.5	11.0	19.0	17.5	18.0	21.5	20.0	20.5	23.0	21.5	22.5
10	11.0	10.0	10.5	19.0	17.5	18.0	20.0	19.0	19.5	23.0	21.0	22.0
11	10.0	10.0	10.0	19.5	17.5	18.0	20.0	18.5	19.0	22.0	20.5	21.5
12	10.5	9.5	10.0	18.5	17.5	18.0	19.5	19.0	19.0	22.0	20.5	21.5
13	10.0	9.0	9.5	18.5	17.5	18.0	20.0	19.0	19.5	22.0	21.0	21.5
14	9.5	9.0	9.5	18.0	18.0	18.0	19.5	18.0	18.5	22.0	20.0	21.0
15	10.0	9.0	9.5	18.5	17.5	18.0	19.0	18.0	18.5	22.5	20.5	21.5
16	9.5	9.0	9.5	18.0	16.5	17.0	19.5	18.0	18.5	22.5	20.5	21.5
17	10.0	9.0	9.5	17.5	16.0	16.5	19.0	18.0	18.5	22.5	21.5	22.0
18	11.0	9.5	10.0	18.0	16.5	17.0	18.5	17.5	18.0	23.5	21.5	23.0
19	11.5	10.0	10.5	18.0	17.0	17.5	18.5	17.0	17.5	25.0	23.0	24.0
20	12.5	10.5	11.5	17.0	16.5	17.0	19.5	17.0	18.5	25.5	24.0	24.5
21	13.0	11.5	12.0	17.5	16.0	17.0	20.0	18.0	19.0	25.5	24.5	25.0
22	13.5	12.5	13.0	18.5	16.5	17.5	21.0	19.0	20.0	26.0	24.0	24.5
23	14.0	12.0	13.0	18.5	17.5	18.0	21.0	20.0	20.0	26.0	24.0	25.0
24	14.0	12.5	13.0	18.5	17.0	17.5	20.5	19.0	20.0	26.0	24.0	25.0
25	13.5	12.5	13.0	18.5	16.5	17.5	20.0	19.0	19.5	25.5	24.5	25.0
26	13.0	12.0	12.5	18.5	17.5	18.0	20.0	19.0	19.5	25.5	24.0	25.0
27	14.5	13.0	13.5	19.0	17.5	18.0	19.5	19.0	19.0	25.0	24.0	24.5
28	15.0	14.0	14.5	19.0	17.5	18.0	19.0	19.0	19.0	24.0	22.0	23.0
29	---	---	---	20.5	18.5	19.0	19.5	19.0	19.0	23.5	22.0	23.0
30	---	---	---	20.5	19.0	20.0	20.5	19.0	19.5	24.5	22.5	23.5
31	---	---	---	20.5	18.0	19.5	---	---	---	25.0	23.5	24.5
MONTH	15.0	8.5	11.1	20.5	14.5	17.9	22.0	16.5	19.1	26.0	19.5	22.7

LITTLE RIVER BASIN
02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.1	2.5	3.8	5.2	4.3	4.7	---	---	---	8.5	8.2	8.4
2	4.4	3.3	3.8	5.4	4.4	4.7	---	---	---	8.5	8.3	8.4
3	4.4	3.2	3.8	5.7	4.6	5.1	---	---	---	8.4	7.9	8.3
4	---	---	---	5.9	5.2	5.5	---	---	---	8.2	7.8	8.0
5	---	---	---	5.8	5.0	5.5	8.3	8.0	8.1	8.1	7.8	7.9
6	---	---	---	5.7	4.7	5.3	8.1	7.8	8.0	8.1	7.7	7.9
7	---	---	---	6.2	4.7	5.3	8.2	7.9	8.0	8.1	7.7	7.9
8	---	---	---	6.3	5.1	5.8	8.3	7.9	8.1	8.2	7.7	7.9
9	6.0	4.6	5.6	6.7	5.4	6.2	8.3	7.8	8.1	8.7	8.0	8.3
10	6.0	4.4	5.4	7.1	6.2	6.8	8.9	7.9	8.3	8.6	8.2	8.4
11	5.5	4.0	4.9	7.5	6.5	7.2	8.7	8.1	8.4	9.2	8.6	8.8
12	---	---	---	7.7	6.8	7.4	8.7	8.0	8.3	9.4	8.6	8.8
13	---	---	---	7.7	6.7	7.3	8.5	7.8	8.1	9.4	8.7	8.9
14	---	---	---	7.6	6.5	7.2	8.3	7.7	7.9	9.1	8.8	8.9
15	---	---	---	8.5	6.9	7.8	8.5	7.9	8.1	9.0	8.6	8.8
16	3.6	1.8	2.9	8.7	7.6	8.3	8.5	8.0	8.2	9.2	8.7	8.8
17	3.3	2.0	2.7	9.1	8.1	8.7	8.4	7.8	8.1	9.1	8.7	8.9
18	2.9	1.9	2.5	9.0	8.1	8.6	8.1	7.6	7.8	9.6	8.9	9.2
19	3.8	2.4	3.0	8.9	7.0	8.4	8.3	7.6	7.9	9.8	9.4	9.6
20	4.1	2.7	3.4	8.7	7.4	8.3	8.5	8.1	8.3	9.9	9.5	9.7
21	4.0	2.9	3.7	8.9	7.8	8.4	8.7	8.2	8.4	9.9	9.6	9.8
22	4.0	2.8	3.6	9.0	8.1	8.6	8.6	8.0	8.3	9.8	9.3	9.6
23	4.7	3.0	3.9	8.9	8.3	8.7	8.5	7.9	8.2	9.6	9.2	9.4
24	5.3	3.6	4.6	9.0	8.5	8.8	8.2	7.7	8.1	9.5	9.3	9.4
25	5.7	3.8	5.0	9.1	8.4	8.8	8.5	7.7	8.2	9.4	9.2	9.3
26	5.7	4.3	5.2	9.1	6.9	8.3	8.8	8.3	8.5	9.5	9.1	9.3
27	5.8	4.2	5.1	---	---	---	8.7	8.5	8.6	9.5	9.3	9.4
28	5.6	4.1	5.2	---	---	---	8.7	8.4	8.5	9.4	9.0	9.2
29	5.2	3.9	4.9	---	---	---	8.5	8.2	8.4	9.3	9.0	9.1
30	5.5	4.5	5.0	---	---	---	8.3	8.2	8.3	9.5	9.0	9.2
31	5.1	4.4	4.8	---	---	---	8.3	8.2	8.2	9.1	8.6	9.0
MONTH	6.0	1.8	4.2	9.1	4.3	7.1	8.9	7.6	8.2	9.9	7.7	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.8	8.3	8.6	6.1	5.5	5.8	7.1	6.5	6.8	6.1	5.2	5.7
2	8.5	8.1	8.3	5.8	5.4	5.7	7.7	6.6	7.1	6.0	5.1	5.5
3	8.5	8.1	8.3	5.9	5.2	5.6	7.0	6.4	6.8	6.2	5.1	5.6
4	8.6	8.2	8.4	5.8	5.2	5.5	6.9	6.0	6.6	6.3	5.2	5.8
5	8.3	7.8	8.1	5.5	5.0	5.3	6.6	6.0	6.3	6.3	5.4	5.8
6	8.3	7.9	8.1	5.7	4.8	5.3	6.6	6.0	6.2	6.5	5.5	6.0
7	8.4	7.9	8.1	5.1	4.4	4.7	6.5	5.7	6.1	6.4	5.3	6.0
8	8.3	7.8	8.0	5.2	4.4	4.9	6.5	5.6	6.1	6.4	5.4	5.9
9	8.2	7.7	7.9	5.9	4.4	5.1	6.7	5.4	6.1	6.6	5.4	5.9
10	8.2	7.7	7.9	5.8	4.9	5.4	6.6	5.9	6.2	6.5	5.5	5.9
11	8.1	7.8	7.9	5.7	5.1	5.5	6.6	5.7	6.3	6.6	5.6	6.0
12	8.0	7.5	7.8	5.7	4.9	5.4	6.6	5.8	6.1	6.7	5.4	6.0
13	8.1	7.7	7.9	5.8	5.1	5.4	6.4	5.5	6.0	6.9	5.5	6.1
14	8.6	7.9	8.1	5.9	4.8	5.5	6.5	5.7	6.0	6.8	5.7	6.5
15	8.4	7.7	8.1	5.6	4.6	5.3	6.4	5.7	6.1	7.1	6.5	6.8
16	8.1	7.7	7.8	5.6	4.9	5.3	6.5	5.7	6.0	6.8	6.4	6.6
17	8.1	7.7	7.9	5.6	4.8	5.4	6.3	5.3	6.0	7.1	6.5	6.8
18	8.0	7.7	7.8	5.5	4.7	5.3	6.7	5.2	6.1	6.9	6.5	6.7
19	8.7	7.8	8.1	5.7	5.1	5.4	6.9	5.3	6.3	6.9	6.4	6.6
20	8.4	7.7	8.1	5.9	5.3	5.7	6.9	5.4	6.4	7.1	6.4	6.6
21	8.2	7.4	7.8	6.2	5.4	5.9	7.0	5.4	6.3	7.0	6.3	6.6
22	7.9	7.1	7.5	6.0	5.5	5.9	7.3	5.3	6.3	6.9	6.2	6.5
23	7.4	6.7	7.1	6.3	5.6	6.1	7.0	5.3	6.4	7.1	6.3	6.6
24	7.0	6.4	6.8	6.6	5.7	6.4	7.1	5.4	6.4	6.9	6.4	6.5
25	6.8	6.4	6.6	6.9	6.5	6.7	7.0	5.4	6.5	6.9	6.3	6.5
26	6.8	6.1	6.5	6.8	6.4	6.6	7.2	5.5	6.6	6.6	6.2	6.5
27	6.8	6.1	6.4	6.7	6.3	6.6	6.9	5.9	6.5	6.6	6.2	6.3
28	6.4	5.5	6.1	7.0	6.2	6.7	7.3	5.9	6.7	6.9	6.3	6.5
29	---	---	---	6.9	6.3	6.6	7.0	5.8	6.4	7.0	6.1	6.6
30	---	---	---	6.7	6.3	6.4	6.9	5.4	6.2	6.8	6.1	6.5
31	---	---	---	6.9	6.4	6.6	---	---	---	6.7	5.7	6.2
MONTH	8.8	5.5	7.7	7.0	4.4	5.7	7.7	5.2	6.3	7.1	5.1	6.3

LITTLE RIVER BASIN
02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.4	5.7	6.1	6.4	5.9	6.1	---	---	---	5.8	4.6	5.2
2	6.4	5.5	5.8	6.3	5.8	6.0	---	---	---	5.9	4.7	5.4
3	6.0	5.3	5.7	6.3	5.7	6.0	---	---	---	5.9	5.0	5.5
4	5.9	5.5	5.7	6.4	5.7	6.0	---	---	---	6.8	5.1	5.7
5	6.5	5.6	6.0	6.4	5.6	6.0	---	---	---	7.1	5.5	6.0
6	6.6	6.1	6.4	6.5	5.6	5.9	---	---	---	7.9	5.6	6.4
7	6.9	6.4	6.7	6.4	5.5	6.0	---	---	---	7.9	6.0	6.8
8	7.1	6.6	6.8	6.3	5.5	6.0	---	---	---	7.7	6.0	6.7
9	7.0	6.6	6.9	6.4	5.6	6.0	5.4	4.8	5.1	7.3	5.7	6.4
10	6.9	6.6	6.8	6.5	5.7	6.1	5.1	4.5	4.9	6.6	5.2	6.0
11	6.8	6.6	6.7	6.5	5.5	6.2	5.0	4.6	4.8	6.8	5.1	5.9
12	6.8	6.4	6.6	6.8	5.9	6.4	4.9	4.4	4.7	6.8	5.0	5.9
13	6.7	6.3	6.6	6.9	6.0	6.6	4.9	4.4	4.7	6.7	4.7	5.7
14	6.8	6.4	6.5	6.8	6.2	6.5	5.2	4.6	4.9	6.8	4.5	5.7
15	6.7	6.1	6.5	6.9	5.9	6.5	5.2	4.5	4.9	7.0	4.5	5.7
16	6.9	6.3	6.6	7.0	5.7	6.5	5.3	4.5	5.0	6.8	4.3	5.6
17	7.2	6.5	6.8	6.9	5.8	6.5	5.7	4.7	5.1	6.6	4.6	5.7
18	7.3	6.5	6.9	6.8	5.4	6.3	5.4	4.7	5.1	6.4	4.5	5.8
19	7.2	6.4	6.8	6.9	5.6	6.3	5.5	4.3	4.9	6.3	4.4	5.7
20	6.8	6.2	6.5	---	---	---	5.5	4.4	5.0	6.4	4.8	5.8
21	6.9	6.2	6.5	---	---	---	5.5	4.4	5.0	6.8	4.8	6.0
22	6.8	6.2	6.5	---	---	---	5.5	4.3	5.0	6.5	5.2	5.9
23	6.6	6.2	6.4	---	---	---	5.6	4.7	5.0	6.6	5.3	6.2
24	6.5	6.1	6.2	---	---	---	5.6	4.5	5.2	6.5	5.1	5.9
25	6.6	6.0	6.3	---	---	---	5.5	4.7	5.1	6.1	5.0	5.8
26	6.4	6.0	6.3	---	---	---	5.5	4.5	5.2	6.1	5.1	5.7
27	6.6	5.9	6.1	---	---	---	5.6	4.5	5.2	6.5	5.3	6.0
28	6.1	5.6	5.9	---	---	---	5.4	4.4	5.1	6.8	6.1	6.5
29	6.4	5.7	6.2	---	---	---	5.3	4.3	5.0	6.6	6.0	6.3
30	6.5	5.8	6.2	---	---	---	5.2	4.3	4.9	---	---	---
31	---	---	---	---	---	---	5.4	4.5	5.0	---	---	---
MONTH	7.3	5.3	6.4	7.0	5.4	6.2	5.7	4.3	5.0	7.9	4.3	5.9
YEAR	9.9	1.8	6.6									

Note: Dissolved oxygen concentrations are not corrected for salinity.

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, Oct. 19 to Nov. 11, 1994, Nov. 18 - 24, 1994, Feb. 1 - 8, 1995, Mar. 7 - 14, 1995, and July 7 - 10, 1995, which are poor. Discharge records for the 1990 - 95 water years are 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	-1760	642	-5870	-4500	-6730	-255	573	383	-131	256	-1540
2	408	-1490	445	-6710	-4000	-6170	-620	51	456	-51	290	-878
3	1220	-1480	-85	-6150	-3500	-6080	-453	963	-139	112	48	155
4	-679	-1480	-184	-6270	-3000	-6200	-522	728	358	-45	422	-153
5	-1440	-1410	-1350	-5980	-2500	-6440	813	-251	1560	276	799	-261
6	-1230	-1360	-1090	-4610	-2000	-6980	954	278	610	528	713	-380
7	-1210	-1080	-1110	-5410	-1500	-6500	126	-551	2770	606	1470	-820
8	-1050	-1110	-126	-4070	-1000	-6000	476	646	1050	-72	1620	-1730
9	-796	-1030	92	-2160	-1010	-5800	787	1100	146	-108	352	-1650
10	-182	-830	-388	-1530	-1200	-5400	780	341	975	-300	9	-1860
11	994	316	-215	-1070	-1100	-5000	1520	599	275	-741	-99	-994
12	1050	466	853	-1590	-202	-4600	403	1050	-34	-1040	-59	-1050
13	261	150	322	-1110	-656	-4300	499	1290	108	-1190	-57	-1090
14	-1990	429	-139	-1500	-1170	-4000	1270	162	-84	-1440	502	-628
15	-77	458	-73	-4520	-1700	-3820	207	-62	-401	-1470	611	4
16	-22	853	-211	-5810	-2480	-3370	-289	388	-125	-1590	677	640
17	-691	561	-1380	-4830	-1630	-3890	-295	-557	107	-938	865	579
18	-1060	-370	-1480	-4270	-2060	-3300	213	-390	434	-506	963	1480
19	-1100	-183	-884	-3760	-2800	-2790	82	-33	76	-10	1140	1510
20	-1360	65	-818	-6230	-2950	-4040	68	1060	422	370	1440	637
21	-1400	-293	-736	-7440	-3710	-5270	286	616	1030	171	672	299
22	-1410	-553	-1860	-7450	-3600	-3990	641	791	899	37	491	427
23	-1490	-485	-2960	-7030	-4620	-2700	1790	978	1200	494	453	847
24	-1510	-201	-3600	-7270	-5950	-1060	201	809	821	432	122	814
25	-1690	44	-3580	-7210	-5000	-1630	826	849	646	344	-271	-12
26	-1830	473	-3190	-7110	-6090	-1200	802	158	598	108	-880	-310
27	-1310	1030	-3670	-6240	-6690	-1170	944	375	552	-38	-1950	-303
28	-1240	97	-4690	-5990	-6710	150	753	292	586	-25	-1750	120
29	-1330	539	-5400	-5380	---	-191	624	-639	306	130	-1040	41
30	-1400	333	-4560	-5490	---	-687	241	-382	101	154	-1470	86
31	-1300	---	-4350	-5060	---	-347	---	859	---	264	-1890	---
TOTAL	-24664	-9301	-45775	-155120	-83328	-119505	12872	12091	15686	-5669	4449	-6020
MEAN	-796	-310	-1477	-5004	-2976	-3855	429	390	523	-183	144	-201
MAX	1220	1030	853	-1070	-202	150	1790	1290	2770	606	1620	1510
MIN	-1990	-1760	-5400	-7450	-6710	-6980	-620	-639	-401	-1590	-1950	-1860

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995
MEAN	-330	-34.1	-523	-2005	-1284	-1233
MAX	435	572	181	-32.1	249	339
(WY)	1991	1991	1991	1994	1990	1990
MIN	-796	-310	-1477	-5004	-2976	-3855
(WY)	1995	1995	1995	1995	1995	1995

SUMMARY STATISTICS

FOR 1995 WATER YEAR

WATER YEARS 1990 - 1995

ANNUAL TOTAL	-404284	
ANNUAL MEAN	-1108	
HIGHEST ANNUAL MEAN	-1108	1995
LOWEST ANNUAL MEAN	-1108	1995
HIGHEST DAILY MEAN	2770	Jun 7 1995
LOWEST DAILY MEAN	-7450	Jan 22 1995
ANNUAL SEVEN-DAY MINIMUM	-7110	Jan 21 1995
10 PERCENT EXCEEDS	823	
50 PERCENT EXCEEDS	-261	
90 PERCENT EXCEEDS	-5000	

WACCAMAW RIVER BASIN
02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

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DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	578	-4680	-513	-71	1370	1100	-2010	-27	-281	-1010	-2420	-1670
2	248	-4730	-1130	296	366	-9	-2690	-367	-71	-139	-2200	-1350
3	279	-4010	-387	-1750	-299	-1730	-1970	-325	-43	-810	-2570	-2890
4	113	-3590	-697	-935	-840	-173	-2500	-206	-184	-518	-2860	-2580
5	-717	-2930	538	-823	-205	-961	-2370	-238	-447	-743	-2450	-4780
6	-2080	-2970	-745	-369	-227	-1280	-1120	-99	-472	-975	-2320	-8290
7	-2050	-3220	-831	-950	35	-1440	-1690	612	49	-658	-2140	-4980
8	-1780	-3840	-307	-2070	13	-2240	-1460	-2	448	-608	-2400	-5290
9	-495	-2760	-1160	-241	-568	-1100	-2100	90	456	-746	-2800	-6050
10	-647	-2740	-1560	-550	994	-1360	-1520	547	-119	-349	-1930	-5950
11	-907	-2380	-1130	-145	254	-1100	-1200	660	516	664	-1180	-6640
12	-1070	-4090	-752	-1130	120	-140	-2330	496	223	-842	-1480	-5790
13	-1540	-1900	-893	-604	780	-127	-1570	1320	56	-2560	-2520	-5250
14	-1980	-1660	-479	-267	490	-660	-1350	312	400	-1930	-2050	-4620
15	-2660	-3150	-693	-612	1040	-378	-548	-78	288	-2940	-1860	-5780
16	-1200	-1370	-113	88	371	21	-2560	-491	181	-3090	-2100	-6370
17	-1240	-1460	1330	20	868	-302	-1900	-303	136	-3090	-1750	-7550
18	-862	-314	514	306	358	-338	-1940	23	175	-2750	-1510	-7520
19	-813	-607	-883	-1050	458	293	-2080	-141	-1330	-2530	-1640	-6920
20	-792	121	-1460	-85	-869	-3620	-1900	80	-1210	-3230	-1290	-7790
21	-3730	106	-196	-212	-1690	-2170	-2370	-101	-560	-1620	-1140	-8200
22	-2280	-58	-562	-451	-925	-1330	-2070	-211	-33	-2050	-1290	-8570
23	-2070	230	-994	-484	-1210	-1350	-1510	80	-260	-2630	-1330	-8620
24	-2650	-1030	-1550	-736	-1680	-1840	-1300	-400	1270	-3200	-1340	-7550
25	-3040	-1100	-1310	-1190	-812	-1470	-698	57	-1040	-2790	-1060	-7990
26	-2830	-1210	-1200	209	-771	-1900	-948	1310	995	-3100	-816	-7510
27	-1910	-1560	-1100	-1030	-410	-637	-296	22	1310	-1910	-1670	-7370
28	-3980	-1790	-899	-885	-507	-1730	40	354	-85	-2030	-2360	-7200
29	-3980	-1890	-763	207	328	-2310	16	707	-482	-2590	-2140	-7720
30	-2270	75	-368	-324	---	-571	-750	766	-408	-2870	-1340	-6330
31	-1950	---	-508	-296	---	-924	---	562	---	-2060	-1390	---
TOTAL	-50305	-60507	-20801	-16134	-3168	-31776	-46694	5009	-522	-55704	-57346	-185120
MEAN	-1623	-2017	-671	-520	-109	-1025	-1556	162	-17.4	-1797	-1850	-6171
MAX	578	230	1330	306	1370	1100	40	1320	1310	664	-816	-1350
MIN	-3980	-4730	-1560	-2070	-1690	-3620	-2690	-491	-1330	-3230	-2860	-8620

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1996, BY WATER YEAR (WY)

MEAN	-589	-317	-544	-1634	-1083	-1203	-372	162	-74.4	-345	-561	-1523
MAX	435	572	181	-32.1	249	339	429	403	523	173	572	260
(WY)	1991	1991	1991	1994	1990	1990	1995	1994	1995	1990	1994	1994
MIN	-1623	-2017	-1477	-5004	-2976	-3855	-1556	-170	-1792	-1797	-1850	-6171
(WY)	1996	1996	1995	1995	1995	1995	1996	1993	1992	1996	1996	1996

SUMMARY STATISTICS

FOR 1995 CALENDAR YEAR

FOR 1996 WATER YEAR

WATER YEARS 1990 - 1996

ANNUAL TOTAL	-456157	-523068	
ANNUAL MEAN	-1250	-1429	
HIGHEST ANNUAL MEAN			-1269
LOWEST ANNUAL MEAN			-1108
HIGHEST DAILY MEAN	2770	Jun 7	1370
LOWEST DAILY MEAN	-7450	Jan 22	-8620
ANNUAL SEVEN-DAY MINIMUM	-7110	Jan 21	-8030
INSTANTANEOUS PEAK STAGE			19.03
10 PERCENT EXCEEDS	800		299
50 PERCENT EXCEEDS	-551		-1000
90 PERCENT EXCEEDS	-4900		-3340

WACCAMAW RIVER BASIN
02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-6000	-3520	-394	683	-1400	-1610	-10	-1100	377	-278	337	-196
2	-6520	-4080	-1610	-427	-407	-1580	2570	-496	129	-399	192	-86
3	-5810	-1240	-28	-1030	-113	-1250	363	-578	-177	-439	67	-19
4	-3690	-1720	-243	-200	523	-1470	289	-1600	-118	-602	254	160
5	-3960	-1680	807	-218	-976	37	-64	-412	237	-882	1100	420
6	-2830	-1200	-1420	-260	-511	-2660	43	-781	618	-432	1010	-206
7	-1990	-304	149	-68	-260	-1410	-369	-311	-1060	-626	908	-307
8	-5340	-1100	357	-356	-1110	-1740	-76	503	-1770	-249	-251	-185
9	-7450	-1780	-501	-667	-1550	-2030	-358	521	-1310	-187	-1770	247
10	-6150	-976	369	-2930	-900	-877	-218	631	-1070	-396	-914	536
11	-5150	-771	-584	-1870	-854	-972	-526	1800	-1240	370	142	-63
12	-4260	-1020	-604	-1250	-1430	-104	-909	1300	-467	305	-134	168
13	-4050	-838	-461	-1140	-14	-534	-1000	1430	-208	150	-56	560
14	-4270	-700	-128	-882	-1980	-1300	-174	654	-646	69	-34	267
15	-4160	-688	664	-106	-3540	-3380	723	390	713	139	-98	-377
16	-2770	291	1150	-700	-2140	-1590	340	650	1050	92	56	-916
17	-2950	-201	1030	-979	-2200	-1040	-151	731	191	430	-253	-532
18	-2570	-243	-1470	-957	-1990	-714	42	708	-308	192	-303	-447
19	-3880	198	-1790	385	-1960	-935	1170	823	-341	-144	363	-180
20	-2900	1350	-1270	-855	-1960	587	915	383	67	-95	424	-334
21	-3320	501	70	-236	-1240	-47	604	570	102	25	-704	-775
22	-3580	-1010	-500	-404	-2150	-532	-386	437	-262	-287	-587	934
23	-4320	73	-629	-1030	-977	112	-214	-196	-587	-356	-195	-351
24	-5160	-921	-589	-272	-320	-895	-135	-382	-292	-479	132	617
25	-4700	-196	-734	-676	-225	-360	136	-204	-289	-297	693	279
26	-4480	-1080	129	-674	373	-1800	-103	-680	-236	1260	318	437
27	-4270	-177	-879	-417	-1080	-736	662	368	44	698	368	-116
28	-4560	-136	-439	-1420	-1790	-726	-2760	507	1700	-4	288	-2430
29	-4000	-47	-475	-457	---	-1300	-3200	445	444	53	129	-3100
30	-3980	276	-823	-592	---	-459	-545	47	82	1350	402	-1660
31	-4670	---	-615	-1440	---	-1210	---	464	---	559	-68	---
TOTAL	-133740	-22939	-11461	-21445	-32181	-32525	-3341	6622	-4627	-460	1816	-7655
MEAN	-4314	-765	-370	-692	-1149	-1049	-111	214	-154	-14.8	58.6	-255
MAX	-1990	1350	1150	683	523	587	2570	1800	1700	1350	1100	934
MIN	-7450	-4080	-1790	-2930	-3540	-3380	-3200	-1600	-1770	-882	-1770	-3100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	-1210	-373	-522	-1446	-1093	-1184	-335	169	-85.8	-290	-472	-1342
MAX	435	572	181	-32.1	249	339	429	403	523	173	572	260
(WY)	1991	1991	1991	1994	1990	1990	1995	1994	1995	1990	1994	1994
MIN	-4314	-2017	-1477	-5004	-2976	-3855	-1556	-170	-1792	-1797	-1850	-6171
(WY)	1997	1996	1995	1995	1995	1995	1996	1993	1992	1996	1996	1996

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1990 - 1997
ANNUAL TOTAL	-559595	-261936	
ANNUAL MEAN	-1529	-718	-1085
HIGHEST ANNUAL MEAN			-718
LOWEST ANNUAL MEAN			-1429
HIGHEST DAILY MEAN	1370	Feb 1	2770
LOWEST DAILY MEAN	-8620	Sep 23	-8620
ANNUAL SEVEN-DAY MINIMUM	-8030	Sep 20	-8030
INSTANTANEOUS PEAK STAGE		19.17	19.17
10 PERCENT EXCEEDS	355		615
50 PERCENT EXCEEDS	-942		-249
90 PERCENT EXCEEDS	-4580		-2220

WACCAMAW RIVER BASIN
02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

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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, 30.5°C, July 21, 22; minimum, 5.5°C, Jan. 19 - 22.

DISSOLVED OXYGEN: Maximum, 9.6 mg/L, Jan. 22; minimum, 0.0 mg/L, Oct. 1, 3 - 5.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.0	21.5	22.5	20.0	18.5	19.5	12.5	11.0	11.5	12.0	11.0	11.5
2	23.0	22.0	22.5	19.5	18.5	19.5	12.5	12.0	12.5	11.5	11.0	11.0
3	23.5	21.5	22.5	19.0	17.0	18.0	12.5	11.5	12.0	12.0	11.0	11.5
4	23.5	19.5	22.0	17.0	16.0	16.5	12.0	11.5	11.5	12.5	11.5	12.0
5	21.5	18.0	20.5	17.0	16.0	16.5	11.5	11.0	11.5	13.5	12.0	12.5
6	20.5	17.5	19.5	17.5	16.5	17.0	11.5	11.0	11.5	13.5	13.0	13.5
7	20.0	18.5	19.5	18.5	17.5	18.0	11.5	10.5	11.0	13.5	13.0	13.0
8	20.0	17.0	19.0	19.5	18.5	19.0	11.5	11.0	11.0	13.0	12.0	12.5
9	20.0	17.5	19.0	19.0	17.0	18.0	11.0	10.0	10.5	12.0	11.0	11.5
10	20.0	16.5	19.0	17.5	16.0	16.5	10.0	9.5	10.0	11.0	10.5	10.5
11	19.5	16.5	18.5	16.5	15.0	15.5	10.5	9.5	10.0	10.5	9.5	10.0
12	18.5	15.0	17.5	15.0	13.5	14.0	11.0	10.0	10.5	9.5	9.0	9.0
13	18.5	14.5	17.0	14.0	12.5	13.0	11.5	10.5	11.0	9.0	8.0	8.5
14	18.5	15.0	17.5	13.0	12.5	13.0	11.5	10.5	11.0	8.0	7.5	7.5
15	19.0	14.0	17.5	13.0	11.5	12.0	11.0	10.0	10.0	7.5	6.5	7.0
16	19.5	16.5	18.5	11.5	10.5	11.0	10.0	9.0	9.5	8.5	6.5	8.0
17	20.0	17.5	19.0	11.0	10.0	10.5	10.5	9.0	9.5	8.5	7.5	8.0
18	20.5	17.0	19.0	11.5	10.5	11.0	11.0	10.5	10.5	7.5	6.5	7.0
19	20.0	17.0	19.0	---	---	---	10.5	9.5	10.5	6.5	5.5	6.0
20	19.0	15.5	18.0	12.0	11.5	12.0	9.5	8.0	9.0	6.0	5.5	5.5
21	18.0	14.5	17.0	12.5	11.5	12.0	8.0	7.5	8.0	6.5	5.5	6.0
22	18.0	14.5	17.0	13.0	12.0	12.5	7.5	7.0	7.0	7.0	5.5	6.5
23	18.5	15.5	17.5	12.0	11.5	12.0	7.5	7.0	7.0	8.0	6.5	7.5
24	19.0	16.0	18.0	12.0	11.0	11.5	9.0	7.5	8.0	8.5	7.0	8.0
25	18.5	15.5	17.5	12.5	11.5	12.0	9.0	8.5	9.0	9.0	8.0	8.5
26	18.5	16.0	17.5	13.5	12.5	13.0	8.5	7.5	8.5	9.0	8.0	8.5
27	19.0	16.0	18.0	13.5	12.5	12.5	9.0	8.0	8.5	9.0	8.5	8.5
28	20.0	17.0	19.0	12.5	11.5	12.0	9.5	8.5	9.0	10.0	9.0	9.5
29	20.5	17.0	19.5	11.5	11.0	11.0	10.0	9.0	9.5	10.0	9.5	10.0
30	21.0	17.5	20.0	11.5	11.0	11.0	11.0	10.0	10.5	9.5	9.0	9.0
31	21.5	17.5	20.5	---	---	---	12.0	10.5	11.0	9.0	8.5	8.5
MONTH	23.5	14.0	19.0	20.0	10.0	14.1	12.5	7.0	10.0	13.5	5.5	9.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.5	8.5	9.0	17.0	15.5	16.0	18.5	17.5	18.0	20.5	18.5	19.5
2	9.5	8.5	9.0	18.5	17.0	17.5	18.0	16.5	17.0	21.0	19.0	20.5
3	10.5	9.0	10.0	19.5	18.0	19.0	17.5	16.0	16.5	20.5	19.5	20.5
4	11.0	9.5	10.5	20.0	19.0	19.5	18.0	16.5	17.0	20.5	19.0	20.0
5	12.5	10.0	11.0	20.0	18.5	19.5	19.0	17.0	18.0	20.5	18.5	19.5
6	12.5	11.0	12.0	20.0	19.5	19.5	19.5	17.5	18.5	20.5	18.5	19.5
7	12.0	10.5	11.5	19.5	18.0	18.5	20.5	18.0	19.5	20.5	19.5	20.0
8	11.5	10.5	11.0	18.5	17.0	17.5	20.0	19.0	19.5	20.0	18.5	19.5
9	11.0	10.0	10.5	18.0	16.5	17.5	19.5	18.5	19.0	20.5	19.0	19.5
10	10.5	9.0	10.0	18.0	16.5	17.5	19.0	17.0	18.0	20.5	19.5	20.0
11	9.5	8.5	9.0	18.5	17.5	18.0	17.5	16.0	17.0	20.0	18.5	19.0
12	9.0	8.0	8.5	18.5	17.0	17.5	17.5	17.0	17.5	19.0	18.5	18.5
13	9.0	8.0	8.5	18.0	16.5	17.5	18.5	17.5	18.0	20.0	18.5	19.0
14	8.5	8.0	8.5	18.0	17.0	17.5	18.0	17.5	17.5	20.5	19.0	19.5
15	8.5	8.5	8.5	18.0	17.5	17.5	18.0	17.0	17.5	21.0	19.0	20.0
16	9.0	8.0	8.5	17.5	16.0	17.0	18.0	17.0	17.5	21.0	20.0	20.5
17	9.0	8.5	9.0	16.5	15.5	16.0	18.0	17.0	17.5	21.0	19.5	20.0
18	10.0	9.0	9.5	16.0	15.5	16.0	17.5	16.5	17.0	21.5	20.0	20.5
19	11.0	9.5	10.5	17.0	16.0	16.5	17.0	16.5	17.0	22.5	21.0	21.5
20	12.0	11.0	11.5	17.0	15.5	16.5	18.0	16.5	17.0	23.5	21.5	22.5
21	13.5	12.0	12.5	17.0	15.5	16.0	18.5	17.0	17.5	23.5	22.5	23.0
22	14.0	13.0	13.5	18.0	15.5	17.0	19.5	17.5	18.5	23.0	22.0	22.5
23	14.0	13.0	13.5	18.0	16.5	17.0	19.0	18.0	18.5	23.0	22.0	23.0
24	13.5	12.5	13.0	17.5	16.0	17.0	18.5	18.0	18.5	23.5	22.5	23.0
25	13.5	12.5	13.0	17.5	16.0	16.5	18.5	17.5	18.0	23.5	23.0	23.0
26	13.0	12.0	12.5	18.0	16.5	17.5	18.0	17.5	18.0	24.0	23.0	23.5
27	14.5	12.0	13.5	18.5	17.0	17.5	18.0	17.5	17.5	23.5	23.0	23.5
28	15.5	14.0	14.5	18.5	17.0	18.0	18.5	17.5	18.0	23.0	22.0	22.5
29	---	---	---	19.5	17.5	18.5	19.0	18.5	18.5	22.5	21.5	22.0
30	---	---	---	20.0	19.0	19.5	19.5	18.5	19.0	23.0	22.0	22.5
31	---	---	---	20.0	18.5	19.0	---	---	---	23.5	22.0	23.0
MONTH	15.5	8.0	10.8	20.0	15.5	17.6	20.5	16.0	17.9	24.0	18.5	21.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.0	23.0	23.5	27.5	27.0	27.0	25.0	24.5	25.0	28.5	27.5	

WACCAMAW RIVER BASIN
02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.5	.0	.2	1.9	1.4	1.7	6.8	6.4	6.6	8.2	7.2	7.6
2	1.6	.4	1.1	2.3	1.6	1.9	6.5	6.2	6.3	7.9	7.1	7.5
3	.8	.0	.5	2.5	1.8	2.1	6.5	6.2	6.3	7.5	6.8	7.1
4	1.1	.0	.6	2.8	2.2	2.5	6.5	6.1	6.2	7.2	6.7	6.9
5	1.4	.0	.9	2.8	2.4	2.6	7.7	6.2	6.6	7.1	6.6	6.8
6	1.4	.3	.9	2.8	2.5	2.6	7.1	6.5	6.7	6.9	6.5	6.7
7	1.9	.8	1.2	3.2	2.5	2.8	7.8	6.5	7.0	6.9	6.3	6.6
8	3.2	1.9	2.7	4.1	2.7	3.5	8.0	6.6	7.2	7.1	6.3	6.7
9	2.8	1.5	2.2	3.9	3.1	3.6	7.8	6.7	7.2	7.4	6.9	7.2
10	1.9	.9	1.6	---	---	---	8.2	6.9	7.6	7.3	6.9	7.1
11	2.1	1.1	1.8	---	---	---	8.4	7.2	7.8	7.4	6.9	7.2
12	2.3	1.4	2.0	---	---	---	8.2	7.0	7.5	8.0	7.1	7.3
13	2.2	1.4	2.0	---	---	---	8.0	6.8	7.4	8.3	7.3	7.6
14	2.1	1.2	1.9	---	---	---	8.0	6.7	7.3	8.4	7.6	7.8
15	2.1	1.1	1.8	---	---	---	8.0	6.9	7.4	8.8	7.7	8.0
16	2.1	1.1	1.8	---	---	---	7.9	7.2	7.6	9.2	7.9	8.4
17	2.0	1.2	1.8	---	---	---	7.9	7.3	7.6	8.4	8.1	8.3
18	2.1	1.1	1.8	---	---	---	7.6	6.7	7.2	8.6	8.2	8.4
19	3.1	1.8	2.2	---	---	---	7.3	6.5	6.9	8.9	8.5	8.7
20	2.4	1.8	2.1	6.7	6.2	6.4	7.4	6.8	7.0	9.0	8.7	8.8
21	2.4	1.8	2.2	6.8	6.3	6.5	7.8	7.0	7.4	9.2	8.8	8.9
22	2.5	1.8	2.2	6.6	6.2	6.3	8.1	7.3	7.6	9.6	8.8	9.1
23	2.6	1.8	2.2	6.8	6.2	6.4	8.3	7.6	7.8	9.0	8.8	8.9
24	2.5	1.9	2.3	6.6	6.2	6.3	8.5	7.6	7.9	9.3	8.8	9.0
25	2.6	2.1	2.4	6.6	6.1	6.3	8.5	7.7	7.9	9.2	8.6	8.9
26	2.7	1.8	2.5	6.5	6.1	6.2	8.9	7.8	8.3	8.9	8.6	8.8
27	2.8	1.8	2.5	6.6	6.2	6.3	8.7	8.0	8.3	8.9	8.5	8.7
28	2.7	1.6	2.3	6.7	6.3	6.4	8.6	7.9	8.2	8.8	8.2	8.5
29	2.5	1.9	2.2	6.6	6.2	6.4	8.5	7.8	8.1	9.1	8.5	8.7
30	2.4	1.6	2.0	6.7	6.3	6.5	8.3	7.4	7.8	9.2	8.5	8.9
31	2.1	1.1	1.8	---	---	---	8.1	7.2	7.6	8.8	8.4	8.5
MONTH	3.2	.0	1.8	6.8	1.4	4.7	8.9	6.1	7.4	9.6	6.3	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.4	8.3	8.3	5.6	5.2	5.4	7.0	6.2	6.5	6.2	5.3	5.6
2	8.7	8.1	8.3	5.7	5.1	5.4	7.1	6.4	6.8	6.6	5.3	5.6
3	8.9	7.7	8.3	5.6	5.0	5.4	7.2	6.8	6.9	6.7	5.1	5.7
4	8.7	7.7	8.1	5.2	4.6	5.0	7.3	6.4	6.8	6.2	5.5	5.7
5	8.6	7.6	8.0	5.4	4.5	4.9	7.3	6.2	6.7	6.3	5.5	5.8
6	8.4	7.7	8.0	5.2	4.1	4.8	7.3	6.2	6.8	6.3	5.5	5.9
7	8.7	7.5	8.0	5.8	4.5	4.9	7.3	6.3	6.7	6.3	5.4	5.9
8	8.6	7.4	7.9	5.0	4.6	4.8	6.9	5.9	6.4	6.3	5.4	6.0
9	8.2	7.2	7.5	5.4	4.7	5.0	6.7	6.0	6.3	6.5	5.5	6.2
10	8.1	7.2	7.5	6.2	5.1	5.6	6.6	5.8	6.3	6.4	5.8	6.2
11	8.2	7.3	7.6	5.6	4.7	5.1	6.5	5.9	6.2	6.4	5.8	6.2
12	8.0	7.4	7.6	6.2	4.4	5.2	6.5	5.9	6.3	6.5	6.0	6.3
13	8.7	7.4	7.8	6.5	4.8	5.4	6.4	6.0	6.2	6.6	5.9	6.2
14	9.2	7.8	8.3	7.1	5.0	5.9	6.5	6.1	6.2	6.4	5.7	6.1
15	8.5	8.1	8.2	5.2	4.7	5.0	7.0	6.1	6.4	6.6	5.8	6.2
16	8.6	8.3	8.5	5.0	4.6	4.8	7.1	6.3	6.6	6.5	5.9	6.2
17	8.8	8.4	8.7	5.1	4.8	4.9	7.1	6.4	6.7	6.6	6.0	6.3
18	8.8	8.6	8.7	5.3	5.0	5.1	7.4	6.4	6.9	6.5	6.0	6.3
19	8.8	8.5	8.7	5.7	5.2	5.5	7.6	6.6	7.1	7.0	6.2	6.5
20	8.7	8.5	8.6	6.9	5.6	6.0	7.8	7.0	7.4	6.9	6.1	6.7
21	8.7	8.3	8.5	6.9	5.5	6.1	7.8	6.9	7.5	6.5	5.6	6.3
22	8.7	8.0	8.3	7.0	5.5	6.1	7.8	6.9	7.3	6.1	5.4	5.7
23	8.2	7.2	7.6	6.9	5.4	6.2	7.7	6.7	7.1	6.0	5.4	5.7
24	7.5	6.9	7.2	7.2	5.8	6.2	7.3	6.6	6.9	6.1	5.5	5.8
25	7.3	6.3	6.8	7.3	5.6	6.4	7.2	6.6	6.9	6.2	5.5	5.9
26	7.1	6.3	6.7	7.2	5.7	6.2	7.2	6.5	6.8	6.3	5.8	6.1
27	6.9	6.0	6.5	6.2	5.6	5.9	7.5	6.5	7.0	6.2	5.9	6.1
28	6.3	5.4	5.8	7.0	5.5	6.0	7.9	6.8	7.4	6.3	5.8	6.1
29	---	---	---	7.0	5.5	6.0	6.9	5.9	6.4	6.1	5.7	5.9
30	---	---	---	6.2	5.6	5.8	6.7	5.3	5.9	5.9	5.6	5.8
31	---	---	---	6.8	5.8	6.2	---	---	---	5.9	5.5	5.7
MONTH	9.2	5.4	7.9	7.3	4.1	5.5	7.9	5.3	6.7	7.0	5.1	6.0

WACCAMAW RIVER BASIN
021108044 BULL CREEK NEAR BUCKSPORT, SC

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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, Apr. 27 - 30, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8420	6740	6590	9690	11100	11500	11700	8340	3270	3780	8090	2030
2	7910	7380	6920	9750	10900	11600	10400	8480	3230	3520	9260	1850
3	7560	6750	5990	9940	10700	11700	10300	9010	3350	3730	10800	1570
4	7360	7140	5870	9410	10400	11700	10300	8700	2830	4000	12100	1380
5	8010	7380	5630	8580	10400	11300	10200	9670	2740	3940	12300	2100
6	8310	7260	7100	7760	10400	11300	9930	9880	3360	3670	11800	2750
7	8300	6810	7390	6540	10000	11500	9740	10500	4710	3480	11400	2470
8	8170	6670	7700	5890	9850	11300	9500	11300	5560	2960	11000	2190
9	9590	6940	8390	5800	10100	11500	8930	11600	5860	2900	10800	1750
10	10100	6040	8300	7160	9740	11200	7930	11800	6160	2870	10600	1380
11	10300	5780	8740	7590	9540	11400	7000	11800	6510	3590	9630	1680
12	10200	5420	9150	7900	9570	11000	6600	11500	6350	3960	8200	1860
13	10400	4730	9270	8400	9330	10900	6750	11300	5990	3900	6550	2280
14	10800	4920	9470	8860	9210	10800	6460	11600	5740	3510	5280	3130
15	11400	5360	9370	9100	10100	11500	5630	11700	5110	2850	4630	3180
16	11300	4560	9270	9630	10400	11600	5820	12200	5000	2120	4470	2590
17	11300	4090	9370	10600	10800	11600	6340	12000	5410	1980	4750	1910
18	11200	4830	9860	11000	11100	11500	6690	11700	5640	2570	4660	2260
19	11300	5000	10300	11100	11700	11600	6540	10900	5840	3000	3550	2870
20	11100	4300	11000	11400	12300	11300	6440	9780	5640	3230	3010	3270
21	10900	4660	10500	11600	12500	11100	6480	8070	5440	3260	3180	2970
22	10500	5400	10500	11500	12600	11100	6790	6270	5090	2930	3140	2450
23	9940	5850	10600	11900	12600	11100	6360	5410	4590	2660	2940	2570
24	9570	6260	10600	11700	11900	11100	6270	4830	4300	2780	2920	1590
25	9050	6960	10800	11400	11500	11000	6110	4520	3770	3460	2720	1760
26	8590	7540	10300	11500	11100	11500	6370	4260	2970	4790	2400	2380
27	8150	7180	10500	10900	11000	11700	6770	2890	3160	5820	1860	3440
28	7920	6700	10500	11100	11200	11500	7170	2020	3260	6650	1970	4860
29	7590	6740	10300	10900	---	11600	7560	2590	3930	7240	2260	5790
30	6710	6590	10400	10400	---	11700	7950	3510	3940	7080	2310	5430
31	6860	---	10300	10800	---	11500	---	3270	---	7350	2360	---
TOTAL	288810	181980	280980	299800	302040	352700	231030	261400	138750	119580	190940	77740
MEAN	9316	6066	9064	9671	10790	11380	7701	8432	4625	3857	6159	2591
MAX	11400	7540	11000	11900	12600	11700	11700	12200	6510	7350	12300	5790
MIN	6710	4090	5630	5800	9210	10800	5630	2020	2740	1980	1860	1380

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	7726	6890	8138	9436	10730	11960	9541	7015	5975	4142	5143
MAX	12750	12630	12910	11400	12760	14530	17610	11250	8916	7900	9002
(WY)	1990	1991	1993	1990	1993	1993	1993	1991	1992	1995	1996
MIN	2929	3117	4019	7690	6207	9879	4724	2545	3855	2274	2435
(WY)	1992	1994	1992	1996	1992	1992	1995	1995	1994	1990	1990

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1990 - 1997

ANNUAL TOTAL	2862840	2725750	
ANNUAL MEAN	7822	7468	7595
HIGHEST ANNUAL MEAN			8074
LOWEST ANNUAL MEAN			6869
HIGHEST DAILY MEAN	12600	Mar 21	22900
LOWEST DAILY MEAN	1620	Jul 11	554
ANNUAL SEVEN-DAY MINIMUM	2210	Jul 10	1170
INSTANTANEOUS PEAK STAGE			16.88
10 PERCENT EXCEEDS	11500		12300
50 PERCENT EXCEEDS	7780		7540
90 PERCENT EXCEEDS	4020		2690

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 - 97 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	7390	34200	---	37300	13900	2310	3490	12400	9370	16500
2	13300	---	9040	34300	---	37000	15500	6520	4730	13900	10400	15300
3	9710	---	10700	30800	---	36900	15000	778	8270	14000	13000	13900
4	13900	---	11700	31800	---	36400	15400	4040	8500	15600	11600	13500
5	13500	---	15700	30500	---	35400	7830	5560	5930	16400	8220	14000
6	11800	---	16400	27500	---	36000	8200	3950	12800	16800	7300	13400
7	12000	---	17800	31400	---	---	11600	6570	8380	---	2970	17600
8	11500	---	13900	26700	---	---	9990	2610	9460	---	1580	15700
9	11200	---	15400	24900	24400	---	9190	2930	11000	---	3070	17200
10	10500	---	16100	23400	24700	---	7470	3190	9860	---	3160	18200
11	7180	---	15800	22700	23200	---	2820	1600	12000	16800	5410	17500
12	5070	8320	13500	24600	21000	---	5010	1740	12700	16800	5320	15800
13	5990	8450	14500	23500	20900	---	5210	1580	12300	18300	5920	13000
14	13600	7460	15300	22700	21600	---	3540	4710	14900	20400	5280	10400
15	9410	6250	14100	28600	23100	25000	5140	4470	17400	21500	4140	9290
16	10300	3520	13700	29800	24700	25900	8180	3820	16800	22500	2760	8370
17	12100	6420	16000	27500	23400	26900	8870	7720	15900	21300	3260	9910
18	12700	---	16700	27300	25200	25500	6320	8850	14700	21300	3340	4590
19	---	---	14900	26600	27000	25400	6400	8970	15800	16900	2050	3150
20	---	---	14500	34500	27700	27400	7480	3940	12400	12800	1600	5110
21	---	---	13600	34500	30500	30300	7800	7690	7240	10700	2880	6080
22	---	---	16900	34900	29900	29700	7260	5730	7680	10200	2290	6270
23	---	---	17700	35400	31300	25900	1540	3710	7200	8940	973	5480
24	---	---	23300	36300	32900	23900	8410	2030	8250	9240	378	5490
25	---	---	27500	34300	31600	22700	2800	2420	8250	9110	1440	7750
26	---	9510	28600	33700	35200	21100	1840	1250	8070	8180	4570	8060
27	---	7950	29100	31900	37200	20600	2710	251	8340	7370	8160	8020
28	---	9080	32600	30700	37700	17000	3480	1140	8380	8270	9270	7410
29	---	5160	33500	28800	---	16900	2390	3790	9280	8340	8710	9010
30	---	6480	31600	30400	---	16600	4540	3800	11100	8640	11300	9860
31	---	---	33100	---	---	14100	---	468	---	8800	15000	---
TOTAL	---	---	570630	---	---	---	215820	118137	311110	---	174721	325850
MEAN	---	---	18410	---	---	---	7194	3811	10370	---	5636	10860
MAX	---	---	33500	---	---	---	15500	8970	17400	---	15000	18200
MIN	---	---	7390	---	---	---	1540	251	3490	---	378	3150

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995
MEAN	14570	12230	15280	17810	19430	24590
MAX	26390	25100	24610	21270	24600	28970
(WY)	1990	1991	1993	1990	1993	1993
MIN	5275	5166	6949	14350	12490	18550
(WY)	1992	1994	1992	1994	1992	1995

SUMMARY STATISTICS

WATER YEARS 1990 - 1995

ANNUAL MEAN	14710
HIGHEST ANNUAL MEAN	14710
LOWEST ANNUAL MEAN	14710
HIGHEST DAILY MEAN	62500
LOWEST DAILY MEAN	-267
ANNUAL SEVEN-DAY MINIMUM	1520
INSTANTANEOUS PEAK STAGE	19.48
10 PERCENT EXCEEDS	28600
50 PERCENT EXCEEDS	13400
90 PERCENT EXCEEDS	3710

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

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DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10000	21700	18900	10400	19800	17000	21400	9550	5750	6660	7180	12300
2	10000	21800	18900	9100	19700	17200	21700	11100	6260	3540	7410	11500
3	8540	20800	17000	8800	22200	19300	20100	5140	7980	5740	9880	13100
4	8140	20500	16800	8500	23900	16100	21400	13400	8110	4810	12600	9930
5	8400	19300	13300	8900	23200	16900	21200	16000	7920	7370	13000	13200
6	10100	19800	14400	9500	24500	16600	18200	17100	8300	7680	11900	20200
7	10500	21000	12000	10000	24400	14900	19400	15900	9070	6700	10800	17900
8	10200	22000	10400	10800	25100	15800	19600	19400	9700	4640	11900	20200
9	10300	20800	14400	11700	26000	12300	24200	19800	8150	4510	12100	22600
10	12900	21800	14700	12600	24300	14100	23400	18300	7780	2160	11400	23200
11	14100	25000	13400	13600	24500	16000	24700	15700	4410	4500	9190	25800
12	16100	22500	12800	14700	24700	15500	26300	13800	4340	6700	5530	27300
13	18100	21200	12900	13100	24800	19100	24300	11000	6430	6870	9940	28800
14	20400	22500	13000	13900	25000	22200	22700	11500	7890	5010	9060	28500
15	22300	26000	13900	13200	25100	22600	19100	15700	9090	6270	11100	31000
16	22600	22300	12100	10400	26200	22300	21100	10100	9640	5800	13600	32300
17	22300	23000	9030	9440	22200	21800	17600	4080	11200	5460	14300	35100
18	21800	21800	10500	8630	21000	20300	15600	9140	11000	4080	15100	32900
19	20600	23100	12400	13100	19900	20400	15100	9590	14600	6750	16100	32600
20	19600	22000	11900	8820	21100	26700	14200	8520	14400	6410	15900	33600
21	24000	22400	8500	11500	21800	24300	15200	8620	12300	4820	17300	31800
22	20900	21200	10200	13400	20100	21200	14000	7480	12200	6000	17800	32300
23	19600	21400	12600	14400	21500	22000	12100	6430	14800	7770	16600	30900
24	20700	22700	15300	18100	23400	22200	9680	9070	12600	8780	15300	27900
25	20200	23800	15400	17400	22300	22200	8940	7730	14700	8430	14300	28000
26	19500	23700	15200	16100	21900	24100	11300	4700	8800	10800	12800	25700
27	18100	24700	14100	22100	20600	20500	11300	6690	8260	9200	11600	25100
28	24300	25000	12300	18700	21400	23300	10300	3560	10100	9080	9410	25100
29	21200	24700	11000	18100	17400	23500	9700	2800	8930	8680	7780	25900
30	20100	18800	10700	20100	---	20400	11700	1960	6670	6990	9070	22500
31	18400	---	11500	21400	---	20300	---	4610	---	4240	11900	---
TOTAL	523980	667300	409530	410490	658000	611100	525520	318470	281380	196450	371850	747230
MEAN	16900	22240	13210	13240	22690	19710	17520	10270	9379	6337	12000	24910
MAX	24300	26000	18900	22100	26200	26700	26300	19800	14800	10800	17800	35100
MIN	8140	18800	8500	8500	17400	12300	8940	1960	4340	2160	5530	9930

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1996, BY WATER YEAR (WY)

MEAN	15030	13890	14980	16290	20100	23770	19290	11590	10710	5772	11070	11530
MAX	26390	25100	24610	21270	24600	28970	41350	19760	17380	6674	18460	24910
(WY)	1990	1991	1993	1990	1993	1993	1993	1991	1992	1992	1991	1996
MIN	5275	5166	6949	13240	12490	18550	7194	3811	6354	3503	4333	3936
(WY)	1992	1994	1992	1996	1992	1992	1995	1995	1994	1990	1990	1990

SUMMARY STATISTICS

FOR 1996 WATER YEAR

WATER YEARS 1990 - 1996

ANNUAL TOTAL	5721300		
ANNUAL MEAN	15630		
HIGHEST ANNUAL MEAN		15170	
LOWEST ANNUAL MEAN		15630	1996
HIGHEST DAILY MEAN		14710	1990
LOWEST DAILY MEAN	35100	62500	Jan 22 1993
ANNUAL SEVEN-DAY MINIMUM	1960	-267	Sep 24 1992
INSTANTANEOUS PEAK STAGE	4300	1520	Jul 2 1990
10 PERCENT EXCEEDS	18.17	19.48	Dec 31 1994
50 PERCENT EXCEEDS	24400		
90 PERCENT EXCEEDS	14900		
	6830		

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22000	---	13200	16200	22800	---	19900	17000	3850	5300	11900	1450
2	22200	---	14800	19100	19700	---	15800	14500	3520	4340	15800	2600
3	19900	---	11000	19700	18600	---	17900	16300	3560	5320	18700	2070
4	17900	---	10500	16300	16700	---	17600	17200	1690	5810	22000	1230
5	18500	---	7760	14700	19500	---	17200	16300	892	7200	22100	2740
6	16700	---	14000	12600	16800	---	15900	18700	3380	5810	22600	5230
7	14500	---	11400	9950	16100	---	16700	18400	10600	6870	22600	5150
8	21800	---	11700	7910	18800	---	14700	21300	12700	5620	22300	4800
9	25900	---	13900	9170	18300	---	17100	25000	12100	5210	24100	3180
10	---	---	11400	15400	18300	---	14600	24600	12900	5500	22100	2790
11	---	---	14800	14600	18500	---	13900	24400	14100	4940	18500	2650
12	---	---	15200	14600	20400	---	13900	25500	12700	7760	16100	1850
13	---	---	16300	16600	16500	---	14800	25600	12400	7360	11600	1900
14	---	---	16800	17200	22100	---	12000	24600	11300	6260	8600	3280
15	---	---	15700	16400	22600	---	7780	24900	6190	4080	6360	3260
16	---	---	17800	20300	20200	---	9860	23000	6740	2470	6280	2980
17	---	---	18100	19000	20800	---	11400	21400	8300	1370	5670	1590
18	---	---	20000	20500	21500	---	10900	20200	9340	2100	4850	3520
19	---	5610	21300	17100	22600	---	8280	18000	8930	2860	1510	4420
20	---	4470	19700	20700	23700	---	8230	15900	7090	3040	3620	6330
21	---	6200	17300	19800	24300	19700	9430	10200	7360	4090	6440	5480
22	---	9850	18700	---	27900	21000	10600	8720	8710	5610	6950	4470
23	---	9240	18700	---	25700	18900	10800	9000	8670	4970	5470	6940
24	---	11000	18500	---	26600	20800	10100	8350	7770	6020	5960	1090
25	---	10800	18400	---	26300	21700	10600	8070	8190	5920	4160	1880
26	---	14600	16600	---	26300	24600	11200	8770	6620	7530	3440	2230
27	---	11100	20100	---	---	21800	---	2830	5500	10300	2060	5060
28	---	11400	18000	---	---	22700	---	4320	2350	11500	2270	11300
29	---	11400	19100	---	---	25300	---	5230	5460	11700	2650	12400
30	---	10900	19900	---	---	21300	---	6050	5680	7780	1500	10400
31	---	---	19600	22700	---	26700	---	3770	---	11600	2660	---
TOTAL	---	---	500260	---	---	---	---	488110	228592	186240	330850	124270
MEAN	---	---	16140	---	---	---	---	15750	7620	6008	10670	4142
MAX	---	---	21300	---	---	---	---	25600	14100	11700	24100	12400
MIN	---	---	7760	---	---	---	---	2830	892	1370	1500	1090

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

MEAN	15030	13890	15130	16290	20100	23770	19290	12110	10270	5819	11020	10480
MAX	26390	25100	24610	21270	24600	28970	41350	19760	17380	6674	18460	24910
(WY)	1990	1991	1993	1990	1993	1993	1993	1991	1992	1992	1991	1996
MIN	5275	5166	6949	13240	12490	18550	7194	3811	6354	3503	4333	3936
(WY)	1992	1994	1992	1996	1992	1992	1995	1995	1994	1990	1990	1990

SUMMARY STATISTICS

WATER YEARS 1990 - 1997

ANNUAL MEAN	15170
HIGHEST ANNUAL MEAN	15630
LOWEST ANNUAL MEAN	14710
HIGHEST DAILY MEAN	62500
LOWEST DAILY MEAN	-267
ANNUAL SEVEN-DAY MINIMUM	1520
INSTANTANEOUS PEAK STAGE	19.48
10 PERCENT EXCEEDS	26400
50 PERCENT EXCEEDS	13600
90 PERCENT EXCEEDS	3950

1996

1990

Jan 22 1993

Sep 24 1992

Jul 2 1990

Dec 31 1994

WACCAMAW RIVER BASIN
02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC

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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; 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, 9,940 microsiemens, Sept. 6; minimum, 64 microsiemens, Oct. 19.

WATER TEMPERATURE: Maximum, 30.5°C, several days in July; minimum, 4.5°C, Jan. 20, 21.

DISSOLVED OXYGEN: Maximum, 9.6 mg/L, Jan. 18; minimum, 1.5 mg/L, Oct. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	96	90	91	136	88	106	110	110	110	100	100	100
2	94	86	91	124	90	99	120	110	118	100	100	100
3	94	86	89	140	96	109	120	120	120	110	100	101
4	114	80	90	136	100	111	120	110	118	110	100	101
5	122	84	96	118	102	106	120	110	119	110	100	100
6	112	94	104	110	102	106	120	110	118	110	90	100
7	108	88	99	122	100	110	120	110	114	100	100	100
8	4460	98	551	116	102	107	130	120	120	100	100	100
9	114	84	105	150	110	123	120	110	120	300	100	114
10	108	78	94	146	112	119	120	120	120	100	100	100
11	122	80	95	152	102	120	120	110	120	100	100	100
12	116	88	98	154	92	113	120	110	111	100	100	100
13	118	78	91	150	108	119	110	110	110	110	100	102
14	94	72	84	150	100	114	110	110	110	110	110	110
15	106	74	86	110	100	109	110	110	110	110	100	104
16	94	74	84	2780	110	478	110	110	110	110	100	100
17	100	72	83	1310	110	233	110	110	110	100	100	100
18	106	78	85	140	110	118	110	110	110	100	100	100
19	122	64	88	120	110	111	110	110	110	100	100	100
20	132	74	91	130	110	114	110	110	110	100	100	100
21	116	74	92	150	110	122	110	110	110	100	100	100
22	116	86	99	120	120	120	110	110	110	100	90	98
23	100	86	92	130	120	124	110	110	110	100	90	96
24	108	84	91	130	130	130	110	100	106	100	90	94
25	110	80	97	130	120	123	110	100	100	---	---	---
26	114	80	87	120	110	119	100	100	100	---	---	---
27	112	82	87	120	110	111	100	100	100	---	---	---
28	92	84	88	110	110	110	110	100	104	---	---	---
29	108	90	99	110	110	110	100	100	100	---	---	---
30	98	90	94	110	110	110	100	100	100	---	---	---
31	98	90	92	---	---	---	100	100	100	110	90	92
MONTH	4460	64	107	2780	88	130	130	100	111	300	90	100

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	100	90	93	90	80	82	119	97	104	133	115	123
2	100	90	95	90	80	84	107	96	100	147	119	136
3	100	100	100	90	80	84	107	94	100	156	121	138
4	100	100	100	90	80	82	111	89	100	137	113	124
5	100	100	100	90	80	81	112	98	104	132	102	109
6	100	90	96	90	79	81	120	87	104	129	106	116
7	100	90	93	---	---	---	106	92	99	123	100	113
8	100	90	99	---	---	---	118	94	107	118	100	110
9	100	100	100	---	---	---	117	97	105	114	95	102
10	100	100	100	---	---	---	112	90	101	106	93	99
11	100	100	100	---	---	---	112	89	101	110	94	102
12	100	100	100	---	---	---	107	99	103	106	89	97
13	100	100	100	---	---	---	110	100	104	103	90	94
14	100	100	100	94	74	83	120	105	110	103	93	96
15	100	100	100	94	83	87	131	109	116	101	95	97
16	100	90	98	93	82	86	128	107	117	101	96	98
17	100	100	100	92	82	86	127	110	116	103	97	100
18	100	90	93	92	81	86	131	116	122	106	99	101
19	100	90	97	100	80	89	163	130	142	115	100	108
20	90	90	90	90	80	87	158	119	135	175	107	119
21	90	80	89	100	89	91	142	112	128	182	170	176
22	90	80	81	99	88	89	140	113	125	186	105	138
23	80	80	80	98	88	88	146	118	129	114	106	110
24	80	80	80	117	87	100	130	112	116	185	107	140
25	80	80	80	107	86	88	165	116	149	123	112	117
26	80	80	80	106	76	96	157	129	143	192	115	138
27	90	80	83	112	93	97	155	121	141	201	189	195
28	90	80	85	105	93	97	146	119	135	585	195	297
29	---	---	---	101	90	96	134	114	124	506	121	242
30	---	---	---	110	90	97	131	116	122	701	121	216
31	---	---	---	120	96	104	---	---	---	610	125	206
MONTH	100	80	93	120	74	89	165	87	117	701	89	134
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	228	131	164	140	120	126	100	90	91	7480	230	1930
2	220	130	146	140	120	125	90	90	90	7480	310	3010
3	180	140	149	140	120	127	90	90	90	6440	320	2870
4	3740	140	387	140	120	130	90	80	90	7190	250	3330
5	9830	140	1320	140	130	131	130	90	102	9860	620	5060
6	9800	620	4260	140	130	130	120	90	94	9940	500	4500
7	9800	160	2130	130	130	130	100	90	97	6230	300	2910
8	3040	140	451	140	130	130	100	90	96	5630	230	2330
9	150	140	149	130	130	130	100	90	97	6010	210	2370
10	150	130	143	130	130	130	100	100	100	8020	260	3320
11	140	130	132	130	120	126	110	100	102	7020	250	2680
12	130	130	130	160	120	132	110	110	110	6640	220	2160
13	130	120	125	150	120	130	110	110	110	7340	300	2410
14	120	120	120	130	120	125	160	110	123	6250	210	1910
15	120	110	118	140	120	130	160	160	160	---	---	---
16	120	110	114	140	129	136	160	160	160	---	---	---
17	120	110	111	268	138	149	160	120	148	---	---	---
18	120	110	119	618	138	174	270	130	157	---	---	---
19	130	120	129	618	137	187	320	200	205	---	---	---
20	130	130	130	637	146	209	2720	180	856	---	---	---
21	130	130	130	866	145	261	2750	140	565	---	---	---
22	130	120	123	1590	155	397	230	130	168	---	---	---
23	120	120	120	595	154	218	660	130	222	6040	260	1850
24	130	120	121	744	143	231	1670	130	330	6130	200	1880
25	130	120	127	163	143	152	3450	140	696	---	---	---
26	130	120	126	162	132	147	3900	140	929	---	---	---
27	130	120	128	162	131	138	5330	150	1330	---	---	---
28	130	120	125	151	131	137	4800	190	1530	---	---	---
29	130	120	124	150	130	137	4930	180	1130	---	---	---
30	130	120	124	130	100	111	6080	220	1720	---	---	---
31	---	---	---	110	90	99	5860	250	2150	---	---	---
MONTH	9830	110	393	1590	90	155	6080	80	447	9940	200	2780
YEAR	9940	64	297									

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

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	12.5	11.5	12.0	11.0	10.5	10.5
2	---	---	---	---	---	---	12.5	11.5	12.0	11.0	10.5	10.5
3	---	---	---	---	---	---	12.5	11.0	11.5	12.0	11.0	11.5
4	23.5	21.5	23.0	---	---	---	12.0	11.0	11.5	12.5	11.5	12.0
5	23.5	22.0	22.5	---	---	---	11.5	11.0	11.0	13.0	12.0	12.0
6	22.5	21.0	22.0	---	---	---	12.0	10.5	11.0	13.0	12.0	12.5
7	21.0	20.5	21.0	---	---	---	12.0	10.5	11.5	12.5	12.0	12.5
8	21.0	20.0	20.0	---	---	---	11.5	10.5	11.0	12.0	11.5	12.0
9	21.5	20.0	21.0	---	---	---	10.5	9.5	10.0	12.0	11.5	11.5
10	21.0	19.5	20.5	---	---	---	10.5	9.0	9.5	11.5	10.5	11.0
11	20.5	20.0	20.5	---	---	---	10.5	9.5	10.0	10.5	9.0	10.0
12	20.5	19.0	19.5	---	---	---	11.0	10.0	10.5	10.0	8.5	9.5
13	20.0	19.0	19.5	---	---	---	11.0	10.5	10.5	9.0	8.0	8.5
14	20.5	19.5	20.0	---	---	---	11.0	10.0	10.5	8.0	7.0	7.5
15	20.0	18.5	19.5	13.0	11.5	12.5	10.5	9.5	10.0	7.5	6.5	7.0
16	20.5	19.5	20.0	12.5	11.0	11.5	10.0	9.5	9.5	9.0	6.5	8.0
17	20.5	19.5	20.0	12.0	11.0	11.5	10.5	9.5	10.0	7.0	6.0	6.5
18	21.0	20.0	20.5	12.0	11.0	11.5	10.5	10.5	10.5	7.0	5.0	6.0
19	21.0	19.5	20.0	12.0	11.0	11.5	10.5	8.5	10.0	5.5	5.0	5.5
20	20.0	19.0	19.5	12.0	11.0	11.5	9.0	8.0	8.5	6.0	4.5	5.0
21	20.0	18.5	19.0	12.5	11.5	12.0	8.5	7.5	8.0	6.5	4.5	5.5
22	---	---	---	12.5	11.0	12.0	8.0	7.0	7.5	6.0	5.5	5.5
23	---	---	---	12.0	11.0	11.5	8.5	6.5	7.5	7.5	6.0	6.5
24	---	---	---	12.5	11.0	11.5	9.0	7.5	8.0	---	---	---
25	---	---	---	12.5	11.5	12.0	8.5	7.5	8.0	---	---	---
26	---	---	---	14.5	12.5	13.0	8.0	7.5	7.5	---	---	---
27	---	---	---	12.5	11.5	12.0	8.5	8.0	8.0	---	---	---
28	---	---	---	12.0	11.0	11.5	9.0	8.0	8.5	---	---	---
29	---	---	---	11.5	10.5	11.5	9.5	8.5	9.0	---	---	---
30	---	---	---	11.5	11.0	11.5	10.5	9.5	9.5	---	---	---
31	---	---	---	---	---	---	11.5	10.0	10.5	9.0	8.0	8.5
MONTH	23.5	18.5	20.4	14.5	10.5	11.8	12.5	6.5	9.8	13.0	4.5	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	8.5	8.5	---	---	---	18.0	16.5	17.0	19.5	18.0	18.5
2	9.0	8.5	8.5	---	---	---	17.5	16.5	17.0	19.5	18.5	19.0
3	10.0	8.5	9.0	---	---	---	17.0	16.0	16.5	20.0	19.0	19.5
4	9.5	9.0	9.5	---	---	---	17.5	16.0	16.5	20.0	18.0	19.0
5	11.0	9.5	10.0	---	---	---	18.0	16.5	17.0	19.5	18.0	19.0
6	11.5	10.0	10.5	---	---	---	19.0	17.0	18.0	20.0	18.0	19.0
7	11.5	10.5	11.0	---	---	---	20.0	18.0	19.0	19.0	18.0	18.5
8	11.0	10.5	10.5	---	---	---	19.5	18.0	18.5	19.5	18.0	19.0
9	10.5	9.5	10.0	---	---	---	19.5	18.0	19.0	21.0	19.0	19.5
10	10.0	9.0	9.5	---	---	---	18.5	17.0	18.0	21.0	19.0	19.5
11	9.5	8.5	9.0	---	---	---	18.5	17.0	18.0	19.5	18.5	19.0
12	9.0	8.0	8.5	---	---	---	18.5	17.5	18.0	19.0	18.5	18.5
13	8.5	8.0	8.5	---	---	---	19.5	17.5	18.0	20.5	18.5	19.0
14	8.5	8.5	8.5	---	---	---	18.0	17.0	17.5	20.0	19.0	19.5
15	9.0	8.0	8.5	---	---	---	18.0	17.0	17.5	21.0	19.0	20.0
16	8.5	8.0	8.0	---	---	---	18.5	17.0	17.5	20.5	19.5	20.0
17	9.0	8.0	8.5	---	---	---	18.5	17.0	18.0	21.0	19.5	20.5
18	9.0	8.0	8.5	---	---	---	17.5	16.5	17.0	21.5	20.0	20.5
19	10.0	8.5	9.0	---	---	---	18.0	16.0	17.0	22.0	20.5	21.0
20	11.0	9.5	10.0	---	---	---	19.0	16.5	17.5	23.0	21.5	22.0
21	12.0	10.5	11.0	16.5	15.0	15.5	18.5	17.0	18.0	23.0	22.0	22.5
22	13.0	12.0	12.5	17.0	15.0	16.0	19.5	18.0	18.5	23.5	21.5	22.5
23	13.0	12.0	12.5	17.0	15.5	16.5	19.0	18.0	18.5	24.0	22.0	23.0
24	12.5	11.5	12.0	17.0	16.0	16.5	19.5	17.5	18.0	23.5	22.5	23.0
25	12.0	11.5	12.0	17.0	16.0	16.5	19.0	17.5	18.0	23.5	23.0	23.0
26	12.0	11.5	12.0	17.5	16.5	16.5	18.5	17.5	18.0	24.5	23.0	23.5
27	---	---	---	17.5	16.0	17.0	18.0	18.0	18.0	24.0	23.0	23.0
28	---	---	---	18.0	16.5	17.0	18.5	18.0	18.0	23.0	22.0	22.5
29	---	---	---	19.5	17.0	18.0	18.5	18.0	18.0	22.5	21.5	22.5
30	---	---	---	19.0	18.0	18.5	18.5	17.5	18.0	23.0	22.5	23.0
31	---	---	---	18.5	17.5	18.0	---	---	---	23.5	22.5	23.0
MONTH	13.0	8.0	9.8	19.5	15.0	16.9	20.0	16.0	17.8	24.5	18.0	20.7

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

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.1	1.6	2.4	6.3	5.4	6.0	---	---	---	8.3	8.0	8.2
2	2.0	1.5	1.8	7.4	5.8	6.8	---	---	---	8.2	7.7	8.0
3	4.0	1.8	2.4	8.0	6.7	7.3	---	---	---	8.3	7.6	7.9
4	5.1	3.4	4.1	7.8	7.0	7.3	---	---	---	7.9	7.3	7.6
5	5.6	3.7	4.9	7.9	6.9	7.5	7.8	7.0	7.4	7.8	6.8	7.4
6	6.2	4.8	5.4	8.0	7.2	7.6	7.8	7.4	7.6	7.5	6.9	7.2
7	7.1	5.1	6.4	---	---	---	8.0	7.4	7.7	7.2	6.6	7.0
8	7.7	6.2	6.9	---	---	---	8.5	7.6	7.9	7.5	6.7	7.2
9	6.3	4.3	5.3	---	---	---	8.3	7.9	8.2	7.7	7.2	7.4
10	5.4	4.3	4.9	---	---	---	8.2	7.9	8.1	8.6	7.4	7.9
11	5.4	4.5	5.0	---	---	---	8.3	8.0	8.1	8.5	7.7	8.0
12	5.7	4.5	5.0	---	---	---	8.3	7.9	8.1	8.0	7.6	7.8
13	6.3	4.8	5.7	---	---	---	8.2	7.9	8.0	8.5	7.8	8.1
14	5.8	4.6	5.1	---	---	---	8.1	7.7	7.9	9.0	8.2	8.5
15	5.9	5.2	5.6	---	---	---	8.1	7.8	7.9	9.1	8.5	8.8
16	5.7	5.1	5.5	---	---	---	8.0	7.5	7.8	9.5	8.8	9.1
17	5.8	5.2	5.6	---	---	---	8.0	7.5	7.7	9.3	8.6	9.0
18	5.9	4.8	5.5	---	---	---	7.8	7.3	7.6	9.6	8.6	9.1
19	7.0	5.5	6.4	---	---	---	8.3	7.3	7.8	9.3	8.6	8.9
20	6.3	5.1	5.7	---	---	---	8.1	7.8	7.9	9.1	8.4	8.8
21	6.0	5.5	5.7	---	---	---	8.0	7.5	7.8	9.3	8.2	8.9
22	5.9	4.5	5.3	---	---	---	8.2	7.9	8.1	9.2	8.8	9.1
23	5.8	4.8	5.1	---	---	---	8.4	8.0	8.2	---	---	---
24	6.4	4.7	5.6	---	---	---	9.0	8.1	8.4	---	---	---
25	5.7	4.4	5.3	---	---	---	8.8	8.5	8.7	---	---	---
26	5.8	5.3	5.6	---	---	---	8.8	8.5	8.7	---	---	---
27	6.1	4.8	5.4	---	---	---	8.7	8.4	8.6	---	---	---
28	6.1	4.9	5.4	---	---	---	8.6	8.4	8.5	---	---	---
29	5.8	4.9	5.3	---	---	---	8.5	8.1	8.4	---	---	---
30	6.1	4.9	5.5	---	---	---	8.6	8.0	8.3	---	---	---
31	5.9	5.0	5.5	---	---	---	8.7	7.8	8.2	7.8	7.2	7.4
MONTH	7.7	1.5	5.1	8.0	5.4	7.1	9.0	7.0	8.1	9.6	6.6	8.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.5	7.3	7.3	---	---	---	7.9	6.0	6.6	7.2	6.7	6.9
2	7.8	7.0	7.3	---	---	---	6.8	5.9	6.3	7.2	6.7	6.9
3	7.7	7.0	7.3	---	---	---	6.5	5.8	6.1	7.6	6.6	7.0
4	7.5	6.9	7.2	---	---	---	6.6	5.9	6.2	7.6	6.5	6.8
5	8.2	6.9	7.6	---	---	---	7.3	5.8	6.3	6.9	6.3	6.5
6	7.9	7.1	7.4	---	---	---	7.4	5.9	6.4	7.2	6.1	6.6
7	7.6	7.0	7.3	---	---	---	7.3	5.5	6.4	6.8	6.2	6.5
8	7.5	6.9	7.2	---	---	---	6.5	5.5	6.2	6.5	6.0	6.2
9	7.5	6.8	7.2	---	---	---	6.5	5.5	6.0	7.2	6.0	6.5
10	7.5	6.9	7.1	---	---	---	6.8	5.6	6.2	7.6	6.1	6.7
11	7.4	6.8	7.1	---	---	---	6.8	5.5	6.3	6.6	6.0	6.2
12	8.0	7.0	7.4	---	---	---	6.9	6.1	6.3	6.5	6.0	6.1
13	8.1	7.4	7.7	---	---	---	7.2	6.0	6.4	7.0	6.0	6.4
14	8.1	7.4	7.7	---	---	---	7.3	6.4	6.7	6.5	5.6	6.0
15	8.2	7.4	7.7	---	---	---	7.1	6.4	6.7	6.7	5.8	6.2
16	7.9	7.4	7.6	---	---	---	7.0	6.5	6.7	6.7	5.6	6.0
17	8.0	7.3	7.7	---	---	---	7.7	6.5	7.0	6.3	5.5	5.9
18	8.2	7.4	7.8	---	---	---	8.0	7.0	7.5	6.0	5.6	5.7
19	8.4	7.5	7.8	---	---	---	7.9	7.2	7.4	6.3	5.6	5.8
20	8.5	7.4	7.7	---	---	---	7.8	7.1	7.4	6.7	5.6	6.0
21	8.3	7.2	7.5	6.7	5.7	6.2	7.8	7.0	7.3	6.5	5.2	5.6
22	7.8	6.9	7.2	7.1	5.7	6.3	8.0	7.1	7.5	5.9	4.9	5.3
23	7.1	6.6	6.8	7.0	5.8	6.4	7.8	6.9	7.3	5.5	4.6	5.0
24	7.4	6.5	6.9	6.6	6.0	6.3	8.5	6.9	7.6	5.5	4.5	4.9
25	7.3	6.6	6.8	6.9	6.2	6.5	7.8	7.1	7.4	5.8	4.6	5.2
26	7.3	6.4	6.8	8.0	6.5	7.0	7.5	6.8	7.1	6.4	5.5	5.9
27	---	---	---	7.3	5.9	6.5	7.1	6.7	6.9	6.3	5.5	5.9
28	---	---	---	6.9	5.9	6.3	7.8	6.9	7.3	6.6	5.8	6.3
29	---	---	---	8.3	6.0	7.0	7.8	7.3	7.7	---	---	---
30	---	---	---	7.3	5.6	6.2	7.4	6.8	7.1	---	---	---
31	---	---	---	7.6	5.9	6.8	---	---	---	---	---	---
MONTH	8.5	6.4	7.4	8.3	5.6	6.5	8.5	5.5	6.8	7.6	4.5	6.1

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

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	4.7	4.3	4.4	4.4	3.9	4.1	4.9	4.0	4.4
2	---	---	---	4.6	4.1	4.4	4.1	3.6	3.8	4.9	4.3	4.5
3	6.3	5.5	5.8	4.7	3.9	4.2	4.1	3.4	3.7	5.1	4.4	4.6
4	6.7	5.3	6.1	4.5	3.9	4.2	4.5	3.5	4.0	5.5	4.5	4.9
5	6.6	4.9	6.1	4.9	4.0	4.5	4.5	3.7	4.0	6.0	4.8	5.2
6	7.2	5.4	6.2	5.4	4.2	4.7	4.7	3.7	4.0	6.3	5.0	5.4
7	7.1	5.6	6.5	5.2	4.3	4.8	4.2	3.7	3.9	5.9	4.9	5.2
8	6.8	6.0	6.5	5.1	4.3	4.7	4.3	3.7	3.9	5.8	5.0	5.3
9	6.6	6.3	6.5	5.3	4.3	4.7	4.1	3.7	3.9	5.8	5.0	5.3
10	6.8	6.4	6.6	5.3	4.4	4.8	4.1	3.5	3.7	5.8	5.0	5.2
11	6.7	6.5	6.6	5.1	4.5	4.8	3.9	3.6	3.7	5.7	5.0	5.2
12	6.5	6.3	6.4	5.1	4.6	4.9	3.9	3.5	3.6	5.5	4.9	5.1
13	6.6	6.0	6.4	5.2	4.6	4.8	4.3	3.5	3.8	5.6	4.7	5.1
14	6.8	6.3	6.5	5.4	4.5	4.8	4.6	3.5	3.9	5.1	4.6	4.8
15	6.7	6.2	6.4	5.9	4.7	5.3	4.6	3.6	4.0	---	---	---
16	6.5	5.9	6.2	6.0	5.2	5.5	4.4	3.6	4.0	---	---	---
17	6.0	5.5	5.8	6.1	5.1	5.5	4.4	3.7	4.1	---	---	---
18	5.8	5.2	5.5	6.2	5.0	5.4	5.1	4.1	4.5	---	---	---
19	6.2	5.5	5.7	5.8	4.9	5.3	4.7	4.0	4.4	---	---	---
20	5.7	5.2	5.4	5.8	4.8	5.3	4.6	4.0	4.3	---	---	---
21	5.6	5.0	5.3	5.5	4.7	5.1	4.4	3.8	4.2	---	---	---
22	5.7	4.9	5.3	5.4	4.5	5.0	4.2	3.7	4.0	---	---	---
23	5.7	5.1	5.4	5.2	4.5	4.8	4.5	3.9	4.1	4.8	4.2	4.5
24	5.6	4.9	5.3	5.9	4.8	5.2	4.9	4.0	4.3	5.0	4.2	4.4
25	5.8	4.9	5.3	5.4	4.7	5.0	4.9	4.2	4.4	---	---	---
26	5.9	5.2	5.5	5.1	4.4	4.7	4.8	4.2	4.4	---	---	---
27	5.9	4.9	5.4	4.7	4.2	4.5	5.0	4.2	4.5	---	---	---
28	5.5	4.8	5.2	5.0	4.2	4.6	5.2	4.2	4.5	---	---	---
29	5.3	4.7	5.0	5.2	4.3	4.7	5.0	4.2	4.4	---	---	---
30	5.1	4.4	4.8	4.8	4.0	4.3	4.5	4.1	4.3	---	---	---
31	---	---	---	4.8	4.2	4.6	4.8	4.0	4.3	---	---	---
MONTH	7.2	4.4	5.8	6.2	3.9	4.8	5.2	3.4	4.1	6.3	4.0	4.9
YEAR	9.6	1.5	6.1									

Note: Dissolved oxygen concentrations are not corrected for salinity.

PEE DEE RIVER BASIN
02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC

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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.--Records good except for estimated daily discharges, Jan. 21 - 28, July 5 - 14, Sept. 18 - 22, which are poor. Flow regulated by powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³/s).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4370	8320	4320	5330	11600	13600	13200	62300	3700	3410	11900	1570
2	8810	8640	4920	4140	10700	30600	11700	58100	1950	4180	7010	1610
3	16600	8610	9770	5080	10400	28300	10600	45600	3100	2890	2980	3770
4	12400	4950	13200	3780	9800	20800	9650	36300	5790	3150	2760	3310
5	10100	7000	14800	2170	9490	15500	8640	30200	6800	3000	3970	2460
6	5440	6400	13600	3760	9390	16400	4830	22700	7040	2750	3560	2820
7	2210	3580	17600	4230	9350	15500	2570	17400	7550	2500	2270	1810
8	11100	3480	17100	6170	9530	14300	2710	14200	7610	2300	2950	1670
9	24100	5450	15100	6410	10000	13300	7010	12900	7340	2100	3400	1920
10	26000	2050	13600	18800	10900	12900	6530	12200	5580	2300	2810	1820
11	17500	3000	12000	25600	11000	12600	7300	9860	4640	2380	2140	3930
12	12400	3490	11100	18700	10300	12400	4960	7190	4630	2460	3330	4370
13	10300	3090	12100	12500	10000	11300	4630	7350	5860	2560	2990	3650
14	5530	3410	12400	10900	16300	12200	8680	7940	5980	2650	3830	2000
15	3250	5090	14800	8730	41100	16900	10100	8310	6430	2720	3860	1420
16	5340	4650	13000	7040	51000	20800	8550	6490	6930	3030	3940	3370
17	5950	2750	12800	12800	46200	16600	9060	4190	7060	3280	2240	3740
18	5550	1730	11100	16400	35500	13200	9240	4690	6870	3450	1630	3400
19	5070	5210	10900	10600	25600	13200	8920	4480	6480	3430	3460	3050
20	1590	5980	12500	7670	19600	14300	6330	4400	3150	1950	3700	2700
21	1790	6310	13200	7300	15900	18300	5620	4070	4300	2210	3590	2330
22	4580	8140	12400	7000	15800	17000	6820	4030	4010	2490	3650	2300
23	4930	8570	11100	6800	15000	14300	8310	4550	1620	4050	3700	1950
24	5560	8100	9970	7000	13700	13100	12500	3060	3220	39400	2280	3040
25	4490	3830	10500	7800	12600	12600	19400	1210	3700	59400	1910	4460
26	6160	6370	10700	8600	10600	13100	14400	1710	4420	63200	3330	5940
27	4160	7950	11300	9600	8980	14300	13000	3710	4030	48600	3030	4930
28	1730	8390	11900	10400	9110	14200	21000	4000	4240	34500	3340	3010
29	6620	3500	10700	11000	---	14500	49400	3560	3310	23500	2680	1560
30	6970	5190	9780	10200	---	13300	58000	3420	3180	14900	2080	1750
31	7710	---	8950	10400	---	13600	---	3710	---	11700	1690	---
TOTAL	248310	163230	367210	286910	469450	483000	363660	413830	150520	360440	106010	85660
MEAN	8010	5441	11850	9255	16770	15580	12120	13350	5017	11630	3420	2855
MAX	26000	8640	17600	25600	51000	30600	58000	62300	7610	63200	11900	5940
MIN	1590	1730	4320	2170	8980	11300	2570	1210	1620	1950	1630	1420
CFSM	1.05	.72	1.56	1.22	2.21	2.05	1.60	1.76	.66	1.53	.45	.38
IN.	1.22	.80	1.80	1.40	2.30	2.36	1.78	2.03	.74	1.76	.52	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1997, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997
MEAN	6534	8057	7337	14940	14010	20020	14600
MAX	15040	18640	11850	27070	24800	35610	24740
(WY)	1996	1997	1998	1999	2000	2001	2002
MIN	2202	2449	3475	5732	6597	11350	3420
(WY)	1994	1995	1996	1997	1998	1999	2000

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1991 - 1997
ANNUAL TOTAL	3469763	3498230	
ANNUAL MEAN	9480	9584	9387
HIGHEST ANNUAL MEAN			11330
LOWEST ANNUAL MEAN			6255
HIGHEST DAILY MEAN	66300	Jan 29	77400
LOWEST DAILY MEAN	764	Jul 15	556
ANNUAL SEVEN-DAY MINIMUM	2020	Jul 10	880
INSTANTANEOUS PEAK FLOW			* 88200
INSTANTANEOUS PEAK STAGE			* 87.51
ANNUAL RUNOFF (CFSM)	1.25	1.26	1.24
ANNUAL RUNOFF (INCHES)	16.98	17.12	16.78
10 PERCENT EXCEEDS	16800	17000	20100
50 PERCENT EXCEEDS	7190	6870	6190
90 PERCENT EXCEEDS	2580	2320	2020

* From discharge measurement made prior to gage installation.

DRAINAGE AREA.--108 mi².

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, Jan. 31, Feb. 1, June 9, July 16 - 18., which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123	108	143	147	194	215	185	441	64	67	279	75
2	167	128	181	155	195	242	167	311	71	71	287	68
3	196	168	191	155	180	287	153	245	72	72	268	64
4	208	179	198	151	161	327	144	222	72	69	179	58
5	186	193	203	145	153	261	140	205	71	59	106	52
6	122	207	183	145	149	217	136	212	91	49	89	49
7	101	164	174	145	146	195	140	183	134	44	80	48
8	285	163	199	140	156	192	154	141	135	44	76	46
9	421	200	196	200	175	192	153	125	124	44	73	46
10	597	210	182	265	180	175	132	123	93	47	113	49
11	574	211	164	275	191	166	122	111	75	48	200	47
12	385	209	149	330	181	172	155	103	66	48	135	58
13	251	171	142	318	174	166	213	99	64	47	99	67
14	187	146	138	245	234	175	225	95	123	44	79	62
15	145	138	133	196	331	203	245	90	126	42	74	64
16	131	133	129	196	438	213	239	83	87	39	66	67
17	127	129	128	211	544	230	173	79	71	39	61	65
18	131	128	129	213	449	223	138	75	65	39	57	59
19	137	144	166	228	317	179	136	73	70	54	56	57
20	142	155	180	230	244	188	129	71	69	57	56	55
21	128	161	181	195	216	203	125	61	63	66	55	53
22	116	169	176	176	218	223	113	58	55	55	53	50
23	119	170	151	168	217	230	161	57	51	83	51	49
24	117	176	142	166	217	199	172	54	52	494	50	51
25	115	177	140	179	219	168	176	53	50	673	49	100
26	113	159	141	180	203	197	183	67	47	921	51	147
27	111	147	154	185	186	316	152	64	45	625	50	135
28	111	138	161	200	180	299	198	66	56	331	49	128
29	115	131	167	193	---	323	302	60	72	190	47	154
30	118	129	158	182	---	259	392	59	72	184	57	151
31	112	---	149	190	---	208	---	59	---	245	73	---
TOTAL	5891	4841	5028	6104	6448	6843	5253	3745	2306	4890	3018	2174
MEAN	190	161	162	197	230	221	175	121	76.9	158	97.4	72.5
MAX	597	211	203	330	544	327	392	441	135	921	287	154
MIN	101	108	128	140	146	166	113	53	45	39	47	46
CFSM	1.76	1.49	1.50	1.82	2.13	2.04	1.62	1.12	.71	1.46	.90	.67
IN.	2.03	1.67	1.73	2.10	2.22	2.36	1.81	1.29	.79	1.68	1.04	.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1997, BY WATER YEAR (WY)

MEAN	133	138	163	207	221	239	194	134	115	113	124	99.8
MAX	469	230	267	362	411	346	338	276	272	357	370	245
(WY)	1991	1972	1973	1993	1960	1987	1960	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
02130900 BLACK CREEK NEAR MCBEE, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1960 - 1997	
ANNUAL TOTAL	51986		56541			
ANNUAL MEAN	142		155			
HIGHEST ANNUAL MEAN					157	
LOWEST ANNUAL MEAN					237	
HIGHEST DAILY MEAN					91.4	
LOWEST DAILY MEAN					2460	
ANNUAL SEVEN-DAY MINIMUM	597	Oct 10	921	Jul 26	17	Oct 13 1990
INSTANTANEOUS PEAK FLOW	30	Jul 1	39 ***	Jul 16	18	* Jun 29 1981
INSTANTANEOUS PEAK STAGE	33	Jun 26	43	Jul 12	18	Jul 30 1990
ANNUAL RUNOFF (CFSM)					** 4500	Oct 12 1990
ANNUAL RUNOFF (INCHES)					13.07	
10 PERCENT EXCEEDS					1.45	
50 PERCENT EXCEEDS					19.70	
90 PERCENT EXCEEDS					281	
					145	
					53	

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

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

*** Also occurred on July 17, 18.

PEE DEE RIVER BASIN
02130910 BLACK CREEK NEAR HARTSVILLE, SC

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

DRAINAGE AREA.--173 mi².

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

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

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	233	156	191	212	259	324	291	348	87	101	401	81
2	237	160	213	204	258	322	265	384	90	135	311	86
3	243	161	216	202	258	323	246	392	94	131	304	91
4	249	164	224	202	249	340	225	391	91	125	297	87
5	248	174	229	200	238	347	207	353	88	118	274	79
6	241	184	245	201	226	345	195	322	112	108	234	75
7	233	205	249	198	213	319	194	305	127	100	196	72
8	344	227	254	193	226	295	184	277	131	93	169	71
9	403	240	255	251	224	282	178	251	134	87	150	69
10	493	241	246	276	222	271	169	225	131	87	156	70
11	611	245	239	294	223	262	160	194	126	88	202	76
12	573	247	232	308	226	245	188	175	119	83	206	77
13	477	245	229	330	249	230	219	165	115	79	186	78
14	417	236	218	339	293	252	229	151	119	75	168	80
15	368	220	203	327	350	266	238	142	131	71	152	84
16	323	202	190	336	396	259	253	134	130	76	138	86
17	292	188	180	323	469	254	263	125	124	97	126	85
18	278	181	180	306	508	263	240	119	126	95	116	85
19	265	187	203	296	506	269	212	113	134	94	108	84
20	240	189	205	296	476	266	202	113	126	92	102	82
21	226	197	210	295	385	259	183	115	118	90	96	81
22	211	216	212	283	389	263	183	105	115	87	92	75
23	198	207	212	273	361	263	210	106	117	94	88	72
24	190	209	206	266	336	264	205	101	113	169	85	78
25	181	211	207	270	319	249	203	90	107	321	83	101
26	176	222	204	262	307	243	205	96	100	743	81	115
27	171	219	202	252	294	257	212	96	96	817	79	125
28	169	201	205	252	300	282	244	92	91	488	78	147
29	166	192	204	255	---	303	278	89	91	324	76	158
30	161	184	210	268	---	319	305	89	94	326	76	158
31	161	---	210	262	---	322	---	88	---	365	76	---
TOTAL	8778	6110	6683	8232	8760	8758	6586	5746	3377	5759	4906	2708
MEAN	283	204	216	266	313	283	220	185	113	186	158	90.3
MAX	611	247	255	339	508	347	305	392	134	817	401	158
MIN	161	156	180	193	213	230	160	88	87	71	76	69
CFSM	1.64	1.18	1.25	1.53	1.81	1.63	1.27	1.07	.65	1.07	.91	.52
IN.	1.89	1.31	1.44	1.77	1.88	1.88	1.42	1.24	.73	1.24	1.05	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1997, BY WATER YEAR (WY)

	185	195	230	288	302	329	266	195	172	166	188	156
MEAN	185	195	230	288	302	329	266	195	172	166	188	156
MAX	539	299	393	484	433	493	482	364	376	447	466	336
(WY)	1991	1972	1977	1993	1973	1983	1973	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

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1961 - 1997

ANNUAL TOTAL	75460	76403	222
ANNUAL MEAN	206	209	320
HIGHEST ANNUAL MEAN			141
LOWEST ANNUAL MEAN			1965
HIGHEST DAILY MEAN	611	Oct 11	817
LOWEST DAILY MEAN	39	Jul 14	69
ANNUAL SEVEN-DAY MINIMUM	73	Jul 8	73
INSTANTANEOUS PEAK FLOW			929
INSTANTANEOUS PEAK STAGE			8.17
ANNUAL RUNOFF (CFSM)	1.19	1.21	1.28
ANNUAL RUNOFF (INCHES)	16.23	16.43	17.45
10 PERCENT EXCEEDS	333	325	369
50 PERCENT EXCEEDS	205	205	198
90 PERCENT EXCEEDS	90	87	98

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

PEE DEE RIVER BASIN
02131000 PEE DEE RIVER AT PEE DEE, SC

73

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.

WATER-DISCHARGE RECORDS

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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3820	8530	6180	10800	12700	14500	15100	19800	4370	3830	26300	1900
2	5930	9090	5690	8070	12900	15500	14800	21700	4370	4390	23100	1660
3	10300	9540	6330	6470	12800	17600	14300	23900	3120	4880	19500	1820
4	13700	9150	9520	6390	12500	18700	13500	27400	3610	4240	15700	3580
5	13800	7400	12200	5240	12000	19300	12600	31400	5890	4090	12500	3520
6	12900	7840	13500	3840	11600	19100	11100	32800	7120	3040	10100	2710
7	9540	7450	13900	4820	11200	18600	7970	31400	7750	2400	7400	2760
8	6940	5520	15000	5560	11100	18100	4990	28200	8280	2050	4910	2100
9	12400	5140	15500	6890	11200	17500	4420	24700	8530	3060	4280	1720
10	16400	5970	15500	8460	11600	16800	7150	21800	8270	4830	4170	1810
11	17600	4040	15300	14200	12100	16200	7650	19400	7030	4970	3500	1820
12	17900	4070	14700	16500	12300	15700	8080	17300	6000	4440	2820	3670
13	17500	4680	14100	16700	12200	15100	6720	15000	5660	3970	3560	4560
14	16300	4430	13800	16200	12600	14800	6450	13300	6360	2890	3570	3880
15	13400	4760	13900	15200	15600	15200	8960	12000	6720	2000	4080	2560
16	10600	5920	14300	13800	18200	16200	10400	11000	7060	3010	4270	1870
17	9400	5630	14300	12600	20100	17100	10100	9110	7440	3740	4110	3150
18	8850	4150	14100	13900	22200	17300	10100	6630	7630	4080	2780	3860
19	8210	3300	13700	14800	24200	16900	10200	6010	7590	4340	2030	3890
20	7020	5700	13400	14100	25600	16500	9870	5800	7090	4250	3130	3750
21	4240	6790	13700	12400	25300	16400	8190	5590	4870	3120	3630	3560
22	3490	7560	14000	11200	23700	16800	7280	5250	4830	2880	3690	2280
23	5310	8760	13900	11000	22000	16900	7880	5160	4690	3050	3710	1760
24	6060	9330	13400	11200	20400	16600	9160	5400	2900	6720	3550	2000
25	6630	8860	12700	11300	19000	16100	12200	4200	3500	15700	2520	3120
26	6090	6600	12300	11600	17800	15600	14600	2370	4320	17900	1980	4880
27	6860	7200	12200	13000	16500	15400	14600	2230	4890	19300	2890	6610
28	5650	8490	12500	13800	15200	15400	14600	4220	4710	21600	3010	6320
29	3770	8620	12800	13700	---	15400	16200	4740	4670	25300	3150	4560
30	6680	6190	12400	13300	---	15400	18200	4420	4070	28900	2760	2750
31	7860	---	11700	12800	---	15200	---	4240	---	29300	2220	---
TOTAL	295150	200710	396520	349840	454600	511900	317370	426470	173340	248270	194920	94430
MEAN	9521	6690	12790	11290	16240	16510	10580	13760	5778	8009	6288	3148
MAX	17900	9540	15500	16700	25600	19300	18200	32800	8530	29300	26300	6610
MIN	3490	3300	5690	3840	11100	14500	4420	2230	2900	2000	1980	1660
CFSM	1.08	.76	1.45	1.28	1.84	1.87	1.20	1.56	.65	.91	.71	.36
IN.	1.24	.85	1.67	1.47	1.92	2.16	1.34	1.80	.73	1.05	.82	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1997, BY WATER YEAR (WY)

	MEAN	6857	6845	9065	12900	15830	17690	14330	9312	7480	6677	6843	6642
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 RIVER BASIN
02131000 PEE DEE RIVER AT PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1939 - 1997	
ANNUAL TOTAL	3664170		3663520		9969	
ANNUAL MEAN	10010		10040		16470	1960
HIGHEST ANNUAL MEAN					5392	1981
LOWEST ANNUAL MEAN					217000	Sep 22 1945
HIGHEST DAILY MEAN	29100	Feb 7	32800	May 6	720	Sep 29 1954
LOWEST DAILY MEAN	1380	Jul 16	1660	Sep 2	814	Sep 27 1954
ANNUAL SEVEN-DAY MINIMUM	2600	Jul 11	2350	Sep 5	* 220000	Sep 22 1945
INSTANTANEOUS PEAK FLOW			32900	May 6	33.30	Sep 22 1945
INSTANTANEOUS PEAK STAGE			24.03	May 6	629	Jun 26 1984
INSTANTANEOUS LOW FLOW			1620	Sep 3	1.13	
ANNUAL RUNOFF (CFSM)	1.13		1.14		15.34	
ANNUAL RUNOFF (INCHES)	15.44		15.43		20300	
10 PERCENT EXCEEDS	18300		17900		7210	
50 PERCENT EXCEEDS	8360		8490		3130	
90 PERCENT EXCEEDS	3760		3100			

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

PEE DEE RIVER BASIN
02131010 PEE DEE RIVER BELOW PEE DEE, SC

75

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 September 1997.

GAGE.--Data collection platform. Elevation of gage is 6.0 ft above mean sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Dec. 23 to Jan. 4, Feb. 18 - 25, Mar. 12 - 21, Apr. 1 - 16, which are poor. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3610	8260	5820	10600	12200	13900	14200	17700	4060	3560	28100	1960
2	5410	8810	5400	7800	12400	14300	14200	19300	4090	4070	22900	1710
3	9490	9250	5840	6400	12300	15700	14000	20600	3040	4560	19300	1750
4	12800	9020	9010	6200	12000	16900	13600	24300	3210	4030	15700	3210
5	13100	7290	11500	5130	11700	17700	12600	30800	5360	3850	13000	3400
6	12500	7590	12700	3670	11200	17800	11600	35200	6800	2980	10700	2630
7	9760	7310	13200	4400	10900	17400	8000	34600	7500	2340	7950	2620
8	6850	5360	14000	5180	10700	16900	5000	30600	8050	2050	5110	2140
9	10600	4740	14400	6550	10800	16200	4500	25200	8320	2690	4230	1770
10	14800	5650	14500	8030	11100	15600	6500	20800	8110	4420	4080	1810
11	15900	3930	14400	12900	11600	15100	7000	18800	6890	4640	3440	1810
12	16600	3730	14000	15000	11800	15200	7500	16700	5700	4190	2760	3210
13	16400	4360	13600	15400	11700	14900	6500	14800	5320	3790	3340	4310
14	15600	4160	13300	15300	12000	14500	6300	13300	5940	2860	3390	3760
15	13500	4380	13300	14600	14100	14900	8300	12000	6400	2070	3840	2560
16	11000	5480	13600	13600	16200	16100	10000	11000	6730	2750	4040	1840
17	9610	5360	13600	12800	18500	17000	9700	9260	7150	3520	3960	2770
18	8900	4000	13500	13100	21000	17200	9670	6710	7370	3850	2780	3530
19	8210	3030	13200	13700	24000	16700	9740	5750	7350	4110	2050	3620
20	7050	5160	12900	13900	26000	16300	9520	5520	6890	4060	2870	3470
21	4260	6430	13100	12500	26000	16200	8020	5280	4740	3080	3400	3360
22	3250	7250	13300	11200	25500	15400	6950	4940	4450	2760	3500	2290
23	4910	8430	13700	10800	23300	15500	7490	4780	4450	2900	3520	1770
24	5660	9050	13500	10800	21500	15400	8660	5030	2900	5800	3400	1890
25	6340	8720	12700	10900	19500	15000	11200	4060	3130	13900	2550	2770
26	5840	6450	12200	11200	16900	14600	13300	2400	3990	15700	2010	4350
27	6510	6850	11900	12200	15700	14400	13500	2060	4520	17200	2640	6150
28	5560	8160	12100	13000	14600	14300	13600	3710	4460	19200	2880	6030
29	3530	8460	12400	13000	---	14300	14600	4450	4360	21800	2980	4410
30	6160	6030	12100	12800	---	14300	16100	4110	3890	27600	2690	2700
31	7560	---	11500	12400	---	14300	---	3980	---	31300	2210	---
TOTAL	281270	192700	380270	335060	445200	484000	301850	417740	165170	231630	195320	89600
MEAN	9073	6423	12270	10810	15900	15610	10060	13480	5506	7472	6301	2987
MAX	16600	9250	14500	15400	26000	17800	16100	35200	8320	31300	28100	6150
MIN	3250	3030	5400	3670	10700	13900	4500	2060	2900	2050	2010	1710
CFSM	1.03	.73	1.39	1.22	1.80	1.76	1.14	1.52	.62	.84	.71	.34
IN.	1.18	.81	1.60	1.41	1.87	2.03	1.27	1.76	.69	.97	.82	.38

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

MEAN	9073	6423	12270	10810	15900	15610	10060	13480	5506	7472	6301	2987
MAX	9073	6423	12270	10810	15900	15610	10060	13480	5506	7472	6301	2987
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	9073	6423	12270	10810	15900	15610	10060	13480	5506	7472	6301	2987
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997

SUMMARY STATISTICS

FOR 1997 WATER YEAR

ANNUAL TOTAL	3519810
ANNUAL MEAN	9643
HIGHEST DAILY MEAN	35200 May 6
LOWEST DAILY MEAN	1710 Sep 2
ANNUAL SEVEN-DAY MINIMUM	2280 Sep 6
INSTANTANEOUS PEAK FLOW	36000 May 6
INSTANTANEOUS PEAK STAGE	29.73 May 6
ANNUAL RUNOFF (CFSM)	1.09
ANNUAL RUNOFF (INCHES)	14.80
10 PERCENT EXCEEDS	16800
50 PERCENT EXCEEDS	8210
90 PERCENT EXCEEDS	2890

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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

pH: Maximum, 7.7 units, July 14, 1996; minimum, 6.1 units, July 28 to Aug. 3, 1997.

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, 2.5 mg/L, Sept. 13, 17, 1996.

EXTREMES FOR WATER YEAR 1996.--

pH: Maximum, 7.7 units, July 14; minimum, 6.2 units, June 2.

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

DISSOLVED OXYGEN: Maximum, 7.4 mg/L, June 14, 15; minimum, 2.5 mg/L, Sept. 13, 17.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum, 7.3 units, Oct. 5, 6; minimum, 6.1 units, July 28 to Aug. 3..

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 18; minimum, 3.0°C, Jan. 20 - 22..

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 20; minimum, 3.3 mg/L, July 30, Aug. 7.

pH (UNITS), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

[illegible]

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

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	21.5	22.0	17.5	16.5	17.0	10.0	10.0	10.0	4.5	3.5	4.0
2	23.0	22.0	22.5	16.5	16.0	16.5	10.0	9.5	9.5	6.0	4.5	5.5
3	23.0	22.5	23.0	17.5	16.0	16.5	10.0	9.5	9.5	7.5	6.0	7.0
4	23.5	23.0	23.0	17.5	17.0	17.5	10.0	9.5	9.5	7.5	7.0	7.0
5	24.0	23.5	23.5	17.0	16.0	16.5	10.0	9.0	9.5	7.0	6.0	6.5
6	24.0	23.0	24.0	16.0	15.0	15.5	11.0	10.0	10.5	6.0	5.5	5.5
7	23.5	22.5	23.0	15.0	14.0	15.0	10.5	9.5	10.0	5.5	4.5	5.0
8	22.5	22.0	22.0	14.5	14.0	14.5	9.5	9.0	9.0	4.5	4.0	4.5
9	22.0	22.0	22.0	14.0	13.5	14.0	9.0	9.0	9.0	4.0	3.5	3.5
10	22.0	21.5	22.0	13.5	13.0	13.5	9.0	7.5	8.0	4.0	3.0	3.5
11	22.0	21.5	21.5	13.5	12.5	13.0	7.5	7.0	7.0	3.5	2.5	3.0
12	21.5	21.5	21.5	12.5	11.5	12.0	7.0	6.5	6.5	3.5	3.0	3.0
13	22.0	21.5	21.5	11.5	11.0	11.5	6.5	6.0	6.5	3.0	2.5	3.0
14	22.0	21.5	22.0	11.5	11.5	11.5	6.5	5.5	6.0	3.0	2.5	2.5
15	22.0	21.5	22.0	11.5	10.5	11.0	7.0	6.5	6.5	3.5	3.0	3.5
16	21.5	21.0	21.0	10.5	10.0	10.0	7.5	6.5	7.0	4.0	3.5	4.0
17	21.0	20.0	20.5	10.0	9.5	10.0	8.0	7.0	7.5	5.0	4.0	4.5
18	20.0	19.5	19.5	9.5	9.5	9.5	8.0	8.0	8.0	5.0	4.5	4.5
19	19.5	19.0	19.5	9.5	9.5	9.5	8.5	8.0	8.5	6.5	5.0	6.0
20	19.0	19.0	19.0	9.5	9.0	9.5	8.5	8.0	8.5	6.5	6.0	6.0
21	19.0	18.5	18.5	10.0	9.5	9.5	8.0	7.0	7.5	6.5	6.0	6.5
22	18.5	18.0	18.0	10.0	9.5	9.5	7.0	6.5	6.5	6.5	5.0	6.0
23	18.0	18.0	18.0	9.5	9.0	9.5	6.5	5.5	6.0	6.0	5.5	6.0
24	18.0	18.0	18.0	9.5	9.5	9.5	5.5	5.0	5.0	6.0	4.5	5.5
25	18.5	18.0	18.0	9.5	9.5	9.5	5.0	4.5	4.5	6.0	5.0	5.5
26	19.0	18.0	18.5	9.5	8.5	9.0	4.5	4.0	4.0	5.5	5.0	5.0
27	19.0	18.5	18.5	9.5	9.0	9.5	4.0	3.5	4.0	6.5	5.5	6.0
28	18.5	18.0	18.5	10.0	9.5	10.0	4.0	3.5	3.5	6.5	5.5	6.0
29	18.5	18.0	18.5	10.5	10.0	10.5	3.5	2.5	3.0	6.0	5.5	5.5
30	18.5	18.0	18.0	10.5	10.0	10.0	3.5	3.0	3.5	6.0	5.0	5.5
31	18.0	17.5	17.5	---	---	---	3.5	3.5	3.5	6.0	5.5	6.0
MONTH	24.0	17.5	20.5	17.5	8.5	12.0	11.0	2.5	7.0	7.5	2.5	5.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.0	5.5	6.0	---	---	---	---	---	---	---	---	---
2	5.5	5.0	5.5	---	---	---	---	---	---	---	---	---
3	5.0	4.0	4.5	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	24.5	21.5	22.5
16	---	---	---	---	---	---	---	---	---	21.5	21.0	21.5
17	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
18	---	---	---	---	---	---	---	---	---	23.5	22.5	23.0
19	---	---	---	---	---	---	---	---	---	25.0	23.5	24.5
20	---	---	---	---	---	---	---	---	---	27.0	25.0	26.0
21	---	---	---	---	---	---	---	---	---	27.5	26.5	27.0
22	---	---	---	---	---	---	---	---	---	28.5	27.0	28.0
23	---	---	---	---	---	---	---	---	---	29.5	28.5	29.0
24	---	---	---	---	---	---	---	---	---	29.0	28.0	28.5
25	---	---	---	---	---	---	---	---	---	28.5	27.5	28.0
26	---	---	---	---	---	---	---	---	---	28.0	27.0	27.5
27	---	---	---	---	---	---	---	---	---	29.0	27.5	28.0
28	---	---	---	---	---	---	---	---	---	28.5	28.0	28.0
29	---	---	---	---	---	---	---	---	---	28.5	27.5	28.0
30	---	---	---	---	---	---	---	---	---	28.0	27.0	27.5
31	---	---	---	---	---	---	---	---	---	27.0	26.5	27.0
MONTH	6.0	4.0	5.3	---	---	---	---	---	---	29.5	21.0	26.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	6.6	5.8	6.3
16	---	---	---	---	---	---	---	---	---	7.0	6.6	6.7
17	---	---	---	---	---	---	---	---	---	7.1	6.9	7.0
18	---	---	---	---	---	---	---	---	---	6.9	6.6	6.7
19	---	---	---	---	---	---	---	---	---	6.7	6.2	6.5
20	---	---	---	---	---	---	---	---	---	6.6	6.1	6.3
21	---	---	---	---	---	---	---	---	---	6.2	5.6	6.1
22	---	---	---	---	---	---	---	---	---	6.1	5.8	6.0
23	---	---	---	---	---	---	---	---	---	5.9	5.5	5.8
24	---	---	---	---	---	---	---	---	---	5.9	5.4	5.7
25	---	---	---	---	---	---	---	---	---	6.0	5.8	5.9
26	---	---	---	---	---	---	---	---	---	6.0	5.5	5.9
27	---	---	---	---	---	---	---	---	---	6.5	5.2	6.0
28	---	---	---	---	---	---	---	---	---	6.0	5.0	5.6
29	---	---	---	---	---	---	---	---	---	6.6	5.5	5.9
30	---	---	---	---	---	---	---	---	---	6.0	5.4	5.7
31	---	---	---	---	---	---	---	---	---	6.0	5.4	5.7
MONTH	---	---	---	---	---	---	---	---	---	7.1	5.0	6.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.2	6.0	6.1	---	---	---	---	---	---	---	---	---
2	6.3	6.1	6.2	---	---	---	---	---	---	---	---	---
3	6.7	6.1	6.3	---	---	---	---	---	---	---	---	---
4	6.4	5.8	6.1	---	---	---	---	---	---	---	---	---
5	6.5	5.7	6.1	---	---	---	---	---	---	---	---	---
6	6.6	6.1	6.3	---	---	---	---	---	---	---	---	---
7	6.7	6.2	6.4	---	---	---	---	---	---	---	---	---
8	6.8	5.8	6.4	---	---	---	5.3	5.2	5.3	---	---	---
9	6.6	5.8	6.2	7.0	6.2	6.6	5.5	5.2	5.4	---	---	---
10	6.4	5.8	6.2	6.9	6.1	6.5	5.5	5.3	5.4	---	---	---
11	6.5	6.0	6.2	7.2	6.7	6.9	5.7	5.4	5.5	---	---	---
12	6.3	5.9	6.1	7.2	6.7	6.9	5.7	5.3	5.4	---	---	---
13	6.6	6.0	6.3	7.1	6.4	6.7	5.6	5.3	5.5	2.7	2.5	2.6
14	7.4	6.2	6.6	---	---	---	5.7	5.6	5.6	3.0	2.7	2.8
15	7.4	5.9	6.6	---	---	---	5.7	5.6	5.6	3.2	3.0	3.1
16	6.7	5.9	6.4	---	---	---	5.7	5.5	5.6	3.1	3.0	3.1
17	---	---	---	---	---	---	5.7	5.6	5.7	3.0	2.5	2.7
18	---	---	---	---	---	---	5.6	5.5	5.5	3.8	2.6	3.0
19	---	---	---	---	---	---	---	---	---	4.5	3.8	4.3
20	---	---	---	---	---	---	---	---	---	4.7	4.5	4.6
21	---	---	---	---	---	---	5.8	5.4	5.6	4.7	4.2	4.5
22	---	---	---	---	---	---	6.0	5.7	5.9	4.2	3.8	3.9
23	---	---	---	---	---	---	6.1	5.9	6.0	3.8	3.5	3.6
24	---	---	---	---	---	---	6.3	6.0	6.1	3.7	3.5	3.6
25	---	---	---	---	---	---	6.3	6.1	6.2	4.6	3.7	4.2
26	---	---	---	---	---	---	6.2	5.9	6.0	5.1	4.6	4.9
27	---	---	---	---	---	---	6.2	5.9	6.1	5.4	5.1	5.2
28	---	---	---	---	---	---	6.6	6.1	6.3	5.5	5.3	5.4
29	---	---	---	---	---	---	6.6	6.1	6.4	5.3	5.2	5.3
30	---	---	---	---	---	---	6.9	6.6	6.7	5.3	5.2	5.3
31	---	---	---	---	---	---	7.1	6.7	6.9	---	---	---
MONTH	7.4	5.7	6.3	7.2	6.1	6.7	7.1	5.2	5.8	5.5	2.5	4.0
YEAR	7.4	2.5	5.6									

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

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

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.5	23.0	19.5	19.0	19.5	10.0	9.0	9.5	9.0	9.0	9.0
2	22.5	22.0	22.5	19.5	19.0	19.5	10.0	10.0	10.0	9.0	9.0	9.0
3	22.0	22.0	22.0	19.0	18.0	18.5	10.0	9.5	10.0	10.0	9.0	9.5
4	22.5	22.0	22.0	18.0	17.5	17.5	10.0	9.5	10.0	10.0	10.0	10.0
5	22.0	21.5	21.5	17.5	16.0	17.0	10.0	9.0	9.5	10.5	10.0	10.0
6	21.5	20.5	21.0	16.5	15.0	16.0	9.5	9.0	9.5	10.5	10.0	10.5
7	20.5	19.5	20.0	---	---	---	9.5	9.0	9.5	11.0	10.5	11.0
8	19.5	19.0	19.0	---	---	---	9.5	9.0	9.0	11.0	10.0	10.5
9	19.5	19.0	19.0	---	---	---	9.5	9.0	9.0	10.0	9.0	9.5
10	19.0	18.5	19.0	---	---	---	9.0	8.5	8.5	9.0	7.5	8.0
11	19.0	18.5	18.5	---	---	---	8.5	8.0	8.0	7.5	7.0	7.0
12	18.5	17.5	18.0	---	---	---	8.5	8.0	8.0	7.0	6.0	6.5
13	17.5	17.0	17.5	---	---	---	9.0	8.5	8.5	6.0	5.0	5.5
14	17.5	17.0	17.0	---	---	---	9.5	9.0	9.0	5.0	4.5	5.0
15	17.5	17.0	17.5	---	---	---	9.0	9.0	9.0	4.5	4.0	4.5
16	17.5	17.0	17.5	---	---	---	9.0	8.5	9.0	5.0	4.5	5.0
17	18.5	17.5	18.0	---	---	---	8.5	8.5	8.5	5.0	4.5	5.0
18	19.0	18.0	18.5	---	---	---	8.5	8.5	8.5	4.5	4.0	4.5
19	19.0	18.5	19.0	---	---	---	8.5	8.0	8.0	4.5	3.5	4.0
20	18.5	17.5	18.0	---	---	---	8.0	7.0	7.5	3.5	3.0	3.5
21	17.5	17.0	17.5	---	---	---	7.0	6.5	7.0	3.5	3.0	3.0
22	17.0	16.5	17.0	---	---	---	6.5	5.5	6.0	4.0	3.0	3.5
23	17.5	17.0	17.0	---	---	---	6.0	5.5	5.5	4.5	4.0	4.5
24	17.5	16.5	17.0	---	---	---	6.0	5.5	6.0	5.0	4.5	4.5
25	17.0	16.5	17.0	---	---	---	6.5	6.0	6.0	6.0	5.0	5.5
26	17.5	17.0	17.0	---	---	---	6.5	6.0	6.5	6.0	6.0	6.0
27	17.5	16.5	17.0	11.5	11.0	11.0	7.0	6.5	7.0	6.0	6.0	6.0
28	18.0	17.5	17.5	11.0	10.0	10.5	7.0	6.5	7.0	6.5	6.0	6.0
29	18.5	18.0	18.0	10.0	9.0	10.0	7.5	7.0	7.0	6.0	5.5	6.0
30	19.5	18.5	19.0	9.0	9.0	9.0	8.0	7.5	7.5	6.0	5.5	5.5
31	20.0	19.0	19.5	---	---	---	9.0	8.0	8.5	6.0	5.5	5.5
MONTH	23.0	16.5	18.8	19.5	9.0	14.9	10.0	5.5	8.1	11.0	3.0	6.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5.5	5.0	5.5	14.0	12.5	13.0	16.0	15.0	15.5	16.5	15.5	16.0
2	5.5	5.0	5.5	15.0	14.0	14.5	15.5	15.0	15.0	17.0	16.5	16.5
3	6.0	5.5	6.0	15.0	14.5	15.0	15.0	15.0	15.0	17.0	17.0	17.0
4	6.5	6.0	6.5	15.0	14.0	14.5	15.5	14.5	15.0	17.0	16.5	17.0
5	7.0	6.0	6.5	15.5	15.0	15.0	16.0	15.0	15.5	17.0	16.5	17.0
6	7.5	7.0	7.0	16.0	15.5	15.5	17.0	15.5	16.0	17.5	16.5	17.0
7	7.0	7.0	7.0	15.5	14.5	15.0	17.5	16.5	17.0	17.5	17.0	17.5
8	7.5	7.0	7.0	14.5	14.0	14.0	18.0	17.5	17.5	18.0	17.5	17.5
9	7.0	6.5	7.0	14.0	13.5	13.5	18.5	17.5	18.0	18.5	18.0	18.0
10	6.5	6.5	6.5	14.0	13.5	13.5	18.0	17.0	17.5	18.5	18.0	18.5
11	6.5	6.0	6.0	14.5	14.0	14.0	18.0	17.0	17.5	18.5	18.0	18.0
12	6.0	6.0	6.0	14.5	14.0	14.5	17.0	16.5	17.0	18.5	18.0	18.5
13	6.0	6.0	6.0	14.5	14.0	14.5	17.5	16.5	17.0	19.0	18.5	18.5
14	6.0	5.5	6.0	14.5	14.5	14.5	17.0	16.5	16.5	19.0	18.5	19.0
15	6.0	5.5	5.5	14.5	14.0	14.5	17.0	16.5	16.5	19.5	19.0	19.0
16	5.5	5.0	5.5	14.0	13.5	13.5	17.0	16.0	16.5	20.0	19.5	19.5
17	5.5	5.0	5.5	13.5	13.0	13.5	16.5	16.0	16.5	20.0	19.5	20.0
18	6.0	5.5	5.5	13.5	12.5	13.0	16.5	15.5	16.0	20.5	19.5	20.0
19	7.0	6.0	6.5	14.0	13.5	13.5	16.0	15.5	16.0	21.5	20.5	21.0
20	8.0	7.0	7.5	13.5	13.5	13.5	16.0	15.0	15.5	22.5	21.5	22.0
21	9.0	8.0	8.0	13.5	13.5	13.5	16.5	15.5	16.0	23.0	22.5	23.0
22	9.5	9.0	9.5	14.0	13.5	13.5	17.0	16.0	16.5	23.0	23.0	23.0
23	10.0	9.5	9.5	14.0	13.5	13.5	18.0	17.0	17.5	23.5	23.0	23.0
24	10.0	9.5	9.5	14.0	13.5	14.0	18.0	17.0	17.5	23.5	23.0	23.5
25	10.0	9.5	9.5	14.5	14.0	14.0	17.5	16.5	17.0	23.5	23.0	23.5
26	10.0	9.5	9.5	14.5	14.0	14.5	17.0	16.0	16.5	24.0	23.0	23.5
27	12.0	10.0	11.0	15.0	14.5	14.5	16.0	15.5	15.5	24.0	23.0	23.5
28	13.0	12.0	12.5	15.0	14.5	15.0	16.0	15.5	16.0	23.0	22.0	22.5
29	---	---	---	16.0	15.0	15.5	16.5	16.0	16.0	22.5	22.0	22.5
30	---	---	---	16.0	16.0	16.0	16.0	16.0	16.0	23.5	22.5	23.0
31	---	---	---	16.0	16.0	16.0	---	---	---	23.0	22.5	23.0
MONTH	13.0	5.0	7.3	16.0	12.5	14.3	18.5	14.5	16.4	24.0	15.5	20.0

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

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.4	5.3	5.4	7.1	6.5	6.9	9.9	9.5	9.7	10.3	9.7	10.0
2	5.8	5.2	5.5	7.1	6.8	7.0	10.2	9.4	9.7	10.0	8.9	9.7
3	6.3	5.8	6.0	7.4	7.0	7.2	10.1	9.2	9.5	9.3	8.5	8.7
4	6.4	6.2	6.3	7.8	7.1	7.5	9.8	9.4	9.6	9.2	8.7	9.0
5	6.5	6.3	6.4	7.6	7.4	7.5	10.4	9.5	10.1	9.4	8.8	9.1
6	6.4	6.1	6.2	7.9	7.4	7.6	10.4	9.8	10.1	9.1	8.4	8.7
7	6.2	5.9	6.1	---	---	---	10.2	9.8	10.2	8.9	8.5	8.7
8	5.9	5.6	5.8	---	---	---	10.2	9.8	10.0	9.3	8.5	8.8
9	6.4	5.8	6.0	---	---	---	10.2	9.8	10.1	10.0	8.9	9.3
10	6.9	6.4	6.6	---	---	---	10.2	9.8	10.0	10.4	9.7	10.1
11	6.5	6.1	6.4	---	---	---	10.2	9.9	10.0	10.9	10.1	10.7
12	6.1	5.6	5.9	---	---	---	10.2	9.8	10.0	11.4	10.5	10.9
13	5.6	5.3	5.5	---	---	---	9.9	9.5	9.7	11.4	10.9	11.3
14	5.4	5.2	5.3	---	---	---	9.7	9.4	9.5	11.4	11.1	11.3
15	5.4	5.1	5.3	---	---	---	10.0	9.6	9.8	11.4	11.3	11.3
16	5.2	4.8	4.9	---	---	---	10.2	9.6	9.9	11.3	11.0	11.2
17	5.0	4.8	4.9	---	---	---	10.3	10.2	10.3	11.0	10.9	11.0
18	5.3	4.9	5.1	---	---	---	10.3	10.2	10.2	11.5	10.9	11.2
19	5.5	5.2	5.4	---	---	---	10.3	10.0	10.2	12.1	11.4	11.7
20	5.7	5.3	5.5	---	---	---	10.4	10.2	10.3	12.2	12.0	12.1
21	5.6	5.2	5.4	---	---	---	10.8	10.2	10.4	12.0	11.8	12.0
22	5.5	5.3	5.4	---	---	---	11.4	10.5	11.0	11.8	11.5	11.7
23	5.8	5.2	5.5	---	---	---	11.6	11.2	11.4	11.6	11.3	11.5
24	6.3	5.7	6.0	---	---	---	11.7	11.4	11.5	11.4	11.3	11.3
25	6.4	6.1	6.3	---	---	---	11.6	11.0	11.4	11.3	10.8	11.1
26	6.6	6.2	6.4	---	---	---	11.3	10.8	11.0	10.8	10.6	10.7
27	6.8	6.4	6.6	9.4	8.8	9.1	11.1	10.7	10.9	10.6	10.5	10.6
28	6.9	6.5	6.7	9.8	9.2	9.5	11.3	10.8	11.1	10.8	10.6	10.7
29	6.8	6.3	6.5	10.0	9.3	9.6	11.3	10.8	11.1	10.8	10.6	10.7
30	6.6	6.2	6.4	10.1	9.5	9.8	11.1	10.9	11.0	10.6	10.2	10.4
31	7.0	6.4	6.7	---	---	---	10.9	10.3	10.6	10.2	10.1	10.2
MONTH	7.0	4.8	5.9	10.1	6.5	8.2	11.7	9.2	10.3	12.2	8.4	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	10.2	10.3	8.6	8.5	8.6	7.9	7.6	7.7	8.2	7.8	7.9
2	10.4	10.2	10.3	8.6	8.5	8.6	8.0	7.8	7.9	7.8	7.2	7.5
3	10.4	10.3	10.4	8.9	8.6	8.7	8.0	7.8	7.9	7.2	6.4	6.8
4	10.3	9.9	10.2	9.0	8.3	8.7	8.0	7.9	8.0	6.4	6.0	6.2
5	10.0	9.5	9.8	8.3	7.7	8.0	7.9	7.7	7.9	6.1	6.0	6.1
6	9.5	9.3	9.4	7.7	7.2	7.4	7.7	7.4	7.6	6.1	6.0	6.0
7	9.4	9.2	9.3	7.7	7.3	7.5	7.4	6.4	7.0	6.0	5.8	5.9
8	9.4	9.3	9.3	8.0	7.7	7.8	6.5	6.0	6.2	6.0	5.6	6.0
9	9.7	9.4	9.5	8.4	8.0	8.1	6.1	6.0	6.0	6.0	5.8	5.9
10	9.7	9.4	9.6	8.5	8.3	8.4	6.9	6.1	6.5	5.9	5.8	5.8
11	10.1	9.7	9.9	8.5	8.3	8.4	7.6	6.7	7.2	6.3	5.9	6.1
12	10.2	10.1	10.2	8.5	8.3	8.4	7.8	7.5	7.7	6.4	6.3	6.3
13	10.5	10.1	10.3	8.5	8.4	8.5	8.1	7.6	7.8	6.3	6.1	6.3
14	10.5	10.4	10.4	8.4	8.1	8.3	7.8	7.6	7.7	6.2	6.1	6.2
15	10.7	10.5	10.5	8.1	8.0	8.1	7.9	7.6	7.7	6.4	6.2	6.3
16	11.0	10.7	10.8	8.3	8.1	8.2	8.2	7.8	8.1	6.5	6.4	6.5
17	11.0	10.8	10.9	8.7	8.3	8.5	8.2	7.8	8.1	6.7	6.5	6.6
18	10.9	10.2	10.7	8.8	8.5	8.7	8.0	7.9	8.0	6.5	6.2	6.4
19	10.2	9.4	9.8	8.5	8.0	8.2	8.4	7.9	8.2	6.2	6.1	6.2
20	9.4	8.9	9.2	8.0	7.8	7.8	8.3	8.0	8.2	6.2	6.0	6.1
21	8.9	8.4	8.6	7.9	7.8	7.9	8.2	7.8	8.1	6.2	6.0	6.1
22	8.4	7.9	8.2	8.3	7.9	8.2	7.8	7.7	7.8	6.2	6.1	6.2
23	7.9	7.9	7.9	8.4	8.3	8.4	7.8	7.6	7.7	6.2	6.2	6.2
24	8.1	7.8	8.0	8.4	8.2	8.3	7.9	7.7	7.8	6.3	6.2	6.3
25	8.2	8.0	8.1	8.4	8.2	8.3	8.0	7.7	7.9	6.3	6.2	6.3
26	8.7	8.2	8.4	8.2	7.9	8.1	8.3	7.9	8.2	6.2	6.0	6.1
27	8.9	8.6	8.8	8.0	7.9	8.0	8.5	8.2	8.4	6.0	5.8	5.8
28	8.8	8.6	8.7	8.2	7.9	8.1	8.2	7.9	8.0	6.4	5.8	6.1
29	---	---	---	8.0	7.8	7.9	8.0	7.9	8.0	6.4	5.9	6.3
30	---	---	---	7.8	7.7	7.8	8.3	8.0	8.1	6.5	5.9	6.2
31	---	---	---	7.8	7.6	7.7	---	---	---	6.7	6.5	6.6
MONTH	11.0	7.8	9.6	9.0	7.2	8.2	8.5	6.0	7.7	8.2	5.6	6.3

PEE DEE RIVER BASIN
02131309 FORK CREEK AT JEFFERSON, SC

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LOCATION.--Lat 34°38'19", long 80°23'20", Chesterfield County, Hydrologic Unit 03040202, on upstream side, at center of span on State Highway 151 bridge, 1.0 mi south of intersection of State Highways 265 and 151, at Jefferson.

DRAINAGE AREA.--24.3 mi².

PERIOD OF RECORD.--August 1976 to September 1997 (discontinued).

GAGE.--Data collection platform. Datum of gage is 302.68 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Oct. 13 - 18, May 6 - 9, Aug. 5 - 13, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	8.7	29	17	28	106	26	43	5.5	5.7	42	5.1
2	10	37	38	18	24	58	23	34	5.5	6.6	25	6.1
3	8.6	34	26	17	23	43	23	46	6.9	5.3	17	7.4
4	7.0	22	21	16	22	36	22	48	6.3	4.8	13	6.5
5	6.4	18	20	17	22	32	21	34	6.4	4.3	12	6.4
6	5.9	16	24	17	20	36	21	28	17	4.3	11	6.8
7	7.7	15	25	15	19	31	23	24	15	4.3	9.2	6.1
8	142	24	25	15	31	28	20	21	12	4.5	8.1	5.8
9	83	32	21	123	32	27	18	19	9.1	5.1	7.2	5.7
10	38	23	18	89	26	26	16	19	6.8	8.2	6.6	7.3
11	27	18	17	45	25	26	15	15	5.6	6.5	6.1	14
12	24	16	16	33	23	24	56	14	5.2	5.3	5.3	7.4
13	21	14	16	29	54	23	62	15	6.1	5.3	4.8	6.3
14	19	14	15	27	162	50	34	13	5.3	5.3	4.8	14
15	18	13	14	25	169	50	27	12	6.0	5.3	4.7	12
16	17	13	14	68	83	33	23	11	5.2	5.3	4.6	6.8
17	16	12	14	46	55	28	21	9.1	4.8	5.3	6.1	4.7
18	14	13	15	32	43	26	19	8.5	5.3	5.3	5.9	4.7
19	15	21	28	28	38	37	17	7.4	5.2	5.3	5.8	4.9
20	13	20	23	27	35	60	18	6.3	4.3	5.0	5.7	4.6
21	12	19	18	25	37	40	16	5.9	4.3	4.8	5.8	4.2
22	12	28	16	23	52	33	17	5.0	4.7	4.8	5.5	4.1
23	11	22	16	23	39	28	38	4.5	4.6	50	5.2	4.1
24	11	19	15	24	33	24	31	5.0	5.1	190	5.0	6.8
25	10	16	17	47	31	23	23	4.9	5.3	33	5.1	11
26	9.7	16	16	36	29	95	18	5.6	5.3	25	4.8	5.4
27	10	15	22	28	30	61	32	5.1	4.9	17	4.7	4.3
28	11	14	21	26	43	41	147	5.0	6.8	12	4.6	12
29	12	13	19	25	---	39	116	5.0	6.7	37	4.6	7.1
30	11	13	17	35	---	32	62	5.0	6.0	103	5.7	4.4
31	9.5	---	16	33	---	30	---	5.2	---	107	5.3	---
TOTAL	622.8	558.7	612	1029	1228	1226	1005	483.5	197.2	690.6	261.2	206.0
MEAN	20.1	18.6	19.7	33.2	43.9	39.5	33.5	15.6	6.57	22.3	8.43	6.87
MAX	142	37	38	123	169	106	147	48	17	190	42	14
MIN	5.9	8.7	14	15	19	23	15	4.5	4.3	4.3	4.6	4.1
CFSM	.83	.77	.81	1.37	1.80	1.63	1.38	.64	.27	.92	.35	.28
IN.	.95	.86	.94	1.58	1.88	1.88	1.54	.74	.30	1.06	.40	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1997, BY WATER YEAR (WY)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	20.6	21.4	27.9	43.6	43.1	54.0	34.6	19.9	12.0	11.4	12.0	8.51				
MAX	179	56.1	62.3	91.3	73.4	101	72.8	93.2	49.4	50.0	47.6	36.4				
(WY)	1991	1993	1995	1978	1979	1980	1979	1991	1991	1991	1991	1994				
MIN	1.18	3.02	5.37	7.80	15.9	13.5	5.92	.79	.26	.009	.23	.59				
(WY)	1984	1985	1985	1981	1986	1985	1985	1981	1986	1986	1983	1983				

SUMMARY STATISTICS

	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1976 - 1997
ANNUAL TOTAL	6653.0	8120.0	
ANNUAL MEAN	18.2	22.2	25.7
HIGHEST ANNUAL MEAN			62.3
LOWEST ANNUAL MEAN			10.7
HIGHEST DAILY MEAN	147	190	2600
LOWEST DAILY MEAN	2.0	4.1***	.00
ANNUAL SEVEN-DAY MINIMUM	2.1	4.5	.00
INSTANTANEOUS PEAK FLOW		539	** 8960
INSTANTANEOUS PEAK STAGE		6.03	13.32
ANNUAL RUNOFF (CFSM)	.75	.92	1.06
ANNUAL RUNOFF (INCHES)	10.18	12.43	14.36
10 PERCENT EXCEEDS	34	42	54
50 PERCENT EXCEEDS	16	16	15
90 PERCENT EXCEEDS	3.0	5.0	1.3

* No flow occurred on many days in 1983, 1986, 1987, 1988 and 1990.

** From rating curve extended above 1,200 ft³/s on basis of slope-area computation.

*** Also occurred on Sept. 23.

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.--No estimated daily discharges. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	6.1	21	12	19	68	15	23	2.7	1.5	14	1.2
2	14	26	26	13	17	37	13	17	2.9	1.6	7.9	1.3
3	10	23	17	12	16	29	13	23	3.1	1.4	6.5	1.4
4	7.1	15	14	11	16	25	12	25	3.1	1.5	5.9	1.1
5	5.3	14	14	11	17	23	12	17	2.9	1.1	4.7	1.1
6	4.9	14	18	12	17	26	12	13	6.6	1.1	5.1	1.0
7	7.7	11	17	11	15	22	13	11	5.3	1.5	3.4	1.0
8	129	16	17	11	22	19	10	9.4	4.4	1.4	2.8	1.1
9	45	24	14	74	25	18	9.3	9.0	3.7	1.5	2.6	1.1
10	26	15	12	49	19	18	8.3	8.6	2.9	8.3	2.4	1.8
11	19	13	11	32	18	17	8.0	7.8	2.6	2.3	2.5	3.7
12	16	10	12	24	16	17	31	7.8	2.2	1.6	2.3	1.2
13	14	8.9	11	21	32	16	33	8.3	2.6	1.2	2.2	1.2
14	13	8.6	11	19	102	33	19	7.5	2.2	1.0	2.1	3.1
15	11	9.9	10	17	103	31	14	7.2	2.4	1.1	2.1	3.2
16	9.6	9.6	9.6	42	50	21	11	5.5	2.2	1.1	2.5	2.7
17	9.4	9.7	10	32	36	18	10	4.6	2.2	1.0	2.8	1.9
18	9.0	11	11	23	30	17	9.3	4.2	2.4	.94	2.5	1.6
19	9.7	15	19	20	28	23	8.7	3.9	2.0	.90	2.2	1.5
20	8.6	13	17	19	25	37	9.6	3.7	1.8	.90	2.1	1.5
21	8.3	13	15	18	25	25	8.3	3.6	1.8	.92	2.5	.90
22	7.4	20	15	17	33	22	9.0	3.2	1.8	.88	2.1	.88
23	7.5	15	14	16	26	18	20	2.9	1.7	60	1.4	1.6
24	8.3	13	13	18	23	16	16	3.1	1.6	251	1.3	2.3
25	8.1	12	11	31	21	15	11	3.0	1.5	55	1.3	4.4
26	8.2	12	11	25	20	54	8.9	3.4	1.4	34	1.3	2.7
27	8.4	11	15	20	21	35	19	3.0	1.5	23	1.4	2.0
28	6.9	9.3	14	18	29	25	78	3.0	2.3	14	1.9	5.2
29	6.4	9.1	13	17	---	25	59	2.7	2.2	11	2.5	3.1
30	6.0	9.0	12	22	---	20	31	2.6	1.7	23	2.6	1.9
31	5.9	---	13	23	---	18	---	2.6	---	32	2.1	---
TOTAL	464.7	396.2	437.6	690	821	788	531.4	249.6	77.7	537.74	99.0	58.68
MEAN	15.0	13.2	14.1	22.3	29.3	25.4	17.7	8.05	2.59	17.3	3.19	1.96
MAX	129	26	26	74	103	68	78	25	6.6	251	14	5.2
MIN	4.9	6.1	9.6	11	15	15	8.0	2.6	1.4	.88	1.3	.88
CFSM	1.00	.88	.94	1.48	1.95	1.69	1.18	.54	.17	1.16	.21	.13
IN.	1.15	.98	1.09	1.71	2.04	1.95	1.32	.62	.19	1.33	.25	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1997, BY WATER YEAR (WY)

	MEAN	25.8	16.2	16.6	25.7	26.0	32.1	22.4	13.6	9.54	9.21	7.89	5.78
MAX	114	31.7	33.8	46.5	38.9	47.7	40.2	44.8	19.9	21.7	21.4	11.8	
(WY)	1991	1993	1995	1993	1995	1991	1993	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1991 - 1997

ANNUAL TOTAL	4713.89	5151.62	
ANNUAL MEAN	12.9	14.1	17.5
HIGHEST ANNUAL MEAN			33.6
LOWEST ANNUAL MEAN			10.7
HIGHEST DAILY MEAN	129	Oct 8	1400
LOWEST DAILY MEAN	.56	Jul 20	.56
ANNUAL SEVEN-DAY MINIMUM	.80	Jul 16	.68
INSTANTANEOUS PEAK FLOW			* 2440
INSTANTANEOUS PEAK STAGE			12.83
ANNUAL RUNOFF (CFSM)	.86		1.17
ANNUAL RUNOFF (INCHES)	11.69		15.89
10 PERCENT EXCEEDS	25		33
50 PERCENT EXCEEDS	11		12
90 PERCENT EXCEEDS	1.1	1.5	2.2

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

PEE DEE RIVER BASIN
02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

87

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.--WATER YEAR 1996: Records fair except for estimated daily discharges, Nov. 3 - 5, Feb. 18 - 21, Mar. 20, 21, May 14 - 27, which are poor.

WATER YEAR 1997: Records good except for estimated daily discharges, Apr. 2 - 11, 14 - 16, Aug. 5 - 10, 13 - 22, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	17	16	22	32	16	51	54	9.3	2.7	8.0	3.6
2	6.3	16	15	20	84	14	45	33	8.4	2.6	4.9	3.2
3	5.7	18	15	35	178	14	36	25	7.9	2.2	7.2	4.7
4	144	16	15	27	75	13	32	21	9.2	1.7	11	3.9
5	139	12	15	21	50	13	29	18	13	1.6	5.1	4.1
6	47	10	15	20	42	13	29	16	9.2	1.9	9.8	14
7	28	31	18	32	38	32	29	15	8.8	2.2	5.6	6.6
8	19	53	16	31	35	252	26	16	16	1.9	4.1	4.3
9	14	28	19	24	34	87	26	15	20	1.9	3.1	3.4
10	13	22	19	23	30	52	23	14	16	1.8	3.4	25
11	12	77	15	20	28	40	22	13	12	1.5	3.0	41
12	11	104	15	23	26	34	21	13	10	1.8	3.1	11
13	16	48	14	22	24	31	21	12	9.0	3.0	5.5	6.4
14	22	35	14	19	24	28	34	11	8.8	2.8	3.3	4.3
15	52	29	14	18	23	27	24	10	8.9	2.3	2.6	3.6
16	21	25	15	18	23	28	22	11	8.2	2.2	2.1	32
17	14	23	14	17	22	110	20	10	7.2	2.3	2.4	103
18	12	21	14	17	22	95	19	10	6.4	2.1	3.0	27
19	11	20	28	46	22	57	19	9.0	6.1	1.4	13	13
20	11	20	27	37	24	60	24	10	6.4	.79	4.9	8.7
21	15	19	19	26	27	50	21	8.0	5.8	.76	3.4	7.3
22	12	17	17	23	22	37	17	9.0	5.4	.73	2.4	28
23	10	16	16	21	20	33	16	8.0	4.8	4.5	1.7	12
24	9.5	19	15	27	19	30	15	7.0	4.4	14	4.0	7.5
25	9.2	27	14	29	18	29	15	8.0	3.9	4.6	11	7.5
26	9.1	21	14	22	16	28	22	9.0	3.5	3.3	3.8	5.9
27	12	18	14	47	16	27	26	10	3.1	2.5	14	5.5
28	37	18	14	40	16	82	17	14	2.9	2.2	68	5.8
29	17	17	13	31	17	64	24	13	2.8	2.1	13	5.4
30	12	16	13	28	---	46	132	22	2.9	2.1	6.4	12
31	13	---	21	37	---	38	---	11	---	3.8	4.9	---
TOTAL	759.7	813	503	823	1007	1480	857	455.0	240.3	81.28	237.7	419.7
MEAN	24.5	27.1	16.2	26.5	34.7	47.7	28.6	14.7	8.01	2.62	7.67	14.0
MAX	144	104	28	47	178	252	132	54	20	14	68	103
MIN	5.7	10	13	17	16	13	15	7.0	2.8	.73	1.7	3.2
CFSM	1.03	1.13	.68	1.11	1.45	2.00	1.20	.61	.34	.11	.32	.59
IN.	1.18	1.27	.78	1.28	1.57	2.30	1.33	.71	.37	.13	.37	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1996, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	20.8	21.5	30.1	40.2	45.4	49.6	33.7	20.3	13.0	11.3	18.5	12.8
MAX	114	63.4	86.3	108	107	98.2	72.4	67.4	29.2	39.6	77.6	44.9
(WY)	1991	1993	1995	1993	1995	1983	1993	1991	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

SUMMARY STATISTICS

	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1981 - 1996
ANNUAL TOTAL	11755.3	7676.68	
ANNUAL MEAN	32.2	21.0	26.4
HIGHEST ANNUAL MEAN			46.6
LOWEST ANNUAL MEAN			10.2
HIGHEST DAILY MEAN	564	252	1080
LOWEST DAILY MEAN	1.3	.73	.13
ANNUAL SEVEN-DAY MINIMUM	1.8	1.5	.19
INSTANTANEOUS PEAK FLOW		480	** 3760
INSTANTANEOUS PEAK STAGE		6.91	10.69
ANNUAL RUNOFF (CFSM)	1.35	.88	1.10
ANNUAL RUNOFF (INCHES)	18.30	11.95	14.99
10 PERCENT EXCEEDS	65	38	50
50 PERCENT EXCEEDS	16	15	15
90 PERCENT EXCEEDS	6.0	3.1	2.7

*Also occurred on July 21, 30, 1986.

**From rating curve extended above 1,500 ft³/s.

PEE DEE RIVER BASIN
02131472 HANGING ROCK CREEK NEAR KERSHAW, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	8.1	28	12	24	101	32	40	9.3	5.8	49	4.6
2	11	23	33	12	22	56	27	32	8.7	6.7	28	4.3
3	8.7	19	19	12	20	44	22	47	11	5.7	20	4.0
4	6.4	12	14	12	17	37	19	42	9.2	4.7	16	3.6
5	5.1	10	14	14	17	34	18	28	8.6	4.0	13	3.0
6	4.9	10	16	13	15	37	19	24	25	3.6	12	2.7
7	6.6	9.9	19	12	14	30	20	21	17	3.3	11	2.7
8	172	31	20	12	26	28	14	20	11	3.4	10	2.7
9	68	33	15	136	23	27	12	19	9.5	3.7	10	2.7
10	36	17	13	92	17	26	12	18	8.3	9.6	25	5.5
11	22	13	12	50	17	25	12	16	7.7	11	38	9.7
12	17	11	12	35	15	24	63	16	7.5	5.6	16	5.0
13	15	11	12	28	51	22	49	16	14	4.1	12	4.0
14	14	11	11	24	194	53	30	15	12	3.6	10	3.6
15	12	10	11	22	246	44	25	14	11	4.1	9.0	3.5
16	12	9.8	10	60	107	30	22	13	8.9	3.9	10	3.4
17	12	12	11	41	68	26	20	12	7.6	6.4	10	3.1
18	11	12	11	32	52	25	19	12	8.2	4.5	9.0	3.1
19	11	14	22	26	45	36	18	11	8.4	3.4	8.0	3.1
20	9.9	12	15	23	40	51	17	12	7.1	4.1	7.5	3.0
21	9.6	11	12	22	40	34	17	13	6.4	4.0	7.0	2.5
22	9.5	13	11	21	49	30	24	10	6.2	2.9	7.0	2.1
23	9.6	11	11	20	37	25	61	9.6	6.2	35	6.2	2.0
24	10	9.7	12	21	32	23	30	9.2	6.8	584	5.6	4.0
25	9.9	9.6	13	39	30	22	22	9.4	6.4	68	5.2	19
26	10	11	13	29	30	243	19	14	5.6	37	4.9	11
27	9.7	11	16	23	30	101	35	16	5.2	28	4.7	5.5
28	10	9.3	14	21	48	60	155	11	9.6	23	4.8	26
29	9.7	9.4	13	19	---	52	104	9.9	9.1	19	4.5	16
30	9.3	9.4	12	29	---	41	55	9.3	6.3	55	4.5	7.0
31	8.3	---	12	26	---	37	---	9.1	---	96	4.5	---
TOTAL	577.2	393.2	457	938	1326	1424	992	548.5	277.8	1053.1	382.4	172.4
MEAN	18.6	13.1	14.7	30.3	47.4	45.9	33.1	17.7	9.26	34.0	12.3	5.75
MAX	172	33	33	136	246	243	155	47	25	584	49	26
MIN	4.9	8.1	10	12	14	22	12	9.1	5.2	2.9	4.5	2.0
CFSM	.78	.55	.62	1.27	1.98	1.92	1.38	.74	.39	1.42	.52	.24
IN.	.90	.61	.71	1.46	2.06	2.22	1.54	.85	.43	1.64	.60	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

	MEAN	20.9	21.1	29.2	39.7	45.7	49.8	33.8	20.2	12.8	12.6	18.2	12.5
MAX	114	63.4	86.3	108	107	98.2	72.4	67.4	29.2	39.6	77.6	44.9	
(WY)	1991	1993	1995	1993	1995	1983	1993	1991	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	

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1981 - 1997
ANNUAL TOTAL	7028.38	8541.6	
ANNUAL MEAN	19.2	23.4	26.3
HIGHEST ANNUAL MEAN			46.6
LOWEST ANNUAL MEAN			10.2
HIGHEST DAILY MEAN	252	584	1080
LOWEST DAILY MEAN	.73	2.0	.13
ANNUAL SEVEN-DAY MINIMUM	1.5	2.7	.19
INSTANTANEOUS PEAK FLOW		1200	** 3760
INSTANTANEOUS PEAK STAGE		8.72	10.69
ANNUAL RUNOFF (CFSM)	.80	.98	1.10
ANNUAL RUNOFF (INCHES)	10.94	13.29	14.94
10 PERCENT EXCEEDS	35	44	50
50 PERCENT EXCEEDS	13	13	15
90 PERCENT EXCEEDS	3.1	4.5	2.8

* Also occurred on July 21, 30, 1986.

** From rating curve extended above 1500 ft³/s.

PEE DEE RIVER BASIN
02132000 LYNCHES RIVER AT EFFINGHAM, SC

89

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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	603	523	664	843	1510	1750	1190	1270	362	293	4160	254
2	569	525	687	859	1390	1550	1270	1340	338	447	3790	252
3	600	534	674	831	1310	1370	1320	1460	323	494	2840	250
4	667	520	667	801	1300	1400	1320	1640	319	459	2080	252
5	757	511	707	780	1300	1590	1210	1810	328	428	1870	256
6	902	548	813	774	1240	1710	944	2160	464	425	1710	258
7	1040	624	925	756	1110	1780	765	2430	816	397	1630	247
8	1350	673	992	733	995	1930	698	2270	790	344	1640	236
9	1480	686	922	855	945	2090	658	1870	752	296	1440	229
10	1390	656	842	1100	905	2070	633	1530	752	272	846	225
11	1440	642	831	1170	920	1780	631	1160	744	258	578	222
12	1610	689	869	1230	977	1370	650	791	667	240	503	220
13	1680	780	932	1330	1100	1070	740	638	535	253	478	219
14	1710	865	919	1440	1580	1180	752	580	445	282	478	224
15	1780	852	816	1530	2310	1840	765	536	418	310	483	295
16	2030	743	746	1810	2750	1690	822	500	431	295	455	316
17	2360	663	705	2200	3120	1730	912	473	486	284	403	292
18	2290	618	678	2480	3290	1700	1000	450	570	269	363	273
19	1650	601	793	2600	3210	1650	1010	424	599	281	339	268
20	979	590	924	2340	3090	1680	857	401	545	312	325	266
21	776	584	922	1900	3350	1700	702	381	497	334	314	258
22	714	645	937	1680	4320	1560	634	362	471	321	302	246
23	678	696	969	1660	4670	1300	697	346	438	308	295	238
24	649	713	1010	1670	4250	1190	722	336	384	320	294	233
25	616	726	986	1560	3530	1230	703	334	350	424	289	263
26	590	783	882	1320	2760	1300	731	335	344	647	281	264
27	569	866	802	1180	2240	1270	794	330	322	1020	273	286
28	558	850	768	1140	1930	1090	1070	324	308	1230	264	392
29	549	749	758	1130	---	992	1460	331	307	1200	256	501
30	540	688	766	1260	---	985	1380	352	298	1390	252	576
31	530	---	792	1470	---	1070	---	368	---	3380	253	---
TOTAL	33656	20143	25698	42432	61402	46617	27040	27532	14403	17213	29484	8311
MEAN	1086	671	829	1369	2193	1504	901	888	480	555	951	277
MAX	2360	866	1010	2600	4670	2090	1460	2430	816	3380	4160	576
MIN	530	511	664	733	905	985	631	324	298	240	252	219
CFSM	1.05	.65	.80	1.33	2.13	1.46	.88	.86	.47	.54	.92	.27
IN.	1.22	.73	.93	1.53	2.22	1.68	.98	.99	.52	.62	1.06	.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1997, BY WATER YEAR (WY)

	MEAN	705	700	1057	1517	1739	1941	1526	798	600	655	706	683
MAX	3932	2347	3808	4464	4747	4874	4930	2180	1934	2331	2181	6327	
(WY)	1965	1948	1995	1993	1973	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	

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1930 - 1997	
ANNUAL TOTAL	331069		353931			
ANNUAL MEAN	905		970		1049	
HIGHEST ANNUAL MEAN					1823	
LOWEST ANNUAL MEAN					451	
HIGHEST DAILY MEAN	2830	Mar 16	4670	Feb 23	24500	Sep 22 1945
LOWEST DAILY MEAN	169	Jul 14	219	Sep 13	95	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	178	Jul 9	225	Sep 8	97	Oct 7 1954
INSTANTANEOUS PEAK FLOW			4700	Feb 23	25000	Sep 22 1945
INSTANTANEOUS PEAK STAGE			13.63	Feb 23	21.21	Sep 22 1945
INSTANTANEOUS LOW FLOW			219	* Sep 12	94	Oct 10 1954
ANNUAL RUNOFF (CFSM)	.88		.94		1.02	
ANNUAL RUNOFF (INCHES)	11.96		12.78		13.84	
10 PERCENT EXCEEDS	1660		1820		2260	
50 PERCENT EXCEEDS	789		752		698	
90 PERCENT EXCEEDS	379		283		263	

* Also occurred on Sept. 13, 14.

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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5910	2990	2600	3850	4230	5720	3230	2060	607	538	1160	378
2	5770	2910	2660	3760	4270	5410	3030	2160	615	1000	1370	373
3	5660	2840	2690	3660	4250	5110	2840	2290	593	1370	1590	369
4	5480	2720	2740	3570	4150	4830	2720	2400	625	1650	1810	364
5	5290	2620	2800	3510	4070	4660	2620	2460	651	1740	2110	363
6	5190	2520	2880	3450	3970	4740	2560	2540	841	1570	2290	366
7	5180	2420	2930	3350	3890	4980	2490	2570	1130	1250	2300	365
8	6090	2360	3040	3250	3850	5230	2400	2580	1240	1090	2320	364
9	6900	2340	3140	3330	3800	5310	2300	2570	1370	1150	2300	364
10	8660	2310	3290	3410	3710	5220	2200	2510	1420	940	2230	369
11	11000	2300	3430	3500	3660	5000	2090	2440	1390	798	2090	391
12	12700	2280	3510	3730	3590	4720	2040	2360	1330	707	1940	389
13	13600	2280	3610	3890	3560	4430	1990	2280	1280	655	1780	379
14	13500	2270	3670	4000	3830	4290	1910	2170	1220	616	1640	378
15	12800	2260	3710	4170	4300	4170	1860	2060	1210	574	1500	420
16	11800	2290	3720	4500	4960	4090	1800	1960	1180	530	1360	451
17	10800	2310	3690	4770	5820	4180	1730	1840	1150	553	1200	464
18	9850	2330	3640	5040	6610	4280	1670	1700	1110	504	1000	472
19	8900	2380	3790	5210	7290	4430	1610	1570	1070	486	827	495
20	8080	2380	3800	5220	7970	4680	1560	1430	965	528	709	535
21	7400	2410	3880	5220	8350	4930	1510	1340	863	597	638	573
22	6830	2490	3990	5240	8280	5050	1480	1190	791	641	580	597
23	6320	2510	4040	5220	7860	5010	1530	1030	752	644	531	605
24	5820	2570	4060	5150	7470	4860	1540	885	795	658	494	595
25	5340	2600	4100	5090	7040	4650	1570	782	751	702	465	690
26	4910	2610	4180	4920	6660	4430	1620	731	678	730	441	710
27	4480	2590	4250	4740	6320	4210	1660	705	601	745	418	773
28	4100	2570	4240	4580	6020	4020	1770	624	572	753	400	1020
29	3760	2570	4190	4390	---	3870	1860	580	553	748	386	1130
30	3460	2570	4080	4340	---	3660	1950	557	516	794	378	1120
31	3190	---	3960	4260	---	3480	---	548	---	957	382	---
TOTAL	228770	74600	110310	132320	149780	143650	61140	52922	27869	26218	38639	15862
MEAN	7380	2487	3558	4268	5349	4634	2038	1707	929	846	1246	529
MAX	13600	2990	4250	5240	8350	5720	3230	2580	1420	1740	2320	1130
MIN	3190	2260	2600	3250	3560	3480	1480	548	516	486	378	363
CFSM	2.65	.89	1.28	1.53	1.92	1.66	.73	.61	.33	.30	.45	.19
IN.	3.05	.99	1.47	1.76	2.00	1.92	.82	.71	.37	.35	.52	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1997, BY WATER YEAR (WY)

	1977	1836	2868	4315	5248	5818	4514	2232	1784	1914	2408	2391
MEAN	1977	1836	2868	4315	5248	5818	4514	2232	1784	1914	2408	2391
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

SUMMARY STATISTICS

	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1942 - 1997
ANNUAL TOTAL	1321611	1062080	
ANNUAL MEAN	3611	2910	3110
HIGHEST ANNUAL MEAN			5947
LOWEST ANNUAL MEAN			1371
HIGHEST DAILY MEAN	17500	Sep 14	27500
LOWEST DAILY MEAN	299	Jul 11	158
ANNUAL SEVEN-DAY MINIMUM	332	Jul 7	164
INSTANTANEOUS PEAK FLOW			27600
INSTANTANEOUS PEAK STAGE			13.01
INSTANTANEOUS LOW FLOW			155
ANNUAL RUNOFF (CFSM)	1.29	1.04	1.11
ANNUAL RUNOFF (INCHES)	17.62	14.16	15.14
10 PERCENT EXCEEDS	5990	5320	6970
50 PERCENT EXCEEDS	2900	2410	2110
90 PERCENT EXCEEDS	999	551	623

* Also occurred on Sept. 5, 8, and 9.

PEE DEE RIVER BASIN
02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

91

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

pH: Maximum, 7.8 units, May 23, 1988; minimum, 5.0 units, 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, 31.0°C, July 22; minimum, 4.5°C, Jan. 19, 20, 21.

DISSOLVED OXYGEN: Maximum, 10.1 mg/L, Feb. 5; minimum, 3.5 mg/L, Oct. 2, Aug. 11, 12.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.5	22.5	22.5	20.0	20.0	20.0	11.0	10.0	10.5	11.0	10.5	11.0
2	22.5	22.0	22.0	20.0	19.0	19.5	11.0	11.0	11.0	11.0	10.5	10.5
3	22.5	22.0	22.5	19.0	18.0	18.5	11.0	11.0	11.0	11.5	10.5	11.0
4	22.5	21.5	22.0	18.0	17.0	17.0	11.0	10.5	10.5	12.0	11.5	11.5
5	21.5	21.0	21.0	17.0	16.5	17.0	10.5	10.5	10.5	12.5	12.0	12.0
6	21.0	20.5	20.5	17.0	16.5	17.0	10.5	10.0	10.5	12.5	12.5	12.5
7	20.5	19.5	20.0	17.5	17.0	17.0	10.5	10.0	10.5	12.5	12.5	12.5
8	19.5	19.5	19.5	18.0	17.5	18.0	10.5	10.0	10.5	12.5	11.0	11.5
9	19.5	19.0	19.0	18.0	16.5	17.5	10.0	9.5	9.5	11.0	10.0	10.5
10	19.0	19.0	19.0	16.5	15.0	16.0	9.5	9.0	9.0	10.0	9.5	10.0
11	19.0	18.5	18.5	15.0	14.0	14.5	9.5	9.0	9.0	9.5	8.0	8.5
12	18.5	18.0	18.0	14.0	12.5	13.5	9.5	9.5	9.5	8.0	7.5	7.5
13	18.0	17.5	18.0	12.5	11.5	12.0	10.0	9.5	10.0	7.5	6.5	7.0
14	18.0	17.5	17.5	---	---	---	10.0	10.0	10.0	6.5	6.0	6.0
15	18.0	17.5	17.5	11.0	10.5	10.5	10.0	9.5	10.0	6.0	5.5	5.5
16	18.5	17.5	18.0	10.5	9.5	10.0	10.0	9.5	9.5	7.0	5.5	6.5
17	18.5	18.0	18.0	10.5	9.5	10.0	10.0	9.5	9.5	7.0	6.0	6.5
18	19.0	18.5	18.5	11.0	10.0	10.5	10.0	10.0	10.0	6.0	5.0	5.5
19	19.0	18.0	18.5	11.5	10.5	11.0	10.0	9.0	9.5	5.0	4.5	4.5
20	18.0	17.5	18.0	11.5	11.0	11.5	9.0	7.5	8.0	4.5	4.5	4.5
21	17.5	17.0	17.5	12.0	11.5	11.5	7.5	7.0	7.5	5.0	4.5	4.5
22	17.5	17.0	17.0	12.0	11.5	12.0	7.0	6.5	6.5	5.5	5.0	5.0
23	17.5	17.0	17.5	11.5	11.0	11.5	6.5	6.5	6.5	6.5	5.5	6.0
24	18.0	17.0	17.5	11.0	10.5	11.0	7.5	6.5	7.0	7.0	6.5	6.5
25	18.0	17.0	17.5	12.0	11.0	11.5	7.5	7.5	7.5	8.0	7.0	7.5
26	17.5	17.0	17.5	12.5	12.0	12.0	7.5	7.0	7.0	8.0	7.5	7.5
27	18.0	17.5	17.5	12.5	11.5	12.0	8.0	7.5	7.5	8.5	7.5	8.0
28	18.5	18.0	18.0	11.5	10.5	11.0	8.5	8.0	8.0	9.0	8.5	8.5
29	19.0	18.5	19.0	10.5	10.0	10.5	9.0	8.5	8.5	9.0	8.5	9.0
30	20.0	19.0	19.5	10.5	10.0	10.0	10.0	9.0	9.5	8.5	8.0	8.0
31	20.0	19.5	20.0	---	---	---	11.0	10.0	10.0	8.0	7.5	8.0
MONTH	22.5	17.0	18.9	20.0	9.5	13.6	11.0	6.5	9.2	12.5	4.5	8.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.0	7.5	8.0	15.5	14.0	14.5	17.5	16.5	17.0	18.5	17.5	17.5
2	8.5	8.0	8.0	16.5	15.5	16.0	16.5	16.0	16.5	18.5	18.0	18.0
3	9.0	8.5	8.5	17.5	16.5	17.0	16.5	16.0	16.0	18.5	18.0	18.5
4	9.0	9.0	9.0	18.0	17.5	17.5	16.5	16.0	16.5	18.5	18.0	18.0
5	10.5	9.0	9.5	18.0	17.0	17.5	17.0	16.5	16.5	18.0	17.5	18.0
6	10.5	10.0	10.5	18.0	17.5	18.0	18.0	17.0	17.0	18.5	17.5	18.0
7	10.5	10.0	10.0	17.5	16.5	17.0	19.0	17.5	18.0	18.5	18.0	18.0
8	10.5	10.0	10.0	16.5	16.0	16.0	18.5	18.0	18.5	19.0	18.0	18.5
9	10.0	9.5	9.5	16.0	15.5	16.0	19.0	18.0	18.5	19.5	18.5	19.0
10	9.5	8.5	9.0	16.0	15.5	16.0	18.5	17.5	18.0	19.5	19.0	19.5
11	8.5	8.0	8.5	17.0	16.0	16.5	17.5	17.0	17.5	19.5	18.5	19.0
12	8.0	8.0	8.0	16.5	16.0	16.5	18.0	17.5	17.5	19.0	18.5	19.0
13	8.0	8.0	8.0	16.5	16.0	16.5	18.0	17.5	17.5	19.5	19.0	19.0
14	8.0	7.5	7.5	16.5	16.5	16.5	18.0	17.0	17.5	19.5	19.0	19.5
15	8.0	7.5	7.5	16.5	16.0	16.5	17.0	16.5	17.0	20.0	19.5	19.5
16	8.0	7.5	7.5	16.0	15.0	15.5	17.5	16.5	17.0	20.0	19.5	20.0
17	8.0	7.5	8.0	15.0	14.5	15.0	17.5	17.0	17.5	20.5	19.5	20.0
18	8.5	7.5	8.0	15.0	14.5	15.0	17.5	16.5	16.5	21.0	20.0	20.5
19	9.5	8.5	8.5	15.5	15.0	15.0	16.5	16.0	16.0	21.5	20.5	21.0
20	10.5	9.5	9.5	15.5	15.0	15.0	17.0	16.0	16.5	23.0	21.5	22.0
21	11.5	10.0	10.5	15.5	14.5	15.0	17.5	16.5	17.0	23.0	22.5	23.0
22	12.0	11.5	11.5	16.0	15.0	15.5	18.5	17.0	18.0	23.0	22.5	23.0
23	12.0	11.5	12.0	16.0	15.5	15.5	18.5	18.0	18.0	23.5	22.5	23.0
24	12.0	11.5	12.0	16.0	15.0	15.5	18.5	17.5	18.0	23.5	23.0	23.0
25	12.0	11.5	12.0	16.0	15.5	15.5	18.0	18.0	18.0	23.5	23.0	23.5
26	12.0	11.5	11.5	16.5	16.0	16.0	18.0	17.5	17.5	24.0	23.0	23.5
27	13.0	12.0	12.5	17.0	16.0	16.5	17.5	17.0	17.0	24.5	23.5	24.0
28	14.0	13.0	13.5	17.0	16.5	16.5	17.0	16.5	17.0	23.5	22.5	23.0
29	---	---	---	18.0	17.0	17.5	17.5	17.0	17.0	23.0	22.0	22.5
30	---	---	---	18.5	18.0	18.0	17.5	17.0	17.5	23.0	22.0	22.5
31	---	---	---	18.5	17.5	18.0	---	---	---	23.5	22.5	23.0
MONTH	14.0	7.5	9.6	18.5	14.0	16.2	19.0	16.0	17.3	24.5	17.5	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	23.5	23.0	23.5	27.5	27.0	27.0	24.5	24.0	24.0	28.5	27.5	28.0
2												

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

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.8	3.6	3.7	5.3	4.5	4.9	---	---	---	7.8	7.5	7.7
2	3.7	3.5	3.6	5.5	4.8	5.2	---	---	---	---	---	---
3	4.3	3.6	3.9	5.9	5.1	5.5	---	---	---	---	---	---
4	5.3	4.2	4.8	6.1	5.4	5.8	---	---	---	---	---	---
5	5.6	5.2	5.4	6.2	5.7	6.0	7.7	7.3	7.5	---	---	---
6	5.7	5.5	5.6	6.2	5.3	5.7	7.9	7.6	7.7	---	---	---
7	5.7	5.5	5.6	5.9	5.2	5.5	7.9	7.6	7.8	7.1	5.7	6.4
8	6.4	5.6	6.1	6.2	5.4	5.7	8.0	7.4	7.7	7.4	5.4	6.4
9	5.8	5.0	5.3	5.6	4.8	5.1	7.9	7.4	7.7	8.2	6.5	7.6
10	5.0	4.9	5.0	5.5	4.7	5.1	7.9	7.5	7.8	8.3	7.3	7.9
11	5.3	5.0	5.2	6.3	5.1	5.7	7.9	7.7	7.8	8.5	7.0	7.9
12	5.4	5.3	5.4	6.6	5.8	6.1	7.8	7.6	7.7	9.3	7.3	8.3
13	5.4	5.1	5.3	6.8	6.1	6.4	7.8	7.5	7.7	9.5	8.6	9.2
14	5.3	5.1	5.2	---	---	---	7.6	7.4	7.5	9.5	9.0	9.4
15	5.3	5.2	5.2	---	---	---	---	---	---	9.5	9.4	9.4
16	5.2	5.0	5.2	---	---	---	7.4	7.3	7.4	9.4	9.3	9.4
17	5.0	4.9	5.0	---	---	---	7.5	7.4	7.4	9.3	9.3	9.3
18	4.9	4.8	4.9	---	---	---	7.5	7.4	7.4	9.3	9.2	9.3
19	4.9	4.7	4.8	---	---	---	7.6	7.4	7.5	9.6	9.3	9.4
20	5.0	4.7	4.9	---	---	---	7.7	7.6	7.6	9.8	9.6	9.7
21	5.1	5.0	5.1	---	---	---	7.8	7.7	7.7	9.9	9.8	9.9
22	5.2	5.0	5.1	---	---	---	8.1	7.8	7.9	10.0	9.9	9.9
23	5.1	4.9	5.0	---	---	---	8.3	8.1	8.2	9.9	9.8	9.8
24	5.1	4.8	4.9	---	---	---	8.4	8.3	8.3	9.8	9.6	9.7
25	5.3	5.1	5.2	---	---	---	---	---	---	9.6	9.4	9.5
26	5.6	5.3	5.5	---	---	---	8.3	8.2	8.3	9.4	9.3	9.4
27	5.5	5.2	5.4	---	---	---	---	---	---	9.4	9.2	9.4
28	5.5	5.2	5.4	---	---	---	---	---	---	9.4	9.2	9.3
29	5.4	4.8	5.2	---	---	---	---	---	---	9.3	9.2	9.3
30	4.9	4.1	4.6	---	---	---	8.1	7.9	8.0	9.3	9.2	9.3
31	4.9	4.1	4.4	---	---	---	7.9	7.8	7.9	9.2	9.1	9.2
MONTH	6.4	3.5	5.0	6.8	4.5	5.6	8.4	7.3	7.8	10.0	5.4	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.2	9.0	9.1	7.6	7.4	7.5	6.2	5.9	6.0	6.9	6.5	6.7
2	9.2	9.1	9.2	7.4	7.0	7.2	6.2	5.9	6.0	6.8	6.2	6.6
3	9.3	9.1	9.2	7.0	6.8	6.9	6.2	5.9	6.1	6.6	6.1	6.3
4	9.3	9.1	9.2	6.8	6.4	6.6	6.3	5.9	6.1	6.2	5.9	6.1
5	10.1	9.0	9.5	6.6	6.3	6.5	6.4	6.1	6.2	6.1	5.8	6.0
6	9.5	9.1	9.2	6.4	6.1	6.3	6.3	5.9	6.2	6.1	5.9	6.0
7	9.1	8.9	9.0	6.4	6.0	6.2	6.4	5.9	6.1	6.2	5.9	6.0
8	8.9	8.8	8.8	6.6	6.1	6.3	6.1	5.8	6.0	6.4	5.9	6.1
9	9.0	8.7	8.8	6.8	6.2	6.5	5.9	5.0	5.4	6.2	5.8	6.0
10	9.2	9.0	9.1	6.9	6.4	6.6	5.2	4.9	5.0	6.2	5.9	6.1
11	9.4	9.1	9.2	7.0	6.5	6.7	5.8	4.9	5.3	6.3	6.0	6.2
12	9.6	9.3	9.4	7.0	6.5	6.7	6.5	5.7	6.1	6.2	6.0	6.1
13	9.7	9.6	9.6	6.9	6.5	6.7	6.6	6.0	6.3	6.2	5.9	6.1
14	9.7	9.7	9.7	6.8	6.3	6.5	6.8	5.8	6.3	6.3	5.9	6.1
15	9.7	9.6	9.6	6.6	6.2	6.3	6.8	5.9	6.2	6.2	5.9	6.1
16	9.8	9.6	9.7	6.7	6.3	6.4	7.1	6.2	6.6	6.1	5.8	6.0
17	9.8	9.7	9.8	6.9	6.4	6.6	7.5	6.5	6.9	6.1	5.6	5.9
18	9.8	9.7	9.7	7.0	6.6	6.8	7.7	6.7	7.2	6.0	5.5	5.8
19	9.8	9.5	9.6	7.0	6.8	6.9	7.4	6.7	7.0	5.8	5.3	5.6
20	9.5	9.0	9.2	6.9	6.5	6.6	7.5	6.6	7.0	5.4	4.6	5.0
21	9.0	8.6	8.8	6.7	6.4	6.5	7.3	6.6	7.0	4.9	4.3	4.6
22	8.6	8.2	8.4	6.7	6.4	6.5	7.2	6.3	6.8	---	---	---
23	8.2	8.0	8.1	6.7	6.4	6.5	7.2	6.2	6.6	---	---	---
24	---	---	---	7.1	6.5	6.7	6.9	6.0	6.4	---	---	---
25	7.7	7.6	7.6	7.0	6.7	6.8	7.2	6.1	6.7	---	---	---
26	7.6	7.5	7.6	6.8	6.4	6.7	7.4	6.3	6.9	---	---	---
27	7.7	7.4	7.5	6.9	6.2	6.6	7.7	6.6	7.3	---	---	---
28	7.7	7.5	7.6	6.7	6.4	6.5	7.7	7.1	7.4	5.9	4.5	5.3
29	---	---	---	6.7	6.2	6.4	7.2	6.7	7.0	---	---	---
30	---	---	---	6.3	6.0	6.2	7.0	6.6	6.8	---	---	---
31	---	---	---	6.2	5.9	6.0	---	---	---	---	---	---
MONTH	10.1	7.4	9.0	7.6	5.9	6.6	7.7	4.9	6.4	6.9	4.3	5.9

WACCAMAW RIVER BASIN
02135210 PEE DEE RIVER AT TOPSAW LANDING NEAR PLANTERSVILLE, SC

95

LOCATION.--Lat 33°36'27", long 79°09'02", Georgetown County, Hydrologic Unit 03040206, on right bank, 5 mi downstream from Yauhanah 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.--No estimated daily discharges. Records fair. 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7150	5180	4800	7430	8860	14500	9440	6870	1760	2360	6260	1000
2	6590	5510	4890	7580	8560	13700	8490	6980	1650	2120	7360	884
3	6110	5110	4170	7610	8470	12900	8670	7290	1720	2320	8880	686
4	5820	5430	4060	7030	8310	12200	8510	8040	1710	2480	11000	791
5	6340	5440	4100	6330	8500	11400	8380	8240	1440	2370	12300	1220
6	6600	5350	5190	5600	8480	11000	8150	9050	2430	2080	12500	1500
7	6710	4870	5190	4660	8170	10600	8040	10100	3910	2190	12200	1380
8	7590	5060	5530	4120	8200	10300	7740	11500	4380	2270	11300	1420
9	9090	5110	6190	4250	8380	10400	7380	12800	4630	1750	10300	885
10	9240	4290	6100	5280	7960	10400	6480	13700	4800	1640	9280	780
11	9220	3980	6650	5390	7750	10700	5470	14100	4930	2150	7860	971
12	9260	3690	6900	5710	7820	10700	5180	14100	4690	2480	6280	854
13	9730	3000	7160	6230	7420	10800	5100	13800	4360	2430	4680	1010
14	10500	3130	7360	6660	7700	10900	4880	13200	4010	2010	3450	1600
15	11400	3160	7340	6800	8350	11100	4120	12400	3490	1630	2580	1760
16	11900	2870	7390	7340	8250	10700	4290	11500	3500	1130	2450	1510
17	12400	3490	7490	8120	8660	10200	4720	10500	3790	1150	2570	919
18	12600	3670	8100	8330	8920	10000	4880	9670	3990	1200	2230	1350
19	12400	3430	8390	8380	9660	9920	4550	8560	4020	1600	1690	1470
20	11800	2600	8470	8860	10600	9700	4660	7360	3740	1540	1340	1690
21	11200	3030	8090	8960	11700	9810	4810	5800	3520	1680	2010	1880
22	10300	4150	8130	9110	13200	10000	5090	4520	3410	1730	2250	1320
23	9230	4210	8110	9500	14300	10100	4800	3820	2840	1440	1850	1650
24	8350	4750	8040	9320	15000	10200	4790	3020	2530	1510	1650	580
25	7520	4980	8270	9240	15400	10200	4540	2690	2870	1920	1510	994
26	6990	5370	7850	9270	15500	10500	4800	2640	1730	2990	1380	1350
27	6610	5060	8130	8860	15400	10300	4830	1650	1870	3990	1080	2220
28	6370	4720	7920	9020	15000	10100	6080	1130	1570	4770	1060	3770
29	6020	4740	7860	8780	---	10200	6920	1190	2750	5010	1290	4130
30	5410	4700	7950	8650	---	9910	6520	1850	2610	5050	1030	3640
31	5270	---	7780	8820	---	9740	---	1730	---	5670	1200	---
TOTAL	265720	130080	213600	231240	284520	333180	182310	239800	94650	74660	152820	45214
MEAN	8572	4336	6890	7459	10160	10750	6077	7735	3155	2408	4930	1507
MAX	12600	5510	8470	9500	15500	14500	9440	14100	4930	5670	12500	4130
MIN	5270	2600	4060	4120	7420	9700	4120	1130	1440	1130	1030	580

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	6858	5803	6716	8645	9917	11240	8840	5536
MAX	12560	13060	10870	14640	13780	14290	23640	8897
(WY)	1990	1991	1993	1995	1995	1993	1991	1992
MIN	2151	2263	2923	5619	4753	7839	3071	1933
(WY)	1992	1994	1992	1996	1992	1992	1995	1995

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1990 - 1997

ANNUAL TOTAL	2344919	2247794	
ANNUAL MEAN	6407	6158	6607
HIGHEST ANNUAL MEAN			7019
LOWEST ANNUAL MEAN			6158
HIGHEST DAILY MEAN	15700	15500	36600
LOWEST DAILY MEAN	640	580	335
ANNUAL SEVEN-DAY MINIMUM	1300	973	973
INSTANTANEOUS PEAK STAGE		11.23	13.44
10 PERCENT EXCEEDS	11200	10900	12500
50 PERCENT EXCEEDS	5750	5670	5800
90 PERCENT EXCEEDS	2370	1510	1790

**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, Feb. 25 to Apr. 17, May 6 to July 17, Sept. 4, 5, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	41	73	85	125	140	125	190	30	25	118	11
2	177	41	99	84	124	150	105	159	31	27	108	10
3	178	41	107	81	123	175	95	137	32	28	85	10
4	233	40	104	77	116	205	100	136	32	26	53	10
5	206	42	104	73	105	170	100	132	32	23	33	9.7
6	156	44	110	74	94	145	95	130	44	20	25	9.5
7	105	47	105	74	85	135	95	120	63	18	20	9.2
8	177	74	103	75	93	130	100	95	60	17	18	9.0
9	355	109	99	116	116	130	95	90	54	17	16	8.9
10	723	112	93	162	122	120	80	80	44	18	15	9.0
11	505	105	88	180	126	110	70	65	36	19	20	10
12	294	101	81	200	126	120	85	60	31	19	31	10
13	203	95	76	191	133	110	115	55	29	19	42	10
14	156	76	72	163	189	115	120	52	52	17	40	9.9
15	123	61	65	136	321	130	140	47	54	17	25	11
16	90	55	62	133	451	135	150	42	38	20	21	13
17	69	52	60	139	453	140	110	40	34	25	18	12
18	61	52	62	140	341	140	63	38	30	21	14	11
19	62	67	102	155	241	125	46	36	29	17	12	11
20	65	80	121	156	187	130	45	35	28	15	11	11
21	64	79	118	141	162	140	42	29	26	14	11	10
22	59	93	115	125	169	144	43	27	25	13	11	9.8
23	52	106	112	112	173	150	111	27	23	13	11	9.6
24	46	110	103	107	174	130	127	25	22	69	10	9.9
25	41	106	90	114	160	110	116	24	21	137	9.7	50
26	38	97	82	124	150	130	110	30	19	132	9.5	109
27	38	93	86	125	130	190	105	28	18	128	9.5	126
28	41	87	91	122	120	175	120	30	22	145	9.3	143
29	43	80	91	117	---	195	149	28	26	98	9.0	136
30	44	69	89	122	---	175	184	29	26	36	9.5	121
31	42	---	86	126	---	145	---	29	---	74	11	---
TOTAL	4527	2255	2849	3829	4909	4439	3041	2045	1011	1267	835.5	929.5
MEAN	146	75.2	91.9	124	175	143	101	66.0	33.7	40.9	27.0	31.0
MAX	723	112	121	200	453	205	184	190	63	145	118	143
MIN	38	40	60	73	85	110	42	24	18	13	9.0	8.9
CFSM	1.52	.78	.96	1.29	1.83	1.49	1.06	.69	.35	.43	.28	.32
IN.	1.75	.87	1.10	1.48	1.90	1.72	1.18	.79	.39	.49	.32	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1997, BY WATER YEAR (WY)

	MEAN	86.4	95.7	125	156	160	171	127	71.2	64.4	56.8	73.4	59.4
MAX	563	176	351	310	294	309	255	159	209	182	262	270	
(WY)	1991	1986	1995	1993	1995	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
02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1968 - 1997	
ANNUAL TOTAL	31508.6		31937.0		104	
ANNUAL MEAN	86.1		87.5		170	1991
HIGHEST ANNUAL MEAN					57.4	1981
LOWEST ANNUAL MEAN					4150	Oct 12 1990
HIGHEST DAILY MEAN	723	Oct 10	723	Oct 10	3.5	Jul 24 1986
LOWEST DAILY MEAN	9.0	Jul 11	8.9	Sep 9	3.9	Jul 21 1986
ANNUAL SEVEN-DAY MINIMUM	9.5	Jul 7	9.3	Sep 4	4500	Oct 12 1990
INSTANTANEOUS PEAK FLOW			774	Oct 10	11.80	Oct 12 1990
INSTANTANEOUS PEAK STAGE			7.32	Oct 10	1.08	
ANNUAL RUNOFF (CFSM)	.90		.91		14.71	
ANNUAL RUNOFF (INCHES)	12.21		12.38		203	
10 PERCENT EXCEEDS	168		159		82	
50 PERCENT EXCEEDS	80		80		19	
90 PERCENT EXCEEDS	17		13			

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.--Records good except for estimated daily discharges, Aug. 22 - 26, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	140	169	277	482	974	2000	770	1020	433	1130	806	98
2	143	159	281	487	976	1870	718	1110	477	1200	1070	112
3	148	161	293	489	959	1740	675	1260	480	1490	1310	123
4	154	170	305	478	934	1620	636	1440	489	1750	1710	128
5	151	168	314	468	912	1510	595	1540	537	1830	1960	119
6	143	164	328	460	889	1400	553	1610	676	1890	2080	114
7	134	163	348	453	865	1290	510	1650	1010	1910	2090	109
8	245	168	369	444	852	1200	466	1650	1430	1790	2040	107
9	382	174	381	503	850	1120	424	1610	2050	1560	1910	101
10	472	177	387	630	842	1050	384	1560	2950	1320	1710	94
11	453	180	385	758	827	997	349	1430	3400	1100	1510	100
12	413	185	378	821	800	943	362	1290	3270	905	1310	103
13	395	194	372	828	785	886	447	1150	2900	749	1120	110
14	407	200	369	825	862	968	522	999	2530	632	935	110
15	423	202	366	822	1220	1110	574	838	2350	542	764	123
16	430	203	362	841	1750	1250	614	707	2140	484	627	185
17	429	202	360	893	1980	1400	636	586	1940	469	496	238
18	431	197	358	1020	2160	1570	627	479	1820	476	399	289
19	445	199	400	1090	2350	1620	590	389	1760	465	336	342
20	475	207	474	1120	2440	1620	544	319	1780	437	287	348
21	503	217	539	1140	2440	1600	499	266	1800	405	246	341
22	515	226	574	1160	2460	1590	460	224	1750	375	213	345
23	503	251	590	1150	2520	1550	441	192	1660	354	193	340
24	469	278	601	1130	2560	1470	430	163	1560	342	167	327
25	419	304	600	1120	2510	1380	451	140	1420	374	153	359
26	368	320	590	1080	2400	1280	494	133	1280	440	134	479
27	322	321	573	1040	2270	1180	597	198	1160	515	120	643
28	283	313	552	995	2130	1090	746	311	1060	532	109	822
29	247	299	526	941	---	1010	861	350	1030	536	101	1040
30	216	285	503	944	---	924	939	356	1110	571	98	1210
31	189	---	487	955	---	838	---	374	---	660	90	---
TOTAL	10447	6456	13242	25567	43517	41076	16914	25344	48252	27233	26094	8959
MEAN	337	215	427	825	1554	1325	564	818	1608	878	842	299
MAX	515	321	601	1160	2560	2000	939	1650	3400	1910	2090	1210
MIN	134	159	277	444	785	838	349	133	433	342	90	94
CFSM	.27	.17	.34	.66	1.24	1.06	.45	.65	1.28	.70	.67	.24
IN.	.31	.19	.39	.76	1.29	1.22	.50	.75	1.43	.81	.78	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1997, BY WATER YEAR (WY)

	MEAN	517	470	929	1453	1909	2107	1525	566	557	503	565	612
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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1930 - 1997

ANNUAL TOTAL	235172	293101	971
ANNUAL MEAN	643	803	2438
HIGHEST ANNUAL MEAN			1973
LOWEST ANNUAL MEAN			183
HIGHEST DAILY MEAN	2190	Mar 21	52800
LOWEST DAILY MEAN	45	Jul 25	2.0
ANNUAL SEVEN-DAY MINIMUM	48	Jul 24	2.6
INSTANTANEOUS PEAK FLOW			58000
INSTANTANEOUS PEAK STAGE			11.80
INSTANTANEOUS LOW FLOW			88
ANNUAL RUNOFF (CFSM)	.51	.64	2.0
ANNUAL RUNOFF (INCHES)	6.99	8.71	10.54
10 PERCENT EXCEEDS	1600	1750	2350
50 PERCENT EXCEEDS	435	542	473
90 PERCENT EXCEEDS	118	166	53

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

PEE DEE RIVER BASIN
02136361 TURKEY CREEK NEAR MARYVILLE, SC

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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.--No estimated daily discharges. Records good except those below 2.0 ft³/s, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	1.1	1.0	.54	1.3	2.0	.16	17	.49	8.8	44	.09
2	1.4	1.3	1.5	.47	1.1	1.8	.21	14	.45	9.5	32	.58
3	1.3	1.4	1.0	.77	.95	1.7	.17	13	.36	7.5	27	2.1
4	1.9	2.9	.63	4.1	.92	1.3	.14	15	.79	7.3	23	.66
5	1.4	2.8	.59	3.8	.82	1.3	.16	12	.29	6.2	24	.11
6	1.1	3.5	.71	3.2	.60	.89	.15	9.6	43	5.2	25	.08
7	1.1	2.4	.79	2.7	.63	.72	.17	8.0	62	4.4	20	.09
8	55	5.4	.86	2.7	.63	.78	.11	6.2	37	4.2	17	.64
9	41	5.1	2.0	8.2	.61	.81	.10	5.0	28	3.8	14	.11
10	28	3.1	4.1	12	.70	.72	2.2	3.6	23	3.3	11	.11
11	23	2.1	3.5	10	.71	4.7	2.1	2.9	19	3.6	8.6	1.6
12	19	3.2	3.6	8.4	.67	11	3.4	6.8	17	2.2	6.4	1.2
13	16	1.5	3.6	7.1	.84	9.9	3.8	.71	14	.94	4.4	.27
14	15	1.2	2.9	4.9	5.8	11	3.0	3.2	13	.39	2.4	.13
15	12	1.0	2.6	2.7	10	10	1.9	3.6	21	.19	1.7	.12
16	10	.82	2.2	2.4	9.8	8.2	.84	2.4	20	1.5	4.7	.13
17	8.1	.98	1.6	2.2	8.2	5.5	.35	2.1	19	3.7	4.9	.50
18	5.3	.97	1.2	1.8	6.3	4.3	2.0	1.3	19	2.0	3.4	.26
19	2.4	.98	2.8	1.4	4.7	3.9	2.1	.91	18	1.5	1.8	.21
20	1.8	1.1	2.9	1.2	3.7	4.4	1.8	.68	15	.85	.95	.13
21	1.5	.97	2.2	1.1	4.0	3.6	1.5	.60	12	.61	.39	.13
22	1.3	.85	1.7	1.2	5.4	2.9	1.3	.39	11	.73	.21	2.1
23	1.2	.75	1.3	1.1	4.7	2.2	1.2	.25	16	.86	.14	.23
24	8.4	.69	1.0	1.1	3.7	1.5	.99	.15	13	4.1	.12	.96
25	11	.68	.88	1.5	2.8	.92	.65	.14	10	12	4.7	2.2
26	10	.81	.81	1.4	2.6	.83	.38	.44	7.8	15	.55	3.8
27	8.9	.66	.90	1.2	2.4	.52	.49	1.3	6.5	12	.23	11
28	7.6	.61	1.2	1.1	2.2	.49	25	.62	6.3	9.4	.29	26
29	7.8	.63	.70	.83	---	.62	29	.29	13	10	.03	23
30	3.4	.67	.63	1.2	---	.41	21	.26	12	38	.08	18
31	1.2	---	.61	1.3	---	.26	---	.22	---	64	.10	---
TOTAL	308.8	50.17	52.01	93.61	86.78	99.17	106.37	132.66	477.98	243.77	283.09	96.54
MEAN	9.96	1.67	1.68	3.02	3.10	3.20	3.55	4.28	15.9	7.86	9.13	3.22
MAX	55	5.4	4.1	12	10	11	29	17	62	64	44	26
MIN	1.1	.61	.59	.47	.60	.26	.10	.14	.29	.19	.03	.08
CFSM	2.13	.36	.36	.65	.66	.69	.76	.92	3.41	1.68	1.96	.69
IN.	2.46	.40	.41	.75	.69	.79	.85	1.06	3.81	1.94	2.26	.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1997, BY WATER YEAR (WY)

	MEAN	6.50	3.21	5.82	4.67	4.94	4.91	1.85	1.25	6.23	4.40	49.7	27.3
MAX	9.96	4.53	14.1	7.92	8.35	8.25	3.55	4.28	15.9	7.86	187	86.6	
(WY)	1997	1996	1995	1995	1995	1994	1997	1997	1997	1997	1995	1995	
MIN	1.51	1.67	1.68	2.71	2.36	3.20	.84	.14	.62	2.03	.57	.94	
(WY)	1994	1997	1997	1996	1996	1997	1995	1994	1996	1994	1994	1994	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1994 - 1997

ANNUAL TOTAL	1495.41	2030.95	
ANNUAL MEAN	4.09	5.56	10.1
HIGHEST ANNUAL MEAN			27.8
LOWEST ANNUAL MEAN			2.78
HIGHEST DAILY MEAN	67	Sep 6	1350
LOWEST DAILY MEAN	.05	Jul 1	.03
ANNUAL SEVEN-DAY MINIMUM	.06	Jun 28	.14
INSTANTANEOUS PEAK FLOW			115
INSTANTANEOUS PEAK STAGE			3.08
ANNUAL RUNOFF (CFSM)	.87		1.19
ANNUAL RUNOFF (INCHES)	11.91		16.18
10 PERCENT EXCEEDS	9.9		15
50 PERCENT EXCEEDS	1.4		1.9
90 PERCENT EXCEEDS	.11		.26
			12
			2.1
			.13
			1995
			1994
			Aug 27 1995
			Aug 29 1997
			May 23 1994
			Aug 27 1995
			Aug 27 1995

* Based on slope-area computation of peak discharge.

** From floodmark.

**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 good except for estimated daily discharges, Aug. 2 - 5, which are poor. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft³).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4190	1350	5230	4190	4000	7720	7090	10100	1060	2560	3860	624
2	2120	1530	6440	5240	3110	6470	6710	10100	1320	5660	2400	684
3	2970	1750	6460	3990	3820	7560	6850	8250	1720	4390	1300	1360
4	1560	1690	6520	1770	4360	7590	7450	7420	2220	3550	1070	959
5	1520	2160	6590	3120	2730	7500	7450	7430	1910	1780	1070	1850
6	3090	1610	6560	3510	4980	7720	4630	7440	2010	1720	1550	743
7	3640	1080	6480	5090	5850	7620	4160	7460	1490	3610	1860	1020
8	4580	1080	6470	6490	6630	7510	7040	7470	1610	3770	2260	1140
9	2380	2570	6510	6960	2190	7470	7340	7450	1240	2380	617	853
10	4610	2690	6500	5220	5420	7410	7220	7440	3180	1410	783	894
11	3990	4360	6580	7030	6300	7350	7250	7360	2720	2210	2020	722
12	1900	2410	6540	6340	5800	7280	7310	6590	3960	4010	3590	1630
13	1770	4410	6670	6410	5940	7000	6060	6230	3880	2510	4270	1020
14	2180	3780	6960	6570	4360	5730	5710	7020	5680	3440	4220	834
15	1630	4160	6880	3490	2240	5700	5210	5110	5710	4790	2360	766
16	2480	3380	6700	6150	4990	5670	5460	7390	6930	3400	1370	836
17	4560	2390	6630	5590	7440	5910	6630	5050	6190	2700	1410	1470
18	3980	1710	6640	5840	7410	6540	4990	3730	6450	4330	1240	1390
19	1780	1470	6630	5970	6740	6910	2490	5510	4580	1630	1700	1040
20	1460	1760	6820	6080	6090	7410	2270	4750	5520	1200	1090	1000
21	2720	3410	6740	6100	5190	7390	4280	2700	2690	2090	996	848
22	1260	2130	6730	6270	3120	7320	3190	2560	4640	3480	796	597
23	731	2600	6710	4870	3390	7270	5720	2070	4990	3400	932	1190
24	872	2460	6750	6500	4560	7230	6510	2490	5200	3330	722	2400
25	1580	3820	6780	3740	6380	7560	6430	2580	4270	1510	757	1910
26	1790	4100	6430	5530	6510	7280	6420	1110	2850	5740	1100	2670
27	1830	6110	6630	3240	6460	5840	4750	1440	4880	2010	2600	1550
28	1160	3130	4690	5170	7060	6760	4260	2230	2710	4890	2510	1360
29	1860	2970	2030	5310	---	6640	12500	1520	2560	6400	820	828
30	1100	3610	4660	6210	---	4420	12700	1950	5350	3680	802	1190
31	938	---	6430	6270	---	5840	---	2220	---	5750	594	---
TOTAL	72231	81680	195390	164260	143070	213620	186080	162170	109520	103330	52669	35378
MEAN	2330	2723	6303	5299	5110	6891	6203	5231	3651	3333	1699	1179
MAX	4610	6110	6960	7030	7440	7720	12700	10100	6930	6400	4270	2670
MIN	731	1080	2030	1770	2190	4420	2270	1110	1060	1200	594	597
CFSM	.76	.89	2.07	1.74	1.68	2.26	2.03	1.72	1.20	1.09	.56	.39
IN.	.88	1.00	2.38	2.00	1.74	2.61	2.27	1.98	1.34	1.26	.64	.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1997, BY WATER YEAR (WY)

	MEAN	3558	3651	4291	5381	6002	6334	5634	4358	3989	3342	3531	3116
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
02146000 CATAWBA RIVER NEAR ROCK HILL, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1896 - 1997	
ANNUAL TOTAL	1552400		1519398		4426	
ANNUAL MEAN	4242		4163		9635	1901
HIGHEST ANNUAL MEAN					2082	1955
LOWEST ANNUAL MEAN					127000	May 23 1901
HIGHEST DAILY MEAN	17100	Feb 3	12700	Apr 30	227	Apr 26 1986
LOWEST DAILY MEAN	701	Jul 25	594	Aug 31	541	Oct 19 1954
ANNUAL SEVEN-DAY MINIMUM	1210	Jun 29	835	Aug 29	* 151000	May 23 1901
INSTANTANEOUS PEAK FLOW			23800	Apr 29	* 24.15	May 23 1901
INSTANTANEOUS PEAK STAGE			9.95	Apr 29	1.45	
ANNUAL RUNOFF (CFSM)	1.39		1.36		19.72	
ANNUAL RUNOFF (INCHES)	18.93		18.53		8660	
10 PERCENT EXCEEDS	8690		7270		3630	
50 PERCENT EXCEEDS	3380		4100		920	
90 PERCENT EXCEEDS	1290		1100			

* 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, non-recording 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, Apr. 2, 3, July 22 - 29, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7910	1140	5700	4770	5490	15200	7330	10500	1990	3760	4640	727
2	4710	1840	7870	5140	2720	8810	7100	10200	1120	4670	3350	895
3	3160	2200	7040	4550	4490	8420	6880	9590	3170	6010	1970	863
4	2370	2010	6870	2530	4310	8130	7540	8920	1820	3250	1790	1850
5	1650	2110	6960	3600	3780	7910	7550	7950	2260	2760	1790	1820
6	1770	1690	7410	4000	5280	8980	6440	7830	2630	1980	2040	1320
7	4080	1690	7100	4800	5820	8290	3240	7750	2110	3330	2430	1260
8	7900	1580	7190	6800	7130	7890	7080	7690	2040	3810	2320	1230
9	6550	4570	6960	8900	4280	7750	7430	7800	1630	3260	1890	1300
10	4730	2810	6930	9240	5150	7670	7380	7690	2350	1730	1030	1100
11	4940	4420	6900	7260	6890	7610	7360	7620	3740	2350	2130	1200
12	2010	2450	6900	7420	6140	7490	7770	7030	3800	4120	2590	1630
13	2400	5190	7840	6450	6920	7310	7600	6630	4970	3790	5890	1430
14	2360	3060	7570	6920	10200	8840	5740	7260	8180	2280	4050	1220
15	1910	4340	7260	4020	8550	7540	6430	5730	7550	4870	3820	1130
16	2200	4930	7090	8100	8300	6610	4810	7250	6800	4490	1930	878
17	3610	3220	6940	6390	8270	6150	6800	6150	7500	3090	1850	1290
18	5080	1460	7010	6400	7990	6900	6280	4130	6830	4300	1460	1890
19	2270	2070	7360	6690	7790	7060	2320	5330	4280	2690	2310	1470
20	1730	2000	7330	6100	6210	8270	3060	5570	5960	1620	1560	1200
21	2410	3110	7100	6350	6190	7800	3680	3740	3920	2090	1300	1100
22	1990	5040	7000	6610	4240	7600	3780	2750	3870	2700	887	869
23	1060	2670	6990	5350	4350	7570	6790	2260	5750	3600	1290	1070
24	641	2950	7030	6560	4140	7330	7360	2920	4980	3400	997	1690
25	1170	3650	7120	6350	6730	7710	6840	3540	5120	2500	940	4680
26	2080	4630	6760	6010	6810	7860	6710	1380	3020	6300	1280	2610
27	2010	6520	6940	4100	6800	6410	5610	2110	5080	3100	2040	2780
28	1350	4550	6030	5330	8580	7030	11400	1650	4800	4900	2800	1660
29	2100	3450	2250	5590	---	7790	18500	2520	2580	7200	2090	2110
30	1180	2920	4040	6580	---	5600	15800	1480	5090	4720	1140	1110
31	1190	---	6900	6640	---	5760	---	2920	---	7120	999	---
TOTAL	90521	94270	210390	185550	173550	241290	212610	175890	124940	115790	66603	45382
MEAN	2920	3142	6787	5985	6198	7784	7087	5674	4165	3735	2148	1513
MAX	7910	6520	7870	9240	10200	15200	18500	10500	8180	7200	5890	4680
MIN	641	1140	2250	2530	2720	5600	2320	1380	1120	1620	887	727
CFSM	.82	.89	1.92	1.69	1.75	2.20	2.00	1.60	1.18	1.06	.61	.43
IN.	.95	.99	2.21	1.95	1.82	2.54	2.23	1.85	1.31	1.22	.70	.48

SANTEE RIVER BASIN
02147020 CATAWBA RIVER BELOW CATAWBA, SC--Continued

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1997, BY WATER YEAR (WY)

MEAN	4192	4533	5708	8114	8042	8266	5806	3951	4692	2996	4206	2626
MAX	7722	7780	8630	11270	10570	14200	10760	5978	10000	3892	8733	3883
(WY)	1996	1993	1993	1993	1995	1993	1993	1993	1992	1995	1994	1995
MIN	991	1606	3892	5985	5108	6182	2181	1691	2520	1843	2148	1513
(WY)	1994	1994	1996	1997	1992	1995	1995	1994	1994	1996	1997	1997

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR			FOR 1997 WATER YEAR			WATER YEARS 1992 - 1997		
ANNUAL TOTAL	1696776			1736786					
ANNUAL MEAN	4636			4758			5262		
HIGHEST ANNUAL MEAN							6874		
LOWEST ANNUAL MEAN							4511		
HIGHEST DAILY MEAN	23700			18500			35000		
LOWEST DAILY MEAN	588			641			560		
ANNUAL SEVEN-DAY MINIMUM	1160			1180			807		
INSTANTANEOUS PEAK FLOW				27000			49300		
INSTANTANEOUS PEAK STAGE				15.43			20.86		
INSTANTANEOUS LOW FLOW				435			435		
ANNUAL RUNOFF (CFSM)	1.31			1.34			1.49		
ANNUAL RUNOFF (INCHES)	17.83			18.25			20.20		
10 PERCENT EXCEEDS	9460			7790			9740		
50 PERCENT EXCEEDS	3660			4670			4440		
90 PERCENT EXCEEDS	1350			1410			1250		

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, Jan. 9, which is poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	680	28	148	81	145	771	156	472	38	25	105	13
2	215	61	387	79	124	445	135	347	40	54	68	13
3	103	87	170	71	110	261	124	302	57	34	55	12
4	68	48	113	61	103	191	109	390	46	25	48	11
5	51	41	92	62	103	157	99	259	40	21	42	10
6	43	40	113	66	97	168	93	157	72	18	39	10
7	40	39	111	61	89	143	91	118	89	18	35	10
8	1380	134	273	62	323	124	83	103	54	18	33	9.9
9	667	375	151	1450	449	114	78	93	44	19	31	10
10	200	137	104	1160	226	109	72	83	39	30	30	18
11	123	88	89	337	184	103	70	76	36	32	32	41
12	91	68	81	219	152	95	92	72	36	20	31	19
13	75	59	86	163	426	89	112	71	122	17	28	14
14	65	55	91	131	2730	1100	82	65	91	16	25	13
15	57	50	77	113	2630	631	72	61	80	15	24	12
16	51	46	71	519	1140	274	69	56	63	16	22	12
17	47	45	69	388	479	195	66	53	45	17	21	12
18	44	46	71	202	317	163	63	51	40	17	20	11
19	41	62	149	152	238	174	60	48	38	42	18	11
20	38	65	139	130	197	409	60	46	35	23	17	11
21	36	56	96	116	175	252	57	47	32	18	19	11
22	35	78	83	106	317	188	64	43	30	14	18	9.7
23	33	98	78	100	225	149	519	40	28	344	16	9.3
24	32	68	76	98	167	128	254	38	27	8620	15	10
25	32	58	82	828	147	117	138	38	36	1230	14	35
26	31	61	75	659	135	606	102	48	35	286	14	55
27	31	60	78	264	130	403	131	85	26	158	14	25
28	31	52	74	197	139	234	2370	57	29	108	14	71
29	31	49	71	168	---	384	2150	43	29	88	15	69
30	30	48	75	161	---	288	896	40	25	125	13	31
31	29	---	83	172	---	195	---	38	---	129	13	---
TOTAL	4430	2202	3456	8376	11697	8660	8467	3440	1402	11597	889	598.9
MEAN	143	73.4	111	270	418	279	282	111	46.7	374	28.7	20.0
MAX	1380	375	387	1450	2730	1100	2370	472	122	8620	105	71
MIN	29	28	69	61	89	89	57	38	25	14	13	9.3
CFSM	.74	.38	.57	1.39	2.15	1.44	1.45	.57	.24	1.93	.15	.10
IN.	.85	.42	.66	1.61	2.24	1.66	1.62	.66	.27	2.22	.17	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1997, BY WATER YEAR (WY)

	MEAN	151	109	159	331	364	409	254	114	93.6	96.8	115	95.1
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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1951 - 1997

ANNUAL TOTAL	50277.9	65214.9	
ANNUAL MEAN	137	179	191
HIGHEST ANNUAL MEAN			315
LOWEST ANNUAL MEAN			84.8
HIGHEST DAILY MEAN	4190	8620	21100
LOWEST DAILY MEAN	9.9	9.3	.04
ANNUAL SEVEN-DAY MINIMUM	12	10	.04
INSTANTANEOUS PEAK FLOW		9920	31300
INSTANTANEOUS PEAK STAGE		9.94	18.82
INSTANTANEOUS LOW FLOW		9.2	.04
ANNUAL RUNOFF (CFSM)	.71	.92	.99
ANNUAL RUNOFF (INCHES)	9.64	12.51	13.41
10 PERCENT EXCEEDS	259	329	355
50 PERCENT EXCEEDS	70	71	67
90 PERCENT EXCEEDS	15	17	18

* Also occurred Oct. 7 - 13, 1954.

**Also occurred on Sept. 24.

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC

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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 119.36 ft above sea level. January 1903 to September 1910, nonrecording gage at site 1.5 mi downstream at datum 1.65 ft lower. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, June 24, 25, July 16, 17, 20 - 22, which are poor. Flow regulated by power-plants 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6040	1130	5820	4220	5060	10400	8910	17900	982	5740	7870	1150
2	8520	1330	9120	4490	5660	10100	8160	15700	910	5250	3950	1560
3	5820	1660	8750	3720	4460	11400	6500	14300	2420	3340	1670	1060
4	2480	2830	5780	3510	3280	12500	8630	13800	1700	3590	2470	1090
5	1180	2390	6000	3000	3830	12000	8060	13400	1990	2360	1410	830
6	2850	3870	6380	3200	4930	12400	8370	13000	3520	1800	2480	631
7	7440	4920	6630	4860	5170	12700	6480	12900	2660	2920	2380	1090
8	11400	5020	6630	5920	6950	12700	6090	12700	1940	2270	2690	1150
9	11800	4960	9290	8000	6980	12600	6470	10800	2860	2900	1450	1420
10	8940	3330	8290	12300	6410	11500	6230	7650	1720	1910	1030	1410
11	5580	4870	7010	12700	5380	8620	7040	6600	1520	1830	2050	1290
12	3050	3720	7820	12400	6340	5440	7980	7900	3190	2260	2010	1500
13	3350	3350	7010	11700	8420	8980	8720	7530	4490	1780	1970	1290
14	2970	3500	6430	7950	13500	10700	7240	6780	6970	4160	5300	1140
15	1190	3630	7480	5370	14700	12100	6690	5920	10800	4940	3870	1160
16	1940	4310	9750	5940	14900	9990	5410	7310	9580	3000	2820	1540
17	3720	2760	8190	9460	15600	8320	6090	5950	4610	2500	1570	1460
18	4280	1920	7060	8300	14100	8750	6090	4380	5930	3820	2050	1460
19	2160	2630	5380	8440	13000	9270	4350	5720	5800	4180	1200	1000
20	2590	1900	8520	7570	12800	8470	2650	4910	5490	3000	1440	1300
21	3920	1700	9770	6940	12500	8330	3050	3320	4660	2000	1310	995
22	2630	4960	8460	7060	11800	9040	2890	3030	5650	3200	1540	693
23	1250	5550	6340	6720	11000	8790	6580	3600	3920	6090	2100	1430
24	1030	4530	7700	8060	6110	9120	9360	2830	3000	19100	836	1220
25	1020	3910	6960	6570	4610	9980	8310	2520	4000	32200	1250	2660
26	1100	3890	7090	6990	4740	9010	5790	2470	3710	23900	1430	3830
27	948	6240	5650	8290	6870	6460	6340	2440	4340	16500	1150	3510
28	1340	4540	8270	5740	8930	9210	11500	2450	4340	13600	1160	2280
29	1890	3520	4330	5520	---	9510	13200	2170	3390	10600	1270	1970
30	2220	4150	4290	7820	---	8470	17000	2440	4690	8240	903	1480
31	2710	---	5940	6990	---	8610	---	1940	---	8750	762	---
TOTAL	117358	107020	222140	219750	238030	305470	220180	224360	120782	207730	65391	44599
MEAN	3786	3567	7166	7089	8501	9854	7339	7237	4026	6701	2109	1487
MAX	11800	6240	9770	12700	15600	12700	17000	17900	10800	32200	7870	3830
MIN	948	1130	4290	3000	3280	5440	2650	1940	910	1780	762	631
CFSM	.75	.70	1.41	1.40	1.68	1.94	1.45	1.43	.79	1.32	.42	.29
IN.	.86	.79	1.63	1.61	1.75	2.24	1.62	1.65	.89	1.52	.48	.33

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1997, BY WATER YEAR (WY)

MEAN	4950	5021	5899	8623	9131	9667	8291	5594	4805	4279	4555	4153
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

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1930 - 1997	
ANNUAL TOTAL	2015986		2092810			
ANNUAL MEAN	5508		5734		6233	
HIGHEST ANNUAL MEAN					9964	
LOWEST ANNUAL MEAN					3241	
HIGHEST DAILY MEAN	23500	Feb 5	32200	Jul 25	149000	Oct 3 1929
LOWEST DAILY MEAN	779	Jul 21	631	Sep 6	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	1230	Oct 23	1010	Aug 31	279	Jul 1 1959
INSTANTANEOUS PEAK FLOW			33700	Jul 25	* 366000	Aug 26 1908
INSTANTANEOUS PEAK STAGE			24.27	Jul 25	* 39.70	Aug 26 1908
ANNUAL RUNOFF (CFSM)	1.09		1.13		1.23	
ANNUAL RUNOFF (INCHES)	14.79		15.36		16.70	
10 PERCENT EXCEEDS	12000		11600		13000	
50 PERCENT EXCEEDS	4350		4960		5000	
90 PERCENT EXCEEDS	1460		1320		1080	

* Site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft³/s, on basis of computation, 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

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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 and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

pH: Maximum, 8.5 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, 188 microsiemens, Dec. 11; minimum, 74 microsiemens, July 24.

pH: Maximum, 8.5 units, Aug. 21; minimum, 6.2 units, several days, several months.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 18; minimum, 6.5°C, Jan. 19 - 23.

DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Jan. 30; minimum, 2.2 mg/L, July 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	159	156	158	138	129	134	171	164	167	146	137	144
2	158	155	157	138	129	136	169	159	165	146	139	144
3	158	146	155	137	130	134	174	162	168	144	140	142
4	157	146	153	137	125	134	176	159	170	144	138	142
5	157	144	150	137	125	134	178	169	176	144	137	141
6	157	149	155	138	131	136	182	168	178	142	135	140
7	158	151	155	145	138	141	184	172	180	141	134	138
8	154	135	142	139	131	135	185	175	181	136	133	135
9	144	139	142	138	123	132	186	176	184	133	115	124
10	145	133	139	138	126	131	187	167	183	124	118	121
11	146	131	141	141	128	135	188	168	183	128	119	123
12	145	130	140	135	126	132	186	172	184	131	120	128
13	145	134	140	134	127	131	185	179	183	133	124	130
14	145	136	142	135	128	133	183	175	180	137	123	133
15	142	126	135	134	127	132	182	175	180	138	128	135
16	142	130	137	136	128	133	181	176	179	138	126	132
17	140	126	135	136	128	134	179	169	176	134	125	130
18	138	128	135	143	133	138	178	164	175	134	120	130
19	141	130	138	145	139	143	176	164	173	132	122	129
20	141	135	139	149	129	143	175	159	170	129	117	126
21	143	135	139	156	144	150	173	154	169	126	119	124
22	141	135	138	156	144	149	172	154	168	123	116	122
23	139	124	135	156	138	149	169	163	167	123	112	121
24	139	124	133	156	142	152	167	160	165	123	117	121
25	138	122	134	158	148	155	165	156	162	122	108	118
26	139	123	135	164	153	158	162	152	160	120	113	118
27	139	123	135	159	153	157	159	152	157	121	112	118
28	139	124	135	160	149	156	157	146	153	120	112	117
29	138	128	135	161	157	160	152	148	150	120	114	118
30	139	134	137	166	156	162	150	146	148	119	112	117
31	140	134	137	---	---	---	150	144	147	118	113	116
MONTH	159	122	141	166	123	142	188	144	170	146	108	128

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	119	113	117	92	81	87	121	112	116	124	117	121
2	120	116	118	93	88	91	122	107	115	122	117	120
3	119	117	118	100	91	96	120	110	114	117	107	113
4	121	110	116	104	99	102	120	110	116	108	104	106
5	122	109	116	111	104	108	123	110	117	107	103	105
6	119	115	118	115	109	112	124	115	119	105	103	104
7	119	115	118	115	112	113	121	115	118	104	101	102
8	119	113	117	---	---	---	119	110	117	104	100	102
9	119	107	116	---	---	---	121	112	116	105	102	104
10	120	114	118	---	---	---	122	110	114	103	99	101
11	121	118	119	116	107	112	116	112	114	102	100	102
12	121	117	120	128	109	123	123	112	116	106	102	104
13	121	104	118	128	116	122	122	105	114	108	104	105
14	112	98	104	120	103	112	115	106	112	110	102	107
15	106	88	96	109	95	103	116	110	113	111	106	110
16	113	88	102	120	104	116	118	110	113	111	108	110
17	120	103	112	122	112	118	116	112	114	114	110	112
18	124	110	121	121	115	118	114	110	112	114	112	113
19	126	115	120	123	113	116	115	110	113	115	110	114
20	126	117	121	120	110	115	114	111	113	116	113	115
21	117	105	110	118	110	116	115	113	114	116	115	115
22	107	102	105	118	110	116	115	113	114	117	115	116
23	107	97	104	118	114	116	116	112	114	117	115	116
24	108	97	103	116	113	116	116	112	114	118	116	117
25	104	98	102	129	114	119	116	109	114	119	116	118
26	103	97	100	121	105	114	118	111	116	119	116	118
27	102	96	99	122	111	116	119	113	117	118	111	115
28	102	92	99	120	113	118	118	107	113	117	115	116
29	---	---	---	117	110	115	117	106	109	118	116	117
30	---	---	---	120	106	113	121	107	115	119	117	118
31	---	---	---	121	113	118	---	---	---	119	110	117
MONTH	126	88	112	129	81	112	124	105	115	124	99	111
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	120	108	117	148	131	143	94	82	88	119	106	114
2	122	104	114	141	112	130	100	76	90	117	112	115
3	119	114	117	144	118	136	94	76	87	119	108	114
4	118	114	117	144	139	142	100	84	93	120	110	116
5	119	116	117	144	138	141	96	84	90	120	109	117
6	118	109	116	145	139	142	102	82	93	121	111	119
7	111	91	103	145	138	142	101	88	96	123	114	120
8	119	91	111	144	131	140	104	94	99	123	112	121
9	119	94	106	143	130	139	103	88	96	124	116	122
10	99	87	95	142	109	131	101	85	92	126	115	124
11	100	92	97	141	109	133	102	95	99	124	110	121
12	100	98	99	142	118	137	102	97	100	126	112	123
13	125	98	112	143	124	135	102	97	100	127	120	124
14	108	100	106	143	130	140	105	100	104	127	118	124
15	121	100	113	142	133	139	106	99	104	130	119	126
16	126	109	120	---	---	---	106	101	105	130	125	128
17	130	109	121	---	---	---	108	97	104	135	127	132
18	136	123	127	146	125	140	108	99	105	139	129	134
19	137	125	128	---	---	---	107	100	104	135	124	129
20	148	121	130	---	---	---	115	94	108	140	124	135
21	137	117	128	---	---	---	118	103	109	140	126	137
22	142	110	134	---	---	---	109	100	107	140	131	136
23	156	134	145	144	123	140	110	105	108	145	128	137
24	---	---	---	134	74	106	111	102	108	137	128	135
25	---	---	---	137	119	127	113	106	110	136	115	131
26	---	---	---	128	112	118	117	105	111	137	116	131
27	---	---	---	114	103	107	118	105	111	139	128	135
28	150	120	145	104	89	97	119	108	112	140	102	128
29	143	115	131	93	87	89	119	105	111	133	111	122
30	148	139	144	92	81	88	114	105	111	140	100	125
31	---	---	---	92	80	86	116	106	112	---	---	---
MONTH	156	87	119	148	74	127	119	76	102	145	100	126
YEAR	188	74	126									

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

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	24.0	24.0	20.5	17.0	18.5	12.5	12.0	12.0	10.0	9.0	9.5
2	24.0	24.0	24.0	19.0	17.0	18.5	12.5	11.5	12.0	9.5	9.0	9.0
3	25.0	23.5	24.0	19.0	15.0	17.5	12.0	11.5	11.5	10.5	9.0	9.5
4	24.0	22.0	23.0	18.5	16.0	17.5	12.0	11.0	11.5	10.5	9.5	10.0
5	23.0	20.5	21.5	18.5	17.0	17.5	11.5	11.0	11.5	10.5	9.5	10.0
6	23.0	21.0	22.5	19.0	17.0	18.0	12.0	11.0	11.0	11.0	9.5	10.0
7	22.5	22.0	22.0	18.5	17.5	18.0	11.5	11.0	11.0	10.5	10.5	10.5
8	22.0	21.0	21.5	18.0	17.0	18.0	11.5	10.5	11.0	10.5	10.0	10.0
9	21.5	20.5	21.0	17.5	16.5	17.0	11.0	10.5	10.5	10.0	9.5	10.0
10	21.5	20.0	20.5	17.0	15.5	16.0	11.0	10.0	10.5	10.0	9.5	9.5
11	21.0	19.5	20.5	17.0	15.0	16.0	11.0	9.5	10.5	9.5	9.0	9.5
12	21.5	18.5	19.5	16.5	14.5	15.5	11.0	10.5	10.5	9.5	9.0	9.0
13	21.0	19.0	19.5	16.0	14.0	15.0	12.0	10.5	11.0	9.0	8.5	9.0
14	21.0	18.5	19.5	16.0	14.5	15.0	11.5	10.5	11.0	9.5	8.0	9.0
15	21.5	18.0	19.5	15.0	13.0	14.5	11.0	10.5	10.5	9.5	8.0	8.5
16	20.5	18.5	19.5	15.0	14.0	14.5	11.0	10.5	10.5	9.0	8.5	9.0
17	20.0	18.5	19.5	15.0	13.5	14.0	10.5	10.0	10.5	8.5	7.5	8.0
18	21.5	18.5	19.5	14.5	13.5	13.5	10.5	10.0	10.5	8.0	7.5	7.5
19	19.5	17.5	18.5	14.5	13.5	14.0	10.5	10.0	10.0	7.5	6.5	7.0
20	19.5	17.5	18.5	14.0	12.5	13.5	10.0	9.0	9.5	7.5	6.5	7.0
21	20.0	18.0	19.0	13.5	12.5	13.0	9.5	9.0	9.0	7.5	6.5	6.5
22	20.0	17.0	18.5	13.5	13.0	13.0	9.5	8.5	9.0	7.0	6.5	6.5
23	18.5	17.5	18.0	13.5	12.0	12.5	10.0	8.5	9.0	8.0	6.5	7.0
24	20.0	15.5	18.0	13.5	12.0	12.5	9.5	9.0	9.0	7.0	7.0	7.0
25	20.0	16.5	18.0	13.5	12.5	13.0	9.5	8.5	9.0	8.0	7.0	7.5
26	19.5	17.0	18.0	13.0	12.5	13.0	9.0	8.5	9.0	8.0	7.0	7.5
27	19.5	18.0	18.5	13.0	11.5	12.5	9.5	8.5	9.0	7.5	7.0	7.0
28	20.5	18.0	19.0	12.5	11.5	12.0	9.0	9.0	9.0	8.0	7.0	7.5
29	20.0	18.0	19.0	12.5	11.5	12.0	9.5	8.5	9.0	8.0	7.5	7.5
30	20.5	18.5	19.0	12.5	11.5	12.0	9.5	8.5	9.0	7.5	7.5	7.5
31	20.0	18.0	19.0	---	---	---	10.0	9.0	9.5	8.0	7.5	7.5
MONTH	25.0	15.5	20.1	20.5	11.5	14.9	12.5	8.5	10.2	11.0	6.5	8.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	7.0	7.5	12.5	12.0	12.0	17.0	16.0	16.5	18.0	17.5	17.5
2	8.5	7.5	8.0	13.5	11.5	12.5	17.0	16.0	16.5	18.5	17.5	18.0
3	9.0	7.5	8.5	13.5	12.5	13.0	17.5	15.5	16.5	17.5	17.5	17.5
4	9.0	8.0	8.5	14.0	12.5	13.5	17.0	16.0	16.5	18.5	17.5	18.0
5	9.0	8.0	8.5	14.0	13.0	13.5	17.5	16.0	16.5	18.5	17.5	18.0
6	9.5	8.5	9.0	15.0	13.5	14.5	17.0	16.0	16.5	19.0	18.0	18.5
7	9.5	8.5	9.0	15.0	14.0	14.5	18.0	16.5	17.5	19.0	18.5	18.5
8	9.5	9.0	9.0	---	---	---	18.5	17.0	18.0	19.0	18.0	18.5
9	9.5	9.0	9.0	---	---	---	18.5	17.0	18.0	19.5	18.0	18.5
10	9.0	9.0	9.0	---	---	---	18.5	17.0	17.5	20.5	19.0	19.5
11	9.5	9.0	9.0	16.0	15.0	15.5	18.0	16.5	17.5	21.0	19.0	19.5
12	9.5	8.5	9.0	16.5	14.5	15.5	17.5	17.0	17.0	20.0	18.5	19.0
13	9.0	8.5	9.0	15.5	15.0	15.0	18.0	17.0	17.5	20.5	19.0	19.5
14	8.5	8.0	8.5	15.5	15.0	15.0	18.0	17.0	17.5	20.5	19.0	19.5
15	9.0	8.0	8.5	16.0	15.5	15.5	18.5	17.0	17.5	21.0	19.0	20.0
16	9.0	8.0	8.5	16.0	15.0	15.5	18.5	16.5	17.5	21.0	20.0	20.5
17	9.0	8.5	8.5	16.0	14.5	15.0	18.0	17.0	17.5	21.5	19.5	20.5
18	9.0	8.5	8.5	16.0	15.0	15.5	18.5	16.5	17.5	22.5	19.5	20.5
19	9.0	8.5	8.5	16.0	15.5	15.5	18.0	16.0	17.0	21.5	20.0	20.5
20	9.5	8.5	9.0	15.5	15.0	15.5	20.0	17.0	18.0	22.5	20.5	21.5
21	9.0	8.5	9.0	15.5	15.0	15.5	19.5	16.5	18.0	23.5	20.5	22.0
22	10.0	8.5	9.5	16.5	15.0	15.5	20.0	17.0	18.5	23.5	20.0	21.5
23	11.0	9.5	10.0	16.5	15.5	16.0	18.5	17.5	18.0	23.0	20.0	21.5
24	10.5	9.0	10.0	16.5	15.0	15.5	18.5	17.5	18.0	23.5	20.5	21.5
25	10.5	9.5	9.5	16.0	15.0	15.5	18.5	17.5	18.0	22.0	20.5	21.0
26	10.0	9.0	9.5	16.5	15.5	16.0	18.5	17.0	18.0	24.0	20.5	22.0
27	11.0	9.5	10.0	17.0	15.0	16.0	18.0	17.5	17.5	23.0	21.0	22.0
28	12.0	10.5	11.0	16.0	15.5	16.0	17.5	17.5	17.5	22.0	20.5	21.0
29	---	---	---	17.0	16.0	16.0	17.5	17.0	17.5	23.0	20.5	21.5
30	---	---	---	17.5	16.0	16.5	18.0	17.0	17.5	24.0	20.5	22.0
31	---	---	---	17.5	16.5	17.0	---	---	---	25.0	21.0	22.0
MONTH	12.0	7.0	9.0	17.5	11.5	15.1	20.0	15.5	17.4	25.0	17.5	20.0

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.1	4.5	4.9	8.8	6.6	7.2	8.6	7.9	8.2	10.1	9.4	9.7
2	4.8	4.5	4.6	8.5	5.9	6.5	8.6	7.9	8.3	10.2	9.5	9.7
3	6.2	4.6	5.2	9.4	6.6	7.6	8.7	8.2	8.3	10.3	9.5	9.8
4	7.2	4.8	5.9	8.2	6.4	6.8	9.7	8.1	8.6	10.4	9.4	9.8
5	8.1	5.4	6.3	9.4	6.5	7.0	8.7	8.2	8.5	10.5	9.5	9.8
6	7.4	5.3	6.0	7.8	6.2	6.7	9.3	8.3	8.6	10.2	9.6	9.8
7	5.7	5.2	5.4	6.6	6.0	6.3	8.7	8.3	8.5	---	---	---
8	6.3	5.4	5.9	6.6	5.9	6.1	9.1	8.4	8.6	---	---	---
9	6.6	6.0	6.2	7.6	6.1	6.7	8.7	8.4	8.5	---	---	---
10	7.1	6.1	6.5	8.8	6.4	7.1	8.9	8.5	8.7	---	---	---
11	7.3	6.2	6.8	7.5	6.7	7.1	9.3	8.7	8.9	9.8	9.4	9.6
12	8.0	6.4	6.9	9.1	6.8	7.3	9.2	8.8	8.9	9.8	9.5	9.6
13	8.0	6.5	6.8	8.4	6.9	7.5	9.6	8.7	8.9	9.8	9.3	9.6
14	8.2	6.3	7.0	8.6	7.0	7.5	9.8	8.9	9.1	10.5	9.5	9.8
15	8.7	6.3	7.2	9.9	7.1	7.8	9.3	8.9	9.1	10.4	9.6	9.8
16	8.1	6.3	7.2	9.9	7.3	7.8	9.1	8.7	8.9	10.0	9.5	9.7
17	8.0	6.0	6.9	9.9	7.5	8.3	9.0	8.7	8.8	10.1	9.7	9.9
18	8.2	5.7	6.3	9.8	7.4	8.2	9.2	8.8	8.9	10.3	9.8	10.1
19	8.6	6.3	7.3	9.8	7.3	8.0	9.8	8.9	9.1	10.4	9.9	10.1
20	8.5	7.0	7.5	8.9	7.7	8.2	9.8	9.1	9.3	10.6	9.9	10.2
21	8.5	6.8	7.3	8.9	7.9	8.4	9.9	9.2	9.5	10.5	10.1	10.3
22	7.7	6.5	7.1	9.2	7.8	8.1	10.0	9.4	9.6	10.4	10.0	10.2
23	8.8	6.5	6.9	9.8	7.7	8.2	10.6	9.3	9.7	10.6	10.0	10.2
24	9.6	6.7	7.8	9.4	7.7	8.3	9.6	9.2	9.4	10.4	9.8	10.1
25	9.6	6.6	7.4	8.7	7.7	8.0	9.9	9.3	9.6	10.7	10.1	10.3
26	9.7	6.4	7.1	8.6	7.8	8.1	9.9	9.5	9.6	10.7	10.2	10.5
27	9.7	6.9	7.6	9.0	7.6	8.4	10.3	9.5	9.7	10.4	10.2	10.3
28	9.3	6.9	7.6	9.6	8.3	8.6	9.8	9.4	9.6	10.6	10.2	10.4
29	9.4	6.5	7.0	9.1	8.2	8.6	10.2	9.4	9.7	10.7	10.2	10.5
30	8.6	6.3	6.9	8.9	8.1	8.4	10.1	9.5	9.8	11.0	10.0	10.4
31	9.0	6.0	7.1	---	---	---	10.0	9.5	9.7	10.2	9.9	10.0
MONTH	9.7	4.5	6.7	9.9	5.9	7.6	10.6	7.9	9.1	11.0	9.3	10.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.8	9.9	10.2	9.5	8.9	9.2	9.2	8.5	8.7	---	---	---
2	10.9	9.9	10.2	9.2	8.7	8.9	9.1	8.5	8.8	8.0	7.0	7.6
3	10.6	10.0	10.2	9.1	8.8	8.9	9.1	8.5	8.6	7.7	7.3	7.5
4	10.4	9.8	10.0	9.1	8.8	8.9	8.6	8.2	8.4	8.7	7.5	8.2
5	10.4	9.8	10.1	8.9	8.4	8.7	8.8	8.1	8.4	8.3	7.8	8.1
6	10.6	10.0	10.2	9.1	8.6	8.9	8.5	7.8	8.1	8.2	7.6	7.9
7	10.3	9.9	10.1	9.1	8.8	8.9	8.9	8.0	8.4	8.1	7.6	7.9
8	10.2	9.5	10.0	---	---	---	9.4	7.9	8.6	7.7	7.2	7.5
9	10.4	9.9	10.1	---	---	---	9.2	8.0	8.6	7.8	7.1	7.3
10	10.1	10.0	10.1	---	---	---	9.3	8.1	8.7	8.7	7.2	8.0
11	10.2	9.8	10.0	8.5	8.1	8.3	8.9	8.0	8.4	8.3	7.4	7.7
12	10.3	9.8	10.0	8.5	8.0	8.2	8.3	7.8	8.1	7.7	7.2	7.4
13	10.8	9.7	10.1	8.2	7.5	8.0	8.8	8.0	8.4	7.8	6.9	7.3
14	10.6	9.8	10.2	8.1	7.5	7.9	9.5	8.2	8.9	7.4	6.5	7.0
15	10.7	9.9	10.3	8.5	8.0	8.2	9.5	8.3	8.8	7.4	6.3	6.9
16	10.5	10.1	10.3	8.6	8.3	8.4	8.8	7.6	8.3	8.1	7.1	7.5
17	10.5	10.2	10.3	8.6	8.3	8.4	8.4	7.5	7.9	7.7	6.8	7.2
18	10.5	10.2	10.3	8.4	8.1	8.3	9.5	8.1	8.6	7.6	6.2	6.7
19	10.6	10.1	10.3	8.7	7.9	8.2	8.9	7.4	8.2	7.1	6.4	6.7
20	10.5	10.1	10.2	8.6	8.3	8.4	---	---	---	7.4	6.0	6.6
21	10.5	9.8	10.2	8.6	8.3	8.4	---	---	---	7.6	5.7	6.5
22	10.3	9.8	10.0	8.9	8.2	8.5	9.0	6.5	7.7	7.6	5.8	6.5
23	10.2	9.8	10.0	8.9	8.3	8.6	8.4	6.8	7.6	7.2	5.6	6.3
24	10.1	9.7	9.9	8.8	8.2	8.5	8.8	7.7	8.2	7.5	5.6	6.2
25	10.1	9.6	9.8	8.3	7.9	8.1	8.8	7.6	8.1	7.2	5.6	6.2
26	9.9	9.5	9.6	8.6	7.7	8.2	---	---	---	7.7	5.6	6.4
27	9.8	9.3	9.6	8.7	8.1	8.3	---	---	---	7.6	5.5	6.2
28	9.7	8.8	9.4	8.6	7.7	8.2	---	---	---	7.5	5.7	6.3
29	---	---	---	8.5	8.0	8.2	---	---	---	7.7	5.4	6.3
30	---	---	---	8.9	8.2	8.5	---	---	---	7.7	5.5	6.3
31	---	---	---	9.1	8.2	8.6	---	---	---	7.6	5.5	6.2
MONTH	10.9	8.8	10.1	9.5	7.5	8.5	9.5	6.5	8.4	8.7	5.4	7.0

SANTEE RIVER BASIN
02148071 GILLIES CREEK NEAR LUGOFF, SC

LOCATION.--Lat 34°11'37", long 80°40'37", Kershaw County, Hydrologic Unit 03050104, at downstream side of culvert on County Road 992, 2.8 mi south of Lugoff, 1.2 mi east of intersection of County Road 992 and U.S. Highway 601.

DRAINAGE AREA.--8.29 mi².

PERIOD OF RECORD.--April 1994 to September 1997 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 145 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Oct. 8 - 9, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	7.2	17	8.6	16	17	8.0	9.9	7.9	15	17	7.4
2	8.5	7.8	16	8.0	22	13	7.9	8.9	7.7	25	10	7.2
3	7.8	8.4	9.5	7.2	11	11	8.9	19	7.3	10	8.4	6.8
4	6.9	8.4	8.0	7.2	7.1	9.6	8.2	16	7.1	7.4	8.2	6.1
5	6.6	8.1	8.8	9.5	6.3	9.7	8.1	10	7.0	6.6	7.7	6.0
6	7.0	7.8	10	9.9	5.9	10	8.4	8.6	19	6.2	6.9	6.0
7	9.7	8.0	9.6	8.4	9.5	9.2	8.7	8.0	16	6.4	6.6	6.4
8	35	14	10	8.2	14	9.5	7.8	7.6	9.7	6.5	6.4	6.6
9	20	15	9.4	33	18	10	7.9	7.7	8.2	7.5	6.3	6.4
10	10	11	8.4	20	10	9.2	7.3	7.6	7.3	9.4	6.6	6.5
11	8.4	9.7	8.4	12	9.0	8.9	7.4	7.6	7.0	7.8	7.5	8.0
12	7.7	8.8	8.6	11	9.0	8.6	16	7.8	7.4	6.9	7.3	7.4
13	7.7	8.2	9.0	11	23	8.5	15	7.7	8.5	6.5	6.7	6.8
14	7.7	8.0	8.7	9.8	39	21	9.7	7.3	10	6.6	6.6	7.0
15	7.3	7.8	8.8	9.7	36	14	8.6	7.0	32	6.9	6.6	7.1
16	7.0	7.8	8.8	22	18	11	8.1	6.8	12	6.6	6.6	6.8
17	7.0	7.6	8.4	14	13	10	7.7	6.7	9.2	7.1	6.5	6.3
18	7.0	8.8	9.0	11	13	10	7.8	6.9	11	6.5	6.5	6.3
19	7.0	11	16	11	12	9.9	8.1	7.0	9.0	6.1	6.4	6.6
20	7.2	9.7	11	10	11	10	9.6	7.0	7.6	6.0	6.3	6.5
21	7.5	11	9.3	9.6	11	10	8.3	7.2	7.0	6.0	6.5	6.4
22	7.2	15	9.1	9.7	18	9.4	9.5	7.0	7.0	5.9	6.4	6.5
23	6.9	11	8.8	10	13	9.4	20	6.8	9.0	31	6.2	6.4
24	7.1	9.8	8.7	11	12	11	11	6.7	8.4	96	6.2	8.0
25	7.1	9.7	9.3	16	11	8.0	8.6	7.7	7.1	25	6.5	33
26	7.1	9.1	9.6	12	11	10	8.0	9.9	6.7	12	6.3	17
27	7.5	8.6	11	10	11	12	10	29	6.7	10	6.1	10
28	8.2	8.7	9.4	9.6	11	10	28	13	10	8.9	6.1	21
29	8.1	9.3	9.5	9.3	---	12	23	8.7	13	8.2	6.0	15
30	7.5	9.6	13	15	---	10	12	8.1	8.7	8.3	6.0	9.0
31	7.2	---	11	13	---	9.9	---	7.8	---	25	6.8	---
TOTAL	276.9	284.9	312.1	366.7	400.8	331.8	317.6	287.0	294.5	403.3	220.2	266.5
MEAN	8.93	9.50	10.1	11.8	14.3	10.7	10.6	9.26	9.82	13.0	7.10	8.88
MAX	35	15	17	33	39	21	28	29	32	96	17	33
MIN	6.6	7.2	8.0	7.2	5.9	8.0	7.3	6.7	5.9	6.0	6.0	6.0
CFSM	1.08	1.15	1.21	1.43	1.73	1.29	1.28	1.12	1.18	1.57	.86	1.07
IN.	1.24	1.28	1.40	1.65	1.80	1.49	1.43	1.29	1.32	1.81	.99	1.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1997, BY WATER YEAR (WY)

	1994	1995	1996	1997
MEAN	12.1	13.2	15.1	15.2
MAX	14.8	16.2	21.8	19.2
(WY)	1995	1995	1995	1995
MIN	8.93	9.50	10.1	11.8
(WY)	1997	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1994 - 1997

ANNUAL TOTAL	4223.2	3762.3	12.9
ANNUAL MEAN	11.5	10.3	16.0
HIGHEST ANNUAL MEAN			10.3
LOWEST ANNUAL MEAN			1995
HIGHEST DAILY MEAN	74	Mar 7	151
LOWEST DAILY MEAN	5.6	Jul 4	5.3
ANNUAL SEVEN-DAY MINIMUM	6.3	Jun 29	6.0
INSTANTANEOUS PEAK FLOW			371
INSTANTANEOUS PEAK STAGE			Aug 26 1995
INSTANTANEOUS LOW FLOW			4.69
ANNUAL RUNOFF (CFSM)	1.39		4.5
ANNUAL RUNOFF (INCHES)	18.95		1.56
10 PERCENT EXCEEDS	17		21.17
50 PERCENT EXCEEDS	10		19
90 PERCENT EXCEEDS	7.2		10
			6.9

*Also occurred on July 22.

SANTEE RIVER BASIN
02148315 WATEREE RIVER BELOW EASTOVER, SC

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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.--Records good except for estimated daily discharges, May 2 - 5, which are poor. 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 Oct. 10. Jan. 12 - 14, Feb. 15 - 24, Mar. 4 - 11, 16, 17, Apr. 30 to May 10, July 25 to Aug. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2060	2760	4310	5980	7580	8940	8700	---	2860	4750	---	1180
2	5090	2130	5880	5400	6330	9760	8790	---	2360	5970	9360	1110
3	7440	1750	8170	5170	6090	9950	8370	---	1740	5880	7200	1440
4	6600	1740	8600	4510	5450	---	7480	---	2360	4870	4890	1570
5	4470	2570	7110	4250	4470	---	8210	---	2460	4320	3660	1430
6	2950	2640	6530	4080	4570	---	8280	---	2640	3780	3200	1340
7	2690	3510	6840	3750	5350	---	8280	---	3440	2920	2710	1150
8	6500	4700	6960	4740	5710	---	7230	---	4170	2950	3080	1030
9	9470	5090	7170	6140	7000	---	6670	---	3150	3120	3220	1280
10	---	5390	8430	8000	7450	---	6790	---	3360	3320	3000	1430
11	9380	4410	8440	9970	7040	---	6680	9420	2980	3180	1870	1540
12	7450	4730	7820	---	6420	9680	7130	8170	2360	2620	2110	1550
13	5430	4540	7940	---	6780	7890	7940	8190	2980	2660	2450	1600
14	4580	4010	7530	---	8470	8810	8540	7950	4380	2660	2460	1570
15	3750	3850	7080	9600	---	9700	8040	7380	6850	3630	4020	1570
16	2790	4070	7460	7580	---	---	7310	6830	8970	5090	4570	1330
17	2390	4420	8760	7150	---	---	6380	7300	9040	4600	3620	1500
18	3080	3870	8660	8800	---	9330	6550	6700	6870	3700	2730	1620
19	4750	2740	7660	8810	---	9100	6500	5340	6490	3880	2330	1640
20	3450	2860	6680	8600	---	9200	5380	5910	6440	4600	2270	1640
21	2820	2630	8100	8090	---	8910	4040	5740	6320	3690	1880	1380
22	3610	2440	9050	7590	---	8690	3650	4530	5790	2520	1640	1460
23	3380	4130	8790	7500	---	8900	3770	3850	5910	2970	1890	1230
24	2620	5640	7430	7380	---	8900	5970	3980	5430	5950	2190	1240
25	1760	5020	7630	7950	9210	8980	8550	3750	4160	---	1920	1560
26	1620	4340	7570	7490	7080	9370	8390	3400	4410	---	1390	2430
27	1540	4210	7290	7420	6460	9000	7120	3230	4730	---	1620	3350
28	1450	5890	6700	7990	7550	7810	7430	3140	4940	---	1570	4310
29	1360	5480	7710	6970	---	8790	9480	3110	5020	---	1410	3410
30	1760	4180	5980	6430	---	9120	---	3000	4550	---	1600	2970
31	2450	---	5090	7690	---	8830	---	3030	---	---	1430	---
TOTAL	---	115740	229370	---	---	---	---	---	137160	---	---	51860
MEAN	---	3858	7399	---	---	---	---	---	4572	---	---	1729
MAX	---	5890	9050	---	---	---	---	---	9040	---	---	4310
MIN	---	1740	4310	---	---	---	---	---	1740	---	---	1030
CFSM	---	.69	1.32	---	---	---	---	---	.82	---	---	.31
IN.	---	.77	1.53	---	---	---	---	---	.91	---	---	.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1997, BY WATER YEAR (WY)

	MEAN	3294	4102	5248	7037	6868	5807	5585	5216	5179	4367	4138	3554
MAX	7683	9274	7399	8760	9155	8476	9550	9104	9698	7239	6608	6908	
(WY)	1980	1978	1997	1980	1972	1980	1980	1975	1973	1989	1974	1979	
MIN	1650	1623	2885	4046	3048	3635	2344	1440	1350	1507	1627	1729	
(WY)	1994	1982	1989	1989	1977	1981	1985	1986	1988	1986	1988	1997	

SUMMARY STATISTICS

WATER YEARS 1968 - 1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR FOR 1997 WATER YEAR

WATER YEARS 1968 - 1997

LOWEST DAILY MEAN	1490 Jul 16	1030 Sep 8	549 Oct 22 1986
INSTANTANEOUS PEAK FLOW		Unknown Feb 18	Unknown Oct 6 1989
INSTANTANEOUS PEAK STAGE		15.27 Feb 18	17.98 Oct 6 1989

Santee River Basin
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 and data collection platform.

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, 240 microsiemens, Sept. 24; minimum, 84 microsiemens, Aug. 1.

pH: Maximum, 7.4 units, Oct. 8; minimum, 6.3 units, June 5.

WATER TEMPERATURE: Maximum, 31.0°C, July 22; minimum, 6.0°C, Jan. 18, - 22.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 31; minimum, 3.9 mg/L, July 30 - 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	214	181	202	170	136	153	185	179	182	164	161	163
2	181	167	171	184	170	177	182	177	180	166	160	163
3	171	166	169	188	183	186	185	178	181	166	159	162
4	172	168	170	191	179	186	182	177	180	168	161	163
5	179	170	175	179	165	170	185	181	183	168	161	163
6	192	179	186	172	164	168	191	185	187	170	161	164
7	192	172	183	166	156	161	193	190	191	163	158	161
8	172	158	162	157	153	155	194	191	193	159	151	155
9	163	147	159	155	149	152	197	191	194	153	146	150
10	152	146	149	151	146	149	199	185	194	151	139	146
11	150	141	146	150	145	148	199	195	197	144	137	140
12	145	140	142	149	145	147	199	195	197	145	138	141
13	151	145	149	152	147	150	201	197	199	144	138	141
14	163	147	154	167	145	153	200	195	198	144	137	142
15	167	161	164	157	152	155	200	195	198	140	135	137
16	177	163	172	159	154	156	199	194	196	146	139	143
17	179	173	176	157	154	155	198	192	195	147	143	145
18	180	158	170	164	155	158	195	188	191	147	143	145
19	159	154	157	172	164	169	194	187	190	146	142	144
20	165	158	162	170	164	167	189	184	187	147	141	145
21	169	158	165	177	168	174	188	184	186	144	139	141
22	162	158	160	181	173	176	187	181	183	144	138	141
23	164	160	163	174	163	166	184	171	180	140	135	138
24	177	162	170	166	163	164	181	177	179	139	135	137
25	190	138	174	172	164	167	182	177	179	139	135	136
26	193	190	191	175	169	172	179	174	177	136	132	134
27	194	188	191	177	153	171	177	173	175	133	120	129
28	200	189	195	181	172	176	176	170	173	134	122	129
29	200	136	174	180	172	177	173	168	171	133	130	132
30	181	133	151	184	180	182	171	167	169	134	131	133
31	176	136	167	---	---	---	173	163	168	137	131	133
MONTH	214	133	168	191	136	165	201	163	186	170	120	145

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	135	128	131	108	106	107	---	---	---	129	120	125
2	134	128	132	108	95	103	---	---	---	---	---	---
3	142	132	136	102	98	101	---	---	---	---	---	---
4	145	141	143	106	102	104	---	---	---	---	---	---
5	151	144	149	111	106	109	---	---	---	---	---	---
6	150	144	147	114	109	111	---	---	---	113	108	110
7	145	141	143	116	110	113	---	---	---	110	105	108
8	142	139	141	118	114	116	---	---	---	108	104	106
9	139	136	138	119	115	117	114	108	109	107	103	105
10	138	133	136	119	115	117	112	107	109	106	102	103
11	139	133	136	116	110	114	112	108	109	107	102	105
12	142	137	138	112	109	111	111	106	108	114	106	111
13	139	137	138	113	110	112	109	105	107	115	112	113
14	137	133	135	116	112	114	107	102	105	115	112	114
15	135	118	126	115	111	113	105	100	103	116	104	110
16	121	113	117	114	110	112	107	102	105	107	104	106
17	126	115	120	112	109	110	110	105	107	118	105	110
18	129	124	127	115	109	112	111	108	109	123	117	120
19	132	127	129	119	114	117	112	108	110	130	123	127
20	128	123	127	121	119	120	116	109	112	130	125	127
21	125	121	123	122	119	120	125	114	120	128	125	126
22	121	113	118	123	120	121	125	118	122	135	127	132
23	113	109	110	125	122	123	125	97	118	141	115	133
24	110	107	109	124	121	122	121	102	111	118	114	117
25	109	106	108	124	119	122	104	95	100	138	113	120
26	114	106	112	123	115	119	101	96	98	146	138	143
27	115	98	111	122	115	119	101	96	99	149	142	146
28	112	108	110	126	115	118	102	98	100	148	118	141
29	---	---	---	124	118	120	110	101	106	146	143	144
30	---	---	---	---	---	---	120	109	116	147	143	145
31	---	---	---	---	---	---	---	---	---	147	143	145
MONTH	151	98	128	126	95	114	125	95	108	149	102	122
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	151	143	147	163	150	156	96	84	89	222	194	213
2	168	150	158	157	153	155	92	85	88	215	208	212
3	185	126	174	158	151	156	108	92	101	---	---	---
4	172	154	160	158	149	155	126	107	116	---	---	---
5	169	148	152	161	136	157	135	126	131	198	186	192
6	156	143	149	173	161	168	150	126	138	20		

SANTEE RIVER BASIN
02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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

SANTEE RIVER BASIN
02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	21.5	22.0	20.5	19.5	20.0	12.5	11.0	12.0	11.0	10.5	10.5
2	23.0	21.5	22.5	19.5	18.0	19.0	13.0	12.5	12.5	11.0	10.5	10.5
3	24.0	23.0	23.5	18.0	16.5	17.5	12.5	11.5	12.0	11.0	10.0	10.5
4	24.0	23.0	23.5	16.5	15.5	16.0	11.5	11.5	11.5	11.5	10.5	11.0
5	23.0	22.0	22.5	16.5	15.0	15.5	11.5	10.5	11.0	12.0	11.0	11.5
6	22.0	20.5	21.0	17.5	16.0	17.0	11.0	10.5	11.0	12.0	11.0	11.5
7	20.5	19.5	20.0	18.5	17.5	18.0	11.5	11.0	11.0	12.0	11.0	11.5
8	21.0	19.5	20.5	19.0	18.0	18.5	11.5	11.0	11.5	11.0	10.0	10.5
9	21.5	21.0	21.5	18.0	16.5	17.5	11.0	10.5	10.5	10.0	9.0	9.5
10	21.0	20.5	21.0	16.5	15.0	16.0	10.5	10.0	10.0	9.5	9.0	9.0
11	21.0	19.5	20.0	15.0	14.5	14.5	10.5	10.0	10.5	9.5	9.0	9.5
12	20.0	19.0	19.5	14.5	13.5	14.0	11.0	10.5	11.0	9.5	8.5	9.0
13	19.5	19.0	19.0	14.5	13.5	14.0	11.5	11.0	11.5	8.5	8.0	8.5
14	19.5	18.5	19.0	14.5	13.5	14.0	11.5	11.0	11.5	8.0	7.5	7.5
15	20.0	18.5	19.5	14.0	13.5	13.5	11.0	10.5	11.0	7.5	7.0	7.0
16	20.5	19.0	20.0	13.5	13.0	13.0	10.5	10.5	10.5	8.0	7.0	8.0
17	21.0	20.5	20.5	13.5	12.5	13.0	10.5	10.5	10.5	8.0	7.5	8.0
18	21.5	21.0	21.0	14.0	13.0	13.5	11.0	10.5	10.5	7.5	6.5	7.0
19	21.0	18.5	19.5	14.5	13.5	14.0	10.5	9.5	10.0	6.5	6.0	6.0
20	18.5	18.0	18.0	14.0	13.5	14.0	9.5	8.5	9.0	6.0	6.0	6.0
21	18.0	17.0	17.5	14.0	13.5	13.5	9.0	8.5	8.5	6.0	6.0	6.0
22	19.0	17.0	18.0	14.0	13.0	13.5	8.5	8.5	8.5	6.5	6.0	6.5
23	19.0	18.0	18.5	13.0	12.0	12.5	8.5	8.5	8.5	7.0	6.5	7.0
24	19.0	18.0	18.5	12.5	12.0	12.5	9.5	8.5	9.0	7.5	7.0	7.0
25	18.5	17.5	18.0	13.0	12.5	12.5	10.0	9.5	9.5	7.5	7.0	7.0
26	18.5	17.5	18.0	14.0	13.0	13.5	9.5	8.5	9.0	7.0	6.5	7.0
27	18.5	18.0	18.5	13.5	12.5	13.0	9.0	8.5	8.5	7.5	7.0	7.0
28	19.5	18.5	19.0	12.5	11.5	12.0	9.5	9.0	9.0	7.5	7.0	7.5
29	20.5	19.5	20.0	11.5	11.0	11.5	10.0	9.5	9.5	8.5	7.5	8.0
30	21.5	20.5	21.0	11.0	10.5	11.0	10.5	10.0	10.0	8.0	7.5	8.0
31	21.0	20.5	21.0	---	---	---	11.5	10.5	11.0	7.5	7.5	7.5
MONTH	24.0	17.0	20.1	20.5	10.5	14.6	13.0	8.5	10.3	12.0	6.0	8.4
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	19.0	18.0	18.5
2	8.5	8.0	8.0	14.0	12.5	13.0	---	---	---	---	---	---
3	9.0	8.5	9.0	13.5	13.0	13.5	---	---	---	---	---	---
4	9.5	8.5	9.0	14.0	13.0	13.5	---	---	---	---	---	---
5	10.5	9.5	10.0	15.0	12.5	14.0	---	---	---	---	---	---
6	10.5	9.5	10.0	15.0	14.5	14.5	---	---	---	19.0	18.5	18.5
7	9.5	9.0	9.0	14.5	14.0	14.5	---	---	---	19.0	18.5	19.0
8	10.0	9.0	9.5	15.0	14.5	15.0	---	---	---	19.5	19.0	19.5
9	9.5	9.0	9.0	15.0	14.5	15.0	19.0	18.0	18.5	19.5	19.5	19.5
10	9.0	9.0	9.0	15.5	15.0	15.0	18.5	17.5	18.5	19.5	19.0	19.5
11	9.5	9.0	9.0	16.0	15.5	15.5	18.5	17.5	18.0	19.5	19.0	19.5
12	9.0	8.5	9.0	16.5	16.0	16.0	18.5	17.5	18.0	20.0	19.5	20.0
13	9.0	8.5	9.0	16.5	16.0	16.0	18.5	18.0	18.5	20.0	19.5	20.0
14	8.5	8.0	8.5	16.5	15.5	16.0	18.0	17.5	18.0	20.0	19.5	20.0
15	8.5	8.0	8.5	16.0	15.5	16.0	18.0	17.5	18.0	21.0	20.0	20.5
16	9.0	8.5	8.5	16.0	15.5	15.5	18.5	18.0	18.0	21.0	20.5	20.5
17	9.0	8.5	9.0	16.0	15.5	15.5	19.0	18.0	18.5	21.0	20.5	20.5
18	9.0	8.5	9.0	16.0	15.5	15.5	18.0	17.0	17.5	21.5	21.0	21.0
19	9.5	9.0	9.5	16.5	16.0	16.0	17.5	17.0	17.0	23.0	21.0	22.0
20	10.0	9.5	9.5	16.5	16.0	16.0	18.5	17.0	17.5	23.0	22.0	22.5
21	11.0	9.5	10.0	16.0	15.5	16.0	19.5	17.5	18.5	22.5	22.5	22.5
22	11.0	10.5	11.0	16.5	16.0	16.0	20.5	18.5	19.5	23.5	22.0	22.5
23	10.5	10.0	10.5	16.5	16.0	16.5	20.0	19.0	19.5	23.5	22.0	22.5
24	10.5	9.5	10.0	17.0	16.5	16.5	19.5	18.0	19.0	23.5	22.0	23.0
25	11.0	10.5	10.5	16.5	16.5	16.5	18.5	18.0	18.5	23.5	22.0	23.0
26	11.0	10.5	10.5	17.0	16.5	16.5	18.5	18.0	18.5	24.0	22.5	23.5
27	11.5	10.5	11.0	17.0	16.0	16.5	18.0	17.5	18.0	24.0	22.5	23.0
28	12.0	11.5	12.0	17.5	16.5	17.0	18.0	17.5	18.0	23.5	22.0	22.5
29	---	---	---	17.5	17.0	17.5	18.5	18.0	18.0	22.0	21.5	21.5
30	---	---	---	18.0	17.0	17.5	18.5	18.0	18.0	22.5	21.0	21.5
31	---	---	---	18.0	17.5	17.5	---	---	---	23.5	22.0	22.5
MONTH	12.0	7.5	9.5	18.0	11.5	15.5	20.5	17.0	18.2	24.0	18.0	21.1

SANTEE RIVER BASIN
02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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

SANTEE RIVER BASIN
02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

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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.--Records good except for estimated daily discharges, Aug. 23 - 27, Sept. 4 - 6, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	5.1	33	9.0	15	133	18	28	14	11	6.3	1.8
2	12	7.3	20	8.7	15	40	17	22	13	13	5.4	1.8
3	11	7.0	11	8.6	14	29	17	62	16	10	4.8	1.7
4	10	5.7	9.0	8.4	44	25	17	39	13	9.0	4.7	.30
5	9.2	5.6	8.7	10	32	22	17	25	12	8.3	5.4	.10
6	9.0	5.8	11	9.9	23	25	19	22	12	7.9	7.7	.52
7	8.8	5.7	9.8	8.7	19	21	20	20	12	7.8	5.0	1.4
8	12	11	10	8.3	25	20	17	19	12	7.6	4.7	1.3
9	8.8	9.6	9.4	100	22	19	17	22	11	8.9	4.2	1.1
10	7.3	6.3	8.7	37	20	19	16	19	11	12	4.2	1.3
11	6.6	5.6	8.6	20	20	18	15	18	11	8.3	4.9	2.3
12	6.1	5.2	11	17	18	18	27	17	12	7.1	3.9	2.0
13	5.5	5.2	41	16	29	17	25	17	19	6.7	3.6	1.7
14	5.1	5.3	14	15	111	74	19	16	22	6.5	3.4	1.5
15	4.7	5.2	11	14	207	37	18	16	43	6.1	3.1	1.3
16	4.0	4.8	10	22	48	25	17	16	16	5.6	2.8	1.4
17	4.1	5.0	11	19	31	22	17	15	13	6.0	2.7	1.4
18	3.8	5.7	11	16	26	21	16	15	12	5.9	2.4	1.7
19	3.5	8.6	15	16	24	23	16	15	12	5.1	2.1	2.3
20	3.4	7.0	12	15	23	25	16	15	11	4.8	1.8	2.1
21	3.5	7.0	11	15	22	21	15	15	11	4.9	1.7	1.7
22	3.5	11	10	14	25	20	20	14	10	4.4	1.7	1.5
23	3.4	8.0	10	14	22	19	62	14	10	15	.76	1.6
24	3.7	7.0	10	15	21	18	28	13	9.6	24	.52	9.8
25	3.9	6.4	10	31	20	18	20	14	9.6	9.3	.46	9.0
26	4.0	8.3	9.1	21	20	20	18	15	9.3	7.4	.52	3.9
27	4.0	8.3	9.3	17	21	18	22	13	12	6.7	.32	2.7
28	4.4	7.2	9.1	17	240	19	310	13	16	6.2	1.9	3.5
29	4.5	6.8	9.4	16	---	27	330	12	12	7.2	2.2	3.9
30	4.7	7.1	9.4	16	---	22	41	13	11	8.5	1.9	2.8
31	4.7	---	9.1	16	---	20	---	13	---	8.6	1.7	---
TOTAL	203.2	203.8	381.6	570.6	1157	855	1227	587	407.5	259.8	96.78	69.42
MEAN	6.55	6.79	12.3	18.4	41.3	27.6	40.9	18.9	13.6	8.38	3.12	2.31
MAX	24	11	41	100	240	133	330	62	43	24	7.7	9.8
MIN	3.4	4.8	8.6	8.3	14	17	15	12	9.3	4.4	.32	.10
CFSM	.27	.28	.51	.76	1.71	1.14	1.70	.79	.56	.35	.13	.10
IN.	.31	.31	.59	.88	1.79	1.32	1.89	.91	.63	.40	.15	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

	MEAN	16.6	18.8	21.4	35.0	40.6	42.7	27.9	19.1	14.7	9.23	12.7	7.56
MAX	91.8	60.1	54.9	82.5	66.8	94.5	54.7	37.1	36.8	30.7	47.8	17.5	17.5
(WY)	1991	1986	1984	1993	1984	1993	1983	1984	1992	1984	1985	1995	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	1.77
(WY)	1984	1982	1992	1992	1986	1988	1986	1988	1988	1996	1996	1983	1983

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1981 - 1997

ANNUAL TOTAL	7277.15	6018.70	
ANNUAL MEAN	19.9	16.5	22.1
HIGHEST ANNUAL MEAN			37.5
LOWEST ANNUAL MEAN			11.2
HIGHEST DAILY MEAN	335	330	1000
LOWEST DAILY MEAN	.29	.10	.10
ANNUAL SEVEN-DAY MINIMUM	.43	.85	.43
INSTANTANEOUS PEAK FLOW		* 1190	* 2100
INSTANTANEOUS PEAK STAGE		10.97	13.77
ANNUAL RUNOFF (CFSM)	.83	.68	.92
ANNUAL RUNOFF (INCHES)	11.23	9.29	12.47
10 PERCENT EXCEEDS	34	25	36
50 PERCENT EXCEEDS	11	11	13
90 PERCENT EXCEEDS	1.4	2.4	4.1

* From rating curve extended above 500 ft³/s.

SANTEE RIVER BASIN
02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

LOCATION.--Lat 35° 07'15", long 81° 59'10", Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 mi south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 mi².

PERIOD OF RECORD.--April 1930 to current year. Monthly discharge only for some periods, published in WSP-1303.

GAGE.--Data collection platform. Datum of gage is 715.56 ft above sea level. From November 26, 1929 to November 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good except for estimated daily discharges, Apr. 28, 29, which are fair. Some diurnal fluctuation at low and medium flow caused by mill above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	150	91	1040	142	187	666	199	309	242	142	150	78
2	136	99	1800	142	178	415	191	265	446	141	131	77
3	128	105	388	138	170	349	187	482	312	133	121	73
4	120	96	277	135	208	320	184	393	249	125	115	71
5	115	93	232	160	253	280	182	300	209	144	111	70
6	110	94	219	166	215	308	233	266	190	129	107	69
7	107	96	208	145	190	260	281	241	180	121	105	68
8	112	267	195	140	207	243	211	227	174	118	106	67
9	120	239	174	365	195	231	194	225	169	119	105	67
10	111	146	165	330	183	224	183	207	164	124	105	92
11	103	123	162	237	182	214	181	195	156	232	105	113
12	101	113	165	200	171	205	343	192	158	162	106	87
13	98	109	264	180	180	201	377	188	177	138	102	78
14	97	108	195	169	255	373	264	181	194	125	99	74
15	97	106	173	162	641	294	231	178	308	118	98	73
16	96	103	163	248	399	239	214	174	195	116	96	71
17	96	102	168	206	295	220	203	170	173	114	95	70
18	95	111	172	175	252	211	191	168	164	113	91	69
19	94	131	189	168	229	237	186	164	155	112	88	69
20	93	114	168	165	214	243	185	165	152	109	87	67
21	93	114	162	157	211	216	180	162	148	106	87	64
22	93	143	157	154	281	205	264	158	145	104	83	64
23	93	121	156	161	218	193	296	152	143	126	79	64
24	95	113	156	241	200	187	246	150	138	270	78	337
25	93	110	163	471	191	187	209	156	138	198	78	449
26	93	154	152	299	187	238	195	190	145	151	78	188
27	95	133	148	239	199	211	221	161	180	130	77	139
28	97	119	146	260	456	206	486	163	227	138	77	123
29	95	113	152	245	---	303	705	158	162	161	75	238
30	93	121	157	214	---	245	398	172	147	235	73	140
31	92	---	146	199	---	218	---	171	---	189	72	---
TOTAL	3211	3687	8212	6413	6747	8142	7620	6483	5740	4443	2980	3309
MEAN	104	123	265	207	241	263	254	209	191	143	96.1	110
MAX	150	267	1800	471	641	666	705	482	446	270	150	449
MIN	92	91	146	135	170	187	180	150	138	104	72	64
CFSM	.89	1.06	2.28	1.78	2.08	2.26	2.19	1.80	1.65	1.24	.83	.95
IN.	1.03	1.18	2.63	2.06	2.16	2.61	2.44	2.08	1.84	1.42	.96	1.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1997, BY WATER YEAR (WY)

MEAN	177	168	205	256	272	297	266	209	180	156	170	145
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
02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1930 - 1997	
ANNUAL TOTAL	77195		66987			
ANNUAL MEAN	211		184		209	
HIGHEST ANNUAL MEAN					340	1937
LOWEST ANNUAL MEAN					101	1988
HIGHEST DAILY MEAN	2120	Jan 27	1800	Dec 2	8110	Oct 5 1964
LOWEST DAILY MEAN	91	Nov 1	64	** Sep 21	27	Aug 27 1988
ANNUAL SEVEN-DAY MINIMUM	93	Oct 20	67	Sep 17	29	Oct 3 1954
INSTANTANEOUS PEAK FLOW			2580	Dec 2	* 12500	Aug 14 1940
INSTANTANEOUS PEAK STAGE			10.33	Dec 2	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			64	***Sep 21	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	1.82		1.58		1.80	
ANNUAL RUNOFF (INCHES)	24.76		21.48		24.44	
10 PERCENT EXCEEDS	305		280		339	
50 PERCENT EXCEEDS	166		162		158	
90 PERCENT EXCEEDS	99		92		83	

* 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 Sept. 22 - 24.

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, Dec. 1 - 4, Jan. 28, 30, 31, Feb. 1, 2, June 30, July 1, 22, 23 which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	50	1170	66	93	465	91	146	112	61	54	30
2	63	59	490	66	89	222	88	124	159	57	50	30
3	60	54	199	65	86	182	86	388	110	53	48	30
4	56	52	138	63	100	152	85	208	91	50	47	29
5	54	51	115	82	110	137	83	146	84	48	46	28
6	53	51	107	74	96	152	112	127	79	47	45	28
7	54	56	106	67	90	126	112	114	77	46	44	28
8	62	199	97	66	101	119	91	106	75	46	44	27
9	56	106	88	285	92	113	86	104	74	51	43	28
10	54	75	83	170	90	110	82	96	71	61	43	51
11	54	66	80	118	88	105	81	92	69	166	42	52
12	52	62	85	99	84	100	157	90	71	74	42	39
13	51	60	124	90	99	99	132	87	97	60	41	35
14	50	58	91	84	168	141	103	84	84	55	40	35
15	50	56	85	81	531	114	95	84	94	52	39	34
16	49	55	80	129	211	102	91	80	74	49	39	33
17	50	54	86	95	147	98	87	79	73	50	38	32
18	50	60	82	86	125	96	84	78	69	51	37	32
19	50	67	93	83	114	105	84	75	65	47	35	31
20	49	59	81	80	107	103	83	78	63	46	35	30
21	50	63	77	79	110	96	81	77	60	45	34	29
22	50	70	74	78	120	92	141	72	59	45	32	29
23	51	60	73	80	102	88	134	70	57	108	32	30
24	51	58	74	184	96	86	107	69	56	275	32	202
25	50	57	72	252	94	88	95	78	56	141	32	132
26	49	86	69	141	93	94	90	79	57	78	32	73
27	51	66	69	116	100	87	106	78	91	66	33	55
28	51	62	68	126	414	100	314	75	84	60	31	77
29	51	60	74	112	---	138	454	72	67	55	31	78
30	51	71	71	104	---	106	190	80	62	71	30	53
31	51	---	68	97	---	97	---	77	---	62	30	---
TOTAL	1642	2003	4269	3318	3750	3913	3625	3213	2340	2176	1201	1420
MEAN	53.0	66.8	138	107	134	126	121	104	78.0	70.2	38.7	47.3
MAX	69	199	1170	285	531	465	454	388	159	275	54	202
MIN	49	50	68	63	84	86	81	69	56	45	30	27
CFSM	.96	1.21	2.49	1.93	2.42	2.28	2.18	1.87	1.41	1.27	.70	.85
IN.	1.10	1.34	2.87	2.23	2.52	2.63	2.43	2.16	1.57	1.46	.81	.95
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)												
MEAN	98.9	102	104	150	142	156	117	101	82.0	78.5	95.2	64.4
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	41.0
(WY)	1994	1994	1994	1992	1989	1989	1989	1994	1990	1990	1997	1993

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1989 - 1997
ANNUAL TOTAL	39159	32870	
ANNUAL MEAN	107	90.1	111
HIGHEST ANNUAL MEAN			157
LOWEST ANNUAL MEAN			84.0
HIGHEST DAILY MEAN	1460	1170	3500
LOWEST DAILY MEAN	37	27	25
ANNUAL SEVEN-DAY MINIMUM	40	28	26
INSTANTANEOUS PEAK FLOW		1820	5170
INSTANTANEOUS PEAK STAGE		9.02	11.33
ANNUAL RUNOFF (CFSM)	1.93	1.63	2.00
ANNUAL RUNOFF (INCHES)	26.29	22.07	27.17
10 PERCENT EXCEEDS	164	137	171
50 PERCENT EXCEEDS	79	77	77
90 PERCENT EXCEEDS	50	39	44

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

** Also occurred July 14.

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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, 815.48 ft, Mar. 1; minimum elevation, 811.24 ft, Oct. 27.

EXTREMES FOR 1996 WATER YEAR.--Maximum elevation, 815.80 ft, Feb. 3; minimum elevation, 811.02 ft, Jan. 18.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814.71	813.32	813.78	812.07	814.96	814.21	815.19	815.15	815.07	814.83	814.83	814.70
2	814.71	813.48	813.68	812.13	815.56	814.18	815.12	815.13	815.06	814.80	814.94	814.65
3	814.61	813.46	813.58	812.08	815.53	814.14	815.07	815.11	815.05	814.75	814.95	814.60
4	815.18	813.38	813.48	811.98	815.19	814.05	815.02	815.10	815.09	814.71	814.97	814.62
5	815.55	813.28	813.34	811.86	815.06	813.97	814.98	815.10	815.08	814.67	815.17	814.48
6	815.23	813.20	813.18	811.82	814.99	814.35	814.95	815.09	815.06	814.65	815.13	814.31
7	815.05	813.84	813.08	811.82	814.94	814.98	814.90	815.09	815.05	814.63	815.10	814.20
8	814.90	814.30	812.93	811.72	814.92	815.05	814.86	815.10	815.15	814.63	815.08	814.11
9	814.73	---	812.86	811.62	814.88	815.03	814.84	815.09	815.15	814.61	---	814.02
10	---	---	812.68	811.52	814.86	814.98	814.90	815.08	815.10	814.57	---	813.90
11	---	---	812.50	811.44	814.82	814.98	814.98	815.08	815.07	814.53	815.07	813.89
12	---	---	812.32	811.36	814.75	814.94	815.04	815.05	815.06	814.50	815.39	813.87
13	---	---	812.14	811.28	814.69	814.91	815.11	815.05	815.05	814.47	815.31	813.76
14	---	---	811.96	811.20	814.62	814.87	815.12	815.05	815.12	814.51	815.22	813.65
15	---	---	811.84	811.15	814.57	814.85	815.13	815.07	815.13	814.71	815.15	813.53
16	814.91	---	811.86	811.10	814.51	814.85	815.09	815.08	815.10	814.74	815.11	813.79
17	814.85	---	811.84	811.03	814.45	814.88	815.09	815.07	815.07	814.74	815.09	813.95
18	---	---	811.90	811.11	814.38	814.91	815.10	815.07	815.05	814.75	815.07	813.91
19	---	---	812.06	811.92	814.30	815.38	815.11	815.06	815.04	814.74	815.06	813.83
20	---	---	812.12	812.09	814.54	815.21	815.19	815.05	815.04	814.71	815.05	813.75
21	---	---	812.12	812.11	814.57	815.10	815.17	815.05	815.03	814.70	815.04	813.68
22	---	---	812.12	812.11	814.56	815.04	815.14	815.04	815.02	814.67	815.03	813.59
23	814.24	---	812.12	812.08	814.54	814.99	815.12	815.03	815.00	814.67	815.03	813.48
24	814.14	---	812.12	812.10	814.47	814.95	815.11	815.03	814.98	814.64	815.11	813.38
25	814.03	---	812.10	812.08	814.45	814.95	815.09	815.13	814.96	814.69	815.09	813.26
26	813.92	---	812.08	812.17	814.42	814.93	815.23	815.19	814.93	814.69	815.10	813.15
27	813.86	---	812.06	814.95	814.36	814.92	815.17	815.21	814.91	814.67	815.03	813.00
28	813.74	814.06	812.06	815.18	814.30	815.11	815.14	815.18	814.90	814.66	814.99	812.87
29	813.62	813.98	812.06	815.12	814.25	815.10	815.20	815.19	814.88	814.65	814.93	812.69
30	813.50	813.88	812.04	815.07	---	815.06	815.19	815.14	814.85	814.64	814.86	812.60
31	813.42	---	812.04	815.01	---	815.11	---	815.10	---	814.67	814.78	---
MAX	815.55	814.30	813.78	815.18	815.56	815.38	815.23	815.21	815.15	814.83	815.39	814.70
MIN	813.42	813.20	811.84	811.03	814.25	813.97	814.84	815.03	814.85	814.47	814.78	812.60

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP
(+)	6.54	6.75	5.92	7.31	6.93	7.36	7.40	7.35	7.23	7.14	7.19	6.17
(*)		+10.8	-41.4	+69.4	-20.3	+21.5	+2.06	-2.50	-6.19	-4.49	+2.50	-52.6
(*) CALENDAR YEAR												
(*) WATER YEAR 1997												
(+) -- CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.												
(*) -- CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.												

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813.53	811.36	814.05	812.30	813.09	815.39	814.94	815.15	814.48	815.01	815.02	813.38
2	812.45	811.39	814.73	812.18	813.12	815.23	814.92	815.12	814.75	815.00	814.99	813.32
3	812.37	811.38	814.80	812.05	813.15	815.16	814.90	815.40	814.76	814.98	814.97	813.26
4	812.25	811.38	814.78	811.92	813.27	815.09	814.89	815.25	814.75	814.94	814.95	813.19
5	812.13	811.38	814.75	811.86	813.37	815.06	814.87	815.18	814.73	814.92	814.92	813.14
6	812.01	811.39	814.68	811.75	813.38	815.02	815.01	815.11	814.69	814.89	814.90	813.08
7	811.94	811.40	814.66	811.61	813.39	814.97	815.01	815.08	814.66	814.86	814.87	813.02
8	811.87	811.79	814.58	811.51	813.45	814.92	815.00	815.06	814.63	814.84	814.84	812.97
9	811.78	811.89	814.48	811.92	813.45	814.87	814.96	815.02	814.59	814.83	814.81	812.92
10	811.67	811.92	814.37	812.02	813.46	814.82	814.93	814.99	814.55	815.30	814.79	812.99
11	811.57	811.95	814.28	811.98	813.46	814.79	814.91	814.98	814.53	815.29	814.77	812.99
12	811.46	811.96	814.24	811.91	813.46	814.79	815.05	814.96	814.68	815.16	814.74	812.96
13	811.35	811.98	814.22	811.89	813.57	814.72	815.05	814.95	814.76	815.09	814.70	812.92
14	811.32	811.97	814.14	811.89	813.84	814.75	815.04	814.92	814.85	815.05	814.67	812.90
15	811.34	811.99	814.05	811.89	814.53	814.76	815.02	814.88	814.91	815.02	814.64	812.85
16	811.35	811.99	813.94	812.02	814.73	814.77	815.00	814.84	814.94	814.99	814.62	812.81
17	811.35	812.00	813.88	812.03	814.82	814.78	814.94	814.81	814.97	815.08	814.58	812.78
18	811.36	812.11	813.83	812.03	814.87	814.78	814.92	814.78	814.98	815.04	814.52	812.74
19	811.34	812.15	813.76	812.00	814.92	814.83	814.90	814.75	814.98	814.99	814.48	812.70
20	811.32	812.16	813.65	812.00	814.94	814.86	814.88	814.74	814.97	814.93	814.43	812.66
21	811.32	812.22	813.54	811.98	815.01	814.87	814.89	814.70	814.97	814.90	814.37	812.59
22	811.32	812.18	813.43	811.97	815.03	814.85	815.01	814.65	814.96	814.78	814.31	812.54
23	811.32	812.13	813.33	811.96	815.02	814.84	815.08	814.60	814.96	814.86	814.25	812.50
24	811.31	812.07	813.23	812.23	815.01	814.83	815.06	814.55	814.96	815.16	814.20	812.93
25	811.32	812.07	813.12	812.57	814.95	814.83	815.03	814.54	814.94	815.19	814.15	813.11
26	811.31	812.08	812.98	812.65	814.88	814.83	815.01	814.52	814.94	815.12	814.10	813.15
27	811.33	812.04	812.87	812.71	814.89	814.83	815.09	814.50	815.01	815.08	814.03	813.15
28	811.34	811.99	812.75	812.83	815.36	814.89	815.38	814.46	815.04	815.08	813.88	813.25
29	811.34	811.94	812.65	812.91	---	814.99	815.39	814.44	815.02	815.04	813.72	813.30
30	811.35	812.01	812.54	812.99	---	815.00	815.25	814.42	815.02	815.06	813.57	813.30
31	811.35	---	812.42	813.05	---	814.95	---	814.45	---	815.03	813.46	---
MAX	813.53	812.22	814.80	813.05	815.36	815.39	815.39	815.40	815.04	815.30	815.02	813.38
MIN	811.31	811.36	812.42	811.51	813.09	814.72	814.87	814.42	814.48	814.78	813.46	812.55

[illegible]

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MEAN	288	273	346	411	446	490	444	343	287	249	268	228
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 1996 CALENDAR YEAR			FOR 1997 WATER YEAR			WATER YEARS 1930 - 1997		
ANNUAL TOTAL	120605			90485			340		
ANNUAL MEAN	330			248			535		1937
HIGHEST ANNUAL MEAN							140		1988
LOWEST ANNUAL MEAN							13500		Aug 14 1940
HIGHEST DAILY MEAN	3050	Feb	3	2200	Dec	2	32	* Oct	6 1954
LOWEST DAILY MEAN	106 ***	Jul	5	70	Sep	9	35	Oct	4 1954
ANNUAL SEVEN-DAY MINIMUM	110	Jul	8	73	Sep	3	22800	Aug	14 1940
INSTANTANEOUS PEAK FLOW				2880	Dec	2	22.43	Aug	14 1940
INSTANTANEOUS PEAK STAGE				****5.37	Dec	2	1.60		
ANNUAL RUNOFF (CFSM)	1.55			1.17			21.78		
ANNUAL RUNOFF (INCHES)	21.16			15.88					
10 PERCENT EXCEEDS	557			400			571		
50 PERCENT EXCEEDS	252			229			253		
90 PERCENT EXCEEDS	116			90			117		

* Also occurred on Oct. 7, 1954.

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

*** Also occurred on July 12, 14.

**** From maximum indicator.

SANTEE RIVER BASIN
021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC

131

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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	342	72	1510	300	301	1960	352	632	356	194	271	159
2	299	72	2520	310	287	1230	318	538	537	190	230	159
3	280	71	933	321	274	882	311	905	548	186	193	157
4	256	73	508	317	321	647	308	892	373	183	183	149
5	244	147	427	333	420	520	307	637	321	183	178	147
6	239	189	403	325	356	543	339	547	307	183	177	147
7	243	186	397	293	313	520	445	462	295	183	177	147
8	270	263	391	292	321	464	373	409	279	182	177	147
9	278	456	378	554	315	422	348	400	264	180	177	147
10	276	334	365	662	309	408	314	359	253	180	177	147
11	266	233	352	460	315	408	306	333	249	341	177	147
12	246	204	336	387	304	406	382	326	235	496	177	147
13	237	195	423	368	328	447	542	314	262	291	176	147
14	229	191	389	378	452	630	388	294	263	230	174	147
15	221	188	350	350	1190	529	343	285	345	193	174	147
16	220	186	333	376	820	375	315	273	305	188	174	147
17	218	183	336	357	482	342	320	268	271	187	173	147
18	215	184	343	312	391	331	304	268	254	184	170	145
19	208	190	375	279	364	338	320	266	245	183	168	88
20	207	193	372	277	351	356	338	265	233	182	168	51
21	206	198	351	271	348	333	327	264	223	180	168	51
22	203	254	349	266	488	325	361	259	208	180	168	51
23	203	269	351	274	398	309	417	255	196	283	168	75
24	203	257	355	344	346	312	401	251	191	576	166	103
25	203	239	351	716	332	315	359	253	188	302	165	113
26	203	291	346	540	329	353	337	293	186	232	165	118
27	203	280	289	419	347	376	358	289	192	200	165	121
28	203	273	282	383	1040	349	672	279	246	196	163	122
29	124	265	305	386	---	419	1500	264	225	215	162	123
30	71	270	315	337	---	425	1010	263	203	251	162	125
31	72	---	307	314	---	394	---	286	---	326	160	---
TOTAL	6888	6406	15042	11501	11842	15668	12715	11629	8253	7260	5483	3821
MEAN	222	214	485	371	423	505	424	375	275	234	177	127
MAX	342	456	2520	716	1190	1960	1500	905	548	576	271	159
MIN	71	71	282	266	274	309	304	251	186	180	160	51
CFSM	.81	.78	1.78	1.36	1.55	1.85	1.55	1.37	1.01	.86	.65	.47
IN.	.94	.87	2.05	1.57	1.61	2.13	1.73	1.58	1.12	.99	.75	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1997, BY WATER YEAR (WY)

	1994	1995	1996	1997
MEAN	433	334	429	601
MAX	652	617	549	982
(WY)	1996	1995	1995	1996
MIN	222	170	253	326
(WY)	1997	1994	1994	1997

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

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1994 - 1997	
ANNUAL TOTAL	150848		116508			
ANNUAL MEAN	412		319		440	
HIGHEST ANNUAL MEAN					524	1995
LOWEST ANNUAL MEAN					319	1997
HIGHEST DAILY MEAN	3850	Feb 3	2520	Dec 2	11000	Aug 28 1995
LOWEST DAILY MEAN	71	Oct 30	51	***Sep 20	***51	Sep 20 1997
ANNUAL SEVEN-DAY MINIMUM	79	Oct 29	76	Sep 19	76	Sep 19 1997
INSTANTANEOUS PEAK FLOW			2930	Dec 2	*12000	Aug 28 1995
INSTANTANEOUS PEAK STAGE			6.69	Dec 2	**17.10	Aug 28 1995
ANNUAL RUNOFF (CFSM)	1.51		1.17		1.61	
ANNUAL RUNOFF (INCHES)	20.56		15.88		21.89	
10 PERCENT EXCEEDS	640		471		628	
50 PERCENT EXCEEDS	319		283		327	
90 PERCENT EXCEEDS	192		158		177	

* On basis of computation of peak flow over dam.

** From floodmark.

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

SANTEE RIVER BASIN
02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

133

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.--Records good except for estimated daily discharges, Apr. 28, 29, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	6.5	131	6.6	7.7	28	7.7	9.5	8.9	4.8	5.1	2.9
2	5.8	7.4	17	6.5	7.5	14	7.4	8.4	27	4.6	4.7	2.9
3	5.6	6.2	11	6.2	7.3	17	7.5	63	12	4.6	4.6	2.9
4	5.2	6.1	9.4	6.1	9.5	13	7.0	13	8.0	4.4	4.4	2.9
5	5.2	6.2	9.4	7.9	11	13	7.0	9.6	7.4	4.3	4.3	3.4
6	5.2	6.1	8.9	6.7	8.4	13	12	8.7	7.0	4.2	4.2	3.0
7	5.6	6.2	11	6.4	8.0	10	9.8	8.4	6.9	4.0	4.2	2.8
8	6.9	16	9.2	6.6	10	9.9	8.2	8.4	6.7	4.0	4.0	2.7
9	5.7	8.4	8.3	25	8.3	9.6	8.0	8.3	6.6	7.1	4.0	2.7
10	5.6	7.4	8.1	11	8.2	9.4	7.8	8.0	6.2	6.4	4.1	4.2
11	5.5	7.2	8.2	9.2	7.7	8.9	7.6	8.0	5.6	35	4.0	3.3
12	5.2	6.9	10	8.1	7.5	8.4	9.4	7.6	8.4	6.4	3.7	2.9
13	5.2	7.0	11	7.7	14	8.5	8.0	7.2	10	5.5	3.7	2.7
14	5.2	7.1	9.0	7.4	22	12	7.6	7.0	8.2	5.2	3.7	2.6
15	4.9	6.9	8.5	7.3	32	9.1	7.4	6.8	6.9	4.9	3.7	2.6
16	4.8	6.9	8.2	13	12	8.6	7.3	6.5	6.6	4.7	3.7	2.4
17	4.7	7.0	8.6	8.5	11	8.3	7.1	6.6	6.1	4.5	3.6	2.4
18	4.9	9.1	8.4	7.9	9.5	8.3	7.1	6.3	5.9	4.5	3.5	2.5
19	5.6	8.2	10	7.8	9.1	9.0	7.0	6.1	5.6	4.3	3.4	2.5
20	5.9	7.2	8.4	7.6	8.8	8.7	7.0	7.0	5.3	4.1	3.4	2.5
21	6.2	8.0	8.2	7.5	10	8.4	7.0	6.6	5.5	4.0	3.4	2.4
22	6.2	7.4	7.4	7.5	9.5	8.3	8.6	6.1	5.4	3.9	3.3	2.5
23	6.3	6.9	7.5	7.4	8.3	8.2	9.0	5.7	5.0	19	3.2	2.5
24	6.1	6.7	7.6	20	8.0	8.2	7.7	5.6	4.8	18	3.2	9.9
25	6.2	6.7	7.3	18	7.7	8.3	7.4	6.5	4.7	9.1	3.1	9.1
26	6.2	12	7.2	11	7.6	9.5	7.2	6.2	4.7	6.7	3.1	5.5
27	6.5	7.6	7.2	9.7	10	8.6	8.8	7.2	6.6	6.0	3.1	4.9
28	6.6	7.5	7.1	10	112	10	11	6.5	5.7	5.7	3.2	7.8
29	6.7	7.4	7.4	8.7	---	9.8	12	6.2	5.1	5.4	3.1	6.0
30	6.6	9.4	7.0	8.4	---	8.8	11	6.4	4.8	6.1	3.0	4.9
31	6.6	---	6.8	8.1	---	8.5	---	6.5	---	5.9	3.0	---
TOTAL	179.2	229.6	394.3	289.8	392.6	323.3	247.6	283.9	217.6	217.3	114.7	112.3
MEAN	5.78	7.65	12.7	9.35	14.0	10.4	8.25	9.16	7.25	7.01	3.70	3.74
MAX	6.9	16	131	25	112	28	12	63	27	35	5.1	9.9
MIN	4.7	6.1	6.8	6.1	7.3	8.2	7.0	5.6	4.7	3.9	3.0	2.4
CFSM	.89	1.18	1.97	1.45	2.17	1.61	1.28	1.42	1.12	1.09	.57	.58
IN.	1.03	1.32	2.27	1.67	2.26	1.86	1.43	1.63	1.25	1.25	.66	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1997, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	8.36	9.42	10.1	12.2	13.0	14.0	10.2	9.63	7.98	6.36	7.92	5.42
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

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

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1980 - 1997	
ANNUAL TOTAL	3687.0		3002.2			
ANNUAL MEAN	10.1		8.23		9.54	
HIGHEST ANNUAL MEAN					15.2	1993
LOWEST ANNUAL MEAN					5.69	1988
HIGHEST DAILY MEAN	156	Jan 27	131	Dec 1	370	Aug 27 1995
LOWEST DAILY MEAN	3.4	Jul 22	2.4	*Sep 16	.98	Aug 2 1986
ANNUAL SEVEN-DAY MINIMUM	3.8	Jul 18	2.5	Sep 16	1.2	Jul 27 1986
INSTANTANEOUS PEAK FLOW			309	Feb 28	563	Aug 17 1994
INSTANTANEOUS PEAK STAGE			5.68	Feb 28	7.86	May 23 1980
INSTANTANEOUS LOW FLOW			2.1	**Sep 23	.98	Aug 1 1986
ANNUAL RUNOFF (CFSM)	1.56		1.27		1.48	
ANNUAL RUNOFF (INCHES)	21.23		17.29		20.06	
10 PERCENT EXCEEDS	13		11		14	
50 PERCENT EXCEEDS	7.6		7.1		7.2	
90 PERCENT EXCEEDS	4.9		3.6		3.6	

* Also occurred on Sept. 17, 21.

** Also occurred on Sept. 24.

SANTEE RIVER BASIN
02156301 LAWSONS FORK CREEK AT TREATMENT PLANT AT SPARTANBURG, SC

135

LOCATION.--Lat 34°56'38", long 81°51'33", Spartanburg County, Hydrologic Unit 03050105, on upstream side of footbridge, 40 ft downstream of effluent from Spartanburg Sewage Treatment Plant, 0.9 mi downstream from bridge on County Road 748, and 4.0 mi east of Spartanburg U.S. Post Office.

DRAINAGE AREA.--75.6 mi².

PERIOD OF RECORD.--May 1989 to September 1997 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 610 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 2 - 15, Nov. 4, 5, June 3, 4, 21 - 25, July 24, 25, Aug. 2 - 4, 12, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	145	61	929	88	111	1050	108	201	282	79	105	43
2	87	76	482	88	106	410	106	177	153	77	88	44
3	80	68	212	88	103	309	105	564	160	73	85	44
4	75	67	148	86	152	282	105	296	117	70	83	43
5	70	71	133	108	171	243	102	176	107	68	89	42
6	65	69	130	96	133	298	145	149	101	66	114	42
7	85	74	137	88	120	217	150	133	100	65	78	41
8	150	304	127	86	160	198	114	125	99	65	73	40
9	87	138	113	479	128	185	105	122	96	79	70	40
10	82	91	103	242	123	178	100	115	94	204	69	68
11	73	82	99	164	119	170	99	108	91	1290	41	86
12	65	78	129	136	112	162	156	106	95	256	61	50
13	65	77	196	123	238	161	124	104	176	153	63	46
14	65	82	123	111	363	297	105	100	228	122	61	45
15	69	93	109	105	636	184	101	98	221	108	60	45
16	66	75	103	217	250	158	99	92	107	123	89	44
17	65	72	112	131	184	149	98	89	100	105	42	44
18	74	91	112	112	156	121	97	85	91	100	43	45
19	66	109	151	105	144	156	94	85	87	90	51	44
20	65	86	111	103	142	155	95	101	82	83	51	42
21	65	99	101	102	159	137	95	94	75	80	51	40
22	64	98	98	102	157	130	172	83	76	79	47	39
23	64	82	96	108	128	121	194	81	76	504	76	39
24	64	77	96	267	123	116	129	78	77	510	31	179
25	65	77	92	394	121	116	107	103	78	210	38	225
26	64	194	88	188	123	142	101	101	76	141	46	110
27	65	105	88	151	141	123	135	96	136	118	46	45
28	67	90	88	149	748	135	419	88	124	207	50	74
29	67	84	96	129	---	175	409	85	91	189	46	78
30	67	92	91	123	---	124	246	92	81	137	44	63
31	58	---	89	123	---	115	---	92	---	138	43	---
TOTAL	2309	2862	4782	4592	5351	6517	4215	4019	3477	5589	1934	1830
MEAN	74.5	95.4	154	148	191	210	141	130	116	180	62.4	61.0
MAX	150	304	929	479	748	1050	419	564	282	1290	114	225
MIN	58	61	88	86	103	115	94	78	75	65	31	39
CFSM	.99	1.26	2.04	1.96	2.53	2.78	1.86	1.71	1.53	2.38	.83	.81
IN.	1.14	1.41	2.35	2.26	2.63	3.21	2.07	1.98	1.71	2.75	.95	.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	132	128	131	185	182	211	156	124	112	97.8	114	76.2
MAX	232	285	204	325	253	383	270	245	159	180	246	101
(WY)	1993	1993	1993	1993	1990	1993	1991	1991	1994	1997	1994	1995
MIN	48.2	67.1	83.6	93.5	108	139	98.4	66.0	62.0	64.6	53.3	52.6
(WY)	1994	1992	1992	1992	1991	1992	1995	1994	1990	1996	1993	1993

SANTEE RIVER BASIN
02156301 LAWSONS FORK CREEK AT TREATMENT PLANT AT SPARTANBURG, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1989 - 1997	
ANNUAL TOTAL	50205		47477			
ANNUAL MEAN	137		130		138	
HIGHEST ANNUAL MEAN					189	1993
LOWEST ANNUAL MEAN					98.0	1992
HIGHEST DAILY MEAN	1220	Jan 27	1290	Jul 11	2000	Aug 27 1995
LOWEST DAILY MEAN	52	* Jul 21	31	Aug 24	31	Aug 24 1997
ANNUAL SEVEN-DAY MINIMUM	56	Jul 18	42	Sep 3	36	Sep 14 1989
INSTANTANEOUS PEAK FLOW			1640	Jul 11	2360	Oct 12 1990
INSTANTANEOUS PEAK STAGE			10.53	Jul 11	12.51	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.81		1.72		1.82	
ANNUAL RUNOFF (INCHES)	24.70		23.36		24.77	
10 PERCENT EXCEEDS	212		208		221	
50 PERCENT EXCEEDS	105		100		96	
90 PERCENT EXCEEDS	65		51		58	

* Also occurred on July 22.

SANTEE RIVER BASIN
02156409 BROAD RIVER NEAR LOCKHART, SC

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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 good except for estimated daily discharges, Nov. 11, Apr. 2, 3, June 18, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8320	1610	2680	2810	3790	23100	4160	7680	3020	2690	2700	1120
2	3250	1800	17600	2710	3130	17500	3900	5780	4000	2710	1950	1280
3	2410	1950	13200	2360	3170	9360	3760	5280	5720	2640	1790	1040
4	2290	2150	6500	2820	3490	7230	3600	9110	5510	2440	1640	1140
5	1790	1750	5020	2630	5230	6410	3590	6580	3970	2190	1140	1110
6	1520	1970	3900	2910	5690	6210	3600	4990	3160	2190	1770	1050
7	1450	2030	3720	3220	4770	5690	3860	4550	3210	1780	1800	1070
8	3040	2120	3550	2810	4560	5030	4870	4280	3070	1400	2290	1040
9	2660	4190	3640	5000	4920	4570	4350	3930	2790	1750	1990	996
10	2080	4030	3210	9020	4360	4250	3790	4070	2600	1480	2140	769
11	1470	2450	3200	5910	4040	4000	3500	4010	2680	1930	1950	1270
12	1340	2340	2880	4310	3640	4430	3380	3550	2600	3800	1800	1960
13	1740	1170	4710	3880	3870	4240	4210	3380	2880	3000	1480	1890
14	1420	1930	4860	3430	9490	5150	4590	3290	3130	2540	1930	1690
15	1920	1770	4110	3200	13700	8000	3660	3740	5200	2120	1880	1200
16	1560	1910	3630	3900	14800	6910	3640	3340	5470	1760	1960	1090
17	1810	2010	2710	4570	8010	5510	3340	3130	3880	2420	2080	968
18	1840	2210	3250	4290	5960	4570	3270	3520	2910	2360	2190	1040
19	1100	2330	3620	3630	5100	4670	2870	3200	2510	2200	1230	1200
20	1290	2300	3770	3550	4690	6370	3070	2880	2560	2040	1250	1320
21	1700	2370	3470	3580	4560	7000	3050	3190	2410	2300	1550	1340
22	1530	2570	3320	3310	4480	5710	3280	2970	2650	2010	2170	1050
23	1160	2260	2900	3510	4870	5080	4210	2770	2490	2070	1540	750
24	1610	1940	3020	3520	4360	4380	7660	2940	2320	4970	1420	1050
25	1300	1650	3010	6030	3900	4170	5640	2670	2500	4010	1360	3410
26	1500	2090	2950	6920	4040	4290	4460	3070	2110	2590	1530	4370
27	1750	2300	3030	5030	3830	4800	3960	3600	2330	2730	1500	2050
28	1710	2340	2920	4490	7370	5300	8530	2860	3320	1710	1310	1970
29	1970	2100	2730	4160	---	4930	18400	3040	2690	1780	1050	1500
30	1670	2230	2810	4240	---	5330	14600	2910	2610	2230	1150	2060
31	1810	---	2800	4050	---	4570	---	2920	---	2550	1210	---
TOTAL	62010	65870	132720	125800	153820	198760	148800	123230	96300	74390	52750	43793
MEAN	2000	2196	4281	4058	5494	6412	4960	3975	3210	2400	1702	1460
MAX	8320	4190	17600	9020	14800	23100	18400	9110	5720	4970	2700	4370
MIN	1100	1170	2680	2360	3130	4000	2870	2670	2110	1400	1050	750
CFSM	.74	.81	1.57	1.49	2.02	2.36	1.82	1.46	1.18	.88	.63	.54
IN.	.85	.90	1.82	1.72	2.10	2.72	2.04	1.69	1.32	1.02	.72	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1997, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997
MEAN	3339	4014	3801	6618	6113
MAX	5338	8018	5731	9537	7895
(WY)	1993	1993	1993	1993	1993
MIN	1579	1742	2037	3461	3980
(WY)	1994	1994	1994	1994	1995

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1993 - 1997
ANNUAL TOTAL	1481660	1278243	
ANNUAL MEAN	4048	3502	4192
HIGHEST ANNUAL MEAN			5569
LOWEST ANNUAL MEAN			3268
HIGHEST DAILY MEAN	34100	23100	57600
LOWEST DAILY MEAN	1100	750	750
ANNUAL SEVEN-DAY MINIMUM	1380	1030	1030
INSTANTANEOUS PEAK FLOW		25300	*59300
INSTANTANEOUS PEAK STAGE		16.77	25.41
INSTANTANEOUS LOW FLOW		622	555
ANNUAL RUNOFF (CFSM)	1.49	1.29	1.54
ANNUAL RUNOFF (INCHES)	20.26	17.48	20.94
10 PERCENT EXCEEDS	6730	5660	7260
50 PERCENT EXCEEDS	3080	2950	3000
90 PERCENT EXCEEDS	1790	1410	1690

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 336.17 ft, Mar. 1; minimum gage height, unknown, July 7 - 14.

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	332.25	332.59	334.43	332.12	331.84	336.05	331.69	333.08	333.78	333.04	331.21	330.88
2	332.82	333.48	335.29	332.69	331.68	334.60	333.46	332.61	334.09	333.09	331.57	331.64
3	332.69	332.64	332.99	332.05	332.56	333.63	333.03	333.11	334.28	333.73	330.90	330.36
4	332.81	333.21	332.91	332.16	332.29	333.18	333.56	333.70	333.52	332.99	329.67	330.04
5	331.69	332.68	332.42	331.95	334.21	333.01	332.86	332.73	332.24	333.00	330.28	330.58
6	330.85	333.29	332.16	333.01	333.89	333.00	333.47	332.40	332.79	332.22	333.32	330.41
7	332.14	331.74	331.89	332.54	333.41	332.60	333.48	332.19	333.62	---	332.64	330.58
8	332.65	333.68	332.28	332.70	333.90	332.39	333.74	332.08	333.83	---	333.21	330.38
9	332.41	334.23	331.72	334.48	332.55	332.11	333.22	333.69	333.29	---	332.34	329.97
10	331.23	333.07	332.24	334.12	333.14	331.46	332.70	332.95	332.39	---	333.11	329.07
11	331.23	333.57	331.99	331.95	332.43	333.30	332.68	332.64	332.01	---	332.10	331.63
12	332.47	331.54	332.86	331.92	332.45	333.47	333.05	332.89	332.18	---	331.89	332.26
13	331.88	331.98	333.83	332.67	333.86	333.27	333.38	332.70	333.71	---	332.68	332.84
14	332.38	333.26	332.51	332.10	334.55	334.24	333.57	333.41	332.71	---	332.96	329.04
15	332.90	332.72	333.44	331.62	335.10	334.30	332.84	332.24	334.00	332.10	333.01	330.59
16	333.20	332.51	332.50	333.49	334.29	333.87	331.89	332.92	332.98	333.06	333.14	330.28
17	332.39	332.91	333.38	333.31	333.03	332.75	333.68	333.98	332.28	333.10	333.32	329.89
18	331.63	333.05	331.96	332.70	332.67	333.06	331.52	332.87	331.74	332.62	332.39	330.40
19	331.86	333.13	332.73	332.49	332.32	333.79	333.37	332.66	332.52	333.04	331.89	331.31
20	332.36	333.33	331.75	333.00	333.46	334.35	332.89	333.22	332.86	333.11	331.65	331.52
21	331.70	333.16	333.38	332.90	333.69	333.86	332.32	332.64	333.04	332.80	332.91	331.35
22	332.90	332.33	332.33	333.41	333.05	333.30	333.21	332.23	333.07	332.12	332.85	329.74
23	331.82	333.09	333.37	333.44	333.73	332.69	333.93	333.28	332.05	333.16	332.18	328.87
24	331.95	332.27	332.16	331.83	332.60	332.21	334.06	332.98	332.70	334.21	331.64	330.83
25	332.13	331.94	332.69	334.32	332.97	332.43	332.97	332.81	331.95	331.22	332.19	332.92
26	332.48	332.78	332.57	333.74	332.46	332.49	332.49	333.67	332.61	332.08	332.57	332.71
27	332.93	333.06	332.56	333.34	332.74	334.08	333.21	332.46	333.34	331.22	331.92	330.17
28	333.17	331.80	332.48	332.52	334.85	333.33	334.57	332.53	332.30	330.23	331.52	332.72
29	333.45	333.27	332.94	332.42	---	333.44	335.52	333.14	332.23	331.15	331.00	331.23
30	333.30	332.61	332.55	332.76	---	333.08	334.00	333.49	333.44	330.51	331.37	333.46
31	332.47	---	332.50	332.95	---	332.16	---	331.35	---	331.77	331.44	---
MEAN	332.33	332.83	332.74	332.80	333.20	333.27	333.21	332.86	332.92	332.42	332.09	330.92
MAX	333.45	334.23	335.29	334.48	335.10	336.05	335.52	333.98	334.28	334.21	333.32	333.46
MIN	330.85	331.54	331.72	331.62	331.68	331.46	331.52	331.35	331.74	330.23	329.67	328.87

[illegible]

**SANTEE RIVER BASIN
02156500 BROAD RIVER NEAR CARLISLE, SC**

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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.--Records good except for estimated daily discharges, Apr. 24, 25, which are fair. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10200	1330	2580	2940	4150	22100	4340	8700	2530	2590	3470	1310
2	3300	1330	15900	2600	3500	20500	3780	6200	3420	2420	2260	1320
3	2490	1780	15900	2580	2990	10300	3590	5340	5110	2510	2290	1360
4	2080	1750	7260	2610	3560	7450	3510	8670	5910	2210	2160	1380
5	1920	1490	5360	2790	4710	6500	3630	7310	4520	2030	1580	1280
6	1880	1430	4210	2620	5740	6150	3250	5310	3370	2290	1530	1230
7	1570	2070	3960	3100	4870	5800	3720	4770	2930	2690	1850	1230
8	3490	2060	3620	2590	4660	5070	4690	4510	2840	1770	1600	1250
9	3220	4220	3930	4320	5170	4670	4410	3900	2850	2300	2170	1250
10	2530	4610	3370	9650	4520	4390	3910	3950	2710	1860	1550	1120
11	2000	2770	2810	6850	4290	3700	3740	4030	2690	1600	1940	1040
12	1460	2440	2840	4620	3870	4110	3340	3550	2650	3210	1560	1540
13	1700	1590	4290	3930	4000	4010	4060	3540	2770	3570	1560	1370
14	1530	1570	5120	3560	9950	4470	4460	3030	3310	2240	1520	1850
15	1460	2080	4050	3360	13900	7500	4040	3550	4520	2010	1410	1410
16	1600	1680	3810	3820	16500	7220	3620	3270	6220	1870	1840	1270
17	1770	1900	2600	4370	9000	5560	3180	2790	4480	2040	1360	1170
18	1960	1970	3320	4390	6320	4620	3610	3060	3500	2320	1740	1130
19	1470	2490	3400	3960	5340	4230	2880	3130	2640	1990	1690	1120
20	1190	2590	4030	3370	4630	5400	3150	2560	2650	1900	1240	1150
21	1430	2210	3290	3450	4340	7150	2930	3080	2340	1920	1260	1190
22	1470	3180	3410	3070	4520	5760	3140	2970	2590	1620	1440	1320
23	1600	2330	2670	3140	4560	5140	4150	2540	2760	1870	1630	1010
24	1530	2410	2970	3690	4470	4500	7600	2660	2180	4620	1300	854
25	1620	2020	2940	5570	3820	4120	6150	2710	2500	5380	1190	2600
26	1290	1870	2880	7570	4010	4190	4820	2870	2320	3020	1210	4220
27	1310	2580	2640	5400	3710	4330	4350	3540	2240	3140	1260	2500
28	1540	2530	2850	4750	5730	5020	9020	2860	3510	2520	1260	1740
29	1470	1780	2580	4420	---	4930	17500	2570	3260	2010	1330	1570
30	1570	2090	2770	4210	---	5210	17800	2790	1860	2590	1180	1090
31	1540	---	2490	4060	---	4780	---	3080	---	2700	1260	---
TOTAL	65190	66150	133850	127360	156830	198880	152370	122840	97180	76810	50640	43874
MEAN	2103	2205	4318	4108	5601	6415	5079	3963	3239	2478	1634	1462
MAX	10200	4610	15900	9650	16500	22100	17800	8700	6220	5380	3470	4220
MIN	1190	1330	2490	2580	2990	3700	2880	2540	1860	1600	1180	854
CFSM	.75	.79	1.55	1.47	2.01	2.30	1.82	1.42	1.16	.89	.59	.52
IN.	.87	.88	1.78	1.70	2.09	2.65	2.03	1.64	1.30	1.02	.68	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1997, BY WATER YEAR (WY)

	MEAN	3204	3136	3848	4952	5796	6306	5204	3911	3259	2825	3025	2519
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
02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1939 - 1997	
ANNUAL TOTAL	1414350		1291974			
ANNUAL MEAN	3864		3540		3990	
HIGHEST ANNUAL MEAN					5977	1965
LOWEST ANNUAL MEAN					1980	1988
HIGHEST DAILY MEAN	30600	Feb 4	22100	Mar 1	114000	Oct 10 1976
LOWEST DAILY MEAN	1190	Oct 20	854	Sep 24	44	Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	1440	Oct 26	1110	Sep 18	475	Oct 15 1954
INSTANTANEOUS PEAK FLOW			26200	Mar 1	*123000	Oct 10 1976
INSTANTANEOUS PEAK STAGE			13.75	Mar 1	31.51	Oct 10 1976
INSTANTANEOUS LOW FLOW			659	Sep 15	37	Aug 29 1955
ANNUAL RUNOFF (CFSM)	1.39		1.27		1.43	
ANNUAL RUNOFF (INCHES)	18.86		17.23		19.43	
10 PERCENT EXCEEDS	6370		5630		6800	
50 PERCENT EXCEEDS	3010		2930		2930	
90 PERCENT EXCEEDS	1600		1370		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

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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, 180 microsiemens, Sept. 15; minimum, 34 microsiemens, Apr. 27.

pH: Maximum, 8.2 units, Aug. 26; minimum, 5.8 units, Oct. 24, Apr. 19, 21.

WATER TEMPERATURE: Maximum, 30.5°C, July 21, 22, Aug. 17, 18; minimum, 2.5°C, Jan. 20.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Feb. 15, 16; minimum, 2.5 mg/L, July 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	78	38	48	140	112	126	102	75	92	75	72	73
2	74	45	63	140	127	135	90	51	69	83	75	80
3	91	74	83	141	122	131	57	50	54	86	80	83
4	92	86	89	152	141	147	61	56	59	92	86	88
5	97	86	93	150	131	144	66	61	64	98	92	95
6	103	93	98	131	118	126	73	66	69	95	90	92
7	106	99	102	126	111	116	84	73	77	95	91	92
8	105	68	83	126	106	116	82	79	80	93	87	89
9	91	77	82	112	98	107	85	81	83	97	70	80
10	105	91	101	100	89	93	82	77	80	84	74	78
11	103	98	100	90	73	79	83	76	80	75	71	73
12	117	103	110	75	72	73	89	77	85	75	71	73
13	121	114	117	79	74	77	94	84	90	78	74	76
14	130	121	125	97	79	85	85	77	81	78	72	74
15	131	121	128	109	97	103	85	82	83	82	73	77
16	121	108	114	114	104	109	83	76	79	85	77	80
17	121	114	117	113	106	109	82	80	81	85	81	83
18	117	108	111	116	108	112	94	81	87	89	85	87
19	119	106	114	115	101	108	95	83	87	88	81	84
20	118	109	113	101	95	98	93	89	91	81	79	80
21	120	114	118	96	92	94	91	89	90	81	78	79
22	121	118	120	96	92	94	92	87	89	85	78	82
23	124	112	120	99	95	98	87	85	86	87	83	84
24	119	109	113	108	99	106	87	85	86	92	87	90
25	134	119	129	108	106	107	85	81	83	89	75	80
26	130	113	119	110	108	109	83	77	79	---	---	---
27	126	117	124	113	106	109	78	73	76	---	---	---
28	128	124	126	111	101	106	73	70	71	---	---	---
29	138	126	134	107	101	104	74	73	74	74	71	72
30	139	124	135	103	100	101	74	69	71	82	74	78
31	124	112	116	---	---	---	74	70	73	85	82	83
MONTH	139	38	108	152	72	107	102	50	79	98	70	82

SANTEE RIVER BASIN
02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	86	83	85	65	47	54	72	66	69	62	56	59
2	86	82	85	51	49	51	71	67	69	69	61	66
3	90	83	87	55	47	52	79	69	73	76	69	73
4	87	81	83	59	55	57	90	79	83	73	64	70
5	87	84	85	64	58	61	93	86	88	64	60	62
6	85	81	83	78	60	65	93	88	90	64	61	63
7	81	79	80	74	64	70	95	87	91	72	63	69
8	82	74	78	75	70	72	94	80	88	78	71	75
9	81	79	80	78	72	75	80	74	76	86	78	81
10	82	77	79	79	72	75	83	75	77	92	85	88
11	80	75	76	81	75	78	90	82	84	90	85	88
12	85	74	77	82	78	80	91	86	88	85	80	82
13	87	60	79	85	80	81	108	88	98	85	83	84
14	69	60	65	86	83	85	93	83	88	90	83	86
15	65	50	61	86	70	81	83	80	80	89	82	85
16	---	---	---	70	55	59	85	79	81	88	83	86
17	---	---	---	64	56	61	90	84	86	94	88	91
18	61	59	60	69	61	65	93	90	92	103	91	97
19	69	60	66	77	66	71	97	92	94	98	94	96
20	80	68	72	80	71	75	100	91	96	98	93	95
21	82	73	76	80	62	70	100	93	96	100	93	95
22	85	79	80	66	62	64	99	86	94	94	91	93
23	89	85	86	70	64	67	90	86	88	99	94	96
24	85	76	80	71	65	68	88	74	82	104	98	100
25	81	74	78	74	65	69	74	61	64	107	101	104
26	83	76	79	74	71	72	69	61	67	106	94	102
27	84	79	82	84	72	76	74	34	68	99	83	90
28	88	65	83	84	72	76	62	43	55	87	81	83
29	---	---	---	72	68	70	62	52	58	86	81	83
30	---	---	---	76	68	72	56	51	53	94	83	90
31	---	---	---	71	68	70	---	---	---	98	90	93
MONTH	90	50	78	86	47	69	108	34	81	107	56	85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	101	94	98	96	86	89	96	79	86	160	148	153
2	108	95	103	96	92	94	104	96	100	166	157	163
3	95	70	84	98	91	93	111	104	106	157	148	151
4	70	58	61	92	85	90	111	104	107	148	138	144
5	68	58	62	87	82	84	112	102	107	158	138	150
6	78	68	71	89	82	86	108	94	100	157	137	147
7	82	78	80	95	78	83	115	94	102	137	130	132
8	89	81	87	81	72	78	114	104	110	135	132	134
9	94	86	90	83	72	78	121	92	101	142	134	139
10	88	83	85	92	83	89	126	113	121	153	142	148
11	93	84	87	102	86	92	124	116	122	152	144	150
12	101	93	97	103	79	94	125	113	120	144	136	140
13	101	94	96	99	80	94	118	113	115	169	144	161
14	105	94	98	99	84	91	116	113	114	158	134	144
15	111	100	106	90	84	87	122	113	119	180	134	149
16	100	67	75	99	90	95	125	119	122	148	142	145
17	71	62	67	116	99	107	133	122	130	147	142	145
18	69	62	65	117	111	114	137	132	134	143	134	137
19	76	69	74	126	114	121	136	128	132	155	135	143
20	95	76	87	121	110	116	131	124	126	162	155	161
21	101	93	96	123	119	121	124	114	118	162	151	156
22	106	101	102	125	117	120	124	121	123	162	152	158
23	110	103	107	118	55	113	129	122	126	175	162	168
24	111	101	107	107	55	92	135	128	130	176	163	170
25	110	101	107	80	67	73	138	130	131	171	152	158
26	123	108	116	83	74	79	144	136	141	171	100	128
27	120	105	111	90	81	85	146	137	142	100	91	95
28	123	105	116	96	81	90	143	134	138	95	88	90
29	118	100	110	95	89	92	139	133	136	102	93	98
30	101	96	99	99	89	93	146	137	142	111	102	108
31	---	---	---	97	85	91	149	145	147	---	---	---
MONTH	123	58	91	126	55	94	149	79	121	180	88	142
YEAR	180	34	95									

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DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.8	6.5	7.2	6.2	7.4	7.1	7.3	7.2	7.4	7.2	6.8	6.6
2	6.9	6.6	7.3	7.2	7.3	6.7	7.4	7.3	7.4	7.2	6.7	6.6
3	7.1	6.9	7.4	7.2	7.0	6.7	7.4	7.3	7.3	7.1	6.8	6.7
4	7.2	7.0	7.4	7.2	7.0	7.0	7.5	7.4	7.3	7.3	6.8	6.8
5	7.2	7.0	7.3	7.2	7.1	7.0	7.5	7.4	7.3	7.2	6.9	6.8
6	7.2	7.0	7.4	7.2	7.2	7.0	7.6	7.4	7.3	7.2	6.9	6.9
7	7.3	7.0	7.4	7.2	7.3	7.2	7.5	7.4	7.2	7.1	6.9	6.9
8	7.2	6.9	7.3	7.3	7.3	7.2	7.4	7.4	7.2	7.1	6.9	6.9
9	7.0	6.9	7.3	7.2	7.3	7.2	7.4	7.1	7.3	7.2	6.9	6.8
10	7.2	7.0	7.3	7.2	7.3	7.2	7.3	7.2	7.2	7.1	6.9	6.8
11	7.2	6.9	7.2	7.2	7.3	7.2	7.3	7.2	7.1	7.1	6.9	6.7
12	7.3	6.8	7.3	7.1	7.3	7.3	7.2	7.1	7.1	7.0	6.9	6.7
13	7.3	6.7	7.3	7.2	7.3	7.3	7.2	7.1	7.1	6.8	7.0	6.7
14	7.4	6.7	7.3	7.2	7.3	7.2	7.3	7.1	6.9	6.8	7.0	6.9
15	7.4	6.7	7.4	6.9	7.3	7.3	7.3	7.1	6.8	6.8	7.0	7.0
16	7.4	6.6	7.4	7.3	7.4	7.2	7.2	7.2	6.8	6.8	7.0	6.9
17	7.4	6.5	7.5	7.3	7.3	7.3	7.3	7.1	6.9	6.8	7.0	6.9
18	7.2	6.3	7.4	7.3	7.4	7.3	7.3	6.9	6.9	6.9	6.9	6.9
19	7.4	6.2	7.5	7.4	7.3	7.2	7.2	7.2	6.9	6.9	7.0	6.9
20	7.5	6.0	7.4	7.3	7.3	7.2	7.3	7.1	6.9	6.8	7.0	7.0
21	7.5	6.0	7.3	7.2	7.2	7.0	7.3	7.2	6.9	6.8	7.0	6.9
22	7.3	5.9	7.3	7.2	7.1	6.5	7.3	7.2	6.9	6.9	6.9	6.9
23	7.2	5.9	7.3	7.2	7.2	7.0	7.4	7.3	7.0	6.9	6.9	6.8
24	7.3	5.8	7.3	7.2	7.2	7.1	7.3	7.1	7.0	6.8	6.9	6.7
25	7.0	5.9	7.3	7.2	7.1	7.1	7.3	7.1	6.9	6.8	6.9	6.6
26	6.9	5.9	7.4	7.3	7.1	6.9	7.3	7.1	7.0	6.7	7.0	6.9
27	7.2	6.0	7.4	7.3	7.2	7.1	7.1	7.0	7.0	7.0	7.0	6.9
28	7.3	7.1	7.3	7.1	7.2	7.1	7.2	7.0	7.0	6.8	7.0	6.9
29	7.4	7.1	7.3	7.0	7.3	7.2	7.2	7.2	---	---	6.9	6.9
30	7.3	6.8	7.3	7.2	7.3	7.2	7.3	7.2	---	---	7.0	6.8
31	7.2	6.3	---	---	7.3	7.2	7.3	7.2	---	---	6.9	6.7
MONTH	7.5	5.8	7.5	6.2	7.4	6.5	7.6	6.9	7.4	6.7	7.0	6.6
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.5	6.6	6.5	7.3	7.1	7.3	6.8	6.8	6.7	7.3	6.9
2	6.9	6.4	6.6	6.6	7.2	7.1	7.5	7.2	7.1	6.6	7.5	7.1
3	7.0	6.3	6.7	6.5	7.1	7.1	7.5	7.2	6.9	6.6	7.4	7.0
4	7.0	6.2	6.8	6.7	7.1	7.0	7.4	7.1				

SANTEE RIVER BASIN
02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	18.5	17.0	17.5	19.5	17.5	18.5	11.5	8.0	9.5	11.5	11.0	11.5
2	18.5	17.0	18.0	18.5	16.5	18.0	10.5	9.5	10.0	12.0	11.5	11.5
3	20.0	18.5	19.0	16.5	14.5	15.5	10.0	9.0	9.5	12.0	11.0	11.5
4	19.5	18.5	19.0	15.5	13.5	14.5	9.0	8.5	9.0	12.5	11.5	12.0
5	18.5	17.5	18.0	14.0	13.0	13.5	8.5	7.5	8.0	13.0	12.5	12.5
6	18.0	17.0	17.5	14.5	13.0	13.5	8.0	7.5	7.5	13.0	12.0	12.5
7	17.5	16.0	17.0	14.5	13.5	14.0	8.5	7.5	8.0	12.5	11.5	12.0
8	16.5	15.5	16.5	16.0	14.5	15.5	8.5	7.5	8.0	11.5	10.0	10.5
9	17.5	16.5	17.0	15.0	14.0	14.5	8.0	7.0	7.5	10.0	7.5	8.5
10	17.5	16.5	17.0	14.0	12.5	13.0	7.0	6.0	6.5	7.5	7.0	7.0
11	17.5	16.5	17.0	12.5	10.5	11.0	7.5	6.0	7.0	7.0	6.5	7.0
12	17.5	15.5	16.5	10.5	9.0	10.0	9.0	7.5	8.5	7.0	5.5	6.0
13	18.0	15.5	16.5	9.5	8.5	9.0	10.5	9.0	10.0	6.5	5.0	5.5
14	17.5	15.5	16.5	9.5	8.5	9.0	10.5	10.0	10.5	6.0	4.0	5.0
15	18.5	15.0	16.5	9.0	8.0	8.5	10.0	9.0	9.5	5.5	4.0	4.5
16	18.5	16.0	17.0	9.0	7.5	8.0	9.0	7.5	8.0	6.5	5.5	6.0
17	19.0	17.0	18.0	8.5	7.5	8.0	8.0	7.5	8.0	6.0	5.0	5.5
18	18.5	17.0	18.0	8.5	7.5	8.0	8.0	7.5	8.0	6.0	4.0	4.5
19	17.5	15.0	16.5	9.5	8.5	9.0	7.5	6.5	7.5	4.5	3.5	4.0
20	17.0	14.5	15.5	10.5	9.5	10.0	6.5	5.5	6.0	4.0	2.5	3.5
21	16.5	13.5	15.0	11.0	10.5	11.0	5.5	4.0	4.5	5.5	3.0	4.0
22	16.5	14.0	15.0	11.0	10.5	11.0	4.5	3.5	4.0	6.5	5.5	6.0
23	16.5	15.0	15.5	10.5	9.5	10.0	4.5	3.5	4.0	8.0	6.5	7.0
24	16.5	14.0	15.0	9.5	9.0	9.5	6.0	4.5	5.5	8.5	8.0	8.5
25	16.0	15.0	15.5	10.5	9.5	10.0	6.5	5.5	6.0	9.0	8.0	8.5
26	16.5	14.5	15.5	12.0	10.5	11.0	6.0	5.0	5.5	9.0	8.0	8.5
27	16.5	15.5	16.0	11.0	10.0	10.5	5.5	5.5	5.5	8.0	7.5	8.0
28	17.5	16.0	17.0	10.0	9.0	9.5	7.0	5.5	6.5	8.5	7.5	8.0
29	19.0	17.0	18.0	9.0	8.0	8.5	8.0	7.0	7.5	8.5	8.5	8.5
30	20.0	18.0	19.0	8.0	7.5	8.0	9.5	8.0	8.5	8.5	8.0	8.5
31	20.0	17.5	18.5	---	---	---	11.0	9.5	10.0	8.0	8.0	8.0
MONTH	20.0	13.5	16.9	19.5	7.5	11.3	11.5	3.5	7.5	13.0	2.5	7.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	7.0	8.0	14.0	12.5	13.0	16.0	14.5	15.0	17.5	15.5	16.5
2	9.5	8.0	8.5	14.5	14.0	14.0	15.0	13.5	14.5	18.5	16.5	17.5
3	10.0	8.5	9.0	15.0	14.0	14.5	15.5	13.5	14.5	18.0	17.5	18.0
4	10.5	9.5	10.0	15.5	14.5	15.0	16.0	14.0	15.0	18.0	17.0	17.5
5	10.5	10.0	10.5	15.5	14.0	15.0	17.0	15.0	16.0	17.5	16.0	16.5
6	10.5	9.5	10.0	15.5	14.5	15.0	17.5	16.5	17.0	18.0	16.0	17.0
7	10.5	9.5	10.0	14.5	13.5	14.0	18.5	17.5	18.0	19.0	17.0	18.0
8	10.5	9.5	10.0	14.0	12.5	13.0	18.5	17.0	17.5	19.0	17.0	18.0
9	10.0	9.5	9.5	13.5	12.0	13.0	17.5	16.5	17.0	20.0	18.0	19.0
10	9.5	9.0	9.0	15.0	13.0	14.0	16.5	15.0	16.0	20.0	18.5	19.0
11	9.0	8.5	8.5	16.0	14.0	15.0	16.0	14.5	15.5	19.0	17.5	18.5
12	9.0	7.5	8.0	16.0	14.5	15.5	16.0	15.0	15.5	19.0	17.0	18.0
13	7.5	6.5	7.0	16.0	15.0	15.0	17.0	15.5	16.0	19.0	18.0	18.5
14	6.5	6.0	6.0	15.5	14.5	15.0	16.5	15.5	16.0	19.0	18.0	18.5
15	7.5	6.0	6.5	15.5	14.5	15.0	16.5	15.0	16.0	20.0	18.5	19.5
16	7.5	6.5	7.0	14.5	13.0	13.5	16.5	15.0	16.0	20.0	18.0	19.0
17	8.0	6.5	7.5	13.5	12.0	12.5	16.5	15.0	16.0	19.5	18.0	19.0
18	8.5	7.0	7.5	13.0	11.5	12.0	16.0	14.5	15.5	20.0	19.0	19.5
19	9.5	7.5	8.5	13.5	12.5	13.0	15.5	13.5	14.5	21.5	19.5	20.5
20	10.5	8.5	9.5	13.0	12.5	13.0	16.0	14.5	15.5	23.0	21.0	22.0
21	12.0	10.0	11.0	13.5	12.0	13.0	17.0	15.5	16.5	23.5	22.0	22.5
22	13.0	12.0	12.5	15.0	13.5	14.0	18.5	16.5	17.5	23.0	21.5	22.5
23	13.0	12.0	12.5	15.5	14.0	15.0	18.5	17.0	17.5	22.5	21.5	22.0
24	12.5	11.0	11.5	15.0	13.5	14.5	17.0	16.0	16.5	22.5	21.5	22.0
25	11.5	10.0	10.5	14.5	13.5	14.0	16.5	15.0	15.5	22.5	21.5	22.0
26	11.0	10.0	10.0	15.5	14.0	14.5	16.0	15.0	15.5	23.0	22.0	22.5
27	11.0	9.5	10.5	15.5	13.5	15.0	15.5	13.5	14.5	22.5	21.0	21.5
28	12.5	11.0	11.5	15.5	14.0	14.5	14.0	13.5	14.0	21.0	19.5	20.0
29	---	---	---	15.5	13.5	14.5	15.0	14.0	14.5	19.5	19.0	19.5
30	---	---	---	16.5	14.5	15.5	16.0	15.0	15.5	19.5	18.5	19.0
31	---	---	---	16.0	15.0	16.0	---	---	---	20.0	18.5	19.5
MONTH	13.0	6.0	9.3	16.5	11.5	14.2	18.5	13.5	15.8	23.5	15.5	19.5

SANTEE RIVER BASIN
02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.7	8.0	8.4	8.2	7.3	7.7	10.2	9.3	9.9	10.0	9.7	9.8
2	8.0	7.9	7.9	7.9	7.3	7.6	11.1	9.8	10.6	9.8	9.6	9.7
3	8.0	7.9	8.0	8.3	7.7	8.0	11.1	10.4	10.7	9.9	9.7	9.8
4	8.3	7.9	8.1	8.5	7.9	8.3	10.4	10.2	10.3	9.9	9.6	9.7
5	8.4	8.1	8.2	8.9	8.5	8.7	10.4	10.2	10.2	9.7	9.6	9.6
6	8.6	8.2	8.4	9.3	8.8	9.0	10.4	10.2	10.3	9.9	9.6	9.7
7	8.5	8.3	8.4	9.3	8.8	9.0	10.3	10.1	10.3	9.9	9.6	9.7
8	8.7	8.3	8.5	8.8	8.5	8.6	10.3	10.1	10.2	10.2	9.8	10.0
9	8.3	8.2	8.2	8.7	8.3	8.5	10.4	10.2	10.3	11.0	10.1	10.6
10	8.4	8.3	8.3	9.1	8.5	8.8	10.8	10.4	10.6	11.6	11.0	11.4
11	8.7	8.3	8.5	9.8	9.1	9.4	10.9	10.7	10.8	11.6	11.4	11.5
12	9.0	8.5	8.7	10.4	9.8	10.0	10.7	10.3	10.5	11.7	11.4	11.6
13	8.9	8.6	8.8	10.8	10.2	10.5	10.3	9.7	10.0	12.0	11.7	11.9
14	9.2	8.7	8.9	10.8	10.5	10.7	9.9	9.7	9.8	12.2	11.9	12.1
15	9.2	8.6	8.9	10.9	10.4	10.7	10.3	9.9	10.1	12.3	12.0	12.2
16	9.1	8.5	8.8	11.0	10.5	10.8	10.7	10.3	10.5	12.0	11.6	11.8
17	8.8	8.3	8.5	11.3	10.7	11.0	10.7	10.4	10.6	11.8	11.5	11.7
18	8.7	8.2	8.4	11.1	10.7	11.0	10.6	10.3	10.4	12.2	11.6	12.0
19	9.1	8.2	8.6	10.9	10.5	10.7	10.5	10.2	10.4	12.5	12.1	12.4
20	9.3	8.4	8.8	10.6	10.0	10.4	11.0	10.5	10.8	12.7	12.4	12.6
21	9.4	8.4	8.8	10.1	9.7	9.9	11.4	11.0	11.2	12.7	12.0	12.5
22	9.6	8.6	9.0	10.0	9.7	9.8	11.7	11.4	11.6	12.0	11.6	11.8
23	9.2	8.6	8.8	10.3	9.6	10.0	11.7	11.5	11.6	11.6	11.1	11.4
24	9.4	8.5	8.9	10.5	10.2	10.4	11.5	11.1	11.3	11.1	10.7	10.9
25	9.0	8.4	8.7	10.6	10.1	10.4	11.2	10.9	11.0	10.9	10.6	10.6
26	9.2	8.4	8.7	10.3	9.6	10.0	11.1	10.9	11.0	11.0	10.9	10.9
27	8.7	8.3	8.5	9.6	9.4	9.5	11.2	11.0	11.1	11.1	11.0	11.1
28	8.8	8.0	8.4	9.9	9.5	9.7	11.1	10.8	11.0	11.2	10.9	11.1
29	8.6	7.8	8.1	10.1	9.8	9.9	10.8	10.5	10.7	11.0	10.8	10.9
30	8.3	7.6	7.8	10.2	10.0	10.1	10.6	10.3	10.5	10.9	10.8	10.8
31	8.2	7.5	7.8	---	---	---	10.3	9.9	10.2	10.9	10.8	10.8
MONTH	9.6	7.5	8.5	11.3	7.3	9.6	11.7	9.3	10.6	12.7	9.6	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	10.7	10.8	11.4	10.4	11.1	9.1	8.8	9.0	8.0	7.8	7.9
2	10.8	10.5	10.7	11.2	10.5	11.0	9.4	9.0	9.2	8.0	7.7	7.8
3	10.8	10.5	10.6	10.5	9.6	9.9	9.5	9.1	9.3	7.9	7.7	7.8
4	10.5	10.3	10.4	9.7	9.4	9.5	9.5	9.1	9.2	8.2	7.7	8.0
5	10.3	10.2	10.3	9.6	9.4	9.5	9.3	8.7	9.1	8.3	8.2	8.2
6	10.4	10.3	10.4	9.4	9.3	9.4	8.8	8.5	8.7	8.3	8.2	8.3
7	10.4	10.3	10.4	9.6	9.4	9.5	8.9	8.4	8.6	8.4	8.2	8.3
8	10.4	10.3	10.3	9.8	9.6	9.7	8.8	8.4	8.7	8.4	8.2	8.3
9	10.4	10.3	10.4	9.9	9.7	9.8	8.9	8.8	8.9	8.3	8.1	8.2
10	10.7	10.4	10.6	9.8	9.3	9.6	9.3	8.8	9.1	8.3	8.1	8.2
11	10.8	10.7	10.7	9.4	9.1	9.3	9.5	9.0	9.2	8.4	8.2	8.3
12	11.0	10.8	10.9	9.3	9.0	9.1	9.2	8.9	9.1	8.6	8.1	8.4
13	11.3	10.9	11.1	9.2	9.0	9.1	9.1	8.8	8.9	8.4	8.1	8.2
14	12.0	11.1	11.6	9.2	9.0	9.1	9.2	8.9	9.0	8.6	8.0	8.2
15	12.9	11.9	12.2	9.5	9.0	9.3	9.2	8.9	9.1	8.6	7.9	8.2
16	12.9	12.3	12.7	9.7	9.5	9.6	9.3	8.9	9.1	8.7	7.8	8.3
17	12.3	11.3	11.7	9.8	9.6	9.7	9.2	8.9	9.0	7.8	6.5	7.0
18	11.4	11.1	11.3	9.9	9.5	9.7	9.3	8.9	9.0	7.1	6.5	6.8
19	11.1	10.7	11.0	9.5	9.1	9.3	9.4	8.9	9.1	7.2	6.6	6.8
20	10.8	10.4	10.6	9.5	9.0	9.2	9.4	8.8	9.1	7.1	6.5	6.8
21	10.4	9.9	10.3	9.7	9.3	9.5	9.2	8.7	8.9	7.0	6.5	6.7
22	10.0	9.6	9.8	9.4	9.0	9.2	9.3	8.5	8.9	7.2	6.5	6.7
23	9.8	9.6	9.7	9.0	8.9	9.0	8.9	8.7	8.8	7.4	6.6	7.0
24	10.2	9.8	10.0	9.1	9.0	9.1	9.7	8.7	9.3	7.4	6.7	7.1
25	10.5	10.1	10.3	9.2	9.1	9.1	9.8	9.6	9.7	7.2	6.9	7.0
26	10.5	10.3	10.4	9.2	9.0	9.1	9.6	8.5	9.1	7.3	6.9	7.1
27	10.6	10.3	10.4	9.2	9.0	9.1	8.5	7.6	8.1	8.0	6.9	7.5
28	10.4	10.1	10.2	9.3	9.0	9.2	7.9	7.5	7.6	8.0	7.3	7.5
29	---	---	---	9.2	9.0	9.1	8.7	7.9	8.4	8.2	7.5	7.8
30	---	---	---	9.2	9.0	9.1	8.8	8.0	8.5	8.3	7.9	8.1
31	---	---	---	9.1	8.8	8.9	---	---	---	8.3	7.9	8.1
MONTH	12.9	9.6	10.7	11.4	8.8	9.4	9.8	7.5	8.9	8.7	6.5	7.7

SANTEE RIVER BASIN
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 current year.

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

REMARKS.--Records good except for estimated daily discharges, Mar. 12 - 14, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	12	298	19	23	185	24	29	180	15	20	10
2	18	31	56	18	22	64	24	25	31	15	17	9.5
3	16	13	27	18	22	54	23	178	22	14	16	9.5
4	14	12	23	18	47	40	23	40	20	13	16	9.0
5	13	14	25	37	52	55	23	29	18	13	28	9.0
6	13	13	25	20	27	72	56	26	18	13	17	8.9
7	17	16	34	19	24	35	29	24	18	12	15	8.4
8	59	164	22	18	57	33	23	23	17	12	14	8.4
9	17	24	19	225	28	31	22	22	17	60	14	8.6
10	14	17	18	43	29	31	21	21	17	100	15	46
11	14	15	18	32	26	29	21	20	16	281	14	43
12	12	14	44	25	24	28	61	20	20	24	14	11
13	13	14	76	23	143	31	26	20	65	19	13	10
14	13	14	25	22	154	53	21	19	91	16	13	9.8
15	14	13	22	21	183	34	21	19	39	15	13	9.6
16	13	13	20	92	49	29	21	18	19	48	13	9.6
17	13	13	28	26	37	27	20	18	18	31	12	9.6
18	13	28	25	23	32	27	19	18	17	22	12	9.5
19	12	29	55	22	31	51	19	18	16	15	12	9.7
20	11	15	23	21	28	34	20	32	16	14	11	9.1
21	12	29	20	21	40	28	19	27	28	13	11	8.7
22	12	26	19	21	39	27	79	18	24	13	11	8.7
23	12	16	19	25	26	26	74	17	17	348	10	8.7
24	11	15	20	153	25	25	28	16	15	106	10	109
25	12	15	20	112	25	25	22	41	15	32	9.9	104
26	12	67	18	37	28	36	21	29	14	22	9.9	19
27	13	19	18	30	43	25	59	32	53	19	9.9	13
28	13	17	18	35	400	38	173	19	32	75	17	32
29	12	15	23	26	---	63	79	18	17	33	14	19
30	12	22	19	25	---	29	35	21	15	58	10	12
31	12	---	20	24	---	25	---	19	---	41	10	---
TOTAL	497	725	1097	1251	1664	1290	1106	876	905	1512	421.7	592.3
MEAN	16.0	24.2	35.4	40.4	59.4	41.6	36.9	28.3	30.2	48.8	13.6	19.7
MAX	59	164	298	225	400	185	173	178	180	348	28	109
MIN	11	12	18	18	22	25	19	16	14	12	9.9	8.4
CFSM	.68	1.02	1.50	1.71	2.52	1.76	1.56	1.20	1.28	2.07	.58	.84
IN.	.78	1.14	1.73	1.97	2.62	2.03	1.74	1.38	1.43	2.38	.66	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1997, BY WATER YEAR (WY)

MEAN	36.2	34.3	33.6	50.6	53.4	61.9	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

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1988 - 1997	
ANNUAL TOTAL	13837		11937.0			
ANNUAL MEAN	37.8		32.7		39.3	
HIGHEST ANNUAL MEAN					57.6	1993
LOWEST ANNUAL MEAN					27.0	1992
HIGHEST DAILY MEAN	432	Jan 27	400	Feb 28	1730	Aug 27 1995
LOWEST DAILY MEAN	11	Oct 20	8.4	**Sep 7	6.0	Aug 27 1988
ANNUAL SEVEN-DAY MINIMUM	12	Oct 19	8.8	Sep 3	6.6	Oct 5 1993
INSTANTANEOUS PEAK FLOW			1170	Jul 23	2670	Oct 12 1990
INSTANTANEOUS PEAK STAGE			8.79	Jul 23	12.13	Oct 12 1990
INSTANTANEOUS LOW FLOW			8.4	*Sep 6	5.8	Aug 27 1988
ANNUAL RUNOFF (CFSM)	1.60		1.39		1.67	
ANNUAL RUNOFF (INCHES)	21.81		18.82		22.62	
10 PERCENT EXCEEDS	58		57		69	
50 PERCENT EXCEEDS	25		21		22	
90 PERCENT EXCEEDS	13		12		11	

* Also occurred Sept. 7 - 9.

** Also occurred Sept. 8.

DRAINAGE AREA.--759 mi².

PERIOD OF RECORD.--October 1973 to current year.

REMARKS.--Records good except for estimated daily discharges, Oct. 1, 2, Sept. 23, 24, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4080	403	766	709	1050	5490	961	2170	634	553	913	226
2	1780	485	2190	708	968	7850	892	1480	1010	527	679	224
3	1060	506	3090	674	908	5380	845	1380	962	493	573	220
4	779	505	2940	689	912	2590	816	2120	971	465	510	210
5	651	474	1570	689	949	1880	803	2150	806	431	482	200
6	577	482	1250	770	1040	1700	799	1500	703	398	460	197
7	544	457	1170	783	997	1650	852	1210	644	384	449	197
8	1270	561	1110	738	1290	1390	940	1060	610	380	413	198
9	1180	1410	1000	1580	1390	1250	839	962	579	390	396	214
10	834	1280	882	2970	1170	1160	772	886	559	384	387	235
11	650	928	815	2500	1060	1120	741	818	539	774	398	286
12	574	730	775	1600	989	1040	764	771	528	2470	382	382
13	539	641	1570	1250	1220	1010	879	743	640	1890	368	328
14	512	586	1750	1090	3440	1330	907	715	1260	897	351	278
15	494	559	1210	979	5130	1760	827	682	1420	679	335	252
16	477	536	987	1270	5120	1300	774	649	1360	568	326	238
17	463	513	908	1500	3210	1070	740	624	908	513	323	242
18	455	515	893	1230	1920	1010	715	609	718	540	352	241
19	438	583	1010	1000	1590	1010	692	595	661	471	371	243
20	426	662	1110	955	1420	1340	676	590	609	438	329	242
21	418	625	946	879	1330	1280	659	605	544	404	302	230
22	404	775	839	849	1470	1110	696	568	868	395	280	218
23	405	936	779	822	1340	1020	965	534	896	441	268	210
24	399	729	788	835	1150	938	1060	511	640	3870	257	220
25	396	639	746	2120	1060	884	957	492	565	7720	248	444
26	400	628	749	3500	1030	1030	818	544	505	3050	244	823
27	407	787	697	2220	1020	997	915	650	472	1230	242	604
28	409	757	715	1540	1580	950	2960	659	513	876	240	432
29	410	637	667	1330	---	1080	3790	630	851	734	238	412
30	431	599	714	1230	---	1220	3490	599	657	848	242	409
31	415	---	673	1140	---	1110	---	592	---	1110	234	---
TOTAL	22277	19928	35309	40149	45753	53949	32544	28098	22632	34323	11592	8855
MEAN	719	664	1139	1295	1634	1740	1085	906	754	1107	374	295
MAX	4080	1410	3090	3500	5130	7850	3790	2170	1420	7720	913	823
MIN	396	403	667	674	908	884	659	492	472	380	234	197
CFSM	.95	.88	1.50	1.71	2.15	2.29	1.43	1.19	.99	1.46	.49	.39
IN.	1.09	.98	1.73	1.97								

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)

MEAN	852	879	1037	1564	1533	1827	1251	997	740	612	663	512
MAX	3011	2519	2354	3020	2683	3545	2379	2363	1517	1507	2295	1343
(WY)	1991	1986	1984	1978	1979	1993	1979	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

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1974 - 1997	
ANNUAL TOTAL	375743		355409		1037	
ANNUAL MEAN	1027		974		1449	1993
HIGHEST ANNUAL MEAN					538	1988
LOWEST ANNUAL MEAN					26000	Oct 10 1976
HIGHEST DAILY MEAN	8980	Feb 4	7850	Mar 2	98	Aug 28 1988
LOWEST DAILY MEAN	303	Jul 14	197	*Sep 6	112	Aug 23 1988
ANNUAL SEVEN-DAY MINIMUM	318	Jul 8	205	Sep 3	30300	Oct 11 1976
INSTANTANEOUS PEAK FLOW			9940	Jul 25	26.31	Oct 11 1976
INSTANTANEOUS PEAK STAGE			16.43	Jul 25	96	Aug 28 1988
INSTANTANEOUS LOW FLOW			194	**Sep 5	1.37	
ANNUAL RUNOFF (CFSM)	1.35		1.28		18.57	
ANNUAL RUNOFF (INCHES)	18.42		17.42		1830	
10 PERCENT EXCEEDS	1660		1590		732	
50 PERCENT EXCEEDS	783		746		308	
90 PERCENT EXCEEDS	402		329			

*Also occurred on Sept. 7.

**Also occurred on Sept. 6, 7.

SANTEE RIVER BASIN
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, 154 microsiemens, Sept. 9; minimum, 35 microsiemens, July 24.

pH: Maximum 7.6, units, Nov. 4; minimum, 6.3 units, Apr. 28, July 24, 25.

WATER TEMPERATURE: Maximum, 29.5°C, July 22, Aug. 17; minimum, 1.5°C, Dec. 22, Jan. 20.

DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Dec. 22; minimum 5.2 mg/L, July 24, 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	59	39	47	124	121	123	102	88	96	90	88	88
2	77	59	70	126	119	121	93	65	76	91	88	90
3	88	77	83	126	118	120	65	58	61	93	90	92
4	96	88	93	123	116	119	62	56	58	94	90	92
5	101	96	98	116	111	113	73	62	68	97	94	95
6	105	101	104	116	112	114	80	73	77	96	93	94
7	104	99	103	119	114	116	82	80	81	100	90	93
8	99	64	78	121	115	119	84	81	83	93	90	92
9	91	80	84	116	93	99	87	84	86	92	66	76
10	96	91	94	95	90	92	86	85	86	68	64	65
11	102	96	100	96	92	94	90	86	88	70	66	68
12	107	102	105	96	93	94	92	90	91	74	70	72
13	112	107	110	100	96	98	90	67	82	78	74	76
14	110	107	108	105	99	102	78	68	75	79	78	78
15	111	107	108	107	103	104	81	77	80	81	78	80
16	109	107	108	113	106	109	86	81	84	80	75	77
17	113	107	111	109	104	106	89	86	88	78	74	76
18	117	112	115	111	109	110	90	88	89	79	74	76
19	118	113	116	114	108	111	92	89	90	83	79	81
20	121	118	119	108	106	108	91	88	89	85	83	84
21	119	116	117	107	102	104	90	88	89	89	85	87
22	118	116	117	108	100	104	92	90	91	93	87	89
23	116	114	115	100	94	97	93	92	92	96	93	94
24	118	113	116	102	94	98	93	89	92	95	91	93
25	121	117	119	105	101	102	90	89	89	91	63	75
26	130	121	125	104	100	102	90	87	88	65	61	64
27	130	127	129	101	93	98	89	86	88	69	65	68
28	133	125	129	100	92	95	88	85	86	72	69	71
29	127	119	122	98	95	97	90	85	88	76	71	74
30	122	119	120	102	98	101	91	88	90	79	75	77
31	121	117	119	---	---	---	91	88	90	82	79	80
MONTH	133	39	106	126	90	106	102	56	84	100	61	81

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WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	86	82	84	59	50	53	85	84	85	68	63	66
2	89	86	88	54	51	52	86	85	86	75	68	72
3	90	88	89	61	54	57	89	86	88	76	74	75
4	89	87	88	67	61	64	91	89	90	77	68	71
5	91	88	89	70	67	69	107	91	97	68	67	67
6	98	91	93	74	70	73	104	92	99	72	67	70
7	100	96	97	77	72	75	95	93	94	76	72	74
8	98	76	88	81	76	78	95	85	91	80	76	77
9	91	83	88	84	81	82	86	85	85	82	80	81
10	86	82	84	85	83	84	89	86	87	85	82	84
11	84	83	84	85	83	84	92	89	90	88	85	86
12	87	83	85	87	85	86	93	91	92	88	86	87
13	87	53	80	88	86	87	94	91	93	90	88	89
14	60	52	58	87	83	86	93	88	91	89	87	88
15	57	49	54	83	79	81	89	87	88	89	87	88
16	60	55	58	82	78	80	87	87	87	90	89	90
17	64	60	62	87	82	85	89	87	88	92	90	92
18	69	64	67	89	87	88	92	89	91	95	91	93
19	75	69	73	87	86	87	95	92	94	97	94	95
20	77	73	75	88	82	86	97	94	95	96	92	95
21	79	76	78	86	82	84	97	95	96	97	93	95
22	81	77	79	89	85	87	97	88	94	99	95	96
23	82	78	80	88	87	87	90	86	88	99	96	97
24	82	80	82	88	87	87	89	85	87	101	97	99
25	---	---	---	88	87	87	86	84	85	103	100	102
26	---	---	---	87	79	83	90	85	87	107	102	105
27	88	86	87	88	84	86	92	43	88	104	97	101
28	88	59	83	89	86	88	69	37	56	97	92	94
29	---	---	---	89	86	87	58	52	54	94	90	91
30	---	---	---	89	86	88	63	56	60	94	90	92
31	---	---	---	87	83	85	---	---	---	97	93	96
MONTH	100	49	80	89	50	80	107	37	87	107	63	87
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	98	92	97	94	90	92	94	81	86	141	138	140
2	92	81	87	97	92	95	96	91	93	143	138	141
3	82	78	80	101	92	97	101	96	99	144	142	143
4	80	76	79	100	95	98	103	99	101	143	138	141
5	82	76	78	105	98	102	103	100	102	140	136	138
6	86	82	84	107	100	104	104	101	103	145	139	142
7	89	86	88	107	103	106	106	102	104	151	142	147
8	92	89	91	108	102	104	105	103	104	152	146	150
9	93	88	92	107	101	103	113	104	110	154	143	151
10	94	88	92	113	102	107	116	111	114	145	142	143
11	94	91	92	107	56	96	118	112	115	150	142	146
12	96	92	94	56	51	53	116	112	114	142	127	137
13	101	94	97	66	55	62	114	110	112	127	117	121
14	94	66	81	73	66	69	115	110	113	124	117	122
15	79	59	68	82	73	78	116	112	115	128	123	127
16	75	69	71	86	82	84	121	115	119	134	127	132
17	79	73	76	90	84	87	123	118	120	138	132	135
18	86	79	83	101	85	96	128	118	123	132	125	130
19	90	85	88	99	92	95	128	118	124	134	126	131
20	100	89	93	107	99	103	125	116	119	135	131	134
21	105	93	99	107	100	104	122	115	119	137	132	135
22	103	73	91	111	102	106	121	116	119	135	132	134
23	87	76	82	111	69	105	127	116	123	---	---	---
24	101	82	91	69	35	48	127	121	123	---	---	---
25	106	95	101	55	36	47	126	121	124	128	115	120
26	114	97	104	69	55	61	131	124	128	119	102	112
27	115	103	109	79	69	75	---	---	---	102	99	100
28	111	104	106	84	79	81	---	---	---	105	102	104
29	114	90	101	90	84	87	135	133	134	110	105	108
30	92	88	90	95	88	91	142	132	137	115	107	111
31	---	---	---	89	79	85	145	140	143	---	---	---
MONTH	115	59	90	113	35	88	145	81	115	154	99	131
YEAR	154	35	94									

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

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.5	16.5	17.0	17.5	16.0	16.5	11.0	7.5	9.5	14.0	12.5	13.5
2	18.0	17.0	17.5	17.0	14.5	16.5	10.5	10.0	10.5	12.5	12.0	12.0
3	20.0	18.0	19.0	14.5	11.5	13.0	10.0	8.5	9.0	13.0	11.0	12.0
4	19.5	17.5	18.5	11.5	10.0	11.0	9.0	7.5	8.0	13.5	11.5	12.5
5	17.5	16.0	16.5	11.5	11.0	11.0	8.0	7.5	7.5	14.5	13.0	13.5
6	17.0	15.5	16.5	13.5	11.5	12.5	7.5	7.0	7.0	13.5	12.5	13.0
7	16.5	15.0	15.5	15.5	13.0	14.0	9.0	7.5	8.0	12.5	10.5	11.5
8	16.5	15.0	16.0	16.5	15.5	16.0	8.5	7.5	8.0	10.5	8.0	9.0
9	18.0	16.5	17.0	15.5	12.5	14.0	7.5	6.0	7.0	8.0	6.5	7.0
10	17.0	15.5	16.0	12.5	10.0	11.0	6.5	5.0	6.0	6.5	6.0	6.5
11	16.0	14.5	15.5	10.0	8.5	9.0	8.5	6.0	7.0	6.5	5.5	6.0
12	15.0	13.0	14.0	8.5	7.0	8.0	11.0	8.5	10.0	5.5	4.5	5.0
13	14.5	12.5	13.5	7.5	6.5	7.0	12.0	11.0	11.5	4.5	4.0	4.5
14	15.0	12.5	14.0	9.0	7.5	8.5	11.5	9.5	10.5	4.5	3.5	4.0
15	16.0	13.5	15.0	9.0	8.0	8.5	9.5	8.0	8.5	5.0	3.0	4.0
16	17.5	15.0	16.0	8.0	6.5	7.0	8.0	6.5	7.0	7.5	5.0	6.5
17	18.0	16.0	17.0	8.5	6.5	7.5	9.0	7.5	8.0	6.5	4.0	5.5
18	18.0	16.0	17.0	9.5	8.5	9.0	8.5	7.0	7.5	4.0	2.5	3.0
19	16.0	13.0	14.5	11.0	9.5	10.5	7.5	5.5	6.5	3.0	2.0	2.5
20	13.5	11.5	12.5	12.0	10.5	11.0	5.5	3.5	4.5	3.5	1.5	2.5
21	14.0	11.5	12.5	11.5	11.0	11.5	3.5	2.0	2.5	5.0	2.5	4.0
22	15.5	12.5	14.0	11.5	10.5	11.0	3.0	1.5	2.0	7.0	4.5	5.5
23	16.0	14.5	15.0	10.5	8.5	9.5	5.0	2.5	3.5	9.0	7.0	8.0
24	15.0	12.5	14.0	9.0	7.5	8.5	7.5	5.0	6.0	9.0	8.5	8.5
25	14.5	12.5	14.0	11.5	9.0	10.0	7.0	6.0	6.5	8.5	7.5	8.0
26	16.0	14.0	15.0	12.5	11.5	12.0	6.0	4.5	5.0	8.0	7.0	7.5
27	16.5	16.0	16.0	11.5	9.0	10.0	6.5	5.0	6.0	8.0	7.0	7.5
28	18.0	16.0	17.0	9.0	7.0	8.0	8.5	6.5	7.5	9.5	8.0	8.5
29	19.5	17.0	18.0	7.0	6.0	6.5	10.5	8.5	9.5	9.5	8.5	9.0
30	20.0	18.0	19.0	7.5	6.5	7.0	12.0	10.5	11.0	8.5	8.0	8.0
31	19.0	17.0	18.0	---	---	---	14.0	12.0	13.0	8.0	7.5	7.5
MONTH	20.0	11.5	15.8	17.5	6.0	10.5	14.0	1.5	7.5	14.5	1.5	7.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	7.0	8.0	14.5	13.5	14.0	16.0	14.0	15.0	18.5	16.5	17.0
2	9.5	8.0	9.0	15.5	14.5	15.0	15.5	13.0	14.5	18.5	16.5	17.5
3	10.5	8.5	9.5	16.5	15.0	15.5	16.0	12.5	14.5	18.0	17.5	18.0
4	11.5	10.5	11.0	16.0	14.5	15.5	17.0	13.5	15.5	17.5	16.5	17.0
5	12.0	11.0	11.5	16.0	14.0	15.0	18.5	15.5	17.0	16.5	15.5	16.0
6	11.5	10.0	10.5	16.0	14.5	15.5	19.0	17.5	18.0	17.5	16.0	16.5
7	11.0	9.5	10.0	14.5	13.0	13.5	20.5	17.5	19.0	18.5	16.5	17.5
8	10.5	10.0	10.0	13.5	12.0	12.5	19.0	16.5	17.5	18.5	16.5	17.5
9	10.0	9.0	9.5	14.0	12.0	13.0	18.0	15.5	16.5	20.0	17.5	18.5
10	9.5	9.0	9.0	16.5	13.5	15.0	16.5	14.5	15.5	19.0	17.0	18.0
11	9.0	8.0	8.5	17.5	15.0	16.0	15.5	13.0	14.5	18.5	16.0	17.0
12	8.0	6.5	7.5	16.5	14.5	15.5	16.5	15.0	15.5	18.0	16.0	17.0
13	7.5	6.0	7.0	16.0	14.5	15.0	17.5	15.5	16.5	19.5	17.0	18.0
14	6.0	6.0	6.0	16.5	15.0	15.5	16.5	15.0	15.5	19.0	16.0	18.0
15	8.0	6.0	7.0	16.0	15.0	15.5	16.0	13.5	15.0	20.5	17.5	19.0
16	8.0	6.5	7.5	15.0	12.5	13.5	16.5	13.5	15.0	19.5	17.5	18.5
17	8.5	7.0	7.5	13.5	11.0	12.5	16.5	14.5	15.5	19.0	16.0	17.5
18	9.0	7.0	8.0	14.5	12.0	13.5	15.0	13.0	14.0	20.5	17.0	18.5
19	10.0	8.0	9.0	15.0	14.0	14.5	14.5	12.5	13.5	22.0	18.5	20.5
20	11.5	9.5	10.5	14.5	14.0	14.0	16.5	13.5	15.0	23.5	21.0	22.0
21	13.5	11.5	12.5	16.0	13.5	14.5	17.5	14.5	16.0	23.0	21.0	22.0
22	14.5	13.0	13.5	17.5	15.0	16.0	19.5	16.5	18.0	22.0	19.5	20.5
23	13.5	11.5	12.5	16.5	14.5	16.0	18.5	16.0	17.5	22.0	19.0	20.5
24	11.5	9.5	10.5	16.0	13.5	15.0	17.0	15.5	16.0	22.0	19.5	21.0
25	11.0	9.5	10.0	15.5	14.0	14.5	17.0	15.5	16.5	22.0	20.5	21.5
26	10.0	9.5	10.0	17.5	15.0	16.0	16.5	15.0	15.5	23.5	21.0	22.0
27	12.5	10.0	11.0	17.0	14.5	16.0	15.0	13.5	14.5	23.0	21.0	22.0
28	13.5	12.5	13.0	16.0	14.5	15.0	14.5	13.5	13.5	21.0	19.0	19.5
29	---	---	---	18.0	14.5	16.0	15.0	14.5	14.5	19.5	18.0	18.5
30	---	---	---	18.0	16.0	17.0	16.5	15.0	15.5	19.5	18.0	19.0
31	---	---	---	18.0	16.0	17.0	---	---	---	21.0	18.0	19.5
MONTH	14.5	6.0	9.6	18.0	11.0	14.9	20.5	12.5	15.7	23.5	15.5	18.9

SANTEE RIVER BASIN
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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.0	7.5	7.7	8.3	7.9	8.1	11.0	9.7	10.3	9.7	9.4	9.5
2	8.0	7.6	7.7	8.1	7.8	7.9	9.9	9.6	9.8	9.8	9.6	9.7
3	7.6	7.5	7.6	9.2	8.1	8.8	10.5	9.7	10.1	9.9	9.6	9.8
4	8.0	7.5	7.8	9.8	9.2	9.6	10.8	10.2	10.5	9.9	9.5	9.7
5	8.7	8.0	8.5	9.7	9.4	9.5	11.1	10.4	10.8	9.6	9.2	9.4
6	8.8	8.4	8.6	9.4	9.0	9.2	11.2	10.8	10.9	9.7	9.2	9.5
7	8.8	8.5	8.7	9.0	8.5	8.9	11.0	10.2	10.6	9.9	9.6	9.8
8	8.7	8.2	8.4	8.5	8.0	8.2	10.7	10.3	10.5	10.6	9.9	10.3
9	8.3	8.1	8.2	8.8	7.9	8.2	11.2	10.7	11.0	10.9	10.6	10.7
10	8.8	8.2	8.7	9.6	8.8	9.2	11.6	11.2	11.4	10.9	10.8	10.9
11	9.1	8.7	8.9	10.3	9.6	10.0	11.3	10.6	11.0	11.3	10.9	11.1
12	9.4	9.0	9.2	10.8	10.3	10.7	10.6	9.8	10.2	11.8	11.2	11.6
13	9.6	9.2	9.4	11.2	10.7	11.0	9.8	9.4	9.6	12.1	11.8	12.0
14	9.5	9.1	9.3	10.9	10.5	10.7	10.2	9.4	9.9	12.3	12.0	12.2
15	9.3	8.8	9.1	10.7	10.4	10.5	10.8	10.1	10.6	12.3	11.8	12.2
16	9.0	8.6	8.8	11.1	10.6	10.9	11.2	10.7	11.0	11.8	11.0	11.3
17	8.7	8.2	8.6	11.1	10.3	10.8	11.1	10.5	10.8	11.9	11.0	11.5
18	8.4	8.2	8.3	10.5	10.0	10.3	11.0	10.5	10.8	12.6	11.9	12.3
19	8.9	8.2	8.7	10.0	9.6	9.8	11.3	10.9	11.0	12.8	12.5	12.7
20	9.5	8.9	9.3	9.7	9.5	9.6	12.3	11.3	11.8	12.8	12.4	12.6
21	9.6	9.2	9.4	9.7	9.4	9.5	12.8	12.2	12.6	12.5	12.0	12.3
22	9.3	8.7	9.1	9.9	9.4	9.6	13.1	12.7	12.9	12.0	11.2	11.7
23	8.8	8.5	8.7	10.5	9.8	10.2	12.8	11.9	12.5	11.2	10.7	11.0
24	9.2	8.6	8.9	10.9	10.4	10.7	11.9	11.0	11.5	10.7	10.5	10.6
25	9.3	8.8	9.0	10.7	10.0	10.4	11.4	11.0	11.3	10.8	10.6	10.7
26	8.9	8.6	8.8	10.1	9.7	9.8	11.9	11.4	11.8	11.0	10.6	10.8
27	8.7	8.4	8.6	10.6	9.7	10.2	11.8	11.4	11.7	11.1	10.9	11.0
28	8.5	7.9	8.3	11.2	10.4	10.9	11.4	10.8	11.2	11.0	10.6	10.8
29	8.2	7.7	8.0	11.5	11.0	11.3	10.8	10.3	10.6	10.8	10.5	10.6
30	7.8	7.4	7.6	11.6	10.9	11.2	10.3	9.9	10.1	10.9	10.7	10.8
31	8.1	7.5	7.9	---	---	---	9.9	9.4	9.7	11.0	10.9	10.9
MONTH	9.6	7.4	8.6	11.6	7.8	9.9	13.1	9.4	10.9	12.8	9.2	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.7	10.9	9.4	8.6	9.0	9.4	8.9	9.2	8.4	8.1	8.3
2	10.7	10.5	10.6	8.6	8.5	8.6	9.7	9.3	9.5	8.8	8.1	8.4
3	10.6	10.3	10.5	8.6	8.5	8.6	9.8	9.3	9.6	8.5	8.2	8.3
4	10.3	10.0	10.2	9.0	8.5	8.8	9.5	9.0	9.3	8.6	8.4	8.5
5	10.1	9.9	10.0	9.3	9.0	9.2	9.2	8.6	9.0	8.6	8.4	8.5
6	10.4	10.0	10.2	9.3	9.0	9.1	8.6	8.3	8.5	8.5	8.4	8.5
7	10.5	10.2	10.3	9.7	9.3	9.6	8.5	8.2	8.3	8.8	8.3	8.4
8	10.3	10.2	10.3	9.9	9.6	9.8	8.8	8.2	8.6	9.0	8.2	8.5
9	10.5	10.3	10.4	9.9	9.6	9.8	9.0	8.7	8.8	8.2	7.9	8.1
10	10.7	10.5	10.6	9.6	8.9	9.3	9.3	8.7	9.1	9.1	8.0	8.8
11	10.9	10.6	10.8	9.1	8.8	8.9	9.5	9.1	9.3	9.8	9.0	9.4
12	11.2	10.8	11.1	9.2	8.8	9.1	9.1	8.6	8.9	9.5	8.5	9.0
13	11.3	11.1	11.2	9.4	9.1	9.3	8.7	8.5	8.6	8.8	7.6	8.2
14	11.5	11.3	11.4	9.3	8.8	9.1	9.1	8.5	8.9	8.1	7.7	7.9
15	11.4	10.9	11.2	9.1	8.8	9.0	9.4	9.0	9.2	7.9	7.7	7.8
16	11.1	10.9	11.0	9.7	9.1	9.6	9.4	8.9	9.2	8.1	7.8	7.9
17	11.2	11.0	11.1	10.2	9.7	9.9	9.0	8.7	8.9	8.2	7.8	8.0
18	11.3	11.0	11.1	9.8	9.4	9.7	9.3	8.6	9.0	8.3	7.8	8.0
19	11.0	10.6	10.9	9.4	9.1	9.3	9.2	8.9	9.0	8.3	7.4	7.7
20	10.6	10.2	10.4	9.3	9.1	9.3	9.0	7.9	8.5	7.6	7.2	7.5
21	10.2	9.5	9.9	9.4	9.1	9.3	8.9	8.0	8.4	7.9	7.3	7.5
22	9.6	9.4	9.5	9.1	8.7	8.9	8.8	8.0	8.3	8.4	7.5	7.8
23	10.1	9.4	9.8	9.3	8.8	9.1	8.3	7.9	8.1	7.8	7.5	7.7
24	10.5	10.1	10.3	9.6	9.2	9.4	8.8	8.3	8.6	7.8	7.5	7.6
25	10.4	10.3	10.3	9.6	9.3	9.5	9.0	8.6	8.8	7.6	7.4	7.5
26	10.4	10.2	10.3	9.3	8.9	9.1	9.0	8.8	8.9	7.6	7.3	7.5
27	10.3	9.8	10.1	9.4	9.0	9.2	9.1	8.6	9.0	---	---	---
28	9.8	9.4	9.6	9.3	9.1	9.2	8.9	8.6	8.8	---	---	---
29	---	---	---	9.3	8.8	9.1	8.8	8.3	8.5	---	---	---
30	---	---	---	9.0	8.6	8.8	8.6	8.3	8.4	8.7	8.4	8.5
31	---	---	---	8.9	8.6	8.8	---	---	---	8.8	8.1	8.4
MONTH	11.5	9.4	10.5	10.2	8.5	9.2	9.8	7.9	8.8	9.8	7.2	8.1

SANTEE RIVER BASIN
021603257 BRUSHY CREEK NEAR PELHAM, SC

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LOCATION.--Lat 34°51'58", long 82°15'23", Greenville County, Hydrologic Unit 03050108, on downstream side of bridge on Parkway Road, 0.75 mi north of intersection of I-85 and Pelham Road and at mile 1.5.

DRAINAGE AREA.--13.8 mi².

PERIOD OF RECORD.--October 1995 to September 1997 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 800 ft above sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	11	300	14	15	124	17	23	62	12	7.7	4.1
2	12	19	37	13	15	38	18	20	22	11	6.9	4.3
3	11	11	22	13	15	36	17	234	15	10	6.5	4.7
4	11	11	19	13	16	24	16	34	14	9.8	6.3	4.2
5	11	12	19	22	26	30	15	23	14	11	6.0	4.1
6	11	14	18	14	16	40	45	20	13	10	5.5	4.3
7	13	11	20	14	15	23	28	19	13	10	5.4	4.2
8	18	88	16	15	26	22	20	17	13	10	5.3	4.6
9	14	18	15	135	17	22	20	16	13	16	5.3	5.3
10	11	15	15	29	17	20	18	15	12	26	5.4	25
11	11	14	14	21	16	20	19	14	12	64	5.2	32
12	11	14	35	17	15	20	40	14	69	14	4.9	9.2
13	10	13	31	16	76	21	20	14	118	11	23	8.5
14	10	13	17	16	78	36	19	14	51	11	14	7.5
15	10	13	15	15	98	19	19	13	42	10	12	7.7
16	10	13	15	46	30	18	19	13	15	13	10	6.6
17	10	13	18	21	23	18	19	13	14	11	5.7	6.5
18	10	20	16	20	20	18	19	13	13	9.7	5.2	7.2
19	10	18	23	18	18	27	18	13	12	9.0	5.1	6.1
20	9.9	14	15	18	17	21	17	13	12	9.8	4.9	5.2
21	10	43	14	16	26	18	17	12	12	9.9	5.0	5.3
22	10	21	14	15	22	16	67	12	22	9.8	4.9	5.4
23	11	14	14	16	20	16	47	12	13	198	4.8	5.5
24	10	14	15	104	17	15	25	12	11	305	5.0	58
25	11	16	14	77	16	17	19	19	10	99	5.7	81
26	10	54	13	26	17	21	18	16	10	16	5.7	14
27	12	15	14	24	38	18	41	13	39	11	4.8	9.6
28	11	14	14	27	401	21	211	26	18	9.6	4.2	46
29	11	13	16	18	---	39	89	14	12	9.1	3.9	17
30	12	21	14	17	---	19	31	14	11	13	3.9	11
31	11	---	14	16	---	18	---	23	---	20	4.0	---
TOTAL	346.9	580	836	846	1126	815	988	728	707	988.7	202.2	414.1
MEAN	11.2	19.3	27.0	27.3	40.2	26.3	32.9	23.5	23.6	31.9	6.52	13.8
MAX	18	88	300	135	401	124	211	234	118	305	23	81
MIN	9.9	11	13	13	15	15	15	12	10	9.0	3.9	4.1
CFSM	.81	1.40	1.95	1.98	2.91	1.91	2.39	1.70	1.71	2.31	.47	1.00
IN.	.94	1.56	2.25	2.28	3.04	2.20	2.66	1.96	1.91	2.67	.55	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
MEAN	20.2	27.5	23.7	33.0	37.9	36.9	28.8	25.0	22.8	26.4	18.0	17.0
MAX	29.2	35.8	27.0	38.6	40.2	47.5	32.9	26.5	23.6	31.9	29.5	20.3
(WY)	1996	1996	1997	1996	1997	1996	1997	1996	1997	1997	1996	1996
MIN	11.2	19.3	20.5	27.3	35.8	26.3	24.7	23.5	22.1	21.0	6.52	13.8
(WY)	1997	1997	1996	1997	1996	1997	1996	1997	1996	1996	1997	1997

Santee River Basin
021603257 BRUSHY CREEK NEAR PELHAM, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1996 - 1997	
ANNUAL TOTAL	9870.1		8577.9			
ANNUAL MEAN	27.0		23.5		26.4	
HIGHEST ANNUAL MEAN					29.3	1996
LOWEST ANNUAL MEAN					23.5	1997
HIGHEST DAILY MEAN	414	Jan 27	401	Feb 28	414	Jan 27 1996
LOWEST DAILY MEAN	9.3	Sep 15	*** 3.9	Aug 29	3.9	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	10	Oct 14	4.2	Aug 28	4.2	Aug 28 1997
INSTANTANEOUS PEAK FLOW			* 1150	Jul 24	* 1150	** Jan 27 1996
INSTANTANEOUS PEAK STAGE			8.72	Jul 24	8.72	Jul 24 1997
ANNUAL RUNOFF (CFSM)	1.95		1.70		1.91	
ANNUAL RUNOFF (INCHES)	26.61		23.12		25.99	
10 PERCENT EXCEEDS	37		38		40	
50 PERCENT EXCEEDS	19		15		18	
90 PERCENT EXCEEDS	12		6.1		10	

*From rating curve extended above 600 ft³/s.

**Also occurred Jul. 24, 1997.

***Also occurred Aug. 30.

SANTEE RIVER BASIN
02160326 ENOREE RIVER AT PELHAM, SC

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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.

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, Feb. 16 - 24, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	81	1050	103	144	1630	131	193	312	101	90	46
2	100	108	943	101	136	477	129	154	199	93	81	46
3	98	91	265	100	134	338	128	766	170	85	77	47
4	89	81	186	99	138	296	127	448	123	79	75	47
5	85	84	160	135	189	232	127	214	111	76	74	44
6	82	91	152	123	150	275	185	171	105	73	73	43
7	87	87	147	107	138	200	188	152	103	73	72	42
8	125	369	132	104	184	181	129	139	103	74	71	43
9	104	188	115	571	150	170	122	134	100	81	71	45
10	89	107	110	353	140	165	118	122	99	122	71	72
11	87	94	107	192	138	162	122	116	97	482	71	119
12	81	90	148	153	131	155	202	114	158	132	68	67
13	82	88	249	139	309	159	171	114	330	99	81	56
14	82	88	138	129	419	253	126	111	191	89	103	54
15	80	84	120	124	785	174	122	109	432	83	70	52
16	77	84	114	271	347	156	121	106	133	84	84	51
17	80	83	130	158	187	150	120	106	114	80	65	50
18	81	95	123	134	150	150	115	105	107	85	62	50
19	78	121	158	128	143	175	114	104	101	75	61	53
20	76	96	124	123	138	169	115	105	96	71	59	49
21	77	150	114	120	159	151	114	103	99	74	60	46
22	79	141	107	119	170	147	237	99	127	85	56	45
23	81	101	106	135	141	141	239	98	128	348	52	46
24	79	92	108	388	139	137	160	96	97	666	51	130
25	78	93	107	650	139	137	127	119	92	314	52	266
26	76	251	102	282	140	157	117	133	90	127	54	104
27	83	111	103	198	183	140	164	106	303	105	52	74
28	87	107	102	204	1120	144	550	166	176	97	51	127
29	83	106	110	175	---	233	787	112	114	92	50	143
30	84	126	109	156	---	153	297	113	108	96	47	79
31	82	---	104	150	---	139	---	120	---	122	46	---
TOTAL	2668	3488	5843	5924	6441	7346	5504	4848	4518	4263	2050	2136
MEAN	86.1	116	188	191	230	237	183	156	151	138	66.1	71.2
MAX	125	369	1050	650	1120	1630	787	766	432	666	103	266
MIN	76	81	102	99	131	137	114	96	90	71	46	42
CFSM	1.02	1.38	2.24	2.27	2.73	2.81	2.18	1.86	1.79	1.63	.79	.85
IN.	1.18	1.54	2.58	2.62	2.85	3.25	2.43	2.14	2.00	1.88	.91	.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1997, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997
MEAN	127	147	163	241	250
MAX	226	252	200	337	308
(WY)	1996	1995	1994	1993	1992
MIN	57.0	97.7	107	155	181
(WY)	1994	1993	1992	1991	1990

SANTEE RIVER BASIN
02160326 ENOREE RIVER AT PELHAM, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1993 - 1997	
ANNUAL TOTAL	67495		55029		178	
ANNUAL MEAN	184		151		204	1996
HIGHEST ANNUAL MEAN					151	1997
LOWEST ANNUAL MEAN					8500	Aug 27 1995
HIGHEST DAILY MEAN	1720	Jan 27	1630	Mar 1	42	Oct 11 1993
LOWEST DAILY MEAN	75 ***	Jul 24	42	Sep 7	44	Sep 3 1997
ANNUAL SEVEN-DAY MINIMUM	78	Oct 20	44	Sep 3	* 11300	Aug 27 1995
INSTANTANEOUS PEAK FLOW			2290	Feb 28	** 22.98	Aug 27 1995
INSTANTANEOUS PEAK STAGE			10.90	Feb 28	2.11	
ANNUAL RUNOFF (CFSM)	2.19		1.79		28.71	
ANNUAL RUNOFF (INCHES)	29.82		24.31		280	
10 PERCENT EXCEEDS	295		250		123	
50 PERCENT EXCEEDS	142		114		66	
90 PERCENT EXCEEDS	84		68			

* From rating curve extended above 3000 ft³/s on basis of contracted-opening and flow-over-road measurement of peak flow.

** From floodmarks.

*** Also occurred on Sept. 15.

SANTEE RIVER BASIN
02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC

163

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, Dec. 1, Jan. 9, 25, Feb. 15, 28, Mar. 1, June 14, 15, 22, July 11, 23, 24, Sept. 28 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	5.0	77	8.2	17	231	15	15	25	21	12	6.9
2	8.8	7.7	25	8.0	16	46	15	12	12	14	11	7.2
3	7.8	5.3	13	7.8	16	36	14	61	11	9.3	11	7.2
4	6.4	5.2	10	7.7	16	31	14	23	10	7.8	10	7.1
5	6.0	5.5	10	12	24	30	14	17	9.8	7.2	9.9	7.0
6	5.8	5.5	9.5	8.6	18	33	14	15	9.5	6.9	9.1	6.4
7	6.6	5.6	10	8.5	17	27	13	14	9.7	6.9	8.9	5.7
8	12	40	8.8	8.3	28	26	13	13	9.5	6.9	8.4	6.1
9	7.1	10	8.2	116	20	23	13	13	9.3	15	8.6	6.5
10	6.4	7.4	8.0	31	20	22	12	12	9.0	12	9.0	9.7
11	6.4	6.8	8.0	21	18	21	13	11	8.7	55	9.5	8.5
12	5.9	6.6	13	16	17	21	17	11	9.0	13	8.8	7.4
13	5.4	6.4	23	15	60	21	13	10	29	9.9	8.1	6.7
14	5.4	6.4	11	13	77	35	12	9.3	18	9.1	7.7	5.5
15	5.0	6.3	9.9	13	107	18	12	8.7	33	8.5	7.4	5.5
16	4.8	6.5	9.4	30	31	17	12	7.8	13	7.8	7.1	5.2
17	4.8	6.6	11	16	23	16	12	8.2	11	6.9	7.2	5.2
18	5.0	7.7	9.9	14	20	16	12	8.4	12	7.1	8.2	5.4
19	5.0	8.5	16	13	19	27	12	9.6	10	6.5	14	5.9
20	5.0	6.7	10	13	18	22	12	12	9.4	6.5	7.7	6.8
21	5.0	8.1	9.3	13	21	18	12	10	19	6.8	7.6	7.0
22	5.0	8.1	9.0	13	20	17	16	8.6	43	6.8	7.4	7.1
23	5.0	6.8	8.9	12	16	16	15	8.1	23	66	8.1	6.9
24	4.9	6.8	8.8	47	16	15	13	8.0	13	59	7.8	26
25	4.9	6.6	8.3	126	17	15	12	15	11	20	7.9	38
26	4.6	9.0	8.1	28	18	17	11	14	9.7	15	7.8	9.9
27	4.5	6.9	8.2	21	21	15	23	10	13	13	7.8	8.0
28	4.6	6.6	8.0	21	310	17	45	15	14	15	9.0	11
29	4.7	6.5	8.0	19	---	28	24	11	12	12	7.4	8.0
30	5.0	7.0	7.9	19	---	17	18	11	11	12	6.9	6.5
31	4.9	---	8.0	18	---	16	---	11	---	23	6.9	---
TOTAL	187.7	238.1	393.2	717.1	1021	910	453	412.7	436.6	485.9	268.2	260.3
MEAN	6.05	7.94	12.7	23.1	36.5	29.4	15.1	13.3	14.6	15.7	8.65	8.68
MAX	15	40	77	126	310	231	45	61	43	66	14	38
MIN	4.5	5.0	7.9	7.7	16	15	11	7.8	8.7	6.5	6.9	5.2
CFSM	.43	.57	.91	1.65	2.60	2.10	1.08	.95	1.04	1.12	.62	.62
IN.	.50	.63	1.04	1.91	2.71	2.42	1.20	1.10	1.16	1.29	.71	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1997, BY WATER YEAR (WY)

	1994	1995	1996	1997
MEAN	10.8	14.1	16.4	31.3
MAX	14.6	23.5	23.5	47.3
(WY)	1995	1996	1995	1997
MIN	6.05	7.94	12.7	23.1
(WY)	1997	1997	1997	1996

SANTEE RIVER BASIN
02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1994 - 1997	
ANNUAL TOTAL	5857.9		5783.8		18.5	
ANNUAL MEAN	16.0		15.8		22.0	1995
HIGHEST ANNUAL MEAN					15.8	1997
LOWEST ANNUAL MEAN					800	Aug 27 1995
HIGHEST DAILY MEAN	250	Mar 7	310	Feb 28	2.3	Aug 19 1995
LOWEST DAILY MEAN	4.1	Jul 4	4.5	Oct 27	2.7	Aug 15 1995
ANNUAL SEVEN-DAY MINIMUM	4.7	Oct 23	4.7	Oct 23	Unknown	Aug 27 1995
INSTANTANEOUS PEAK FLOW			Unknown	Feb 28	* 14.58	Aug 27 1995
INSTANTANEOUS PEAK STAGE			7.28	Feb 28	1.32	
ANNUAL RUNOFF (CFSM)	1.14		1.13		17.99	
ANNUAL RUNOFF (INCHES)	15.57		15.37		25	
10 PERCENT EXCEEDS	25		25		11	
50 PERCENT EXCEEDS	10		11		6.0	
90 PERCENT EXCEEDS	5.3		6.2			

* From floodmarks.

SANTEE RIVER BASIN
02160390 ENOREE RIVER NEAR WOODRUFF, SC

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LOCATION.--Lat 34°41'00", long 82°02'24", Spartanburg County-Laurens County Line, Hydrologic Unit 03050108, on downstream side of bridge on S.C. Highway 202, 0.7 mi downstream from Durbin Creek, and 4.0 mi south of Woodruff.

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, Oct. 6, 7, 15 - 17, Mar. 11, Aug. 28 - 31, Sept. 1 - 11, 14 - 22, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	450	180	1150	273	405	4430	367	493	529	241	343	137
2	282	203	2210	271	388	2130	355	406	414	263	287	133
3	246	244	827	266	370	1030	350	991	381	222	265	129
4	228	192	521	261	367	859	346	1170	306	208	252	125
5	209	186	431	285	436	701	340	586	269	200	243	121
6	200	191	409	346	439	738	347	466	249	197	234	117
7	220	196	377	287	376	623	441	409	239	193	223	114
8	304	487	383	271	460	556	351	376	238	192	219	110
9	279	642	329	1360	460	520	321	357	233	210	213	108
10	229	317	309	1140	395	491	310	333	226	302	212	106
11	205	261	299	613	389	480	304	310	218	1600	213	205
12	199	237	305	474	365	452	349	300	218	525	209	200
13	195	225	668	411	468	438	438	294	862	311	202	157
14	194	220	457	380	1350	644	335	282	392	260	230	149
15	190	214	366	358	1970	545	310	272	994	240	206	141
16	180	205	333	598	1100	451	301	258	451	229	196	133
17	170	204	338	522	679	425	295	250	332	220	202	125
18	179	209	347	409	560	414	287	248	298	200	177	117
19	176	270	415	376	503	446	281	244	276	197	179	110
20	173	246	379	357	464	569	281	273	251	179	168	102
21	170	224	326	345	451	448	277	264	268	174	165	97
22	171	381	308	333	549	419	416	233	321	195	163	95
23	172	271	299	338	458	393	459	223	424	706	159	91
24	173	230	296	484	419	375	410	215	284	2680	158	170
25	171	221	300	2110	404	371	330	225	242	1290	157	628
26	170	458	286	930	398	408	298	302	225	526	156	403
27	170	350	279	605	405	395	309	254	242	383	156	230
28	182	259	279	524	1980	377	799	298	541	331	152	201
29	184	251	277	509	---	532	1230	294	313	382	149	303
30	185	250	289	448	---	497	770	253	255	321	145	237
31	186	---	277	424	---	395	---	257	---	484	141	---
TOTAL	6442	8024	14069	16308	17008	21552	12007	11136	10491	13661	6174	5094
MEAN	208	267	454	526	607	695	400	359	350	441	199	170
MAX	450	642	2210	2110	1980	4430	1230	1170	994	2680	343	628
MIN	170	180	277	261	365	371	277	215	218	174	141	91
CFSM	.83	1.07	1.82	2.11	2.44	2.79	1.61	1.44	1.40	1.77	.80	.68
IN.	.96	1.20	2.10	2.44	2.54	3.22	1.79	1.66	1.57	2.04	.92	.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1997, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997
MEAN	281	365	425	566	619
MAX	494	728	592	733	732
(WY)	1996	1995	1995	1996	1993
MIN	113	204	233	332	411
(WY)	1994	1994	1994	1994	1994

SANTEE RIVER BASIN
02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1993 - 1997	
ANNUAL TOTAL	158511		141965			
ANNUAL MEAN	433		389		420	
HIGHEST ANNUAL MEAN					492	1996
LOWEST ANNUAL MEAN					323	1994
HIGHEST DAILY MEAN	4430	Feb 3	4430	Mar 1	20000	Aug 27 1995
LOWEST DAILY MEAN	155 ***	Jul 14	91	Sep 23	88	Oct 11 1993
ANNUAL SEVEN-DAY MINIMUM	167	Jul 2	105	Sep 17	92	Oct 6 1993
INSTANTANEOUS PEAK FLOW			4910	Mar 1	* 52200	Aug 27 1995
INSTANTANEOUS PEAK STAGE			14.57	Mar 1	** 29.90	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.74		1.56		1.69	
ANNUAL RUNOFF (INCHES)	23.68		21.21		22.94	
10 PERCENT EXCEEDS	683		601		679	
50 PERCENT EXCEEDS	336		298		310	
90 PERCENT EXCEEDS	184		170		155	

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

** From floodmarks.

*** Also occurred on July 23.

**SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC**

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LOCATION.--Lat 34°30'33", long 81°35'54", Union County, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1770	210	358	334	578	3390	496	1020	337	310	923	174
2	617	232	1590	331	538	4930	461	701	566	303	588	171
3	385	244	2240	325	505	3690	449	690	490	304	476	167
4	304	256	841	318	501	1430	434	1580	426	271	418	166
5	261	233	574	320	491	1090	421	1300	359	251	382	161
6	245	239	511	350	558	925	422	737	322	236	354	156
7	235	231	491	383	533	910	441	612	307	225	333	157
8	613	309	481	341	689	759	502	541	302	220	315	151
9	482	979	447	934	755	686	426	498	294	218	305	151
10	352	633	392	2130	622	639	388	460	286	228	301	155
11	287	392	368	1430	552	603	380	426	283	659	296	169
12	256	320	358	754	523	572	390	405	268	1360	290	205
13	242	289	847	597	679	546	456	390	295	591	278	222
14	233	274	926	520	2130	719	483	376	833	400	269	185
15	228	266	582	477	3000	894	402	375	953	328	282	170
16	226	258	472	631	3190	672	375	347	978	286	277	163
17	222	252	436	838	1600	579	365	333	493	261	255	159
18	217	253	441	627	940	547	356	323	400	250	260	157
19	215	273	486	515	774	536	348	316	368	236	239	156
20	212	301	525	471	694	692	350	318	328	232	233	155
21	209	295	459	447	638	692	344	336	308	239	226	153
22	209	281	404	433	704	573	366	324	625	216	227	147
23	210	377	384	424	724	526	549	297	593	250	212	142
24	214	312	374	427	601	489	547	282	565	4010	192	142
25	207	277	368	1320	553	471	472	276	410	7600	193	256
26	207	273	359	2920	529	560	401	290	332	2350	191	619
27	208	435	347	1280	526	542	517	345	313	1120	196	407
28	208	367	338	834	898	507	1640	314	306	909	185	288
29	211	293	341	731	---	584	2330	342	538	783	185	255
30	214	288	336	676	---	705	2170	345	362	891	177	300
31	208	---	341	611	---	587	---	311	---	1060	179	---
TOTAL	9907	9642	17417	22729	25025	31045	17681	15210	13240	26597	9237	6059
MEAN	320	321	562	733	894	1001	589	491	441	858	298	202
MAX	1770	979	2240	2920	3190	4930	2330	1580	978	7600	923	619
MIN	207	210	336	318	491	471	344	276	268	216	177	142
CFSM	.72	.72	1.27	1.65	2.01	2.26	1.33	1.11	.99	1.93	.67	.45
IN.	.83	.81	1.46	1.90	2.10	2.60	1.48	1.27	1.11	2.23	.77	.51
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)												
MEAN	460	473	584	857	874	1038	718	551	396	341	388	281
MAX	1654	1236	1537	1680	1554	2076	1418	1407	599	858	1660	714
(WY)	1977	1993	1984	1993	1990	1993	1979	1984	1975	1997	1995	1975
MIN	130	152	212	285	339	359	289	214	135	104	76.1	150
(WY)	1982	1982	1989	1989	1986	1988	1986	1988	1988	1986	1988	1981

SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1974 - 1997	
ANNUAL TOTAL	207121		203789			
ANNUAL MEAN	566		558		579	
HIGHEST ANNUAL MEAN					859	1984
LOWEST ANNUAL MEAN					267	1988
HIGHEST DAILY MEAN	5340	Feb 4	7600	Jul 25	22700	Aug 29 1995
LOWEST DAILY MEAN	189	Jul 22	142	* Sep 23	51	Oct 9 1981
ANNUAL SEVEN-DAY MINIMUM	203	Jul 3	150	Sep 18	57	Oct 5 1981
INSTANTANEOUS PEAK FLOW			10900	Jul 25	31200	Aug 28 1995
INSTANTANEOUS PEAK STAGE			29.73	Jul 25	37.32	Aug 28 1995
INSTANTANEOUS LOW FLOW			140	Sep 24	50	Oct 9 1981
ANNUAL RUNOFF (CFSM)	1.27		1.26		1.30	
ANNUAL RUNOFF (INCHES)	17.35		17.07		17.72	
10 PERCENT EXCEEDS	961		924		1020	
50 PERCENT EXCEEDS	396		375		402	
90 PERCENT EXCEEDS	214		209		176	

*Also occurred on Sept. 24.

SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 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, 122 microsiemens, Sept. 23; minimum, 31 microsiemens, July 24.

pH: Maximum, 7.6 units, May 25; minimum, 6.1 units, July 24.

WATER TEMPERATURE: Maximum, 28.5°C, July 22, Aug. 17, 18; minimum, 2.0°C, Dec. 22, Jan. 20.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Jan. 20; minimum, 6.0 mg/L, July 11, 24.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	64	48	53	108	105	107	96	87	92	83	79	82
2	70	63	66	105	103	104	88	53	69	83	80	81
3	78	70	75	106	103	104	56	53	54	84	80	83
4	86	75	81	109	105	107	63	56	59	84	83	83
5	90	86	88	110	105	108	70	63	66	84	81	83
6	96	90	93	105	102	104	75	70	72	87	83	84
7	99	96	98	105	102	103	79	75	77	86	83	84
8	98	68	76	104	92	100	84	79	82	88	78	82
9	89	74	82	92	70	79	85	82	83	80	61	68
10	92	89	90	89	72	79	87	82	85	63	54	59
11	91	88	90	80	73	77	88	83	86	63	55	60
12	95	89	92	83	78	81	87	84	85	69	61	65
13	98	94	96	89	82	86	85	65	78	73	68	70
14	103	98	100	94	89	91	80	65	73	74	71	73
15	103	100	101	100	93	94	76	70	73	77	72	74
16	104	99	101	100	96	97	80	76	77	77	68	73
17	100	98	99	103	98	101	82	79	80	77	69	72
18	101	97	99	104	102	103	85	80	82	78	71	73
19	105	99	101	105	101	103	82	80	81	81	71	74
20	102	100	101	105	100	102	83	79	81	78	76	77
21	104	101	103	103	98	100	86	80	82	79	76	78
22	107	104	106	98	95	96	86	82	84	80	77	78
23	108	106	107	103	95	98	89	83	86	79	77	78
24	108	106	107	108	91	102	87	83	85	82	79	81
25	108	104	106	98	90	94	85	82	84	80	56	70
26	107	104	106	101	97	99	86	82	83	56	50	52
27	110	106	108	102	100	101	84	80	82	59	53	56
28	111	109	110	103	76	88	84	81	82	62	59	61
29	111	109	110	87	77	83	83	80	82	66	62	64
30	113	110	112	95	87	91	83	81	82	69	65	68
31	111	108	110	---	---	---	83	81	82	73	69	71
MONTH	113	48	96	110	70	96	96	53	79	88	50	73

SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	77	73	75	61	46	52	78	70	75	57	53	54
2	78	77	78	50	44	47	81	73	76	65	56	62
3	81	78	79	54	44	50	80	74	78	68	63	65
4	83	78	81	63	53	57	81	77	78	68	52	61
5	83	75	78	65	56	61	84	79	82	56	52	55
6	80	76	78	68	61	65	88	79	85	62	56	60
7	80	77	78	72	65	68	87	81	84	68	62	65
8	79	67	72	73	66	70	83	76	80	71	65	68
9	75	68	72	76	69	73	78	73	75	74	70	72
10	78	74	76	77	72	74	76	74	75	79	73	76
11	76	72	74	77	72	74	80	76	77	81	78	79
12	75	73	74	77	73	75	80	78	79	84	79	81
13	75	53	69	77	73	75	83	79	81	85	80	83
14	56	52	54	84	72	77	83	81	82	83	78	81
15	55	46	49	80	72	75	82	76	78	82	78	81
16	52	47	50	79	73	76	78	75	77	85	81	83
17	55	51	53	78	72	74	80	77	78	87	83	85
18	63	55	58	76	71	73	86	78	82	91	84	88
19	63	59	61	74	72	73	85	81	83	94	87	91
20	67	63	65	74	70	73	86	82	85	95	88	91
21	71	67	69	75	69	72	93	85	88	89	84	87
22	74	69	71	79	70	74	88	79	84	85	81	83
23	76	70	73	80	74	77	---	---	---	86	81	83
24	78	72	75	82	76	79	---	---	---	89	84	87
25	79	74	77	83	75	79	75	72	73	91	89	90
26	79	74	77	80	70	74	75	69	72	94	90	92
27	81	76	79	76	74	75	74	39	69	93	87	91
28	82	60	77	80	74	77	59	39	51	88	81	85
29	---	---	---	79	75	77	58	46	51	84	80	82
30	---	---	---	83	76	78	53	49	51	83	79	81
31	---	---	---	79	71	76	---	---	---	81	79	80
MONTH	83	46	70	84	44	71	93	39	76	95	52	78
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	85	80	83	79	73	77	69	58	61	111	109	110
2	87	80	84	84	78	82	74	68	72	115	110	112
3	83	59	71	87	82	84	78	74	76	115	112	114
4	76	69	71	88	85	86	84	78	81	115	113	114
5	76	72	74	91	86	88	88	82	84	113	111	112
6	81	74	76	93	89	91	87	85	86	112	107	110
7	86	78	82	96	91	93	87	85	86	109	107	108
8	91	82	85	100	90	95	89	86	88	111	108	109
9	93	85	89	99	89	94	92	89	90	113	109	112
10	95	88	91	97	89	93	93	90	91	116	112	113
11	94	87	90	92	48	82	96	92	93	116	111	114
12	88	85	87	58	47	53	99	93	96	117	112	115
13	90	83	86	60	54	58	99	95	97	120	115	118
14	89	51	75	72	57	67	97	94	96	120	109	116
15	62	42	53	74	67	72	96	94	95	109	105	106
16	63	52	59	79	73	77	101	95	98	109	104	106
17	62	54	58	83	78	80	103	97	100	113	107	111
18	70	62	66	87	82	85	100	97	99	117	113	116
19	76	70	74	92	87	90	104	98	101	117	114	116
20	84	75	81	96	91	93	102	99	101	116	112	114
21	89	83	86	103	90	98	101	98	100	115	112	113
22	91	60	82	100	86	95	101	97	99	117	112	115
23	77	58	67	110	86	103	105	98	102	122	116	119
24	81	72	76	90	31	48	107	103	105	120	117	119
25	76	72	74	---	---	---	106	105	106	117	103	110
26	84	73	79	---	---	---	108	105	107	107	83	98
27	91	78	86	---	---	---	110	107	108	83	76	80
28	94	85	91	---	---	---	112	108	110	80	76	77
29	100	85	94	60	58	59	112	108	110	89	80	86
30	85	70	74	64	57	61	111	107	109	98	88	92
31	---	---	---	63	55	58	111	108	109	---	---	---
MONTH	100	42	78	110	31	80	112	58	95	122	76	109
YEAR	122	31	84									

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

SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.5	17.0	17.5	17.5	16.0	17.0	10.5	8.0	9.5	14.0	13.0	13.5
2	18.0	17.5	18.0	17.0	15.0	16.5	11.0	10.5	10.5	13.0	12.5	12.5
3	19.5	18.0	19.0	15.0	11.5	13.5	10.5	9.5	10.0	13.5	12.0	13.0
4	19.5	17.5	18.5	12.0	10.5	11.5	9.5	8.0	8.5	14.0	12.5	13.0
5	17.5	16.0	16.5	12.0	11.0	11.5	8.0	7.5	8.0	15.5	14.0	14.5
6	17.0	16.0	16.5	13.5	12.0	12.5	8.0	7.0	7.5	14.0	13.0	13.5
7	16.5	15.5	16.0	15.0	13.5	14.0	9.0	7.5	8.5	13.0	11.5	12.5
8	16.5	15.5	16.0	16.5	15.0	15.5	9.0	7.5	8.0	11.5	8.5	10.0
9	18.0	16.5	17.0	15.5	13.5	14.5	7.5	6.5	7.0	8.5	7.0	7.5
10	17.0	16.0	16.5	13.5	11.0	12.5	6.5	5.5	6.0	7.0	6.5	6.5
11	16.5	15.0	15.5	11.0	9.0	10.0	8.5	6.0	7.5	6.5	5.5	6.0
12	15.5	13.5	14.5	9.0	8.0	8.5	10.5	8.5	10.0	5.5	4.5	5.0
13	15.0	13.0	14.0	8.0	7.0	7.5	12.0	10.5	11.5	5.0	4.0	4.5
14	15.0	12.5	14.0	9.5	8.0	8.5	12.0	10.0	11.0	4.5	3.5	4.0
15	16.0	13.5	15.0	9.5	8.0	9.0	10.0	8.5	9.5	5.0	3.5	4.0
16	17.0	15.0	16.0	8.0	7.0	7.5	8.5	7.5	8.0	7.0	5.0	6.0
17	18.0	16.0	17.0	9.0	7.0	8.0	9.0	8.0	8.5	6.5	4.5	5.5
18	18.0	16.5	17.0	10.0	9.0	9.5	8.5	8.0	8.0	4.5	3.0	3.5
19	16.5	13.5	15.0	11.0	10.0	10.5	8.0	6.0	7.0	3.5	3.0	3.0
20	14.0	12.0	13.0	12.0	10.5	11.5	6.0	4.0	5.0	3.5	2.0	2.5
21	14.0	11.5	13.0	12.0	11.0	11.5	4.0	3.0	3.5	4.5	3.0	4.0
22	15.5	13.0	14.0	12.0	10.5	11.0	3.5	2.0	3.0	6.5	4.5	5.5
23	16.5	14.5	15.0	10.5	9.0	9.5	5.0	3.0	4.0	8.5	6.5	7.5
24	15.0	13.0	14.0	9.5	8.0	8.5	7.0	5.0	6.0	9.0	8.5	8.5
25	15.0	12.5	14.0	11.5	9.0	10.0	7.0	6.0	6.5	8.5	8.0	8.0
26	16.0	14.5	15.0	13.0	11.5	12.0	6.0	5.0	5.5	8.0	7.0	7.5
27	16.5	16.0	16.0	11.5	9.5	10.5	7.0	5.5	6.0	8.0	7.0	7.5
28	18.0	16.0	17.0	9.5	8.0	9.0	8.5	7.0	7.5	9.0	8.0	8.5
29	19.0	17.0	18.0	8.0	7.0	7.0	10.0	8.5	9.5	9.5	8.5	9.0
30	20.0	18.0	19.0	8.0	7.0	7.5	12.0	10.0	11.0	8.5	8.0	8.5
31	19.0	17.0	18.0	---	---	---	13.5	12.0	13.0	8.0	7.5	8.0
MONTH	20.0	11.5	16.0	17.5	7.0	10.9	13.5	2.0	7.9	15.5	2.0	7.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	7.5	8.0	14.5	13.0	13.5	16.0	14.0	15.0	17.0	16.0	16.5
2	9.5	8.5	9.0	15.0	14.0	14.5	15.5	13.5	14.5	18.0	17.0	17.5
3	10.5	9.0	10.0	16.0	15.0	15.5	15.5	13.0	14.5	18.0	17.5	17.5
4	11.5	10.5	11.0	15.5	15.0	15.0	16.5	13.5	15.0	17.5	16.5	17.0
5	12.0	11.0	11.5	15.0	14.5	15.0	18.0	15.0	16.5	16.5	15.5	16.0
6	11.5	10.0	10.5	16.0	14.5	15.5	18.0	17.0	17.5	17.0	16.0	16.0
7	11.0	10.0	10.5	14.5	13.0	14.0	19.5	17.0	18.5	18.0	16.5	17.0
8	10.5	10.0	10.0	13.0	12.5	13.0	18.5	16.0	17.5	18.0	16.5	17.0
9	10.0	9.5	9.5	13.5	12.0	13.0	18.0	15.5	16.5	19.0	17.5	18.0
10	9.5	9.0	9.5	15.5	13.0	14.5	16.5	14.5	15.5	19.0	17.5	18.0
11	9.0	8.0	8.5	16.5	15.0	15.5	15.5	13.0	14.5	18.0	16.0	17.0
12	8.0	7.0	7.5	16.5	15.0	15.5	16.5	14.5	15.5	17.5	16.0	17.0
13	7.0	6.5	7.0	15.5	14.5	15.0	17.0	15.5	16.0	19.0	17.0	17.5
14	6.5	6.0	6.0	15.5	14.5	15.0	16.0	14.5	15.0	18.5	16.5	17.5
15	7.5	6.0	7.0	15.5	14.0	15.0	16.0	13.5	14.5	20.0	17.5	18.5
16	7.5	7.0	7.5	14.0	12.5	13.5	16.0	13.5	15.0	19.5	17.5	18.5
17	8.0	7.0	7.5	13.0	11.5	12.5	16.5	14.5	15.0	19.0	16.0	17.5
18	8.5	7.5	8.0	14.0	12.5	13.0	15.5	13.0	14.0	20.0	17.0	18.5
19	9.5	8.0	9.0	14.5	13.5	14.0	14.0	12.5	13.5	21.5	18.5	20.0
20	11.0	9.5	10.5	14.5	13.5	14.0	16.0	13.5	14.5	23.0	20.5	21.5
21	13.0	11.0	12.0	15.0	13.5	14.0	17.0	14.5	15.5	22.5	21.0	21.5
22	14.5	13.0	13.5	17.0	14.5	15.5	19.0	16.0	17.5	21.5	19.5	20.5
23	13.5	11.5	12.5	16.5	15.0	15.5	---	---	---	21.5	19.0	20.0
24	11.5	10.5	11.0	16.0	14.0	15.0	---	---	---	21.5	19.5	20.5
25	11.0	10.0	10.5	15.0	14.0	14.5	16.5	15.5	16.0	21.5	20.5	21.0
26	10.5	10.0	10.0	16.5	14.5	15.5	15.5	14.5	15.0	23.0	20.5	22.0
27	12.0	10.0	11.0	16.5	15.0	15.5	14.5	13.0	14.0	22.5	20.5	22.0
28	13.0	12.0	12.5	15.5	14.5	15.0	14.0	13.0	13.5	20.5	19.0	19.5
29	---	---	---	17.0	14.0	15.5	14.5	13.5	14.0	19.0	18.0	18.5
30	---	---	---	17.0	16.0	16.5	16.0	14.5	15.0	19.0	18.0	18.5
31	---	---	---	17.5	15.5	16.5	---	---	---	20.0	18.0	19.0
MONTH	14.5	6.0	9.7	17.5	11.5	14.7	19.5	12.5	15.3	23.0	15.5	18.6

SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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

SANTEE RIVER BASIN
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, June 14 - 17, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	805	20	130	28	52	539	51	103	20	12	26	3.3
2	246	38	294	28	45	301	46	69	22	14	12	3.2
3	81	38	99	27	41	139	44	113	29	12	9.4	3.0
4	49	26	64	26	42	95	41	206	27	11	8.2	2.8
5	35	25	52	29	40	80	38	85	19	10	7.4	2.6
6	30	33	49	32	37	86	38	60	17	9.5	6.7	2.5
7	30	30	45	28	35	69	42	47	18	9.0	6.4	2.5
8	564	47	47	28	111	59	35	39	18	9.0	7.1	2.5
9	391	80	38	459	135	54	33	36	17	9.7	6.7	2.5
10	102	43	33	509	79	51	32	34	16	12	6.7	2.9
11	59	33	32	152	67	48	31	32	15	12	6.9	4.2
12	45	29	32	87	55	43	37	30	15	11	6.6	4.4
13	37	27	54	68	200	43	38	30	28	9.2	6.0	3.7
14	33	26	49	58	810	90	31	27	25	8.6	5.8	3.3
15	30	25	38	52	793	93	30	26	70	8.4	5.3	3.0
16	28	23	34	216	452	61	29	23	30	7.9	4.9	2.8
17	26	23	36	171	175	53	30	21	20	7.3	4.6	2.8
18	25	25	36	89	110	50	28	21	19	7.1	4.3	2.7
19	23	33	59	71	89	49	26	20	19	6.8	4.1	2.7
20	22	29	52	60	76	52	28	20	17	7.0	4.4	2.7
21	22	26	41	54	70	48	26	21	15	7.0	5.1	2.5
22	21	25	37	49	96	45	34	19	15	6.5	4.5	2.4
23	21	23	35	46	73	39	64	18	14	16	3.9	2.3
24	20	22	35	47	60	36	44	17	13	89	3.5	3.1
25	20	22	34	116	55	35	32	17	13	32	3.3	21
26	19	26	31	104	52	189	29	19	12	14	3.4	21
27	20	26	30	68	51	174	81	21	11	11	3.3	11
28	22	22	29	61	105	86	730	20	12	9.5	3.1	12
29	22	21	29	56	---	91	615	18	13	8.3	3.0	11
30	21	22	28	59	---	71	219	18	11	9.1	3.5	7.8
31	20	---	28	62	---	59	---	18	---	35	4.5	---
TOTAL	2889	888	1630	2940	4006	2928	2582	1248	590	430.9	190.6	154.2
MEAN	93.2	29.6	52.6	94.8	143	94.5	86.1	40.3	19.7	13.9	6.15	5.14
MAX	805	80	294	509	810	539	730	206	70	89	26	21
MIN	19	20	28	26	35	35	26	17	11	6.5	3.0	2.3
CFSM	1.49	.47	.84	1.51	2.28	1.51	1.37	.64	.31	.22	.10	.08
IN.	1.71	.53	.97	1.74	2.38	1.74	1.53	.74	.35	.26	.11	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

	MEAN	65.4	61.3	42.3	97.7	138	99.6	76.1	45.5	18.4	10.5	8.85	17.4
MAX	93.2	92.9	52.6	100	143	105	86.1	50.8	19.7	13.9	11.5	29.6	29.6
(WY)	1997	1996	1996	1996	1997	1996	1997	1996	1997	1997	1997	1996	1996
MIN	37.6	29.6	32.0	94.8	133	94.5	66.0	40.3	17.1	7.05	6.15	5.14	5.14
(WY)	1996	1997	1996	1997	1997	1996	1996	1997	1996	1996	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1996 - 1997

ANNUAL TOTAL	21155.4	20476.7	
ANNUAL MEAN	57.8	56.1	56.3
HIGHEST ANNUAL MEAN			56.5
LOWEST ANNUAL MEAN			56.1
HIGHEST DAILY MEAN	1500	810	1500
LOWEST DAILY MEAN	4.3	2.3	2.3
ANNUAL SEVEN-DAY MINIMUM	4.7	2.6	2.6
INSTANTANEOUS PEAK FLOW		960	Unknown
INSTANTANEOUS PEAK STAGE		6.14	7.56
ANNUAL RUNOFF (CFSM)	.92	.89	.90
ANNUAL RUNOFF (INCHES)	12.55	12.15	12.21
10 PERCENT EXCEEDS	99	95	99
50 PERCENT EXCEEDS	30	29	29
90 PERCENT EXCEEDS	7.0	4.5	6.5

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, 266.43 ft, Sept. 11; minimum elevation, 254.62 ft, Oct. 5.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261.21	264.90	261.33	261.31	261.19	260.35	260.89	259.62	259.27	264.16	263.37	261.81
2	259.42	259.96	265.07	264.45	260.15	260.15	260.93	259.89	261.44	264.11	261.03	264.25
3	258.46	258.58	262.62	262.72	260.23	259.60	259.43	258.94	263.38	264.18	261.00	264.99
4	254.82	259.37	261.29	260.72	260.57	258.98	260.74	259.94	262.77	265.41	262.88	261.35
5	261.26	257.56	260.99	261.27	260.99	259.33	262.25	260.54	261.74	261.78	262.43	263.21
6	261.31	263.25	260.70	263.09	263.16	259.85	260.86	263.19	261.43	261.88	261.52	262.13
7	260.21	262.70	260.99	259.35	261.67	260.83	261.38	263.41	260.96	260.88	261.52	260.55
8	260.82	260.63	260.62	259.35	261.59	260.65	260.31	262.75	258.94	262.98	262.80	264.12
9	260.14	262.61	263.77	261.81	261.10	259.91	263.31	262.51	257.37	262.75	263.99	262.14
10	259.81	262.84	260.91	261.46	260.31	260.66	263.08	260.57	260.00	263.21	261.01	260.63
11	259.91	263.23	260.66	260.99	259.87	260.66	262.37	262.98	260.86	263.46	264.11	264.92
12	261.69	263.03	261.19	259.82	259.97	259.65	263.73	260.85	262.07	264.49	264.08	264.78
13	259.71	260.18	261.75	263.50	261.16	260.52	263.42	261.70	263.17	262.07	264.88	264.69
14	261.12	260.31	265.85	262.91	259.55	259.58	262.59	261.72	260.89	263.48	263.90	264.00
15	262.16	263.49	261.90	262.35	260.06	260.51	260.81	262.61	262.32	262.32	264.52	263.91
16	260.66	261.45	260.97	262.40	260.06	260.09	261.41	259.39	261.85	262.72	263.80	261.48
17	261.24	261.35	258.24	262.34	259.05	259.84	259.77	259.92	262.70	263.93	263.92	262.98
18	260.57	261.23	260.25	260.86	261.22	259.62	262.76	261.99	260.38	262.82	264.02	262.27
19	261.93	262.34	265.17	261.02	261.01	259.71	261.05	263.11	261.94	263.43	262.43	263.87
20	258.58	262.56	260.29	261.07	260.89	260.00	261.25	263.29	263.07	264.30	263.55	264.66
21	259.60	262.19	262.61	261.43	260.88	260.39	263.26	261.08	262.69	263.93	264.58	260.44
22	262.85	263.47	261.83	260.83	261.01	259.91	262.89	262.38	262.51	263.11	263.65	258.58
23	261.56	260.70	261.95	260.30	260.45	261.17	263.52	261.56	264.10	264.06	263.45	263.41
24	261.55	261.16	262.35	261.15	260.79	260.93	262.03	260.59	263.96	259.19	263.04	259.52
25	262.04	261.10	262.42	259.87	260.88	260.82	261.28	259.70	264.08	263.00	263.93	259.38
26	261.26	262.60	259.97	259.73	260.77	261.28	260.85	261.63	264.72	262.60	264.09	259.07
27	261.28	263.96	259.85	259.25	260.87	261.14	262.79	262.32	261.93	263.85	264.23	258.67
28	264.81	260.51	261.40	260.37	260.23	260.96	261.73	260.93	261.73	264.85	264.43	257.09
29	263.65	260.06	262.00	263.21	---	261.10	261.02	259.55	261.69	263.20	264.13	264.25
30	264.13	260.89	261.97	262.47	---	261.31	260.39	262.11	263.54	261.31	261.65	261.43
31	263.18	---	261.69	261.34	---	260.92	---	262.73	---	260.91	261.29	---
MAX	264.81	264.90	265.85	264.45	263.16	261.31	263.73	263.41	264.72	265.41	264.88	264.99
MIN	254.82	257.56	258.24	259.25	259.05	258.98	259.43	258.94	257.37	259.19	261.00	257.09

[illegible]

**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, 230.40 ft, Apr. 28; minimum elevation, 219.60 ft, May 30.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	228.41	222.63	226.00	222.37	220.61	221.46	222.82	222.59	222.71	222.92	221.64	221.90
2	226.97	223.89	224.97	222.11	220.61	221.56	228.38	222.65	225.21	223.37	221.67	222.44
3	224.15	223.25	223.75	222.14	221.95	222.04	230.00	225.07	227.41	223.23	222.80	222.96
4	223.29	220.77	222.38	222.34	221.93	222.11	227.06	225.06	226.21	222.92	222.68	222.81
5	222.58	220.51	221.22	222.24	220.60	221.60	225.06	222.83	223.67	222.87	220.62	221.29
6	221.24	220.57	220.72	221.38	220.60	220.92	224.34	222.71	223.46	222.16	220.68	221.24
7	224.08	221.19	222.78	222.05	221.22	221.67	223.46	222.68	222.87	224.72	221.98	223.23
8	224.47	222.98	223.76	222.80	221.75	222.30	223.38	223.12	223.24	223.01	222.67	222.83
9	224.84	223.04	224.19	222.53	222.03	222.46	223.99	222.65	222.95	224.07	222.71	223.15
10	223.67	220.18	222.89	225.23	222.08	222.74	223.18	222.62	222.85	226.85	223.94	225.75
11	223.29	222.66	222.82	226.23	222.43	223.96	223.10	222.66	222.85	228.42	224.49	226.22
12	222.85	220.63	221.33	223.92	222.29	222.69	223.17	222.69	222.87	226.83	222.11	223.27
13	220.68	220.63	220.65	222.74	222.34	222.49	223.10	221.24	222.74	223.14	221.98	222.64
14	220.92	220.61	220.74	222.72	221.59	222.27	222.96	222.74	222.84	224.33	222.35	222.65
15	222.45	220.71	221.81	221.86	221.56	221.70	225.90	222.84	224.25	224.83	222.36	223.60
16	222.46	222.06	222.25	221.72	221.59	221.66	226.06	222.93	223.96	224.32	222.88	223.44
17	222.49	221.94	222.17	221.71	221.61	221.66	223.88	222.55	222.86	225.72	222.72	224.04
18	222.37	222.00	222.16	222.52	221.59	222.20	223.06	222.55	222.81	224.26	222.81	223.41
19	222.17	221.24	221.95	222.89	222.39	222.60	223.11	222.62	222.89	223.91	222.90	223.42
20	221.27	221.17	221.22	222.89	222.34	222.59	223.12	221.57	222.84	224.16	223.29	223.63
21	221.41	221.17	221.27	222.92	222.40	222.59	222.88	222.37	222.79	223.92	222.78	223.25
22	221.42	221.16	221.30	222.86	220.32	222.56	222.87	222.65	222.77	223.22	220.42	222.87
23	221.43	221.20	221.31	222.58	222.36	222.45	222.87	222.69	222.77	223.27	222.69	222.93
24	221.43	221.19	221.30	222.54	222.36	222.45	222.86	222.32	222.77	223.28	222.72	222.96
25	222.03	221.22	221.33	222.77	222.34	222.53	222.86	222.27	222.79	224.13	222.79	223.39
26	222.18	221.25	221.86	223.04	221.95	222.66	222.83	222.39	222.73	225.51	223.90	224.78
27	222.17	222.00	222.09	223.03	220.98	222.29	222.82	222.52	222.72	224.67	223.04	223.99
28	223.97	222.05	222.43	222.08	221.92	222.00	222.84	222.64	222.74	225.59	222.42	223.91
29	222.54	220.81	221.43	222.05	221.93	222.00	222.87	222.60	222.75	223.37	221.62	222.81
30	221.86	220.81	221.38	222.84	221.94	222.44	223.14	222.64	222.88	224.96	222.73	223.85
31	222.01	221.70	221.84	---	---	---	223.10	222.69	222.84	224.52	222.75	223.63
MONTH	228.41	220.18	222.17	226.23	220.32	222.22	230.00	221.24	223.29	228.42	220.42	223.30

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	223.56	223.37	223.46	229.60	224.22	227.29	223.77	222.39	222.99	228.09	223.16	226.14
2	223.45	222.84	223.14	230.04	228.84	229.66	---	---	---	224.20	222.79	223.55
3	223.05	222.69	222.86	228.98	227.08	227.72	222.83	222.37	222.55	224.39	223.14	223.60
4	223.08	222.70	222.90	227.08	223.86	225.57	222.72	222.42	222.53	226.23	222.74	223.97
5	223.45	222.98	223.22	224.48	223.64	224.02	222.69	222.40	222.46	225.84	222.97	224.42
6	224.76	222.83	223.49	224.61	222.63	223.43	223.80	222.42	223.13	224.82	222.80	223.89
7	224.33	222.78	223.41	223.55	222.40	223.03	224.70	222.35	223.35	224.30	221.45	223.28
8	223.79	223.60	223.70	223.47	223.12	223.26	223.15	222.05	222.53	223.68	222.79	223.10
9	223.95	223.54	223.85	225.02	222.73	223.54	223.43	222.40	222.79	225.83	222.83	223.89
10	226.25	222.87	224.32	223.31	220.93	222.66	223.30	221.79	222.70	222.92	222.70	222.88
11	223.06	221.71	222.67	225.22	222.41	223.08	222.69	222.25	222.47	223.21	222.29	222.87
12	224.05	222.87	223.21	222.91	222.14	222.38	222.94	222.42	222.67	223.10	221.35	222.84
13	226.60	222.80	223.96	223.11	222.32	222.64	222.80	222.39	222.51	223.21	222.72	222.92
14	227.67	222.71	225.69	224.47	222.61	223.18	226.58	221.91	224.68	223.39	222.72	222.94
15	228.72	226.39	227.82	224.96	222.71	223.46	224.54	222.76	223.09	224.49	222.74	223.08
16	229.62	228.31	229.05	224.54	223.54	223.93	223.23	222.68	222.97	223.20	222.71	222.88
17	228.98	225.25	226.73	224.64	223.17	223.59	224.80	222.73	223.19	222.82	222.62	222.74
18	225.28	222.68	224.04	223.25	222.34	222.86	223.20	222.79	222.94	222.93	222.60	222.74
19	223.79	221.14	223.33	223.41	221.79	222.86	222.89	222.74	222.83	223.11	219.81	222.40
20	224.34	222.89	223.60	223.60	222.53	223.17	222.88	222.63	222.77	222.78	222.10	222.28
21	223.75	222.48	223.27	225.22	223.16	223.87	223.06	219.91	222.71	222.48	222.00	222.23
22	223.79	222.56	223.21	224.61	223.15	223.44	222.96	221.20	221.93	222.80	221.70	222.31
23	223.56	222.83	223.17	223.83	222.48	222.77	223.10	221.28	222.34	224.04	222.40	222.82
24	223.49	222.56	222.94	223.50	222.61	222.91	226.08	222.41	224.40	222.89	222.73	222.81
25	223.65	223.04	223.32	223.37	222.52	222.95	224.52	222.43	223.66	222.85	222.73	222.79
26	223.39	223.02	223.25	224.04	222.61	223.43	223.28	222.40	222.52	222.85	221.72	222.43
27	223.54	222.01	223.04	223.86	222.84	223.31	222.80	222.44	222.54	222.60	220.61	221.49
28	226.92	222.73	224.16	223.53	222.79	223.09	230.40	222.49	226.58	223.20	222.47	

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, 249 microsiemens, Oct. 15; minimum, 54 microsiemens, Feb. 17.

pH: Maximum, 7.6 units, Oct. 19; minimum 6.4 units, July 26.

WATER TEMPERATURE: Maximum, 29.0°C, July 28, Aug. 17 - 19, Sept. 3; minimum, 4.0°C, Jan. 19, 20.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Jan. 22; minimum, 4.0 mg/L, Aug. 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	123	64	99	114	105	108	---	---	---	96	84	92
2	64	58	60	116	103	105	---	---	---	95	87	92
3	89	60	70	121	107	115	96	62	71	95	87	92
4	89	74	81	127	107	116	83	62	66	94	88	91
5	94	88	91	---	---	---	86	67	74	94	93	93
6	94	91	93	---	---	---	95	72	82	95	93	94
7	99	92	95	125	111	117	80	76	78	98	94	96
8	103	92	99	115	105	111	92	79	86	98	95	96
9	92	78	82	118	107	115	99	87	92	96	91	94
10	82	76	79	118	107	114	100	96	97	91	73	77
11	99	81	89	107	102	104	99	88	92	94	72	80
12	99	96	97	106	101	103	97	88	93	92	69	77
13	99	97	98	104	99	102	98	90	95	85	74	78
14	97	95	96	101	92	98	99	94	97	91	81	87
15	249	96	132	101	98	100	99	86	92	92	82	87
16	110	98	102	103	101	102	98	87	90	87	80	83
17	120	99	106	103	101	102	99	88	94	94	83	89
18	109	100	104	114	102	106	96	88	91	92	84	89
19	117	99	105	112	107	109	98	92	97	91	85	88
20	112	106	109	113	106	109	98	95	97	93	89	91
21	115	103	109	111	105	108	98	96	97	91	87	89
22	110	101	106	106	103	105	98	95	97	89	86	88
23	107	102	105	105	102	104	97	95	96	88	84	86
24	113	104	106	104	102	103	97	95	96	90	85	89
25	117	104	108	107	102	104	97	95	96	93	89	91
26	121	110	114	110	103	105	97	92	96	91	77	83
27	127	110	117	109	103	105	94	90	92	77	70	73
28	121	100	110	106	104	105	91	87	89	90	69	76
29	111	100	104	---	---	---	96	85	91	91	77	87
30	113	102	106	---	---	---	97	86	93	90	79	84
31	124	104	109	---	---	---	97	84	93	90	81	86
MONTH	249	58	99	127	92	107	100	62	90	98	69	87

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

SANTEE RIVER BASIN
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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	19.0	20.0	21.0	20.0	20.5	---	---	---	12.5	12.5	12.5
2	19.0	18.0	18.5	20.5	18.5	20.0	---	---	---	13.0	12.5	12.5
3	23.5	18.5	20.0	18.5	17.5	18.0	13.0	10.5	11.0	13.5	12.0	12.5
4	22.5	19.0	20.0	19.0	16.0	18.0	12.5	10.0	10.5	13.5	12.5	13.0
5	21.5	18.0	19.0	---	---	---	13.0	9.0	11.0	14.0	13.0	13.5
6	21.5	20.0	20.5	---	---	---	14.5	9.0	11.5	13.5	13.0	13.0
7	20.5	18.5	19.5	19.0	17.0	18.0	10.5	9.0	9.5	13.0	13.0	13.0
8	19.5	17.0	18.0	19.5	18.0	18.5	12.0	9.0	10.0	13.0	10.5	12.0
9	20.5	17.0	18.0	18.0	15.0	16.0	13.0	8.5	10.5	12.0	9.5	10.5
10	18.5	17.5	18.0	15.0	13.5	14.5	12.5	11.0	12.0	10.5	7.5	8.0
11	19.0	17.5	18.0	18.5	12.5	15.5	12.5	8.5	10.0	11.0	6.5	8.0
12	19.5	18.0	19.0	17.0	14.0	15.5	13.0	8.5	11.0	10.5	6.0	7.0
13	19.5	18.5	19.0	17.0	15.0	15.5	13.0	11.0	12.5	8.0	5.5	6.5
14	19.5	18.0	18.5	16.0	11.0	14.5	12.5	11.0	12.0	9.5	6.5	8.0
15	20.5	17.0	18.5	15.5	13.5	14.5	13.0	11.0	11.5	9.5	6.0	8.0
16	20.5	19.0	20.0	15.5	13.5	14.5	13.5	10.0	11.0	8.5	6.5	7.5
17	21.5	19.5	20.0	14.0	13.0	13.5	13.5	9.5	12.0	10.5	6.5	8.5
18	21.5	20.5	21.0	13.0	10.0	11.5	12.0	9.0	10.5	9.5	5.0	8.0
19	21.0	19.0	20.0	13.5	10.5	12.5	12.5	9.5	12.0	8.5	4.0	5.5
20	19.5	18.5	19.0	14.0	12.0	13.0	11.5	9.0	10.5	9.0	4.0	5.5
21	20.5	17.5	19.0	14.0	11.5	13.0	10.0	6.5	7.5	7.0	4.5	5.5
22	20.5	18.5	19.5	15.5	13.0	14.5	10.0	5.5	7.5	7.5	5.0	6.0
23	20.5	19.5	20.0	15.0	12.0	14.0	5.5	5.0	5.5	7.5	6.5	7.0
24	20.5	18.5	19.5	13.0	12.0	12.5	8.5	5.0	6.5	9.0	7.0	8.0
25	20.5	19.0	19.5	12.5	11.5	12.0	10.5	7.5	9.0	9.0	8.0	8.5
26	19.5	18.5	19.0	15.0	12.5	14.0	10.0	6.5	8.5	9.0	8.0	8.5
27	19.0	17.0	18.0	15.0	12.5	14.0	8.0	6.5	7.5	8.5	7.5	8.0
28	21.0	19.0	19.5	14.5	12.5	14.0	9.5	7.0	7.5	11.0	8.0	9.0
29	21.5	17.0	19.5	---	---	---	11.5	9.0	10.0	11.0	9.0	10.5
30	21.5	20.5	21.0	---	---	---	12.0	10.0	11.5	10.5	8.5	9.5
31	21.0	20.5	20.5	---	---	---	12.5	11.5	12.0	10.5	8.0	9.5
MONTH	23.5	17.0	19.3	21.0	10.0	15.1	14.5	5.0	10.1	14.0	4.0	9.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.0	8.5	14.0	12.0	13.0	16.0	15.0	15.5	17.5	16.0	16.5
2	9.5	8.5	8.5	15.0	13.5	14.0	16.5	15.0	15.5	18.0	17.0	17.5
3	10.5	8.5	9.5	15.5	14.5	15.0	16.0	14.5	15.5	18.5	18.0	18.0
4	11.0	10.0	10.5	15.5	14.5	15.0	17.5	15.0	16.0	18.5	17.5	18.0
5	12.0	10.5	11.5	15.5	14.5	15.0	17.5	15.5	16.5	18.0	17.0	17.5
6	12.0	11.0	11.5	15.5	14.0	15.0	18.0	16.5	17.0	18.5	16.5	17.5
7	11.5	10.5	11.0	15.0	14.0	14.5	18.5	16.0	17.0	18.5	17.0	17.5
8	11.0	10.5	10.5	14.0	13.5	14.0	18.5	15.5	17.0	20.0	18.0	19.0
9	10.5	10.0	10.0	14.0	13.0	13.5	18.0	16.5	17.5	19.5	17.5	18.5
10	11.5	9.5	10.5	15.0	13.5	14.0	17.0	16.0	16.5	20.0	17.5	18.5
11	10.5	9.0	10.0	15.5	13.5	14.5	17.5	16.5	17.0	20.5	18.5	19.5
12	11.0	8.5	10.0	16.5	14.0	15.0	17.5	16.5	17.0	19.5	18.0	19.0
13	---	---	---	15.5	15.0	15.5	17.5	16.5	17.0	20.0	18.0	19.0
14	---	---	---	15.5	15.0	15.5	17.0	16.0	16.5	20.0	18.0	19.0
15	7.5	6.5	7.0	15.5	15.0	15.5	17.0	16.0	16.5	20.0	18.0	19.0
16	8.0	7.0	7.5	15.0	14.0	14.5	18.0	16.0	17.0	20.5	17.5	19.0
17	8.5	7.0	7.5	14.5	13.0	13.5	17.0	16.0	17.0	21.5	19.0	20.0
18	9.5	7.5	8.5	14.0	13.5	13.5	17.0	15.5	16.5	21.0	18.5	20.0
19	9.5	8.5	9.0	14.0	13.5	14.0	16.5	15.5	16.0	21.5	19.5	20.5
20	11.0	9.0	10.0	14.5	13.5	14.0	18.0	15.5	16.5	22.0	20.0	21.0
21	12.0	10.5	11.0	14.5	13.5	14.0	18.0	17.0	17.5	23.0	20.0	21.0
22	13.0	12.0	12.5	15.5	14.0	15.0	19.5	16.5	17.5	23.5	20.0	22.0
23	13.0	12.0	12.5	16.0	15.0	15.5	18.0	16.0	17.0	24.0	21.0	22.0
24	12.5	11.5	12.0	16.0	14.5	15.0	17.5	16.0	17.0	24.0	22.0	23.0
25	12.0	11.0	11.5	15.5	15.0	15.5	17.5	17.0	17.0	23.0	22.5	23.0
26	11.5	10.5	11.0	16.0	15.5	15.5	17.0	16.0	16.5	24.0	22.5	23.0
27	12.5	10.5	11.5	16.5	15.5	16.0	16.0	15.5	16.0	23.0	21.5	22.5
28	12.5	11.0	12.0	16.0	15.5	15.5	16.0	15.0	15.5	21.5	20.5	21.0
29	---	---	---	16.5	15.5	16.0	15.5	14.5	15.0	21.0	20.5	20.5
30	---	---	---	17.0	16.0	16.5	16.5	15.0	15.5	21.5	20.5	21.0
31	---	---	---	16.5	15.5	16.0	---	---	---	22.5	21.0	21.5
MONTH	13.0	6.5	10.2	17.0	12.0	14.8	19.5	14.5	16.5	24.0	16.0	19.8

SANTEE RIVER BASIN
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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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

SANTEE RIVER BASIN
02161000 BROAD RIVER AT ALSTON, SC

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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, Feb. 6 - 9, Mar. 16, 17, Apr. 2, Aug. 20, 21, Sept. 16, which are poor. Regulation at low and medium flow by powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18600	2350	4870	3080	7580	26200	6820	21600	3760	2860	5060	1720
2	15000	2480	14500	4110	6360	36000	8750	9700	2750	3200	7630	1770
3	10300	3140	24900	5460	5200	28400	4170	10300	4520	4500	3120	1480
4	4650	3310	20500	5050	5300	20100	4040	11600	9040	2390	2650	2060
5	2290	2620	9400	2520	6430	12700	3890	12700	7980	2940	2420	1770
6	1340	1530	8380	1990	10500	9890	6330	9380	6980	2860	2400	1780
7	5350	2380	5390	8080	7400	7880	7130	7220	4930	2970	2380	1700
8	10000	3660	7210	5120	8600	9310	4260	6160	4700	3270	2390	1170
9	12400	4040	5750	6900	9800	10700	4940	9830	3640	2290	2320	1160
10	5690	5060	5190	19200	12600	5190	4820	4850	2780	2370	2300	1130
11	5100	11800	5140	21200	4940	7470	3940	5020	3230	2990	3140	1630
12	2590	4950	5220	8410	6430	3980	4560	4950	3880	3150	2320	1500
13	1300	4200	4910	4970	10500	6210	4040	5070	3990	9530	2150	1720
14	1320	3750	5140	4930	19300	10100	12600	5180	4660	5350	2290	2150
15	2700	2490	10700	8170	28700	10700	6030	5700	4990	2440	1470	3230
16	3460	2410	10000	7770	33400	10000	5210	4990	12900	2380	1820	2700
17	3360	2410	5560	9830	24700	13000	6420	4610	9150	3320	1800	1450
18	3390	3450	5040	7560	13000	6230	5130	4600	4970	3730	3660	1410
19	3070	4410	5220	7290	9070	6020	4820	3810	5920	2800	2170	1130
20	1870	4390	5140	8060	10000	7940	4690	3340	4410	2660	2200	1330
21	1930	4380	5000	6660	8240	11700	4700	3230	2830	2660	2700	1710
22	1970	4370	4980	5270	8050	9750	3000	3510	3270	1820	1560	2050
23	1980	4020	4950	5410	7750	5470	3690	4840	3880	2410	1070	2450
24	1970	4040	4970	5460	6080	6320	12300	4800	4450	16700	1060	1770
25	2010	4230	5000	8960	8240	6390	9800	4750	4330	14800	2000	2020
26	2830	4570	4860	15900	7830	9210	4280	4000	3610	17700	2300	4110
27	3250	3860	4830	12000	6470	8600	4120	2240	2540	8920	2680	4250
28	4010	3090	4880	11800	12200	7620	21900	4870	3740	3640	1510	4280
29	2230	3080	4900	5170	---	9030	25900	5240	4310	4130	1810	2310
30	2030	4060	5250	9000	---	8530	30600	4670	4940	4040	1720	2980
31	2710	---	5140	8390	---	9600	---	4720	---	4430	1710	---
TOTAL	140700	114530	222920	243720	304670	340240	232880	197480	147080	149250	75810	61920
MEAN	4539	3818	7191	7862	10880	10980	7763	6370	4903	4815	2445	2064
MAX	18600	11800	24900	21200	33400	36000	30600	21600	12900	17700	7630	4280
MIN	1300	1530	4830	1990	4940	3980	3000	2240	2540	1820	1060	1130
CFSM	.95	.80	1.50	1.64	2.27	2.29	1.62	1.33	1.02	1.01	.51	.43
IN.	1.09	.89	1.73	1.89	2.37	2.64	1.81	1.53	1.14	1.16	.59	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

	MEAN	4805	5037	6395	8810	9735	10630	7339	5524	4278	3306	4391	2812
MAX	17360	14500	14020	17790	16960	21560	13290	12550	6713	6516	10210	4666	
(WY)	1991	1993	1984	1993	1990	1993	1983	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1981 - 1997

ANNUAL TOTAL	2531500	2231200	
ANNUAL MEAN	6917	6113	6074
HIGHEST ANNUAL MEAN			9649
LOWEST ANNUAL MEAN			3100
HIGHEST DAILY MEAN	53600	Feb 4	36000
LOWEST DAILY MEAN	1300	Jul 15	1060
ANNUAL SEVEN-DAY MINIMUM	1920	Jul 4	1430
INSTANTANEOUS PEAK FLOW			38500
INSTANTANEOUS PEAK STAGE			15.27
ANNUAL RUNOFF (CFSM)	1.44		1.28
ANNUAL RUNOFF (INCHES)	19.66		17.33
10 PERCENT EXCEEDS	12600	11700	11800
50 PERCENT EXCEEDS	4930	4750	4190
90 PERCENT EXCEEDS	2050	1970	1620

SANTEE RIVER BASIN
02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

LOCATION.--Lat 34°27'08", long 81°15'45", Fairfield County, Hydrologic Unit 03050106, right side of left channel, on upstream side of bridge on State Road 346, 3.0 mi northeast of Salem Crossroads and 12.0 mi northwest of Winnsboro.

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--October 1980 to September 1997 (discontinued). All figures of discharge less than 700 ft³/s prior to October 1983 are unreliable and should not be used.

GAGE.--Water-stage recorder. Elevation of gage is 327 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Dec. 20 to Jan. 6, May 18 - 22, July 11 to Sept. 10, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	221	2.2	78	11	26	132	21	35	10	6.1	40	6.5
2	17	12	70	11	21	47	17	23	8.6	5.7	33	6.0
3	7.6	6.8	26	11	18	31	15	38	13	3.8	28	5.5
4	4.0	3.2	15	11	18	22	13	41	9.0	3.4	23	5.0
5	2.3	2.9	14	10	17	19	12	22	7.2	2.9	20	4.0
6	2.1	3.0	20	10	14	22	11	17	9.0	2.6	18	3.5
7	3.0	3.4	19	9.0	12	15	11	14	8.3	2.6	17	2.5
8	453	48	25	9.5	66	13	9.1	12	6.7	2.8	16	2.5
9	56	38	15	555	52	12	8.4	11	5.9	6.5	15	2.5
10	19	12	12	161	32	11	7.6	9.2	5.3	11	16	2.5
11	9.5	7.2	10	52	27	9.8	7.5	7.9	5.0	14	16	2.3
12	6.3	5.2	9.7	34	22	8.4	11	7.8	6.7	11	15	1.5
13	4.5	4.4	16	25	147	8.6	11	7.8	36	7.0	15	1.1
14	3.9	4.2	12	21	695	114	7.5	6.5	39	6.0	14	1.0
15	3.3	3.6	11	18	619	44	7.3	6.4	474	5.0	14	.98
16	3.0	3.3	8.3	110	105	24	6.7	5.6	39	5.0	14	1.1
17	3.0	3.3	9.7	56	52	19	6.4	5.2	20	5.0	13	.95
18	3.0	4.5	9.7	34	38	16	5.9	5.0	14	7.0	13	.95
19	2.8	7.2	30	27	29	17	6.3	4.5	12	20	12	1.0
20	2.7	5.2	16	23	23	40	6.4	4.5	8.8	10	12	1.0
21	2.7	4.7	11	20	21	23	5.8	5.0	7.3	6.0	13	.77
22	2.7	4.5	9.0	18	41	17	8.5	5.5	6.6	4.0	13	.63
23	2.9	3.6	9.0	16	22	13	89	5.7	5.7	3.0	12	.59
24	2.8	3.7	8.0	19	16	11	24	5.3	5.4	1000	12	.91
25	2.6	4.0	9.0	157	14	10	13	6.9	5.0	250	11	12
26	2.7	5.3	8.0	61	13	271	9.5	23	4.5	80	11	5.6
27	2.8	4.1	8.0	38	13	65	17	375	4.3	45	11	2.5
28	3.0	3.5	7.0	33	26	38	409	35	5.1	30	10	6.4
29	3.0	3.6	7.0	28	---	59	145	17	5.1	30	10	5.6
30	2.6	4.2	8.0	34	---	37	54	13	4.2	40	10	2.3
31	2.0	---	9.0	33	---	27	---	11	---	50	9.0	---
TOTAL	856.8	220.8	519.4	1655.5	2199	1195.8	975.9	785.8	790.7	1675.4	486.0	89.68
MEAN	27.6	7.36	16.8	53.4	78.5	38.6	32.5	25.3	26.4	54.0	15.7	2.99
MAX	453	48	78	555	695	271	409	375	474	1000	40	12
MIN	2.0	2.2	7.0	9.0	12	8.4	5.8	4.5	4.2	2.6	9.0	.59
CFSM	1.08	.29	.66	2.09	3.08	1.51	1.28	.99	1.03	2.12	.61	.12
IN.	1.25	.32	.76	2.42	3.21	1.74	1.42	1.15	1.15	2.44	.71	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	26.1	21.0	25.8	46.7	58.2	51.2	21.9	13.0	7.47	12.2	21.2	5.92					
MAX	135	102	107	130	107	130	49.6	67.7	26.4	68.4	92.9	22.3					
(WY)	1991	1993	1984	1993	1990	1993	1983	1984	1997	1989	1995	1995					
MIN	1.18	1.45	3.86	5.08	11.8	5.62	4.57	2.90	1.15	1.06	.90	.000					
(WY)	1988	1982	1989	1981	1986	1985	1985	1995	1988	1988	1983	1983					

SANTEE RIVER BASIN
02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1981 - 1997
ANNUAL TOTAL	9785.20	11450.78	
ANNUAL MEAN	26.7	31.4	25.8
HIGHEST ANNUAL MEAN			51.6
LOWEST ANNUAL MEAN			8.26
HIGHEST DAILY MEAN	974 Feb 3	1000 Jul 24	1810 Mar 3 1991
LOWEST DAILY MEAN	.35 Sep 26	.59 Sep 23	.00 Jul 5 1982
ANNUAL SEVEN-DAY MINIMUM	.47 Sep 21	.84 Sep 18	.00 * Jul 5 1982
INSTANTANEOUS PEAK FLOW		2570 Jul 24	** 5470 Mar 3 1991
INSTANTANEOUS PEAK STAGE		*** 7.85 Jul 24	9.39 Mar 3 1991
ANNUAL RUNOFF (CFSM)	1.05	1.23	1.01
ANNUAL RUNOFF (INCHES)	14.27	16.70	13.73
10 PERCENT EXCEEDS	41	46	44
50 PERCENT EXCEEDS	8.0	11	6.7
90 PERCENT EXCEEDS	1.7	2.9	1.4

* No flow also occurred on July 6 - 11, 1982, and many days during July to Sept. 1983.

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

*** From maximum indicator.

SANTEE RIVER BASIN
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, Mar. 3 - 10, May 11 - 20, July 6 to Aug. 25, Aug. 31 to Sept. 30, and those below 3.0 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	4.1	41	3.8	6.8	15	4.0	5.6	1.9	6.6	18	10
2	3.6	7.0	3.7	2.5	6.7	10	3.7	5.4	1.7	2.8	14	8.0
3	3.4	4.0	2.9	2.4	6.5	8.0	3.7	65	1.7	2.3	10	8.0
4	3.1	4.1	2.6	2.6	6.4	7.0	3.6	8.2	1.6	2.1	8.0	7.0
5	2.9	4.4	4.9	18	6.4	6.0	3.5	6.6	1.6	2.0	7.0	7.0
6	2.9	4.4	2.7	3.4	6.1	5.5	9.0	6.1	42	2.0	5.0	6.0
7	34	10	9.5	3.7	6.0	5.0	4.1	5.8	2.5	2.0	5.0	6.0
8	69	37	2.8	21	33	4.5	3.7	5.7	2.0	2.0	5.0	6.0
9	5.6	4.7	2.7	90	8.2	4.0	3.7	13	1.9	5.0	4.0	5.0
10	4.5	4.4	2.4	7.3	7.9	3.8	3.5	6.3	1.9	40	22	5.0
11	4.1	4.4	2.4	5.0	7.4	3.6	3.5	5.0	3.4	8.0	12	7.0
12	3.8	4.5	2.5	4.2	7.0	3.5	19	4.5	17	5.0	10	8.0
13	3.8	4.8	2.8	3.8	66	6.7	4.2	4.0	23	4.0	10	8.0
14	3.8	5.0	2.3	3.6	83	36	3.8	4.0	14	5.0	9.0	9.0
15	3.6	5.4	2.3	3.5	27	5.9	3.7	4.0	51	12	8.0	9.0
16	3.7	9.2	2.3	51	11	5.3	3.7	3.5	3.5	20	7.0	8.0
17	3.7	10	2.4	5.3	10	5.2	3.5	3.0	4.7	25	7.0	8.0
18	3.9	16	17	4.7	9.6	5.0	3.5	3.0	2.9	15	6.0	7.0
19	3.5	14	15	4.4	9.5	5.6	3.5	2.5	2.5	12	6.0	7.0
20	3.6	11	3.1	4.0	9.2	5.2	3.5	2.4	2.2	8.0	5.0	7.0
21	3.8	21	2.7	4.0	26	5.0	3.7	2.3	56	4.0	4.0	7.0
22	3.8	13	2.7	3.7	20	4.8	28	2.3	4.7	4.0	3.0	7.0
23	3.8	13	2.6	3.7	11	4.7	15	2.2	24	30	2.0	6.0
24	4.0	23	4.3	21	10	4.7	4.8	2.2	4.4	80	2.0	6.0
25	3.8	3.0	2.5	19	10	5.2	4.5	5.8	3.0	90	2.0	40
26	3.7	2.4	4.5	5.4	10	8.5	5.0	2.2	2.3	55	1.9	110
27	4.6	2.0	2.7	5.1	9.7	4.7	33	14	16	40	1.9	70
28	4.1	2.3	2.6	5.0	71	12	111	2.1	29	30	2.0	80
29	4.0	2.3	2.5	5.2	---	5.3	9.9	2.1	4.0	25	2.1	60
30	4.1	2.2	2.5	28	---	4.6	6.4	2.1	2.8	20	2.4	40
31	4.0	---	2.7	7.2	---	4.3	---	2.1	---	19	4.0	---
TOTAL	220.2	252.6	159.6	351.5	501.4	214.6	315.7	203.0	329.2	577.8	205.3	572.0
MEAN	7.10	8.42	5.15	11.3	17.9	6.92	10.5	6.55	11.0	18.6	6.62	19.1
MAX	69	37	41	90	83	36	111	65	56	90	22	110
MIN	2.9	2.0	2.3	2.4	6.0	3.5	3.5	2.1	1.6	2.0	1.9	5.0
CFSM	1.25	1.49	.91	2.00	3.16	1.22	1.86	1.15	1.94	3.29	1.17	3.36
IN.	1.44	1.66	1.05	2.31	3.29	1.41	2.07	1.33	2.16	3.79	1.35	3.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1997, BY WATER YEAR (WY)

	7.70	7.13	8.62	12.2	11.7	13.8	8.89	6.89	9.72	10.7	9.46	7.48
MEAN	7.70	7.13	8.62	12.2	11.7	13.8	8.89	6.89	9.72	10.7	9.46	7.48
MAX	25.7	16.0	25.5	27.6	23.4	29.9	23.0	21.0	34.3	31.3	24.5	19.1
(WY)	1991	1987	1977	1987	1979	1980	1989	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

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1977 - 1997

ANNUAL TOTAL	2939.1	3902.9	
ANNUAL MEAN	8.03	10.7	9.69
HIGHEST ANNUAL MEAN			14.8
LOWEST ANNUAL MEAN			6.44
HIGHEST DAILY MEAN	277	Mar 7	335
LOWEST DAILY MEAN	1.5	Sep 15	.82
ANNUAL SEVEN-DAY MINIMUM	1.9	Sep 9	.92
INSTANTANEOUS PEAK FLOW			2120
INSTANTANEOUS PEAK STAGE			11.69
INSTANTANEOUS LOW FLOW			.46
ANNUAL RUNOFF (CFSM)	1.42	1.89	1.71
ANNUAL RUNOFF (INCHES)	19.28	25.61	23.21
10 PERCENT EXCEEDS	15	25	19
50 PERCENT EXCEEDS	3.8	5.0	3.8
90 PERCENT EXCEEDS	2.2	2.3	1.7

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

** Also occurred on June 2 - 6.

***Also occurred on June 5.

SANTEE RIVER BASIN
02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

191

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, 57.85 ft, Feb. 17; minimum gage height, 50.19 ft, Jan. 6.

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55.05	51.27	53.54	52.71	54.15	56.54	53.97	56.55	52.86	52.90	53.91	51.40
2	55.86	52.04	54.40	52.19	53.90	57.67	54.25	54.74	52.60	51.58	54.14	51.44
3	54.68	52.07	56.51	53.59	53.56	57.04	53.32	54.75	52.67	53.48	53.50	51.61
4	53.69	52.08	56.24	53.39	53.59	56.25	53.04	54.61	53.97	52.23	53.03	51.86
5	52.01	52.17	54.85	52.84	53.88	55.11	53.03	55.10	54.22	52.58	52.63	51.44
6	50.81	51.26	54.50	51.26	54.26	54.54	53.32	54.70	53.99	52.40	52.40	51.27
7	52.13	51.68	53.86	52.98	53.81	54.17	53.62	53.76	53.53	51.96	52.06	51.34
8	54.59	52.61	54.06	53.94	54.30	54.33	53.46	53.96	53.25	52.40	52.03	51.70
9	55.14	53.48	53.75	54.32	54.45	54.53	53.12	54.30	52.57	52.61	52.30	51.08
10	54.20	53.39	53.56	55.62	54.75	53.50	53.31	53.71	52.57	52.29	52.37	51.19
11	53.48	54.83	53.37	56.29	53.82	53.48	53.02	53.38	52.96	52.23	52.03	51.15
12	52.99	53.74	53.41	55.01	53.81	53.56	52.89	53.47	52.93	52.65	52.31	51.74
13	51.25	53.52	53.44	53.46	54.06	53.23	53.02	53.47	52.97	53.09	52.00	51.98
14	51.19	52.97	53.37	53.44	56.28	54.50	53.93	53.50	53.53	54.13	52.11	52.10
15	51.39	51.76	54.19	53.82	57.47	54.71	54.11	53.64	53.96	52.42	51.63	52.59
16	53.03	51.62	54.45	54.50	57.71	55.14	53.46	53.45	54.42	52.49	51.73	52.77
17	52.64	51.86	54.26	54.39	57.00	54.79	53.73	53.18	54.78	52.21	51.55	51.85
18	52.36	52.43	53.60	54.43	55.33	53.92	53.53	53.07	53.88	52.68	51.98	51.93
19	52.07	53.30	53.39	54.06	54.41	53.74	53.36	53.09	53.68	52.37	52.84	52.05
20	51.39	53.22	53.45	54.23	54.48	54.05	53.20	52.83	53.43	52.20	51.20	51.42
21	51.09	53.36	53.25	54.11	54.26	54.63	53.18	52.96	52.58	52.18	51.40	51.86
22	51.62	53.44	53.27	53.54	54.17	54.66	52.28	52.98	53.07	52.10	51.53	52.26
23	51.32	53.07	53.19	53.63	54.21	53.66	52.37	53.29	52.48	51.71	51.69	52.08
24	51.20	52.69	53.23	53.71	53.72	53.64	54.05	53.33	53.17	55.70	51.18	51.74
25	51.43	52.80	53.31	53.98	54.02	53.72	54.69	53.34	53.20	55.30	51.21	52.00
26	51.67	53.02	53.27	55.34	54.12	54.09	53.51	53.35	52.93	55.43	51.67	52.80
27	52.37	53.04	53.10	54.99	53.72	54.56	53.32	51.78	52.49	54.69	52.34	52.93
28	52.60	52.19	53.14	54.87	54.22	54.31	55.24	53.29	53.05	53.73	51.41	53.65
29	52.17	52.33	53.24	53.72	---	54.30	56.63	53.66	52.99	53.53	51.73	52.53
30	51.52	52.71	53.42	54.19	---	54.24	57.29	53.42	53.50	53.61	52.26	52.73
31	51.95	---	53.42	54.41	---	54.55	---	53.29	---	54.03	51.75	---
MAX	55.86	54.83	56.51	56.29	57.71	57.67	57.29	56.55	54.78	55.70	54.14	53.65
MIN	50.81	51.26	53.10	51.26	53.56	53.23	52.28	51.78	52.48	51.58	51.18	51.08

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, 54.26 ft, Feb. 14; minimum gage height, 49.03 ft, May 2.

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.54	50.75	51.84	50.98	51.68	52.87	51.83	51.37	51.20	51.38	51.50	50.97
2	52.26	51.43	52.34	51.09	51.35	53.67	52.06	51.47	51.52	51.08	51.30	51.05
3	52.18	50.92	53.43	51.46	50.92	52.80	51.07	52.31	51.12	51.80	51.10	51.20
4	51.95	50.92	52.84	51.09	51.36	52.30	51.26	52.13	51.87	51.34	51.35	51.40
5	50.91	51.09	52.44	51.18	51.93	52.28	51.35	52.92	52.04	51.55	51.21	51.03
6	50.73	51.03	52.89	50.85	52.37	52.54	51.56	52.63	51.69	51.51	51.39	50.85
7	51.31	51.40	52.15	51.98	51.49	51.98	51.50	51.43	51.27	50.86	51.25	50.99
8	52.62	51.64	52.20	52.10	51.65	52.25	51.19	51.80	51.12	51.41	51.32	51.30
9	53.24	52.16	51.64	52.64	51.77	52.49	51.45	52.20	50.96	51.82	51.56	50.77
10	52.46	51.98	51.41	53.43	52.44	51.29	51.18	51.47	51.49	51.64	51.69	51.06
11	51.40	53.09	51.09	52.86	51.62	51.54	50.95	51.19	52.09	51.41	51.22	50.73
12	51.37	52.45	51.18	52.01	51.55	51.73	51.09	51.24	51.74	51.54	51.44	51.44
13	51.04	52.06	51.49	51.24	51.60	51.36	50.80	51.30	51.55	51.65	51.28	51.70
14	51.00	51.43	51.13	51.46	52.63	52.39	51.68	51.29	51.85	52.40	51.23	51.79
15	51.07	50.84	52.05	52.11	53.40	52.73	51.77	51.52	52.35	51.20	51.02	51.90
16	51.96	50.93	52.81	52.86	53.41	53.24	51.28	51.22	52.56	51.87	51.39	51.85
17	51.49	51.21	52.68	52.63	52.71	52.81	51.48	51.05	53.00	51.34	51.06	51.34
18	51.05	51.55	51.89	52.72	51.54	51.70	51.27	50.94	52.26	51.33	51.27	51.73
19	50.79	51.81	50.96	52.35	51.99	51.76	51.07	51.19	51.95	51.33	51.57	51.89
20	50.71	51.58	51.06	52.40	52.38	51.86	50.81	51.74	51.92	51.34	50.91	51.09
21	50.69	51.85	50.81	52.37	52.29	52.65	50.80	51.83	51.48	51.48	50.92	51.53
22	51.26	51.96	50.82	51.57	52.28	52.62	50.81	51.85	51.82	51.37	51.03	51.77
23	50.81	51.51	50.68	51.91	52.19	51.49	50.66	51.54	51.45	51.21	51.31	51.47
24	50.75	51.06	50.78	52.06	51.54	51.29	51.96	51.17	51.61	52.98	51.05	51.28
25	51.05	51.16	50.96	52.01	51.85	51.24	52.59	51.26	51.72	52.36	50.90	51.41
26	51.07	51.36	50.89	53.42	52.08	51.84	51.46	51.37	51.50	52.14	51.00	51.64
27	51.15	51.15	50.65	52.74	51.46	52.47	51.80	51.04	51.69	52.06	51.20	50.94
28	51.42	51.21	50.72	52.61	51.59	52.23	52.16	51.37	51.62	51.62	50.88	51.94
29	51.16	51.36	50.90	51.23	---	52.21	52.38	51.78	51.16	51.43	51.34	51.36
30	51.14	51.65	51.19	51.89	---	52.12	52.68	51.28	51.73	51.60	51.99	51.64
31	51.25	---	51.12	51.88	---	52.58	---	51.39	---	51.51	51.39	---
MAX	53.24	53.09	53.43	53.43	53.41	53.67	52.68	52.92	53.00	52.98	51.99	51.94
MIN	50.69	50.75	50.65	50.85	50.92	51.24	50.66	50.94	50.96	50.86	50.88	50.73

SANTEE RIVER BASIN
02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

193

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.--Records good except for estimated daily discharges, Apr. 7, June 5, 18 - 20, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	22	881	49	71	204	86	95	154	44	40	30
2	29	30	228	48	67	150	83	88	126	41	36	24
3	27	24	136	47	64	160	80	153	89	39	34	22
4	24	23	95	46	85	137	77	115	78	36	32	20
5	23	23	85	67	99	126	75	101	68	35	31	19
6	22	23	78	54	82	119	122	94	64	34	30	19
7	22	36	76	51	75	107	96	87	61	34	29	18
8	24	202	69	51	82	101	85	84	59	33	29	18
9	25	67	64	113	72	96	80	80	57	38	29	18
10	23	46	61	80	71	93	76	75	55	36	31	27
11	22	39	60	68	67	88	75	72	53	37	29	30
12	21	35	89	61	65	84	233	70	76	33	27	22
13	21	33	90	57	80	119	135	68	78	32	27	19
14	21	32	73	55	109	275	111	65	98	32	26	19
15	21	30	67	54	136	159	101	63	82	30	27	18
16	21	29	63	86	104	131	95	60	69	34	27	17
17	21	29	71	63	88	118	90	59	64	33	24	17
18	20	30	65	58	80	110	85	57	60	30	24	18
19	21	31	62	56	76	119	82	57	58	28	23	17
20	20	28	56	55	73	107	79	56	55	27	23	16
21	21	32	54	53	102	94	77	53	52	27	22	16
22	21	31	53	55	102	85	104	51	52	27	20	16
23	26	28	53	56	86	79	127	51	49	203	20	16
24	22	28	57	130	80	76	99	50	47	79	20	101
25	21	29	52	144	75	78	89	70	47	46	20	61
26	22	61	50	100	74	107	84	56	46	40	20	36
27	26	37	51	84	87	89	98	52	47	36	19	28
28	24	34	50	109	218	103	140	54	46	37	19	50
29	23	32	63	89	---	119	121	55	45	35	19	42
30	23	72	54	82	---	101	104	64	42	90	25	30
31	22	---	51	76	---	93	---	76	---	51	77	---
TOTAL	710	1196	3057	2197	2470	3627	2989	2231	1977	1357	859	804
MEAN	22.9	39.9	98.6	70.9	88.2	117	99.6	72.0	65.9	43.8	27.7	26.8
MAX	31	202	881	144	218	275	233	153	154	203	77	101
MIN	20	22	50	46	64	76	75	50	42	27	19	16
CFSM	1.09	1.90	4.70	3.37	4.20	5.57	4.74	3.43	3.14	2.08	1.32	1.28
IN.	1.26	2.12	5.42	3.89	4.38	6.42	5.29	3.95	3.50	2.40	1.52	1.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	39.8	49.8	68.1	72.9	79.3	87.3	77.7	65.2	56.5	43.0	47.9	35.2					
MAX	94.3	154	129	141	158	180	136	122	106	88.5	143	72.5					
(WY)	1990	1993	1984	1993	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					

SANTEE RIVER BASIN
02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1981 - 1997	
ANNUAL TOTAL	22152		23474			
ANNUAL MEAN	60.5		64.3		60.8	
HIGHEST ANNUAL MEAN					90.7	1993
LOWEST ANNUAL MEAN					28.3	1981
HIGHEST DAILY MEAN	881	Dec 1	881	Dec 1	1160	Aug 17 1994
LOWEST DAILY MEAN	19 ***	Aug 23	16 ****	Sep 20	10	* Sep 29 1981
ANNUAL SEVEN-DAY MINIMUM	20	Aug 19	17	Sep 17	11	Sep 27 1981
INSTANTANEOUS PEAK FLOW			2140	Dec 1	**5190	Jun 11 1986
INSTANTANEOUS PEAK STAGE			7.66	Dec 1	11.21	Jun 11 1986
INSTANTANEOUS LOW FLOW			16****	Aug 30	8.9	Oct 7 1981
ANNUAL RUNOFF (CFSM)	2.88		3.06		2.90	
ANNUAL RUNOFF (INCHES)	39.24		41.58		39.34	
10 PERCENT EXCEEDS	99		109		105	
50 PERCENT EXCEEDS	50		55		47	
90 PERCENT EXCEEDS	22		21		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 Aug. 24.

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

***** Also occurred on Sept. 20 - 24.

SANTEE RIVER BASIN
02162500 SALUDA RIVER NEAR GREENVILLE, SC

195

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.--No estimated daily discharges. Records good. 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	304	225	1910	383	645	2780	746	916	1210	334	488	250
2	329	236	4380	382	616	1810	682	789	1080	427	356	248
3	292	268	1990	380	522	1360	630	1280	1040	386	293	246
4	337	236	966	404	471	1290	596	1420	850	331	293	225
5	294	269	718	386	658	1090	596	1040	625	329	305	178
6	305	234	750	414	610	1090	602	900	649	308	306	139
7	270	236	639	413	487	968	911	813	565	301	279	140
8	235	565	543	403	505	848	745	726	507	315	268	162
9	291	949	534	776	593	850	652	635	518	323	281	186
10	321	513	410	1030	585	759	701	669	521	351	289	208
11	270	378	454	716	546	757	547	632	418	327	289	315
12	241	308	509	613	534	755	759	584	495	331	289	291
13	263	318	551	552	548	657	1500	600	578	325	274	237
14	238	315	597	489	718	1240	992	566	568	323	256	236
15	232	300	524	478	1490	1470	808	525	863	289	257	202
16	231	274	506	518	1180	1100	804	530	764	253	281	199
17	241	437	684	643	928	919	687	447	641	287	270	235
18	249	552	747	522	720	863	701	441	463	300	256	197
19	249	384	486	536	687	843	660	497	463	270	260	183
20	209	284	310	499	727	845	656	497	463	273	260	159
21	179	381	314	427	630	754	523	504	387	268	258	177
22	252	367	321	428	856	758	758	386	542	264	184	196
23	255	306	322	459	777	734	842	399	572	461	247	187
24	234	294	406	563	622	625	790	390	517	1440	245	281
25	243	278	468	1610	679	638	726	469	384	678	159	720
26	242	301	385	1140	674	680	693	611	337	396	114	614
27	239	321	391	827	629	755	680	512	425	412	169	353
28	241	320	394	819	1750	705	1060	511	486	386	170	302
29	246	309	409	739	---	950	1450	514	489	305	207	633
30	256	304	470	717	---	950	1090	491	395	515	191	510
31	254	---	457	634	---	855	---	596	---	635	169	---
TOTAL	8042	10462	22545	18900	20387	30698	23587	19890	17815	12143	7963	8209
MEAN	259	349	727	610	728	990	786	642	594	392	257	274
MAX	337	949	4380	1610	1750	2780	1500	1420	1210	1440	488	720
MIN	179	225	310	380	471	625	523	386	337	253	114	139
CFSM	.88	1.18	2.47	2.07	2.47	3.36	2.67	2.17	2.01	1.33	.87	.93
IN.	1.01	1.32	2.84	2.38	2.57	3.87	2.97	2.51	2.25	1.53	1.00	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1997, BY WATER YEAR (WY)

	476	512	649	784	851	967	900	722	604	492	480	428
MEAN	476	512	649	784	851	967	900	722	604	492	480	428
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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1942 - 1997	
ANNUAL TOTAL	226939		200641			
ANNUAL MEAN	620		550		655	
HIGHEST ANNUAL MEAN					965	1949
LOWEST ANNUAL MEAN					346	1956
HIGHEST DAILY MEAN	4900	Jan 28	4380	Dec 2	8580	Oct 7 1949
LOWEST DAILY MEAN	179	Oct 21	114	Aug 26	70	Oct 16 1954
ANNUAL SEVEN-DAY MINIMUM	227	Oct 15	168	Aug 25	86	Oct 8 1954
INSTANTANEOUS PEAK FLOW			4670	Dec 2	* 11000	Oct 7 1949
INSTANTANEOUS PEAK STAGE			8.75	Dec 2	19.38	Oct 7 1949
INSTANTANEOUS LOW FLOW			30	Aug 22	11	Apr 18 1996
ANNUAL RUNOFF (CFSM)	2.10		1.86		2.22	
ANNUAL RUNOFF (INCHES)	28.62		25.30		30.17	
10 PERCENT EXCEEDS	1030		923		1140	
50 PERCENT EXCEEDS	471		486		532	
90 PERCENT EXCEEDS	257		237		261	

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

SANTEE RIVER BASIN
02163001 SALUDA RIVER NEAR WILLIAMSTON, SC

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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.--Records fair except for estimated daily discharge, Sept. 8, which is poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	545	389	1560	539	684	5610	1020	1250	1500	416	643	400
2	556	398	5010	459	780	3250	927	1180	1560	447	493	319
3	513	405	3740	539	685	2230	919	1890	1290	512	376	272
4	457	399	1340	475	600	1880	820	2400	1110	420	394	425
5	427	428	902	571	667	1560	816	1360	968	432	391	398
6	429	365	744	469	850	1520	851	1280	755	441	365	364
7	468	391	792	506	617	1390	1060	1210	894	401	340	212
8	411	555	608	410	650	1280	1090	1040	697	410	355	366
9	388	1250	588	1040	687	1150	879	961	693	437	472	300
10	463	792	526	1500	702	1170	882	841	671	455	495	309
11	448	566	416	902	689	1000	932	961	609	434	480	409
12	414	400	639	677	642	1060	743	804	476	426	375	415
13	428	393	717	629	722	994	1740	792	749	418	403	346
14	438	391	695	570	990	1150	1390	792	794	414	347	412
15	458	385	605	533	2140	1990	1120	739	1150	394	258	307
16	450	364	515	633	1710	1470	1020	692	935	394	336	262
17	471	364	560	686	1200	1220	891	728	863	408	360	339
18	474	628	802	638	981	1150	981	520	541	551	325	325
19	465	622	692	535	839	1190	873	670	533	396	331	287
20	465	344	363	588	811	1160	881	650	533	379	313	271
21	425	388	356	480	883	1090	825	612	528	379	374	350
22	423	475	357	457	856	1000	816	552	621	376	443	417
23	430	359	410	478	1000	1040	1300	459	670	763	399	363
24	396	363	477	661	792	908	1140	517	622	2200	440	480
25	375	332	579	2140	744	859	1020	623	539	1090	417	828
26	384	414	553	1660	781	936	913	788	417	547	304	952
27	383	388	458	1100	811	1020	917	773	475	426	238	604
28	381	367	561	910	2390	986	1380	732	598	504	331	498
29	382	358	470	937	---	1180	2640	730	540	394	317	525
30	378	358	577	733	---	1300	1660	719	486	699	399	780
31	407	---	564	768	---	1160	---	762	---	1030	365	---
TOTAL	13532	13631	27176	23223	25903	44903	32446	28027	22817	16993	11879	12535
MEAN	437	454	877	749	925	1448	1082	904	761	548	383	418
MAX	556	1250	5010	2140	2390	5610	2640	2400	1560	2200	643	952
MIN	375	332	356	410	600	859	743	459	417	376	238	212
CFSM	1.05	1.10	2.12	1.81	2.23	3.50	2.61	2.18	1.84	1.32	.93	1.01
IN.	1.22	1.22	2.44	2.09	2.33	4.03	2.92	2.52	2.05	1.53	1.07	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
MEAN	797	889	842	1164	1238	1408	1033	864	699	491	773	607
MAX	1156	1324	877	1580	1541	1448	1082	904	761	548	1464	874
(WY)	1996	1996	1997	1996	1996	1997	1997	1997	1997	1997	1995	1995
MIN	437	454	808	749	925	1367	985	823	582	418	383	418
(WY)	1997	1997	1996	1997	1997	1996	1996	1996	1996	1996	1997	1997

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1995 - 1997
ANNUAL TOTAL	306317	273065	
ANNUAL MEAN	837	748	856
HIGHEST ANNUAL MEAN			963
LOWEST ANNUAL MEAN			748
HIGHEST DAILY MEAN	7170	Jan 28	12000
LOWEST DAILY MEAN	265	Jul 5	212
ANNUAL SEVEN-DAY MINIMUM	358	Jul 4	306
INSTANTANEOUS PEAK FLOW			6670
INSTANTANEOUS PEAK STAGE			12.92
ANNUAL RUNOFF (CFSM)	2.02	1.81	* 21.40
ANNUAL RUNOFF (INCHES)	27.52	24.54	2.07
10 PERCENT EXCEEDS	1390	1250	28.09
50 PERCENT EXCEEDS	625	579	693
90 PERCENT EXCEEDS	381	364	375

* From floodmarks.

SANTEE RIVER BASIN
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; minimum, 3.0°C, Dec. 28 - 30, 1995, Jan. 12, 13, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.0°C, several days in July; minimum, 4.0°C, Dec. 21, 22.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19.5	18.5	19.0	17.5	16.5	17.0	11.0	8.5	9.5	11.0	10.5	10.5
2	19.5	18.5	19.0	17.0	15.5	16.5	10.5	9.0	10.0	12.0	11.0	11.5
3	20.5	18.5	19.5	15.5	14.0	15.0	10.5	10.0	10.5	12.5	11.5	12.0
4	20.0	18.5	19.5	14.5	13.0	14.0	10.0	9.0	9.5	13.0	12.0	12.5
5	19.0	17.5	18.0	14.0	13.0	13.0	9.0	8.5	9.0	13.5	12.5	13.0
6	17.5	16.5	17.0	14.5	13.0	13.5	9.0	8.0	8.5	13.0	12.5	13.0
7	16.5	16.0	16.5	15.5	14.0	14.5	9.0	8.0	8.5	12.5	11.5	12.0
8	18.0	16.0	17.0	16.0	15.5	16.0	9.0	8.0	8.0	11.5	10.5	11.0
9	18.5	17.0	17.5	15.5	13.5	14.5	8.0	7.0	7.5	10.5	8.5	9.5
10	18.5	16.5	17.0	13.5	12.5	13.0	7.5	6.5	7.0	9.0	8.0	8.5
11	17.5	15.5	16.5	12.5	11.5	12.0	8.5	7.0	7.5	8.5	7.5	8.0
12	17.0	14.5	15.5	11.5	10.5	11.5	10.0	8.5	9.5	7.5	6.5	7.0
13	16.5	14.5	15.5	10.5	10.0	10.5	11.0	10.0	10.5	6.5	6.0	6.5
14	17.0	14.5	15.5	11.0	10.0	10.5	10.0	9.0	9.5	6.5	6.0	6.0
15	17.0	14.5	16.0	10.5	10.0	10.0	9.5	8.0	8.5	6.5	5.5	6.0
16	17.5	15.0	16.5	10.0	9.5	9.5	9.0	8.0	8.5	7.0	6.0	6.5
17	18.0	16.0	17.0	9.5	9.0	9.5	9.5	8.5	9.0	6.5	5.5	6.0
18	17.5	16.0	17.0	10.0	9.0	9.5	9.0	7.5	8.5	5.5	4.5	5.0
19	16.5	15.0	15.5	10.5	10.0	10.0	7.5	6.5	7.0	5.0	4.5	4.5
20	15.5	13.5	14.5	11.0	10.0	10.5	6.5	5.0	5.5	5.5	4.5	5.0
21	15.0	13.0	14.0	11.0	10.5	10.5	5.5	4.0	5.0	6.0	5.0	5.5
22	15.5	13.5	14.5	11.0	10.5	10.5	5.0	4.0	4.5	6.0	5.5	6.0
23	16.0	14.5	15.0	10.5	10.0	10.0	6.5	4.5	5.5	7.0	6.0	6.5
24	16.5	14.0	15.0	10.5	9.5	10.0	7.0	5.5	6.5	7.0	7.0	7.0
25	16.0	14.5	15.0	11.0	9.5	10.5	7.0	6.0	6.5	8.0	7.0	7.5
26	15.5	14.5	15.0	12.0	11.0	11.0	6.0	4.5	5.0	8.0	7.5	7.5
27	16.0	15.0	15.5	11.5	10.5	11.0	5.5	5.0	5.0	8.5	7.5	8.0
28	17.5	15.5	16.5	11.0	9.5	10.0	8.0	5.5	6.5	9.0	8.0	8.5
29	18.0	16.5	17.0	9.5	8.5	9.0	9.0	8.0	8.5	9.0	8.5	8.5
30	18.5	17.0	17.5	9.0	8.5	8.5	9.5	8.5	9.0	8.5	8.0	8.5
31	18.5	17.0	17.5	---	---	---	10.5	9.0	9.5	9.0	8.5	8.5
MONTH	20.5	13.0	16.5	17.5	8.5	11.7	11.0	4.0	7.9	13.5	4.5	8.3

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.5	8.5	9.0	13.5	12.0	12.5	15.5	13.5	14.5	17.5	15.5	16.5
2	9.5	8.5	9.5	13.5	13.0	13.5	15.5	13.5	14.5	18.5	16.5	17.5
3	10.0	9.0	9.5	14.5	13.5	14.0	15.5	13.5	14.5	18.5	17.0	17.5
4	10.5	10.0	10.0	14.5	13.5	14.0	15.5	13.5	14.5	17.5	16.5	17.0
5	11.0	10.0	10.5	15.0	14.0	14.5	16.5	14.5	15.5	17.5	16.0	16.5
6	10.5	9.0	9.5	15.0	14.0	14.5	16.5	15.5	16.0	18.0	16.0	17.0
7	10.5	9.0	10.0	14.0	13.0	13.5	17.5	15.5	16.5	18.0	16.5	17.0
8	11.0	10.0	10.5	14.0	12.5	13.0	17.5	15.5	16.5	18.0	16.5	17.0
9	10.5	9.5	10.0	14.0	12.0	13.0	17.5	15.5	16.5	18.5	17.0	18.0
10	9.5	9.0	9.0	15.0	12.5	13.5	17.0	15.0	16.0	18.5	17.5	18.0
11	9.5	8.5	9.0	15.0	13.0	14.0	16.5	14.0	15.5	18.0	17.0	17.5
12	8.5	7.5	8.0	15.5	13.0	14.5	16.5	15.0	15.5	18.0	17.5	17.5
13	8.0	7.0	7.5	14.5	13.5	14.0	16.5	15.5	16.0	18.0	18.0	18.0
14	7.0	6.5	6.5	15.0	13.5	14.5	15.5	14.5	15.0	18.5	18.0	18.0
15	7.5	6.5	7.0	15.0	13.5	14.0	16.0	14.0	15.0	19.0	18.5	18.5
16	7.0	6.0	6.5	13.5	12.5	13.0	16.5	14.0	15.5	19.0	18.5	18.5
17	8.0	6.5	7.0	13.5	12.0	13.0	16.5	14.5	15.5	18.5	18.0	18.5
18	8.5	7.0	7.5	14.0	12.5	13.0	15.5	13.5	14.5	19.5	18.5	19.0
19	9.5	7.0	8.5	13.0	12.5	13.0	15.0	13.5	14.5	21.0	19.0	20.0
20	10.0	8.5	9.5	13.5	12.5	13.0	16.5	14.0	15.0	21.5	20.0	21.0
21	11.0	9.5	10.0	14.5	12.5	13.5	16.5	14.5	16.0	22.0	21.0	21.5
22	12.5	10.5	11.5	16.0	13.0	14.5	17.5	15.5	16.5	21.5	20.5	21.0
23	11.5	10.5	11.0	15.5	13.5	14.5	17.5	15.5	16.5	22.0	20.5	21.0
24	11.5	10.0	10.5	15.5	13.5	14.5	17.0	15.0	16.0	21.5	20.5	21.0
25	11.5	10.0	10.5	15.0	13.5	14.0	17.5	15.5	16.5	21.5	21.0	21.5
26	11.0	10.0	10.5	15.5	14.0	15.0	16.5	15.0	15.5	22.0	21.0	21.5
27	11.0	10.0	10.5	16.0	14.0	15.0	15.5	14.5	14.5	22.0	21.5	22.0
28	12.5	11.0	12.0	15.0	13.5	14.0	14.5	14.0	14.5	21.5	20.0	21.0
29	---	---	---	16.0	13.0	14.5	15.0	14.0	14.5	20.0	19.0	19.5
30	---	---	---	16.5	15.0	15.5	16.0	14.5	15.5	19.5	19.0	19.5
31	---	---	---	16.0	14.5	15.5	---	---	---	20.5	19.0	19.5
MONTH	12.5	6.0	9.3	16.5	12.0	14.0	17.5	13.5	15.4	22.0	15.5	19.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	20.5	20.0	20.0	25.5	24.5	25.0	25.0	24.0	24.5	25.0	24.5	25.0
2												

SANTEE RIVER BASIN
021630967 GROVE CREEK NEAR PIEDMONT, SC

LOCATION.--Lat 34°40'51", long 82°25'41", Greenville County, Hydrologic Unit 03050109, on left downstream bank behind Grove Creek Wastewater Treatment Plant, 10.0 mi south of Greenville and 4.0 mi southeast of Piedmont.

DRAINAGE AREA.--19.1 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 738 ft above sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	9.6	236	11	20	341	21	29	104	15	17	7.8
2	13	16	75	11	18	73	20	24	40	14	15	7.8
3	12	11	29	10	18	56	20	175	21	12	13	7.7
4	11	10	22	10	18	43	20	56	18	11	12	8.0
5	9.9	10	19	18	27	37	20	34	17	11	12	7.6
6	9.6	9.8	18	12	19	42	23	28	15	10	11	7.6
7	11	11	19	11	18	31	22	24	16	10	12	7.5
8	20	65	17	11	31	28	19	22	15	10	12	7.5
9	12	22	14	184	21	28	18	21	15	10	11	7.8
10	11	15	13	58	20	28	17	19	14	12	12	9.1
11	10	13	13	31	19	27	18	19	15	13	11	11
12	9.8	12	30	24	17	25	27	18	22	10	11	8.3
13	9.5	12	63	21	64	26	20	18	85	9.3	10	8.0
14	9.4	11	24	20	92	38	18	17	30	9.1	10	7.9
15	9.4	10	18	18	151	26	18	16	86	8.6	9.5	7.8
16	10	10	16	47	46	24	17	15	25	8.5	9.0	7.8
17	9.4	10	18	24	32	23	17	15	21	8.4	8.6	7.7
18	9.3	11	14	20	27	23	16	15	18	9.4	8.4	7.8
19	9.4	13	19	18	24	39	16	15	16	8.3	8.4	7.9
20	9.7	11	14	17	22	34	16	15	15	8.2	8.4	7.7
21	9.6	14	13	16	26	27	15	14	56	8.3	8.5	7.6
22	9.6	17	13	16	28	25	31	13	47	8.2	8.3	7.5
23	9.4	12	13	16	20	23	29	13	24	120	8.1	7.6
24	9.3	11	13	70	19	22	26	13	18	198	8.1	28
25	9.3	10	12	180	18	23	18	16	16	29	8.1	47
26	9.4	73	11	47	19	26	17	16	14	20	8.1	14
27	9.6	21	12	31	32	22	28	14	22	17	8.1	10
28	9.9	16	11	30	373	23	108	19	23	15	8.0	14
29	9.8	14	11	25	---	44	127	14	17	16	7.9	13
30	9.8	15	11	23	---	26	39	16	15	38	7.8	9.0
31	9.4	---	11	21	---	24	---	29	---	33	7.8	---
TOTAL	331.5	495.4	822	1051	1239	1277	821	772	860	710.3	310.1	318.0
MEAN	10.7	16.5	26.5	33.9	44.3	41.2	27.4	24.9	28.7	22.9	10.0	10.6
MAX	21	73	236	184	373	341	127	175	104	198	17	47
MIN	9.3	9.6	11	10	17	22	15	13	14	8.2	7.8	7.5
CFSM	.56	.86	1.39	1.77	2.31	2.15	1.43	1.30	1.50	1.20	.52	.55
IN.	.64	.96	1.60	2.04	2.41	2.48	1.60	1.50	1.67	1.38	.60	.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1997, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	16.7	22.1	25.0	46.9	47.8	44.5	24.6	21.7	19.1	14.7	31.8	15.0
MAX	21.1	34.7	30.0	57.1	50.0	61.7	29.7	29.3	28.7	22.9	72.8	21.9
(WY)	1996	1996	1995	1995	1996	1996	1996	1996	1997	1997	1995	1994
MIN	10.7	14.9	18.4	33.9	44.3	30.7	16.6	10.8	13.4	6.90	10.0	10.6
(WY)	1997	1995	1996	1997	1997	1995	1995	1995	1995	1995	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1994 - 1997

ANNUAL TOTAL	10263.2	9007.3	
ANNUAL MEAN	28.0	24.7	
HIGHEST ANNUAL MEAN			27.3
LOWEST ANNUAL MEAN			29.7
HIGHEST DAILY MEAN			24.7
LOWEST DAILY MEAN	584	373	1000
ANNUAL SEVEN-DAY MINIMUM	8.0	7.5	3.7
INSTANTANEOUS PEAK FLOW	8.1	7.7	5.1
INSTANTANEOUS PEAK STAGE		664	Unknown
ANNUAL RUNOFF (CFSM)	1.47	9.27	* 15.17
ANNUAL RUNOFF (INCHES)	19.97	1.29	1.43
10 PERCENT EXCEEDS	42	17.52	19.43
50 PERCENT EXCEEDS	18	39	41
90 PERCENT EXCEEDS	9.3	16	16
		8.4	7.9

* From floodmarks.

SANTEE RIVER BASIN
02163500 SALUDA RIVER NEAR WARE SHOALS, SC

201

LOCATION.--Lat 34°23'01", long 82°13'12", Greenwood County, Hydrologic Unit 03050109, on right bank, 2.0 mi southeast of Ware Shoals, 2.5 mi downstream from Ware Shoals Dam, 5.0 mi upstream from Turkey Creek, and at mile 83.7.

DRAINAGE AREA.--581 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 448 ft above sea level (by barometer).

REMARKS.--Records fair except for estimated daily discharges, May 31 to June 22, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	820	392	940	677	915	8420	1190	1790	1580	666	1220	357
2	551	427	4630	591	913	4710	1030	1550	1910	674	700	280
3	511	405	4850	540	884	2990	1010	1840	1560	646	702	392
4	474	406	2070	592	840	2320	970	3010	1380	680	550	284
5	459	408	1330	602	778	2070	893	1970	1140	620	480	320
6	444	494	958	754	929	1910	988	1470	984	594	583	187
7	487	455	1030	619	882	1800	959	1380	946	594	539	193
8	560	521	887	640	852	1620	1220	1360	944	479	527	442
9	445	1070	811	1520	864	1450	1100	1270	945	545	544	408
10	440	1070	746	2220	891	1410	991	1050	801	569	510	271
11	465	755	674	1520	871	1270	1060	952	912	633	449	363
12	441	645	605	1010	841	1210	960	1120	743	602	514	408
13	396	431	1300	923	979	1190	1310	994	853	608	499	308
14	293	402	941	868	1840	1180	1770	769	1040	521	531	320
15	517	428	853	767	2820	1930	1250	1030	1770	603	559	333
16	388	453	881	899	2570	1760	1160	1000	1360	545	438	371
17	364	447	755	923	1720	1480	1210	848	1220	511	426	216
18	347	518	879	923	1430	1300	992	744	1240	537	435	258
19	349	802	1050	829	1120	1200	1040	707	820	655	407	315
20	372	601	839	782	1110	1350	1060	954	594	582	430	185
21	463	413	560	769	1060	1240	1090	775	852	569	476	222
22	294	516	438	638	1080	991	930	1040	745	518	431	346
23	333	545	527	691	1190	1080	1320	621	948	560	289	250
24	400	516	535	784	1070	1160	1370	598	902	2910	240	275
25	287	494	643	2710	951	904	1370	843	850	1940	335	619
26	391	489	715	2520	981	1090	1030	724	754	1190	369	1010
27	389	593	615	1610	949	937	1020	1040	651	783	294	745
28	490	546	567	1260	2780	1160	1850	1020	661	693	296	457
29	287	540	616	1260	---	1160	3020	866	789	623	216	477
30	372	535	652	1050	---	1460	2300	874	839	1330	256	627
31	390	---	723	1030	---	1390	---	862	---	1700	341	---
TOTAL	13219	16317	33620	32521	34110	55142	37463	35071	30733	24680	14586	11239
MEAN	426	544	1085	1049	1218	1779	1249	1131	1024	796	471	375
MAX	820	1070	4850	2710	2820	8420	3020	3010	1910	2910	1220	1010
MIN	287	392	438	540	778	904	893	598	594	479	216	185
CFSM	.73	.94	1.87	1.81	2.10	3.06	2.15	1.95	1.76	1.37	.81	.64
IN.	.85	1.04	2.15	2.08	2.18	3.53	2.40	2.25	1.97	1.58	.93	.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1997, BY WATER YEAR (WY)

	MEAN	MAX	MIN	WY)
1939	673	2623	149	1955
1940	767	2041	261	1982
1941	986	2603	323	1956
1942	1236	2929	310	1956
1943	1370	2430	528	1989
1944	1574	3864	519	1988
1945	1386	3005	473	1986
1946	1078	2092	387	1988
1947	874	1775	215	1988
1948	742	1906	151	1986
1949	755	1995	219	1986
1950	616	1861	142	1981

SANTEE RIVER BASIN
02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1939 - 1997	
ANNUAL TOTAL	394253		338701			
ANNUAL MEAN	1077		928		1004	
HIGHEST ANNUAL MEAN					1569	1949
LOWEST ANNUAL MEAN					438	1988
HIGHEST DAILY MEAN	7930	Jan 28	8420	Mar 1	16100	Aug 27 1995
LOWEST DAILY MEAN	284	Sep 27	185	Sep 20	11	* Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	357	Oct 19	256	Sep 17	61	Jul 28 1986
INSTANTANEOUS PEAK STAGE			14.80	Mar 1	22.95	Aug 27 1995
INSTANTANEOUS LOW FLOW			117	Oct 22	*** 24	Oct 27 1993
ANNUAL RUNOFF (CFSM)	1.85		1.60		1.73	
ANNUAL RUNOFF (INCHES)	25.24		21.69		23.47	
10 PERCENT EXCEEDS	1810		1570		1800	
50 PERCENT EXCEEDS	822		782		758	
90 PERCENT EXCEEDS	441		370		339	

* Also occurred on Oct. 19, 1941.

** From rating curve extended above 14,000 ft³/s on basis of computation of peak flow over dam.

SANTEE RIVER BASIN
02164000 REEDY RIVER NEAR GREENVILLE, SC

203

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.--No estimated daily discharges. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	26	817	38	58	724	55	80	311	57	64	45
2	36	54	270	36	55	171	53	64	181	48	59	44
3	35	29	83	35	54	160	52	552	75	31	57	42
4	31	26	59	37	49	116	52	144	57	29	55	42
5	29	24	55	76	91	111	50	90	50	28	53	40
6	30	25	51	45	54	124	120	77	46	29	52	39
7	46	34	61	38	47	84	72	67	44	28	53	38
8	56	239	49	44	93	77	54	63	46	27	52	39
9	53	63	42	377	57	72	50	60	43	55	51	41
10	29	39	38	118	56	69	48	55	40	39	53	139
11	30	30	38	75	51	65	48	54	37	69	52	93
12	29	27	85	57	47	61	123	52	97	30	49	49
13	30	27	100	50	184	69	69	47	128	38	56	47
14	30	26	52	44	228	123	52	44	93	29	61	43
15	26	24	45	43	390	68	48	44	123	26	106	41
16	26	24	42	156	126	61	47	44	54	25	85	44
17	26	24	54	61	90	60	46	40	48	26	55	41
18	26	50	45	53	79	59	44	39	43	27	51	41
19	26	49	71	51	72	85	44	39	39	25	47	39
20	27	30	43	57	62	66	45	41	36	27	47	40
21	27	90	38	59	94	57	43	38	56	24	46	38
22	25	58	38	64	88	61	171	35	67	44	45	38
23	29	35	39	66	64	59	120	35	54	412	44	38
24	25	32	45	324	58	55	76	37	36	315	44	104
25	24	36	41	301	54	56	53	60	34	124	44	170
26	26	117	37	112	57	66	49	58	32	76	44	39
27	32	37	38	83	130	55	104	42	69	67	42	28
28	29	31	37	97	1040	65	468	94	63	72	42	138
29	26	30	44	70	---	136	253	45	52	62	42	78
30	27	57	40	63	---	70	104	48	47	84	43	33
31	26	---	37	59	---	61	---	125	---	111	45	---
TOTAL	967	1393	2534	2789	3528	3166	2613	2313	2101	2084	1639	1691
MEAN	31.2	46.4	81.7	90.0	126	102	87.1	74.6	70.0	67.2	52.9	56.4
MAX	56	239	817	377	1040	724	468	552	311	412	106	170
MIN	24	24	37	35	47	55	43	35	32	24	42	28
CFSM	.64	.96	1.68	1.85	2.59	2.10	1.79	1.54	1.44	1.38	1.09	1.16
IN.	.74	1.07	1.94	2.13	2.70	2.42	2.00	1.77	1.61	1.60	1.25	1.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1997, BY WATER YEAR (WY)

MEAN	60.6	64.8	79.4	100	118	132	109	76.2	64.9	62.2	63.5	56.0
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 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1942 - 1997
ANNUAL TOTAL	29735	26818	
ANNUAL MEAN	81.2	73.5	82.8
HIGHEST ANNUAL MEAN			118 1949
LOWEST ANNUAL MEAN			43.1 1988
HIGHEST DAILY MEAN	1420 Jan 27	1040 Feb 28	4120 Aug 27 1995
LOWEST DAILY MEAN	17 ** Jul 4	24 *** Oct 25	8.0 Oct 4 1954
ANNUAL SEVEN-DAY MINIMUM	19 Jun 29	26 Jul 15	11 Sep 29 1954
INSTANTANEOUS PEAK FLOW		2340 Feb 28	* 5400 Aug 27 1995
INSTANTANEOUS PEAK STAGE		7.27 Feb 28	11.88 Aug 27 1995
INSTANTANEOUS LOW FLOW		12 Nov 11	4.6 Oct 11 1966
ANNUAL RUNOFF (CFSM)	1.67	1.51	1.70
ANNUAL RUNOFF (INCHES)	22.76	20.53	23.14
10 PERCENT EXCEEDS	129	121	139
50 PERCENT EXCEEDS	55	50	53
90 PERCENT EXCEEDS	26	29	26

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

** Also occurred on July 5.

*** Also occurred on Nov. 5, 15 - 17, July 21.

SANTEE RIVER BASIN
02164110 REEDY RIVER ABOVE FORK SHOALS, SC

205

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, S.C.

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.--Records good except for estimated daily discharges, Oct. 3, 4, Apr. 2, June 7 - 10, Aug. 1 - 4, Aug. 23 to Sept. 2, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	207	85	1410	113	169	2670	160	238	821	171	140	82
2	157	134	871	113	163	670	154	188	402	163	130	82
3	280	103	272	111	158	475	152	1130	223	143	125	82
4	200	86	203	110	156	411	152	483	165	125	120	81
5	96	88	169	164	223	309	147	273	153	111	114	80
6	94	89	162	149	172	384	164	220	146	108	111	79
7	96	91	155	127	154	273	274	198	140	107	110	78
8	157	522	152	119	227	247	161	183	136	109	109	76
9	124	231	132	929	174	234	150	175	133	111	107	77
10	109	127	126	400	158	229	145	167	130	136	104	88
11	101	109	124	223	161	217	144	160	127	224	103	252
12	98	98	131	182	151	209	238	159	132	135	102	112
13	93	98	389	170	306	207	202	155	512	123	101	92
14	91	97	166	155	594	335	154	148	179	118	103	86
15	90	93	141	148	1090	227	147	145	544	118	105	83
16	88	88	134	355	386	192	145	140	191	112	166	85
17	85	87	158	197	260	189	143	136	164	108	108	88
18	86	91	142	162	226	186	139	132	155	108	101	88
19	91	162	189	155	218	225	137	130	144	109	120	89
20	87	105	140	156	201	263	136	133	135	104	103	86
21	87	103	122	158	197	192	135	133	153	104	99	82
22	85	237	117	157	292	182	331	128	267	105	95	79
23	83	116	119	168	188	173	301	123	186	411	90	79
24	90	103	125	527	177	168	216	120	143	1210	88	170
25	85	99	128	1060	174	169	162	129	134	491	86	500
26	84	339	114	343	170	198	144	170	130	181	84	176
27	83	134	113	237	184	176	161	134	152	151	84	115
28	92	108	112	246	1630	174	665	212	209	138	84	151
29	91	97	113	208	---	349	946	147	153	144	84	283
30	89	101	119	185	---	204	307	137	144	174	82	127
31	87	---	114	177	---	169	---	147	---	261	82	---
TOTAL	3386	4021	6662	7704	8359	10306	6612	6273	6403	5913	3240	3628
MEAN	109	134	215	249	299	332	220	202	213	191	105	121
MAX	280	522	1410	1060	1630	2670	946	1130	821	1210	166	500
MIN	83	85	112	110	151	168	135	120	127	104	82	76
CFSM	1.05	1.29	2.07	2.39	2.87	3.20	2.12	1.95	2.05	1.83	1.00	1.16
IN.	1.21	1.44	2.38	2.76	2.99	3.69	2.37	2.24	2.29	2.12	1.16	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1997, BY WATER YEAR (WY)

MEAN	164	186	195	292	308	304	203	169	205	167	292	155
MAX	271	311	247	399	378	377	220	202	275	247	501	187
(WY)	1996	1996	1995	1995	1995	1996	1997	1997	1994	1994	1995	1994
MIN	89.9	134	153	204	236	247	176	132	143	101	105	121
(WY)	1994	1997	1994	1994	1994	1994	1995	1994	1996	1995	1997	1997

SANTEE RIVER BASIN
02164110 REEDY RIVER ABOVE FORK SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1994 - 1997	
ANNUAL TOTAL	77735		72507		220	
ANNUAL MEAN	212		199		239	1995
HIGHEST ANNUAL MEAN					199	1997
LOWEST ANNUAL MEAN						
HIGHEST DAILY MEAN	2340	Jan 27	2670	Mar 1	6260	Aug 27 1995
LOWEST DAILY MEAN	83	Oct 23	76	Sep 8	64	Oct 2 1995
ANNUAL SEVEN-DAY MINIMUM	85	Oct 21	79	Sep 3	72	Sep 27 1995
INSTANTANEOUS PEAK FLOW			3720	Mar 1	*8200	Aug 27 1995
INSTANTANEOUS PEAK STAGE			15.34	Mar 1	21.77	Aug 27 1995
INSTANTANEOUS LOW FLOW			76	**Sep 8	63	Oct 1 1995
ANNUAL RUNOFF (CFSM)	2.04		1.91		2.11	
ANNUAL RUNOFF (INCHES)	27.81		25.94		28.71	
10 PERCENT EXCEEDS	316		308		330	
50 PERCENT EXCEEDS	157		145		156	
90 PERCENT EXCEEDS	95		88		97	

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

** Also occurred on Sept. 9.

SANTEE RIVER BASIN
02165000 REEDY RIVER NEAR WARE SHOALS, SC

207

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.--No estimated daily discharges. Records good. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	322	220	337	226	312	3560	356	608	782	247	699	81
2	309	198	1580	224	434	3620	262	457	883	239	416	257
3	269	209	908	224	389	1250	293	635	588	253	322	344
4	251	216	420	225	282	928	297	1540	374	246	263	206
5	248	324	341	226	279	752	246	714	319	252	252	154
6	240	211	305	225	272	683	311	513	285	243	245	79
7	235	208	300	246	408	676	382	432	289	205	223	207
8	240	265	288	265	396	558	460	378	289	217	215	249
9	236	466	265	562	406	500	350	347	275	199	215	385
10	236	330	245	1510	436	462	230	318	247	121	214	163
11	234	272	244	703	314	429	230	305	235	252	200	209
12	232	233	250	548	275	427	281	296	223	290	188	466
13	230	182	473	423	433	362	456	291	342	243	188	514
14	227	190	461	311	1220	427	357	278	574	216	188	422
15	226	224	324	337	1550	588	264	282	869	185	188	204
16	211	210	299	368	1440	543	222	280	616	186	187	193
17	153	209	303	626	683	398	255	279	369	230	189	252
18	182	202	271	415	591	318	265	257	327	172	203	160
19	150	194	315	328	513	319	243	229	319	154	211	169
20	222	224	302	323	384	425	262	220	284	223	188	211
21	208	230	300	305	356	490	259	219	245	203	112	258
22	178	206	289	306	559	475	271	220	313	57	214	418
23	139	267	275	306	502	325	629	223	385	324	210	209
24	210	239	254	314	368	222	512	229	317	2530	163	466
25	152	234	249	1340	322	252	243	221	289	1320	113	581
26	98	234	254	1440	323	307	285	225	258	499	111	857
27	173	295	245	641	463	391	368	267	226	315	133	623
28	217	256	220	569	1100	372	847	282	234	284	173	573
29	177	239	223	441	---	460	1430	321	312	248	132	526
30	182	225	237	446	---	548	1050	264	266	1070	182	596
31	222	---	231	390	---	488	---	291	---	1330	161	---
TOTAL	6609	7212	11008	14813	15010	21555	11916	11421	11334	12553	6698	10032
MEAN	213	240	355	478	536	695	397	368	378	405	216	334
MAX	322	466	1580	1510	1550	3620	1430	1540	883	2530	699	857
MIN	98	182	220	224	272	222	222	219	223	57	111	79
CFSM	.90	1.02	1.50	2.02	2.27	2.95	1.68	1.56	1.60	1.72	.92	1.42
IN.	1.04	1.14	1.74	2.33	2.37	3.40	1.88	1.80	1.79	1.98	1.06	1.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1997, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	243	277	339	462	523	602	474	348	279	246	258	212
MAX	837	746	851	1002	952	1324	1249	825	728	652	824	692
(WY)	1965	1949	1962	1943	1960	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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1939 - 1997	
ANNUAL TOTAL	149711		140161			
ANNUAL MEAN	409		384		355	
HIGHEST ANNUAL MEAN					535	1993
LOWEST ANNUAL MEAN					171	1941
HIGHEST DAILY MEAN	3920	Mar 7	3620	Mar 2	8800	Mar 7 1963
LOWEST DAILY MEAN	88	Jul 10	57	Jul 22	4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	149	Jul 4	139	Aug 26	20	Oct 15 1951
INSTANTANEOUS PEAK FLOW			4640	Mar 2	* 11000	Sep 14 1973
INSTANTANEOUS PEAK STAGE			12.90	Mar 2	18.71	Aug 28 1995
INSTANTANEOUS LOW FLOW			45	Sep 23	2.7	Jul 6 1967
ANNUAL RUNOFF (CFSM)	1.73		1.63		1.50	
ANNUAL RUNOFF (INCHES)	23.60		22.09		20.45	
10 PERCENT EXCEEDS	660		624		630	
50 PERCENT EXCEEDS	289		279		262	
90 PERCENT EXCEEDS	201		188		95	

* At site and datum then in use.

SANTEE RIVER BASIN
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

209

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.--Records good except for estimated daily discharges, Oct. 3 - 8, 13 - 16, 18 - 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	14	66	24	36	315	39	52	59	21	80	13
2	35	20	93	24	34	213	36	43	42	38	51	12
3	25	18	57	23	33	111	35	82	33	34	40	12
4	24	16	40	23	32	72	35	93	29	25	34	11
5	23	16	34	25	36	59	34	62	26	21	30	11
6	23	16	31	27	37	59	34	49	24	18	28	11
7	23	16	30	27	35	52	35	43	23	17	35	11
8	26	48	28	26	45	47	33	39	23	17	33	11
9	23	54	26	124	46	45	31	37	23	21	27	11
10	20	37	25	126	41	43	30	34	22	51	26	12
11	18	28	24	70	38	41	30	33	22	81	25	15
12	17	24	29	49	36	39	34	32	24	54	24	15
13	16	22	74	40	62	39	35	31	28	34	23	13
14	15	21	52	36	120	53	31	29	31	26	22	12
15	15	21	40	33	181	50	30	29	57	22	22	11
16	14	21	34	47	108	43	29	28	42	20	21	11
17	14	20	33	46	69	40	28	27	32	18	20	11
18	14	21	32	39	54	38	27	26	27	18	18	11
19	15	22	39	35	48	42	27	26	25	17	19	11
20	15	22	36	32	44	49	27	28	23	16	21	10
21	15	21	31	31	44	45	27	27	23	16	20	9.9
22	14	22	28	30	50	42	37	25	44	16	18	9.5
23	14	22	27	30	45	38	42	24	48	256	16	9.4
24	14	21	27	37	41	36	38	23	38	627	16	13
25	13	20	26	176	39	36	33	26	29	134	15	52
26	13	21	25	116	37	44	30	31	24	61	15	42
27	14	21	24	67	39	39	35	29	22	42	14	27
28	14	20	24	53	184	41	119	30	22	34	14	23
29	15	19	24	46	---	47	106	29	22	30	14	21
30	14	20	24	41	---	51	69	28	21	131	13	18
31	14	---	23	38	---	45	---	33	---	154	13	---
TOTAL	578	684	1106	1541	1614	1914	1176	1128	908	2070	767	459.8
MEAN	18.6	22.8	35.7	49.7	57.6	61.7	39.2	36.4	30.3	66.8	24.7	15.3
MAX	49	54	93	176	184	315	119	93	59	627	80	52
MIN	13	14	23	23	32	36	27	23	21	16	13	9.4
CFSM	.63	.77	1.21	1.69	1.95	2.09	1.33	1.23	1.03	2.26	.84	.52
IN.	.73	.86	1.39	1.94	2.04	2.41	1.48	1.42	1.15	2.61	.97	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1997, BY WATER YEAR (WY)

MEAN	26.4	32.3	39.5	60.4	54.1	67.5	48.3	39.6	30.8	23.9	24.4	22.1
MAX	62.9	79.0	99.2	99.5	99.7	137	89.3	77.8	70.2	66.8	100	121
(WY)	1977	1993	1973	1972	1975	1975	1973	1975	1972	1997	1995	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
(WY)	1979	1979	1979	1981	1978	1981	1981	1981	1970	1992	1993	1981

SANTEE RIVER BASIN
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1967 - 1997
ANNUAL TOTAL	13776	13945.8	
ANNUAL MEAN	37.6	38.2	39.4
HIGHEST ANNUAL MEAN			62.2 1973
LOWEST ANNUAL MEAN			21.6 1981
HIGHEST DAILY MEAN	396 Mar 7	627 Jul 24	2520 Sep 14 1973
LOWEST DAILY MEAN	11 *** Jul 24	9.4 Sep 23	3.4 * Sep 29 1981
ANNUAL SEVEN-DAY MINIMUM	12 Aug 19	10 Sep 17	3.7 Sep 24 1981
INSTANTANEOUS PEAK FLOW		1750 Jul 24	4100 Sep 14 1973
INSTANTANEOUS PEAK STAGE		6.14 Jul 24	** 9.86 Sep 14 1973
ANNUAL RUNOFF (CFSM)	1.28	1.30	1.34
ANNUAL RUNOFF (INCHES)	17.37	17.59	18.14
10 PERCENT EXCEEDS	57	58	60
50 PERCENT EXCEEDS	28	29	27
90 PERCENT EXCEEDS	14	14	13

* Also occurred on Sept. 30, 1981.

** At datum then in use.

*** Also occurred on Aug. 23, 24, Sept. 15, 27.

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[illegible]

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 September 1997. 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.--No estimated daily discharges. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6270	611	2170	1330	3060	6520	2270	4240	1980	699	3950	512
2	5290	621	4450	1290	3040	9040	264	4270	3380	986	1940	508
3	1570	694	4540	1840	2650	7180	1120	4530	3880	1040	1240	502
4	1150	701	4350	1630	1420	4560	1380	5010	3250	663	1220	497
5	580	676	4380	1680	973	3900	1050	4540	710	823	702	499
6	593	678	4350	2010	1100	3440	619	4010	518	538	516	463
7	1870	640	3660	1760	1380	3430	1870	2230	527	503	524	450
8	2180	2310	1360	1850	2420	3400	1210	1600	520	674	932	433
9	815	2580	1020	3970	2050	3380	1720	2150	1020	1080	585	590
10	611	1630	1490	5260	1430	3350	949	2810	1620	1500	584	901
11	824	1660	1150	4300	1410	3340	565	2340	979	449	583	1310
12	700	1100	1220	3990	1420	3360	1400	289	1120	470	744	469
13	813	760	2260	3920	3030	3370	1080	285	2160	489	1010	452
14	548	753	2460	2950	5710	3620	2280	1130	1310	489	1500	449
15	421	585	1700	1820	6500	3630	1360	1070	3260	504	523	914
16	689	537	1480	2930	5640	3430	1310	1410	1540	517	514	884
17	798	746	1290	2870	4430	3380	1680	1030	892	1520	510	950
18	539	1030	1150	2610	4180	3350	1300	610	1870	738	506	461
19	550	1270	1610	1970	4110	2260	1240	843	3240	519	508	452
20	567	1110	1800	1990	4060	1430	1080	1020	1260	508	513	459
21	547	502	1380	1870	4040	1900	1660	1090	526	503	505	686
22	519	588	1370	1780	4300	1630	1620	1080	904	711	550	668
23	515	767	1040	1430	2370	1420	2260	1100	1540	1210	516	761
24	635	1240	709	1950	1460	1420	2330	728	1180	3590	509	699
25	689	999	1130	2420	1180	994	2050	920	1040	4220	512	2220
26	663	1190	1340	3090	1040	2380	2610	1150	1120	3840	560	2170
27	645	886	1340	3100	1290	2950	2620	1050	758	3740	483	2420
28	639	565	1280	3050	3150	1560	4330	1630	987	3750	500	1140
29	615	1010	1240	3110	---	1520	5520	1200	895	2020	510	978
30	596	857	786	3140	---	2410	4550	1200	1360	1460	509	1230
31	611	---	1050	3100	---	2790	---	1210	---	3950	513	---
MEAN	1098	977	1953	2581	2816	3237	1843	1864	1512	1410	799	838
MAX	6270	2580	4540	5260	6500	9040	5520	5010	3880	4220	3950	2420
MIN	421	502	709	1290	973	994	264	285	518	449	483	433
MED	639	764	1370	2420	2540	3350	1510	1200	1150	738	523	629

SUMMARY STATISTICS

FOR 1997 WATER YEAR

ANNUAL MEAN
 HIGHEST DAILY MEAN
 LOWEST DAILY MEAN
 ANNUAL SEVEN-DAY MINIMUM
 INSTANTANEOUS PEAK FLOW
 INSTANTANEOUS PEAK STAGE
 10 PERCENT EXCEEDS
 50 PERCENT EXCEEDS
 90 PERCENT EXCEEDS

1740
 9040
 264
 479
 12500
 22.60
 3930
 1240
 512

Mar 2
 Apr 2
 Sep 2
 Mar 2
 Mar 2

SANTEE RIVER BASIN
02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

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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.--Records good except for estimated daily discharges, Sept. 6 - 11, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	2.9	195	5.2	13	449	12	16	5.1	3.0	17	.22
2	5.4	5.9	65	5.2	10	50	11	12	3.8	3.0	3.8	.22
3	4.0	4.2	11	5.2	8.7	30	11	205	3.2	2.6	2.3	.22
4	3.3	3.5	7.0	5.1	7.9	23	11	41	3.1	2.3	1.8	.20
5	2.9	4.1	5.7	9.1	7.6	20	11	12	3.1	2.0	1.5	.18
6	2.6	4.3	5.5	9.4	6.9	24	10	9.1	2.9	1.8	1.3	.17
7	2.7	4.4	5.6	7.6	6.4	19	11	7.6	3.0	1.7	1.2	.16
8	101	19	6.8	11	38	17	9.7	6.6	3.0	1.8	1.2	.15
9	7.8	7.7	5.2	489	17	16	9.6	6.2	2.8	1.8	1.1	.13
10	2.9	4.1	4.6	66	11	15	9.2	5.7	2.5	1.7	1.1	.14
11	2.0	3.4	4.5	20	9.7	15	9.1	5.3	2.3	1.7	1.2	.61
12	1.7	2.8	4.6	13	8.1	14	11	5.0	2.7	1.6	.93	.35
13	1.5	2.8	14	10	268	14	11	5.0	20	1.5	.82	.28
14	1.4	3.4	7.5	9.3	397	117	9.4	4.6	5.1	1.4	.80	.28
15	1.3	2.9	5.8	8.2	485	53	9.2	4.4	12	1.4	.71	.25
16	1.3	2.7	5.2	112	60	23	8.9	4.2	4.8	1.4	.61	.22
17	1.2	3.0	5.4	24	30	18	8.8	4.1	3.9	1.5	.56	.22
18	1.2	3.2	5.6	13	22	16	8.6	4.0	4.1	1.5	.53	.21
19	1.2	4.9	24	11	19	16	9.0	3.7	4.8	1.5	.48	.21
20	1.3	4.1	9.1	9.7	17	16	10	3.7	3.3	1.2	.45	.20
21	1.2	3.8	6.8	8.7	17	15	9.4	3.6	3.5	1.3	.54	.16
22	1.2	4.7	6.1	8.0	63	14	10	3.4	16	1.2	.48	.15
23	1.2	4.4	5.9	8.0	24	13	16	3.2	4.5	8.7	.41	.14
24	1.3	4.2	5.8	7.8	18	12	13	3.0	3.4	30	.35	.21
25	1.5	4.4	6.4	23	16	12	10	3.1	3.0	5.2	.35	7.6
26	1.5	4.8	5.7	13	16	32	9.5	3.2	2.6	3.0	.33	2.9
27	1.5	4.9	5.6	9.8	16	19	47	3.6	2.6	2.5	.31	1.2
28	2.1	4.7	5.5	13	202	15	261	3.9	4.9	2.1	.31	1.3
29	2.3	4.7	5.7	13	---	16	87	3.5	4.7	1.8	.30	1.2
30	2.8	4.7	5.5	38	---	13	25	3.3	3.3	3.4	.27	.79
31	3.6	---	5.4	19	---	12	---	3.4	---	322	.23	---
TOTAL	224.9	138.6	461.5	1004.3	1814.3	1138	688.4	402.4	144.0	417.6	43.27	20.27
MEAN	7.25	4.62	14.9	32.4	64.8	36.7	22.9	13.0	4.80	13.5	1.40	.68
MAX	101	19	195	489	485	449	261	205	20	322	17	7.6
MIN	1.2	2.7	4.5	5.1	6.4	12	8.6	3.0	2.3	1.2	.23	.13
CFSM	.42	.27	.86	1.86	3.72	2.11	1.32	.75	.28	.77	.08	.04
IN.	.48	.30	.99	2.15	3.88	2.43	1.47	.86	.31	.89	.09	.04

Santee River Basin
02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

MEAN	8.73	13.8	21.5	36.0	46.7	36.5	15.4	7.95	6.86	4.46	4.68	1.68
MAX	50.5	65.4	50.6	86.5	92.8	90.3	43.8	35.9	51.4	28.4	33.8	5.65
(WY)	1991	1986	1984	1982	1983	1993	1983	1984	1994	1989	1994	1995
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

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1981 - 1997	
ANNUAL TOTAL	6857.7		6497.54		16.9	
ANNUAL MEAN	18.7		17.8		26.9	
HIGHEST ANNUAL MEAN					4.52	
LOWEST ANNUAL MEAN					810	
HIGHEST DAILY MEAN	562	Jan 27	489	Jan 9		Jan 4 1982
LOWEST DAILY MEAN	1.2	Oct 17	.13	Sep 9	.05	Oct 19 1987
ANNUAL SEVEN-DAY MINIMUM	1.2	Oct 17	.16	Sep 4	.07	Oct 4 1987
INSTANTANEOUS PEAK FLOW			884	Mar 1	1020	Feb 3 1996
INSTANTANEOUS PEAK STAGE			9.92	Mar 1	* 15.35	Jun 29 1994
INSTANTANEOUS LOW FLOW			.13**	Sep 21	.13	Sep 21 1997
ANNUAL RUNOFF (CFSM)	1.08		1.02		.97	
ANNUAL RUNOFF (INCHES)	14.66		13.89		13.19	
10 PERCENT EXCEEDS	24		23		23	
50 PERCENT EXCEEDS	5.6		4.8		4.1	
90 PERCENT EXCEEDS	2.8		.54		.55	

* From floodmarks.

** Also occurred Sept. 22 - 24.

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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.

MEAN	1500	1434	1909	2604	2671	2987	2566	1800	1499	1263	1428	1313
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
02167000 SALUDA RIVER AT CHAPPELLE, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1927 - 1997	
ANNUAL TOTAL	736659		658933		1911	
ANNUAL MEAN	2013		1805		3110	1929
HIGHEST ANNUAL MEAN					732	1988
LOWEST ANNUAL MEAN					56700	Oct 3 1929
HIGHEST DAILY MEAN	15500	Feb 4	8270	Mar 3	8.0	Oct 29 1939
LOWEST DAILY MEAN	156	Jul 2	320	May 13	23	Jun 29 1940
ANNUAL SEVEN-DAY MINIMUM	590	Jul 8	551	Sep 2	* 63700	Oct 2 1929
INSTANTANEOUS PEAK FLOW			10600	Mar 2	* 32.50	Oct 2 1929
INSTANTANEOUS PEAK STAGE			17.20	Mar 2	** 8.0	Oct 29 1939
INSTANTANEOUS LOW FLOW			158	Oct 15	1.41	
ANNUAL RUNOFF (CFSM)	1.48		1.33		19.09	
ANNUAL RUNOFF (INCHES)	20.15		18.02		3820	
10 PERCENT EXCEEDS	4280		3980		1410	
50 PERCENT EXCEEDS	1330		1310		504	
90 PERCENT EXCEEDS	683		590			

* 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.

SANTEE RIVER BASIN
02167450 LITTLE RIVER NEAR SILVERSTREET, SC

217

LOCATION.--Lat 34°12'34", long 81°45'48", Newberry County, Hydrologic Unit 03050109, near center of 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1350	88	354	127	206	1800	190	637	120	86	373	41
2	1900	110	904	126	186	3080	174	274	125	86	181	41
3	482	152	500	124	173	1230	165	369	109	98	125	40
4	204	112	251	121	173	403	160	745	114	83	104	39
5	149	100	200	127	196	308	153	362	101	91	91	37
6	124	128	185	150	174	295	149	241	98	75	84	35
7	114	128	173	137	160	267	158	202	97	70	81	36
8	740	176	195	138	297	227	148	177	96	70	84	35
9	786	448	176	1080	519	211	138	163	93	71	78	35
10	253	412	152	2100	289	200	133	154	89	72	78	37
11	175	189	143	912	234	191	129	144	88	84	81	52
12	143	150	140	318	205	180	136	136	88	81	75	60
13	126	134	219	248	520	174	156	133	133	72	70	49
14	115	126	329	215	2250	361	137	126	139	67	68	44
15	108	120	207	195	3320	497	126	120	270	63	65	41
16	101	114	171	441	2960	272	124	115	361	64	63	40
17	97	111	162	456	1210	219	122	109	160	67	63	38
18	95	111	167	269	392	200	120	107	143	62	58	38
19	93	127	224	222	306	191	118	105	126	67	55	38
20	90	133	216	204	264	203	119	103	112	62	54	37
21	89	120	170	189	245	200	117	110	100	58	56	34
22	88	116	155	178	419	182	118	101	144	56	56	31
23	87	113	149	171	322	171	183	96	141	78	51	31
24	86	109	147	171	244	156	197	94	106	378	52	34
25	84	108	148	288	220	150	147	94	110	953	48	81
26	84	112	138	510	209	705	128	99	94	972	46	174
27	84	119	133	297	208	685	146	109	88	207	46	102
28	90	108	132	231	424	294	1170	126	88	151	44	77
29	93	104	130	230	---	319	2440	127	94	120	45	78
30	91	103	130	233	---	282	1530	108	93	104	44	70
31	90	---	129	238	---	219	---	104	---	308	42	---
TOTAL	8211	4281	6629	10446	16325	13872	9031	5690	3720	4876	2461	1525
MEAN	265	143	214	337	583	447	301	184	124	157	79.4	50.8
MAX	1900	448	904	2100	3320	3080	2440	745	361	972	373	174
MIN	84	88	129	121	160	150	117	94	88	56	42	31
CFSM	1.15	.62	.93	1.47	2.53	1.95	1.31	.80	.54	.68	.35	.22
IN.	1.33	.69	1.07	1.69	2.64	2.24	1.46	.92	.60	.79	.40	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	159	224	231	365	468	476	205	151	163	78.3	134	62.8
MAX	369	572	592	658	714	906	301	316	619	157	359	112
(WY)	1991	1993	1995	1993	1995	1993	1997	1991	1994	1997	1994	1994
MIN	42.0	59.2	75.5	88.1	204	283	118	68.1	74.1	40.2	30.6	23.8
(WY)	1992	1992	1992	1992	1992	1992	1995	1994	1993	1993	1993	1990

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1990 - 1997

ANNUAL TOTAL	87809	87067	230
ANNUAL MEAN	240	239	304
HIGHEST ANNUAL MEAN			102
LOWEST ANNUAL MEAN			1993
HIGHEST DAILY MEAN	5600	Feb 3	5600
LOWEST DAILY MEAN	43	Jul 12	11
ANNUAL SEVEN-DAY MINIMUM	46	Jul 8	14
INSTANTANEOUS PEAK FLOW			8400
INSTANTANEOUS PEAK STAGE			15.60
INSTANTANEOUS LOW FLOW			11
ANNUAL RUNOFF (CFSM)	1.04	1.04	1.00
ANNUAL RUNOFF (INCHES)	14.20	14.08	13.56
10 PERCENT EXCEEDS	385	407	370
50 PERCENT EXCEEDS	134	130	112
90 PERCENT EXCEEDS	55	56	40

* 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.--11.1 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, Jan. 9 - 15, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	265	6.1	83	10	14	276	9.3	14	9.0	8.1	8.5	4.8
2	40	16	52	9.9	12	42	9.2	11	7.8	4.9	5.5	4.9
3	28	7.8	17	8.8	11	23	9.0	85	9.9	3.9	4.8	4.9
4	8.5	5.4	12	9.1	13	16	8.6	39	8.8	3.6	4.7	4.8
5	6.0	6.9	9.1	13	12	14	8.8	14	6.3	3.5	4.5	4.8
6	5.5	11	9.5	13	11	19	10	11	5.7	3.1	4.4	4.4
7	6.8	6.6	11	11	10	13	10	9.2	6.6	3.1	4.8	4.6
8	165	46	13	12	72	11	7.5	8.0	5.8	3.6	5.0	4.7
9	41	27	9.1	161	28	10	6.7	8.0	5.0	4.6	4.6	4.8
10	12	11	8.0	85	17	9.7	6.6	7.7	4.4	7.9	4.6	5.3
11	8.1	9.4	7.9	20	16	9.6	7.0	7.0	4.4	6.4	4.6	6.3
12	6.6	9.0	9.1	15	14	9.2	12	7.1	5.1	4.7	4.7	6.0
13	5.9	8.9	35	13	107	10	12	7.2	9.7	4.8	4.6	5.6
14	5.7	8.7	13	12	217	95	9.5	7.0	8.5	4.4	4.6	5.4
15	5.5	9.5	9.6	12	270	31	10	6.4	83	4.1	4.6	5.5
16	5.5	9.4	8.8	55	47	15	11	6.3	8.9	3.3	4.5	5.3
17	5.5	9.4	9.5	22	25	11	9.6	6.2	4.9	3.3	4.6	5.2
18	5.7	11	9.8	15	18	11	9.8	6.2	4.6	3.5	4.6	5.2
19	6.3	15	19	14	16	12	10	5.8	4.5	3.3	4.3	5.1
20	6.3	12	11	13	15	16	11	6.6	3.8	3.2	4.5	5.2
21	6.7	11	9.2	12	17	12	11	6.7	3.2	3.1	4.5	5.1
22	6.7	11	8.5	11	29	11	14	5.9	6.5	3.0	4.4	4.7
23	6.2	11	8.6	11	16	9.5	38	5.5	4.5	25	4.4	4.3
24	6.0	10	8.7	14	13	8.6	17	5.9	3.6	113	4.3	5.4
25	5.8	10	8.6	69	12	9.6	12	6.2	3.9	9.6	4.4	29
26	5.8	12	8.1	24	12	111	10	9.6	3.3	6.2	4.4	11
27	5.9	10	8.1	15	12	28	62	9.5	3.3	5.2	4.4	6.5
28	6.2	9.7	8.1	16	92	17	279	8.6	3.8	4.8	4.5	6.4
29	6.3	9.7	8.8	15	---	20	67	7.9	3.8	4.7	4.9	6.3
30	6.4	10	8.9	18	---	13	24	6.4	4.5	5.0	4.8	5.9
31	6.6	---	8.6	16	---	10	---	6.3	---	15	4.9	---
TOTAL	707.5	350.5	450.6	744.8	1148	903.2	721.6	351.2	247.1	281.9	146.9	187.4
MEAN	22.8	11.7	14.5	24.0	41.0	29.1	24.1	11.3	8.24	9.09	4.74	6.25
MAX	265	46	83	161	270	276	279	85	83	113	8.5	29
MIN	5.5	5.4	7.9	8.8	10	8.6	6.6	5.5	3.2	3.0	4.3	4.3
CFSM	2.06	1.05	1.31	2.16	3.69	2.62	2.17	1.02	.74	.82	.43	.56
IN.	2.37	1.17	1.51	2.50	3.85	3.03	2.42	1.18	.83	.94	.49	.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
MEAN	20.3	21.4	13.0	25.5	35.7	31.4	22.8	12.6	8.98	5.78	8.19	9.14
MAX	22.8	31.2	14.5	27.1	41.0	33.6	24.1	13.8	9.73	9.09	12.6	13.3
(WY)	1997	1996	1997	1996	1997	1996	1997	1996	1996	1997	1995	1996
MIN	17.9	11.7	11.4	24.0	30.5	29.1	21.6	11.3	8.24	3.60	4.74	6.25
(WY)	1996	1997	1996	1997	1996	1997	1996	1997	1997	1995	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1995 - 1997

ANNUAL TOTAL	6408.2	6240.7	
ANNUAL MEAN	17.5	17.1	
HIGHEST ANNUAL MEAN			17.8
LOWEST ANNUAL MEAN			18.4
HIGHEST DAILY MEAN	286	Feb 3	17.1
LOWEST DAILY MEAN	2.2 *	Aug 18	1997
ANNUAL SEVEN-DAY MINIMUM	2.3	Aug 17	286
INSTANTANEOUS PEAK FLOW			279
INSTANTANEOUS PEAK STAGE			3.0
ANNUAL RUNOFF (CFSM)	1.58		Jul 22
ANNUAL RUNOFF (INCHES)	21.48		3.2
10 PERCENT EXCEEDS	28		Jul 16
50 PERCENT EXCEEDS	9.5		Oct 1
90 PERCENT EXCEEDS	3.7		Oct 1
			7.65
			1.54
			20.91
			27
			8.8
			4.5
			3.8
			8.09
			1.60
			21.74
			25
			8.8
			3.8

* Also occurred on Aug. 22.

SANTEE RIVER BASIN
02167582 BUSH RIVER NEAR PROSPERITY, SC

219

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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1150	51	284	69	117	1230	95	122	56	37	103	17
2	750	80	434	68	104	681	89	93	47	45	74	16
3	285	77	202	71	95	348	87	193	47	43	54	15
4	107	66	110	68	93	159	86	217	65	33	46	15
5	66	56	90	84	95	129	84	152	55	26	42	15
6	48	59	88	85	91	127	81	91	53	23	38	14
7	43	68	86	82	86	118	83	78	48	21	37	15
8	1000	232	94	81	193	107	80	71	43	27	36	14
9	610	152	85	1150	202	101	77	68	43	60	35	20
10	239	110	76	868	148	97	73	65	38	82	37	28
11	84	74	73	388	112	95	70	61	36	36	37	47
12	56	63	71	148	101	91	83	59	37	38	32	29
13	44	58	101	116	700	93	89	59	112	30	31	26
14	39	56	103	105	1530	500	82	55	76	24	32	24
15	35	54	87	99	1770	226	76	52	485	23	29	21
16	32	52	75	414	1020	167	73	49	119	27	29	21
17	31	50	77	248	436	114	74	46	97	47	24	19
18	30	51	78	144	177	105	71	44	90	25	23	21
19	28	66	133	112	142	103	70	43	72	22	23	20
20	25	65	103	105	126	107	70	43	55	19	22	17
21	24	61	86	101	124	106	68	42	49	17	24	15
22	24	59	77	95	258	100	74	40	48	18	23	13
23	25	54	74	92	158	93	105	39	41	301	21	14
24	24	51	74	94	122	88	108	38	47	726	18	22
25	23	50	78	226	111	86	86	36	41	155	17	92
26	23	54	72	169	107	731	73	39	37	109	18	78
27	23	55	71	130	108	443	79	42	44	68	19	66
28	26	52	70	113	457	194	566	55	97	55	17	64
29	35	51	69	110	---	145	665	51	52	48	16	48
30	51	50	68	182	---	121	427	46	39	45	16	36
31	52	---	69	144	---	104	---	45	---	143	17	---
TOTAL	5032	2077	3258	5961	8783	6909	3844	2134	2169	2373	990	862
MEAN	162	69.2	105	192	314	223	128	68.8	72.3	76.5	31.9	28.7
MAX	1150	232	434	1150	1770	1230	665	217	485	726	103	92
MIN	23	50	68	68	86	86	68	36	36	17	16	13
CFSM	1.41	.60	.91	1.67	2.73	1.94	1.11	.60	.63	.67	.28	.25
IN.	1.63	.67	1.05	1.93	2.84	2.23	1.24	.69	.70	.77	.32	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	122	112	113	230	246	246	102	65.5
MAX	294	338	300	407	367	480	145	131
(WY)	1991	1993	1995	1995	1993	1991	1991	1994
MIN	24.7	30.3	44.5	50.8	121	120	56.3	35.4
(WY)	1992	1992	1992	1992	1992	1990	1995	1994

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1990 - 1997

ANNUAL TOTAL	46046	44392	
ANNUAL MEAN	126	122	127
HIGHEST ANNUAL MEAN			178
LOWEST ANNUAL MEAN			60.9
HIGHEST DAILY MEAN	2500	Feb 3	4330
LOWEST DAILY MEAN	18	* Aug 21	12
ANNUAL SEVEN-DAY MINIMUM	19	Aug 18	13
INSTANTANEOUS PEAK FLOW			5570
INSTANTANEOUS PEAK STAGE			16.06
ANNUAL RUNOFF (CFSM)	1.09		1.10
ANNUAL RUNOFF (INCHES)	14.89		14.98
10 PERCENT EXCEEDS	227		235
50 PERCENT EXCEEDS	72		52
90 PERCENT EXCEEDS	25		22

* Also occurred on Aug. 22 - 24.

**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 Hwy 391 bridge, 3.9 miles north of Hwy 378 traffic circle, 17.9 miles east of Saluda, 3.3 miles north of confluence of Little Saluda River, and 14.5 miles south of Prosperity, 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, 33.5 °C, July 16, Aug. 18, 1995; 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, 31.0 °C, July 16, 19 - 22, 29; minimum, 4.5°C, Dec. 21 - 23.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Apr. 16; minimum, 3.0 mg/L, May 22, 23.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.0	15.0	16.5	---	---	---	12.5	8.5	10.5	---	---	---
2	20.5	16.5	18.5	---	---	---	13.0	11.5	12.5	11.5	11.0	11.0
3	---	---	---	---	---	---	12.0	11.0	11.5	---	---	---
4	---	---	---	---	---	---	11.5	10.5	11.0	---	---	---
5	---	---	---	---	---	---	11.5	11.0	11.0	---	---	---
6	---	---	---	---	---	---	12.0	11.0	11.5	---	---	---
7	---	---	---	---	---	---	12.0	11.5	11.5	13.0	11.5	12.5
8	---	---	---	---	---	---	12.0	10.5	11.5	12.5	11.0	11.5
9	---	---	---	---	---	---	11.0	9.5	10.0	11.0	8.5	10.0
10	---	---	---	---	---	---	9.5	8.0	8.5	8.5	7.5	8.0
11	---	---	---	---	---	---	9.5	8.5	9.0	9.0	7.0	7.5
12	---	---	---	---	---	---	12.0	9.0	10.5	8.0	7.5	7.5
13	---	---	---	---	---	---	12.5	11.5	12.0	8.0	7.5	8.0
14	---	---	---	---	---	---	12.5	11.0	11.5	8.5	7.5	8.0
15	---	---	---	---	---	---	11.5	10.5	11.0	8.0	7.5	7.5
16	---	---	---	---	---	---	10.5	9.0	10.0	8.5	8.0	8.0
17	---	---	---	---	---	---	10.5	9.5	10.0	8.5	7.0	7.5
18	18.5	18.0	18.5	---	---	---	10.5	10.0	10.5	7.0	5.5	6.0
19	18.0	15.5	16.5	---	---	---	10.0	6.0	9.0	5.5	5.0	5.0
20	15.5	14.5	15.0	13.5	13.5	13.5	6.0	5.0	5.0	6.0	5.0	5.5
21	16.5	14.0	14.5	13.5	13.0	13.5	5.0	4.5	5.0	6.0	5.0	5.5
22	18.0	12.5	15.0	13.5	13.0	13.5	5.0	4.5	4.5	7.5	6.0	6.5
23	16.5	16.0	16.0	13.0	12.0	12.5	5.5	4.5	5.0	8.5	7.0	8.0
24	17.0	15.5	16.0	12.5	11.5	12.0	7.0	5.5	6.0	8.5	8.0	8.5
25	16.0	15.0	15.5	12.0	11.5	12.0	7.5	7.0	7.0	9.0	8.5	9.0
26	15.5	14.5	15.0	14.0	12.0	13.5	7.5	6.5	7.0	9.0	8.5	8.5
27	16.0	15.0	15.5	14.0	12.0	13.0	7.0	6.0	6.5	8.5	8.0	8.5
28	18.0	16.0	17.0	12.0	11.0	11.5	8.5	6.5	7.5	9.5	8.5	9.0
29	19.5	18.0	18.5	11.0	8.5	10.0	9.0	8.5	8.5	9.0	8.5	8.5
30	20.5	19.0	19.5	8.5	8.0	8.5	10.0	9.0	9.5	8.5	7.5	8.0
31	20.0	18.0	19.0	---	---	---	---	---	---	8.5	7.5	7.5
MONTH	20.5	12.5	16.7	14.0	8.0	12.1	13.0	4.5	9.1	13.0	5.0	8.1

SANTEE RIVER BASIN
02167600 SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.8	8.1	8.4	---	---	---	9.0	8.2	8.6	---	---	---
2	8.4	7.6	8.0	---	---	---	8.5	7.5	7.8	---	---	---
3	---	---	---	---	---	---	8.1	7.3	7.9	---	---	---
4	---	---	---	---	---	---	8.3	7.8	8.1	---	---	---
5	---	---	---	---	---	---	8.7	8.1	8.4	---	---	---
6	---	---	---	---	---	---	8.7	8.3	8.5	---	---	---
7	---	---	---	---	---	---	8.7	8.4	8.6	---	---	---
8	---	---	---	---	---	---	8.8	8.1	8.4	---	---	---
9	---	---	---	---	---	---	9.0	8.2	8.7	---	---	---
10	---	---	---	---	---	---	9.4	8.4	8.9	---	---	---
11	---	---	---	---	---	---	9.5	8.9	9.2	---	---	---
12	---	---	---	---	---	---	9.3	7.7	8.8	---	---	---
13	---	---	---	---	---	---	9.3	8.7	8.9	---	---	---
14	---	---	---	---	---	---	9.3	8.6	8.9	8.8	8.1	8.4
15	---	---	---	---	---	---	9.1	8.4	8.7	8.9	8.2	8.5
16	---	---	---	---	---	---	9.2	8.4	8.9	9.2	8.3	9.0
17	---	---	---	---	---	---	9.5	8.9	9.2	9.0	8.4	8.7
18	7.1	6.2	6.5	---	---	---	9.1	8.5	8.8	9.1	8.2	8.7
19	7.1	6.2	6.6	---	---	---	---	---	---	9.0	8.5	8.8
20	7.3	6.4	6.8	8.0	5.3	6.9	---	---	---	9.6	8.5	9.1
21	7.5	6.5	7.0	8.5	7.4	7.8	---	---	---	9.6	8.9	9.3
22	8.4	6.9	7.5	8.0	7.3	7.7	---	---	---	10.0	9.2	9.6
23	8.2	6.9	7.3	8.2	7.4	7.9	---	---	---	9.9	9.1	9.6
24	7.6	6.5	7.0	8.6	7.6	8.1	---	---	---	9.7	9.2	9.5
25	7.7	6.7	7.2	8.5	7.7	8.1	---	---	---	9.8	9.3	9.6
26	7.4	6.9	7.2	8.4	7.8	8.2	---	---	---	10.0	9.3	9.6
27	7.3	6.8	7.0	8.1	7.5	7.9	---	---	---	9.9	9.4	9.7
28	7.5	6.9	7.1	8.3	7.9	8.0	---	---	---	10.2	9.4	9.8
29	7.5	6.7	7.1	8.6	7.9	8.2	---	---	---	10.1	9.5	9.9
30	7.9	6.9	7.3	8.9	8.4	8.7	---	---	---	10.1	9.7	9.9
31	7.3	6.5	6.9	---	---	---	---	---	---	10.3	9.7	10.0
MONTH	8.8	6.2	7.1	8.9	5.3	8.0	9.5	7.3	8.6	10.3	8.1	9.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	9.9	10.2	9.2	7.6	8.5	7.9	7.3	7.6	7.3	6.4	6.8
2	10.7	10.1	10.3	7.6	7.1	7.4	8.8	7.1	7.7	7.6	7.0	7.3
3	10.6	9.7	10.2	8.4	7.1	7.7	9.0	7.1	7.9	8.1	7.2	7.6
4	9.9	9.0	9.5	8.3	7.5	7.8	10.5	8.5	9.3	8.1	7.4	7.7
5	10.4	8.8	9.6	8.4	7.2	7.7	10.3	8.3	9.1	7.6	7.1	7.3
6	9.9	8.6	9.3	8.0	7.7	7.9	8.9	8.1	8.4	8.4	7.3	7.8
7	9.5	8.8	9.1	8.1	7.6	7.8	9.7	8.1	8.9	9.4	7.6	8.2
8	10.0	8.9	9.3	8.4	7.7	8.1	9.9	7.7	8.6	10.0	7.5	8.4
9	9.4	8.8	9.0	8.3	7.9	8.1	9.3	7.9	8.5	11.2	8.3	10.0
10	9.2	8.4	8.6	8.7	7.9	8.4	9.9	7.5	8.5	9.9	8.8	9.4
11	9.3	8.4	8.7	8.6	8.1	8.4	9.5	7.7	8.6	9.9	8.2	8.9
12	9.4	7.9	8.7	8.5	7.7	8.1	9.0	7.6	8.4	11.1	7.5	9.4
13	10.5	8.5	9.5	8.4	7.9	8.1	9.5	8.0	8.7	10.4	6.5	8.6
14	10.5	9.9	10.1	8.5	7.8	8.1	8.6	7.3	7.9	7.6	5.2	6.4
15	10.4	9.7	10.1	8.0	7.4	7.7	10.2	6.8	8.6	8.4	5.3	7.0
16	10.2	9.3	9.6	7.5	7.1	7.3	12.2	7.8	10.0	8.4	6.2	7.1
17	9.6	8.9	9.3	7.6	6.9	7.2	11.0	8.7	10.1	8.2	5.7	7.1
18	9.8	9.0	9.4	7.6	7.2	7.4	9.0	6.6	8.1	7.6	4.5	6.5
19	10.0	9.1	9.5	7.8	7.1	7.5	8.6	6.6	7.7	8.2	3.5	5.8
20	9.7	9.0	9.3	8.0	7.2	7.6	10.1	7.6	8.5	7.9	5.6	6.7
21	9.8	8.9	9.3	7.6	6.9	7.2	10.3	7.7	9.0	6.5	3.7	5.3
22	9.7	9.0	9.4	7.8	6.5	7.3	9.7	8.0	8.7	6.3	3.0	5.0
23	9.1	8.6	8.9	8.3	6.8	7.3	8.6	7.0	7.6	7.3	3.0	5.2
24	9.2	8.4	8.6	7.8	6.8	7.2	7.8	6.6	7.1	7.9	3.7	5.9
25	9.1	8.3	8.7	7.6	6.8	7.3	8.1	6.4	7.2	7.7	4.7	6.3
26	9.6	8.2	8.9	8.0	7.1	7.6	7.5	6.7	7.2	8.7	4.7	6.8
27	9.7	8.6	9.2	8.0	6.9	7.4	7.2	6.3	6.8	7.2	4.4	5.4
28	9.6	8.5	9.1	7.6	6.6	7.0	7.7	6.5	7.1	6.9	4.3	5.7
29	---	---	---	7.7	6.5	7.1	7.6	6.8	7.1	7.1	5.0	5.8
30	---	---	---	8.0	6.8	7.4	7.1	6.3	6.7	7.7	4.7	6.4
31	---	---	---	7.8	7.0	7.5	---	---	---	9.2	4.7	7.3
MONTH	10.7	7.9	9.3	9.2	6.5	7.6	12.2	6.3	8.2	11.2	3.0	7.1

SANTEE 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 good except for estimated daily discharges, Dec. 21- 22, July 31 to Sept. 24, and those less than 21 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	163	1.4	219	8.7	48	1280	19	45	18	5.2	282	4.9
2	30	2.8	145	8.4	37	140	16	32	15	5.9	57	8.7
3	17	2.2	40	8.2	32	81	15	1010	11	4.7	34	8.5
4	12	2.2	18	7.7	29	57	14	422	10	4.2	26	5.7
5	6.9	2.6	9.8	31	27	45	13	74	8.6	3.8	21	4.3
6	5.0	2.7	8.2	74	25	45	13	46	7.5	3.5	17	3.6
7	6.0	3.0	12	29	22	39	14	33	6.1	3.3	13	3.0
8	388	71	20	24	345	31	14	27	6.0	12	11	2.9
9	71	70	20	2070	147	29	12	24	6.3	16	9.6	2.5
10	19	15	11	338	72	29	11	20	5.4	8.7	23	4.0
11	5.5	5.9	7.9	103	57	28	10	17	4.9	7.7	34	4.6
12	2.5	2.8	6.0	66	45	24	13	15	5.6	4.3	15	3.0
13	1.2	1.8	17	51	463	25	17	16	25	3.5	10	2.4
14	1.1	1.5	25	43	1630	908	14	15	33	3.3	8.2	1.9
15	.68	1.2	15	37	2410	164	11	12	70	3.2	8.3	1.6
16	.84	.84	9.4	482	225	70	10	11	16	3.0	7.9	1.5
17	1.2	.62	8.9	130	114	49	11	9.9	7.3	25	8.1	1.4
18	1.1	.86	9.6	66	80	41	12	9.4	6.1	10	8.0	1.2
19	.77	2.1	62	47	65	36	11	8.7	5.7	5.6	8.6	1.1
20	.50	3.2	41	40	56	35	14	8.3	5.3	4.3	9.0	.89
21	.62	5.3	18	35	65	33	18	7.9	5.0	3.7	9.1	.72
22	1.4	12	13	30	724	30	17	7.2	45	3.3	8.8	.62
23	1.3	14	11	29	135	28	43	6.6	15	51	7.2	.55
24	1.2	11	9.3	29	74	22	30	6.1	17	1350	6.6	.93
25	1.3	8.7	10	76	54	21	21	5.8	7.7	107	6.8	107
26	1.3	12	9.6	67	48	151	14	6.3	4.7	34	6.7	74
27	1.3	9.8	11	41	50	64	20	17	4.0	21	6.5	11
28	1.3	11	13	35	282	34	759	15	24	19	6.3	9.0
29	1.2	11	11	40	---	55	252	14	15	14	6.0	18
30	1.2	11	10	70	---	35	76	9.7	8.1	19	5.4	8.2
31	1.2	---	8.7	77	---	24	---	8.8	---	2330	4.9	---
TOTAL	746.61	299.52	829.4	4193.0	7361	3653	1514	1959.7	418.3	4089.2	685.0	297.71
MEAN	24.1	9.98	26.8	135	263	118	50.5	63.2	13.9	132	22.1	9.92
MAX	388	71	219	2070	2410	1280	759	1010	70	2330	282	107
MIN	.50	.62	6.0	7.7	22	21	10	5.8	4.0	3.0	4.9	.55
CFSM	.27	.11	.30	1.50	2.92	1.31	.56	.70	.15	1.47	.25	.11
IN.	.31	.12	.34	1.73	3.04	1.51	.63	.81	.17	1.69	.28	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1997, BY WATER YEAR (WY)

	MEAN	50.6	89.3	128	220	257	230	53.5	25.1	55.7	43.9	60.0	18.7
MAX	85.0	271	363	422	491	454	107	63.2	209	132	235	36.8	1995
(WY)	1993	1993	1995	1993	1995	1993	1996	1997	1994	1997	1994	1993	1995
MIN	24.1	6.12	23.7	93.9	134	98.8	15.8	7.90	2.04	1.34	.48	3.73	1996
(WY)	1997	1994	1994	1994	1996	1995	1995	1993	1993	1993	1993	1993	1996

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1993 - 1997

ANNUAL TOTAL	23624.13	26046.44	102
ANNUAL MEAN	64.5	71.4	145
HIGHEST ANNUAL MEAN			71.4
LOWEST ANNUAL MEAN			1993
HIGHEST DAILY MEAN	2900	Mar 7	4720
LOWEST DAILY MEAN	.50	Oct 20	.29
ANNUAL SEVEN-DAY MINIMUM	.82	Oct 15	.36
INSTANTANEOUS PEAK FLOW			5640
INSTANTANEOUS PEAK STAGE			18.28
ANNUAL RUNOFF (CFSM)	.72		1.13
ANNUAL RUNOFF (INCHES)	9.76		15.40
10 PERCENT EXCEEDS	109		159
50 PERCENT EXCEEDS	11		15
90 PERCENT EXCEEDS	2.1		2.1

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC

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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, 34.0 °C, Aug. 18, 1995; 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, 12.6 mg/L, Oct. 10, 1993; minimum, 0.0 mg/L, Oct. 2, 4, 5, 1994, several days, June - Sept. 1994.

DISSOLVED OXYGEN (MIDDLE): Maximum, 12.1 mg/L, Dec. 31, 1996; minimum, 0.0 mg/L, June 23, 24, July 3 - 17, 28 - 31, 1993; several days, June - Sept. 1994; May 14, 16, 17, 19, 20, June 8 - 16, 1995, many days, several months, 1996, 1997.

DISSOLVED OXYGEN (BOTTOM): Maximum, 11.7 mg/L, Dec. 24, 1994; minimum, 0.0 mg/L, many days, several months, 1993, 1994, 1995, 1996, 1997.

EXTREMES FOR CURRENT WATER YEAR.--

WATER TEMPERATURE (TOP): Maximum, 31.5 °C, July 5, 15, Aug. 21; minimum, 5.5°C, Jan. 18, 19.

WATER TEMPERATURE (MIDDLE): Maximum, 30.5°C, July 23; minimum, 5.0°C, Jan. 18, 19.

WATER TEMPERATURE (BOTTOM): Maximum, 30.5°C, July 24; minimum, 5.5°C, Jan. 18, 19.

DISSOLVED OXYGEN (TOP): Maximum, 11.6 mg/L, Nov. 1; minimum, 1.3 mg/L, July 26.

DISSOLVED OXYGEN (MIDDLE): Maximum, 12.1 mg/L, Dec. 31; minimum, 0.0 mg/L, many days, several months.

DISSOLVED OXYGEN (BOTTOM): Maximum, 11.5 mg/L, Feb. 14; minimum, 0.0 mg/L, many days, several months.

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

TOP

DAY	MAX	MTN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	21.0	20.0	20.5	12.0	11.0	11.5	---	---	---
2	21.5	17.0	19.0	20.0	19.5	20.0	12.5	11.0	11.5	---	---	---
3	---	---	---	19.5	18.0	18.5	12.5	11.0	11.5	12.0	10.5	11.0
4	---	---	---	18.0	17.5	18.0	11.5	11.0	11.5	12.5	11.5	12.0
5	---	---	---	17.5	17.0	17.0	11.0	11.0	11.0	12.5	11.5	12.5
6	---	---	---	17.5	16.5	17.0	11.5	10.5	11.0	12.5	12.0	12.5
7	---	---	---	18.5	17.0	17.5	11.5	10.5	11.0	12.5	12.0	12.0
8	---	---	---	18.5	17.0	18.0	11.0	10.5	11.0	12.0	11.0	11.5
9	---	---	---	17.0	16.0	16.5	11.0	10.0	10.5	11.0	7.5	9.5
10	---	---	---	16.0	14.5	15.0	10.5	10.0	10.0	7.5	6.5	7.0
11	---	---	---	14.5	14.0	14.5	10.5	10.0	10.0	7.0	6.0	6.5
12	---	---	---	14.0	13.5	13.5	11.5	10.5	11.0	6.5	6.0	6.5
13	---	---	---	13.5	12.5	13.5	12.0	11.0	11.5	6.5	6.0	6.5
14	---	---	---	14.0	13.0	13.5	11.5	11.0	11.0	6.5	6.0	6.5
15	---	---	---	13.0	12.0	12.5	11.5	11.0	11.0	7.0	6.0	6.5
16	---	---	---	12.0	11.0	11.5	11.5	10.5	11.0	7.0	6.5	6.5
17	---	---	---	12.0	11.0	11.5	11.5	10.5	11.0	7.0	6.0	6.5
18	22.0	20.5	21.0	12.0	11.5	11.5	11.0	10.5	10.5	6.5	5.5	5.5
19	20.5	19.5	20.0	12.5	11.5	12.0	10.5	9.0	10.0	5.5	5.5	5.5
20	20.0	18.5	19.0	12.0	11.5	11.5	9.0	8.5	8.5	---	---	---
21	19.0	18.0	18.0	13.0	11.5	12.0	8.5	8.0	8.0	---	---	---
22	19.0	18.0	18.0	13.0	12.0	12.5	8.0	7.5	7.5	---	---	---
23	19.0	18.5	18.5	13.5	11.5	12.0	8.0	7.5	7.5	---	---	---
24	18.5	17.5	18.0	13.0	11.5	12.0	8.5	7.5	8.0	7.5	7.0	7.0
25	18.5	17.5	18.0	13.0	12.5	12.5	8.5	8.0	8.0	8.0	7.0	7.5
26	18.5	17.5	18.0	13.0	12.0	12.5	8.0	8.0	8.0	8.0	7.5	7.5
27	19.0	18.5	18.5	13.0	12.0	12.5	8.0	7.5	8.0	8.0	7.5	8.0
28	20.5	18.5	19.0	12.0	11.5	12.0	8.5	7.5	8.0	9.0	8.0	8.5
29	20.5	18.5	20.0	11.5	11.0	11.5	9.0	8.0	8.5	9.0	8.5	8.5
30	21.0	20.0	20.5	11.0	11.0	11.0	9.0	8.0	8.5	8.5	8.0	8.5
31	21.5	20.0	20.0	---	---	---	12.5	8.5	10.0	9.0	8.0	8.5
MONTH	22.0	17.0	19.0	21.0	11.0	14.1	12.5	7.5	9.9	12.5	5.5	8.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	8.0	8.5	15.5	12.5	14.0	18.0	17.0	17.5	19.0	17.0	18.0
2	10.0	8.5	9.0	16.0	14.0	15.0	18.0	17.0	17.0	18.5	18.0	18.5
3	9.5	8.5	9.0	16.5	15.0	16.0	17.5	17.0	17.0	19.5	18.0	19.0
4	10.5	8.5	9.5	16.5	15.5	16.0	20.5	17.0	18.0	19.5	18.0	18.5
5	11.0	10.0	10.5	17.0	15.5	16.0	20.0	17.5	19.0	19.0	18.0	18.5
6	11.0	10.5	10.5	17.0	15.5	16.5	20.0	19.0	19.5	21.0	18.5	19.5
7	11.5	10.0	10.5	16.5	15.5	16.0	20.0	18.5	19.5	20.0	18.5	19.0
8	11.5	10.0	10.5	16.5	15.5	16.0	19.5	18.0	19.0	21.5	19.0	19.5
9	10.5	10.5	10.5	16.5	15.5	16.0	20.5	18.5	19.0	21.5	19.5	20.5
10	10.5	10.5	10.5	17.0	15.5	16.5	19.0	17.5	18.0	21.5	20.0	21.0
11	10.5	10.0	10.5	18.0	15.5	16.5	19.0	17.5	18.0	21.5	20.0	20.5
12	10.5	10.0	10.0	17.0	15.5	16.5	19.0	18.0	18.5	21.5	20.0	20.5
13	10.0	9.0	9.5	17.0	15.5	16.5	19.0	18.0	18.5	21.5	20.0	21.0
14	9.0	7.0	8.0	18.0	16.0	17.0	18.0	17.5	18.0	21.5	20.0	21.0
15	7.0	6.0	6.5	17.5	17.0	17.0	18.5	17.5	18.0	21.5	20.5	21.0
16	7.5	6.5	7.0	17.0	16.0	16.5	21.0	17.5	18.5	22.0	20.0	20.5
17	8.0	7.0	7.5	16.5	15.5	16.0	19.5	18.0	19.0	22.5	20.5	21.5
18	8.0	7.0	7.5	17.5	15.5	16.0	18.5	17.5	18.0	23.0	21.0	21.5
19	10.0	7.5	8.5	17.0	15.5	16.5	17.5	17.0	17.5	24.0	21.0	22.5
20	10.0	8.0	9.0	16.5	16.0	16.0	19.5	17.0	17.5	25.0	22.0	23.0
21	11.5	8.5	10.0	16.0	15.5	16.0	19.5	17.5	18.5	24.0	21.5	22.5
22	11.5	10.0	11.0	17.5	16.0	16.5	20.5	18.0	19.0	23.0	21.5	23.0
23	11.5	10.5	11.0	17.0	16.0	16.5	19.5	18.5	19.0	23.5	22.5	23.0
24	11.5	10.5	11.0	17.0	15.5	16.5	19.5	18.0	18.5	24.0	23.0	23.5
25	11.5	11.0	11.0	17.0	16.0	16.5	20.5	18.0	19.0	24.5	23.5	24.0
26	11.5	11.0	11.5	17.5	16.5	17.0	19.0	18.0	18.5	25.0	23.0	24.0
27	13.0	11.0	12.0	18.0	17.0	17.0	18.0	17.5	17.5	24.0	23.5	23.5
28	13.5	12.0	12.5	18.5	17.0	17.5	18.0	17.5	17.5	23.5	22.5	22.5
29	---	---	---	18.5	17.5	18.0	18.0	17.5	17.5	23.0	22.0	22.5
30	---	---	---	20.0	18.0	19.0	18.0	17.5	17.5	23.0	22.0	22.5
31	---	---	---	19.0	18.0	18.5	---	---	---	24.0	22.0	23.0
MONTH	13.5	6.0	9.8	20.0	12.5	16.5	21.0	17.0	18.3	25.0	17.0	21.3

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	20.5	19.5	20.0	11.5	10.5	11.0	---	---	---
2	22.0	21.5	21.5	20.5	18.5	19.5	12.5	11.0	11.5	---	---	---
3	24.0	21.0	22.0	18.5	17.5	18.0	12.0	11.0	11.5	11.5	10.5	11.0
4	22.5	20.0	20.5	17.5	17.0	17.0	11.0	10.5	11.0	12.5	11.0	11.5
5	20.0	19.0	19.5	17.0	16.5	16.5	11.0	10.5	10.5	13.5	11.5	12.5
6	19.0	18.5	19.0	17.0	16.0	16.5	11.5	10.0	10.5	12.5	12.0	12.0
7	18.5	18.0	18.5	17.5	16.5	17.0	11.0	10.5	10.5	12.0	11.5	12.0
8	18.5	17.5	18.0	19.5	16.5	17.5	11.0	10.0	10.5	11.5	11.0	11.0
9	18.5	17.0	18.0	16.5	15.0	15.5	10.5	9.5	10.0	11.0	7.5	9.5
10	21.0	17.5	18.5	15.0	14.0	14.5	10.0	9.5	10.0	7.5	6.5	6.5
11	19.0	17.5	18.0	14.0	13.5	14.0	10.5	9.5	10.0	6.5	6.0	6.5
12	19.0	17.5	18.0	13.5	12.5	13.0	11.5	10.0	10.5	6.5	6.0	6.0
13	21.0	17.5	18.5	13.0	12.0	12.5	12.0	10.5	11.5	6.5	6.0	6.0
14	22.0	17.5	19.5	13.5	12.0	12.5	11.5	10.5	11.0	6.5	6.0	6.0
15	22.0	18.0	19.5	12.5	11.5	11.5	11.5	10.5	11.0	7.0	5.5	6.5
16	22.5	19.0	20.5	11.5	10.5	11.0	11.0	10.5	10.5	7.0	6.5	6.5
17	21.0	19.5	20.0	11.0	10.0	10.5	11.0	10.5	10.5	6.5	6.0	6.0
18	22.0	19.5	20.5	11.5	10.5	11.0	10.5	10.0	10.5	6.0	5.0	5.5
19	20.0	19.0	19.5	12.0	11.5	11.5	10.0	8.5	9.5	5.0	5.0	5.0
20	19.5	18.5	19.0	11.5	11.0	11.5	8.5	8.0	8.5	---	---	---
21	18.5	17.5	18.0	13.0	11.0	12.0	8.0	7.5	8.0	---	---	---
22	18.5	17.5	17.5	12.0	11.5	12.0	8.5	7.5	7.5	---	---	---
23	18.5	18.0	18.0	13.0	11.0	12.0	8.0	7.0	7.5	---	---	---
24	18.0	17.0	17.5	12.5	11.0	11.5	8.5	7.5	8.0	7.5	6.5	6.5
25	18.0	17.0	17.5	13.0	12.0	12.5	8.5	8.0	8.0	7.5	7.0	7.5
26	18.0	17.0	17.5	13.0	11.5	12.5	8.0	7.5	7.5	8.0	7.0	7.5
27	18.0	17.5	18.0	12.5	11.5	12.0	8.0	7.5	7.5	8.0	7.0	7.5
28	19.5	18.0	18.5	12.0	11.0	11.5	8.5	7.5	8.0	9.0	7.5	8.5
29	20.0	18.0	19.0	11.0	10.5	11.0	10.5	8.0	9.0	9.0	8.0	8.5
30	20.5	19.5	20.0	11.0	10.5	10.5	10.0	8.5	9.5	8.5	8.0	8.0
31	20.5	19.5	19.5	---	---	---	12.0	9.5	10.5	8.5	7.5	8.0
MONTH	24.0	17.0	19.0	20.5	10.0	13.6	12.5	7.0	9.7	13.5	5.0	8.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.0	8.0	15.0	13.0	14.0	17.0	16.0	16.5	18.0	16.0	17.0
2	8.5	8.0	8.5	15.0	13.0	13.5	17.0	16.0	16.5	18.0	16.5	17.0
3	8.5	8.0	8.5	16.0	13.0	15.0	16.5	16.0	16.5	20.0	17.0	18.5
4	10.0	8.0	9.0	15.5	14.5	15.0	17.0	15.5	16.0	18.5	17.5	18.0
5	11.0	9.0	10.0	18.0	14.0	15.0	16.5	15.5	16.0	18.0	17.5	17.5
6	10.5	10.0	10.0	16.5	14.5	16.0	18.0	15.5	16.5	19.0	17.5	18.0
7	10.0	10.0	10.0	15.5	14.5	15.0	19.0	16.0	17.0	19.0	17.5	18.0
8	11.5	10.0	10.5	16.0	14.5	14.5	18.0	15.0	16.5	18.5	17.5	18.0
9	10.5	10.0	10.0	15.0	14.5	14.5	18.5	16.0	17.5	20.0	18.0	19.0
10	10.5	10.0	10.0	15.5	14.0	14.5	17.5	16.0	16.5	20.0	18.0	19.0
11	10.5	9.5	10.0	15.5	14.5	15.0	17.5	16.5	17.0	19.5	18.5	19.0
12	10.0	9.5	10.0	16.5	14.5	15.0	18.5	17.0	17.5	20.0	19.0	19.5
13	10.0	9.5	10.0	17.0	15.0	15.5	18.5	17.0	17.5	21.0	19.0	19.5
14	9.5	7.5	8.5	18.0	15.5	17.0	18.0	17.0	17.5	20.5	18.5	19.5
15	8.0	6.0	7.0	17.0	16.0	16.5	17.5	16.0	16.5	21.0	19.0	20.0
16	7.5	6.5	7.0	16.5	15.5	16.0	18.0	16.0	17.0	20.5	18.0	19.0
17	7.5	7.0	7.0	16.0	15.0	15.5	19.0	16.5	17.5	20.0	19.0	19.5
18	7.5	7.0	7.0	15.5	15.0	15.0	18.0	16.5	17.5	20.0	19.0	19.5
19	7.5	7.0	7.5	16.5	15.0	15.0	17.0	16.0	16.5	19.5	19.0	19.0
20	9.0	7.5	8.0	16.5	15.0	15.5	17.0	16.0	16.5	21.0	19.0	19.5
21	12.5	7.5	9.0	15.5	15.0	15.5	18.5	16.0	17.0	19.5	18.5	19.0
22	11.0	10.5	11.0	16.5	15.0	15.5	19.0	16.5	17.0	21.5	19.0	20.0
23	11.0	10.5	10.5	16.0	15.0	15.5	19.0	16.5	17.5	22.0	20.5	21.5
24	11.0	10.5	10.5	16.5	15.5	16.0	18.0	16.0	17.0	22.5	21.0	21.5
25	11.0	10.5	10.5	16.5	15.5	16.0	18.0	16.5	17.0	22.5	21.5	21.5
26	11.5	11.0	11.0	18.0	16.5	17.0	18.5	16.5	17.5	22.5	20.5	21.5
27	13.0	10.5	11.5	17.5	16.0	16.5	17.5	16.5	17.0	23.0	20.0	22.0
28	14.0	11.5	12.5	16.5	15.5	16.0	17.5	16.5	17.0	23.0	22.0	22.5
29	---	---	---	17.5	15.5	16.5	17.5	16.5	17.5	22.0	21.5	22.0
30	---	---	---	18.5	16.0	17.0	18.0	16.0	17.0	22.0	21.5	22.0
31	---	---	---	18.5	17.0	17.5	---	---	---	23.0	22.0	22.0
MONTH	14.0	6.0	9.4	18.5	13.0	15.5	19.0	15.0	16.9	23.0	16.0	19.7

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	20.0	19.0	19.5	12.5	11.5	12.0	---	---	---
2	21.5	19.5	20.5	20.0	19.0	19.5	12.5	12.0	12.5	---	---	---
3	20.0	19.0	19.5	19.0	18.0	18.5	12.5	12.0	12.5	12.0	9.5	10.5
4	21.0	19.5	20.5	18.0	17.0	17.5	12.5	12.0	12.0	12.0	10.5	11.5
5	20.0	19.0	19.5	17.0	16.5	16.5	12.0	12.0	12.0	13.0	10.5	12.0
6	19.5	19.0	19.0	16.5	16.0	16.0	12.0	11.5	11.5	13.0	11.5	12.5
7	19.0	18.0	18.5	16.5	16.0	16.0	12.0	11.5	11.5	13.0	11.5	12.0
8	18.0	17.0	17.5	18.5	16.5	17.5	12.0	11.5	12.0	12.5	11.5	12.0
9	18.5	17.0	17.5	17.5	16.0	16.5	11.5	11.0	11.0	11.5	8.0	10.5
10	18.0	17.5	17.5	16.0	15.0	15.5	11.0	11.0	11.0	8.0	7.0	7.5
11	18.0	17.5	17.5	15.0	14.5	14.5	11.0	11.0	11.0	7.0	6.5	7.0
12	18.0	17.0	17.5	14.5	13.5	13.5	12.0	10.5	11.0	7.0	6.5	6.5
13	17.5	17.0	17.5	13.5	12.5	13.0	12.0	11.5	12.0	6.5	6.0	6.5
14	18.0	17.0	17.5	13.0	12.0	12.5	12.0	11.5	12.0	6.5	6.0	6.0
15	18.0	17.5	17.5	13.0	12.0	12.5	12.0	11.5	11.5	7.0	6.0	6.0
16	19.0	17.5	18.0	12.5	11.5	12.0	12.0	11.5	11.5	7.0	6.0	6.5
17	19.0	18.0	18.5	11.5	11.0	11.5	12.0	11.5	11.5	7.0	6.5	6.5
18	22.0	19.0	20.0	11.5	11.0	11.0	12.0	11.0	11.5	6.5	5.5	6.0
19	20.5	19.5	19.5	12.0	11.0	11.5	11.5	10.0	10.5	5.5	5.5	5.5
20	19.5	18.5	19.0	12.0	11.5	12.0	10.0	9.0	9.5	---	---	---
21	18.5	17.5	18.0	12.5	11.5	12.0	9.5	8.5	9.0	---	---	---
22	18.0	17.5	17.5	12.5	11.5	12.5	8.5	8.0	8.5	---	---	---
23	18.5	17.5	18.5	13.0	12.5	12.5	8.0	7.5	8.0	---	---	---
24	18.0	17.5	17.5	12.5	12.0	12.5	9.0	7.5	8.5	7.5	6.5	7.0
25	18.0	17.5	17.5	12.5	12.0	12.0	9.0	8.5	9.0	8.0	7.0	7.5
26	17.5	17.0	17.5	14.0	12.0	13.5	9.0	8.5	8.5	8.0	7.5	7.5
27	18.0	17.5	18.0	14.0	13.0	13.0	8.5	8.5	8.5	8.0	7.5	7.5
28	19.5	18.0	18.5	13.0	12.5	12.5	8.5	8.0	8.5	9.0	7.5	8.0
29	19.0	17.5	18.0	12.5	12.0	12.0	8.5	8.0	8.0	9.0	8.5	8.5
30	20.5	18.0	19.0	12.0	11.5	12.0	8.5	8.0	8.5	8.5	8.0	8.5
31	20.0	18.5	19.5	---	---	---	9.0	8.0	8.5	8.0	8.0	8.0
MONTH	22.0	17.0	18.4	20.0	11.0	14.1	12.5	7.5	10.4	13.0	5.5	8.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	8.0	8.0	14.0	12.0	13.0	16.5	14.0	15.0	---	---	---
2	8.5	8.0	8.0	13.5	12.5	13.0	15.5	14.0	14.5	16.5	16.0	16.0
3	8.5	8.0	8.5	15.0	13.0	13.5	14.5	14.0	14.0	18.5	16.0	17.0
4	8.5	8.5	8.5	15.0	14.0	14.5	16.0	14.0	14.5	18.0	16.0	16.5
5	10.0	8.5	9.0	14.5	13.5	14.0	15.5	14.0	15.0	17.0	16.5	17.0
6	10.5	9.0	9.5	16.0	14.0	15.0	16.0	15.0	15.5	17.0	16.5	16.5
7	10.0	9.5	9.5	15.0	14.0	14.5	16.5	14.5	15.5	17.0	16.5	16.5
8	10.5	9.5	10.0	14.5	14.0	14.5	16.5	15.5	16.0	17.5	16.0	17.0
9	10.5	10.0	10.5	14.5	14.0	14.0	16.5	15.5	16.0	18.0	16.5	17.5
10	10.5	10.0	10.5	14.5	14.0	14.0	17.0	16.0	16.5	18.5	17.0	17.5
11	10.5	9.5	10.0	14.5	14.0	14.5	18.0	16.5	17.0	17.5	17.0	17.5
12	10.0	9.5	9.5	14.5	14.0	14.5	18.0	17.0	17.5	18.0	17.0	17.5
13	10.0	9.0	9.5	15.0	14.5	14.5	18.5	17.5	18.0	18.5	17.5	18.0
14	9.0	7.0	8.0	17.0	14.5	16.0	18.5	17.5	17.5	18.5	17.0	17.5
15	7.0	6.0	6.5	16.5	15.5	16.0	17.5	17.0	17.5	18.5	17.0	17.5
16	7.5	6.5	7.0	16.0	15.0	15.5	17.5	17.0	17.5	18.0	17.0	17.5
17	7.5	7.0	7.0	15.5	14.5	15.0	18.0	17.0	17.5	17.5	17.0	17.5
18	7.5	7.0	7.0	15.0	14.5	14.5	17.5	17.5	17.5	18.0	17.0	17.5
19	7.5	7.0	7.0	15.0	14.5	14.5	17.5	16.0	17.0	18.5	17.5	17.5
20	7.5	7.5	7.5	15.0	14.5	14.5	16.5	15.5	16.0	18.5	17.5	18.0
21	10.0	7.5	8.0	15.0	14.5	14.5	17.0	15.5	16.0	18.5	17.5	18.0
22	11.0	9.5	10.5	15.0	14.5	15.0	---	---	---	19.0	18.0	18.5
23	11.0	10.5	10.5	15.5	14.5	15.0	---	---	---	19.0	18.0	18.5
24	10.5	10.5	10.5	15.5	15.0	15.0	---	---	---	19.5	18.5	18.5
25	11.0	10.0	10.5	16.0	15.0	15.5	---	---	---	19.5	18.5	19.0
26	11.0	10.5	10.5	16.5	15.5	16.0	---	---	---	20.5	18.5	19.5
27	11.0	10.0	10.5	17.0	15.5	16.5	---	---	---	21.0	19.0	19.5
28	12.5	11.0	11.5	17.0	16.5	16.5	---	---	---	21.5	19.5	20.5
29	---	---	---	17.5	16.5	17.0	---	---	---	21.5	20.5	21.5
30	---	---	---	17.5	16.0	17.0	---	---	---	21.5	21.5	21.5
31	---	---	---	17.0	15.5	16.0	---	---	---	21.5	21.0	21.5
MONTH	12.5	6.0	9.1	17.5	12.0	15.0	18.5	14.0	16.3	21.5	16.0	18.1

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	11.6	8.5	9.5	7.3	6.2	6.8	---	---	---
2	5.0	4.1	4.6	9.9	8.0	8.8	8.3	6.5	7.2	---	---	---
3	9.5	2.9	4.9	9.8	8.0	8.7	8.2	6.6	7.4	---	---	---
4	8.9	2.9	4.1	9.5	6.9	8.2	7.7	6.0	6.9	---	---	---
5	4.8	2.9	3.8	8.7	7.5	7.9	7.1	6.1	6.5	---	---	---
6	4.2	3.2	3.8	7.9	6.8	7.2	7.7	6.2	6.8	---	---	---
7	4.4	4.0	4.2	9.4	7.2	7.8	7.1	6.4	6.9	---	---	---
8	4.1	3.2	3.8	8.5	7.2	7.6	7.4	6.3	6.8	---	---	---
9	4.9	3.2	3.8	8.4	7.2	7.8	8.1	6.8	7.4	---	---	---
10	6.0	3.2	4.7	8.2	7.1	7.6	7.9	6.9	7.3	9.7	9.1	9.4
11	5.7	3.3	4.5	8.7	6.9	7.4	8.2	7.1	7.6	9.6	9.3	9.5
12	5.8	3.3	4.6	7.6	6.9	7.2	8.2	7.5	7.8	9.5	8.9	9.3
13	5.6	3.1	4.5	8.5	7.0	7.5	9.2	7.5	8.2	9.4	8.3	8.8
14	---	---	---	8.2	7.2	7.7	8.8	7.5	8.2	9.0	8.2	8.4
15	---	---	---	11.5	7.1	7.7	9.1	7.5	8.3	9.1	7.8	8.6
16	---	---	---	8.6	7.7	8.1	---	---	---	8.7	8.3	8.5
17	---	---	---	9.1	7.9	8.5	---	---	---	8.6	8.3	8.4
18	8.2	5.6	6.9	9.1	7.4	8.2	---	---	---	8.8	8.4	8.6
19	7.8	5.7	6.7	9.5	7.4	8.4	---	---	---	8.6	8.2	8.5
20	8.4	5.7	6.8	9.6	7.1	8.2	9.1	8.4	8.7	---	---	---
21	7.1	4.7	5.6	9.1	7.5	8.2	9.2	8.3	8.6	---	---	---
22	6.4	4.7	5.6	8.1	6.5	7.5	9.6	8.1	8.7	---	---	---
23	7.2	6.1	6.6	9.3	6.9	7.9	9.8	8.6	9.0	---	---	---
24	7.2	6.2	6.6	9.0	6.6	7.7	9.9	8.8	9.4	8.4	7.7	8.2
25	7.1	6.4	6.8	8.7	7.3	8.1	---	---	---	8.7	8.2	8.4
26	8.4	6.4	7.4	8.1	6.6	7.4	---	---	---	8.6	8.1	8.4
27	8.7	7.4	8.1	7.9	6.9	7.3	---	---	---	9.2	8.1	8.4
28	9.1	7.6	8.5	8.3	6.7	7.3	---	---	---	9.4	8.5	8.8
29	10.3	7.4	9.0	---	---	---	---	---	---	9.4	8.6	8.9
30	9.6	8.6	9.2	7.3	6.4	6.8	---	---	---	9.3	8.8	8.9
31	9.4	8.2	8.5	---	---	---	---	---	---	9.2	8.4	8.9
MONTH	10.3	2.9	5.9	11.6	6.4	7.9	9.9	6.0	7.7	9.7	7.7	8.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.2	8.7	8.9	8.4	6.8	7.6	---	---	---	---	---	---
2	9.1	8.7	8.9	8.1	7.3	7.8	---	---	---	8.8	7.5	8.2
3	8.9	8.2	8.6	7.9	7.2	7.5	---	---	---	9.1	7.1	8.2
4	9.7	7.9	8.7	7.5	6.8	7.1	---	---	---	9.1	6.9	7.6
5	9.4	8.8	9.2	7.9	6.6	7.1	---	---	---	8.5	6.6	7.7
6	9.5	9.0	9.2	7.7	7.2	7.4	---	---	---	10.3	7.2	8.8
7	10.6	7.6	8.9	7.4	7.0	7.3	---	---	---	9.7	6.6	8.4
8	10.7	8.1	9.1	8.0	7.1	7.6	---	---	---	10.0	7.2	8.2
9	8.7	6.9	7.4	7.7	7.2	7.4	---	---	---	9.6	7.3	8.8
10	8.5	6.9	7.5	8.2	7.7	8.0	---	---	---	10.1	7.8	8.9
11	8.9	7.1	7.8	9.0	7.5	8.3	---	---	---	10.9	8.0	9.0
12	9.3	7.5	8.6	8.6	7.7	8.2	---	---	---	10.1	8.0	8.9
13	9.0	8.4	8.7	9.3	7.2	8.2	---	---	---	10.1	8.0	9.0
14	10.0	8.6	9.2	9.0	7.1	7.7	---	---	---	10.0	7.8	8.7
15	10.4	9.9	10.2	8.0	6.8	7.2	---	---	---	8.9	7.5	8.3
16	10.2	9.6	10.0	7.3	5.9	6.5	---	---	---	10.1	7.4	8.2
17	10.0	9.5	9.7	6.4	5.7	6.1	---	---	---	10.1	8.2	9.3
18	9.9	9.1	9.5	7.3	5.7	6.5	---	---	---	9.6	8.3	9.1
19	10.1	8.9	9.6	7.4	5.9	6.7	---	---	---	9.2	7.4	8.5
20	9.6	8.8	9.2	7.1	6.0	6.7	---	---	---	9.3	7.3	8.1
21	9.8	8.8	9.2	6.6	5.8	6.2	---	---	---	8.7	6.8	7.7
22	9.2	8.7	8.9	7.2	6.1	6.8	---	---	---	9.1	6.3	8.3
23	9.0	8.4	8.6	7.0	5.7	6.5	---	---	---	10.0	7.9	8.7
24	9.1	8.2	8.6	7.9	5.7	6.5	---	---	---	9.7	8.3	9.0
25	9.0	8.3	8.6	8.1	6.1	7.2	---	---	---	9.5	7.8	8.8
26	9.9	7.9	8.8	7.6	6.8	7.2	---	---	---	9.2	6.8	8.0
27	9.9	8.2	8.7	8.7	6.5	7.4	---	---	---	8.6	6.8	7.8
28	8.8	7.6	8.4	8.6	5.2	7.0	---	---	---	7.6	6.5	7.2
29	---	---	---	9.6	4.7	7.0	---	---	---	8.9	6.6	7.3
30	---	---	---	---	---	---	---	---	---	10.2	6.8	7.7
31	---	---	---	---	---	---	---	---	---	10.0	6.0	8.0
MONTH	10.7	6.9	8.9	9.6	4.7	7.2	---	---	---	10.9	6.0	8.3

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MIDDLE

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	11.2	5.8	8.6	6.8	5.1	6.1	---	---	---
2	6.1	.6	3.5	7.3	5.1	6.3	8.9	6.1	7.2	---	---	---
3	7.5	1.3	4.0	10.7	4.8	6.8	8.3	6.1	7.2	9.8	8.6	9.2
4	4.4	.9	2.5	8.8	2.9	5.7	8.0	5.3	6.7	10.4	8.8	9.3
5	4.6	.4	2.8	7.4	4.2	5.5	7.3	5.5	6.3	9.3	8.5	8.9
6	4.5	1.4	3.1	5.5	3.0	4.1	7.2	5.9	6.4	9.5	8.5	9.0
7	5.6	1.6	3.1	6.3	2.2	4.5	7.0	5.3	6.2	10.1	8.7	9.3
8	5.3	.7	2.3	6.9	3.9	5.7	7.3	5.9	6.6	9.7	8.5	9.2
9	9.4	.6	2.6	6.9	3.9	5.5	8.3	6.6	7.3	9.3	8.3	8.9
10	7.8	.0	2.9	6.6	3.5	5.2	8.0	6.7	7.1	9.8	9.3	9.6
11	4.3	.0	1.9	7.0	2.9	4.8	7.6	6.3	6.8	9.9	8.8	9.6
12	5.4	.0	2.7	5.7	2.6	4.1	7.3	6.4	6.9	9.5	8.7	9.2
13	5.0	.6	2.7	7.4	2.4	4.9	9.1	6.6	7.6	9.4	8.1	8.7
14	11.2	2.1	6.3	7.6	4.2	5.6	9.2	7.3	8.3	9.1	8.0	8.4
15	9.8	2.8	6.5	8.4	6.0	7.2	9.7	7.1	8.3	9.3	7.7	8.7
16	7.2	1.5	5.0	8.4	5.8	7.3	9.9	7.0	8.3	9.2	8.0	8.3
17	6.1	3.8	4.7	8.3	5.1	6.8	9.3	6.9	7.9	8.5	8.0	8.2
18	9.0	3.8	6.5	8.8	4.6	6.6	8.5	7.8	8.1	8.5	8.1	8.3
19	7.7	4.5	6.0	10.1	5.3	8.5	9.2	7.9	8.5	8.4	7.9	8.2
20	8.6	3.5	5.8	11.3	7.7	9.3	9.7	8.7	9.0	---	---	---
21	6.5	1.7	3.5	9.8	7.4	8.7	9.9	8.8	9.2	---	---	---
22	5.1	1.9	3.3	8.9	6.6	8.0	10.2	7.8	8.8	---	---	---
23	7.0	3.7	5.6	10.3	7.2	8.5	9.9	7.8	9.1	---	---	---
24	7.9	3.8	5.1	9.3	6.8	7.9	9.8	8.3	9.0	8.1	7.2	7.6
25	7.6	3.3	5.1	9.4	6.9	8.2	10.0	8.1	9.3	8.1	7.5	7.8
26	8.1	2.5	5.1	7.8	5.6	6.9	10.0	8.8	9.4	8.1	7.3	7.7
27	8.1	4.4	6.0	8.6	7.2	7.7	9.7	8.9	9.2	8.9	7.3	7.9
28	9.3	5.0	6.8	7.9	6.7	7.4	10.6	8.0	9.3	9.1	7.7	8.3
29	9.3	3.0	6.5	8.5	6.6	7.2	11.3	8.7	9.8	9.1	8.0	8.5
30	8.9	6.5	7.7	7.8	6.4	6.9	10.7	8.5	9.5	8.9	8.2	8.4
31	7.4	4.6	6.2	---	---	---	12.1	9.5	10.6	8.7	8.0	8.3
MONTH	11.2	.0	4.5	11.3	2.2	6.7	12.1	5.1	8.1	10.4	7.2	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.9	8.1	8.4	8.2	6.2	7.0	---	---	---	---	---	---
2	8.8	8.1	8.4	7.9	6.2	7.1	---	---	---	7.5	5.6	6.4
3	8.2	7.3	7.8	7.5	6.2	6.9	---	---	---	8.8	6.2	7.6
4	8.2	6.9	7.4	6.8	5.5	6.1	---	---	---	7.7	6.3	7.0
5	9.2	7.8	8.7	7.5	5.5	6.6	---	---	---	7.1	5.8	6.4
6	9.0	7.1	8.5	7.2	6.5	6.9	---	---	---	8.7	5.4	6.7
7	9.1	8.3	8.7	7.3	6.5	6.8	---	---	---	9.0	4.4	6.0
8	8.9	7.7	8.5	7.7	6.5	7.1	---	---	---	7.2	4.7	5.6
9	8.3	7.5	7.9	7.4	6.6	7.1	---	---	---	7.8	5.5	6.5
10	8.7	7.7	8.1	8.1	7.1	7.9	---	---	---	8.7	4.8	6.1
11	8.6	7.5	8.0	9.4	7.7	8.4	---	---	---	7.5	4.8	6.3
12	9.1	8.0	8.4	8.8	7.5	8.3	---	---	---	7.8	5.5	6.7
13	8.4	7.9	8.1	8.0	5.3	6.7	---	---	---	9.6	5.6	6.7
14	9.8	8.0	9.0	8.2	5.7	7.1	---	---	---	8.1	4.6	6.0
15	11.8	9.7	10.9	7.2	5.6	6.4	---	---	---	8.5	4.5	6.4
16	11.6	10.2	11.0	6.7	4.7	5.5	---	---	---	7.7	3.5	5.5
17	10.3	9.4	9.9	5.9	4.3	5.1	---	---	---	8.1	4.4	6.2
18	10.2	8.9	9.5	6.8	4.5	5.4	---	---	---	5.9	4.4	4.9
19	10.3	8.1	9.4	6.8	4.8	6.0	---	---	---	5.2	4.2	4.8
20	9.1	8.1	8.7	6.2	4.4	5.3	---	---	---	6.1	4.0	4.7
21	10.3	8.1	9.0	5.7	4.3	5.1	---	---	---	4.6	1.2	3.3
22	9.1	8.5	8.8	6.4	5.4	6.0	---	---	---	5.6	1.0	2.5
23	9.1	7.8	8.3	6.3	3.8	5.3	---	---	---	5.7	2.0	4.0
24	8.6	7.6	8.1	5.7	3.3	4.7	---	---	---	6.8	3.7	5.2
25	8.3	7.7	8.0	7.1	3.1	5.4	---	---	---	6.3	3.9	4.9
26	8.9	7.3	8.0	7.3	6.4	6.9	---	---	---	6.4	2.4	4.5
27	9.1	7.2	8.2	8.0	6.4	7.0	---	---	---	7.2	1.0	4.0
28	8.7	7.0	7.9	---	---	---	---	---	---	7.2	4.2	5.8
29	---	---	---	---	---	---	---	---	---	6.8	5.4	6.0
30	---	---	---	---	---	---	---	---	---	6.5	5.0	5.8
31	---	---	---	---	---	---	---	---	---	6.3	3.3	5.2
MONTH	11.8	6.9	8.6	9.4	3.1	6.4	---	---	---	9.6	1.0	5.6

SANTEE RIVER BASIN
02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	8.3	3.2	5.5	9.0	5.2	6.5	---	---	---
2	2.3	.0	1.1	8.4	5.3	7.2	7.7	4.7	5.9	---	---	---
3	.2	.0	.0	7.1	4.7	6.3	6.3	4.3	5.1	10.9	7.3	9.1
4	3.5	.0	1.7	6.3	3.5	4.9	5.7	3.9	4.8	10.2	7.8	8.9
5	4.2	2.3	3.2	5.7	3.8	4.6	6.4	3.7	4.9	9.3	7.4	8.3
6	4.9	3.5	4.1	7.0	3.7	5.1	6.2	4.9	5.4	9.8	7.2	8.4
7	4.8	4.2	4.4	6.8	3.1	4.1	7.2	4.8	5.8	9.3	6.5	7.8
8	5.7	3.4	5.0	9.8	4.2	7.0	7.3	5.0	6.1	8.5	6.4	7.4
9	4.9	2.9	3.9	8.2	5.8	6.9	6.7	5.5	6.0	9.7	6.4	8.4
10	3.8	2.3	2.9	6.8	5.2	6.0	6.9	5.3	6.0	9.9	8.3	9.2
11	3.8	1.4	2.3	7.1	5.1	5.8	7.5	6.1	6.7	10.2	8.1	9.1
12	3.1	1.3	2.3	5.9	4.8	5.3	8.9	6.4	7.2	9.3	8.1	8.5
13	5.8	1.4	2.8	9.9	4.8	5.7	8.9	5.6	6.8	9.0	7.9	8.5
14	5.5	1.2	3.2	9.0	5.4	7.1	7.3	5.2	6.3	8.9	7.8	8.3
15	6.6	.8	1.9	9.6	7.7	8.6	6.8	3.3	5.6	10.2	7.7	8.5
16	4.9	.6	2.1	9.9	7.2	8.6	6.7	3.9	5.7	10.8	7.9	9.9
17	5.9	1.9	3.8	8.8	6.8	7.7	7.8	5.2	6.4	10.5	8.0	9.4
18	8.5	2.6	4.8	8.9	6.1	7.2	7.9	6.4	7.0	10.3	8.4	9.4
19	7.1	.0	3.1	9.5	4.4	6.3	9.6	7.2	8.1	9.6	7.9	8.5
20	6.9	1.4	3.7	5.9	3.8	4.9	7.9	6.7	7.2	---	---	---
21	8.5	1.4	3.3	6.9	3.8	4.8	7.6	6.4	6.7	---	---	---
22	7.2	2.7	4.5	7.2	3.4	5.6	8.1	6.2	7.2	---	---	---
23	7.6	3.7	4.9	7.4	5.2	6.3	8.5	7.1	7.7	---	---	---
24	6.6	3.7	5.0	6.1	3.0	4.9	10.1	7.6	8.7	10.4	7.7	9.2
25	4.2	1.8	2.8	6.9	4.2	5.8	9.0	7.0	7.8	9.3	7.5	8.4
26	4.2	.7	2.7	9.7	5.9	8.2	9.2	7.0	8.1	9.2	7.5	8.3
27	3.1	.5	2.0	8.0	5.4	6.8	9.2	7.5	8.3	9.0	7.4	8.1
28	5.9	1.3	3.2	6.9	5.3	5.9	9.2	6.9	7.9	9.1	7.7	8.2
29	4.4	.8	2.4	7.1	5.3	6.1	8.6	6.5	7.7	9.5	7.9	8.5
30	8.5	2.9	5.4	6.5	4.9	5.8	8.4	6.4	7.3	9.9	7.9	8.7
31	7.6	4.0	5.9	---	---	---	9.9	6.2	8.0	9.6	7.6	8.4
MONTH	8.5	.0	3.3	9.9	3.0	6.2	10.1	3.3	6.7	10.9	6.4	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	8.2	8.7	8.2	4.7	6.2	---	---	---	---	---	---
2	9.2	7.9	8.4	5.8	4.5	5.3	---	---	---	6.7	3.4	4.4
3	8.2	7.0	7.8	5.8	3.9	4.9	---	---	---	6.4	3.1	4.6
4	8.8	7.1	7.5	6.0	3.2	4.4	---	---	---	4.7	1.9	2.6
5	9.5	7.0	8.7	6.1	3.2	4.8	---	---	---	3.9	2.3	3.3
6	9.7	6.6	8.0	6.5	5.2	5.7	---	---	---	3.3	1.8	2.5
7	7.9	5.8	6.8	6.7	4.4	5.7	---	---	---	3.3	.9	2.6
8	9.6	6.3	8.0	6.6	5.0	6.1	---	---	---	2.9	1.8	2.5
9	8.3	7.1	7.8	6.7	5.0	5.7	---	---	---	4.5	1.6	3.0
10	8.1	7.1	7.6	6.9	6.0	6.4	---	---	---	4.4	1.7	2.4
11	8.1	5.8	7.3	7.3	6.3	6.9	---	---	---	2.3	1.3	1.7
12	8.9	7.5	8.1	7.2	4.8	5.9	---	---	---	2.5	1.0	1.3
13	8.7	7.7	8.1	5.2	3.3	4.3	---	---	---	4.1	.5	1.7
14	11.5	7.9	9.0	7.1	3.0	5.0	---	---	---	3.5	.7	1.8
15	11.2	9.2	10.1	5.0	2.5	3.8	---	---	---	3.5	1.7	2.6
16	10.3	8.9	9.5	4.8	1.0	3.2	---	---	---	3.4	2.3	2.7
17	9.2	7.7	8.4	6.2	1.7	5.1	---	---	---	2.3	1.4	1.8
18	8.8	6.9	7.9	5.9	4.9	5.5	---	---	---	2.0	.8	1.3
19	9.1	6.9	7.6	5.8	4.6	5.4	---	---	---	2.1	.5	1.1
20	8.0	6.4	7.0	4.9	3.3	4.1	---	---	---	2.5	.7	1.9
21	9.0	5.8	7.0	4.5	2.7	3.7	---	---	---	1.7	1.2	1.4
22	8.3	7.2	7.8	5.3	3.6	4.7	---	---	---	1.3	.0	.7
23	7.5	6.0	6.8	4.9	2.6	3.8	---	---	---	.5	.0	.0
24	7.2	5.6	6.3	4.0	1.2	2.8	---	---	---	.0	.0	.0
25	6.8	5.4	6.1	5.0	1.1	2.4	---	---	---	.5	.0	.0
26	7.5	4.7	6.0	5.3	3.1	4.2	---	---	---	5.3	.1	2.5
27	6.4	4.7	5.7	---	---	---	---	---	---	3.3	.0	2.0
28	8.2	5.4	6.3	---	---	---	---	---	---	3.8	1.7	2.6
29	---	---	---	---	---	---	---	---	---	5.3	2.2	4.3
30	---	---	---	---	---	---	---	---	---	5.0	3.4	4.4
31	---	---	---	---	---	---	---	---	---	4.0	1.3	3.1
MONTH	11.5	4.7	7.7	8.2	1.0	4.8	---	---	---	6.7	.0	2.2

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP
(+)	42.55	43.48	48.70	56.72	60.17	62.45	64.57	65.59	64.53	63.79	59.34	57.66
(*)	-18.7	+359	+1949	+2994	+1426	+851	+818	+381	-409	-276	-1661	-648
(*) CALENDAR YEAR 1996 --- -157												
(*) WATER YEAR 1997--- +478												
(+) -- CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.												
(*) -- CHANGE IN CONTENT, EQUIVALENT IN CUBIC FEET PER SECOND.												

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--October 1992 to current year.

WATER TEMPERATURE (Top): October 1992 to current year.

WATER TEMPERATURE (Bottom): October 1992 to current year.

DISSOLVED OXYGEN (Top): October 1992 to current year.

DISSOLVED OXYGEN (Bottom): October 1992 to 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; 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.

DISSOLVED OXYGEN (Bottom): Maximum, 11.8 mg/L, Mar. 23, 24, 1993; minimum, 0.0 mg/L many days in 1993, 1994, 1995, 1996, 1997 water years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 31.5°C, July 4, 20, 21; minimum, 8.5°C, Feb. 15, 17, 18.

WATER TEMPERATURE (Bottom): Maximum, 22.5°C, Sept. 23; minimum, 8.0°C, several days in Feb.

DISSOLVED OXYGEN (Top): Maximum, 11.4 mg/L, Oct. 18, Mar. 5; minimum 0.0 mg/L, several days in Oct.

DISSOLVED OXYGEN (Bottom): Maximum, 10.7 mg/L, Feb. 27; minimum, 0.0 mg/L, several days in Sept.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	20.5	20.0	20.0	15.0	14.5	15.0	12.5	11.5	11.5
2	---	---	---	20.0	20.0	20.0	15.5	14.5	15.0	12.0	11.5	11.5
3	---	---	---	20.0	19.5	19.5	15.0	14.5	15.0	12.5	11.5	12.0
4	---	---	---	19.5	19.5	19.5	15.0	14.5	14.5	13.0	12.0	12.5
5	---	---	---	19.5	19.0	19.0	15.0	14.5	14.5	13.0	12.5	12.5
6	---	---	---	19.5	19.0	19.0	15.0	14.0	14.5	13.0	12.5	13.0
7	---	---	---	19.5	19.0	19.0	14.5	14.0	14.0	12.5	12.0	12.5
8	---	---	---	19.5	19.0	19.5	14.5	14.0	14.5	12.5	12.0	12.0
9	---	---	---	19.0	18.5	19.0	14.5	14.0	14.0	12.0	11.5	11.5
10	---	---	---	19.0	18.5	18.5	14.5	13.5	14.0	12.0	12.0	12.0
11	22.0	21.0	21.5	18.5	18.0	18.5	14.0	13.5	14.0	12.5	11.5	12.0
12	21.5	21.0	21.0	18.0	17.5	18.0	14.0	13.5	13.5	12.0	11.0	11.5
13	22.0	21.0	21.5	18.0	17.5	17.5	14.0	13.5	13.5	11.5	11.0	11.0
14	21.5	21.0	21.0	17.5	17.0	17.5	14.0	13.5	13.5	11.5	11.0	11.0
15	22.5	21.0	21.5	17.5	17.0	17.0	14.0	13.5	13.5	11.0	11.0	11.0
16	23.0	21.0	21.5	17.5	17.0	17.0	13.5	13.5	13.5	11.5	11.0	11.0
17	23.5	21.0	22.0	17.0	16.5	17.0	14.0	13.0	13.5	11.0	10.5	11.0
18	22.5	21.5	22.0	16.5	16.0	16.5	13.5	13.0	13.5	11.0	10.0	10.5
19	21.5	20.5	21.0	16.5	16.0	16.5	13.5	13.0	13.0	10.5	10.0	10.5
20	20.5	20.5	20.5	16.5	16.0	16.0	13.0	12.5	13.0	10.5	10.0	10.0
21	20.5	20.0	20.5	16.0	15.5	16.0	13.0	12.5	12.5	10.5	10.0	10.0
22	21.5	20.0	20.5	16.0	15.5	16.0	12.5	12.0	12.5	10.0	10.0	10.0
23	20.5	19.5	20.5	16.0	15.5	15.5	12.0	11.5	12.0	10.5	10.0	10.0
24	20.0	19.5	20.0	15.5	15.0	15.5	12.0	12.0	12.0	10.5	10.0	10.0
25	20.0	19.0	20.0	15.5	15.0	15.5	12.0	11.5	12.0	10.5	10.0	10.0
26	20.0	19.5	19.5	16.0	15.0	15.5	12.0	11.5	12.0	10.5	10.0	10.0
27	20.0	19.5	19.5	15.5	15.0	15.5	12.0	11.5	12.0	10.0	10.0	10.0
28	20.5	19.5	20.0	15.5	15.0	15.0	12.0	11.5	12.0	10.5	10.0	10.0
29	20.5	19.5	20.0	15.0	14.5	15.0	12.0	11.5	11.5	10.0	9.5	10.0
30	21.5	19.5	20.5	15.0	14.5	14.5	12.0	11.5	12.0	10.0	9.5	10.0
31	21.0	20.5	20.5	---	---	---	13.5	12.0	12.5	10.0	10.0	10.0
MONTH	23.5	19.0	20.7	20.5	14.5	17.3	15.5	11.5	13.3	13.0	9.5	11.0

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.0	10.0	10.0	13.0	10.0	12.0	16.0	15.5	15.5	---	---	---
2	10.5	10.0	10.0	13.5	12.0	12.5	16.0	15.5	15.5	18.0	17.0	17.5
3	11.0	10.0	10.0	12.5	12.0	12.5	16.5	15.5	16.0	18.0	17.5	17.5
4	10.0	9.5	9.5	13.5	12.0	12.5	17.5	16.0	16.5	17.5	17.0	17.5
5	11.0	9.0	10.0	14.5	12.5	13.0	17.5	16.5	17.0	18.5	17.0	17.5
6	10.0	9.0	9.5	13.5	13.0	13.5	17.5	17.0	17.5	19.0	17.5	18.0
7	10.5	9.5	9.5	14.0	12.5	13.5	18.5	17.5	18.0	19.0	17.5	18.5
8	10.0	9.0	9.5	13.5	13.0	13.5	18.0	17.0	17.5	20.0	18.5	19.5
9	9.5	9.0	9.0	14.0	13.0	13.5	18.0	16.5	17.5	20.0	19.5	20.0
10	9.5	9.0	9.5	14.5	13.0	13.5	17.0	16.0	16.5	20.0	19.5	19.5
11	9.5	9.0	9.5	15.5	14.0	15.0	17.0	16.0	16.5	20.5	19.0	19.5
12	9.5	9.0	9.5	15.0	13.5	14.5	17.0	16.5	17.0	20.5	19.5	20.0
13	9.5	9.0	9.0	14.0	12.5	13.0	17.5	17.0	17.0	20.0	19.5	19.5
14	9.0	9.0	9.0	14.5	13.0	13.5	17.0	16.5	16.5	20.0	19.5	20.0
15	9.0	8.5	9.0	14.5	13.5	14.0	17.5	16.0	16.5	20.5	19.5	20.0
16	10.0	9.0	9.5	14.0	13.0	13.5	18.0	16.0	16.5	20.5	19.5	20.0
17	9.5	8.5	9.0	15.0	13.0	14.0	17.5	16.5	16.5	20.5	19.5	20.0
18	10.0	8.5	9.0	15.0	14.0	14.5	16.5	16.0	16.0	22.0	20.5	20.5
19	10.5	9.0	9.5	15.0	14.5	14.5	16.0	16.0	16.0	23.0	21.5	22.0
20	10.0	9.0	9.5	15.0	14.0	14.5	17.0	15.5	16.0	23.0	22.5	23.0
21	---	---	---	15.5	14.5	15.0	17.5	16.0	16.5	23.0	21.5	22.5
22	---	---	---	15.5	15.0	15.0	---	---	---	23.0	20.0	22.0
23	---	---	---	16.5	14.5	15.5	---	---	---	24.0	22.0	23.0
24	---	---	---	16.0	14.5	15.0	---	---	---	24.5	23.0	23.5
25	---	---	---	15.0	14.0	14.5	---	---	---	23.5	23.5	23.5
26	10.0	9.5	10.0	16.0	15.0	15.5	---	---	---	24.5	23.0	23.5
27	11.0	9.5	10.0	16.0	15.0	15.5	---	---	---	23.5	21.5	22.0
28	11.5	10.0	10.5	16.5	15.0	16.0	---	---	---	21.5	18.5	19.5
29	---	---	---	17.5	16.0	16.5	---	---	---	21.5	20.0	20.5
30	---	---	---	17.0	16.0	16.5	---	---	---	22.5	21.0	21.5
31	---	---	---	17.0	16.0	16.5	---	---	---	22.5	21.0	21.5
MONTH	11.5	8.5	9.5	17.5	10.0	14.3	18.5	15.5	16.6	24.5	17.0	20.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	23.0	22.0	22.5	28.0	26.5	27.5	---	---	---	28.0	27.5	27.5
2	24.0	22.5	23.0	29.5	27.5	28.5	---	---	---	28.0	27.5	27.5
3	23.5	22.5	23.0	30.0	28.0	29.0	---	---	---	29.5	27.5	28.0
4	22.5	22.0	22.0	31.5	29.0	30.0	---	---	---	28.0	26.5	27.0
5	22.0	21.5	21.5	31.0	29.5	30.0	---	---	---	27.5	26.5	27.0
6	21.5	20.0	20.5	29.5	29.0	29.0	---	---	---	27.5	26.5	27.0
7	20.5	20.5	20.5	29.0	28.5	28.5	---	---	---	27.0	26.0	26.5
8	21.0	20.5	20.5	29.5	28.5	29.0	---	---	---	27.0	26.0	26.5
9	21.0	20.5	21.0	30.0	28.5	29.0	27.5	27.0	27.0	26.5	26.0	26.5
10	21.5	20.5	21.0	30.0	28.5	29.0	27.0	26.5	27.0	26.5	26.0	26.0
11	22.0	21.0	21.5	28.5	28.0	28.0	28.5	26.5	27.5	27.5	26.0	26.5
12	23.5	21.5	22.5	29.5	28.0	28.5	29.0	27.5	28.0	27.0	25.5	26.5
13	25.0	22.5	23.5	30.0	28.5	29.0	29.5	28.0	28.5	28.5	26.0	27.0
14	25.0	24.0	24.5	30.0	29.0	29.5	30.0	28.5	29.0	28.5	27.0	27.5
15	24.0	21.5	23.0	30.5	29.0	30.0	30.5	29.0	29.5	28.5	26.5	27.0
16	25.0	22.5	23.5	30.0	29.0	29.5	30.5	29.5	29.5	26.5	26.0	26.0
17	25.0	23.5	24.5	30.5	29.0	29.5	30.5	29.5	30.0	28.0	26.0	27.0
18	25.0	24.5	24.5	30.5	29.0	30.0	30.0	29.5	30.0	27.0	26.5	26.5
19	26.5	24.5	25.0	30.5	29.5	30.0	30.0	29.5	29.5	27.5	26.0	26.5
20	27.5	24.5	26.0	31.5	30.0	30.5	30.0	29.0	29.5	27.5	26.0	27.0
21	26.5	24.5	26.0	31.5	30.0	30.5	30.5	29.0	30.0	27.0	25.5	26.0
22	27.0	25.5	26.0	31.0	30.0	30.5	30.0	29.0	29.5	25.5	25.0	25.0
23	28.5	26.5	27.0	---	---	---	29.5	28.5	29.0	25.5	25.0	25.0
24	27.5	25.5	26.5	---	---	---	29.0	28.0	28.5	25.5	24.5	25.0
25	28.5	26.5	27.0	---	---	---	29.0	28.0	28.5	24.5	24.0	24.5
26	28.5	27.0	28.0	---	---	---	29.0	28.0	28.5	24.0	24.0	24.0
27	28.0	27.0	27.5	---	---	---	29.0	28.0	28.0	24.0	23.5	23.5
28	27.0	24.5	26.0	---	---	---	29.0	28.0	28.5	23.5	23.0	23.5
29	26.0	24.5	25.0	---	---	---	29.5	28.0	29.0	23.5	23.0	23.5
30	27.5	25.5	26.0	---	---	---	28.5	27.5	28.0	23.5	23.0	23.5
31	---	---	---	---	---	---	28.5	27.5	27.5	---	---	---
MONTH	28.5	20.0	24.0	31.5	26.5	29.3	30.5	26.5	28.7	29.5	23.0	26.0
YEAR	31.5	8.5	19.0									

SANTEE RIVER BASIN
02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	19.0	18.5	18.5	14.5	14.0	14.0	11.5	11.5	11.5
2	---	---	---	19.0	18.5	18.5	14.5	14.0	14.0	11.5	11.5	11.5
3	---	---	---	18.5	18.5	18.5	14.0	14.0	14.0	12.5	11.5	12.0
4	---	---	---	18.5	18.0	18.0	14.0	14.0	14.0	11.5	11.5	11.5
5	---	---	---	18.0	18.0	18.0	14.0	14.0	14.0	12.5	11.5	11.5
6	---	---	---	18.0	18.0	18.0	14.0	13.5	14.0	12.0	11.5	11.5
7	---	---	---	18.0	18.0	18.0	14.0	13.5	14.0	12.5	11.5	12.0
8	---	---	---	18.5	18.0	18.0	14.0	13.5	14.0	12.0	11.0	11.5
9	---	---	---	18.0	17.5	17.5	13.5	13.5	13.5	11.5	11.0	11.5
10	---	---	---	17.5	17.0	17.5	13.5	13.5	13.5	11.5	11.5	11.5
11	20.0	19.5	19.5	17.0	17.0	17.0	13.5	13.5	13.5	11.5	11.0	11.0
12	19.5	19.5	19.5	17.0	16.5	17.0	13.5	13.5	13.5	11.0	11.0	11.0
13	19.5	19.0	19.5	16.5	16.5	16.5	13.5	13.5	13.5	11.0	10.5	10.5
14	19.5	19.0	19.5	16.5	16.0	16.5	13.5	13.0	13.5	10.5	10.5	10.5
15	19.0	19.0	19.0	16.5	16.0	16.0	13.5	13.5	13.5	10.5	10.5	10.5
16	19.0	19.0	19.0	16.0	15.5	16.0	13.5	13.0	13.0	10.5	10.5	10.5
17	19.0	19.0	19.0	15.5	15.5	15.5	13.5	13.0	13.0	10.5	10.0	10.0
18	19.5	19.0	19.0	15.5	15.0	15.0	13.5	13.0	13.5	10.0	9.5	10.0
19	19.5	19.0	19.0	15.0	15.0	15.0	13.0	13.0	13.0	9.5	9.5	9.5
20	19.0	18.5	19.0	15.0	14.5	15.0	13.0	12.5	12.5	9.5	9.5	9.5
21	19.0	18.5	18.5	14.5	14.5	14.5	12.5	12.0	12.5	9.5	9.0	9.5
22	18.5	18.5	18.5	14.5	14.5	14.5	12.5	12.0	12.0	9.5	9.0	9.0
23	18.5	18.5	18.5	14.5	14.5	14.5	12.0	12.0	12.0	9.5	9.0	9.5
24	19.0	18.5	18.5	14.5	14.0	14.5	12.5	12.0	12.0	9.0	9.0	9.0
25	18.5	18.0	18.5	14.5	14.5	14.5	12.0	11.5	12.0	9.5	9.0	9.0
26	18.5	18.0	18.0	15.0	14.5	15.0	11.5	11.5	11.5	9.5	9.0	9.0
27	18.5	18.0	18.5	15.0	14.0	14.5	11.5	11.5	11.5	9.0	9.0	9.0
28	18.5	18.5	18.5	14.5	14.0	14.0	12.0	11.5	12.0	9.5	9.0	9.0
29	18.5	18.0	18.5	14.0	14.0	14.0	12.0	12.0	12.0	9.0	8.5	8.5
30	19.0	18.5	18.5	14.0	14.0	14.0	12.0	11.5	11.5	8.5	8.5	8.5
31	18.5	18.5	18.5	---	---	---	12.0	11.5	11.5	8.5	8.5	8.5
MONTH	20.0	18.0	18.8	19.0	14.0	16.1	14.5	11.5	13.0	12.5	8.5	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.5	9.0	9.0	8.5	9.0	14.5	11.5	14.0	---	---	---
2	9.0	8.5	8.5	9.0	8.5	8.5	12.0	10.5	10.5	13.5	12.0	13.0
3	8.5	8.5	8.5	12.0	8.5	9.0	11.0	10.5	11.0	13.0	12.0	12.5
4	8.5	8.0	8.5	10.0	9.0	9.0	11.5	10.5	11.0	14.0	13.0	13.5
5	8.5	8.0	8.5	9.5	8.5	9.0	11.5	10.5	11.0	14.0	12.0	12.5
6	8.5	8.0	8.5	10.5	8.5	9.5	11.5	10.5	11.0	13.5	12.5	13.0
7	8.5	8.5	8.5	10.5	9.0	9.5	12.5	10.5	11.5	13.5	12.5	13.0
8	8.5	8.0	8.5	9.5	9.0	9.0	12.5	10.5	11.5	13.5	12.0	13.0
9	8.5	8.0	8.0	9.5	9.0	9.5	11.5	10.5	11.0	14.5	13.0	13.5
10	8.5	8.0	8.5	9.5	9.0	9.5	11.5	10.5	11.0	14.5	13.0	14.0
11	8.5	8.5	8.5	10.0	9.5	9.5	12.0	11.0	11.5	13.5	13.0	13.0
12	9.0	8.5	8.5	10.0	9.0	9.5	12.0	10.5	11.0	13.5	13.0	13.5
13	8.5	8.0	8.5	9.5	9.0	9.5	12.5	11.0	12.0	14.5	13.5	14.0
14	8.5	8.0	8.5	9.5	9.0	9.5	12.5	11.5	12.0	14.0	13.0	13.5
15	8.5	8.0	8.5	10.5	9.5	10.0	12.0	11.0	11.5	14.0	13.0	13.5
16	8.5	8.0	8.5	10.5	9.5	10.0	12.0	11.5	11.5	14.5	13.5	14.0
17	8.5	8.0	8.5	10.0	9.5	9.5	12.5	11.0	12.0	14.0	13.0	13.5
18	8.5	8.0	8.5	10.5	9.5	10.0	15.0	12.5	13.5	14.0	13.5	13.5
19	8.5	8.5	8.5	10.5	9.5	10.0	14.5	12.5	13.5	14.0	13.5	14.0
20	8.5	8.0	8.5	11.0	9.5	10.0	14.0	12.0	12.5	14.5	13.0	13.5
21	---	---	---	10.0	9.5	10.0	13.0	12.0	12.0	14.0	13.5	13.5
22	---	---	---	11.0	10.0	10.0	---	---	---	14.0	13.5	14.0
23	---	---	---	11.0	10.0	10.0	---	---	---	14.0	13.5	14.0
24	---	---	---	10.5	10.0	10.0	---	---	---	14.0	13.5	13.5
25	---	---	---	10.5	9.5	10.0	---	---	---	14.0	13.5	13.5
26	9.0	8.5	8.5	10.5	10.0	10.0	---	---	---	14.5	14.0	14.0
27	10.0	8.5	9.0	11.0	10.0	10.5	---	---	---	14.0	13.5	14.0
28	9.0	8.5	8.5	10.5	10.0	10.0	---	---	---	14.0	14.0	14.0
29	---	---	---	10.5	10.0	10.5	---	---	---	14.5	13.5	14.0
30	---	---	---	11.0	10.0	10.5	---	---	---	14.5	14.0	14.0
31	---	---	---	15.0	10.0	13.0	---	---	---	14.5	13.5	14.0
MONTH	10.0	8.0	8.5	15.0	8.5	9.8	15.0	10.5	11.7	14.5	12.0	13.6

SANTEE RIVER BASIN
02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	9.2	1.5	7.5	9.5	7.6	8.5	8.9	8.3	8.4
2	---	---	---	8.4	1.3	5.6	9.5	8.7	9.2	8.5	8.3	8.4
3	---	---	---	3.7	.9	2.3	9.4	8.0	8.9	9.2	8.3	8.7
4	---	---	---	3.0	.6	1.9	9.5	8.6	9.1	9.4	9.0	9.2
5	---	---	---	3.4	1.2	2.5	---	---	---	9.5	9.2	9.3
6	---	---	---	3.5	1.4	2.6	---	---	---	9.5	8.9	9.3
7	---	---	---	3.5	2.3	2.8	---	---	---	9.4	8.4	9.1
8	---	---	---	6.2	1.6	4.3	---	---	---	9.3	8.2	8.6
9	---	---	---	7.6	5.9	7.3	---	---	---	8.7	8.1	8.3
10	---	---	---	7.5	7.3	7.4	---	---	---	9.2	8.7	9.0
11	7.8	6.0	6.6	7.7	7.3	7.5	---	---	---	9.4	9.1	9.3
12	7.6	5.6	6.4	7.8	7.4	7.5	---	---	---	9.3	9.1	9.2
13	7.3	5.5	6.2	7.8	7.5	7.6	---	---	---	9.2	8.9	9.1
14	7.3	5.7	6.5	8.2	7.7	7.9	---	---	---	9.2	8.8	9.0
15	8.2	6.1	7.2	8.5	8.0	8.3	---	---	---	9.1	8.9	9.0
16	9.7	6.7	8.0	8.6	8.3	8.4	---	---	---	9.6	8.9	9.3
17	10.3	7.8	9.2	8.8	8.4	8.7	---	---	---	9.8	9.6	9.7
18	11.4	8.5	10.0	9.5	8.7	9.1	---	---	---	10.0	9.8	9.9
19	8.6	5.5	6.9	9.9	9.1	9.5	---	---	---	10.0	9.7	9.9
20	6.6	.0	3.7	9.5	9.2	9.4	---	---	---	10.1	9.8	10.0
21	4.5	.0	1.3	9.8	9.3	9.5	---	---	---	10.1	9.8	10.0
22	5.9	.0	2.6	9.7	9.3	9.5	---	---	---	10.2	10.0	10.0
23	7.7	.0	5.9	9.3	9.0	9.2	---	---	---	10.3	9.9	10.1
24	2.6	.0	1.4	9.3	8.7	9.0	8.7	8.2	8.5	10.5	10.0	10.1
25	4.7	.0	1.3	9.1	8.6	8.8	8.7	8.3	8.5	10.4	10.0	10.3
26	4.7	.7	2.5	9.6	8.7	9.2	8.3	8.1	8.2	10.4	10.1	10.3
27	4.1	.0	1.8	9.2	8.5	8.9	8.4	8.1	8.3	10.2	10.0	10.1
28	4.1	.0	1.8	8.7	8.3	8.4	8.3	8.1	8.2	10.4	10.0	10.3
29	6.3	.2	2.2	8.5	8.0	8.2	8.4	8.2	8.3	10.3	10.1	10.2
30	9.3	.0	6.4	8.1	7.4	7.8	8.4	8.2	8.3	10.3	10.1	10.2
31	9.0	5.2	7.3	---	---	---	9.4	8.3	8.5	10.5	10.2	10.4
MONTH	11.4	.0	5.0	9.9	.6	7.2	9.5	7.6	8.5	10.5	8.1	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.7	10.4	10.5	11.1	10.3	10.8	9.3	8.9	9.1	---	---	---
2	10.6	10.3	10.4	11.0	10.7	10.9	9.8	8.8	9.1	9.6	8.0	8.8
3	10.7	9.6	10.2	11.0	10.6	10.8	10.6	9.3	9.9	9.5	9.1	9.3
4	10.1	9.5	9.8	11.1	10.5	10.8	10.3	9.6	10.0	9.2	7.9	8.8
5	11.2	9.6	10.4	11.4	10.7	11.0	10.5	9.8	10.1	10.1	7.8	8.9
6	10.5	9.6	9.9	10.9	10.5	10.8	10.3	9.7	9.9	9.8	9.2	9.5
7	10.6	9.6	10.0	11.0	10.3	10.6	10.5	9.5	10.0	9.5	8.2	8.9
8	10.4	9.5	9.8	11.1	10.5	10.8	10.5	9.5	9.9	9.7	8.6	9.3
9	9.7	9.4	9.6	11.0	10.6	10.8	10.5	9.3	10.0	9.5	8.8	9.2
10	9.8	9.4	9.6	10.9	10.4	10.7	9.8	8.7	9.3	9.3	7.7	8.8
11	10.5	9.6	9.9	11.0	10.4	10.7	10.2	9.5	9.8	9.3	7.1	8.4
12	10.4	9.6	9.9	11.0	10.4	10.8	10.4	9.4	9.9	9.0	7.7	8.7
13	10.1	9.5	9.8	10.6	10.0	10.3	10.4	9.9	10.2	9.2	7.7	8.6
14	10.0	9.5	9.8	10.6	10.0	10.2	9.9	9.3	9.5	9.1	7.2	8.4
15	10.2	9.8	10.0	10.5	10.0	10.3	10.1	9.1	9.5	9.4	8.6	8.9
16	10.6	9.8	10.2	10.6	9.8	10.2	10.7	9.3	9.9	9.1	7.4	8.3
17	10.5	9.9	10.2	10.8	10.1	10.5	10.5	9.5	9.9	9.5	8.4	8.9
18	10.8	9.9	10.2	11.0	10.5	10.8	9.6	9.3	9.4	9.8	8.5	9.2
19	10.9	10.4	10.7	10.8	10.3	10.5	9.5	8.9	9.2	9.8	8.6	9.3
20	10.9	9.8	10.3	10.9	10.0	10.4	9.4	8.8	9.0	9.6	8.1	9.2
21	---	---	---	11.2	10.6	10.9	9.7	8.4	9.1	9.3	7.9	8.6
22	---	---	---	11.1	10.4	10.8	---	---	---	9.4	7.5	8.4
23	---	---	---	10.9	10.2	10.5	---	---	---	10.2	7.5	9.1
24	---	---	---	10.7	9.7	10.2	---	---	---	10.1	8.5	9.8
25	---	---	---	10.5	9.5	10.0	---	---	---	9.9	8.9	9.4
26	10.9	10.1	10.6	10.4	10.0	10.2	---	---	---	9.5	7.8	9.1
27	11.0	10.1	10.7	10.3	9.7	10.0	---	---	---	8.1	5.7	7.5
28	11.0	10.4	10.7	10.4	9.5	9.9	---	---	---	7.4	5.6	6.2
29	---	---	---	10.1	9.6	9.9	---	---	---	8.3	6.2	7.3
30	---	---	---	10.0	9.4	9.6	---	---	---	9.0	7.5	8.3
31	---	---	---	9.8	9.2	9.4	---	---	---	9.2	7.7	8.4
MONTH	11.2	9.4	10.1	11.4	9.2	10.5	10.7	8.4	9.7	10.2	5.6	8.7

SANTEE RIVER BASIN
02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	9.6	7.8	9.1	10.0	9.2	9.6	9.5	9.2	9.4
2	---	---	---	9.6	7.6	7.7	9.9	9.7	9.8	9.5	9.2	9.3
3	---	---	---	8.9	7.9	8.6	9.8	9.3	9.6	9.6	9.1	9.3
4	---	---	---	9.4	8.9	9.2	9.9	9.4	9.7	9.2	9.0	9.1
5	---	---	---	9.2	9.0	9.2	9.8	9.5	9.7	9.4	9.0	9.1
6	---	---	---	9.0	8.7	8.9	9.8	9.4	9.5	9.1	9.0	9.1
7	---	---	---	8.7	8.3	8.6	9.4	8.7	9.2	9.1	8.9	9.0
8	---	---	---	8.3	7.4	7.9	9.1	8.7	8.9	9.1	8.9	9.0
9	---	---	---	8.2	7.3	7.7	9.3	8.9	9.1	9.4	8.8	9.0
10	---	---	---	8.8	8.2	8.5	10.0	9.3	9.6	9.6	9.3	9.5
11	6.8	5.5	6.3	9.5	8.8	9.2	10.0	9.3	9.7	9.7	9.5	9.6
12	6.7	6.2	6.5	10.0	9.5	9.9	9.5	8.8	9.1	9.6	9.5	9.6
13	6.7	6.3	6.5	10.3	10.0	10.2	9.6	9.3	9.5	9.6	9.4	9.5
14	6.6	5.8	6.4	10.2	9.7	9.9	9.9	9.3	9.6	9.5	9.4	9.5
15	5.8	4.2	5.3	9.8	9.6	9.7	10.4	9.9	10.1	9.5	9.3	9.4
16	7.5	3.9	5.3	10.3	9.8	10.1	10.4	9.9	10.0	9.6	9.3	9.5
17	7.5	4.2	6.1	10.2	9.8	10.1	9.9	9.7	9.8	9.7	9.5	9.6
18	8.0	5.4	6.5	9.8	9.3	9.6	9.9	9.7	9.8	9.8	9.6	9.7
19	8.0	3.7	5.9	9.3	8.9	9.1	10.0	9.7	9.8	9.8	9.6	9.7
20	8.6	5.3	7.3	8.9	8.8	8.8	10.4	9.6	10.0	9.8	9.6	9.7
21	7.8	5.7	7.0	8.8	8.7	8.7	9.8	9.6	9.7	9.8	9.7	9.7
22	8.9	6.2	8.0	9.1	8.8	8.9	9.9	9.7	9.8	9.8	9.6	9.7
23	8.8	4.9	7.2	9.2	8.8	9.0	9.7	9.3	9.6	9.8	9.6	9.8
24	9.1	5.9	8.5	9.3	8.9	9.1	9.5	9.2	9.4	9.7	9.5	9.5
25	9.1	6.3	8.5	9.3	8.9	9.2	9.5	9.3	9.4	9.8	9.4	9.6
26	9.8	6.6	9.3	9.4	9.0	9.2	9.4	9.3	9.3	9.8	9.4	9.6
27	9.8	5.3	8.1	9.4	9.0	9.3	9.4	9.2	9.3	9.5	9.4	9.5
28	9.5	8.9	9.2	9.4	9.1	9.3	9.3	9.2	9.3	9.8	9.4	9.6
29	9.5	8.4	9.1	9.8	9.1	9.6	9.4	9.2	9.3	9.6	9.3	9.5
30	9.5	8.2	9.1	9.7	9.5	9.7	9.5	9.2	9.4	9.7	9.4	9.5
31	9.5	7.6	8.8	---	---	---	9.5	9.2	9.3	9.7	9.5	9.6
MONTH	9.8	3.7	7.4	10.3	7.3	9.1	10.4	8.7	9.5	9.8	8.8	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	9.6	9.8	10.2	10.0	10.1	9.3	8.6	9.1	---	---	---
2	10.0	9.6	9.9	10.1	9.8	10.0	8.6	8.3	8.5	7.2	6.6	6.9
3	10.3	9.8	10.1	10.6	9.9	10.1	8.4	8.1	8.3	7.0	6.6	6.8
4	10.0	9.7	9.9	10.3	9.9	10.1	8.3	8.1	8.2	7.6	6.9	7.3
5	9.9	9.6	9.8	10.0	9.7	9.9	8.3	8.1	8.2	7.4	6.9	7.0
6	9.9	9.7	9.9	10.1	9.8	9.9	8.2	8.1	8.1	7.2	6.9	7.0
7	9.9	9.8	9.8	10.0	9.7	9.8	8.3	8.1	8.2	7.3	6.9	7.1
8	9.9	9.6	9.7	9.9	9.7	9.8	8.2	8.0	8.1	7.1	6.8	7.0
9	9.8	9.6	9.7	9.9	9.6	9.8	8.1	7.9	8.0	7.7	6.8	7.2
10	9.9	9.7	9.8	9.9	9.6	9.7	8.1	7.9	8.0	7.7	7.0	7.4
11	10.3	9.8	10.0	9.8	9.6	9.7	8.0	7.8	7.9	7.4	6.9	7.1
12	10.2	9.7	10.0	9.7	9.5	9.6	7.9	7.7	7.8	7.3	6.9	7.1
13	10.2	9.6	9.9	9.7	9.5	9.6	8.1	7.8	7.9	7.6	7.0	7.3
14	10.1	9.5	9.9	9.7	9.5	9.6	8.0	7.6	7.8	7.4	6.9	7.1
15	10.1	10.0	10.0	9.6	9.2	9.5	7.8	7.6	7.7	7.2	6.8	7.0
16	10.2	10.0	10.1	9.6	9.3	9.5	7.8	7.6	7.7	7.3	6.7	7.0
17	10.3	9.9	10.1	9.5	9.3	9.4	7.9	7.6	7.7	6.8	6.5	6.6
18	10.1	9.9	10.0	9.4	9.2	9.3	9.1	7.6	8.1	6.6	6.2	6.3
19	10.3	10.0	10.1	9.4	9.2	9.3	8.7	7.7	8.3	6.4	6.1	6.2
20	10.2	10.0	10.1	9.3	9.1	9.2	8.4	7.4	7.6	6.7	6.1	6.3
21	---	---	---	9.3	9.1	9.2	7.6	7.3	7.4	6.3	5.8	6.1
22	---	---	---	9.2	9.0	9.2	---	---	---	6.2	5.7	5.9
23	---	---	---	9.2	8.9	9.1	---	---	---	6.2	5.7	6.0
24	---	---	---	9.2	9.0	9.1	---	---	---	6.0	5.6	5.8
25	---	---	---	9.1	8.9	9.0	---	---	---	6.0	5.6	5.9
26	10.3	10.0	10.2	9.1	8.7	9.0	---	---	---	6.0	5.6	5.8
27	10.7	9.9	10.3	9.0	8.6	8.8	---	---	---	5.8	5.4	5.7
28	10.1	9.9	10.0	8.8	8.4	8.6	---	---	---	5.8	5.4	5.6
29	---	---	---	8.7	8.4	8.6	---	---	---	5.9	5.5	5.6
30	---	---	---	8.7	8.4	8.5	---	---	---	5.7	5.4	5.5
31	---	---	---	9.4	8.4	8.9	---	---	---	5.6	5.4	5.5
MONTH	10.7	9.5	10.0	10.6	8.4	9.4	9.3	7.3	8.0	7.7	5.4	6.5

SANTEE RIVER BASIN
02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

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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, 84.40 ft, May 8; minimum gage height, 71.23 ft, Sept. 15.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	83.96	74.27	81.32	71.92	71.90	71.91	72.46	72.38	72.42	72.58	72.50	72.52
2	81.31	75.36	77.22	71.93	71.90	71.92	72.52	72.36	72.45	72.51	72.50	72.51
3	82.48	74.85	79.33	71.93	71.92	71.93	72.52	72.51	72.52	72.51	72.50	72.50
4	78.43	73.24	75.42	71.95	71.93	71.94	72.81	72.51	72.54	72.51	72.49	72.50
5	76.68	72.86	74.36	71.95	71.94	71.94	72.57	72.53	72.55	72.51	72.49	72.49
6	72.86	71.64	72.10	76.88	71.94	73.13	72.56	72.55	72.56	72.49	72.48	72.49
7	71.69	71.64	71.65	74.99	71.95	72.98	72.56	72.54	72.55	72.49	72.48	72.49
8	83.42	71.69	76.54	76.68	72.98	74.45	72.55	72.51	72.54	72.50	72.49	72.49
9	78.66	74.43	76.56	76.98	73.64	75.12	72.79	72.31	72.48	72.56	72.47	72.52
10	77.36	73.39	75.61	77.20	73.42	75.35	72.47	72.46	72.47	72.55	72.41	72.52
11	76.94	73.25	75.34	77.05	73.16	74.80	72.48	72.47	72.47	72.54	72.48	72.52
12	76.96	73.31	74.80	77.02	73.62	74.97	72.51	72.45	72.47	72.56	72.52	72.54
13	76.50	72.17	73.52	77.15	73.07	74.10	72.47	72.45	72.46	72.55	72.53	72.54
14	72.45	72.15	72.35	73.07	72.58	72.62	72.47	72.45	72.46	72.54	72.52	72.53
15	72.46	72.36	72.42	75.91	72.32	73.14	72.46	72.46	72.46	72.61	71.99	72.21
16	74.69	72.14	72.68	72.33	72.30	72.31	72.46	72.24	72.33	72.12	71.94	71.99
17	74.45	72.14	72.83	72.31	72.30	72.30	72.25	72.24	72.24	71.97	71.93	71.96
18	72.82	72.31	72.61	72.53	72.30	72.34	72.32	72.24	72.25	71.95	71.93	71.94
19	72.43	71.79	72.03	72.51	72.32	72.34	75.66	72.22	72.72	71.97	71.95	71.96
20	71.81	71.80	71.81	72.34	72.32	72.33	72.70	72.57	72.58	74.74	71.90	72.40
21	71.82	71.81	71.81	76.67	72.30	72.58	72.59	72.57	72.58	75.37	72.82	74.18
22	77.24	71.80	72.80	72.35	72.33	72.34	72.59	72.58	72.58	75.30	73.23	74.26
23	75.32	71.62	73.06	72.47	72.34	72.44	72.59	72.58	72.58	75.31	73.26	74.38
24	74.58	71.86	72.61	72.48	72.41	72.46	72.59	72.55	72.58	75.08	72.85	73.82
25	74.97	71.86	72.29	72.62	72.38	72.41	72.59	72.57	72.58	73.62	72.79	72.84
26	75.06	71.87	72.17	72.39	72.36	72.37	72.58	72.57	72.58	77.27	72.68	74.55
27	74.98	71.91	73.51	72.37	72.35	72.36	72.58	72.57	72.58	77.14	73.10	74.76
28	75.16	71.92	73.16	72.48	72.36	72.44	72.59	72.58	72.58	76.63	73.05	73.95
29	75.03	72.22	73.25	72.47	72.46	72.47	72.59	72.58	72.58	76.80	72.90	74.35
30	75.02	72.37	73.42	72.47	72.44	72.46	72.58	72.58	72.58	76.75	72.78	74.75
31	74.14	71.90	72.43	---	---	---	72.58	72.57	72.58	76.68	72.98	74.94
MONTH	83.96	71.62	73.90	77.20	71.90	72.88	75.66	72.22	72.51	77.27	71.90	73.05

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	77.15	73.55	75.47	78.76	74.72	76.47	77.00	73.65	75.61	75.03	71.56	73.37
2	76.84	73.32	75.29	82.33	73.92	77.22	81.78	73.59	77.15	74.72	72.45	73.89
3	76.93	73.08	74.42	84.03	75.56	80.64	76.69	73.18	75.03	76.76	72.22	74.48
4	76.89	73.41	74.95	83.97	75.47	80.16	76.61	73.29	75.15	76.61	73.95	75.14
5	76.83	73.49	74.74	84.00	74.79	78.07	76.94	73.78	75.36	76.80	73.58	75.26
6	76.60	73.46	75.05	82.10	74.34	76.69	79.20	73.58	75.29	76.65	73.25	74.89
7	76.86	73.49	74.95	80.40	74.19	75.95	78.44	74.09	75.87	80.73	73.72	75.85
8	76.79	73.86	75.46	77.82	73.71	75.50	78.05	73.36	74.95	84.40	73.94	79.00
9	76.94	73.81	75.52	77.93	74.09	75.65	76.39	72.96	74.15	84.02	74.13	77.66
10	76.61	73.16	74.78	76.81	73.88	75.63	76.75	71.61	73.74	76.46	72.99	74.61
11	76.99	73.50	75.14	76.74	73.68	75.30	76.92	72.65	74.55	76.81	73.16	74.46
12	77.37	73.27	75.11	76.60	74.09	75.42	76.86	72.76	75.24	76.95	72.57	74.43
13	77.20	73.57	75.25	77.03	73.95	75.43	76.93	73.32	74.99	75.82	72.00	73.72
14	81.68	73.36	76.65	77.03	73.38	75.23	77.04	72.81	74.62	76.77	72.56	74.45
15	84.22	74.74	79.05	76.89	73.81	75.24	76.85	72.52	74.42	76.74	72.41	74.10
16	83.74	76.71	80.62	76.99	73.20	75.52	77.17	72.44	74.58	76.36	73.37	74.86
17	81.58	73.68	77.70	81.40	74.91	77.40	76.73	71.42	73.73	76.72	72.96	74.84
18	80.63	74.04	76.43	81.23	74.50	77.15	74.80	71.42	72.18	75.74	72.51	73.38
19	77.76	73.89	75.90	80.97	73.71	76.63	71.77	71.74	71.76	76.54	72.51	73.60
20	77.21	73.09	75.19	77.28	73.71	75.50	71.78	71.76	71.77	78.39	72.86	74.22
21	76.90	73.31	74.97	77.41	73.97	75.65	71.82	71.73	71.79	76.20	72.14	73.66
22	76.91	72.96	74.86	76.98	73.35	75.64	78.56	71.71	72.45	76.40	72.80	73.51
23	77.18	73.63	75.47	76.82	72.93	75.24	75.99	71.73	72.68	76.15	73.18	74.40
24	83.04	74.40	77.22	77.07	73.80	75.39	72.51	71.36	71.80	75.63	72.32	73.22
25	81.79	74.23	77.36	76.45	73.33	75.15	71.70	71.34	71.37	75.22	72.49	73.28
26	83.06	75.72	79.12	76.71	73.71	75.15	71.86	71.70	71.83	76.77	72.46	73.56
27	84.30	75.04	79.74	76.79	73.32	75.15	73.65	71.85	72.16	74.47	71.29	72.18
28	81.52	74.57	78.17	76.61	73.57	75.05	74.42	71.89	72.49	75.03	72.27	72.91
29	---	---	---	76.62	73.63	75.14	75.10	71.92	73.71	75.08	72.28	73.93
30	---	---	---	76.48	72.66	74.46	75.35	72.18	73.89	---	---	---
31	---	---	---	76.18	72.97	74.61	---	---	---	---	---	---

SANTEE RIVER BASIN
02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

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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 29 ft³/s above station for municipal supply.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12600	338	538	559	2990	4290	3110	1130	906	2830	1500	1630
2	5270	340	555	552	2780	5420	5790	1450	1450	2690	4920	4870
3	8720	342	582	550	1940	11000	2830	2070	1880	3050	2340	2080
4	2900	346	591	549	2460	10200	2650	2610	2400	3600	6570	1640
5	1920	348	597	546	2220	6690	2840	2730	2250	2470	2890	1230
6	430	1080	598	544	2530	4800	2840	2370	2000	1910	2470	1700
7	265	900	596	546	2460	3760	3540	3530	2210	1900	2570	1700
8	4850	1940	591	547	2960	3190	2500	8700	2050	1230	2370	1710
9	4410	2620	550	557	3020	3230	1720	6250	1990	960	2660	1510
10	3160	2840	537	578	2320	3130	1540	2120	1820	3820	2680	1240
11	2830	2350	537	585	2630	2800	2080	2020	2590	3150	4410	2290
12	2280	2490	537	592	2730	2900	2800	1990	2320	5130	1980	1800
13	1240	1760	534	592	2810	2910	2500	1400	2390	1440	7130	1400
14	497	620	534	589	4700	2750	2180	2020	2030	2900	4960	1580
15	524	1010	534	452	8550	2720	2000	1770	2220	2730	3990	1160
16	722	496	488	367	10900	3050	2190	2360	2790	1130	2740	1210
17	757	494	454	353	6310	5610	1500	2390	6200	1160	2840	1150
18	624	509	457	349	4620	5230	553	1170	2720	955	2700	909
19	392	507	774	352	3640	4730	306	1350	2400	1470	3020	709
20	311	503	581	598	2790	3100	308	1880	6000	1250	2990	1690
21	312	688	582	1660	2510	3190	312	1350	2860	1410	2590	898
22	896	502	583	1680	2420	3160	799	1200	2580	1240	1120	1160
23	1000	547	583	1790	3000	2760	799	1900	2990	2140	1470	1910
24	701	553	581	1340	5490	2930	337	1050	3070	5290	1460	1690
25	527	533	581	704	5690	2630	196	1030	5120	2640	1620	1800
26	505	517	581	2210	8360	2630	329	1280	2040	5080	1280	3510
27	1210	513	580	2320	9550	2670	463	528	2080	4490	1030	1670
28	1040	549	582	1530	6660	2540	629	873	2410	3210	1450	1730
29	1060	561	581	1910	---	2620	1320	1510	2840	3550	1100	3810
30	1150	557	581	2280	---	2000	1480	983	2100	2240	1020	1480
31	564	---	580	2470	---	2140	---	1110	---	1850	1380	---
TOTAL	63667	27353	17560	30251	119040	120780	52441	64124	78706	78915	83250	52866
MEAN	2054	912	566	976	4251	3896	1748	2069	2624	2546	2685	1762
MAX	12600	2840	774	2470	10900	11000	5790	8700	6200	5290	7130	4870
MIN	265	338	454	349	1940	2000	196	528	906	955	1020	709
CFSM	.85	.38	.23	.40	1.76	1.61	.72	.85	1.08	1.05	1.11	.73
IN.	.98	.42	.27	.47	1.83	1.86	.81	.99	1.21	1.21	1.28	.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	2789	2341	2610	3076	4050	4458	2363	1738	2174
MAX	5467	4579	5773	8890	8211	7437	3937	3700	3190
(WY)	1991	1993	1993	1993	1995	1993	1993	1991	1994
MIN	1378	912	370	396	718	1639	497	637	1186
(WY)	1994	1997	1991	1989	1989	1994	1995	1990	1990

SANTEE RIVER BASIN
02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1989 - 1997	
ANNUAL TOTAL	1068316		788953			
ANNUAL MEAN	2919		2162		2890	
HIGHEST ANNUAL MEAN					4097	1993
LOWEST ANNUAL MEAN					1895	1992
HIGHEST DAILY MEAN	17400	Mar 9	12600	Oct 1	21800	Jan 16 1995
LOWEST DAILY MEAN	265	Oct 7	196	Apr 25	155	* Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	480	Oct 31	436	Jan 13	168	Jan 12 1989
INSTANTANEOUS PEAK FLOW			18200	May 8	22400	Jan 16 1995
INSTANTANEOUS PEAK STAGE			14.33	May 8	** 16.01	Feb 21 1990
ANNUAL RUNOFF (CFSM)	1.21		.89		1.19	
ANNUAL RUNOFF (INCHES)	16.42		12.13		16.23	
10 PERCENT EXCEEDS	6940		4540		7170	
50 PERCENT EXCEEDS	2240		1820		1910	
90 PERCENT EXCEEDS	537		526		460	

* Also occurred on Sept. 25, 29, 1989.

** Caused by backwater from spillway floodgates.

SANTEE RIVER BASIN
02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

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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 to September 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, 22.5 °C, Aug. 22; minimum, 8.0 °C, Feb. 5, 9.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Feb. 24; minimum, 0.1 mg/L, Sept. 25, 26.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19.0	17.0	18.0	21.5	20.0	20.5	15.0	14.5	14.5	12.0	11.5	11.5
2	20.0	17.0	18.0	20.5	20.0	20.5	15.5	14.0	14.5	12.0	11.5	11.5
3	20.0	17.0	18.0	21.5	19.5	20.0	15.5	14.0	14.5	12.0	10.5	11.5
4	18.5	17.0	17.5	20.5	19.5	20.0	15.5	14.0	14.5	11.0	10.5	10.5
5	18.0	17.0	17.5	21.0	19.5	20.0	14.5	14.5	14.5	11.0	10.5	11.0
6	21.0	18.0	19.5	20.5	19.0	19.5	15.5	14.0	14.5	11.5	10.5	11.0
7	20.0	20.0	20.0	21.0	19.0	19.5	15.0	14.0	14.5	11.5	10.5	11.0
8	20.0	17.5	18.0	19.5	18.5	19.0	15.0	14.0	14.5	11.0	10.5	10.5
9	18.0	17.5	18.0	19.0	18.5	18.5	15.0	14.0	14.5	10.5	10.0	10.5
10	18.0	17.5	18.0	18.5	18.0	18.0	15.0	14.0	14.5	12.0	10.0	11.0
11	18.5	17.5	18.0	18.5	17.5	18.0	15.0	14.0	14.5	12.5	10.5	11.5
12	18.5	17.5	18.0	18.0	17.0	17.5	14.5	14.0	14.0	12.0	10.5	11.0
13	18.5	17.5	18.0	18.0	17.0	17.5	15.0	13.5	14.0	11.0	10.0	10.5
14	20.0	18.5	19.0	18.5	17.5	18.0	15.0	13.5	14.0	11.5	10.0	10.5
15	20.5	18.5	19.5	17.5	16.5	17.0	14.5	13.0	13.5	12.0	10.0	11.0
16	20.5	18.5	19.5	18.0	17.0	17.5	15.0	13.0	14.0	12.5	11.0	11.5
17	20.0	19.0	19.5	17.5	17.0	17.0	15.0	13.5	14.0	12.5	10.5	11.5
18	20.0	19.0	19.5	17.0	16.5	17.0	14.0	13.0	13.5	12.0	10.5	11.0
19	21.5	19.0	20.0	17.0	16.0	16.5	14.0	12.0	13.0	11.5	10.5	11.0
20	21.5	19.5	20.0	16.5	16.0	16.0	13.5	12.5	13.0	12.0	9.5	10.5
21	22.0	19.5	20.5	16.5	16.0	16.0	13.5	12.5	13.0	10.5	9.0	9.5
22	20.5	18.5	19.5	17.0	15.5	16.0	13.0	11.5	12.5	9.5	9.0	9.5
23	20.5	18.5	19.0	16.5	15.0	15.5	12.5	11.5	12.0	9.5	9.0	9.0
24	21.5	18.5	19.5	16.0	14.5	15.5	12.5	11.5	12.0	9.5	9.0	9.0
25	21.5	18.5	20.0	16.0	14.5	15.0	12.0	11.0	11.5	10.5	9.5	9.5
26	20.5	18.5	19.5	16.0	14.5	15.0	11.5	11.0	11.5	9.5	8.5	9.0
27	20.0	18.5	19.0	15.5	14.5	15.0	12.0	11.0	11.5	9.5	8.5	9.0
28	21.0	18.5	19.5	15.0	14.0	14.5	12.0	11.5	12.0	9.5	8.5	9.0
29	20.5	19.0	19.5	14.5	14.0	14.5	12.0	11.5	12.0	9.5	8.5	9.0
30	20.0	19.0	19.5	14.5	14.0	14.5	12.5	11.5	12.0	9.5	8.5	8.5
31	20.5	19.0	20.0	---	---	---	12.5	11.5	12.0	9.5	8.5	8.5
MONTH	22.0	17.0	19.0	21.5	14.0	17.3	15.5	11.0	13.4	12.5	8.5	10.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.0	8.5	8.5	9.5	9.0	9.0	11.0	10.0	10.5	13.5	12.0	12.5
2	9.0	8.5	8.5	9.0	9.0	9.0	11.0	10.0	10.5	13.0	12.0	12.5
3	9.0	8.5	8.5	11.0	9.0	9.5	11.0	10.5	10.5	12.5	12.0	12.0
4	8.5	8.5	8.5	9.5	9.0	9.5	11.0	10.5	10.5	12.5	12.0	12.0
5	9.0	8.0	8.5	10.0	9.0	9.5	11.0	10.5	10.5	12.5	12.0	12.0
6	8.5	8.5	8.5	10.5	9.0	9.5	12.0	10.5	11.0	13.0	12.0	12.5
7	9.0	8.5	8.5	10.0	9.0	9.5	12.5	11.0	11.0	14.0	12.0	12.5
8	8.5	8.5	8.5	9.5	9.0	9.5	11.5	11.0	11.0	13.0	12.0	12.5
9	8.5	8.0	8.5	9.5	9.0	9.5	11.5	11.0	11.0	14.0	12.5	13.0
10	8.5	8.5	8.5	9.5	9.5	9.5	12.0	11.0	11.5	13.0	12.5	12.5
11	9.0	8.5	8.5	10.0	9.5	9.5	11.5	11.0	11.0	13.0	12.5	12.5
12	9.0	8.5	8.5	10.0	9.5	9.5	11.5	11.0	11.0	13.5	12.5	13.0
13	8.5	8.5	8.5	9.5	9.5	9.5	11.5	11.0	11.5	15.0	12.5	13.0
14	9.0	8.5	8.5	10.0	9.5	9.5	11.5	11.0	11.5	14.0	12.5	13.0
15	9.0	8.5	9.0	10.0	9.5	10.0	12.0	11.0	11.5	14.5	12.5	13.0
16	9.0	8.5	9.0	10.0	9.5	10.0	12.5	11.0	11.5	13.5	12.5	13.0
17	9.5	9.0	9.0	10.0	9.5	10.0	12.0	11.5	11.5	13.5	12.5	13.0
18	10.0	8.5	9.0	10.0	10.0	10.0	14.5	11.5	12.5	15.0	13.0	13.5
19	9.5	9.0	9.0	10.5	9.5	10.0	14.0	12.0	13.0	14.0	13.0	13.5
20	9.5	9.0	9.0	10.0	10.0	10.0	14.5	12.5	13.5	15.0	13.5	14.0
21	9.5	8.5	9.0	10.0	10.0	10.0	14.5	12.0	13.0	15.0	13.0	14.0
22	9.5	9.0	9.0	10.5	10.0	10.0	15.5	12.0	14.0	14.0	13.0	13.5
23	9.5	9.0	9.0	10.5	10.0	10.0	14.5	11.5	12.5	13.5	13.0	13.5
24	9.5	9.0	9.0	10.5	10.0	10.0	16.5	12.0	13.5	15.5	13.0	14.0
25	9.5	9.0	9.0	10.5	10.0	10.0	16.5	13.5	14.5	14.5	13.5	13.5
26	9.5	9.0	9.0	10.5	10.0	10.5	14.0	12.5	13.0	15.0	13.5	14.0
27	9.5	9.0	9.0	10.5	10.0	10.5	13.0	12.0	12.5	18.0	13.5	15.5
28	9.5	9.0	9.0	10.5	10.0	10.5	13.0	12.0	12.5	14.5	13.5	14.0
29	---	---	---	11.0	10.0	10.5	12.5	12.0	12.0	14.0	13.5	14.0
30	---	---	---	11.5	10.0	10.5	12.5	12.0	12.0	14.5	14.0	14.0
31	---	---	---	11.0	10.0	10.5	---	---	---	16.0	14.0	14.5
MONTH	10.0	8.0	8.8	11.5	9.0	9.8	16.5	10.0	11.9	18.0	12.0	13.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	16.5	13.5	14.5	15.5	15.0	15.5	18.0	16.5	17.0	19.0	18.0	18.5
2	15.0	14.0	14.0	16.5	15.5	15.5	17.0	16.5	17.0			

SANTEE RIVER BASIN
02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.8	.6	1.6	5.0	3.0	3.7	7.2	6.6	6.9	8.3	8.0	8.2
2	5.6	.7	1.9	5.0	3.0	3.8	7.6	6.8	7.1	9.0	7.9	8.3
3	3.8	.6	1.5	6.1	3.3	4.2	7.6	6.7	7.0	9.1	7.9	8.3
4	1.8	.4	.6	5.8	3.4	4.2	7.6	6.7	7.0	8.9	7.7	8.2
5	.9	.4	.6	6.0	3.4	4.2	7.0	6.6	6.7	8.6	7.8	8.1
6	2.6	.5	1.5	4.0	2.0	3.0	8.4	6.7	7.5	8.9	7.8	8.2
7	2.9	1.1	1.9	4.3	2.4	3.1	7.6	6.9	7.3	8.7	7.8	8.1
8	3.6	.6	1.1	5.8	2.9	3.9	8.8	7.4	8.0	8.7	7.9	8.1
9	1.2	.4	.7	6.5	5.8	6.2	8.9	7.9	8.3	8.2	7.8	8.0
10	.8	.6	.6	6.4	6.1	6.3	8.8	7.9	8.2	9.7	8.1	8.7
11	.8	.5	.6	6.5	6.1	6.4	8.7	7.8	8.1	10.1	8.3	9.3
12	.7	.5	.6	7.0	6.3	6.7	8.7	7.8	8.1	9.5	8.4	8.8
13	2.3	.5	.8	7.7	6.9	7.4	8.9	7.8	8.2	9.5	8.4	8.7
14	2.9	.6	1.5	8.3	7.4	7.9	8.9	7.9	8.2	9.5	8.3	8.7
15	2.3	.6	1.0	9.2	7.8	8.5	9.0	7.9	8.3	9.6	7.8	8.6
16	3.2	.9	2.3	9.2	8.5	8.8	9.1	7.8	8.3	9.7	7.7	8.6
17	3.6	.3	2.3	9.0	8.5	8.7	8.8	7.6	7.9	10.3	8.6	9.2
18	2.6	.7	1.9	9.1	7.9	8.6	8.5	7.5	7.9	10.7	8.9	9.5
19	3.3	1.9	2.5	9.1	7.8	8.2	9.1	7.5	8.4	10.3	8.7	9.3
20	3.4	1.8	2.8	---	---	---	9.5	8.4	8.8	10.6	8.8	9.6
21	3.3	1.8	2.7	---	---	---	9.5	8.4	8.7	10.6	9.9	10.1
22	2.8	.3	1.7	---	---	---	9.4	8.4	8.8	10.4	10.1	10.2
23	3.3	.5	1.6	---	---	---	9.4	8.5	8.8	10.5	10.0	10.2
24	3.3	.8	2.0	---	---	---	9.5	8.5	8.8	10.5	9.9	10.2
25	3.3	.7	2.0	---	---	---	9.6	8.6	8.9	10.8	9.7	10.1
26	3.0	.7	2.2	---	---	---	9.0	8.6	8.7	11.3	9.7	10.4
27	2.8	.7	1.2	8.3	7.3	7.6	9.1	8.4	8.8	11.7	10.1	10.8
28	2.8	.9	1.7	8.1	7.1	7.5	9.3	8.6	8.8	10.5	9.7	10.1
29	3.0	1.2	1.9	7.5	6.9	7.2	9.3	8.5	8.8	10.4	9.7	10.2
30	2.8	1.6	2.2	7.4	6.8	7.0	9.3	8.3	8.7	10.2	9.8	10.1
31	3.8	2.4	2.9	---	---	---	9.2	8.3	8.6	10.2	9.8	10.1
MONTH	5.6	.3	1.6	9.2	2.0	6.2	9.6	6.6	8.1	11.7	7.7	9.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	9.8	10.1	12.5	10.0	10.7	9.7	9.0	9.3	9.4	7.4	8.1
2	10.1	9.9	10.0	12.1	9.6	10.4	9.5	9.0	9.2	8.7	7.5	8.1
3	10.1	9.5	9.8	12.1	10.5	10.7	9.6	8.8	9.1	8.8	7.1	7.7
4	9.9	9.5	9.7	12.0	10.4	10.8	9.3	8.7	8.9	8.1	6.1	7.3
5	10.0	9.4	9.7	12.5	10.4	11.1	9.5	8.6	9.0	8.1	6.8	7.5
6	9.8	9.4	9.7	12.4	10.3	11.2	10.4	8.6	8.9	8.3	6.3	7.3
7	9.9	9.2	9.6	12.2	10.2	10.9	10.5	8.6	9.1	7.9	6.6	7.2
8	9.7	9.4	9.5	11.0	10.0	10.3	10.0	8.2	8.8	8.7	7.0	7.5
9	9.8	9.4	9.6	10.6	9.6	10.1	9.3	8.3	8.7	8.9	7.4	8.1
10	9.7	9.1	9.4	10.4	9.6	9.9	10.2	8.5	9.1	---	---	---
11	9.6	9.2	9.4	10.2	9.4	9.9	9.5	8.2	8.7	---	---	---
12	9.7	9.2	9.4	10.2	9.6	9.8	8.9	8.3	8.5	---	---	---
13	9.5	9.2	9.4	10.0	9.4	9.7	9.5	7.7	8.6	---	---	---
14	10.9	9.2	9.9	10.2	9.4	9.7	9.2	8.2	8.6	8.8	6.4	7.2
15	11.4	9.5	10.2	10.1	9.2	9.7	9.5	8.2	8.7	9.7	6.1	7.5
16	10.9	9.9	10.4	10.0	9.2	9.7	9.9	8.2	8.6	7.8	6.3	6.9
17	11.3	10.1	10.5	11.0	9.5	10.0	9.6	8.1	8.6	7.6	6.4	6.9
18	11.6	10.1	10.6	11.3	9.8	10.1	11.9	8.1	9.0	9.8	6.6	7.9
19	11.0	9.6	10.3	11.4	9.5	10.2	11.4	8.5	9.4	8.2	6.3	7.3
20	10.6	10.0	10.3	9.9	9.3	9.6	12.3	8.3	10.0	10.5	6.4	7.9
21	10.6	9.8	10.2	10.5	9.4	9.6	11.9	8.3	9.8	10.6	6.4	8.4
22	10.8	9.8	10.4	9.7	9.0	9.5	12.5	8.2	10.1	8.8	6.1	7.5
23	11.1	10.0	10.6	9.7	8.9	9.3	10.7	7.0	8.5	7.4	6.1	6.8
24	12.7	10.5	11.4	9.6	9.0	9.3	11.4	8.3	9.6	10.3	5.8	7.8
25	12.5	10.7	11.2	9.5	9.0	9.3	11.7	7.5	9.4	8.8	5.9	7.2
26	11.7	10.4	10.9	9.6	9.0	9.2	10.2	7.8	8.9	9.2	5.8	7.0
27	12.1	10.6	11.1	9.6	9.0	9.3	9.2	6.5	8.3	12.3	6.1	8.8
28	12.1	10.5	10.9	9.9	9.0	9.3	9.0	7.4	8.3	9.9	5.8	7.7
29	---	---	---	9.6	9.0	9.4	9.6	5.9	8.1	7.0	5.9	6.4
30	---	---	---	9.9	9.0	9.3	8.9	7.7	8.1	8.6	5.8	7.0
31	---	---	---	9.9	9.0	9.4	---	---	---	8.5	6.0	6.9
MONTH	12.7	9.1	10.2	12.5	8.9	9.9	12.5	5.9	8.9	12.3	5.8	7.5

SANTEE RIVER BASIN
02169000 SALUDA RIVER NEAR COLUMBIA, SC

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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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11700	417	787	673	3200	5270	3360	1470	1110	2980	1590	1850
2	6120	427	719	657	2950	5540	5350	1580	1450	2720	4600	4170
3	8590	417	730	656	2240	10400	2860	2460	2050	3000	2430	2230
4	3250	419	696	656	2470	10000	2940	2920	2460	3740	6130	1650
5	2350	419	701	702	2380	7050	3080	3010	2410	2520	3050	1410
6	690	1020	700	684	2700	4750	3010	2680	2220	2110	2470	1490
7	425	954	717	683	2660	4100	3890	3460	2450	1950	2770	1760
8	4650	1830	713	704	3220	3580	2850	8350	2140	1250	2410	1690
9	5150	2690	671	1540	3420	3510	1920	6340	2140	1300	2540	1580
10	3490	2960	633	977	2520	3420	1820	2340	1870	3640	2670	1370
11	2960	2520	631	848	2860	2970	2150	2150	2670	3240	4170	1900
12	2750	2470	631	758	2890	3020	3140	2300	2620	4620	2380	2100
13	1490	1970	633	756	3450	3180	2930	1500	2510	1840	6370	1400
14	626	747	631	738	5420	3330	2420	2140	2250	2430	4760	1590
15	657	1090	631	639	8430	3050	2100	2000	2660	3250	3850	1410
16	865	575	598	834	10400	3380	2450	2420	3030	1250	2920	1160
17	829	569	541	596	7090	5550	1980	2660	5930	1280	2900	1120
18	789	591	562	522	4910	5640	669	1400	2810	1090	2520	1020
19	552	617	836	492	4030	4970	478	1430	2650	1540	3010	843
20	408	599	855	533	2950	3430	440	1930	5730	1240	3110	1440
21	403	830	708	1720	2910	3500	455	1540	3620	1510	2480	996
22	871	619	698	1880	2770	3420	866	1280	2840	1420	1400	1280
23	1020	629	695	1910	3340	3080	1180	1990	3130	2040	1400	1760
24	804	642	702	1560	5420	3110	685	1190	3260	5990	1500	1870
25	810	615	694	1070	5570	2840	370	1210	5100	2980	1620	2550
26	413	601	696	2080	8230	2950	447	1390	2200	4780	1290	3380
27	1250	593	687	2560	9290	2960	663	807	2400	4450	1120	1830
28	1250	618	693	1890	6710	2850	1330	985	2650	3380	1410	3000
29	1150	640	691	1980	---	2800	1820	1570	3250	3490	1300	3800
30	1210	636	689	2520	---	2370	1620	1090	2160	2500	1020	1690
31	705	---	689	2600	---	2310	---	1420	---	2290	1190	---
TOTAL	68227	29724	21258	36418	124430	128330	59273	69012	83770	81820	82380	55339
MEAN	2201	991	686	1175	4444	4140	1976	2226	2792	2639	2657	1845
MAX	11700	2960	855	2600	10400	10400	5350	8350	5930	5990	6370	4170
MIN	403	417	541	492	2240	2310	370	807	1110	1090	1020	843
CFSM	.87	.39	.27	.47	1.76	1.64	.78	.88	1.11	1.05	1.05	.73
IN.	1.01	.44	.31	.54	1.84	1.89	.87	1.02	1.24	1.21	1.22	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 1997, BY WATER YEAR (WY)

MEAN	2933	2565	2567	3035	3284	3340	3047	2259	2571	2702	3063	2974
MAX	20230	6552	7006	9255	8657	18450	20450	7823	8300	5276	14400	8937
(WY)	1930	1986	1977	1982	1960	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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1925 - 1997	
ANNUAL TOTAL	1150626		839981			
ANNUAL MEAN	3144		2301		2862	
HIGHEST ANNUAL MEAN					5431	1936
LOWEST ANNUAL MEAN					815	1988
HIGHEST DAILY MEAN	18200	Mar 9	11700	Oct 1	62300	Oct 2 1929
LOWEST DAILY MEAN	403	Oct 21	370	Apr 25	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	546	Oct 31	546	Oct 31	21	Aug 28 1930
INSTANTANEOUS PEAK FLOW			16500	May 8	* 67000	Oct 2 1929
INSTANTANEOUS PEAK STAGE			7.64	May 8	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			261	**Sep 16	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	1.25		.91		1.14	
ANNUAL RUNOFF (INCHES)	16.99		12.40		15.43	
10 PERCENT EXCEEDS	7310		4610		6300	
50 PERCENT EXCEEDS	2490		1970		2000	
90 PERCENT EXCEEDS	664		631		403	

* From rating curve extended above 36,000 ft³/s.

**Also occurred Sept. 20.

SANTEE RIVER BASIN
02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

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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, 22.5°C, Sept. 20; minimum, 7.5°C, Jan. 18, 19.

DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Apr. 10; minimum, 2.4 mg/L, Oct. 1.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.0	19.0	20.0	20.5	20.0	20.0	15.5	14.0	15.0	14.0	13.0	14.0
2	20.0	18.5	19.5	20.5	20.0	20.0	15.5	14.0	14.5	13.0	12.5	12.5
3	21.0	19.0	20.0	20.0	18.0	18.5	14.5	13.5	14.0	13.5	12.5	13.0
4	20.5	17.5	18.5	18.0	17.0	17.5	14.0	13.5	13.5	13.5	13.0	13.0
5	19.0	17.0	18.0	19.0	17.5	18.0	13.5	13.5	13.5	13.5	13.0	13.0
6	18.0	17.5	18.0	20.5	19.0	19.5	14.0	13.5	13.5	13.5	12.5	12.5
7	18.0	18.0	18.0	21.0	19.5	20.0	15.0	14.0	14.5	12.5	12.0	12.5
8	20.0	17.5	18.0	21.0	19.0	20.0	14.5	13.5	14.0	12.0	10.5	11.0
9	19.5	18.0	18.5	19.0	18.5	18.5	13.5	12.5	13.0	10.5	8.5	9.5
10	19.0	17.5	18.5	18.5	18.0	18.5	13.0	12.0	12.5	10.0	8.5	9.5
11	19.0	18.0	18.5	18.5	17.5	18.0	14.5	13.0	13.5	10.0	9.5	10.0
12	19.0	17.5	18.5	18.0	17.0	17.5	15.5	14.5	15.0	10.5	9.0	10.0
13	19.0	17.5	18.5	17.5	17.0	17.5	16.0	15.5	15.5	10.5	10.0	10.0
14	19.0	18.0	18.5	17.5	17.0	17.0	15.5	13.5	14.5	10.0	9.5	9.5
15	20.0	18.5	19.0	17.0	16.5	16.5	13.5	13.0	13.5	10.5	9.5	10.0
16	20.5	19.0	19.5	16.5	15.5	15.5	13.0	12.5	13.0	12.0	10.5	11.0
17	21.0	19.5	20.0	16.0	15.0	15.5	14.0	12.5	13.0	10.5	9.0	9.5
18	20.5	20.0	20.0	17.0	16.0	16.5	14.0	13.0	13.5	9.0	7.5	8.0
19	20.0	18.5	19.0	17.0	16.5	17.0	13.0	11.0	12.0	8.5	7.5	8.0
20	18.5	17.5	18.0	17.0	16.0	16.5	11.5	10.5	11.0	9.5	8.0	8.5
21	19.0	17.5	18.0	16.5	16.0	16.0	11.0	10.0	10.5	11.0	9.5	10.0
22	20.5	18.5	19.5	16.5	15.5	16.0	11.5	10.5	11.0	11.0	9.5	10.0
23	20.5	19.0	19.5	15.5	14.5	15.0	12.0	11.0	11.5	11.0	10.5	10.5
24	19.5	18.0	19.0	15.0	14.5	14.5	13.0	11.5	12.5	11.0	10.0	10.5
25	19.5	19.0	19.5	16.0	15.0	15.5	13.0	11.5	12.0	11.0	10.5	11.0
26	20.0	19.0	19.5	16.5	16.0	16.0	11.5	10.5	10.5	11.0	9.5	10.5
27	20.0	19.5	20.0	16.0	14.0	15.0	12.0	10.5	11.0	10.5	9.5	10.0
28	20.5	19.5	20.0	14.0	13.0	13.5	13.0	12.0	12.5	11.0	9.5	10.5
29	21.0	20.0	20.5	13.0	13.0	13.0	13.5	12.5	13.0	10.5	9.5	10.0
30	21.0	20.5	21.0	14.0	13.0	13.5	13.5	13.0	13.5	9.5	9.5	9.5
31	21.0	20.0	20.5	---	---	---	14.0	13.5	14.0	10.0	9.0	9.5
MONTH	21.0	17.0	19.1	21.0	13.0	16.9	16.0	10.0	13.0	14.0	7.5	10.5

TEMPERATURE (&C) OF WATER, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MTN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	9.0	9.5	11.5	10.5	11.0	13.0	11.0	11.5	15.0	13.5	14.5
2	10.5	9.0	9.5	11.0	9.5	10.5	12.5	10.5	11.5	15.5	13.5	14.5
3	10.5	9.5	10.0	11.5	10.0	10.5	13.5	11.0	12.0	15.5	13.5	14.5
4	10.0	9.5	10.0	11.0	10.0	10.5	13.0	11.0	12.0	14.5	13.0	14.0
5	10.5	9.5	10.0	11.0	10.5	10.5	13.0	11.5	12.0	14.5	12.5	13.5
6	10.0	9.0	9.5	12.0	10.5	11.0	13.0	11.5	12.5	15.0	13.0	14.0
7	10.5	9.0	9.5	12.0	10.0	11.0	13.5	11.5	12.5	15.0	13.0	14.0
8	10.0	9.5	9.5	11.5	10.0	11.0	13.5	11.5	12.5	14.5	13.0	14.0
9	10.0	9.0	9.5	11.5	10.0	10.5	14.0	12.0	13.0	15.5	13.5	14.5
10	9.5	9.0	9.5	12.0	10.0	11.0	14.0	11.5	12.5	15.5	13.5	14.5
11	10.0	9.0	9.5	12.0	10.5	11.0	13.5	11.5	13.0	15.5	13.0	14.5
12	10.0	9.0	9.5	12.0	10.0	11.0	13.0	12.0	12.5	15.5	13.5	14.0
13	9.5	8.5	9.0	11.0	10.0	10.5	13.5	12.0	13.0	16.5	14.0	15.0
14	9.5	8.5	9.0	12.5	11.0	11.5	13.0	11.5	12.5	16.0	13.5	15.0
15	10.0	9.0	9.5	12.5	11.0	11.5	14.5	12.0	13.0	16.5	13.5	15.0
16	10.0	9.0	9.5	12.0	10.0	11.0	14.5	12.0	13.0	16.5	13.5	15.0
17	10.5	9.5	10.0	12.0	10.0	11.0	14.0	12.0	13.0	15.5	13.5	14.5
18	11.0	9.5	10.0	12.0	10.5	11.0	14.5	13.0	13.5	16.5	14.0	15.0
19	11.0	9.5	10.0	12.0	11.0	11.5	14.0	13.5	14.0	18.0	16.0	16.5
20	11.5	9.5	10.5	11.5	11.0	11.0	16.5	14.0	15.0	17.0	15.5	16.0
21	11.0	9.5	10.5	12.0	10.5	11.0	18.0	16.5	17.0	17.0	15.0	16.0
22	11.5	10.0	11.0	12.5	11.0	11.5	19.0	16.5	17.5	16.5	15.5	16.0
23	10.5	9.5	10.0	12.5	10.5	11.5	16.5	14.0	15.5	16.5	14.5	15.5
24	11.0	9.5	10.0	---	---	---	16.0	13.5	14.5	16.5	14.5	15.5
25	10.5	10.0	10.0	---	---	---	17.0	15.5	16.0	17.0	15.0	16.0
26	10.5	10.0	10.0	12.0	11.5	12.0	17.5	17.0	17.0	17.5	16.5	17.0
27	11.0	10.0	10.5	12.5	11.0	12.0	17.0	15.0	15.5	17.5	15.5	16.5
28	11.0	10.0	10.5	12.0	11.0	11.5	16.5	14.5	15.5	17.0	15.5	16.0
29	---	---	---	13.5	11.5	12.5	16.0	14.0	15.0	16.0	15.5	15.5
30	---	---	---	13.5	11.0	12.5	15.0	14.0	14.5	17.0	15.5	16.0
31	---	---	---	13.0	11.5	12.0	---	---	---	17.0	16.5	16.5
MONTH	11.5	8.5	9.8	13.5	9.5	11.2	19.0	10.5	13.8	18.0	12.5	15.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	19.0	16.0	18.0	17.5	16.5	17.0	19.5	18.5	19.0	21.0	19.0	20.0
2	18.0	16.0	17.0	18.5	17.0	17.5	20.0	17.5	18.5	21.5	19.5	20.5
3	17.5	15.0	16.0	18.5	17.0	17.5	20.5	17.5	19.0	21.0	19.5	20.0
4	16.5	15.0	15.5	19.5	17.0	18.0	19.0	18.5	18.5	20.5	19.5	20.0
5	16.0	15.0	15.5	19.0	17.5	18.0	19.5	18.5	19.0	20.5	18.5	19.5
6	15.5	15.0	15.5	19.0	17.0	18.0	20.0	18.0	19.0	20.5	19.5	20.0
7	15.5	15.0	15.0	19.0	17.0	17.5	19.5	17.5	18.5	21.0	19.0	20.0
8	16.5	15.0	16.0	18.5	17.0	18.0	19.5	18.0	18.5	20.5	19.5	20.0
9	16.5	15.0	16.0	20.0	18.5	19.0	19.0	18.0	18.5	20.5	19.5	20.0
10	17.0	15.5	16.0	21.0	17.5	19.5	19.0	18.0	18.5	20.5	20.0	20.0
11	17.0	15.5	16.0	18.5	17.0	18.0	20.0	18.0	19.0	21.0	19.5	20.5
12	17.0	15.5	16.0	18.5	17.0	17.5	20.0	18.5	19.5	21.0	19.5	20.5
13	18.0	16.0	17.0	20.0	17.5	18.5	19.5	18.5	19.0	21.0	20.0	20.5
14	16.5	16.0	16.5	21.0	17.5	20.0	19.5	19.0	19.5	21.0	20.0	20.5
15	18.0	16.5	17.0	18.5	17.5	18.0	20.0	18.5	19.5	20.5	19.5	20.5
16	17.0	16.0	16.5	19.0	18.0	18.5	20.0	19.0	19.5	21.5	20.5	21.0
17	17.0	16.0	16.5	20.0	19.0	19.5	20.5	18.5	19.5	21.0	20.5	21.0
18	17.5	16.5	17.0	20.0	19.0	19.5	21.0	18.5	20.0	21.5	20.0	20.5
19	18.0	16.0	17.0	20.5	18.5	19.5	20.0	18.5	19.5	22.0	20.5	21.0
20	17.5	16.0	16.5	20.5	19.0	19.5	19.5	18.5	19.0	22.5	21.0	21.5
21	19.0	16.0	17.5	20.0	18.5	19.0	20.5	19.0	20.0	21.0	20.5	21.0
22	19.0	16.5	17.5	19.5	18.5	19.0	21.0	19.0	20.0	21.0	19.5	20.5
23	17.5	16.5	17.0	20.5	18.5	19.5	21.5	20.0	20.5	21.0	20.0	20.5
24	17.5	16.0	17.0	22.5	17.5	19.5	20.5	19.0	19.5	20.5	19.5	20.0
25	17.5	16.0	17.0	19.0	18.0	18.5	---	---	---	19.5	18.5	19.0
26	20.0	16.5	17.5	18.5	17.5	18.0	---	---	---	20.5	19.5	20.0
27	18.5	16.5	17.0	19.0	18.0	18.5	21.0	20.0	20.5	20.0	19.5	20.0
28	19.5	16.5	18.0	19.0	18.0	18.5	21.0	20.0	20.5	20.0	19.5	20.0
29	17.5	16.5	17.0	19.0	18.0	18.5	21.0	19.5	20.5	21.5	20.0	21.0
30	18.0	16.5	17.5	18.5	17.5	18.0	22.0	21.0	21.0	21.5	20.0	21.0
31	---	---	---	19.5	18.0	18.5	21.5	21.0	21.0	---	---	---
MONTH	20.0	15.0	16.6	22.5	16.5	18.5	22.0	17.5	19.5	22.5	18.5	20.4
YEAR	22.5	7.5	15.4									

SANTEE RIVER BASIN
02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

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OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.4	2.4	2.8	7.5	6.4	6.8	8.2	7.4	7.8	9.7	8.8	9.1
2	4.0	2.7	3.4	7.5	6.6	7.0	8.4	7.4	7.8	10.2	8.7	9.3
3	3.9	2.5	3.2	8.5	6.8	7.5	8.9	7.9	8.3	10.4	9.0	9.6
4	3.8	2.9	3.3	9.3	7.7	8.4	9.0	8.1	8.4	9.9	9.0	9.4
5	4.6	3.0	3.8	9.1	7.9	8.6	9.0	7.9	8.3	9.6	8.9	9.2
6	5.4	3.3	4.3	9.1	5.2	7.4	8.6	7.4	8.0	10.1	8.7	9.2
7	5.5	4.8	5.1	6.5	5.2	5.6	9.1	7.7	8.3	9.9	9.0	9.4
8	6.1	2.8	4.1	5.7	5.4	5.6	9.2	7.8	8.4	10.1	9.1	9.5
9	3.6	2.5	2.8	7.6	5.7	6.9	9.7	8.4	9.0	10.1	9.5	9.8
10	3.7	2.6	3.0	7.5	7.1	7.3	9.8	8.9	9.3	10.1	9.6	9.9
11	4.0	2.8	3.3	7.9	7.3	7.6	9.8	8.7	9.2	10.3	9.6	9.9
12	3.9	2.8	3.2	8.1	7.5	7.8	9.6	8.5	9.0	10.5	9.8	10.1
13	4.3	2.7	3.5	8.3	7.6	8.0	9.7	8.2	8.8	10.5	9.7	10.0
14	---	---	---	8.5	7.9	8.1	9.8	8.4	8.9	10.6	9.8	10.1
15	---	---	---	9.1	8.1	8.5	10.1	8.6	9.3	10.3	9.7	10.0
16	---	---	---	9.5	8.4	8.8	10.2	9.0	9.6	10.0	9.1	9.5
17	---	---	---	9.6	8.7	9.1	9.9	8.8	9.3	10.0	8.9	9.3
18	---	---	---	9.1	8.5	8.8	9.6	8.5	9.1	10.4	9.5	9.9
19	---	---	---	8.5	8.0	8.2	9.8	8.6	9.1	10.5	9.8	10.1
20	---	---	---	8.7	8.1	8.3	10.3	8.9	9.7	10.6	9.6	10.0
21	---	---	---	8.7	8.2	8.4	10.4	9.5	10.0	10.7	9.8	10.3
22	---	---	---	8.8	8.1	8.4	10.6	9.4	10.0	10.5	9.9	10.2
23	5.6	3.3	4.5	9.2	8.4	8.7	10.4	9.4	9.9	11.1	9.1	10.1
24	6.4	4.5	5.1	9.3	8.5	8.9	10.1	9.2	9.6	10.5	8.8	9.5
25	6.4	5.2	5.7	9.1	8.5	8.8	10.4	8.9	9.6	9.7	8.8	9.3
26	6.0	4.5	5.2	8.8	8.2	8.5	10.2	9.2	9.7	10.2	9.0	9.6
27	6.7	5.1	5.8	9.0	7.9	8.4	10.4	9.1	9.7	10.5	9.8	10.2
28	5.8	4.7	5.2	9.1	8.3	8.6	10.0	8.6	9.4	10.5	9.4	9.7
29	6.2	5.2	5.8	9.0	8.4	8.7	---	---	---	10.1	9.3	9.6
30	6.4	5.6	6.0	8.6	8.0	8.4	---	---	---	9.8	9.5	9.6
31	7.7	5.8	6.5	---	---	---	---	---	---	10.2	9.4	9.7
MONTH	7.7	2.4	4.3	9.6	5.2	8.0	10.6	7.4	9.1	11.1	8.7	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.1	9.4	9.7	11.1	10.1	10.6	11.3	9.6	10.2	9.5	8.6	9.0
2	10.1	9.3	9.6	10.6	9.8	10.2	10.4	9.5	9.8	10.2	8.7	9.4
3	10.1	9.2	9.6	11.1	10.1	10.4	11.3	9.5	10.2	9.2	8.1	8.5
4	9.9	9.2	9.5	11.0	9.9	10.5	10.9	9.5	10.0	9.3	8.2	8.7
5	9.9	9.1	9.4	11.4	10.1	10.6	10.6	9.3	9.9	9.4	8.4	8.8
6	10.2	9.2	9.6	11.8	10.1	11.0	10.2	9.2	9.7	9.1	8.3	8.6
7	10.2	9.3	9.6	11.8	10.2	11.0	10.8	9.1	9.9	9.2	7.9	8.4
8	9.4	9.2	9.3	11.5	10.1	10.9	11.5	9.6	10.4	8.9	7.2	8.0
9	10.0	9.3	9.6	10.9	9.9	10.4	11.6	9.1	10.3	8.3	7.3	7.8
10	9.8	9.4	9.6	11.0	9.5	10.2	12.0	9.3	10.6	9.5	8.0	8.7
11	10.3	9.4	9.7	11.0	9.5	10.3	11.8	9.6	10.4	9.4	8.0	8.6
12	10.6	9.5	10.0	11.6	9.6	10.5	9.6	9.0	9.3	8.7	7.6	8.4
13	10.5	9.1	9.9	10.9	10.0	10.4	10.4	9.0	9.6	9.7	8.1	8.8
14	10.7	9.8	10.1	10.7	10.1	10.4	11.3	9.1	10.0	9.5	8.1	8.8
15	10.9	10.1	10.5	11.1	10.1	10.6	11.8	9.2	10.3	9.7	7.8	8.8
16	11.1	10.6	10.7	10.8	10.1	10.5	11.7	9.1	10.1	9.6	8.0	8.8
17	11.4	10.6	10.9	11.0	10.1	10.5	11.4	8.9	10.0	9.4	7.8	8.5
18	11.5	10.7	11.1	11.2	10.0	10.7	11.5	9.5	10.2	10.4	7.8	9.1
19	11.6	10.4	10.9	---	---	---	10.7	9.6	10.2	10.3	8.5	9.2
20	11.5	9.9	10.5	---	---	---	11.8	9.5	10.5	10.6	8.1	8.8
21	11.1	10.0	10.5	10.1	9.1	9.6	11.5	9.5	10.6	11.5	7.7	9.5
22	11.0	9.9	10.4	9.7	8.9	9.2	11.2	9.1	10.0	11.3	8.2	9.6
23	11.4	10.4	10.8	9.8	8.8	9.1	9.7	8.1	8.8	10.2	8.3	9.2
24	11.7	10.5	11.0	---	---	---	11.0	8.5	9.6	10.8	8.1	9.3
25	11.6	10.6	11.1	---	---	---	10.7	9.0	9.8	10.0	8.0	9.1
26	11.2	10.6	10.9	10.1	9.5	9.7	10.4	8.8	9.4	10.5	8.6	9.4
27	10.9	10.6	10.8	10.7	9.6	10.0	9.6	8.4	9.1	9.9	7.4	8.7
28	11.3	10.4	10.8	10.3	9.4	9.7	9.2	8.4	8.6	10.2	8.7	9.4
29	---	---	---	10.8	9.3	9.9	9.3	8.4	8.8	10.0	8.7	9.4
30	---	---	---	11.3	9.3	10.1	9.6	8.7	9.1	10.8	8.1	9.4
31	---	---	---	11.2	9.2	10.1	---	---	---	10.2	8.7	9.3
MONTH	11.7	9.1	10.2	11.8	8.8	10.3	12.0	8.1	9.8	11.5	7.2	8.9

SANTEE RIVER BASIN
02169500 CONGAREE RIVER AT COLUMBIA, SC

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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.

DRAINAGE AREA.--7,850 mi², approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Oct. 6, 7, 13 - 15, 17 - 21, 23 - 26, 28 - 30, Feb. 1 - 4, 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 74 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20500	2130	5130	4910	10500	28400	9750	26300	5240	6950	6670	3750
2	25500	2400	8570	3960	10000	40700	12700	11800	4630	4590	9730	5270
3	16100	3130	22400	5900	9000	41100	7850	12100	5700	7340	8030	4020
4	8870	3150	20700	5740	8000	33500	6810	11800	8620	6260	8380	3880
5	4630	3120	10800	4870	8100	21900	6850	14900	9840	5690	5790	3460
6	3500	2210	8220	2460	9750	13800	7450	12500	8640	5200	5130	3330
7	3800	2210	6240	5130	8430	11700	9250	8550	7780	5060	5370	3490
8	11200	4230	6530	7660	11100	11700	8790	13600	6590	4520	4930	3270
9	16100	5850	6140	8970	11900	12400	6010	13300	5850	4310	5040	2850
10	9890	6070	5440	16200	12500	9200	6560	8640	5020	5820	5160	2570
11	6480	11800	5270	21400	9730	8080	6370	6660	5540	5850	6430	2860
12	5630	6160	5310	13400	8730	9140	6980	7000	6070	7310	5320	3950
13	3500	5750	5190	5670	10500	7810	7210	6200	6380	6710	7830	3180
14	3450	4240	5230	6030	25200	12300	10200	6840	6780	9990	7100	3480
15	2350	3540	7930	6720	39600	12700	10000	7080	8200	6720	5610	4270
16	3560	2740	8280	9650	47100	15500	7090	7070	11500	3970	4660	4640
17	3450	2750	7950	9120	39500	15200	7640	6900	16000	4230	4810	3340
18	3450	3010	5310	9350	21400	11800	5850	5790	8680	4870	4720	2500
19	3400	4270	5590	7330	12600	10100	5340	5620	7400	4660	6620	2080
20	3400	4400	5910	8170	11600	10100	5160	5090	9860	4210	4330	2650
21	2300	4570	5400	8640	10800	12500	5140	5020	6740	4120	4100	2750
22	1920	4460	5420	7190	10200	12900	4370	4720	6420	4100	3390	3540
23	3400	4340	5370	7040	10900	9110	4760	6110	6020	4030	2910	4010
24	3400	4230	5390	7010	11000	8650	8360	5810	7330	19600	2470	4000
25	3400	4260	5420	7920	11900	8610	10400	5750	8690	17300	2850	5110
26	3450	4380	5460	15000	14700	9980	6710	5820	6080	19200	3730	6580
27	3860	4690	5350	14200	14400	11800	4730	3490	5230	16800	4360	6250
28	3750	3450	5370	12400	13900	10600	15700	5510	6320	9400	3220	8050
29	3500	3530	5420	8690	---	10500	26100	6460	7220	7470	3270	7070
30	2850	3730	5590	9580	---	10000	32200	5970	6640	6410	2800	5090
31	2740	---	5740	10900	---	11200	---	5670	---	7480	3140	---
TOTAL	193330	124800	222070	271210	423040	452980	272330	258070	221010	230170	157900	121290
MEAN	6236	4160	7164	8749	15110	14610	9078	8325	7367	7425	5094	4043
MAX	25500	11800	22400	21400	47100	41100	32200	26300	16000	19600	9730	8050
MIN	1920	2130	5130	2460	8000	7810	4370	3490	4630	3970	2470	2080
CFSM	.79	.53	.91	1.11	1.92	1.86	1.16	1.06	.94	.95	.65	.52
IN.	.92	.59	1.05	1.29	2.00	2.15	1.29	1.22	1.05	1.09	.75	.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1997, BY WATER YEAR (WY)

	MEAN	7434	7325	8936	11980	13260	14510	11590	8044	7245	6808	7334	6418
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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1940 - 1997	
ANNUAL TOTAL	3226820		2948200			
ANNUAL MEAN	8816		8077		9222	
HIGHEST ANNUAL MEAN					15130	1965
LOWEST ANNUAL MEAN					4178	1988
HIGHEST DAILY MEAN	66100	Feb 4	47100	Feb 16	150000	Oct 11 1976
LOWEST DAILY MEAN	1920	Oct 22	1920	Oct 22	662	Oct 18 1954
ANNUAL SEVEN-DAY MINIMUM	2620	Nov 1	2620	Nov 1	964	Oct 15 1954
INSTANTANEOUS PEAK FLOW			50800	Feb 17	155000	Oct 11 1976
INSTANTANEOUS PEAK STAGE			16.69	Feb 17	29.74	Oct 11 1976
INSTANTANEOUS LOW FLOW			790	Nov 18	588	Jan 19 1942
ANNUAL RUNOFF (CFSM)	1.12		1.03		1.17	
ANNUAL RUNOFF (INCHES)	15.29		13.97		15.96	
10 PERCENT EXCEEDS	15000		13700		16400	
50 PERCENT EXCEEDS	6420		6320		6800	
90 PERCENT EXCEEDS	3450		3400		3170	

SANTEE RIVER BASIN
02169570 GILLS CREEK AT COLUMBIA, SC

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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.

WATER-DISCHARGE RECORDS

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, Apr. 2, 3, 22 - 29, June 23 - 26, July 30, which are poor. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	22	92	41	86	108	37	102	23	91	326	24
2	53	25	105	42	84	95	34	96	22	97	167	19
3	43	24	73	43	170	98	31	192	44	76	114	17
4	35	24	58	40	142	94	30	181	46	59	106	16
5	29	24	54	59	82	84	29	128	29	45	76	13
6	26	24	52	57	62	75	30	94	103	36	61	12
7	86	27	74	56	56	67	33	68	76	31	48	12
8	361	98	70	96	75	38	29	50	59	26	39	12
9	195	88	54	400	67	13	28	48	47	55	33	11
10	114	63	47	262	71	13	26	44	37	172	47	13
11	33	51	43	184	70	13	24	30	30	89	35	14
12	36	41	41	139	72	11	51	25	32	55	32	14
13	38	36	41	113	118	17	49	23	59	41	31	14
14	34	33	38	91	203	96	48	21	109	31	30	15
15	32	31	38	71	270	42	43	21	308	39	27	15
16	30	28	36	177	259	27	38	20	107	57	24	14
17	28	27	34	116	220	35	34	20	82	64	22	13
18	27	31	41	116	172	57	29	19	77	40	20	13
19	26	46	102	110	134	56	28	18	61	35	18	13
20	24	41	76	93	106	57	28	17	50	30	17	13
21	23	50	64	79	102	50	27	16	100	25	17	14
22	22	68	54	71	137	48	30	15	91	23	17	12
23	22	52	47	58	112	44	160	15	60	133	15	11
24	22	46	43	68	100	40	55	14	45	1530	14	33
25	22	42	44	99	88	37	32	19	35	571	14	570
26	22	40	45	78	79	42	29	21	25	341	13	321
27	22	36	46	105	72	44	135	29	59	222	13	180
28	22	33	44	95	82	50	590	25	135	139	13	268
29	23	32	45	88	---	58	360	24	83	75	13	157
30	22	31	43	103	---	50	229	23	64	180	18	91
31	22	---	41	89	---	43	---	23	---	469	20	---
TOTAL	1583	1214	1685	3239	3291	1602	2326	1441	2098	4877	1440	1944
MEAN	51.1	40.5	54.4	104	118	51.7	77.5	46.5	69.9	157	46.5	64.8
MAX	361	98	105	400	270	108	590	192	308	1530	326	570
MIN	22	22	34	40	56	11	24	14	22	23	13	11
CFSM	.86	.68	.91	1.75	1.97	.87	1.30	.78	1.17	2.64	.78	1.09
IN.	.99	.76	1.05	2.02	2.05	1.00	1.45	.90	1.31	3.04	.90	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1997, BY WATER YEAR (WY)

	MEAN	54.0	62.1	79.4	118	110	113	78.8	56.3	62.3	67.7	67.8	51.4
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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1967 - 1997	
ANNUAL TOTAL	21355		26740			
ANNUAL MEAN	58.3		73.3		76.6	
HIGHEST ANNUAL MEAN					130	
LOWEST ANNUAL MEAN					44.7	
HIGHEST DAILY MEAN	696	Mar 7	1530	Jul 24	1730	Aug 20 1986
LOWEST DAILY MEAN	10	May 25	11	* Mar 12	1.6	Aug 1 1983
ANNUAL SEVEN-DAY MINIMUM	14	Jun 30	12	Sep 5	1.9	Jul 30 1983
INSTANTANEOUS PEAK FLOW			2480	Jul 24	2480	Jul 24 1997
INSTANTANEOUS PEAK STAGE			9.43	Jul 24	9.43	Jul 24 1997
ANNUAL RUNOFF (CFSM)	.98		1.23		1.29	
ANNUAL RUNOFF (INCHES)	13.33		16.69		17.46	
10 PERCENT EXCEEDS	114		138		153	
50 PERCENT EXCEEDS	42		44		49	
90 PERCENT EXCEEDS	21		17		16	

*Also occurred on Sept. 9, 23.

SANTEE RIVER BASIN
02169570 GILLS CREEK AT COLUMBIA, SC--Continued

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1996 to current.

PERIOD OF DAILY RECORD.--April 1996 to September 1997 (discontinued).

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

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 137 microsiemens, Apr. 5, 1997; minimum, 22 microsiemens, July 16, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 137 microsiemens, Apr. 5; minimum, 23 microsiemens, June 14, 15, 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	42	36	40	---	---	---	57	45	48	47	46	47
2	44	41	43	---	---	---	48	45	47	48	46	47
3	45	42	43	---	---	---	47	44	46	50	47	48
4	46	42	44	---	---	---	49	45	46	49	47	48
5	47	43	45	---	---	---	53	45	47	51	46	48
6	49	45	47	---	---	---	49	46	47	49	46	47
7	53	36	44	---	---	---	51	43	48	49	46	47
8	42	35	39	57	30	47	48	46	47	47	43	45
9	42	38	40	45	42	43	48	45	47	44	42	43
10	43	39	41	44	42	43	49	45	47	45	42	44
11	50	43	47	43	41	42	50	47	48	45	43	44
12	47	44	46	44	41	42	60	47	49	46	43	44
13	47	43	45	46	42	43	51	47	48	46	43	44
14	48	43	45	49	42	46	50	47	48	46	44	45
15	49	43	46	45	42	43	50	47	48	48	45	46
16	73	44	57	53	44	45	51	47	48	46	34	44
17	73	54	64	61	50	55	50	47	49	47	43	45
18	59	51	55	50	41	44	54	44	48	46	43	44
19	52	49	50	42	39	40	48	40	45	45	44	44
20	64	46	54	54	40	44	47	45	46	47	44	45
21	67	43	55	72	38	57	47	45	46	47	44	45
22	47	43	45	48	38	43	48	45	46	47	45	46
23	58	45	50	---	---	---	49	46	47	48	46	47
24	62	51	57	---	---	---	50	47	48	49	43	47
25	71	62	67	---	---	---	48	46	47	48	43	47
26	72	52	60	50	48	49	51	46	47	49	46	47
27	63	51	58	50	47	48	50	47	48	48	46	46
28	69	54	61	50	47	48	76	48	50	47	45	46
29	76	56	61	50	47	48	49	47	48	47	45	46
30	66	47	55	51	48	49	49	46	47	46	42	45
31	65	40	51	---	---	---	47	45	46	47	45	46
MONTH	76	35	50	72	30	46	76	40	47	51	34	46

SANTEE RIVER BASIN
02169570 GILLS CREEK AT COLUMBIA, SC--Continued

**SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued**

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	48	45	46	49	45	47	49	47	48	59	32	50
2	48	46	47	57	49	53	---	---	---	62	48	54
3	88	46	48	56	47	50	---	---	---	63	48	56
4	49	45	46	49	46	48	64	49	51	49	24	44
5	51	46	48	79	48	57	137	49	58	46	39	43
6	51	47	49	70	48	55	59	50	52	47	40	44
7	55	49	50	---	---	---	85	51	54	47	38	44
8	52	47	50	---	---	---	59	49	52	51	42	45
9	50	46	48	---	---	---	51	48	50	53	47	49
10	50	46	47	---	---	---	63	48	50	51	42	48
11	52	47	49	111	66	83	50	48	49	53	38	49
12	53	48	50	128	85	103	69	45	50	52	38	48
13	51	42	47	126	76	105	50	47	49	50	43	46
14	49	39	45	109	31	56	48	47	47	49	46	47
15	48	44	45	---	---	---	49	47	48	126	37	53
16	46	43	45	---	---	---	49	47	48	52	44	49
17	47	43	45	---	---	---	84	47	54	57	50	52
18	47	43	45	---	---	---	79	48	55	52	49	51
19	47	45	46	---	---	---	57	48	49	50	47	48
20	47	45	46	---	---	---	57	49	50	48	46	47
21	48	46	47	52	48	50	51	49	50	48	46	47
22	48	45	47	52	49	50	56	42	51	49	46	48
23	47	46	47	52	48	50	50	46	48	49	46	48
24	48	46	47	52	48	50	49	46	48	50	47	48
25	49	47	48	53	48	51	50	47	49	61	47	50
26	50	48	49	52	49	51	52	48	50	50	47	48
27	54	49	50	52	49	51	52	42	48	49	41	46
28	55	40	50	55	50	52	47	39	44	47	45	46
29	---	---	---	53	49	51	49	44	46	47	45	46
30	---	---	---	54	49	51	50	47	48	48	45	46
31	---	---	---	50	48	49	---	---	---	49	45	46
MONTH	88	39	47	128	31	58	137	39	50	126	24	48
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	47	45	46	40	35	38	38	34	36	57	54	56
2	51	45	46	39	35	38	40	38	39	61	56	57
3	52	41	46	38	36	37	40	38	39	61	57	58
4	47	45	46	43	36	40	44	39	42	57	56	56
5	46	44	45	62	43	50	48	43	46	57	56	56
6	45	38	41	54	46	51	48	47	47	58	55	56
7	43	40	41	58	49	54	50	47	49	58	55	56
8	41	40	41	68	54	60	51	48	49	57	55	56
9	42	39	41	68	34	60	52	49	51	83	55	58
10	44	40	41	40	37	39	54	42	51	70	59	62
11	45	40	41	44	39	42	55	51	53	78	54	66
12	45	41	41	50	44	47	54	51	53	76	61	66
13	42	32	40	53	50	52	55	53	54	66	62	63
14	42	23	39	57	48	52	59	52	54	65	62	64
15	39	23	36	56	48	50	54	52	53	114	63	70
16	39	36	38	53	46	50	55	52	54	66	63	65
17	44	37	40	51	48	50	56	53	54	67	64	65
18	45	41	42	53	51	52	57	54	55	68	64	65
19	62	44	50	54	51	53	57	54	55	73	60	65
20	57	46	52	57	53	55	73	55	59	64	60	61
21	50	23	42	58	55	57	68	60	63	62	59	60
22	37	36	37	62	58	59	71	55	60	89	58	61
23	39	35	37	62	34	56	59	55	56	62	58	60
24	40	36	38	34	28	30	60	55	56	65	50	59
25	41	38	40	35	32	33	57	55	56	54	43	46
26	41	36	40	37	33	35	58	56	57	47	45	46
27	41	25	38	42	37	39	64	56	61	47	46	46
28	38	25	36	41	38	40	65	57	59	47	43	46
29	40	37	39	44	29	39	59	57	58	47	45	45
30	39	38	39	34	30	32	67	57	60	47	45	46
31	---	---	---	35	31	33	63	55	58	---	---	---
MONTH	62	23	41	68	28	46	73	34	53	114	43	58
YEAR	137	23	49									

SANTEE RIVER BASIN
02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC

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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 ' OR PERIOD OF RECORD.--Maximum gage height, 18.41 ft, Jan 18, 1995, (from floodmarks); minimum gage height, undetermined.

EXTREMES ' OR CURRENT YEAR.--Maximum gage height, 17.41 ft, Feb. 17; minimum gage height, 2.31 ft, Nov. 2, Sept. 18 - 22.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.01	3.55	4.89	5.81	10.41	14.88	10.74	16.54	6.28	7.45	8.39	3.40
2	15.83	2.77	6.20	4.30	9.93	16.64	10.45	15.22	5.23	6.19	8.50	3.24
3	14.80	3.27	12.65	4.93	8.77	17.10	11.05	13.25	5.00	6.45	10.66	5.69
4	13.74	3.86	15.21	5.99	7.62	17.16	7.98	13.14	6.84	7.76	7.42	3.75
5	9.44	3.97	14.05	5.76	7.95	16.74	7.60	13.21	9.76	6.04	8.69	3.75
6	5.48	3.32	10.82	3.77	8.51	15.34	7.52	13.14	9.19	5.81	6.42	3.14
7	2.67	2.69	9.14	2.99	9.34	13.88	9.07	11.21	8.87	5.54	5.86	3.44
8	7.82	3.73	7.16	7.39	9.55	12.65	9.84	10.95	7.47	5.24	5.56	3.24
9	13.08	6.09	7.44	7.36	10.70	12.03	7.60	12.06	6.97	4.84	5.31	2.85
10	13.33	7.01	6.56	11.01	10.94	11.79	7.18	12.24	6.09	4.48	5.54	2.52
11	10.35	8.81	6.07	14.48	11.65	9.47	6.80	8.81	5.29	6.51	5.75	2.38
12	8.68	10.00	5.90	14.63	8.86	9.76	7.04	7.84	6.32	6.49	7.08	3.51
13	5.66	7.61	5.90	10.17	9.19	8.23	7.88	7.21	6.66	7.86	5.60	3.28
14	3.37	5.91	5.74	7.29	13.45	9.82	7.65	7.18	6.86	9.00	7.99	3.14
15	2.49	4.88	5.92	6.36	16.48	12.26	11.36	7.50	7.90	8.42	7.09	3.61
16	3.59	4.03	9.40	8.81	17.14	12.87	8.59	7.62	8.72	5.84	5.64	4.35
17	4.89	3.30	9.03	8.84	17.37	13.27	7.75	7.48	12.39	4.75	5.13	4.06
18	4.85	3.24	6.51	9.91	16.97	13.08	7.59	7.20	12.05	5.16	4.69	2.65
19	4.67	4.36	6.14	8.19	15.32	11.63	6.34	6.09	9.02	5.37	6.27	2.35
20	4.05	5.16	6.38	7.85	13.42	10.64	5.88	5.72	8.66	4.73	5.55	2.31
21	2.71	5.18	6.13	8.50	12.51	11.19	5.73	5.84	9.08	4.30	4.42	2.52
22	2.47	5.40	5.86	7.98	11.47	12.25	5.45	5.20	7.38	4.51	4.25	2.57
23	3.17	5.24	5.78	7.14	11.36	11.39	5.24	5.54	6.70	3.61	2.81	3.18
24	3.24	5.03	5.72	7.11	11.04	9.40	5.84	6.67	7.45	9.04	2.80	4.13
25	2.96	4.93	5.72	7.24	11.04	9.25	10.46	6.10	7.78	14.64	2.43	4.68
26	2.67	4.98	5.74	10.16	12.29	9.21	9.48	5.99	8.14	14.55	3.50	5.59
27	3.56	5.27	5.70	12.97	12.97	11.12	5.96	5.63	6.31	15.19	3.73	7.38
28	4.86	4.72	5.63	12.20	12.72	11.13	6.97	4.03	5.83	13.03	4.05	7.46
29	5.07	4.05	5.64	11.15	---	10.51	15.16	6.36	7.49	9.51	2.98	8.18
30	3.89	4.01	5.65	8.64	---	10.84	16.33	6.69	7.22	8.36	2.78	6.56
31	3.21	---	5.89	10.73	---	10.42	---	6.03	---	7.75	2.83	---
MAX	15.83	10.00	15.21	14.63	17.37	17.16	16.33	16.54	12.39	15.19	10.66	8.18
MIN	2.47	2.69	4.89	2.99	7.62	8.23	5.24	4.03	5.00	3.61	2.43	2.31

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 September 1995 (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, 8.69 ft, Feb. 17, 18; minimum gage height, 0.98 ft, Sept. 6.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.93	1.50	1.71	1.67	2.40	3.99	1.83	6.73	1.39	1.96	2.75	1.27
2	3.51	1.49	1.88	1.72	2.23	5.80	1.73	6.66	1.40	2.02	2.82	1.21
3	5.17	1.49	2.01	1.74	2.07	7.37	1.80	5.78	1.41	1.89	2.56	1.11
4	5.27	1.50	3.61	1.74	1.97	7.97	1.66	4.98	1.56	1.74	2.18	1.05
5	4.45	1.51	4.66	1.74	1.94	7.68	1.62	4.47	1.58	1.58	2.00	1.01
6	3.13	1.51	4.57	1.75	1.90	6.79	1.59	4.11	1.80	1.47	1.80	.99
7	2.13	1.52	3.56	1.76	1.85	5.85	1.63	3.55	2.15	1.53	1.67	1.01
8	2.76	1.61	2.76	1.77	1.90	4.95	1.64	2.53	2.19	1.64	1.59	1.09
9	3.23	1.83	2.29	2.42	2.08	4.11	1.62	2.43	1.94	1.62	1.53	1.14
10	3.81	1.89	2.35	2.89	2.21	3.48	1.56	2.61	1.70	1.57	1.57	1.17
11	3.45	1.85	2.09	3.75	2.34	2.65	1.53	1.96	1.55	1.73	2.01	1.25
12	2.44	1.79	2.33	4.58	2.13	2.08	1.66	1.52	1.51	1.97	1.99	1.32
13	1.90	1.71	1.88	4.74	2.01	1.91	1.90	1.49	1.52	1.76	1.74	1.33
14	1.73	1.67	1.93	3.68	2.94	2.21	1.94	1.45	1.55	1.54	1.60	1.31
15	1.66	1.64	1.73	2.76	5.23	2.96	1.85	1.42	1.74	2.05	1.52	1.34
16	1.61	1.61	1.71	2.46	7.28	3.39	1.70	1.40	1.93	1.85	1.45	1.35
17	1.58	1.60	1.69	2.49	8.37	3.57	1.61	1.38	2.05	1.87	1.40	1.32
18	1.57	1.61	1.73	2.46	8.33	3.65	1.54	1.38	2.55	1.66	1.37	1.29
19	1.55	1.67	2.03	2.29	7.02	3.35	1.53	1.36	2.16	1.56	1.34	1.28
20	1.53	1.70	2.06	2.06	5.91	2.83	1.62	1.33	1.77	1.43	1.32	1.28
21	1.52	1.72	2.10	1.50	5.00	2.42	1.57	1.35	1.62	1.37	1.37	1.27
22	1.51	1.77	1.98	1.38	4.41	2.58	1.55	1.34	1.58	1.30	1.42	1.25
23	1.50	1.79	1.83	1.34	3.90	2.68	1.83	1.32	1.63	1.33	1.40	1.24
24	1.50	1.79	1.78	1.33	3.53	2.11	2.10	1.31	1.64	2.20	1.35	1.26
25	1.50	1.77	1.78	1.57	3.16	1.85	2.08	1.30	1.93	3.48	1.30	1.71
26	1.49	1.74	1.77	1.87	2.97	1.82	1.83	1.34	2.10	4.46	1.28	2.15
27	1.49	1.72	1.80	2.51	3.25	1.80	1.70	1.38	1.84	5.10	1.27	2.38
28	1.50	1.71	1.82	2.92	3.45	1.85	2.00	1.41	1.99	5.33	1.28	2.51
29	1.51	1.66	1.79	2.68	---	2.04	3.38	1.48	2.05	4.32	1.27	2.43
30	1.50	1.64	1.78	2.35	---	2.11	5.37	1.44	2.05	3.20	1.26	2.24
31	1.49	---	1.70	2.39	---	2.00	---	1.40	---	2.71	1.28	---
MAX	5.27	1.89	4.66	4.74	8.37	7.97	5.37	6.73	2.55	5.33	2.82	2.51
MIN	1.49	1.49	1.69	1.33	1.85	1.80	1.53	1.30	1.39	1.30	1.26	.99

SANTEE RIVER BASIN
02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

269

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, 82.61 ft, Feb. 19; minimum, 74.43 ft, Oct. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.25	74.98	76.85	77.25	79.67	80.54	79.89	80.86	76.95	78.09	80.09	75.04
2	79.54	74.80	77.45	76.91	79.51	80.77	79.85	81.37	76.70	78.34	79.81	75.08
3	80.33	74.56	78.75	76.30	79.23	81.10	79.94	81.60	76.20	77.96	79.82	75.32
4	80.70	74.79	80.03	76.61	78.74	81.68	79.64	81.35	76.42	78.25	79.48	75.40
5	80.54	75.07	80.38	76.60	78.25	82.14	79.17	81.07	77.40	78.03	78.98	75.15
6	79.36	75.24	80.45	76.25	78.13	82.17	79.02	80.95	78.07	77.68	78.47	74.98
7	77.37	75.17	80.29	74.99	78.48	81.83	79.03	80.87	78.22	77.14	77.68	74.85
8	77.67	75.60	79.69	75.82	78.61	81.34	79.29	80.62	78.33	76.83	77.42	74.83
9	79.70	76.34	79.25	77.64	79.08	80.96	79.13	80.53	77.80	76.72	77.19	74.81
10	80.26	77.32	79.01	78.51	79.44	80.73	78.63	80.52	77.43	76.63	77.10	74.70
11	80.41	77.58	78.75	79.64	79.64	80.46	78.47	80.36	77.07	76.89	76.77	74.68
12	80.09	78.55	78.51	80.20	79.52	80.18	78.43	79.88	76.83	76.95	76.83	74.72
13	79.28	78.34	78.37	80.49	79.30	79.94	78.63	79.50	77.04	77.14	76.85	74.98
14	77.76	77.71	78.24	80.07	79.67	79.75	78.79	79.18	77.45	77.48	77.08	74.85
15	76.55	77.00	78.10	79.34	80.38	80.04	79.22	79.05	78.16	78.09	77.52	75.02
16	75.81	76.63	78.58	78.99	80.87	80.27	79.46	78.91	78.87	78.07	77.51	75.14
17	75.75	76.42	79.16	79.18	81.56	80.45	78.95	78.85	79.55	77.27	76.90	75.25
18	75.73	76.28	79.08	79.18	82.30	80.58	78.70	78.77	80.00	76.80	76.44	75.05
19	76.23	76.04	78.55	79.26	82.52	80.60	78.36	78.33	79.83	---	76.14	74.80
20	75.96	76.29	78.25	78.89	82.08	80.46	77.89	78.01	79.46	---	76.58	74.71
21	75.29	76.40	78.25	78.86	81.50	80.28	77.34	77.86	79.50	76.48	75.96	74.65
22	75.16	76.34	78.18	78.84	81.12	80.25	76.93	77.54	79.16	75.78	75.60	74.71
23	75.21	76.64	78.18	78.49	80.79	80.28	76.69	77.15	78.70	75.59	75.49	74.72
24	75.14	77.16	78.06	78.26	80.58	80.13	76.90	77.32	78.49	76.55	75.38	74.88
25	74.75	77.22	77.90	78.26	80.43	79.91	78.35	77.39	78.36	79.47	75.30	75.29
26	74.53	77.08	77.87	78.53	80.29	79.74	79.28	77.18	78.41	80.20	75.16	75.83
27	74.48	76.97	77.80	79.42	80.27	79.78	78.89	77.11	78.13	80.60	75.36	76.74
28	74.90	77.29	77.60	79.80	80.37	79.91	78.36	76.60	77.84	80.87	75.46	77.47
29	75.09	77.16	77.62	79.93	---	79.95	79.53	76.72	78.02	80.85	75.23	77.82
30	75.10	76.83	77.48	79.64	---	79.97	80.37	77.10	78.23	80.66	75.14	77.62
31	74.90	---	77.14	79.49	---	79.92	---	77.13	---	80.34	75.06	---
MAX	80.70	78.55	80.45	80.49	82.52	82.17	80.37	81.60	80.00	---	80.09	77.82
MIN	74.48	74.56	76.85	74.99	78.13	79.74	76.69	76.60	76.20	---	75.06	74.65

SANTEE RIVER BASIN
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, 76.61 ft, Mar. 10; minimum elevation, 71.69 ft, Jan. 9.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.32	73.55	75.17	72.76	73.58	76.03	74.92	74.82	75.06	75.45	76.02	74.38
2	75.22	73.65	75.05	72.58	73.73	76.00	74.95	74.87	75.05	75.37	76.09	74.34
3	75.08	73.61	75.09	72.39	73.89	76.04	75.00	75.27	74.98	75.32	76.11	74.32
4	75.04	73.65	75.04	72.22	74.02	76.13	75.00	75.37	74.92	75.30	76.11	74.28
5	75.03	73.70	75.19	72.16	74.08	76.41	74.99	75.54	74.95	75.37	75.97	74.24
6	75.02	73.71	75.12	72.01	74.11	76.48	75.01	75.64	75.14	75.25	75.78	74.20
7	74.94	73.75	75.23	71.83	74.12	76.52	75.05	75.73	75.15	75.15	75.63	74.18
8	74.90	73.90	75.27	71.73	74.17	76.56	75.00	75.84	75.19	75.14	75.48	74.12
9	74.85	73.86	75.11	71.94	74.20	76.52	74.99	75.99	75.20	75.11	75.41	74.08
10	74.66	73.97	75.04	71.94	74.28	76.54	74.96	76.01	75.19	75.02	75.37	74.04
11	74.58	74.04	74.97	72.03	74.36	76.52	74.90	76.11	75.18	74.96	75.23	74.08
12	74.65	74.15	74.93	72.09	74.49	76.42	75.06	76.18	75.13	74.93	75.08	74.07
13	74.69	74.31	74.86	72.19	74.67	76.29	75.09	76.11	75.10	74.89	74.99	74.07
14	74.59	74.39	74.75	72.34	74.76	76.41	74.97	75.94	75.12	74.82	74.89	74.07
15	74.34	74.46	74.63	72.48	74.91	76.19	74.92	75.94	75.21	74.72	74.81	74.24
16	74.08	74.53	74.52	72.71	75.01	76.08	74.89	75.71	75.33	74.72	74.79	74.26
17	73.84	74.57	74.54	72.80	75.17	76.06	74.94	75.66	75.47	74.70	74.72	74.28
18	73.78	74.65	74.61	72.74	75.52	76.05	74.77	75.62	75.62	74.62	74.63	74.25
19	73.62	74.66	74.60	72.75	76.00	76.03	74.67	75.55	75.63	74.55	74.56	74.22
20	73.64	74.68	74.37	72.89	76.33	75.99	74.63	75.43	75.59	74.45	74.64	74.20
21	73.67	74.83	74.22	72.96	76.38	75.96	74.59	75.33	75.63	74.34	74.65	74.17
22	73.67	74.66	74.15	73.02	76.45	75.88	74.50	75.29	75.61	74.22	74.57	74.13
23	73.70	74.66	74.06	73.04	76.38	75.76	74.42	75.24	75.53	74.13	74.61	74.07
24	73.67	74.77	73.98	73.07	76.38	75.66	74.28	75.16	75.46	74.20	74.63	74.26
25	73.60	74.89	73.81	73.15	76.35	75.62	74.24	75.25	75.37	74.29	74.61	74.32
26	73.60	74.95	73.70	73.08	76.30	75.53	74.23	75.19	75.32	74.47	74.55	74.38
27	73.63	74.90	73.46	73.17	76.22	75.39	74.45	75.14	75.30	74.69	74.57	74.52
28	73.62	74.87	73.26	73.25	76.14	75.34	74.65	75.13	75.41	74.90	74.51	74.71
29	73.61	74.85	73.10	73.38	---	75.28	74.66	75.09	75.37	75.14	74.45	74.82
30	73.61	74.86	72.98	73.48	---	75.24	74.73	75.06	75.36	75.47	74.43	74.89
31	73.55	---	72.88	73.50	---	75.07	---	75.04	---	75.85	74.44	---
MAX	75.32	74.95	75.27	73.50	76.45	76.56	75.09	76.18	75.63	75.85	76.11	74.89
MIN	73.55	73.55	72.88	71.73	73.58	75.07	74.23	74.82	74.92	74.13	74.43	74.04

[illegible]

SANTEE RIVER BASIN
02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1942 - 1997	
ANNUAL TOTAL	321664		281014		2164	
ANNUAL MEAN	879		770		7682	1960
HIGHEST ANNUAL MEAN					491	1985
LOWEST ANNUAL MEAN					153000	Sep 22 1945
HIGHEST DAILY MEAN	11600	Feb 9	9450	Mar 6	* 9	Feb 23 1947
LOWEST DAILY MEAN	521	Aug 29	586	Jul 25	25	Feb 17 1947
ANNUAL SEVEN-DAY MINIMUM	592	May 21	601	Apr 26	** 155000	Sep 23 1945
INSTANTANEOUS PEAK FLOW			11300	Mar 7	31.10	Sep 23 1945
INSTANTANEOUS PEAK STAGE			19.44	Mar 7		
10 PERCENT EXCEEDS	748		714		1830	
50 PERCENT EXCEEDS	653		644		542	
90 PERCENT EXCEEDS	600		607		482	

* 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
02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

273

LOCATION.--Lat 33°25'26", long 79°51'40", Berkeley County, Hydrologic Unit 03050112, on right bank, 3.2 mi downstream from St. Stephens Powerhouse, 0.8 mi upstream from Santee River, and 3.0 mi west of St. Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

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

REMARKS.--Estimated daily discharges Oct. 1 - 22, Dec. 4 to Jan. 31, May 18 - 20, Aug. 31 to Sept. 24. Records poor. Discharge records for the 1987 - 97 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Two auxiliary stations (sta. 02171560 and 02171700) are used with this station for computation of discharge. Flow is regulated by the St. Stephens Powerhouse and affected by tide during low-flow periods. Water is diverted above station from Lake Moultrie for generation of power and for navigation, then discharged into the West Branch Cooper River (see station 02172002). During periods of incomplete gage-height record, values of daily mean discharge from St. Stephens Powerhouse were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges. 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14100	28	128	14800	4000	22200	16500	19600	3830	9370	11100	5000
2	18700	36	4690	16600	6460	22200	13000	19200	6130	8940	14300	1500
3	19900	33	9420	14100	2710	22100	10000	20500	3470	6940	14100	0
4	15500	38	13000	13400	7410	22400	13200	18200	4740	6670	14200	0
5	12500	47	13900	13700	2870	22000	10900	19100	4100	6400	18000	0
6	11000	58	14800	11500	6440	21700	10100	19300	6790	9760	17900	0
7	16000	56	13600	6860	4950	21400	11900	16200	6720	5280	12100	0
8	22800	50	15800	6020	8820	21000	10100	14800	4090	4270	10400	0
9	22900	1	15000	3560	7720	20900	9960	14100	6020	5480	8350	0
10	21600	6	16200	4580	9190	21200	11400	13400	5990	7470	10000	0
11	15300	52	13400	14200	7240	21600	11800	14300	4320	4230	10800	0
12	13100	67	13400	18400	4070	21800	10800	14400	6340	5750	8440	1250
13	13300	69	14500	10900	12400	21900	12400	19400	4840	7090	8650	0
14	14800	65	14400	8900	15400	22300	13500	18800	3420	8050	8910	0
15	16200	62	13500	5730	12800	22200	13900	14200	647	8500	6920	0
16	16700	417	14300	1480	19700	22300	15100	13000	5260	8990	7170	0
17	14000	55	12100	13500	21200	22200	13400	13000	6500	7410	6480	0
18	9630	66	12200	12100	22100	22200	15500	13100	8960	6920	8080	0
19	0	61	15600	2730	21300	20000	12300	14400	13000	8480	1160	0
20	1030	61	16800	7390	21600	21700	11800	11800	13300	8050	94	0
21	968	57	17800	7600	21800	22000	10200	9430	10200	9440	18	0
22	274	5000	13000	12900	22000	22100	12500	8700	8720	7710	16	0
23	518	2360	18800	10000	21700	22100	9850	6710	9800	1580	16	0
24	463	104	20800	6940	22100	21600	9370	5250	10600	5600	14	0
25	680	853	21200	14100	22100	20700	9640	3080	10100	1880	6	20
26	392	74	20400	11000	22100	20600	9510	4120	9970	1010	12	-12
27	0	5460	21300	8820	22100	20400	7250	7810	10300	3900	-3	7
28	525	2860	21700	10200	22100	20600	7430	4470	10000	8560	1530	0
29	65	288	14700	13100	---	21000	10900	2280	9890	7050	348	-10
30	922	1130	15200	13100	---	21100	17000	5020	10100	669	19	16
31	96	---	11400	6570	---	20700	---	3710	---	8320	0	---
TOTAL	293963	19514	453038	314780	394380	668200	351210	381380	218147	199769	199130	7771
MEAN	9483	650	14610	10150	14090	21550	11710	12300	7272	6444	6424	259
MAX	22900	5460	21700	18400	22100	22400	17000	20500	13300	9760	18000	5000
MIN	0	1	128	1480	2710	20000	7250	2280	647	669	-3	-12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1997, BY WATER YEAR (WY)

MEAN	8170	8286	13840	14930	14760	17910	13270	8305	5339	4561	6703	5784
MAX	16820	21590	24130	22340	22580	23900	22780	23930	15030	13960	23380	13080
(WY)	1996	1996	1993	1991	1987	1987	1991	1991	1992	1989	1991	1995
MIN	30.2	650	5346	2206	2744	2621	1225	192	18.8	1.00	40.9	259
(WY)	1994	1997	1989	1989	1989	1988	1988	1988	1988	1988	1988	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1987 - 1997

ANNUAL TOTAL	3767211	3501282	
ANNUAL MEAN	10290	9593	
HIGHEST ANNUAL MEAN			10140
LOWEST ANNUAL MEAN			14610
HIGHEST DAILY MEAN	23600	Jan 30	31200
LOWEST DAILY MEAN	0	Jul 13	-155
ANNUAL SEVEN-DAY MINIMUM	.00	Jul 27	.00
10 PERCENT EXCEEDS	22600		22800
50 PERCENT EXCEEDS	8910		8850
90 PERCENT EXCEEDS	58		27

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 current year.

REMARKS.--At times of high water, samples are collected at U. S. Highway 17A bridge, approximately 10 miles downstream from gage.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TUR- BID- ITY (NTU) (00076)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00310)
OCT									
30...	1225	21.5	765	8.2	40	118	7.6	86	0.3
NOV									
20...	1105	14.0	756	1.0	40	125	8.9	87	1.3
DEC									
18...	1050	11.0	764	1.4	40	132	7.6	69	0.3
JAN									
21...	1355	7.0	766	1.8	60	136	9.8	80	0.9
FEB									
18...	1410	9.5	777	8.5	30	133	10.8	93	2.5
MAR									
12...	1145	17.5	766	7.5	60	104	7.8	81	2.4
APR									
22...	1230	19.0	750	6.4	30	99	8.3	91	0.9
MAY									
19...	0955	22.0	760	0.95	30	92	6.5	75	0.8
JUN									
18...	1250	27.0	763	7.1	20	79	7.6	95	1.1
JUL									
23...	1105	30.0	762	8.2	10	93	5.8	77	0.4
AUG									
26...	1020	27.5	760	7.5	50	126	7.6	96	0.9
SEP									
17...	1025	27.0	760	5.8	30	134	6.8	85	0.7

DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT									
30...	6.2	9.1	1200	390	210	190	3	3	80
NOV									
20...	7.2	12	960	470	120	110	3	3	67
DEC									
18...	6.3	6.8	480	210	22	16	4	4	90
JAN									
21...	5.9	12	340	180	30	13	6	8	87
FEB									
18...	5.7	10	380	170	18	4.7	10	9	89
MAR									
12...	5.8	15	360	210	15	6.3	5	7	63
APR									
22...	7.4	10	400	250	24	13	5	9	84
MAY									
19...	6.3	7.9	390	130	28	13	4	7	79
JUN									
18...	6.3	<1.0	390	90	34	8.7	8	9	46
JUL									
23...	6.4	2.9	350	70	46	7.5	5	6	80
AUG									
26...	6.2	3.0	1300	340	300	250	9	8	92
SEP									
17...	7.1	4.4	610	200	100	78	5	5	92

SANTEE RIVER BASIN
02171700 SANTEE RIVER NEAR JAMESTOWN, SC

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LOCATION.--Lat 33°18'17". long 79°40'42", Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.1 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Discharge records are available for the period October 1986 to current year. Gage height records are available for the periods January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Data collection platform. Datum of gage is sea level (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, non-recording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Estimated daily discharges, Oct. 1 - 22, Dec. 4 to Jan. 31, May 18 - 20, Aug. 31 to Sept. 23. Records poor. Discharge records for 1987 - 97 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH). Two auxiliary stations (sta. 02171560 and 02171645) are used in conjunction with this station for computation of discharge. Discharge affected by regulation from Lake Marion (see sta 02171000) and redirection from St. Stephens powerplant (see sta 02171645), and by tide during low-flow periods.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15000	1190	1970	15800	4830	23800	22100	19400	3930	10500	10800	5760
2	20000	1140	2070	17600	7220	23700	17500	20000	6380	10100	14800	2490
3	21000	995	7250	15100	5440	23700	14300	20000	5060	9760	15100	1000
4	16500	1070	14000	14400	5690	23700	13200	19800	5200	7870	15200	1000
5	13500	1080	14900	14700	6570	23600	13400	19900	4730	7970	17600	1000
6	12000	1050	15800	12500	4560	23800	11400	19700	7320	8890	19300	1000
7	17000	995	14600	7860	7140	24400	12100	20000	7760	8860	16300	1000
8	24000	1160	16800	7020	7460	24500	11700	16000	5830	6080	13700	1000
9	24000	1110	16000	4560	8210	24700	11200	16200	6490	5640	10500	1000
10	22500	1100	17200	5580	8700	25100	11600	14600	7430	6960	10800	1000
11	16500	1080	14400	15200	8820	25200	13200	14900	6450	7200	11800	1000
12	14000	1100	14400	19400	7090	25000	11500	15800	6800	5910	11400	1000
13	14500	1090	15500	11900	8340	24600	13000	19600	7050	6890	9820	2250
14	16000	1080	15400	9900	14700	24000	14700	21800	5160	8140	10000	1000
15	17500	1050	14500	6730	14100	24100	13600	18500	4300	9120	9370	1000
16	17500	1190	15300	2480	18000	24200	16200	17100	3470	10300	8360	1000
17	15000	1230	13100	14500	20600	24000	15200	16600	6630	8810	7780	1000
18	11000	1080	13200	13100	21800	23900	14800	14100	7950	9130	8140	1000
19	1000	1070	16600	3730	22200	23600	16200	15400	12900	8310	6610	1000
20	2000	987	17800	8390	22300	22500	12300	12800	14100	9130	2420	1000
21	2960	1050	18800	8600	22900	23000	12300	12400	13500	9510	1380	1000
22	2040	2580	14000	13900	23700	23200	12900	11400	10800	9700	1100	1000
23	1950	5330	14800	11000	24400	23300	12400	7410	10100	6690	995	1000
24	1480	2180	21800	7940	24600	23300	10500	7790	11500	4350	990	1210
25	1180	1300	22200	15100	24700	22900	10400	4870	11700	4980	963	1000
26	1110	1800	21400	12000	24500	22200	11000	5300	11000	2700	978	959
27	1140	2550	22300	9820	24300	22100	9020	5420	11600	3250	980	931
28	1200	5640	22700	11200	24000	21900	8180	7570	11000	6100	1590	1100
29	1360	3370	15700	14100	---	22000	10400	5130	12000	8980	1850	1090
30	1170	1490	16200	14100	---	22300	15200	4480	11400	5420	1200	1120
31	1870	---	12400	7570	---	22200	---	5340	---	4880	1000	---
TOTAL	327960	49137	473090	345780	416870	730500	391500	429310	249540	232130	242826	37910
MEAN	10580	1638	15260	11150	14890	23560	13050	13850	8318	7488	7833	1264
MAX	24000	5640	22700	19400	24700	25200	22100	21800	14100	10500	19300	5760
MIN	1000	987	1970	2480	4560	21900	8180	4480	3470	2700	963	931

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1997, BY WATER YEAR (WY)

MEAN	11290	9453	15060	15330	14370	22140	14380	9266	6243	5459	8565	7646
MAX	34380	22410	27870	24130	24750	40770	26130	26770	16220	14930	25120	16260
(WY)	1991	1996	1993	1991	1996	1987	1991	1991	1992	1989	1991	1995
MIN	868	1638	5333	3082	3238	3566	2067	1067	843	853	937	1264
(WY)	1994	1997	1989	1989	1989	1988	1988	1988	1988	1988	1988	1997

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1987 - 1997
ANNUAL TOTAL	4190203	3926553	
ANNUAL MEAN	11450	10760	11570
HIGHEST ANNUAL MEAN			17880
LOWEST ANNUAL MEAN			4081
HIGHEST DAILY MEAN	26300	25200	89500
LOWEST DAILY MEAN	785	931	460
ANNUAL SEVEN-DAY MINIMUM	991	1000	515
INSTANTANEOUS PEAK STAGE		14.55	32.00
10 PERCENT EXCEEDS	24300	22500	24800
50 PERCENT EXCEEDS	9670	10400	8980
90 PERCENT EXCEEDS	1140	1060	945

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, near left bank at Hopsewee Plantation, 0.1 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

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.--Water-stage recorder. Datum of gage is 3.47 ft below sea level (National Ocean 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, 10.53 ft, Jan. 20, 1993; minimum gage height, 0.67 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.66 ft, Oct. 8; minimum gage height, 1.56 ft, Nov. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.17	3.50	5.42	6.27	2.90	4.52	6.58	2.98	4.68	6.94	4.92	5.88
2	6.99	3.45	5.27	5.54	2.50	4.04	5.58	2.13	3.86	6.73	4.41	5.64
3	6.86	3.61	5.33	6.49	3.31	4.84	6.21	3.13	4.61	6.65	3.78	5.19
4	7.25	4.53	5.99	6.28	3.32	4.92	6.20	3.34	4.88	6.49	3.77	5.15
5	7.05	4.66	5.99	6.31	3.05	4.79	6.70	3.46	5.33	6.88	3.65	5.24
6	7.30	4.94	6.26	6.32	2.94	4.79	6.27	3.09	4.68	6.81	3.46	5.19
7	7.79	5.37	6.70	6.65	2.93	5.07	6.95	3.12	5.13	7.30	3.55	5.54
8	8.66	5.47	7.03	6.97	2.73	5.00	7.22	3.15	5.45	7.57	3.61	5.78
9	7.15	5.20	6.26	6.23	1.78	4.15	7.03	3.16	5.16	8.10	4.10	6.08
10	7.17	4.90	6.18	6.61	2.05	4.41	7.60	3.43	5.73	6.84	2.61	4.63
11	7.48	5.14	6.42	6.78	2.08	4.51	7.41	3.76	5.61	6.63	1.95	4.26
12	7.70	5.56	6.70	6.78	2.15	4.46	7.46	3.57	5.55	7.17	2.52	4.79
13	7.72	5.65	6.67	6.86	2.15	4.53	7.41	3.72	5.59	6.98	3.10	4.99
14	7.50	5.17	6.30	6.82	2.29	4.57	7.62	3.85	5.78	6.71	3.36	5.03
15	7.23	4.57	5.92	6.98	2.51	4.83	7.76	4.28	6.09	6.87	3.72	5.31
16	7.49	4.66	6.07	7.23	3.07	5.26	7.72	4.86	6.33	7.30	2.33	5.00
17	7.31	4.53	5.93	6.92	2.96	5.02	7.53	4.56	6.24	6.03	2.52	4.24
18	7.27	4.45	5.86	6.72	2.75	4.76	7.26	3.97	5.73	6.36	2.50	4.32
19	7.33	4.09	5.55	6.68	2.72	4.83	7.01	3.02	5.28	6.62	2.38	4.73
20	7.15	3.69	5.57	7.04	3.15	5.34	6.28	2.92	4.72	6.40	2.70	4.39
21	7.22	3.33	5.37	7.21	2.95	5.43	7.00	3.38	5.32	6.43	2.25	4.42
22	7.07	3.14	5.35	6.86	2.70	4.92	6.97	3.78	5.34	6.73	2.82	4.73
23	6.94	2.89	5.14	7.39	3.04	5.40	6.89	3.66	5.21	6.27	2.64	4.34
24	6.74	2.52	4.77	6.95	2.63	4.76	6.85	3.66	5.17	6.75	2.70	4.76
25	6.86	2.47	4.83	6.66	2.26	4.48	6.56	3.47	5.04	6.69	2.87	4.70
26	7.04	2.54	4.96	6.17	1.68	3.85	7.22	4.00	5.64	6.61	2.69	4.70
27	7.10	2.69	5.02	6.27	1.56	4.06	6.87	4.24	5.45	6.94	3.52	5.18
28	6.97	2.66	4.83	6.87	2.67	4.69	6.96	4.31	5.61	6.32	2.95	4.65
29	6.93	2.53	4.97	6.63	2.64	4.60	6.85	4.75	5.75	6.55	3.46	4.99
30	6.97	3.04	4.97	6.60	2.88	4.75	6.63	4.72	5.61	6.80	3.64	5.28
31	6.40	2.33	4.40	---	---	---	6.45	4.50	5.47	6.46	3.35	4.88
MONTH	8.66	2.33	5.68	7.39	1.56	4.72	7.76	2.13	5.36	8.10	1.95	4.97

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	6.11	3.04	4.56	6.72	5.35	6.00	6.52	4.49	5.44	7.04	3.52	5.44
2	6.40	3.00	4.70	6.89	5.25	6.01	7.45	5.09	6.45	7.27	3.53	5.56
3	6.85	2.62	4.90	6.87	5.20	6.04	7.27	5.08	6.26	7.22	4.24	5.80
4	7.06	2.62	5.22	6.95	5.24	6.15	7.34	4.71	6.08	7.27	3.91	5.49
5	7.23	2.91	5.01	7.54	5.42	6.57	7.30	4.15	5.80	7.50	4.47	5.95
6	6.97	2.19	4.96	7.35	5.32	6.28	7.50	4.01	5.79	7.25	4.38	5.82
7	7.47	2.77	5.44	7.52	5.16	6.42	7.44	3.61	5.61	7.62	4.48	5.86
8	7.58	3.03	5.32	7.59	5.40	6.52	7.71	3.60	5.67	7.49	4.51	5.99
9	7.31	2.52	5.06	7.93	5.52	6.62	7.49	3.56	5.66	7.01	4.04	5.59
10	7.38	3.16	5.41	7.67	6.03	6.90	7.44	3.77	5.65	6.88	3.80	5.24
11	7.29	3.51	5.50	8.02	6.10	6.96	7.46	3.69	5.60	6.84	3.97	5.37
12	7.17	3.16	5.18	8.01	6.44	7.24	7.28	3.70	5.57	6.71	3.82	5.13
13	7.18	3.24	5.54	8.05	6.42	7.19	6.88	3.40	5.07	6.67	3.86	5.14
14	7.69	3.38	5.53	8.07	6.15	7.09	6.44	3.46	4.96	6.24	3.83	5.07
15	6.86	3.37	4.99	7.34	5.78	6.52	6.65	4.12	5.47	6.28	3.94	5.14
16	6.61	3.68	5.15	7.14	5.75	6.48	6.67	4.10	5.46	6.36	3.86	4.96
17	6.59	3.68	5.18	7.14	5.66	6.39	6.53	3.79	5.18	6.24	3.74	5.03
18	6.72	3.94	5.37	7.01	5.64	6.30	6.48	3.48	4.92	6.27	3.50	4.85
19	6.68	4.03	5.39	6.96	5.53	6.20	6.86	3.55	5.18	6.47	3.35	4.83
20	6.63	4.17	5.45	7.27	5.49	6.52	7.37	3.96	5.66	6.61	3.16	4.78
21	6.86	4.52	5.75	7.37	5.75	6.59	7.27	4.27	5.90	7.51	3.42	5.21
22	6.64	4.73	5.61	7.37	5.66	6.50	7.36	3.54	5.45	7.52	3.78	5.66
23	6.93	4.70	5.87	7.52	5.54	6.65	7.27	3.84	5.68	7.36	3.25	5.41
24	7.01	5.26	6.14	7.58	5.68	6.58	7.46	3.47	5.43	7.24	2.99	5.14
25	7.22	5.52	6.31	7.39	5.62	6.59	7.31	3.63	5.57	6.93	2.55	4.85
26	7.29	5.84	6.54	7.21	5.16	6.12	7.55	3.82	5.53	6.86	2.18	4.43
27	7.08	5.54	6.25	7.18	5.17	6.09	7.56	4.22	5.94	7.25	3.06	5.13
28	6.85	5.42	6.07	7.18	5.16	6.10	7.50	3.63	5.53	7.71	3.90	5.88
29	---	---	---	7.02	4.82	5.80	6.84	3.31	5.04	7.40	3.41	5.57
30	---	---	---	6.51	4.82	5.71	7.26	3.92	5.61	6.90	2.82	5.06
31	---	---	---	7.05	4.45	5.58	---	---	---	6.95	2.90	5.17
MONTH	7.69	2.19	5.44	8.07	4.45	6.41	7.71	3.31	5.57	7.71	2.18	5.31
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	6.91	2.57	5.00	7.64	3.93	5.91	7.56	3.81</				

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, 12.84 ft, Feb. 26, 1995; minimum gage height, 5.17 ft, July 26, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.77 ft, Oct. 8; minimum gage height, 5.38 ft, Jan. 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.31	6.99	9.23	10.68	6.84	8.63	10.86	6.93	8.81	10.96	7.64	9.23
2	11.10	6.84	9.02	9.89	6.57	8.19	9.87	6.08	8.00	10.71	7.26	9.03
3	10.98	6.96	9.07	10.80	7.22	8.96	10.44	6.84	8.59	10.71	6.68	8.58
4	11.34	7.84	9.68	10.58	7.18	9.02	10.35	6.85	8.70	10.52	6.68	8.59
5	11.13	7.85	9.65	10.66	6.98	8.91	10.88	6.88	9.14	10.98	6.45	8.71
6	11.39	8.07	9.95	10.68	6.85	8.93	10.40	6.42	8.41	10.89	6.29	8.63
7	11.87	8.52	10.48	11.05	6.87	9.25	11.08	6.47	8.86	11.37	6.37	9.02
8	12.77	8.13	10.57	11.37	6.34	9.14	11.35	6.31	9.13	11.66	6.41	9.33
9	11.21	7.99	9.74	10.77	5.74	8.30	11.14	6.20	8.73	12.21	7.10	9.74
10	11.17	7.48	9.56	11.09	5.94	8.57	11.71	6.44	9.37	10.99	5.91	8.30
11	11.47	7.55	9.73	11.23	5.96	8.66	11.52	6.67	9.16	10.81	5.38	8.02
12	11.67	7.93	9.99	11.21	6.01	8.61	11.55	6.45	9.07	11.27	5.88	8.46
13	11.69	8.00	9.95	11.31	6.02	8.69	11.50	6.55	9.10	11.05	6.29	8.57
14	11.52	7.64	9.57	11.33	6.12	8.76	11.69	6.71	9.31	10.86	6.47	8.62
15	11.29	7.05	9.25	11.38	6.36	8.93	11.84	7.22	9.68	10.98	6.85	8.96
16	11.57	7.37	9.50	11.60	6.89	9.38	11.80	7.83	9.95	11.42	5.70	8.69
17	11.41	7.26	9.36	11.29	6.81	9.15	11.63	7.48	9.83	10.20	6.14	8.07
18	11.36	7.21	9.28	11.17	6.63	8.92	11.36	6.88	9.26	10.43	5.85	8.07
19	11.41	6.97	8.99	11.15	6.59	9.00	11.14	5.91	8.78	10.74	5.76	8.47
20	11.29	7.05	9.25	11.46	6.99	9.55	10.37	5.83	8.19	10.53	6.30	8.26
21	11.39	6.92	9.26	11.65	6.99	9.63	11.06	6.34	8.82	10.59	5.87	8.25
22	11.41	6.90	9.39	11.20	6.43	8.97	11.06	6.65	8.80	10.88	6.27	8.52
23	11.31	6.69	9.24	11.62	6.71	9.35	10.98	6.47	8.62	10.40	6.04	8.07
24	11.22	6.31	8.89	11.28	6.30	8.80	10.95	6.47	8.57	10.87	6.08	8.52
25	11.30	6.22	8.96	11.16	6.05	8.61	10.65	6.17	8.36	10.78	6.31	8.48
26	11.47	6.28	9.09	10.59	5.52	7.94	11.28	6.74	9.00	10.71	6.11	8.46
27	11.53	6.42	9.16	10.83	5.42	8.13	10.94	6.75	8.65	11.04	6.87	8.93
28	11.41	6.45	8.96	11.03	6.31	8.59	11.02	6.82	8.80	10.46	6.34	8.38
29	11.36	6.36	9.10	10.93	6.37	8.57	10.81	7.20	8.87	10.74	6.88	8.75
30	11.37	6.91	9.09	10.98	6.76	8.87	10.57	7.05	8.64	10.89	6.95	9.00
31	10.81	6.23	8.51	---	---	---	10.32	7.04	8.57	10.52	6.75	8.58
MONTH	12.77	6.22	9.40	11.65	5.42	8.83	11.84	5.83	8.90	12.21	5.38	8.62

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.17	6.54	8.29	10.27	7.00	8.46	10.27	6.31	8.23	11.19	6.69	9.10
2	10.47	6.61	8.53	10.45	6.90	8.53	11.40	7.36	9.65	11.35	6.79	9.17
3	10.97	6.39	8.81	10.43	6.89	8.65	11.20	7.17	9.40	11.33	6.98	9.31
4	11.29	6.47	9.21	10.58	7.01	8.88	11.36	7.07	9.36	11.34	6.33	8.79
5	11.41	6.48	8.90	11.42	7.33	9.51	11.39	6.74	9.22	11.56	6.80	9.23
6	11.25	5.78	8.95	11.20	6.72	8.93	11.57	6.77	9.31	11.36	6.60	9.00
7	11.67	6.32	9.35	11.39	6.64	9.24	11.50	6.54	9.15	11.67	6.72	9.03
8	11.78	6.50	9.13	11.46	6.94	9.30	11.80	6.53	9.30	11.54	6.83	9.24
9	11.49	5.95	8.91	11.70	6.92	9.29	11.56	6.65	9.28	10.80	6.58	8.83
10	11.55	6.54	9.22	11.34	7.41	9.51	11.55	6.98	9.33	10.94	6.48	8.53
11	11.35	6.86	9.30	11.70	7.46	9.51	11.47	6.93	9.27	10.83	6.86	8.84
12	11.29	6.67	9.00	11.69	8.11	9.98	11.40	6.91	9.25	10.80	6.79	8.65
13	11.34	6.83	9.48	11.69	8.32	9.99	11.00	6.73	8.70	10.77	6.87	8.67
14	11.81	6.73	9.25	11.81	7.82	9.74	10.51	6.77	8.65	10.25	6.88	8.60
15	10.95	6.66	8.66	10.81	7.37	8.90	10.77	7.42	9.18	10.31	6.80	8.53
16	10.69	6.94	8.82	10.60	7.55	9.01	10.81	7.37	9.16	10.42	6.67	8.29
17	10.69	7.00	8.80	10.63	7.48	9.03	10.59	6.71	8.82	10.29	6.44	8.37
18	10.83	7.04	8.89	10.51	7.32	8.98	10.58	6.56	8.53	10.33	6.25	8.21
19	10.80	6.86	8.76	10.48	7.33	8.89	10.95	6.78	8.88	10.56	6.22	8.25
20	10.69	6.71	8.64	11.02	7.24	9.43	11.46	7.03	9.38	10.73	5.99	8.21
21	10.87	6.81	8.84	11.18	7.63	9.53	11.41	7.35	9.59	11.59	6.18	8.73
22	10.48	6.69	8.42	11.16	7.55	9.35	11.46	6.67	9.11	11.62	6.79	9.23
23	10.75	6.43	8.63	11.35	7.31	9.68	11.35	6.94	9.33	11.49	6.50	9.05
24	10.71	6.94	8.79	11.43	7.61	9.51	11.57	6.64	9.08	11.37	6.38	8.86
25	10.75	7.03	8.83	11.21	7.50	9.48	11.44	6.84	9.27	11.22	6.20	8.70
26	10.85	7.41	9.10	10.61	6.79	8.74	11.69	7.05	9.26	10.95	5.96	8.34
27	10.27	6.95	8.60	11.02	6.92	8.90	11.69	7.59	9.75	11.58	6.55	9.06
28	10.27	6.93	8.45	10.87	7.08	8.92	11.66	6.92	9.28	11.88	7.42	9.71
29	---	---	---	10.63	6.70	8.47	10.96	6.63	8.77	11.58	7.04	9.46
30	---	---	---	10.78	6.72	8.55	11.37	7.21	9.34	11.09	6.50	9.01
31	---	---	---	10.91	6.22	8.00	---	---	---	11.23	6.53	9.11
MONTH	11.81	5.78	8.88	11.81	6.22	9.13	11.80	6.31	9.16	11.88	5.96	8.84
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN

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 gage-height record, Sept. 21 - 22, 1989; minimum gage height, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.68 ft, Oct. 8; minimum gage height, 17.92 ft, Jan. 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.08	19.73	21.93	23.47	19.66	21.40	23.65	19.69	21.55	23.68	20.23	21.89
2	23.87	19.56	21.73	22.64	19.36	20.97	22.60	18.89	20.78	23.48	19.87	21.69
3	23.73	19.71	21.79	23.54	20.05	21.74	23.11	19.59	21.31	23.43	19.26	21.22
4	24.12	20.57	22.39	23.33	20.00	21.78	23.04	19.57	21.41	23.21	19.25	21.23
5	23.92	20.59	22.37	23.39	19.78	21.66	23.60	19.58	21.83	23.69	18.89	21.32
6	24.17	20.81	22.67	23.40	19.65	21.68	23.07	19.10	21.08	23.58	18.84	21.24
7	24.71	21.23	23.21	23.79	19.80	22.00	23.77	19.12	21.52	24.16	18.93	21.64
8	25.68	20.44	23.10	24.13	18.93	21.86	24.14	18.92	21.79	24.48	18.95	21.94
9	23.96	20.38	22.33	23.49	18.54	21.09	23.93	18.83	21.40	25.11	19.64	22.33
10	23.94	19.89	22.14	23.83	18.74	21.32	24.54	19.02	21.99	23.75	18.43	20.90
11	24.24	19.99	22.32	24.01	18.75	21.42	24.31	19.23	21.75	23.55	17.92	20.65
12	24.47	20.36	22.55	23.98	18.80	21.35	24.35	18.95	21.65	24.01	18.42	21.08
13	24.50	20.38	22.49	24.09	18.81	21.43	24.31	19.05	21.70	23.75	18.82	21.16
14	24.30	20.00	22.11	24.12	18.91	21.50	24.54	19.27	21.92	23.53	19.00	21.20
15	24.06	19.48	21.82	24.15	19.16	21.67	24.69	19.81	22.30	23.68	19.44	21.57
16	24.35	19.93	22.10	24.40	19.68	22.10	24.64	20.40	22.55	24.19	18.32	21.25
17	24.17	19.80	21.97	24.05	19.59	21.86	24.42	20.05	22.43	22.90	18.88	20.78
18	24.12	19.76	21.90	23.90	19.42	21.65	24.15	19.46	21.87	23.13	18.29	20.68
19	24.23	19.60	21.67	23.88	19.36	21.74	23.88	18.27	21.37	23.41	18.32	21.13
20	24.09	19.73	21.92	24.22	19.77	22.26	23.02	18.27	20.79	23.23	18.80	20.92
21	24.19	19.68	21.96	24.44	19.68	22.32	23.80	18.84	21.41	23.27	18.51	20.90
22	24.24	19.60	22.09	23.96	19.29	21.72	23.78	19.13	21.39	23.59	18.87	21.16
23	24.13	19.43	21.96	24.40	19.49	22.04	23.68	18.94	21.19	23.07	18.60	20.69
24	24.03	19.07	21.63	24.06	19.04	21.51	23.65	18.94	21.14	23.55	18.64	21.16
25	24.11	18.97	21.70	23.94	18.80	21.33	23.30	18.63	20.94	23.49	18.92	21.13
26	24.31	19.04	21.83	23.33	18.28	20.69	24.04	19.29	21.60	23.39	18.73	21.10
27	24.37	19.18	21.89	23.59	18.20	20.89	23.65	19.22	21.22	23.75	19.49	21.57
28	24.24	19.21	21.69	23.77	19.07	21.30	23.71	19.32	21.39	23.14	18.94	21.01
29	24.15	19.15	21.85	23.68	19.13	21.30	23.51	19.73	21.48	23.51	19.53	21.44
30	24.20	19.72	21.81	23.72	19.54	21.60	23.23	19.56	21.24	23.66	19.63	21.68
31	23.55	19.02	21.27	---	---	---	22.99	19.61	21.19	23.27	19.40	21.25
MONTH	25.68	18.97	22.07	24.44	18.20	21.57	24.69	18.27	21.52	25.11	17.92	21.26

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	22.90	19.21	20.94	22.89	19.47	21.02	23.02	18.80	20.88	23.94	19.27	21.69
2	23.16	19.30	21.20	23.16	19.36	21.10	24.20	19.89	22.20	24.11	19.31	21.77
3	23.70	19.12	21.48	23.16	19.36	21.23	23.96	19.65	21.99	24.09	19.40	21.90
4	24.11	19.30	21.90	23.32	19.48	21.46	24.14	19.56	21.96	24.12	18.75	21.37
5	24.21	19.13	21.56	24.18	19.67	22.08	24.16	19.24	21.81	24.37	19.20	21.80
6	24.08	18.45	21.66	23.94	19.06	21.48	24.38	19.27	21.90	24.12	18.99	21.55
7	24.54	19.01	22.02	24.17	18.97	21.77	24.33	19.13	21.76	24.49	19.12	21.60
8	24.63	19.16	21.77	24.24	19.27	21.79	24.65	19.05	21.92	24.34	19.27	21.79
9	24.30	18.57	21.57	24.49	19.12	21.77	24.39	19.22	21.88	23.52	19.08	21.40
10	24.36	19.17	21.86	24.11	19.43	21.93	24.37	19.58	21.97	23.68	19.02	21.17
11	24.14	19.46	21.91	24.49	19.50	21.94	24.18	19.53	21.88	23.57	19.46	21.49
12	24.05	19.31	21.63	24.47	20.14	22.38	24.14	19.54	21.87	23.50	19.41	21.31
13	24.13	19.50	22.16	24.50	20.42	22.37	23.72	19.39	21.37	23.49	19.51	21.33
14	24.68	19.33	21.86	24.59	19.90	22.12	23.21	19.47	21.34	22.92	19.52	21.27
15	23.71	19.26	21.29	23.50	19.55	21.37	23.47	20.11	21.87	23.02	19.41	21.19
16	23.42	19.53	21.44	23.31	19.96	21.56	23.55	20.07	21.84	23.09	19.26	20.94
17	23.38	19.53	21.40	23.38	19.96	21.59	23.35	19.37	21.51	22.95	19.04	21.02
18	23.55	19.55	21.49	23.24	19.75	21.55	23.31	19.33	21.27	23.00	18.82	20.85
19	23.50	19.36	21.35	23.19	19.70	21.49	23.71	19.47	21.56	23.25	18.78	20.89
20	23.34	19.19	21.22	23.76	19.68	22.05	24.25	19.67	22.06	23.45	18.57	20.85
21	23.53	19.31	21.41	23.93	20.13	22.12	24.18	19.99	22.25	24.41	18.75	21.38
22	23.15	19.11	20.97	23.93	20.01	21.94	24.25	19.31	21.77	24.45	19.39	21.88
23	23.43	18.82	21.20	24.12	19.74	22.28	24.20	19.57	22.01	24.30	19.14	21.69
24	23.42	19.39	21.35	24.20	20.01	22.08	24.38	19.29	21.76	24.16	19.03	21.52
25	23.49	19.45	21.39	23.95	19.84	22.01	24.24	19.52	21.92	24.03	18.93	21.38
26	23.58	19.81	21.65	23.28	19.12	21.25	24.52	19.70	21.93	23.69	18.71	21.04
27	22.91	19.30	21.13	23.76	19.32	21.47	24.47	20.24	22.39	24.52	19.25	21.78
28	22.91	19.35	20.99	23.58	19.52	21.49	24.47	19.48	21.88	24.71	20.14	22.36
29	---	---	---	23.24	19.12	21.04	23.71	19.25	21.41	24.39	19.80	22.13
30	---	---	---	23.56	19.18	21.15	24.15	19.83	21.96	23.87	19.23	21.71
31	---	---	---	23.70	18.65	20.62	---	---	---			

COOPER 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, 32,440,000,000 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, 75.43 ft., Aug. 4; minimum elevation, 71.18 ft., Jan. 13, 14.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.83	73.52	74.91	72.08	73.02	74.88	74.41	73.90	74.93	75.07	75.27	74.22
2	74.57	73.65	74.99	71.85	73.28	74.87	74.36	73.73	74.90	74.98	75.23	74.24
3	74.24	73.67	74.88	71.70	73.56	74.86	74.37	73.79	74.98	75.02	75.27	74.28
4	74.14	73.66	74.68	71.60	73.65	74.84	74.36	73.88	74.92	74.91	75.21	74.26
5	74.11	73.66	74.58	71.56	73.74	74.83	74.35	74.10	74.84	75.07	75.27	74.11
6	74.22	73.68	74.51	71.47	73.85	74.92	74.48	74.29	75.08	74.89	75.11	74.16
7	74.34	73.68	74.60	71.41	73.79	74.97	74.55	74.45	75.07	75.03	75.16	74.10
8	74.20	73.85	74.57	71.53	73.81	75.06	74.55	74.73	75.05	75.01	75.09	74.00
9	73.81	73.90	74.56	71.61	73.86	75.15	74.59	74.95	75.06	74.90	75.20	73.96
10	73.58	73.90	74.42	71.57	73.86	75.21	74.59	75.21	75.05	74.79	75.09	73.98
11	73.59	73.96	74.41	71.64	73.95	75.29	74.46	75.33	75.05	74.81	74.86	74.01
12	73.65	73.99	74.39	71.38	74.12	75.31	74.65	75.41	75.02	74.74	74.81	74.05
13	73.90	74.00	74.36	71.18	74.31	75.21	74.67	75.33	74.96	74.61	74.69	73.97
14	73.81	74.29	74.26	71.23	74.28	75.27	74.60	75.20	75.05	74.41	74.51	73.99
15	73.74	74.39	74.16	71.47	74.32	75.17	74.50	75.17	75.14	74.26	74.53	74.13
16	73.50	74.46	74.06	72.05	74.26	75.09	74.35	75.19	75.17	74.25	74.52	74.19
17	73.36	74.52	74.00	72.08	74.18	74.98	74.30	75.19	75.16	74.35	74.47	74.18
18	73.44	74.59	74.09	71.90	74.09	74.94	74.30	75.21	75.11	74.42	74.33	74.20
19	73.59	74.61	74.13	72.10	74.08	74.95	74.27	75.19	75.03	74.24	74.48	74.13
20	73.61	74.62	73.93	72.34	74.19	74.86	74.33	75.10	74.88	74.18	74.53	74.13
21	73.63	74.68	73.64	72.35	74.32	74.83	74.30	75.09	74.90	73.94	74.59	74.07
22	73.64	74.68	73.58	72.30	74.58	74.82	74.22	75.07	75.09	73.94	74.61	74.07
23	73.61	74.63	73.52	72.32	74.77	74.79	74.15	75.04	74.99	74.00	74.66	74.04
24	73.62	74.70	73.36	72.47	74.86	74.71	74.10	74.99	74.91	73.97	74.63	74.13
25	73.59	74.76	73.20	72.63	74.96	74.56	73.98	75.01	74.87	74.11	74.60	74.23
26	73.60	74.89	72.94	72.53	75.01	74.49	73.91	75.13	75.02	74.23	74.54	74.32
27	73.63	74.88	72.59	72.57	75.01	74.41	73.97	75.12	75.01	74.21	74.57	74.49
28	73.60	74.76	72.35	72.66	74.98	74.37	74.29	75.04	75.17	74.12	74.44	74.66
29	73.59	74.73	72.28	72.68	---	74.30	74.27	75.03	75.13	74.41	74.34	74.75
30	73.53	74.75	72.30	72.68	---	74.26	74.13	74.95	75.06	75.05	74.46	74.84
31	73.50	---	72.23	72.72	---	74.86	---	74.92	---	75.21	74.42	---
MAX	74.83	74.89	74.99	72.72	75.01	75.31	74.67	75.41	75.17	75.21	75.27	74.84
MIN	73.36	73.52	72.23	71.18	73.02	74.26	73.91	73.73	74.84	73.94	74.33	73.99

[illegible]

COOPER RIVER BASIN
02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

283

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, 11.95 ft, Oct. 8; minimum gage height, 3.24 ft, Jan. 19.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.33	5.68	7.85	11.35	5.15	7.40	8.13	5.44	6.81	11.60	5.87	8.56
2	11.27	5.62	8.14	7.54	4.42	6.17	10.30	5.40	7.29	10.44	5.45	7.67
3	11.45	5.18	8.13	9.18	5.16	6.87	10.89	5.33	7.88	9.14	5.41	7.39
4	10.52	5.80	8.10	9.15	5.42	7.11	11.35	5.76	8.26	10.93	4.92	6.79
5	10.25	6.20	7.79	8.88	5.49	7.05	10.08	5.86	7.34	7.96	4.75	6.31
6	9.42	6.23	7.77	11.32	5.49	7.83	10.76	5.32	7.53	10.32	3.48	7.00
7	11.37	6.70	8.72	11.52	5.70	7.59	11.27	5.10	7.13	11.01	4.64	7.61
8	11.95	7.63	9.57	9.80	6.14	8.16	10.73	5.05	7.25	11.16	4.72	8.17
9	9.50	6.77	8.25	9.46	4.78	6.90	---	---	---	10.05	5.65	7.85
10	9.02	6.14	7.72	8.23	4.75	7.10	10.13	5.24	7.94	9.67	4.94	7.69
11	9.30	5.91	7.84	9.97	4.53	7.39	8.85	5.34	7.31	8.08	3.45	5.96
12	8.92	6.11	7.50	9.74	4.77	7.34	9.20	5.07	7.62	9.90	3.98	7.42
13	10.97	5.88	8.08	10.23	4.84	7.19	11.25	4.91	8.01	9.47	5.19	7.46
14	10.86	6.56	8.91	8.49	4.67	7.13	10.82	6.45	8.67	10.69	5.60	7.91
15	11.24	5.62	8.40	10.78	5.46	7.39	8.98	6.30	7.93	10.83	5.12	7.29
16	11.75	6.49	8.63	9.10	5.95	7.71	11.10	6.52	8.60	10.47	5.18	7.41
17	11.25	5.81	7.89	9.01	5.94	7.68	9.79	6.22	8.32	11.02	4.42	7.80
18	8.99	5.25	7.16	11.00	5.37	7.73	11.61	5.57	7.86	10.43	5.02	7.09
19	9.30	4.99	7.05	11.30	5.95	8.16	11.04	5.84	8.40	9.65	3.24	6.45
20	11.50	5.56	7.48	11.14	6.20	8.09	10.61	5.19	7.50	9.31	4.57	6.53
21	9.68	5.47	7.69	10.94	6.24	8.12	8.50	5.57	7.14	10.09	3.68	6.80
22	9.32	5.72	7.95	10.86	5.77	8.08	8.42	4.90	6.74	10.23	5.15	7.56
23	11.51	5.81	8.64	9.22	5.68	7.48	8.57	4.07	6.40	9.67	3.90	6.32
24	10.88	5.66	7.53	8.40	5.17	6.84	7.89	4.06	6.48	10.97	3.47	6.64
25	11.04	5.18	8.60	9.65	4.60	7.22	7.80	3.26	6.03	7.90	4.28	6.14
26	8.67	5.43	7.11	8.44	4.79	6.79	11.68	4.07	8.12	10.92	3.93	7.03
27	10.02	5.15	7.40	10.06	3.86	7.21	11.70	4.74	8.39	8.73	5.10	7.08
28	10.89	5.39	8.69	10.24	4.64	7.74	7.92	4.48	6.31	9.60	4.81	7.05
29	9.57	5.49	7.61	10.14	5.91	8.13	9.72	4.95	6.77	10.81	5.52	7.92
30	11.92	5.82	9.27	9.66	5.20	7.25	9.93	4.57	6.91	10.84	5.78	8.44
31	9.05	4.93	7.14	---	---	---	10.94	5.53	7.32	9.83	5.24	7.10
MONTH	11.95	4.93	8.02	11.52	3.86	7.43	11.70	3.26	7.48	11.60	3.24	7.24

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	7.91	4.38	6.53	10.18	4.96	7.17	9.13	3.25	6.11	10.35	5.92	8.15
2	7.48	4.38	6.12	7.63	3.98	6.04	9.59	4.94	7.41	9.14	5.32	7.94
3	10.20	4.35	6.83	10.96	4.52	7.51	9.91	5.52	8.09	10.42	5.70	7.89
4	10.72	4.82	7.65	9.25	4.40	6.94	11.40	5.66	8.26	9.96	5.07	7.23
5	9.52	5.39	7.46	11.16	5.19	7.64	9.30	5.50	7.65	9.78	4.84	6.95
6	11.53	4.44	7.83	10.67	4.77	7.03	8.86	5.15	7.22	9.35	5.17	7.82
7	11.30	6.03	8.59	10.25	4.16	7.76	10.82	5.12	7.81	9.47	4.96	7.26
8	11.12	5.75	7.84	8.36	4.84	6.70	8.63	5.32	7.22	9.07	5.30	7.68
9	10.87	4.41	7.96	9.01	4.16	6.67	8.72	5.56	7.23	10.04	4.88	7.50
10	8.70	5.67	7.43	10.20	5.28	7.37	9.37	6.50	7.87	9.36	4.19	6.52
11	9.47	5.72	7.68	9.92	4.64	6.95	9.87	6.22	8.45	7.99	5.06	6.90
12	10.42	5.26	7.78	10.72	5.48	8.04	10.10	5.66	7.55	9.38	5.39	7.54
13	10.61	6.20	8.11	10.76	7.04	8.91	8.25	4.77	6.65	9.40	5.20	7.34
14	11.57	5.55	8.46	11.29	6.79	9.08	9.13	5.37	7.47	9.23	4.53	7.00
15	8.30	4.55	6.64	10.30	4.58	7.09	9.99	5.53	7.94	9.57	5.37	7.56
16	11.10	4.43	7.18	10.63	5.00	7.58	9.88	6.28	7.74	9.13	4.10	6.72
17	9.11	4.97	6.81	10.84	5.41	7.49	10.40	5.91	8.09	7.28	3.86	5.95
18	11.52	5.07	7.46	10.77	5.11	6.75	8.73	4.85	6.58	9.07	4.06	6.73
19	11.63	4.87	7.54	10.51	5.00	7.50	7.89	4.54	6.26	9.21	4.20	6.84
20	11.43	4.49	8.16	11.05	4.82	8.14	9.62	4.99	7.06	8.51	4.57	6.95
21	10.30	4.81	7.79	9.31	5.46	7.28	9.32	5.59	7.78	8.75	4.31	6.59
22	11.06	4.77	7.03	9.78	5.11	7.14	9.99	5.66	7.77	9.04	5.38	7.55
23	10.07	3.26	6.34	11.41	5.06	7.20	9.95	5.48	7.47	9.85	5.54	8.28
24	9.51	4.65	6.71	10.09	5.59	7.80	10.24	5.99	8.26	9.80	5.56	7.55
25	9.18	4.50	6.92	11.51	5.91	8.42	9.28	6.30	8.06	8.58	5.33	7.27
26	8.61	5.66	7.38	9.20	5.25	7.65	8.69	5.70	7.48	9.80	4.98	7.35
27	8.39	5.20	7.13	9.93	4.84	6.82	9.01	5.99	7.91	9.32	4.90	7.24
28	10.32	5.78	7.97	11.12	5.05	7.79	9.20	6.15	8.14	10.05	6.35	8.20
29	---	---	---	8.40	4.80	6.75	9.25	5.28	7.33	9.66	6.18	7.99
30	---	---	---	7.36	3.85	5.81	10.08	5.73	8.00	10.33	6.42	8.59
31	---	---	---	8.74	4.94	7.16	---	---	---	9.48	5.78	7.61
MONTH	11.63	3.26	7.40	11.51	3.85	7.36	11.40	3.25	7.56	10.42	3.86	7.38
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	9.14	5.60										

COOPER RIVER BASIN
02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC

285

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.--Estimated daily discharges, Sept. 15 - 22, 1997. 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2880	5640	8370	1890	8950	6950	4270	5700	3630	9830	4090	3330
2	6190	6860	4170	3680	10100	357	7080	7900	972	4780	5720	3450
3	6640	6850	20	10800	8110	4220	3920	10100	3100	2050	877	3550
4	6120	-227	2590	8450	3990	6120	6430	9500	5410	2640	4340	5100
5	9550	5830	4270	6260	12400	5410	6750	5140	5650	6980	4250	5160
6	-87	5260	6570	2370	2450	6760	3730	8480	8340	675	2340	8170
7	6110	7600	9980	3830	2480	7820	2060	2280	5360	2490	6410	6930
8	2610	5890	5410	9240	2960	5180	4080	5440	3730	4060	6740	3480
9	2690	5520	2320	2580	2250	4320	5390	4280	3570	6080	5650	6140
10	6080	5020	6830	2260	2590	2820	9590	5650	5230	5270	1100	1070
11	4100	3540	8200	8210	3400	6770	6610	2290	6370	4670	2760	3010
12	2910	4370	5230	4310	6210	2800	7550	8470	3310	5570	7620	6340
13	6950	3500	128	2970	4660	3550	2310	5070	3830	3270	4110	6290
14	3660	4660	3300	349	2440	4960	3280	4190	7280	1050	4360	4740
15	7150	5500	6330	2370	6400	7490	6740	2570	971	5540	6970	1060
16	1280	5230	-69	6650	8190	257	5710	5070	3800	5360	6190	5580
17	4870	6650	4830	5960	3460	4870	4590	8610	3860	7300	1600	5630
18	7210	2060	2700	6210	2560	10600	5540	6980	4180	4900	2830	3650
19	2620	-34	5190	8560	3250	7230	9560	5630	7180	4360	7870	4520
20	4780	2660	6870	2760	4180	7360	9260	6360	2360	2910	4700	5740
21	-58	4600	6020	4000	7410	3050	4540	3930	10400	2330	3650	1860
22	2100	7490	7190	3490	5820	4790	8170	3580	6970	3230	3740	1040
23	4150	5730	6200	4170	9580	2890	2330	3060	3990	3620	5040	3760
24	4850	9450	2260	5370	340	5250	3700	2950	8380	3420	4530	5740
25	4890	5320	241	8520	3800	5070	3840	2480	2860	6610	1160	6980
26	7310	3130	2230	5600	4100	7170	6990	3010	1350	6380	2670	6080
27	8200	4070	6250	3130	6390	11200	1440	4180	3050	2900	4820	5700
28	2590	3610	7450	2440	4950	4650	3740	2210	5000	2540	3110	5090
29	2550	7630	7970	2410	7250	3980	4640	6640	3810	5810	7680	850
30	3110	3930	275	2960	---	5730	3620	5020	961	6410	8750	3330
31	2480	---	1720	4260	---	4420	---	7960	---	4950	3040	---
TOTAL	136485	147339	141045	146059	150670	164044	157460	164730	134904	137985	138717	133370
MEAN	4403	4911	4550	4712	5196	5292	5249	5314	4497	4451	4475	4446
MAX	9550	9450	9980	10800	12400	11200	9590	10100	10400	9830	8750	8170
MIN	-87	-227	-69	349	340	257	1440	2210	961	675	877	850

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1996, BY WATER YEAR (WY)

	MEAN	6658	6710	9592	10610	11110	11190	10290	9107	8436	7833	7273	5994
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	

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1979 - 1996
ANNUAL TOTAL	1992060	1752808	
ANNUAL MEAN	5458	4789	8952
HIGHEST ANNUAL MEAN			18220
LOWEST ANNUAL MEAN			3804
HIGHEST DAILY MEAN	12400	Aug 14	33700
LOWEST DAILY MEAN	-227	Nov 4	-521
ANNUAL SEVEN-DAY MINIMUM	3200	Dec 13	1790
10 PERCENT EXCEEDS	8590		21100
50 PERCENT EXCEEDS	5410		6090
90 PERCENT EXCEEDS	2350		2510

COOPER RIVER BASIN
02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5280	3630	1450	9660	3350	5110	3430	6030	3270	3350	4870	5770
2	6460	942	7050	4350	1460	1430	5060	6070	5190	6080	6290	4020
3	5850	3000	7130	6220	3150	7140	7110	5120	2400	5460	4530	5800
4	4810	2270	7070	3550	5340	4140	6780	3720	4650	7320	7260	3390
5	2820	2100	3420	1500	3440	4950	4550	2330	6280	4590	843	8960
6	3550	5590	6280	5250	6830	2580	3210	6190	5750	4820	5150	3430
7	6110	3580	4220	5140	6430	6790	5820	4230	4770	2300	3310	5630
8	7050	5650	3270	6990	3460	1160	3350	5170	3610	4840	5550	6400
9	3020	3060	6870	3290	6720	2430	2520	4610	4240	4830	1040	4860
10	2300	3660	5690	5350	3260	3950	5310	2710	5580	5480	2950	3450
11	3610	3700	3470	1020	4570	3450	7200	3550	3930	4060	7320	5570
12	1210	4140	5180	6240	4220	6360	3280	5640	4040	4290	4660	3010
13	3460	3430	6640	4530	5700	8770	1370	4640	6170	3850	5700	5020
14	7950	3360	8360	7180	7030	9420	6260	4600	3540	6890	6680	2370
15	6650	3340	4760	3380	1300	2930	6590	5970	1510	7770	4460	3410
16	7080	4310	6270	4610	4380	6450	4860	3990	4500	2880	4870	2950
17	3600	3260	4470	8660	3170	5010	6740	1110	5570	3170	5140	3280
18	2010	4660	4530	5290	4820	2600	2130	4900	4740	3260	5560	5180
19	3270	5170	8320	3580	5360	5970	1490	5100	5530	6220	2750	4790
20	2470	4140	7170	2630	8970	7500	2950	4910	6990	3950	5670	3080
21	4510	3380	4650	3810	6640	2620	4390	3290	7250	6790	5470	3370
22	4740	5550	2320	5480	3540	2540	4860	4660	5030	4120	3690	3750
23	7020	1950	2480	2290	2330	2430	2970	6870	7390	3150	1030	4260
24	3060	1130	3030	2970	2380	4490	8020	3410	6770	3450	2680	4050
25	7910	4330	1780	1180	3480	6710	6160	3610	4300	4480	4130	3470
26	1040	2920	7840	4580	4580	6200	3460	4240	2370	4520	4460	3260
27	2600	5440	8600	4090	4890	2530	4520	3890	1080	7920	3140	3130
28	8090	5850	1170	3340	8590	6370	4940	4710	2820	7930	7400	2750
29	3290	7840	2450	7310	---	3120	3350	4450	3400	3930	8000	3470
30	9780	3370	4150	7810	---	1120	5640	7800	3470	1230	1110	3290
31	2730	---	5940	4150	---	6560	---	3330	---	3500	5220	---
TOTAL	143330	114752	156030	145430	129390	142830	138320	140850	136140	146430	140933	125170
MEAN	4624	3825	5033	4691	4621	4607	4611	4544	4538	4724	4546	4172
MAX	9780	7840	8600	9660	8970	9420	8020	7800	7390	7930	8000	8960
MIN	1040	942	1170	1020	1300	1120	1370	1110	1080	1230	843	2370

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1997, BY WATER YEAR (WY)

MEAN	6545	6558	9352	10300	10770	10850	9988	8867	8231	7669	7129	5898
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

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1979 - 1997

ANNUAL TOTAL	1742051	1659605	
ANNUAL MEAN	4760	4547	8707
HIGHEST ANNUAL MEAN			18220
LOWEST ANNUAL MEAN			3804
HIGHEST DAILY MEAN	12400	Feb 5	9780
LOWEST DAILY MEAN	257	Mar 16	843
ANNUAL SEVEN-DAY MINIMUM	2890	Oct 31	2890
10 PERCENT EXCEEDS	7920		7120
50 PERCENT EXCEEDS	4390		4460
90 PERCENT EXCEEDS	2270		2350

COOPER RIVER BASIN
02172003 WEST BRANCH COOPER RIVER AT MONCK'S CORNER, SC

287

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, 27.69 ft, Oct. 8; minimum gage height, 20.30 ft, Jan. 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.23	22.59	24.52	26.23	22.14	24.10	25.03	22.41	23.75	26.57	22.72	24.68
2	26.16	22.52	24.66	24.48	21.40	23.12	25.11	22.05	23.67	25.33	22.46	24.37
3	26.63	22.16	24.62	25.52	22.13	23.72	25.79	22.30	24.23	25.11	22.37	23.95
4	26.57	22.79	24.75	25.58	22.39	23.97	26.17	22.81	24.63	25.84	21.93	23.50
5	26.03	23.21	24.62	25.47	22.41	23.94	25.89	22.83	24.15	24.83	21.72	23.23
6	26.05	23.21	24.61	26.47	22.47	24.37	25.89	22.24	24.02	25.67	20.49	23.55
7	26.88	23.67	25.29	26.62	22.65	24.28	26.24	22.03	23.80	26.46	21.63	24.15
8	27.69	24.62	26.14	25.89	23.14	24.78	26.05	21.98	23.97	26.51	21.71	24.54
9	26.19	23.73	25.09	25.64	21.75	23.66	26.37	21.23	24.06	26.54	22.67	24.65
10	25.70	23.11	24.57	25.14	21.75	23.85	25.81	22.16	24.44	25.83	21.76	24.11
11	25.96	22.88	24.64	25.40	21.53	24.01	25.49	22.26	24.08	24.98	20.49	22.91
12	25.71	23.06	24.44	25.61	21.75	24.03	25.72	21.77	24.17	25.14	20.72	23.75
13	26.22	22.86	24.76	25.57	21.74	23.92	26.18	21.74	24.49	25.31	22.20	24.09
14	26.46	23.37	25.29	25.25	21.68	23.92	25.77	23.18	24.90	25.41	22.82	24.30
15	26.32	22.61	24.87	25.62	22.43	24.13	25.86	23.22	24.65	25.61	22.09	24.02
16	26.93	23.28	25.06	25.70	23.19	24.45	26.16	23.50	25.13	25.37	22.18	24.05
17	26.74	22.72	24.59	25.81	22.91	24.52	26.45	23.25	25.08	26.05	21.43	24.01
18	25.42	22.23	24.08	26.46	22.33	24.41	26.53	22.53	24.48	25.83	21.98	23.67
19	25.72	22.00	23.85	26.46	23.06	24.81	26.19	22.81	24.68	25.14	20.30	23.21
20	26.45	22.61	24.27	26.56	23.19	24.81	25.60	22.15	23.95	25.26	21.55	23.31
21	26.04	22.45	24.42	26.45	23.22	24.90	25.18	22.39	23.90	25.67	20.69	23.34
22	25.84	22.71	24.65	25.99	22.75	24.66	25.26	21.89	23.64	26.15	21.97	23.96
23	26.42	22.79	25.10	25.89	22.65	24.33	24.96	21.06	23.22	25.15	20.91	23.07
24	26.28	22.64	24.33	25.33	22.20	23.78	24.77	21.08	23.29	26.02	20.46	23.30
25	26.80	22.17	24.96	25.26	21.59	23.89	24.50	20.31	22.88	24.68	21.30	23.08
26	25.58	22.44	24.06	25.26	21.76	23.58	26.64	21.06	24.40	25.91	20.67	23.42
27	26.26	22.15	24.25	25.85	20.54	23.61	26.72	21.60	24.60	24.96	22.22	23.71
28	26.47	22.29	25.03	25.43	21.54	24.11	24.79	21.45	23.24	25.17	21.61	23.66
29	25.99	22.47	24.44	26.13	22.49	24.49	25.28	21.81	23.55	25.82	22.30	24.17
30	27.14	22.79	25.46	25.56	22.19	24.04	24.93	21.45	23.60	26.16	22.74	24.73
31	25.41	21.92	23.97	---	---	---	25.64	22.36	23.87	24.89	22.19	23.81
MONTH	27.69	21.92	24.69	26.62	20.54	24.14	26.72	20.31	24.08	26.57	20.30	23.82

COOPER RIVER BASIN
02172003 WEST BRANCH COOPER RIVER AT MONCK'S CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	24.41	21.41	23.33	24.77	21.91	23.69	24.36	20.33	22.85	26.27	22.97	24.78
2	24.39	21.35	23.05	24.53	20.97	22.97	---	---	---	25.77	22.28	24.48
3	25.75	21.33	23.61	25.69	21.25	23.93	26.08	22.48	24.59	26.30	22.67	24.55
4	25.89	21.77	24.26	25.37	21.43	23.60	26.52	22.64	24.72	25.67	22.07	23.93
5	26.01	22.34	24.20	26.36	22.16	24.24	25.53	22.48	24.35	25.64	21.80	23.74
6	26.73	21.44	24.26	25.82	21.75	23.76	25.70	22.12	23.99	25.82	22.14	24.31
7	26.74	22.81	24.92	26.13	21.18	24.15	25.97	22.12	24.35	25.59	21.92	23.97
8	26.30	22.74	24.58	25.20	21.79	23.63	25.57	22.27	24.00	25.54	22.30	24.31
9	26.37	21.41	24.38	25.56	21.15	23.46	25.64	22.40	24.06	25.83	21.84	24.34
10	25.60	22.67	24.24	26.00	22.02	23.98	25.45	23.17	24.41	25.13	21.21	23.13
11	25.47	22.72	24.36	25.20	21.61	23.70	26.02	23.31	24.94	24.90	22.15	23.68
12	25.82	22.23	24.40	25.73	22.49	24.53	25.84	22.62	24.37	25.50	22.43	24.10
13	25.70	23.15	24.60	25.85	23.97	25.20	25.16	21.73	23.58	25.42	22.18	23.96
14	26.49	22.79	24.95	25.98	23.94	25.32	25.13	22.38	24.02	25.33	21.50	23.65
15	25.21	21.59	23.58	25.18	21.55	23.80	25.72	22.51	24.49	25.37	22.41	23.99
16	25.85	21.41	23.81	25.32	21.79	24.03	25.87	23.23	24.44	25.49	20.99	23.32
17	25.15	21.92	23.62	25.99	22.39	24.06	26.06	22.87	24.48	24.22	20.90	22.89
18	26.49	22.04	24.03	25.65	21.98	23.56	24.79	21.84	23.43	24.52	21.05	23.30
19	26.60	21.83	24.03	25.55	21.96	23.95	24.81	21.62	23.19	25.48	21.19	23.39
20	26.21	21.47	24.32	26.22	21.80	24.51	25.67	21.96	23.84	25.10	21.56	23.51
21	26.00	21.76	24.25	25.54	22.53	24.07	25.84	22.57	24.45	25.56	21.32	23.33
22	25.94	21.73	23.61	25.76	22.16	23.91	26.07	22.66	24.39	25.78	22.35	24.21
23	25.16	20.33	23.05	26.45	22.04	24.00	26.12	22.49	24.27	25.81	22.53	24.70
24	25.16	21.60	23.40	25.69	22.56	24.35	26.01	22.80	24.59	25.96	22.59	24.31
25	25.24	21.49	23.54	26.75	22.79	24.79	25.65	23.06	24.62	25.48	22.37	24.03
26	25.33	22.46	23.98	25.45	22.13	24.09	25.61	22.86	24.25	25.47	21.94	24.00
27	25.08	22.27	23.75	25.57	21.81	23.54	25.69	23.17	24.65	25.60	21.88	24.00
28	24.81	22.78	24.06	25.58	21.99	24.19	26.03	23.14	24.86	26.32	23.34	24.93
29	---	---	---	25.17	21.85	23.48	25.57	22.27	24.11	25.89	22.97	24.74
30	---	---	---	24.28	20.87	22.75	25.95	22.51	24.62	26.32	23.43	25.02
31	---	---	---	24.60	21.53	23.45	---	---	---	25.93	22.54	24.34
MONTH	26.74	20.33	24.01	26.75	20.87	23.96	26.52	20.33	24.24	26.32	20.90	24.03
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.86	22.58	24.13	26.35	23.45	24.80	26.01	22.97	24.69	25.80	22.51	24.50
2	25.63	22.42	24.29	26.68	23.32	25.13	26.09	23.17	24.96	26.46	22.81	24.49
3	25.87	22.20	23.84	26.19	23.58	25.21	26.13	22.94	24.69	26.43	22.46	24.64
4	26.12	22.47	24.44	26.60	23.19	25.11	26.20	22.46	24.67	25.69	22.57	24.32
5	26.28	23.04	25.06	26.09	22.95	24.58	25.37	21.88	23.52	26.88	23.22	25.24
6	26.72	23.93	25.44	25.60	22.30	24.24	26.19	22.13	24.30	25.76	22.85	24.47
7	26.56	23.87	25.28	25.49	21.90	23.78	25.49	22.50	24.24	26.69	22.33	24.49
8	26.24	23.23	24.82	25.85	21.89	23.96	26.44	22.62	24.65	26.28	22.04	24.47
9	26.18	23.26	24.68	25.86	22.09	24.18	25.38	22.51	24.01	26.25	21.97	24.27
10	26.13	23.09	24.83	25.74	22.03	24.21	25.42	22.00	23.88	26.02	22.06	24.20
11	25.58	22.75	24.44	25.60	22.03	24.09	26.45	22.72	24.53	26.81	22.19	24.58
12	25.87	22.36	24.24	26.08	22.39	24.35	25.93	22.69	24.28	25.58	22.44	24.32
13	25.99	22.94	24.38	25.87	22.15	24.16	25.74	22.53	24.23	26.11	22.69	24.58
14	24.58	22.19	23.63	26.08	22.43	24.27	25.95	22.70	24.31	26.33	22.12	24.26
15	24.89	21.43	23.27	26.46	22.72	24.29	25.55	22.42	24.09	26.33	22.37	24.34
16	25.81	22.48	24.35	25.22	22.19	23.71	25.55	22.22	24.14	25.94	22.76	24.49
17	26.09	22.91	24.50	25.30	21.95	23.59	25.49	22.05	24.14	26.13	22.75	24.62
18	26.01	22.53	24.29	25.47	21.97	23.75	25.72	21.94	24.24	26.21	23.35	24.94
19	26.01	22.37	24.11	25.68	22.17	24.40	25.79	22.12	24.15	26.08	23.02	24.92
20	25.74	22.20	24.49	25.70	22.31	24.20	26.96	23.02	25.16	26.58	22.77	24.70
21	25.95	22.48	24.72	26.12	22.34	24.74	26.30	23.23	25.07	25.48	22.25	24.45
22	25.91	22.49	24.45	26.02	22.95	24.56	26.64	22.40	24.47	26.88	22.87	24.88
23	25.77	22.65	24.53	25.65	22.45	24.21	25.45	22.23	24.00	25.79	23.16	24.75
24	25.95	22.62	24.57	25.81	22.13	24.17	25.94	21.97	24.13	26.45	22.35	24.35
25	25.74	22.29	24.18	25.50	22.09	24.03	25.97	22.28	24.40	26.68	22.73	24.61
26	25.14	22.06	23.74	26.36	22.54	24.43	26.46	22.40	24.54	26.61	22.91	24.69
27	24.70	21.17	23.24	26.96	23.17	24.97	26.09	22.28	24.28	26.49	23.65	24.98
28	26.53	21.60	24.31	26.66	23.28	24.71	26.38	22.80	24.72	26.47	23.25	24.77
29	26.50	23.69	25.12	25.21	22.55	23.78	26.71	22.68	24.59	25.14	22.57	23.96
30	26.29	23.64	24.96	25.15	21.11	23.23	25.27	22.07	23.91	25.06	22.08	23.75
31	---	---	---	25.88	22.45	24.21	26.01	22.50	24.45	---	---	---
MONTH	26.72	21.17	24.41	26.96	21.11	24.29	26.96	21.88	24.37	26.88	21.97	24.53
YEAR	27.69	20.30	24.21									

COOPER RIVER BASIN
02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC

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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, 24.01 ft, Oct. 8; minimum gage height, 16.86 ft, Nov. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.36	19.25	20.96	21.89	18.96	20.54	21.56	19.17	20.37	22.35	19.12	20.82
2	22.31	19.20	20.98	21.02	18.18	19.76	20.89	18.19	19.86	21.73	19.16	20.78
3	22.40	19.02	20.97	21.67	18.93	20.29	21.40	19.13	20.44	---	---	---
4	22.67	19.61	21.26	21.85	19.23	20.58	21.58	19.65	20.77	---	---	---
5	22.25	20.05	21.22	21.84	19.20	20.54	21.60	19.68	20.66	---	---	---
6	22.57	20.06	21.24	22.36	19.29	20.77	21.62	19.06	20.35	---	---	---
7	23.24	20.51	21.81	22.46	19.45	20.82	21.75	18.85	20.30	---	---	---
8	24.01	21.41	22.52	22.27	19.91	21.17	22.32	18.82	20.52	22.60	18.59	20.85
9	22.74	20.52	21.62	21.79	18.61	20.20	22.22	18.10	20.46	22.86	19.49	21.22
10	22.48	19.90	21.19	21.71	18.61	20.38	22.38	18.99	20.90	22.11	18.46	20.46
11	---	---	---	21.97	18.41	20.49	22.05	19.08	20.63	21.52	17.36	19.52
12	22.30	19.90	21.10	21.69	18.61	20.45	22.43	18.46	20.61	21.71	17.48	20.06
13	22.72	19.67	21.29	21.81	18.53	20.42	22.36	18.58	20.81	---	---	---
14	22.82	19.74	21.52	21.77	18.55	20.44	22.38	19.33	21.08	---	---	---
15	22.30	19.38	21.10	21.96	19.13	20.61	22.49	19.72	21.17	---	---	---
16	22.78	19.49	21.30	22.30	19.58	20.94	22.60	20.31	21.48	21.90	18.59	20.41
17	22.63	19.45	21.07	22.31	19.79	21.06	22.86	19.91	21.57	21.39	18.32	20.09
18	21.98	19.05	20.66	22.18	19.16	20.84	22.24	19.35	20.93	21.54	18.29	19.97
19	21.82	18.99	20.35	22.29	19.89	21.17	21.86	19.63	20.81	21.31	17.21	19.69
20	22.07	19.31	20.80	22.65	20.03	21.31	21.45	18.69	20.19	21.44	18.39	19.84
21	22.15	19.27	20.89	22.67	20.05	21.42	21.72	19.01	20.39	21.79	17.58	19.80
22	22.35	19.54	21.12	22.23	19.60	21.08	21.75	18.74	20.21	22.17	18.22	20.30
23	22.64	19.62	21.36	22.61	19.48	20.95	21.38	17.97	19.80	21.32	17.78	19.58
24	22.42	19.46	20.85	21.90	19.00	20.42	21.29	17.97	19.83	22.00	17.36	19.81
25	22.76	19.02	21.24	21.78	18.47	20.35	21.24	17.24	19.48	21.23	18.17	19.71
26	22.13	19.29	20.70	21.70	17.89	20.04	22.29	17.96	20.57	21.89	17.35	19.80
27	22.37	19.00	20.79	22.15	16.86	19.98	22.14	18.44	20.69	21.52	18.58	20.19
28	22.67	19.13	21.23	22.08	18.37	20.44	21.35	18.30	19.88	21.67	18.40	20.14
29	22.29	19.28	20.95	22.25	18.77	20.73	21.53	18.60	20.11	21.65	18.65	20.37
30	22.90	19.61	21.53	21.69	19.02	20.56	21.39	18.29	20.02	21.98	19.55	20.91
31	21.72	18.75	20.46	---	---	---	21.41	18.65	20.19	21.34	18.94	20.24
MONTH	24.01	18.75	21.14	22.67	16.86	20.63	22.86	17.24	20.49	22.86	17.21	20.20

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	20.98	18.20	19.79	21.20	18.72	20.02	20.42	17.26	19.30	22.35	19.45	21.14
2	20.93	18.20	19.68	21.08	17.79	19.59	---	---	---	22.35	19.10	20.83
3	21.70	18.15	20.16	21.24	18.26	20.16	---	---	---	22.21	19.48	20.96
4	22.23	18.60	20.71	21.50	18.30	20.08	22.47	19.46	21.07	21.80	18.94	20.39
5	22.32	19.17	20.72	22.28	18.98	20.70	22.15	19.34	20.80	22.33	18.58	20.33
6	22.50	18.33	20.64	22.17	18.62	20.31	22.28	18.97	20.55	22.45	18.97	20.60
7	22.99	19.31	21.31	22.28	18.07	20.52	22.20	18.96	20.75	22.06	18.86	20.41
8	22.72	19.59	21.05	21.76	18.64	20.27	22.07	18.93	20.55	22.12	19.34	20.71
9	22.12	18.30	20.64	21.88	18.05	20.04	22.22	18.84	20.63	22.26	18.66	20.54
10	22.20	19.11	20.78	22.32	18.64	20.47	22.02	19.40	20.82	21.31	18.09	19.86
11	22.05	19.67	20.80	21.72	18.44	20.19	22.49	20.15	21.22	21.47	18.74	20.19
12	22.05	19.04	20.79	22.08	19.45	20.85	22.25	19.38	20.90	21.59	19.32	20.45
13	22.27	19.96	20.96	22.34	20.44	21.36	21.74	18.54	20.20	21.57	18.73	20.38
14	22.40	19.56	21.22	22.54	20.54	21.42	21.29	19.34	20.36	21.47	18.31	20.08
15	21.79	18.24	20.20	21.78	18.36	20.25	21.96	19.39	20.87	21.60	18.98	20.31
16	21.26	18.23	20.24	21.18	18.82	20.29	21.98	19.78	20.93	21.61	17.75	19.79
17	21.57	18.70	20.15	21.70	19.12	20.44	21.98	18.69	20.79	20.74	17.76	19.53
18	21.98	18.83	20.42	21.55	18.73	20.13	21.42	19.67	20.04	21.16	17.90	19.65
19	22.08	18.61	20.39	21.69	18.77	20.27	21.37	18.42	19.85	21.75	18.04	19.76
20	21.86	18.29	20.43	21.99	18.64	20.78	21.92	18.79	20.41	21.73	18.38	19.85
21	21.98	18.58	20.54	22.16	19.30	20.68	22.46	19.40	20.97	22.10	18.20	19.88
22	21.94	18.49	20.04	21.88	19.02	20.50	22.09	19.47	20.79	22.34	19.18	20.68
23	21.30	17.22	19.57	22.06	18.90	20.60	22.21	19.35	20.82	22.57	19.37	20.99
24	21.38	18.27	19.91	22.14	19.39	20.79	22.12	19.11	20.86	22.55	19.44	20.76
25	21.67	18.28	20.02	22.53	19.60	21.11	22.20	19.77	21.00	22.12	19.06	20.53
26	21.82	18.88	20.41	22.00	18.64	20.39	22.21	19.28	20.78	21.93	18.80	20.42
27	21.48	18.93	20.13	21.62	18.48	20.06	22.29	19.89	21.18	21.62	18.75	20.49
28	21.02	18.94	20.06	21.59	18.81	20.42	22.58	19.95	21.28	22.55	20.12	21.43
29	---	---	---	21.76	18.64	19.92	21.88	19.05	20.61	22.34	19.67	21.25
30	---	---	---	20.85	17.73	19.38	22.38	19.46	21.02	22.54	20.14	21.32
31	---	---	---	21.15	18.07	19.59	---	---	---	22.50	19.06	20.90

COOPER RIVER BASIN
02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

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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, 147 microsiemens, Nov. 25; minimum, 66 microsiemens, June 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	114	100	105	116	112	114	117	115	116	120	117	118
2	104	99	101	---	---	---	118	115	116	121	119	120
3	101	98	100	---	---	---	115	114	115	---	---	---
4	101	100	100	---	---	---	114	113	114	---	---	---
5	101	98	100	---	---	---	115	113	114	---	---	---
6	102	98	100	---	---	---	115	113	115	---	---	---
7	101	100	101	---	---	---	116	114	115	---	---	---
8	100	97	98	---	---	---	116	114	115	118	115	116
9	98	90	95	124	115	118	116	112	114	119	116	116
10	---	---	---	129	117	120	114	112	112	121	116	118
11	---	---	---	125	117	119	115	112	113	120	116	118
12	103	101	102	126	117	119	115	114	114	121	117	119
13	105	101	104	132	118	121	117	114	115	120	116	117
14	107	104	106	144	122	126	115	113	114	120	116	117
15	107	106	107	134	120	124	115	113	114	122	115	117
16	109	106	107	137	120	125	116	114	115	120	115	117
17	109	108	109	131	120	122	117	115	115	120	115	117
18	110	109	110	145	120	125	118	115	116	120	116	117
19	112	110	110	124	118	120	119	114	116	123	117	119
20	113	111	112	126	118	119	117	114	116	123	118	120
21	114	111	112	126	118	120	116	115	116	125	119	121
22	115	110	111	119	117	118	118	116	117	122	119	120
23	115	109	110	120	116	118	120	117	118	125	120	121
24	112	109	110	131	117	121	122	119	120	126	121	124
25	112	109	110	147	120	125	122	118	120	129	125	126
26	114	109	110	125	118	119	123	116	119	129	124	126
27	119	111	113	120	115	118	118	116	117	128	125	126
28	120	109	113	116	114	115	118	116	117	127	125	126
29	113	109	111	115	114	114	120	117	118	126	124	125
30	113	108	111	116	114	115	121	119	120	125	123	124
31	115	109	112	---	---	---	120	116	118	127	124	124
MONTH	---	---	---	---	---	---	123	112	116	---	---	---

COOPER RIVER BASIN
02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	130	126	127	121	119	120	100	95	98	93	88	90
2	130	128	129	122	120	121	101	95	98	---	---	---
3	135	130	130	124	121	123	101	94	97	---	---	---
4	135	127	130	123	118	120	98	93	95	---	---	---
5	135	126	128	121	117	119	101	93	97	---	---	---
6	129	126	128	120	117	118	99	95	97	---	---	---
7	128	126	127	119	111	116	101	93	97	---	---	---
8	129	127	127	116	111	113	99	94	96	---	---	---
9	131	127	128	118	112	114	101	94	96	---	---	---
10	129	127	128	122	113	116	102	94	96	---	---	---
11	130	128	129	123	113	117	98	92	94	---	---	---
12	129	127	128	123	110	115	96	91	93	---	---	---
13	130	127	129	116	109	111	96	91	93	---	---	---
14	129	126	127	112	105	110	102	91	96	---	---	---
15	128	123	126	111	105	108	96	90	93	---	---	---
16	129	123	126	112	106	109	93	90	91	---	---	---
17	127	118	124	110	103	107	94	90	92	---	---	---
18	124	119	122	109	104	106	97	90	92	---	---	---
19	124	120	122	109	102	106	93	91	92	---	---	---
20	125	120	123	105	100	102	96	93	94	---	---	---
21	124	122	123	104	101	102	96	91	93	---	---	---
22	125	122	124	106	102	104	94	88	90	---	---	---
23	126	122	124	108	104	106	94	89	90	89	87	88
24	127	120	124	106	103	104	94	87	89	89	87	88
25	124	120	122	105	100	102	90	88	88	91	88	89
26	121	117	120	102	100	101	92	88	89	91	88	90
27	120	118	119	101	98	99	92	89	90	92	89	90
28	120	119	120	105	99	101	92	89	90	93	88	90
29	---	---	---	102	97	99	95	89	91	93	88	89
30	---	---	---	104	99	101	96	90	94	91	86	88
31	---	---	---	105	96	102	---	---	---	89	86	87
MONTH	135	117	126	124	96	109	102	87	93	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	90	87	89	90	79	83	98	92	95	97	93	95
2	91	88	89	89	84	86	107	90	95	97	92	93
3	91	87	88	88	85	86	107	89	92	95	91	94
4	94	87	89	88	86	87	97	89	92	95	91	93
5	91	86	87	88	85	87	95	89	92	---	---	---
6	88	85	86	90	87	88	99	91	94	---	---	---
7	86	85	85	90	87	88	98	91	94	---	---	---
8	89	86	87	90	86	89	96	90	92	---	---	---
9	89	86	88	90	85	87	97	90	92	92	90	91
10	89	86	88	89	85	87	98	91	93	93	91	91
11	89	85	87	88	86	87	98	90	93	93	90	92
12	88	86	87	89	86	88	97	90	92	93	90	92
13	88	84	86	88	86	87	96	91	92	99	92	94
14	86	84	85	88	85	87	98	91	93	101	92	95
15	88	86	87	87	84	86	100	91	94	106	93	97
16	91	87	89	87	85	86	96	93	94	107	94	99
17	93	85	88	89	86	88	98	93	95	115	95	102
18	87	84	86	91	88	89	100	95	96	108	90	96
19	89	86	87	92	87	89	107	94	98	101	90	92
20	88	84	86	91	87	88	105	96	99	100	90	92
21	87	84	85	93	87	89	101	94	97	109	91	96
22	88	84	86	90	87	88	102	91	96	104	90	94
23	88	85	86	92	88	90	103	92	96	92	89	90
24	87	85	86	93	89	91	112	93	100	99	89	91
25	87	85	86	93	88	90	115	92	99	94	89	91
26	88	86	87	93	89	90	102	91	93	93	85	91
27	91	88	89	95	88	90	96	90	92	91	85	88
28	94	83	89	95	88	90	98	90	93	91	87	89
29	90	66	82	100	89	92	93	90	92	93	86	89
30	92	67	79	98	91	94	96	90	92	91	85	88
31	---	---	---	100	92	96	98	93	95	---	---	---
MONTH	94	66	87	100	79	88	115	89	94	---	---	---

COOPER RIVER BASIN
02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC

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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, 15.43 ft, Oct. 8; minimum gage height, 8.46 ft, Nov. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.77	10.72	12.40	13.28	10.53	12.02	13.07	10.75	11.89	13.83	10.56	12.27
2	13.76	10.66	12.39	12.54	9.80	11.29	12.40	9.60	11.32	13.25	10.73	12.26
3	13.84	10.57	12.39	13.14	10.52	11.81	12.77	10.71	11.89	12.75	10.51	11.70
4	14.10	11.17	12.72	13.27	10.80	12.09	12.90	11.23	12.19	12.69	10.35	11.48
5	13.69	11.60	12.69	13.32	10.79	12.05	13.05	11.18	12.16	12.89	10.02	11.40
6	14.02	11.61	12.72	13.76	10.86	12.25	13.07	10.64	11.80	13.07	9.00	11.45
7	14.70	12.05	13.28	13.89	11.00	12.32	13.13	10.42	11.81	13.65	10.06	12.04
8	15.43	12.91	13.93	13.76	11.44	12.64	13.74	10.37	12.03	14.05	10.15	12.32
9	14.19	12.03	13.07	13.23	10.16	11.71	13.62	9.68	11.93	14.24	11.04	12.71
10	13.97	11.42	12.65	13.22	10.17	11.88	13.89	10.53	12.38	13.57	10.02	11.91
11	14.11	11.23	12.69	13.48	9.98	11.99	13.57	10.64	12.13	12.98	8.93	11.03
12	13.80	11.46	12.63	13.21	10.18	11.94	13.93	9.98	12.09	13.22	9.06	11.52
13	14.25	11.24	12.78	13.32	10.10	11.91	13.81	10.15	12.25	13.36	10.56	11.90
14	14.29	11.26	12.96	13.28	10.12	11.94	13.90	10.61	12.53	13.06	10.78	11.91
15	13.80	10.77	12.54	13.47	10.46	12.11	14.00	11.10	12.66	13.13	10.48	11.97
16	14.23	10.88	12.74	13.81	10.98	12.44	14.12	11.86	12.95	13.42	9.91	11.88
17	14.07	11.03	12.54	13.76	11.37	12.54	14.32	11.45	13.05	12.78	9.84	11.53
18	13.49	10.61	12.17	13.52	10.72	12.32	13.61	10.92	12.41	12.93	9.53	11.42
19	13.34	10.48	11.85	13.69	11.39	12.62	13.37	11.18	12.24	12.76	8.78	11.21
20	13.47	10.84	12.30	14.15	11.58	12.79	12.90	10.13	11.61	12.86	9.97	11.36
21	13.61	10.84	12.38	14.22	11.58	12.90	13.20	10.53	11.86	13.24	9.18	11.31
22	13.87	11.09	12.61	13.78	11.17	12.52	13.24	10.31	11.71	13.63	9.78	11.79
23	14.20	11.18	12.81	14.07	11.04	12.46	12.82	9.52	11.32	12.68	9.36	11.09
24	13.80	11.00	12.35	13.41	10.57	11.95	12.80	9.54	11.34	---	---	---
25	14.20	10.56	12.67	13.25	10.03	11.85	12.73	8.82	11.00	---	---	---
26	13.63	10.83	12.23	13.09	9.38	11.53	13.73	9.56	12.01	---	---	---
27	13.74	10.54	12.29	13.62	8.46	11.46	13.56	10.00	12.10	---	---	---
28	14.16	10.68	12.67	13.58	9.96	11.92	12.84	9.88	11.41	---	---	---
29	13.67	10.85	12.44	13.70	10.27	12.17	13.03	10.19	11.62	---	---	---
30	14.32	11.16	12.93	13.22	10.60	12.06	12.82	9.88	11.50	13.51	11.15	12.37
31	13.27	10.30	11.96	---	---	---	12.86	10.11	11.65	12.86	10.55	11.74
MONTH	15.43	10.30	12.61	14.22	8.46	12.12	14.32	8.82	11.96	14.24	8.78	11.74

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.50	9.79	11.30	12.66	10.21	11.50	11.97	8.89	10.83	13.79	10.90	12.62
2	12.45	9.79	11.24	12.59	9.40	11.12	---	---	---	13.85	10.70	12.33
3	13.05	9.75	11.69	12.73	9.98	11.64	13.83	10.91	12.45	13.59	11.07	12.45
4	13.74	10.19	12.22	13.00	9.87	11.60	13.92	11.05	12.56	13.31	10.52	11.90
5	13.81	10.74	12.22	13.75	10.58	12.22	13.65	10.90	12.30	13.87	10.17	11.86
6	---	---	---	13.70	10.22	11.84	13.83	10.51	12.07	13.96	10.56	12.08
7	14.46	10.89	12.78	13.78	9.65	12.01	13.66	10.52	12.25	13.60	10.42	11.91
8	14.21	11.16	12.54	13.26	10.24	11.81	13.57	10.35	12.07	13.64	10.74	12.20
9	13.62	9.84	12.11	13.36	9.62	11.57	13.73	10.42	12.16	13.74	10.24	12.04
10	13.73	10.67	12.28	13.79	10.23	11.97	13.56	10.92	12.32	12.82	9.69	11.33
11	13.56	11.02	12.30	13.25	10.04	11.71	14.06	11.61	12.70	12.99	10.21	11.71
12	13.62	10.63	12.28	13.57	10.78	12.35	13.76	10.99	12.40	13.11	10.74	11.94
13	13.77	11.27	12.46	13.87	11.81	12.83	13.26	10.14	11.73	13.06	10.32	11.88
14	13.92	10.98	12.68	14.04	11.90	12.87	12.80	10.92	11.86	12.93	9.91	11.59
15	13.30	9.79	11.72	13.32	9.98	11.76	13.44	11.07	12.37	13.07	10.32	11.81
16	12.78	9.80	11.75	12.71	10.57	11.79	13.49	11.25	12.44	13.06	9.35	11.30
17	13.02	10.27	11.67	13.10	10.66	11.94	---	---	---	12.25	9.36	11.07
18	13.45	10.40	11.92	12.97	10.33	11.66	12.96	10.20	11.58	12.66	9.52	11.15
19	13.51	10.21	11.88	13.19	10.36	11.78	12.90	10.04	11.41	13.24	9.65	11.25
20	13.30	9.88	11.89	13.54	10.24	12.27	13.44	10.39	11.96	13.25	9.95	11.35
21	13.43	10.16	12.01	13.67	10.88	12.21	14.01	11.00	12.49	13.64	9.79	11.41
22	13.39	10.08	11.54	13.35	10.62	12.03	13.53	11.03	12.30	13.87	10.78	12.18
23	12.78	8.79	11.09	13.60	10.48	12.13	13.71	10.94	12.34	14.12	10.95	12.46
24	12.90	9.87	11.43	13.71	10.99	12.29	13.61	10.62	12.36	14.12	11.03	12.26
25	13.15	9.88	11.53	13.96	11.16	12.58	13.72	11.24	12.49	13.62	10.58	12.03
26	13.31	10.42	11.91	13.51	10.21	11.87	13.74	10.84	12.31	13.47	10.38	11.91
27	13.00	10.35	11.61	13.16	9.95	11.58	13.81	11.36	12.69	13.14	10.32	12.01
28	12.52	10.26	11.51	13.12	10.40	11.90	14.08	11.57	12.77	14.08	11.68	12.93
29	---	---	---	13.26	9.94	11.43	13.40	10.64	12.12	13.83	11.26	12.75
30	---	---	---	12.36	9.35	10.93	13.88	11.17	12.52	14.04	11.57	12.79
31	---	---	---	12.67	9.48	11.07	---	---	---	14.01	10.64	12.41
MONTH	14.46	8.79	11.91	14.04	9.35	11.88	14.08	8.89	12.21	14.12	9.35	11.97
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.77	10.58	12.20	14.48	11.39	12.88	14.18	11.40	12.64	13.84	10.93	12.35
2	13.76	10.81	12.19	14.72	11.71	13.01	14.31	11.58	12.81	13.73	11.23	12.47
3	13.99	10.25	11.97	14.36	11.96	13.09	13.89	11.35	12.56	13.58	10.91	12.46
4	14.32	10.89	12.42	14.49	11.57	12.86	13.63	10.87	12.32	13.55	11.00	12.42
5	14.49	11.47	12.94	14.21	11.34	12.46	13.53	10.29	11.71	14.03	11.20	12.92
6	14.73	12.05	13.48	13.47	10.66	12.10	13.18	10.57	12.17	13.77	11.24	12.49
7	14.57	12.17	13.30	13.56	10.32	11.86	13.47	10.92	12.29	13.63	10.73	12.34
8	14.22	11.63	12.87	13.21	10.31	11.90	13.85	11.03	12.59	13.65	10.43	12.24
9	13.84	11.60	12.69	13.31	10.49	12.08	13.53	10.92	12.21	13.74	10.38	12.18
10	13.78	11.68	12.73	13.15	10.44	12.05	13.25	10.43	11.95	13.95	10.46	12.23
11	13.65	11.12	12.44	13.27	10.46	12.08	13.93	10.45	12.31	14.15	10.59	12.49
12	13.37	10.68	12.22	13.56	10.80	12.33	13.77	10.63	12.21	13.72	10.69	12.38
13	13.53	10.80	12.24	13.59	10.56	12.18	13.74	10.55	12.05	14.20	11.08	12.51
14	12.62	10.40	11.62	13.64	10.18	12.06	13.92	10.35	12.08	14.26	10.55	12.39
15	12.99	9.91	11.49	13.64	10.15	12.00	13.62	10.52	11.97	14.30	10.59	12.43
16	13.98	10.89	12.37	13.29	9.93	11.74	13.73	10.65	11.98	14.07	11.17	12.54
17	14.09	11.17	12.41	13.47	10.04	11.66	13.55	10.46	11.94	14.27	11.18	12.66
18	13.71	10.68	12.22	13.60	10.18	11.79	13.76	10.36	12.03	14.28	11.59	12.85
19	13.85	10.54	11.94	13.80	10.59	12.15	14.06	10.55	12.24	14.15	11.50	12.86
20	13.83	10.61	12.22	13.75	10.71	12.14	14.16	11.45	13.05	14.20	11.17	12.76
21	14.01	10.88	12.46	14.13	10.78	12.52	14.37	11.78	12.95	13.58	10.70	12.41
22	---	---	---	14.15	11.09	12.49	13.82	10.83	12.48	14.25	11.31	12.91
23	---	---	---	13.75	10.75	12.25	13.53	10.67	12.20	13.88	11.44	12.73
24	---	---	---	13.62	10.55	12.15	13.67	10.44	12.21	13.75	10.71	12.35
25	---	---	---	13.45	10.26	12.01	13.93	10.60	12.43	13.98	11.09	12.64
26	---	---	---	14.01	10.76	12.45	14.28	10.69	12.53	14.07	11.28	12.76
27	---	---	---	14.29	10.95	12.76	13.78	10.57	12.35	14.39	11.98	13.05
28	14.30	10.38	12.42	13.99	10.69	12.38	14.17	11.19	12.45	13.88	11.57	12.80
29	14.45	11.83	13.17	13.35	10.03	11.71	14.12	10.95	12.30	13.19	10.46	11.89
30	14.45	11.39	13.01	13.27	9.58	11.44	13.38	10.49	12.09	13.22	10.45	11.75
31	---	---	---	13.99	10.89	12.30	13.65	10.92	12.34	---	---	---
MONTH	14.73	9.91	12.46	14.72	9.58	12.22	14.37	10.29	12.30	14.39	10.38	12.51
YEAR	15.43	8.46	12.16									

COOPER RIVER BASIN
02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

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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, 160 microsiemens, Mar. 12; minimum, 71 microsiemens, Aug. 2, 3.

WATER TEMPERATURE: Maximum, 30.0°C, July 27 - 30, Aug. 20; minimum, 5.5°C, Jan. 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	114	100	105	117	112	114	107	103	104	112	110	111
2	123	98	102	118	114	115	107	104	105	113	112	113
3	101	98	99	122	113	117	106	103	104	114	113	113
4	101	98	99	123	114	116	104	103	104	116	114	115
5	100	98	99	132	111	119	105	103	104	118	115	116
6	101	99	100	144	110	117	105	104	105	121	116	118
7	101	99	100	130	109	116	107	104	105	125	116	120
8	100	94	96	142	107	114	110	105	106	126	122	124
9	97	94	95	123	107	112	108	104	106	---	---	---
10	95	91	93	130	109	115	106	103	104	---	---	---
11	104	94	98	123	108	112	111	104	106	---	---	---
12	102	99	101	127	106	111	113	106	108	---	---	---
13	104	99	102	126	108	112	113	107	109	---	---	---
14	107	102	105	137	108	114	110	107	107	115	113	114
15	108	106	107	136	108	114	108	106	107	114	113	113
16	111	107	108	148	108	116	110	107	108	118	113	114
17	112	109	110	134	106	113	113	107	108	115	114	114
18	112	109	110	153	106	117	112	107	109	115	114	115
19	113	110	111	120	105	110	111	107	108	117	115	116
20	118	112	113	117	103	108	109	107	108	118	117	117
21	118	111	113	116	103	107	109	108	109	119	117	118
22	122	111	113	110	103	104	111	109	110	118	117	117
23	121	110	112	111	102	105	113	110	111	120	118	118
24	115	110	112	125	103	108	118	111	113	---	---	---
25	114	109	111	152	106	116	118	112	113	---	---	---
26	116	110	111	116	104	107	121	109	113	---	---	---
27	129	111	115	113	103	106	113	109	110	---	---	---
28	125	110	115	105	102	103	112	109	110	---	---	---
29	117	110	112	103	102	102	114	111	112	---	---	---
30	117	111	113	105	102	103	117	112	113	123	121	122
31	117	111	113	---	---	---	114	110	112	124	122	122
MONTH	129	91	106	153	102	111	121	103	108	126	110	117

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	127	123	124	123	111	117	98	92	94	93	87	90
2	128	125	127	125	110	116	101	93	96	108	87	89
3	136	127	130	126	113	118	98	91	93	96	86	88
4	146	128	133	121	112	116	95	90	91	113	87	89
5	143	126	134	120	113	116	95	90	91	116	88	94
6	138	124	131	120	111	115	100	91	94	97	88	90
7	140	123	133	124	109	115	101	91	94	97	85	88
8	149	126	134	120	107	112	96	91	93	113	86	90
9	148	125	134	127	109	115	105	91	95	104	83	90
10	---	---	---	134	111	119	110	93	97	107	83	87
11	---	---	---	149	112	121	96	89	93	114	85	90
12	---	---	---	160	110	125	95	89	92	98	85	88
13	---	---	---	128	107	112	96	89	93	93	83	85
14	---	---	---	115	105	110	101	90	97	98	83	86
15	---	---	---	115	104	109	99	91	94	87	83	85
16	---	---	---	117	104	111	94	88	91	98	83	85
17	---	---	---	114	103	108	94	87	89	98	84	87
18	---	---	---	118	104	110	91	86	88	96	85	87
19	121	113	117	115	106	111	93	87	89	101	86	89
20	116	113	114	112	100	105	101	89	92	99	84	87
21	122	113	119	113	99	104	106	89	95	102	84	87
22	126	119	121	111	101	106	98	87	90	96	83	87
23	127	118	121	116	105	109	99	86	90	90	84	86
24	125	115	119	114	104	109	96	86	89	90	84	87
25	120	112	116	111	99	105	89	85	86	97	86	89
26	122	110	114	109	99	104	88	85	86	106	86	89
27	117	111	114	105	98	102	95	86	89	98	86	89
28	125	111	116	109	98	101	95	86	88	107	84	88
29	---	---	---	103	95	99	91	86	88	92	84	87
30	---	---	---	101	95	99	93	90	91	90	85	86
31	---	---	---	104	94	100	---	---	---	87	84	85
MONTH	149	110	124	160	94	110	110	85	92	116	83	88
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	89	84	86	82	77	80	82	74	77	97	90	93
2	92	85	87	85	81	84	78	71	74	96	89	91
3	93	84	87	85	83	84	76	71	73	99	89	92
4	115	80	86	87	84	85	80	73	75	96	89	91
5	85	77	80	85	83	84	88	77	80	94	89	91
6	82	75	78	86	83	85	91	84	88	92	88	90
7	80	75	77	86	83	85	90	86	88	94	90	92
8	99	78	81	86	83	84	90	86	88	93	89	91
9	94	79	81	86	82	84	89	85	87	92	89	91
10	95	80	82	85	81	83	91	86	88	95	90	91
11	99	79	82	83	80	82	89	85	88	93	90	91
12	92	80	83	84	81	82	87	85	86	93	90	91
13	94	78	83	83	80	81	87	86	87	94	90	92
14	86	78	80	82	80	81	88	86	87	97	91	94
15	---	---	---	80	78	79	89	86	87	105	92	96
16	---	---	---	80	78	79	90	87	88	119	93	98
17	---	---	---	81	78	79	91	88	89	145	92	104
18	---	---	---	83	79	81	93	88	91	135	91	101
19	91	86	88	87	80	82	95	89	91	130	91	100
20	123	84	88	86	79	81	111	89	95	125	91	100
21	124	83	86	89	79	82	101	89	93	141	92	105
22	123	84	87	84	79	81	101	90	93	134	92	101
23	120	85	88	88	81	83	125	90	97	113	90	95
24	92	85	86	95	83	87	138	92	107	112	89	94
25	97	85	86	92	83	86	122	91	105	105	89	94
26	102	86	88	90	81	85	106	90	94	101	90	93
27	120	86	91	88	79	82	105	89	93	95	87	90
28	104	83	92	82	78	79	102	89	91	92	87	89
29	95	75	84	79	76	77	91	88	89	92	88	90
30	78	73	75	82	77	78	103	88	91	94	87	89
31	---	---	---	83	75	78	100	90	93	---	---	---
MONTH	124	73	84	95	75	82	138	71	89	145	87	94
YEAR	160	71	99									

COOPER RIVER BASIN
02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	24.0	24.5	21.0	20.0	20.5	13.5	13.0	13.0	12.0	10.0	11.5
2	24.5	24.0	24.5	20.5	19.0	20.0	14.0	12.5	13.5	11.0	10.0	10.5
3	25.0	24.0	24.5	19.0	17.0	18.0	13.5	11.5	12.5	12.0	11.0	11.5
4	25.0	23.0	24.0	18.0	16.5	17.0	13.0	11.5	12.5	12.5	12.0	12.0
5	23.0	21.5	22.5	19.0	17.5	18.0	13.0	12.0	12.5	13.5	12.5	12.5
6	22.5	21.5	22.0	19.5	19.0	19.0	13.0	12.0	12.5	13.5	12.5	13.0
7	22.0	21.0	21.5	19.5	19.0	19.0	13.5	12.0	13.0	12.5	11.5	12.0
8	22.0	21.5	21.5	20.0	18.0	19.5	13.0	11.5	12.5	11.5	10.5	11.0
9	22.0	20.5	21.0	18.0	16.0	17.0	12.0	10.5	11.0	11.5	10.5	11.0
10	21.5	19.5	20.5	16.5	15.0	16.0	12.0	9.5	10.5	11.5	10.0	10.5
11	21.0	19.5	20.5	16.0	14.5	15.0	12.0	11.0	11.5	10.0	9.0	9.5
12	20.5	18.5	19.5	15.0	13.5	14.5	13.0	11.5	12.0	10.0	8.0	9.0
13	20.5	19.0	19.5	15.0	13.0	14.0	13.0	12.0	13.0	10.0	9.0	9.5
14	21.0	19.5	20.0	15.0	13.5	14.5	12.0	11.0	11.5	9.5	8.5	9.0
15	21.0	19.5	20.0	15.0	13.0	13.5	11.5	10.5	11.0	10.5	8.5	9.5
16	21.0	20.0	20.5	13.5	12.0	13.0	11.0	10.0	10.5	11.5	10.0	11.0
17	21.0	20.0	20.5	14.0	13.0	13.5	12.0	10.5	11.0	10.0	7.5	8.5
18	21.5	20.5	21.0	15.0	13.5	14.0	12.5	11.0	12.0	7.5	6.0	7.0
19	21.0	18.5	19.5	15.0	14.0	14.5	11.0	9.0	10.5	7.0	6.0	6.5
20	19.0	17.5	18.0	15.0	14.0	14.5	9.0	7.5	8.0	8.0	5.5	6.5
21	19.5	17.5	18.5	15.0	14.0	14.5	9.0	7.5	8.5	9.0	6.5	7.5
22	20.0	18.0	19.0	15.0	12.5	13.5	9.5	7.5	8.5	9.0	8.0	8.0
23	20.0	19.0	19.5	13.0	11.5	12.0	10.5	8.0	9.0	9.5	8.5	9.0
24	20.0	18.5	19.5	14.0	12.0	13.0	11.0	10.0	10.0	10.5	9.0	9.5
25	20.0	18.0	19.0	14.0	13.5	13.5	11.5	9.5	10.5	11.0	10.0	10.5
26	20.5	19.0	19.5	15.0	14.0	14.5	10.5	9.0	9.5	10.5	9.0	9.5
27	20.5	19.5	20.0	14.0	12.0	12.5	10.5	9.5	10.0	---	---	---
28	20.5	19.5	20.0	12.5	11.0	11.5	11.0	10.0	10.5	---	---	---
29	21.0	20.0	20.5	12.5	10.5	11.5	12.0	11.0	11.0	---	---	---
30	21.0	20.0	20.5	13.0	12.0	12.5	12.0	11.0	11.5	9.0	8.5	8.5
31	21.5	20.5	21.0	---	---	---	12.0	11.0	11.5	9.0	8.5	8.5
MONTH	25.0	17.5	20.7	21.0	10.5	15.1	14.0	7.5	11.1	13.5	5.5	9.7

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

COOPER RIVER BASIN
02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

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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, 18.79 ft, Oct. 8; minimum gage height, 12.99 ft, Nov. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.14	14.98	16.20	16.72	14.71	15.85	16.67	14.91	15.81	17.11	14.64	15.97
2	17.13	14.87	16.18	16.26	14.02	15.23	15.97	13.75	15.12	16.94	14.88	16.14
3	17.15	14.83	16.18	16.61	14.52	15.59	16.29	14.79	15.65	16.37	14.45	15.52
4	17.45	15.37	16.51	16.76	14.97	15.93	16.45	15.25	15.95	16.11	14.34	15.29
5	17.29	15.81	16.60	16.77	14.95	15.90	16.67	15.18	16.00	16.39	14.22	15.28
6	17.53	15.81	16.62	17.13	15.04	16.03	16.49	14.71	15.59	16.37	13.41	15.22
7	18.09	16.27	17.11	17.26	15.19	16.15	16.56	14.61	15.63	16.87	14.27	15.79
8	18.79	17.11	17.86	17.33	15.59	16.49	17.01	14.56	15.84	17.41	14.49	16.08
9	17.84	16.38	17.15	16.64	14.53	15.59	16.90	14.04	15.71	17.63	15.37	16.60
10	17.54	15.83	16.71	16.71	14.43	15.71	17.27	14.74	16.15	17.17	14.50	15.84
11	17.58	15.64	16.63	16.91	14.31	15.79	17.07	14.92	16.01	16.59	13.53	15.01
12	17.40	15.71	16.57	16.74	14.49	15.77	17.23	14.33	15.91	16.59	13.47	15.29
13	17.62	15.49	16.60	16.83	14.41	15.76	17.11	14.45	16.01	16.79	14.63	15.73
14	17.67	15.51	16.73	16.79	14.44	15.79	17.32	14.84	16.29	16.60	14.67	15.68
15	17.29	15.09	16.36	16.99	14.70	15.97	17.44	15.29	16.49	16.69	14.73	15.82
16	17.56	15.13	16.52	17.30	15.07	16.27	17.60	15.88	16.74	16.90	13.96	15.70
17	17.41	15.25	16.38	17.26	15.48	16.40	17.72	15.78	16.87	16.22	13.95	15.24
18	17.05	14.88	16.07	16.99	14.97	16.15	17.17	15.23	16.29	16.36	13.63	15.25
19	16.85	14.50	15.71	17.22	15.47	16.40	16.99	15.03	16.05	16.04	13.13	15.00
20	17.03	15.06	16.13	17.50	15.64	16.57	16.32	14.28	15.38	16.23	14.15	15.20
21	17.16	15.05	16.17	17.63	15.79	16.72	16.66	14.52	15.63	16.46	13.54	15.12
22	17.39	15.29	16.40	17.29	15.50	16.39	16.71	14.57	15.57	16.90	14.02	15.57
23	17.60	15.43	16.57	17.43	15.31	16.33	16.30	13.88	15.18	16.07	13.72	14.96
24	17.19	15.19	16.22	16.96	14.83	15.87	16.29	13.87	15.19	16.56	13.37	15.14
25	17.48	14.83	16.39	16.73	14.31	15.66	16.09	13.29	14.87	16.25	14.01	15.16
26	17.18	15.11	16.16	16.64	13.78	15.41	16.89	13.84	15.69	16.61	13.33	15.13
27	17.17	14.81	16.13	16.78	12.99	15.22	16.86	14.36	15.85	16.53	14.34	15.54
28	17.45	14.94	16.39	16.93	14.25	15.70	16.45	14.19	15.34	16.56	14.29	15.50
29	17.23	15.15	16.31	17.01	14.43	15.92	16.51	14.39	15.45	16.55	14.25	15.61
30	17.59	15.37	16.63	16.76	14.83	15.93	16.26	14.12	15.32	16.99	15.33	16.16
31	17.08	14.70	15.89	---	---	---	16.31	14.28	15.44	16.53	14.63	15.63
MONTH	18.79	14.50	16.45	17.63	12.99	15.95	17.72	13.29	15.77	17.63	13.13	15.52

COOPER RIVER BASIN
02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	16.10	13.93	15.17	16.25	14.33	15.34	15.51	13.20	14.61	17.20	15.16	16.42
2	15.95	13.95	15.09	16.14	13.68	15.04	---	---	---	17.23	14.98	16.09
3	16.37	13.99	15.49	16.22	14.10	15.38	---	---	---	17.02	15.31	16.26
4	17.00	14.42	15.97	16.36	14.17	15.42	17.24	15.28	16.33	16.90	14.78	15.80
5	17.16	15.01	16.06	17.07	14.71	15.99	17.11	15.05	16.11	17.13	14.49	15.75
6	17.22	14.28	15.91	17.03	14.57	15.74	17.16	14.71	15.91	17.23	14.69	15.83
7	17.64	15.18	16.53	17.07	14.03	15.75	17.10	14.82	16.02	17.05	14.68	15.73
8	17.57	15.46	16.43	16.76	14.55	15.72	17.06	14.66	15.91	17.04	14.93	15.97
9	17.03	14.28	15.91	16.67	14.01	15.43	17.14	14.72	16.00	17.17	14.54	15.88
10	17.24	15.04	16.18	17.05	14.53	15.79	16.99	15.02	16.09	16.36	14.02	15.22
11	17.10	15.19	16.16	16.75	14.39	15.56	17.38	15.60	16.44	16.46	14.44	15.52
12	17.13	14.96	16.15	16.98	14.90	16.12	17.27	15.29	16.33	16.61	14.74	15.73
13	17.28	15.16	16.26	17.34	15.77	16.59	16.92	14.48	15.74	16.58	14.55	15.68
14	17.49	15.22	16.58	17.53	15.70	16.67	16.50	14.95	15.71	16.28	14.14	15.38
15	16.97	14.11	15.74	16.99	14.25	15.72	17.02	15.20	16.20	16.47	14.42	15.59
16	16.36	14.11	15.61	16.25	14.69	15.58	17.06	15.44	16.33	16.36	13.61	15.10
17	16.49	14.55	15.55	16.53	14.81	15.75	16.98	15.33	16.18	15.83	13.63	14.95
18	16.78	14.62	15.76	16.39	14.54	15.52	16.51	14.50	15.55	16.08	13.74	14.89
19	16.79	14.45	15.69	16.61	14.55	15.57	16.39	14.25	15.30	16.50	13.78	14.99
20	16.72	14.19	15.65	17.11	14.51	16.02	16.92	14.59	15.77	16.54	13.80	15.10
21	16.78	14.47	15.81	17.04	15.10	16.08	17.38	15.18	16.26	16.92	13.90	15.19
22	16.73	14.42	15.45	16.82	14.86	15.90	17.12	15.10	16.13	17.24	14.92	15.93
23	16.21	13.30	14.99	17.05	14.72	15.94	17.12	15.18	16.17	17.41	15.19	16.19
24	16.39	14.15	15.30	17.13	15.22	16.10	17.08	14.83	16.11	17.44	15.06	16.09
25	16.49	14.16	15.36	17.30	15.40	16.36	17.20	15.33	16.29	17.05	14.69	15.86
26	16.75	14.68	15.74	17.06	14.40	15.70	17.22	15.06	16.16	16.90	14.66	15.70
27	16.60	14.44	15.48	16.56	14.22	15.42	17.25	15.57	16.50	16.62	14.59	15.80
28	16.09	14.25	15.29	16.58	14.62	15.66	17.56	15.68	16.67	17.44	15.80	16.67
29	---	---	---	16.80	13.89	15.31	17.09	14.94	16.07	17.36	15.54	16.56
30	---	---	---	15.88	13.64	14.80	17.30	15.30	16.32	17.40	15.54	16.53
31	---	---	---	16.09	13.50	14.84	---	---	---	17.30	14.93	16.24

COOPER RIVER BASIN
02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

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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, 363 microsiemens, Sept. 17; minimum, 70 microsiemens, July 1.

WATER TEMPERATURE: Maximum, 30.5°C, July 28, 29; minimum, 7.0°C, Jan. 19 - 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	143	110	124	121	112	116	125	115	119	115	109	110
2	134	105	114	120	114	116	124	116	120	112	109	110
3	115	101	107	128	115	120	121	114	118	113	110	112
4	108	101	104	147	116	127	118	113	114	114	111	113
5	106	101	103	196	121	146	114	112	113	118	113	115
6	106	102	104	203	126	157	116	112	114	145	114	126
7	107	102	104	192	122	152	120	112	116	160	116	132
8	102	95	98	221	119	163	147	113	124	157	115	131
9	99	85	95	153	118	135	125	114	121	159	115	131
10	109	85	100	175	117	137	134	111	120	131	118	123
11	107	98	103	164	121	136	156	110	121	126	117	121
12	106	101	102	185	115	136	128	108	118	138	119	125
13	108	101	104	191	115	138	146	109	125	124	116	120
14	111	106	108	221	120	152	124	106	113	121	116	118
15	113	109	110	227	118	156	116	105	109	119	115	117
16	113	111	112	287	122	179	118	105	112	131	116	121
17	115	112	113	230	129	181	126	110	115	120	115	118
18	116	113	115	291	135	187	120	109	115	118	116	117
19	120	114	116	225	123	161	117	106	111	121	117	119
20	127	115	119	169	122	148	116	105	109	123	118	121
21	138	118	125	197	135	159	111	106	108	125	121	123
22	151	122	131	152	124	139	112	107	109	123	120	122
23	158	118	133	155	124	137	119	109	113	124	121	122
24	130	118	124	185	130	146	135	112	118	127	122	124
25	127	117	123	261	138	175	132	113	121	143	123	128
26	133	117	122	176	127	151	147	108	127	134	124	129
27	174	122	139	148	122	138	137	107	117	160	124	136
28	148	117	139	134	117	126	119	107	112	139	126	132
29	145	117	129	125	116	119	117	110	114	128	123	126
30	131	119	125	123	115	118	126	111	117	128	122	125
31	126	110	117	---	---	---	121	111	115	132	124	127
MONTH	174	85	115	291	112	145	156	105	116	160	109	122

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	132	126	128	122	116	118	106	95	100	96	89	93
2	132	127	129	122	118	119	---	---	---	95	88	92
3	180	129	146	123	118	121	---	---	---	92	88	90
4	285	140	189	125	117	120	108	93	102	100	87	92
5	207	142	168	129	116	121	107	93	98	101	89	94
6	170	132	153	123	117	121	123	96	103	100	92	95
7	153	125	137	128	116	122	125	97	111	95	88	92
8	149	125	133	140	113	121	107	95	102	102	89	94
9	160	127	141	150	120	133	151	101	119	96	88	92
10	139	126	132	205	124	156	163	97	121	94	88	91
11	158	126	139	196	125	148	123	94	104	99	88	94
12	149	126	135	239	121	185	102	90	96	105	90	96
13	145	125	133	167	116	135	110	91	101	96	88	91
14	149	126	135	121	107	113	111	94	100	93	88	90
15	129	123	127	131	105	114	106	93	98	91	87	89
16	131	119	125	131	106	112	101	89	94	94	87	89
17	128	118	123	113	104	108	103	88	94	92	86	89
18	127	117	122	113	103	109	112	89	98	94	90	92
19	121	118	119	111	104	107	111	89	97	97	91	94
20	121	118	119	107	100	104	154	93	101	98	89	94
21	122	118	120	104	100	102	167	102	131	103	90	93
22	122	118	120	108	100	104	137	94	116	108	91	100
23	124	118	120	121	102	110	137	95	113	108	89	101
24	122	119	120	118	104	111	123	88	102	97	90	94
25	122	119	121	111	99	106	105	86	93	114	93	101
26	121	117	120	108	99	103	97	87	91	116	94	103
27	120	117	118	103	98	101	119	87	104	125	93	106
28	120	117	118	106	97	102	125	92	100	158	97	122
29	---	---	---	106	97	101	101	89	93	119	96	109
30	---	---	---	104	96	101	101	90	95	112	93	101
31	---	---	---	115	100	106	---	---	---	99	90	95
MONTH	285	117	132	239	96	117	167	86	103	158	86	96
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	105	90	96	83	70	75	108	80	92	107	92	99
2	103	93	98	82	74	77	97	80	88	106	92	98
3	126	93	100	84	80	82	91	80	84	110	92	100
4	126	90	106	87	82	85	88	78	83	112	91	99
5	118	87	103	90	84	86	85	77	81	99	83	93
6	108	83	93	90	83	86	92	74	83	94	82	88
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COOPER RIVER BASIN
02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	24.0	24.5	21.0	20.5	21.0	13.5	12.5	13.0	12.5	11.5	12.0
2	24.5	24.0	24.0	21.0	20.0	20.5	13.5	13.0	13.5	11.5	10.5	11.0
3	24.0	23.5	24.0	20.0	19.0	19.5	13.5	13.0	13.0	12.0	11.0	11.5
4	24.0	23.0	24.0	19.0	18.0	18.5	13.0	12.5	13.0	12.5	12.0	12.0
5	23.0	22.0	22.5	18.5	18.0	18.0	12.5	12.5	12.5	13.5	12.5	13.0
6	22.0	21.5	21.5	19.0	18.0	18.5	13.0	12.5	12.5	13.5	13.0	13.5
7	21.5	20.5	21.0	19.5	18.5	19.0	13.0	12.5	12.5	13.5	12.5	13.0
8	21.0	20.5	20.5	20.0	19.5	19.5	13.0	12.5	13.0	12.5	11.0	12.0
9	21.0	20.0	20.5	19.5	17.5	18.5	12.5	11.5	12.0	11.5	11.0	11.0
10	21.0	20.0	20.5	17.5	16.5	17.0	11.5	11.0	11.5	11.0	10.5	11.0
11	20.5	19.5	20.0	16.5	16.0	16.0	12.0	11.0	11.5	10.5	9.5	10.0
12	20.5	19.0	20.0	16.0	15.0	15.5	12.5	11.5	12.0	10.0	9.0	9.5
13	20.5	19.0	20.0	15.5	14.5	15.0	13.0	12.5	13.0	9.5	9.0	9.5
14	20.5	19.5	20.0	15.0	14.0	14.5	12.5	12.0	12.5	9.5	8.5	9.0
15	21.0	19.5	20.5	14.5	13.5	14.0	12.0	11.5	12.0	9.5	9.0	9.0
16	21.0	20.0	20.5	13.5	13.0	13.0	11.5	11.0	11.5	10.5	9.5	10.0
17	21.0	20.5	20.5	13.5	12.5	13.0	12.0	11.0	11.5	10.0	9.0	9.5
18	21.5	20.5	21.0	14.0	13.0	13.5	12.0	12.0	12.0	9.0	8.0	8.5
19	21.0	20.0	20.5	14.5	13.5	14.0	12.0	10.5	11.5	8.0	7.0	7.5
20	20.0	19.0	19.5	14.5	14.0	14.0	10.5	9.5	10.0	7.5	7.0	7.0
21	19.5	19.0	19.0	15.0	14.0	14.5	9.5	9.0	9.0	8.5	7.0	7.5
22	19.5	18.5	19.0	14.5	13.5	14.0	9.5	9.0	9.0	9.0	8.0	8.5
23	20.0	19.0	19.5	13.5	13.0	13.0	9.5	8.5	9.0	10.0	8.5	9.0
24	20.0	19.0	19.5	13.5	13.0	13.5	11.0	9.5	10.0	11.0	9.5	10.0
25	20.0	19.0	19.5	14.5	13.5	14.0	11.0	10.5	11.0	11.0	10.0	10.5
26	20.0	19.0	19.5	15.0	14.5	14.5	11.0	10.0	10.5	10.5	10.0	10.5
27	20.5	19.5	20.0	14.5	13.0	14.0	10.5	10.0	10.5	10.5	9.5	10.0
28	21.0	20.0	20.5	13.0	12.5	13.0	11.0	10.0	10.5	11.0	10.0	10.5
29	21.0	20.0	20.5	12.5	12.0	12.0	12.0	11.0	11.5	10.5	10.0	10.5
30	21.5	20.5	21.0	12.5	12.0	12.5	12.5	11.5	12.0	10.0	8.5	9.0
31	21.5	20.5	21.0	---	---	---	13.0	11.5	12.5	9.0	8.5	8.5
MONTH	24.5	18.5	20.8	21.0	12.0	15.6	13.5	8.5	11.6	13.5	7.0	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	8.5	9.0	15.5	13.5	14.5	19.0	17.0	17.5	21.5	20.0	21.0
2	10.0	9.0	9.5	17.0	14.5	15.5	---	---	---	22.0	20.5	21.5
3	11.0	10.0	10.5	17.5	16.5	17.0	---	---	---	22.0	21.0	21.5
4	11.0	10.5	11.0	18.0	16.0	17.5	19.0	17.0	18.0	22.0	20.5	21.0
5	12.5	10.5	11.5	18.5	16.0	17.5	19.5	18.0	18.5	21.5	20.0	21.0
6	12.0	10.5	11.5	18.0	16.5	17.5	20.5	19.0	19.5	21.5	20.5	21.0
7	11.5	10.5	11.0	17.5	16.0	16.5	21.0	19.5	20.5	22.0	21.0	21.5
8	11.5	10.5	11.0	17.0	15.0	16.0	20.0	18.0	19.5	22.5	21.0	21.5
9	11.0	10.5	11.0	18.0	16.5	17.0	20.0	19.0	19.5	22.5	21.5	22.0
10	10.5	10.0	10.0	18.5	17.0	18.0	19.5	18.5	19.0	22.5	21.5	22.0
11	10.5	9.5	10.0	19.0	17.5	18.5	19.0	18.0	18.5	22.0	21.0	21.5
12	10.5	9.5	10.0	19.5	17.5	18.5	19.0	18.5	19.0	21.5	21.5	21.5
13	10.5	10.0	10.0	18.5	17.5	18.0	19.5	19.0	19.5	22.0	21.0	21.5
14	10.0	9.5	10.0	18.0	16.5	17.0	19.5	18.0	18.5	22.0	21.0	21.5
15	10.0	9.5	9.5	18.0	15.0	16.5	18.5	17.5	18.0	22.5	21.5	22.0
16	10.5	9.5	10.0	17.0	15.5	16.5	19.0	17.5	18.0	22.5	21.5	22.0
17	11.0	10.0	10.0	17.0	15.5	16.0	19.0	18.0	18.5	23.0	21.5	22.0
18	11.5	10.0	10.5	17.0	15.5	16.5	18.5	16.5	17.5	24.0	22.0	23.0
19	12.5	11.0	11.5	18.5	16.5	17.5	17.5	16.0	17.0	25.0	23.0	24.0
20	13.0	11.5	12.0	18.0	16.5	17.0	18.5	17.0	17.5	25.0	23.5	24.0
21	14.0	11.5	12.5	18.5	16.0	17.5	20.0	18.0	19.0	25.0	23.5	24.0
22	14.0	12.5	13.0	19.0	17.5	18.0	21.0	19.5	20.0	25.0	23.5	24.5
23	13.5	12.5	13.0	19.0	17.0	18.0	20.5	19.5	20.0	25.0	24.0	24.5
24	13.0	12.0	12.5	19.0	17.5	18.5	19.5	18.5	19.0	24.5	23.5	24.0
25	13.0	12.0	12.5	18.5	17.5	18.0	19.5	18.5	19.0	24.5	23.5	24.0
26	13.0	12.0	12.5	19.0	17.5	18.0	19.5	19.0	19.0	24.5	23.5	24.0
27	15.0	12.5	13.5	19.0	18.0	18.5	19.0	19.0	19.0	24.5	23.5	24.0
28	15.5	14.0	14.5	19.5	18.5	19.0	20.0	19.0	19.5	24.0	22.0	22.5
29	---	---	---	21.0	19.0	20.0	20.0	19.5	19.5	22.5	21.5	22.0
30	---	---	---	21.0	20.0	20.5	20.5	19.5	20.0	23.5	22.0	23.0
31	---	---	---	21.0	19.0	20.0	---	---	---	24.0	23.0	23.5
MONTH	15.5	8.5	11.2	21.0	13.5	17.6	21.0	16.0	18.9	25.0	20.0	22.5

COOPER RIVER BASIN
02172050 COOPER RIVER NEAR GOOSE CREEK, SC

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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, 19.42 ft, Oct. 8; minimum gage height, 12.03 ft, Jan. 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.85	14.26	16.25	17.39	14.24	15.94	17.43	14.52	15.92	17.69	14.09	15.99
2	17.79	14.18	16.18	16.82	13.78	15.34	16.76	13.18	15.19	17.38	14.29	16.01
3	17.72	14.22	16.21	17.39	14.56	15.94	17.03	14.39	15.74	16.98	13.44	15.39
4	18.13	14.97	16.68	17.39	14.55	16.14	17.07	14.58	15.93	16.84	13.61	15.34
5	17.90	15.22	16.65	17.39	14.55	16.09	17.35	14.19	16.12	17.21	12.74	15.35
6	18.11	15.20	16.78	17.64	14.56	16.20	16.94	13.99	15.61	16.99	12.48	15.31
7	18.80	15.69	17.31	17.87	14.68	16.37	17.44	13.98	15.81	17.52	13.18	15.78
8	19.42	15.71	17.63	18.10	14.56	16.50	17.71	13.79	16.02	17.90	13.34	16.08
9	---	---	---	17.36	13.27	15.64	17.61	13.14	15.77	18.49	14.21	16.51
10	---	---	---	17.63	13.56	15.85	18.30	13.74	16.27	17.61	12.84	15.41
11	---	---	---	17.90	13.42	15.92	18.00	13.75	16.00	17.01	12.03	14.82
12	18.15	14.93	16.66	17.70	13.67	15.85	18.01	13.11	15.82	17.52	12.41	15.22
13	18.43	14.72	16.70	17.80	13.54	15.84	17.84	13.28	15.88	17.51	13.29	15.55
14	18.41	14.72	16.68	17.78	13.59	15.89	18.17	13.76	16.17	17.32	13.33	15.54
15	17.95	14.14	16.24	17.93	13.97	16.06	18.29	14.31	16.45	17.40	14.00	15.79
16	18.29	14.38	16.48	18.26	14.22	16.43	18.38	14.80	16.72	17.69	12.53	15.53
17	18.11	14.31	16.36	18.02	14.57	16.45	18.30	14.78	16.80	16.69	13.16	15.15
18	17.90	14.16	16.15	17.74	14.20	16.20	17.73	14.26	16.13	16.74	12.25	15.05
19	17.81	13.67	15.85	17.93	14.58	16.42	17.60	12.73	15.77	16.85	12.21	15.20
20	17.87	14.33	16.24	18.14	14.78	16.74	16.81	12.69	15.16	16.82	13.32	15.24
21	17.99	14.39	16.31	18.35	14.92	16.85	17.38	13.24	15.60	17.17	12.63	15.20
22	18.23	14.50	16.56	18.06	14.51	16.37	17.40	13.44	15.55	17.61	13.07	15.53
23	18.27	14.51	16.61	18.27	14.40	16.45	17.16	12.84	15.21	16.93	12.79	14.95
24	17.90	14.18	16.24	17.87	13.86	15.97	17.15	12.84	15.19	17.22	12.51	15.27
25	18.21	13.80	16.40	17.71	13.42	15.79	16.82	12.27	14.89	17.14	13.35	15.31
26	18.09	14.07	16.25	17.30	12.73	15.31	17.57	13.08	15.66	17.43	12.78	15.25
27	18.10	13.84	16.25	17.61	12.20	15.33	17.42	13.31	15.60	17.41	13.86	15.72
28	18.30	14.03	16.40	17.78	13.64	15.76	17.16	13.40	15.33	17.25	13.57	15.50
29	17.99	14.22	16.34	17.73	13.75	15.91	17.27	13.79	15.49	17.37	13.88	15.72
30	18.31	14.75	16.62	17.59	14.30	16.04	16.97	13.48	15.32	17.65	14.75	16.13
31	17.59	13.90	15.87	---	---	---	16.87	13.67	15.36	17.13	13.99	15.62
MONTH	19.42	13.67	16.46	18.35	12.20	16.05	18.38	12.27	15.76	18.49	12.03	15.50

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	16.78	13.49	15.21	16.90	13.58	15.28	16.33	12.61	14.83	17.86	14.10	16.35
2	16.82	13.53	15.34	16.91	13.22	15.15	---	---	---	18.06	14.02	16.18
3	17.29	13.68	15.72	16.91	13.88	15.49	---	---	---	17.81	14.39	16.30
4	17.69	13.68	16.21	17.01	13.44	15.53	17.91	14.47	16.36	17.67	13.39	15.68
5	17.97	14.14	16.08	17.65	14.12	16.20	17.97	13.86	16.15	17.93	13.35	15.85
6	17.87	13.04	16.00	17.69	13.36	15.75	18.05	13.67	16.03	18.02	13.33	15.82
7	18.45	14.06	16.54	17.75	12.89	15.86	17.97	13.79	16.12	18.03	13.49	15.75
8	18.39	14.10	16.31	17.65	13.41	15.77	18.15	13.54	15.99	18.16	13.85	16.01
9	18.03	12.93	15.84	17.68	12.78	15.51	18.13	13.77	16.09	18.12	13.59	15.80
10	18.03	13.98	16.16	17.80	13.33	15.80	18.11	13.91	16.18	17.17	13.11	15.31
11	17.95	14.01	16.19	17.76	13.21	15.61	18.21	14.67	16.44	17.33	13.82	15.70
12	17.88	14.05	16.10	17.87	13.93	16.19	18.03	14.38	16.26	17.43	14.06	15.78
13	18.07	14.14	16.42	18.17	14.73	16.58	17.54	13.85	15.70	17.35	14.08	15.73
14	18.27	14.16	16.41	18.29	14.43	16.51	17.02	14.20	15.69	16.87	13.75	15.53
15	17.56	13.34	15.63	17.51	13.59	15.57	17.50	14.73	16.25	17.03	13.75	15.63
16	17.10	13.93	15.70	17.02	14.13	15.67	17.54	14.86	16.34	17.07	13.23	15.25
17	17.13	13.93	15.67	17.17	14.20	15.81	17.33	14.10	16.09	16.64	13.09	15.14
18	17.31	13.99	15.81	17.14	14.02	15.70	17.04	13.85	15.59	16.98	12.97	15.08
19	17.36	13.72	15.71	17.09	14.01	15.68	17.23	13.79	15.57	17.26	12.81	15.18
20	17.33	13.35	15.61	17.76	13.80	16.18	17.82	14.06	16.07	17.33	12.67	15.18
21	17.36	13.63	15.77	17.71	14.59	16.28	18.18	14.66	16.47	18.03	13.12	15.44
22	17.23	13.50	15.32	17.57	14.26	16.05	17.85	14.35	16.17	18.27	14.05	16.11
23	17.20	12.19	15.06	17.91	13.98	16.19	17.70	14.25	16.25	18.41	14.19	16.22
24	17.18	13.35	15.30	18.07	14.33	16.21	18.04	14.09	16.14	18.32	14.03	16.10
25	17.30	13.46	15.45	17.82	14.55	16.36	18.03	14.45	16.32	17.99	13.82	15.92
26	17.40	14.03	15.79	17.70	13.24	15.57	18.03	14.47	16.25	17.83	13.67	15.69
27	17.23	13.36	15.40	17.39	13.38	15.53	18.16	14.89	16.65	17.47	13.77	15.99
28	16.78	13.28	15.23	17.43	14.08	15.74	18.39	14.58	16.56	18.46	15.23	16.85
29	---	---	---	17.53	12.93	15.29	17.60	13.88	15.91	18.15	14.82	16.64
30	---	---	---	16.69	13.00	15.01	17.81	14.67	16.40	18.05	14.51	16.52
31	---	---	---	17.06	12.54	14.82	---	---	---	18.06	14.09	16.34

COOPER RIVER BASIN
02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

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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, 1,430 microsiemens, April 21; minimum, 68 microsiemens, July 1.

WATER TEMPERATURE: Maximum, 31.0°C, July 14, Aug. 1; minimum, 7.5°C, Jan. 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	365	131	243	152	114	130	204	124	162	166	108	139
2	297	115	201	140	114	124	194	124	153	160	112	126
3	199	109	145	230	116	151	168	118	142	130	108	120
4	167	109	137	818	126	464	158	114	130	134	112	120
5	197	109	139	984	162	609	158	112	131	202	114	146
6	231	109	163	942	184	595	160	116	136	368	118	217
7	618	115	329	790	158	474	224	114	155	398	118	249
8	888	104	285	848	190	433	472	118	246	454	124	255
9	---	---	---	340	128	224	420	126	253	666	118	277
10	---	---	---	368	128	248	448	126	252	376	118	189
11	---	---	---	400	130	266	488	128	258	182	118	145
12	126	86	100	434	128	271	416	122	236	258	122	177
13	162	90	120	458	128	280	380	124	232	230	118	167
14	160	94	119	544	140	336	304	116	209	188	118	154
15	124	96	106	630	160	380	256	108	183	166	118	142
16	114	100	106	924	190	515	334	122	216	224	118	165
17	116	100	107	1030	210	638	380	118	244	152	116	134
18	138	104	113	852	210	548	282	118	193	128	112	120
19	158	102	120	738	158	419	214	106	151	152	114	126
20	270	106	176	572	144	353	122	104	111	182	118	152
21	356	116	230	576	158	363	126	104	112	202	122	163
22	402	134	260	370	136	240	136	106	119	202	124	159
23	428	130	251	350	130	236	188	108	139	170	124	148
24	258	114	180	410	144	274	244	114	173	194	124	153
25	260	118	171	632	168	370	256	122	187	244	126	181
26	256	108	166	558	150	293	366	130	219	258	130	193
27	400	128	239	354	144	241	318	112	163	328	144	224
28	468	138	269	304	130	211	156	108	128	336	134	232
29	302	114	191	234	118	162	194	116	147	236	128	187
30	302	118	199	178	122	143	214	122	166	210	122	156
31	148	108	124	---	---	---	206	112	158	144	122	132
MONTH	888	86	178	1030	114	333	488	104	178	666	108	169

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	140	122	130	116	108	113	148	102	123	134	90	106
2	200	124	152	118	112	114	808	106	353	106	86	95
3	846	130	370	166	112	130	820	136	475	116	84	100
4	1210	152	675	182	116	137	472	104	252	116	82	95
5	1090	166	516	288	122	188	284	100	179	174	82	112
6	664	144	366	268	126	188	356	102	200	194	92	137
7	506	140	295	302	124	200	388	114	226	180	86	120
8	370	130	233	338	122	204	390	106	201	184	92	132
9	316	130	205	632	136	269	476	122	269	206	84	123
10	296	130	205	682	160	387	494	128	301	128	86	109
11	360	148	243	586	174	384	514	96	259	170	94	129
12	366	134	234	834	206	486	322	94	182	192	90	142
13	294	140	221	786	146	428	202	96	143	170	84	127
14	340	124	208	528	122	258	160	92	125	126	86	106
15	174	124	148	170	112	131	146	90	120	122	86	104
16	152	124	143	140	112	128	140	86	109	100	84	92
17	156	122	142	144	108	126	122	84	100	106	82	96
18	162	124	144	150	108	127	114	82	92	144	90	116
19	158	114	135	162	112	134	174	84	107	166	94	128
20	140	114	126	148	106	127	826	94	314	156	94	127
21	126	114	120	168	104	131	1430	180	712	206	94	129
22	124	114	120	206	106	155	1270	128	512	420	108	222
23	130	112	118	376	114	196	830	126	377	436	122	267
24	134	122	127	368	124	241	516	102	274	362	102	207
25	146	122	133	368	112	201	356	94	195	284	112	203
26	166	122	144	218	104	142	240	96	160	272	100	188
27	158	108	135	136	102	119	378	114	221	226	108	180
28	128	108	117	170	106	132	460	92	222	594	130	333
29	---	---	---	168	106	126	192	86	124	494	126	339
30	---	---	---	136	104	122	144	90	117	410	122	243
31	---	---	---	188	100	133	---	---	---	202	106	165
MONTH	1210	108	211	834	100	192	1430	82	235	594	82	154
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	222	108	171	126	68	92	506	114	306	230	102	168
2	218	118	178	118	80	100	460	102	246	210	102	157
3	290	114	182	122	84	101	294	92	149	194	100	143
4	436	136	259	106	84	96	162	86	117	194	100	143
5	498	144	346	102	86	93	162	86				

COOPER RIVER BASIN
02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	24.5	25.5	22.0	21.5	21.5	13.5	13.0	13.5	13.0	11.5	12.5
2	25.5	24.5	25.0	21.5	20.5	21.5	14.0	13.5	13.5	12.5	11.5	12.0
3	25.0	24.0	24.5	21.5	20.0	21.0	14.0	13.5	13.5	12.0	11.5	12.0
4	24.5	24.0	24.5	20.5	19.0	20.0	13.5	13.0	13.5	12.5	12.0	12.0
5	24.0	22.5	23.5	20.0	18.5	19.5	13.5	12.5	13.0	13.0	12.5	12.5
6	23.0	22.0	22.5	20.0	19.0	19.5	13.0	12.5	13.0	13.5	13.0	13.0
7	22.5	21.5	22.0	20.5	19.5	20.0	13.5	12.5	13.0	13.5	13.0	13.0
8	22.0	20.5	21.5	20.5	20.0	20.5	13.5	13.0	13.0	13.0	12.0	12.5
9	---	---	---	20.0	18.5	19.5	13.0	12.0	12.5	12.5	11.0	12.0
10	---	---	---	19.0	18.0	18.5	12.5	11.5	12.0	12.0	11.0	11.5
11	21.0	21.0	21.0	18.5	16.5	17.5	12.5	11.5	12.0	11.5	10.5	11.0
12	21.0	20.5	21.0	17.5	16.0	16.5	13.0	12.0	12.5	11.0	10.0	10.5
13	21.0	20.0	20.5	17.0	15.0	16.0	13.0	12.5	13.0	11.0	9.5	10.0
14	21.0	20.0	21.0	16.5	14.5	15.5	13.0	12.5	13.0	10.5	9.5	10.0
15	21.5	20.5	21.0	16.0	14.5	15.0	13.0	12.0	12.5	10.0	9.5	10.0
16	22.0	20.5	21.5	15.0	13.5	14.5	12.5	11.5	12.0	11.0	10.0	10.5
17	22.0	21.0	21.5	14.5	13.5	14.0	12.5	11.5	12.0	11.0	9.5	10.5
18	22.5	21.5	22.0	14.5	13.5	14.0	12.5	12.0	12.5	9.5	8.0	9.0
19	22.0	20.5	21.5	14.5	14.0	14.5	12.5	11.0	12.0	8.5	8.0	8.5
20	21.5	20.0	21.0	15.0	14.0	14.5	11.0	9.5	10.0	8.5	7.5	8.0
21	21.0	19.5	20.5	15.0	14.5	15.0	10.0	9.5	9.5	8.5	8.0	8.5
22	20.5	19.5	20.0	15.0	14.5	14.5	9.5	9.5	9.5	9.0	8.5	9.0
23	20.5	19.5	20.0	14.5	13.5	14.0	10.0	9.5	9.5	10.0	9.0	9.5
24	20.5	20.0	20.0	14.5	13.5	14.0	10.5	9.5	10.0	10.5	9.5	10.0
25	20.5	20.0	20.0	15.0	14.0	14.5	11.0	10.5	11.0	10.5	10.0	10.5
26	20.5	19.5	20.5	15.0	14.5	15.0	11.0	10.5	10.5	10.5	10.5	10.5
27	21.0	20.5	20.5	15.0	14.0	14.5	11.0	10.5	10.5	11.0	10.0	10.5
28	21.5	21.0	21.0	14.5	13.0	13.5	11.5	10.5	11.0	11.0	10.0	10.5
29	22.0	21.0	21.5	13.5	12.5	13.0	12.0	11.0	11.5	11.0	10.0	11.0
30	22.5	21.5	22.0	13.5	12.0	13.0	12.5	11.5	12.0	11.0	9.0	10.0
31	22.0	21.0	21.5	---	---	---	13.0	12.5	12.5	9.5	8.5	9.0
MONTH	26.0	19.5	21.7	22.0	12.0	16.5	14.0	9.5	11.9	13.5	7.5	10.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	9.0	9.0	16.0	15.0	15.5	19.5	17.5	18.5	21.5	20.5	21.0
2	10.0	9.5	9.5	17.0	15.5	16.0	19.0	17.5	18.5	22.0	21.0	21.5
3	10.5	10.0	10.0	18.0	16.5	17.0	18.5	18.0	18.0	22.0	21.5	22.0
4	11.0	10.5	10.5	18.0	17.5	17.5	---	---	---	22.0	21.0	21.5
5	11.5	11.0	11.0	18.5	17.0	18.0	---	---	---	22.0	20.5	21.5
6	11.5	11.5	11.5	18.0	17.0	17.5	---	---	---	22.0	21.0	21.5
7	12.0	11.0	11.5	17.5	16.5	17.0	---	---	---	22.0	21.5	22.0
8	11.5	11.0	11.5	17.0	16.0	16.5	---	---	---	22.5	21.5	22.0
9	11.5	11.0	11.5	17.5	16.5	17.0	20.5	19.5	20.5	22.5	22.0	22.5
10	11.5	10.5	11.0	18.0	17.0	17.5	20.5	19.0	20.0	22.5	22.0	22.5
11	11.5	10.0	11.0	18.5	18.0	18.5	20.0	18.5	19.5	22.5	21.5	22.0
12	11.0	10.0	10.5	19.0	18.0	18.5	19.5	19.0	19.5	22.5	21.5	22.0
13	11.0	10.5	11.0	19.0	17.5	18.5	20.0	19.5	19.5	22.5	21.5	22.0
14	11.0	10.0	10.5	18.5	17.0	18.0	20.0	18.5	19.0	22.5	21.5	22.0
15	10.5	10.0	10.5	17.5	16.0	17.0	19.0	18.0	18.5	23.0	22.0	22.5
16	10.5	10.0	10.5	17.0	16.5	16.5	19.0	18.0	18.5	23.0	22.5	22.5
17	11.0	10.5	10.5	16.5	16.0	16.5	19.0	18.5	19.0	23.0	22.0	22.5
18	11.5	10.5	11.0	17.0	16.5	16.5	18.5	17.5	18.0	23.5	22.5	23.0
19	12.0	11.0	11.5	17.5	17.0	17.0	18.0	17.0	17.5	24.0	23.0	23.5
20	12.5	12.0	12.5	18.0	17.5	17.5	18.5	17.5	18.0	24.5	24.0	24.0
21	13.5	12.0	13.0	18.0	17.0	17.5	19.5	18.0	19.0	25.0	24.0	24.5
22	14.0	13.0	13.5	19.0	17.5	18.0	21.0	19.0	20.0	25.0	24.0	24.5
23	14.0	13.0	13.5	19.0	18.5	18.5	20.5	20.0	20.5	25.0	24.5	25.0
24	14.0	13.0	13.5	19.0	18.5	18.5	20.5	19.5	20.0	25.0	24.0	25.0
25	14.0	13.0	13.5	19.0	18.0	18.5	20.0	19.0	19.5	25.0	24.5	24.5
26	14.0	13.0	13.5	18.5	18.0	18.5	20.0	19.5	19.5	25.0	24.0	24.5
27	15.0	13.5	14.0	19.0	18.0	18.5	20.0	19.0	19.5	25.0	24.0	24.5
28	15.5	14.5	15.0	20.0	18.5	19.0	20.0	20.0	20.0	24.5	22.0	23.5
29	---	---	---	20.5	19.5	20.0	20.0	20.0	20.0	24.0	22.0	23.0
30	---	---	---	21.0	20.0	20.5	21.0	20.0	20.5	23.5	22.5	23.0
31	---	---	---	20.5	19.0	20.0	---	---	---	24.0	23.0	23.5
MONTH	15.5	9.0	11.6	21.0	15.0	17.8	21.0	17.0	19.2	25.0	20.5	22.9

COOPER RIVER BASIN
02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

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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, 11.92 ft, Oct. 8; minimum gage height, 2.58 ft, Jan. 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.27	5.10	7.85	9.77	5.50	7.65	9.78	5.66	7.66	9.88	5.71	7.79
2	10.08	5.16	7.78	9.04	5.24	7.14	9.02	4.65	6.95	9.68	5.55	7.76
3	9.94	5.33	7.87	9.72	5.99	7.82	9.30	5.60	7.47	9.42	4.67	7.16
4	10.34	6.17	8.42	9.61	5.69	7.90	9.33	5.50	7.58	9.31	4.78	7.17
5	10.18	6.25	8.38	9.63	5.50	7.83	9.62	5.15	7.83	9.79	3.81	7.19
6	10.30	6.34	8.58	9.73	5.52	7.89	9.26	4.82	7.24	9.58	3.88	7.11
7	10.87	6.55	9.08	10.02	5.64	8.13	9.89	4.47	7.51	10.09	4.02	7.51
8	11.92	5.82	8.95	10.46	4.23	8.05	10.21	4.59	7.71	10.54	3.87	7.81
9	10.34	5.68	8.42	9.80	3.79	7.33	9.98	4.17	7.39	11.28	4.54	8.10
10	10.28	5.11	8.09	10.14	4.34	7.55	10.75	4.32	7.90	10.03	2.91	6.81
11	10.52	5.10	8.22	10.33	4.21	7.59	10.54	4.22	7.61	9.70	2.58	6.45
12	10.61	5.42	8.35	10.26	4.34	7.50	10.54	3.83	7.48	10.16	3.48	6.88
13	10.69	5.33	8.32	10.35	4.34	7.50	10.37	3.91	7.49	9.94	3.94	7.10
14	10.71	5.04	8.13	10.36	4.40	7.55	10.79	4.45	7.78	9.82	4.09	7.17
15	10.28	4.74	7.73	10.47	4.95	7.74	10.90	5.13	8.15	9.89	4.66	7.52
16	10.69	5.13	7.99	10.79	5.18	8.13	11.02	5.44	8.42	10.31	3.31	7.12
17	10.41	5.16	7.93	10.47	5.22	8.04	10.74	5.25	8.42	9.04	4.42	6.86
18	10.39	5.10	7.82	10.23	4.84	7.79	10.23	4.95	7.79	9.11	3.68	6.70
19	10.32	4.98	7.62	10.26	4.86	7.94	10.04	2.99	7.27	9.42	3.87	7.08
20	10.34	5.04	7.88	10.53	5.21	8.37	9.15	3.61	6.85	9.31	4.26	7.01
21	10.44	4.99	7.94	10.81	4.94	8.48	9.96	3.95	7.37	9.50	3.81	6.96
22	10.62	4.94	8.19	10.38	4.79	7.94	9.96	4.09	7.33	9.84	3.98	7.18
23	10.54	4.71	8.17	10.76	4.88	8.10	9.78	3.84	7.04	9.30	3.83	6.67
24	10.40	4.35	7.83	10.41	4.34	7.64	9.74	3.77	6.99	9.64	3.69	7.02
25	10.52	4.17	7.90	10.26	4.11	7.48	9.35	3.38	6.74	9.54	4.09	7.04
26	10.69	4.34	7.90	9.65	3.60	6.88	9.98	4.41	7.39	9.47	4.08	6.97
27	10.67	4.38	7.91	9.89	3.55	7.03	9.78	4.27	7.18	9.84	5.02	7.48
28	10.68	4.58	7.91	9.96	4.70	7.39	9.74	4.65	7.20	9.51	4.38	7.10
29	10.49	4.75	7.97	9.94	4.96	7.51	9.65	4.98	7.33	9.55	5.24	7.46
30	10.64	5.32	8.11	9.98	5.56	7.78	9.41	4.89	7.15	9.82	5.55	7.71
31	9.82	5.01	7.53	---	---	---	9.22	5.18	7.15	9.40	5.27	7.33
MONTH	11.92	4.17	8.09	10.81	3.55	7.72	11.02	2.99	7.46	11.28	2.58	7.20

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.06	4.76	6.93	9.19	4.67	6.92	8.83	4.00	6.72	10.24	4.52	7.76
2	9.19	4.76	7.14	9.28	4.67	6.92	---	---	---	10.35	4.37	7.74
3	9.72	4.61	7.42	9.31	4.81	7.14	---	---	---	10.29	4.25	7.86
4	10.18	4.78	7.89	9.36	4.43	7.20	10.22	4.40	7.86	10.27	3.56	7.24
5	10.44	4.28	7.62	10.19	4.53	7.84	10.42	4.04	7.73	10.47	3.80	7.53
6	10.26	3.55	7.63	10.05	3.50	7.28	10.59	3.94	7.67	10.37	3.49	7.32
7	10.82	4.12	7.99	10.15	3.38	7.47	10.53	3.82	7.51	10.65	3.89	7.32
8	11.03	3.78	7.65	10.30	3.63	7.36	10.86	3.61	7.60	10.59	4.16	7.55
9	10.47	3.35	7.35	10.41	3.19	7.14	10.57	4.16	7.64	10.06	4.12	7.22
10	10.61	4.11	7.68	10.22	3.37	7.30	10.73	4.28	7.75	9.79	3.80	6.98
11	10.53	4.32	7.76	10.42	3.66	7.22	10.73	4.98	7.91	9.79	4.82	7.44
12	10.36	4.46	7.61	10.59	4.51	7.75	10.52	5.07	7.83	9.82	4.94	7.39
13	10.47	4.99	8.13	10.66	5.20	8.07	9.94	4.94	7.38	9.71	5.09	7.35
14	10.76	4.92	7.89	10.75	4.90	7.92	9.23	5.17	7.39	9.00	5.10	7.27
15	9.87	4.58	7.24	9.77	4.42	7.13	9.68	5.80	7.92	9.31	4.82	7.22
16	9.47	5.01	7.42	9.46	5.27	7.41	9.73	5.81	7.99	9.22	4.80	6.97
17	9.51	5.02	7.41	9.52	5.32	7.50	9.56	4.67	7.63	9.05	4.47	6.93
18	9.63	4.70	7.47	---	---	---	9.29	4.70	7.35	9.15	4.16	6.81
19	9.61	4.66	7.34	---	---	---	9.60	5.08	7.44	9.45	3.99	6.91
20	9.47	4.28	7.21	---	---	---	10.30	5.02	7.88	9.55	3.58	6.83
21	9.64	4.38	7.35	10.03	5.46	8.05	10.47	5.35	8.15	10.45	3.87	7.24
22	9.34	4.07	6.83	10.03	5.05	7.79	10.30	4.79	7.74	10.61	4.69	7.79
23	9.45	3.27	6.85	10.29	4.79	8.05	10.06	4.48	7.83	10.72	4.59	7.75
24	9.52	4.17	7.08	10.36	5.17	7.93	10.53	4.69	7.72	10.47	4.44	7.62
25	9.55	4.45	7.13	10.23	4.91	7.90	10.46	4.97	7.85	10.34	4.49	7.49
26	9.67	4.81	7.42	9.50	3.98	7.10	10.68	4.90	7.88	10.34	4.11	7.20
27	9.50	4.24	6.98	9.96	4.15	7.27	10.74	5.51	8.30	10.31	4.55	7.72
28	9.07	4.34	6.84	9.93	4.83	7.45	10.84	4.99	8.03	11.05	5.79	8.42
29	---	---	---	9.93	4.11	6.95	9.80	4.26	7.40	10.63	5.21	8.19
30	---	---	---	9.13	4.35	6.88	10.27	5.24	7.97	10.25	4.83	7.95
31	---	---	---	9.62	3.81	6.45	---	---	---	10.33	4.66	7.93
MONTH	11.03	3.27	7.40	10.75	3.19	7.41	10.86	3.61	7.72	11.05	3.49	7.45
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.31	4.21	7.80	10.95	5.03	8.41						

COOPER RIVER BASIN
02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

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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, 27,100 microsiemens, Apr. 20; minimum, 94 microsiemens, July 5.

WATER TEMPERATURE: Maximum, 30.5°C, July 24, 27 - 30; minimum, 8.5°C, several days in Jan. 20 - 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10500	520	3470	8480	188	1830	13800	259	4320	17100	242	4410
2	9580	361	2580	5580	181	1350	8860	202	2590	10700	149	1980
3	10000	251	2220	19400	359	8580	11600	200	4010	8680	137	1960
4	13700	207	4170	20700	2100	11100	11400	168	2900	10100	136	3670
5	14200	242	4390	20100	1920	10600	13800	161	5500	14600	169	5840
6	19500	466	8630	19600	1460	9520	12300	208	4390	16600	316	6650
7	24500	1920	11800	19300	1000	8620	16300	169	6380	16700	484	5520
8	23800	579	6920	19200	988	6510	18100	307	7090	15700	431	4960
9	3100	194	701	9100	575	2850	13300	478	4430	15700	455	4750
10	1560	134	515	12600	453	4170	15700	372	4940	5120	261	1360
11	3700	130	820	14500	508	4570	11800	529	3790	2280	189	799
12	6200	151	1620	13000	539	4150	11200	500	3380	7460	299	1880
13	8240	248	2310	13300	530	4330	10000	493	3060	4260	256	1360
14	6800	216	1560	14900	597	5080	10800	395	2670	4920	236	1250
15	2360	146	601	17100	807	5930	11700	311	3020	6520	207	1550
16	4320	129	728	20600	940	8460	11600	490	4110	12200	246	3490
17	4140	130	763	19000	1460	8470	11400	443	4650	3780	188	1000
18	7440	138	1450	17200	1000	7020	6980	323	2240	3980	144	641
19	12000	169	2840	14900	710	5660	6640	182	1330	10300	139	3830
20	13000	410	4940	14700	684	5640	852	137	370	11200	284	3980
21	12500	585	5080	14800	643	5810	5900	132	1170	13100	255	3810
22	12100	634	5090	8760	411	2570	7260	148	1790	12200	400	3020
23	10600	647	3860	13100	339	3940	9100	189	2600	7540	209	1650
24	6320	354	1990	11900	403	4020	10200	280	3100	10400	318	2800
25	6320	346	1910	14000	554	5020	8960	315	2700	10900	284	3610
26	5200	267	1760	7240	505	2280	14500	428	4380	10400	358	3450
27	8700	453	2890	11600	328	2770	9780	282	2040	15800	413	5700
28	9540	623	2850	11200	316	2740	8440	185	1950	12900	348	4020
29	6520	387	1700	9800	216	2180	12600	301	4270	10600	312	3370
30	9680	394	2450	12000	167	2920	14500	350	4700	10500	217	3720
31	3060	194	606	---	---	---	12000	261	3730	8140	178	2140
MONTH	24500	129	3010	20700	167	5290	18100	132	3470	17100	136	3170

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8360	181	3130	3060	143	659	8760	178	2390	5660	134	1070
2	14800	181	5810	4980	150	1550	18800	285	11800	3820	131	761
3	20900	651	10900	10500	232	4480	13800	820	7360	4020	141	1010
4	21500	1360	10400	8580	215	3080	10900	555	3340	3680	121	734
5	18100	1260	6510	14400	225	5610	6920	420	2310	6200	173	1520
6	12700	826	4570	13000	341	3690	7900	493	2840	3980	256	1480
7	12200	654	3960	11800	291	3670	6520	260	2550	6460	196	1170
8	8980	432	2440	8780	341	2910	9220	160	2200	6460	258	1550
9	7100	331	2100	10300	391	3310	9220	260	3050	6000	179	1090
10	6720	356	2170	10900	642	4160	9120	460	3200	2220	174	736
11	8340	520	2950	10200	563	3590	10400	260	2750	6880	288	1970
12	8000	387	2460	11600	926	4950	6900	260	1780	9000	241	2460
13	9760	388	2910	13000	628	3920	5200	392	1370	6940	195	2000
14	13700	267	3110	9020	259	2030	5340	293	1740	6640	161	1880
15	5780	196	1140	829	140	372	9580	403	4120	8180	120	2020
16	7780	196	2260	6200	142	1390	8700	294	3680	8960	187	2080
17	9560	208	2920	9460	137	2380	10100	134	2500	11400	146	3790
18	11500	249	3090	11800	133	4300	10600	126	3160	12500	266	5250
19	9100	208	2200	12800	192	3740	20900	340	7190	12600	236	4450
20	7200	182	1380	11400	155	3590	27100	1380	13000	9760	224	2840
21	5460	165	913	14600	173	4260	25900	2800	14400	16300	220	3870
22	968	149	361	11400	263	4060	17700	1280	7680	21200	660	7490
23	4020	142	886	13600	286	5140	12800	948	5500	18400	596	5380
24	6480	191	1410	12700	455	4830	13300	577	3830	13800	357	2880
25	8580	227	2270	11800	310	2940	13300	374	3000	10500	383	2820
26	9120	240	2640	6600	184	893	12300	387	3070	9800	304	2480
27	6420	184	1380	5260	160	686	18400	560	6980	10300	318	3090
28	2560	156	609	7340	217	1970	18700	499	4850	22600	859	8830
29	---	---	---	6120	148	1220	2660	174	762	17000	663	6170
30	---	---	---	4980	149	1490	7880	187	1830	11700	343	3370
31	---	---	---	12900	195	3440	---	---	---	9880	253	2410
MONTH	21500	142	3100	14600	133	3040	27100	126	4470	22600	120	2860
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	10600	259	2810	6980	136	1340	15800	708	5810	12700	312	4020
2	11900	278	305									

COOPER RIVER BASIN
02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.0	25.5	26.0	22.5	22.0	22.0	14.5	14.0	14.0	13.5	12.5	13.0
2	26.0	25.5	25.5	22.0	21.5	22.0	14.5	14.0	14.5	13.5	13.0	13.0
3	26.0	25.0	25.5	21.5	21.0	21.5	14.5	14.0	14.5	13.5	12.5	13.0
4	25.5	24.5	25.0	21.0	20.0	21.0	14.5	14.0	14.0	13.5	12.5	13.0
5	24.5	23.5	24.0	21.0	20.5	20.5	14.0	13.5	14.0	13.5	13.0	13.5
6	24.0	23.0	23.5	21.0	20.0	20.5	14.0	13.5	14.0	13.5	13.5	13.5
7	23.5	21.5	23.0	21.0	20.0	20.5	14.0	13.5	14.0	13.5	13.5	13.5
8	23.0	21.0	22.0	21.5	20.5	21.0	14.0	13.5	14.0	13.5	12.5	13.0
9	21.5	21.0	21.5	20.5	19.5	20.0	13.5	13.0	13.5	13.0	12.5	13.0
10	21.5	21.0	21.0	19.5	18.5	19.0	13.0	12.5	13.0	13.0	11.5	12.0
11	21.0	21.0	21.0	19.0	18.0	18.5	13.0	12.5	12.5	12.0	11.0	11.5
12	21.0	20.5	21.0	18.5	17.5	17.5	13.0	12.5	13.0	11.5	11.0	11.0
13	21.0	20.5	20.5	17.5	16.5	17.0	13.5	13.0	13.0	11.5	10.5	11.0
14	21.5	20.5	21.0	17.0	16.0	16.5	13.5	13.0	13.0	11.0	10.0	10.5
15	21.5	21.0	21.0	17.0	15.5	16.0	13.0	13.0	13.0	10.5	10.0	10.5
16	22.0	21.0	21.5	16.0	15.0	15.5	13.0	12.5	13.0	11.0	10.0	11.0
17	22.0	21.5	21.5	15.5	14.5	15.0	13.0	12.5	12.5	10.5	10.0	10.5
18	22.5	21.5	22.0	15.5	14.5	15.0	13.0	12.5	13.0	10.0	9.0	10.0
19	22.0	21.5	21.5	15.5	14.5	15.0	13.0	11.5	12.5	9.5	9.0	9.0
20	21.5	21.0	21.5	15.0	14.5	15.0	11.5	10.5	11.0	9.5	8.5	9.0
21	21.0	20.5	21.0	15.5	15.0	15.0	11.0	10.0	10.5	9.5	8.5	9.0
22	21.0	20.5	21.0	15.5	14.5	15.0	10.5	10.0	10.0	9.5	8.5	9.0
23	21.0	20.5	21.0	15.0	14.5	14.5	10.5	9.5	10.0	9.5	9.0	9.5
24	21.0	20.5	20.5	15.0	14.5	14.5	11.0	10.0	10.5	10.5	9.5	10.0
25	20.5	20.5	20.5	15.0	14.5	15.0	11.0	10.5	11.0	11.0	10.0	10.5
26	20.5	20.0	20.5	15.5	15.0	15.5	11.0	10.5	11.0	11.0	10.5	10.5
27	21.0	20.5	20.5	15.5	15.0	15.0	11.5	11.0	11.0	11.0	10.5	11.0
28	21.5	21.0	21.0	15.0	14.5	14.5	12.0	11.0	11.5	12.0	11.0	11.5
29	22.0	21.5	21.5	14.5	14.0	14.0	12.5	11.5	12.0	12.0	11.5	11.5
30	22.5	21.5	22.0	14.5	13.5	14.0	12.5	12.0	12.0	11.5	10.5	11.0
31	22.5	22.0	22.0	---	---	---	13.5	12.5	13.0	11.0	10.0	10.5
MONTH	26.0	20.0	22.0	22.5	13.5	17.2	14.5	9.5	12.5	13.5	8.5	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	16.0	15.0	15.5	20.0	19.5	19.5	21.0	20.0	20.5
2	11.0	10.0	10.5	16.5	15.5	16.0	---	---	---	21.5	21.0	21.0
3	11.5	10.5	11.0	17.0	16.0	16.5	---	---	---	22.0	21.0	21.5
4	11.5	11.0	11.5	17.5	16.5	17.0	19.0	18.5	19.0	22.0	21.5	21.5
5	12.0	11.0	11.5	18.5	16.5	17.5	19.5	18.5	19.0	21.5	21.0	21.5
6	12.0	11.5	12.0	18.5	17.5	18.5	20.0	19.0	19.5	21.5	21.5	21.5
7	12.0	11.5	12.0	18.0	17.5	18.0	20.5	19.5	20.0	22.0	21.5	21.5
8	12.0	11.5	12.0	18.0	17.5	17.5	20.5	20.0	20.0	22.5	21.5	22.0
9	12.0	11.5	11.5	18.0	17.0	17.5	20.5	19.5	20.0	22.5	22.0	22.0
10	11.5	11.0	11.5	18.5	17.5	18.0	20.5	19.5	20.0	22.5	22.0	22.5
11	12.0	11.0	11.5	19.0	18.0	18.5	20.5	19.0	19.5	22.5	21.5	22.0
12	11.5	11.0	11.0	19.0	18.0	18.5	20.0	19.5	19.5	22.0	21.5	22.0
13	11.5	11.0	11.0	19.0	18.0	18.5	20.0	19.5	19.5	22.5	22.0	22.0
14	11.0	10.5	11.0	19.0	18.0	18.5	19.5	19.0	19.0	22.5	22.0	22.0
15	11.0	10.5	10.5	18.5	17.5	18.0	19.5	18.5	19.0	22.5	22.0	22.5
16	11.0	10.0	10.5	18.0	17.0	17.5	19.5	18.5	19.0	22.5	22.0	22.5
17	11.0	10.0	10.5	17.5	16.5	17.0	19.0	18.5	18.5	23.0	22.0	22.5
18	11.0	10.5	11.0	17.5	17.0	17.0	18.5	17.5	18.0	23.0	22.5	23.0
19	11.5	11.0	11.0	18.0	17.0	17.5	18.5	17.5	18.0	23.5	23.0	23.0
20	12.0	11.5	12.0	18.0	17.5	17.5	18.5	18.0	18.5	24.0	23.5	23.5
21	13.0	12.0	12.5	18.0	17.5	18.0	19.0	18.5	18.5	24.5	23.5	24.0
22	13.5	13.0	13.5	18.5	18.0	18.0	19.5	19.0	19.5	24.5	23.5	24.0
23	13.5	13.0	13.5	18.5	18.0	18.5	20.0	19.5	20.0	25.0	24.0	24.5
24	13.5	13.0	13.5	19.0	18.0	18.5	20.0	19.5	20.0	25.0	24.0	24.5
25	13.5	13.0	13.5	19.0	18.0	18.5	20.0	19.5	20.0	25.0	24.5	24.5
26	14.0	13.0	13.5	19.0	18.5	19.0	20.0	19.5	20.0	25.0	24.5	24.5
27	15.0	13.5	14.0	20.0	18.5	19.0	20.0	19.5	19.5	25.0	24.5	24.5
28	15.0	14.5	14.5	20.0	19.0	19.5	20.0	19.5	20.0	24.5	23.0	24.0
29	---	---	---	20.5	19.5	20.0	20.5	20.0	20.0	23.5	23.0	23.5
30	---	---	---	21.0	20.0	20.5	21.0	19.5	20.0	23.5	22.5	23.0
31	---	---	---	20.5	20.0	20.5	---	---	---	23.5	22.5	23.0
MONTH	15.0	10.0	11.9	21.0	15.0	18.1	21.0	17.5	19.4	25.0	20.0	22.7

COOPER RIVER BASIN
021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC

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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.

PERIOD OF RECORD.--April 1997 to September 1997.

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, 14.63 ft, June 6, 1997; minimum gage height, 5.91 ft, May 6, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.63 ft, June 6; minimum gage height, 5.91 ft, May 6.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	13.31	7.04	10.47
2	---	---	---	---	---	---	---	---	---	13.45	6.91	10.52
3	---	---	---	---	---	---	---	---	---	13.46	6.56	10.60
4	---	---	---	---	---	---	13.38	6.78	10.58	13.51	6.01	10.06
5	---	---	---	---	---	---	13.57	6.43	10.50	13.76	6.27	10.39
6	---	---	---	---	---	---	13.81	6.33	10.46	13.50	5.91	10.09
7	---	---	---	---	---	---	13.73	6.11	10.24	13.95	6.31	10.17
8	---	---	---	---	---	---	14.16	5.96	10.44	13.81	6.63	10.36
9	---	---	---	---	---	---	13.83	6.62	10.44	12.71	6.57	9.93
10	---	---	---	---	---	---	13.91	6.83	10.58	12.96	6.40	9.84
11	---	---	---	---	---	---	13.71	7.46	10.64	12.92	7.57	10.30
12	---	---	---	---	---	---	13.68	7.63	10.59	12.92	7.61	10.19
13	---	---	---	---	---	---	13.04	7.61	10.18	12.75	7.68	10.13
14	---	---	---	---	---	---	12.21	7.90	10.24	12.01	7.83	10.11
15	---	---	---	---	---	---	12.66	8.47	10.77	12.29	7.49	9.99
16	---	---	---	---	---	---	12.74	8.40	10.80	12.16	7.51	9.81
17	---	---	---	---	---	---	12.53	7.28	10.36	12.09	7.18	9.77
18	---	---	---	---	---	---	12.35	7.63	10.21	12.12	6.81	9.63
19	---	---	---	---	---	---	12.71	7.74	10.32	12.47	6.69	9.71
20	---	---	---	---	---	---	13.51	7.67	10.79	12.57	6.22	9.61
21	---	---	---	---	---	---	13.60	7.96	11.00	13.69	6.42	10.16
22	---	---	---	---	---	---	13.44	7.29	10.53	---	---	---
23	---	---	---	---	---	---	13.17	6.92	10.59	---	---	---
24	---	---	---	---	---	---	13.70	7.24	10.53	13.70	6.85	10.40
25	---	---	---	---	---	---	13.61	7.48	10.64	13.46	7.01	10.26
26	---	---	---	---	---	---	14.02	7.47	10.73	13.21	6.58	9.94
27	---	---	---	---	---	---	13.96	8.11	11.11	13.95	7.22	10.62
28	---	---	---	---	---	---	14.03	7.56	10.72	14.41	8.38	11.24
29	---	---	---	---	---	---	12.79	6.76	10.15	---	---	---
30	---	---	---	---	---	---	13.47	7.83	10.77	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	14.16	5.96	10.55	14.41	5.91	10.17

COOPER RIVER BASIN
021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to September 1997.

WATER TEMPERATURE: April 1997 to September 1997.

DISSOLVED OXYGEN: April 1997 to September 1997.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 34,300 microsiemens, Apr. 21, 1997; minimum, 7,720 microsiemens, July 29, 1997.

WATER TEMPERATURE: Maximum, 31.0°C, July 28 - 30, 1997; minimum, 17.5°C, Apr. 18, 19, 1997.

DISSOLVED OXYGEN: Maximum, 8.6 mg/L, Apr. 3, 1997; minimum, 3.8 mg/L, Aug. 13, 15, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 34,300 microsiemens, Apr. 21; minimum, 7,720 microsiemens, July 29.

WATER TEMPERATURE: Maximum, 31.0°C, July 28 - 30; minimum, 17.5°C, Apr. 18, 19.

DISSOLVED OXYGEN: Maximum, 8.6 mg/L, Apr. 3; minimum, 3.8 mg/L, Aug. 13, 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	24300	11100	16200
2	---	---	---	---	---	---	---	---	---	23400	11100	14900
3	---	---	---	---	---	---	---	---	---	21800	11700	15700
4	---	---	---	---	---	---	31400	20300	25400	23700	8400	13400
5	---	---	---	---	---	---	29700	17600	22500	26100	11000	16300
6	---	---	---	---	---	---	30600	16300	22300	24900	10700	16700
7	---	---	---	---	---	---	29300	15100	21300	26700	10300	15400
8	---	---	---	---	---	---	32800	15300	20400	25200	12500	16700
9	---	---	---	---	---	---	30300	16600	21100	22500	9700	15000
10	---	---	---	---	---	---	30300	17900	21400	23600	9200	13600
11	---	---	---	---	---	---	31700	16700	21300	24400	13700	16200
12	---	---	---	---	---	---	28500	12000	18500	26400	14100	17900
13	---	---	---	---	---	---	26700	12400	16600	24600	13800	17600
14	---	---	---	---	---	---	20700	11800	15600	22900	11800	16000
15	---	---	---	---	---	---	25000	15000	18500	23600	14800	17600
16	---	---	---	---	---	---	26500	18200	21400	27400	10600	15600
17	---	---	---	---	---	---	28000	18100	22500	26600	15200	18400
18	---	---	---	---	---	---	25500	16000	19500	26200	17200	20800
19	---	---	---	---	---	---	31800	17400	22100	28000	19900	23200
20	---	---	---	---	---	---	32700	19700	26100	28500	18500	23000
21	---	---	---	---	---	---	34300	25700	29400	33200	16400	22300
22	---	---	---	---	---	---	32700	22200	27600	---	---	---
23	---	---	---	---	---	---	30900	21600	25600	---	---	---
24	---	---	---	---	---	---	30800	18500	22700	---	---	---
25	---	---	---	---	---	---	28300	15900	21400	---	---	---
26	---	---	---	---	---	---	29000	15500	20300	---	---	---
27	---	---	---	---	---	---	31100	18900	22500	---	---	---
28	---	---	---	---	---	---	32500	14800	20800	---	---	---
29	---	---	---	---	---	---	23000	10300	15300	---	---	---
30	---	---	---	---	---	---	24900	10800	15500	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	34300	10300	21400	33200	8400	17300

WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29100	11300	18000	29600	18300	22900	28300	19200	22600
2	---	---	---	30000	10700	17800	---	---	---	27000	18400	22200
3	---	---	---	25900	12300	17700	---	---	---	29500	17100	21400
4	33600	17800	23000	25300	10800	15800	---	---	---	29600	17800	21900
5	34200	19800	24300	19500	8190	12900	25800	9580	15400	30200	19300	23200
6	30000	19200	23900	25600	8730	13000	25500	13100	17300	27000	16800	21400
7	26700	15200	20000	24600	8890	15000	27000	15300	19800	30100	16100	20500
8	25000	12800	17600	26400	11600	16300	27500	17900	21500	27700	14900	19700
9	26200	12900	16600	25400	13800	17200	26200	17200	21000	28400	14200	19100
10	26400	13900	17200	25400	14000	17500	29100	17600	21100	28900	16000	21000
11	---	---	---	25600	14300	17500	28900	19900	22400	31000	18000	21900
12	22900	12600	16600	31500	15600	20800	28100	16600	21400	28800	16500	21800
13	23700	14600	17600	29400	18600	22600	26800	16600	20400	30000	18200	22800
14	22600	11900	16300	32100	18900	23400	27100	16300	20200	31800	18700	23600
15	28700	12300	17000	29900	15900	21300	27200	14800	19500	32100	19400	24100
16	31800	17500	23700	29400	11500	19300	27400	14000	19500	32800	18600	24100
17	32400	23500	27200	30000	15600	20700	27600	15100	19800	32200	18500	24700
18	29900	21700	25600	32000	17700	23400	28100	13700	19300	31500	18200	24000
19	30700	14700	21600	32700	18500	24100	32400	14800	21000	31500	17300	22600
20	31700	17400	21700	33800	17600	23500	31000	17400	23500	30800	17800	21900
21	31100	15900	21200	33200	18500	23600	29800	17100	22100	29200	16300	21000
22	28100	13000	19000	31200	15600	21900	28200	15200	19900	29700	18400	22300
23	27800	12600	17600	29800	15700	20900	29100	16000	20000	29900	17200	21500
24	24300	12000	16200	30300	14400	20000	29700	18100	21700	29500	14200	20100
25	26900	11400	16000	26100	14100	17700	29200	18800	22600	29800	16900	21100
26	26100	11700	16100	27400	14300	19200	30600	18600	22800	30900	18500	22400
27	27100	12000	17400	26900	16100	19800	30900	18000	22500	27400	19300	23000
28	32000	14300	21700	25900	10700	16500	32500	18600	23100	26100	18600	21700
29	29600	14100	20200	21900	7720	13500	29700	15800	21200	24500	10500	16900
30	28000	12500	18500	26800	9760	15800	28800	14600	20000	25500	12300	16100
31	---	---	---	27900	15800	20200	31000	16200	21700	---	---	---
MONTH	34200	11400	19800	33800	7720	18900	32500	9580	20800	32800	10500	21700
YEAR	34300	7720	20100									

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	21.5	20.0	20.5
2	---	---	---	---	---	---	---	---	---	21.5	20.0	21.0
3	---	---	---	---	---	---	---	---	---	21.5	20.5	21.0
4	---	---	---	---	---	---	19.5	18.5	19.0	21.5	20.5	21.0
5	---	---	---	---	---	---	19.5	18.5	19.0	21.5	20.5	21.0
6	---	---	---	---	---	---	20.0	19.0	19.5	22.0	21.0	21.5
7	---	---	---	---	---	---	20.0	19.5	20.0	22.0	21.0	21.5
8	---	---	---	---	---	---	20.0	19.5	19.5	22.5	21.5	21.5
9	---	---	---	---	---	---	20.0	19.5	19.5	22.5	21.5	22.0
10	---	---	---	---	---	---	19.5	19.0	19.5	22.5	21.5	22.0
11	---	---	---	---	---	---	19.5	18.5	19.0	22.5	21.5	22.0
12	---	---	---	---	---	---	20.0	19.0	19.5	22.0	21.5	21.5
13	---	---	---	---	---	---	20.5	19.5	19.5	22.5	21.5	22.0
14	---	---	---	---	---	---	19.5	18.0	19.0	23.0	21.0	22.0
15	---	---	---	---	---	---	19.5	18.0	18.5	23.0	21.5	22.0
16	---	---	---	---	---	---	19.5	18.0	19.0	23.0	21.5	22.0
17	---	---	---	---	---	---	19.5	18.5	19.0	23.0	21.5	22.5
18	---	---	---	---	---	---	18.5	17.5	18.0	23.5	22.0	23.0
19	---	---	---	---	---	---	18.5	17.5	18.0	24.0	22.5	23.0
20	---	---	---	---	---	---	19.0	18.0	18.5	24.0	23.0	23.5
21	---	---	---	---	---	---	19.0	18.0	18.5	24.0	23.5	23.5
22	---	---	---	---	---	---	20.0	18.5	19.0	---	---	---
23	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
24	---	---	---	---	---	---	19.5	19.0	19.0	---	---	---
25	---	---	---	---	---	---	20.0	19.0	19.5	---	---	---
26	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
27	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
28	---	---	---	---	---	---	20.0	19.5	19.5	24.0	23.0	23.5
29	---	---	---	---	---	---	20.5	19.5	20.0	---	---	---
30	---	---	---	---	---	---	21.0	19.5	20.0	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	21.0	17.5	19.2	24.0	20.0	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	28.0	27.5	27.5	28.5	27.5	28.0	28.0	27.5	28.0
2	---	---	---	28.0	27.0	27.5	---	---	---	28.0	27.5	28.0
3	---	---	---	28.5	27.5	28.0	---	---	---	28.5	27.5	28.0
4	24.0	23.5	24.0	29.0	27.5	28.0	---	---	---	28.0	27.0	27.5
5	23.5	23.0	23.5	29.0	28.0	28.5	29.0	28.0	28.5	27.5	26.5	27.0
6	23.0	22.0	22.5	29.0	28.0	28.5	29.0	28.0	28.5	28.0	26.5	27.0
7	22.0	21.5	21.5	29.0	28.5	28.5	28.5	28.0	28.0	28.0	26.5	27.0
8	22.0	21.0	21.5	29.5	28.0	29.0	28.5	27.5	28.0	27.5	26.5	27.0
9	22.5	21.0	21.5	30.0	28.5	29.0	28.0	2				

COOPER RIVER BASIN
021720677 COOPER RIVER AT FILBIN CREEK NEAR NORTH CHARLESTON, SC--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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

WANDO RIVER BASIN
021720698 WANDO RIVER ABOVE MT. PLEASANT, SC

323

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.

PERIOD OF RECORD.--July 1992 to September 1996, April 1997 to September 1997.

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, 22.50 ft, June 5; minimum gage height, 13.44 ft, May 6.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	21.13	14.55	18.06
2	---	---	---	---	---	---	---	---	---	21.25	14.43	18.13
3	---	---	---	---	---	---	---	---	---	21.25	14.09	18.21
4	---	---	---	---	---	---	---	---	---	21.41	13.50	17.70
5	---	---	---	---	---	---	---	---	---	21.66	13.79	18.06
6	---	---	---	---	---	---	---	---	---	21.40	13.44	17.73
7	---	---	---	---	---	---	---	---	---	21.84	13.77	17.81
8	---	---	---	---	---	---	---	---	---	21.67	14.13	18.01
9	---	---	---	---	---	---	---	---	---	20.51	14.11	17.54
10	---	---	---	---	---	---	21.71	14.26	18.18	20.73	13.93	17.49
11	---	---	---	---	---	---	21.39	14.86	18.18	20.72	15.04	17.93
12	---	---	---	---	---	---	21.36	15.04	18.08	20.70	15.15	17.81
13	---	---	---	---	---	---	20.77	15.03	17.68	20.57	15.34	17.76
14	---	---	---	---	---	---	19.79	15.35	17.73	19.72	15.44	17.71
15	---	---	---	---	---	---	20.24	15.91	18.22	20.06	15.09	17.60
16	---	---	---	---	---	---	20.37	15.82	18.23	19.87	15.08	17.43
17	---	---	---	---	---	---	20.11	14.64	17.77	19.86	14.73	17.41
18	---	---	---	---	---	---	19.95	15.08	17.65	19.88	14.45	17.27
19	---	---	---	---	---	---	20.50	15.17	17.85	---	---	---
20	---	---	---	---	---	---	21.34	15.29	18.47	20.38	13.84	17.27
21	---	---	---	---	---	---	21.10	15.46	18.52	21.59	13.96	17.85
22	---	---	---	---	---	---	20.97	14.52	17.81	21.68	14.87	18.32
23	---	---	---	---	---	---	20.83	14.16	17.99	21.75	14.65	18.19
24	---	---	---	---	---	---	21.25	14.53	17.95	21.56	14.43	18.02
25	---	---	---	---	---	---	21.04	14.69	17.96	21.32	14.53	17.88
26	---	---	---	---	---	---	21.39	14.58	17.95	20.86	14.07	17.55
27	---	---	---	---	---	---	21.56	15.24	18.34	22.02	14.75	18.26
28	---	---	---	---	---	---	21.56	14.88	18.12	22.29	15.92	18.88
29	---	---	---	---	---	---	20.63	14.44	17.88	21.64	15.37	18.63
30	---	---	---	---	---	---	21.30	15.32	18.39	21.11	14.89	18.30
31	---	---	---	---	---	---	---	---	---	21.27	14.73	18.31
MONTH	---	---	---	---	---	---	21.71	14.16	18.05	22.29	13.44	17.90

WANDO RIVER BASIN
021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.31	14.20	18.20	21.98	15.12	18.82	21.85	15.52	18.80	21.23	15.08	18.37
2	21.52	14.23	18.17	22.26	15.15	18.90	21.66	15.16	18.62	20.98	15.60	18.46
3	21.84	14.25	18.23	21.92	14.96	18.77	21.21	14.93	18.26	20.96	15.40	18.37
4	22.13	14.78	18.65	21.57	14.70	18.40	20.78	14.85	17.91	21.04	15.50	18.66
5	22.50	15.54	19.03	20.82	14.68	18.00	20.84	14.78	17.91	21.08	15.76	18.66
6	22.47	16.13	19.38	21.10	14.89	17.98	21.01	15.18	18.27	20.80	15.76	18.45
7	22.09	15.79	19.09	20.85	14.68	17.77	20.86	15.74	18.41	20.51	15.64	18.18
8	21.61	15.72	18.71	20.70	15.08	17.89	20.86	15.95	18.60	20.41	15.62	18.02
9	21.50	15.86	18.69	20.55	15.29	18.00	20.72	15.95	18.38	20.68	15.72	18.11
10	21.47	16.05	18.73	20.45	15.22	17.93	20.29	15.79	18.11	20.93	15.69	18.27
11	21.09	15.87	18.35	20.44	15.50	18.19	20.63	15.71	18.22	21.03	15.24	18.30
12	20.57	15.93	18.24	20.60	15.99	18.38	20.52	15.50	18.05	21.31	15.31	18.41
13	20.37	15.85	18.09	20.43	15.68	18.15	20.73	15.22	17.93	21.68	14.99	18.54
14	19.84	15.14	17.66	20.47	15.41	17.88	20.88	14.78	17.85	22.02	14.49	18.52
15	20.74	15.79	18.21	20.33	14.91	17.63	21.11	14.40	17.89	22.08	14.28	18.51
16	21.28	15.90	18.67	20.67	14.61	17.64	21.54	14.02	17.89	22.27	14.14	18.51
17	21.17	14.86	18.38	21.02	14.47	17.86	21.46	13.47	17.76	22.21	14.16	18.61
18	20.85	14.88	18.11	21.49	14.21	17.98	21.62	13.49	17.73	22.16	14.27	18.48
19	21.17	14.11	17.77	21.70	13.81	17.92	22.49	13.58	18.37	22.14	14.39	18.53
20	21.68	14.17	17.97	21.98	13.80	17.98	22.22	14.81	18.84	21.98	14.75	18.48
21	21.68	14.35	18.10	22.10	14.06	18.12	21.79	14.40	18.35	21.60	14.51	18.38
22	21.49	14.06	17.84	21.82	13.98	18.03	21.55	14.23	18.12	21.90	15.82	18.96
23	21.37	14.00	17.70	21.58	14.06	17.96	21.56	14.63	18.34	21.08	15.44	18.39
24	21.26	14.05	17.74	21.41	13.94	17.70	21.40	14.90	18.32	21.11	15.48	18.42
25	21.20	14.02	17.70	20.95	13.65	17.74	21.28	15.11	18.44	21.29	15.89	18.73
26	20.93	13.83	17.57	21.48	14.59	18.36	21.35	15.49	18.52	21.36	16.02	18.91
27	20.69	13.93	17.59	21.20	14.84	18.27	21.05	15.45	18.40	21.39	16.49	19.19
28	21.58	14.81	18.59	20.76	14.33	17.76	20.97	15.34	18.31	20.94	14.87	18.45
29	21.81	14.90	18.77	20.68	13.98	17.50	20.95	14.98	18.15	20.45	14.56	17.68
30	21.94	15.03	18.84	21.28	14.41	18.03	21.23	15.34	18.36	20.28	14.64	17.68
31	---	---	---	21.80	15.58	18.82	21.15	15.25	18.45	---	---	---
MONTH	22.50	13.83	18.29	22.26	13.65	18.08	22.49	13.47	18.24	22.27	14.14	18.44
YEAR	22.50	13.44	18.17									

WANDO RIVER BASIN
021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1997 to present.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to September 1997.

WATER TEMPERATURE: April 1997 to September 1997.

DISSOLVED OXYGEN: April 1997 to September 1997.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 40,500 microsiemens, June 5, 1997; minimum, 24,100 microsiemens, July 5, 7, 1997.

WATER TEMPERATURE: Maximum, 31.0°C, July 28 - 30, Aug. 20, 1997; minimum, 17.5°C, Apr. 18 - 19, 1997.

DISSOLVED OXYGEN: Maximum 9.0 mg/L, May 17, 1997; minimum 3.6 mg/L, Sept. 17, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 40,500 microsiemens, June 5; minimum, 24,100 microsiemens, July 5, 7.

WATER TEMPERATURE: Maximum, 31.0°C, July 28 - 30, Aug. 20; minimum, 17.5°C, Apr. 18 - 19.

DISSOLVED OXYGEN: Maximum 9.0 mg/L, May 17; minimum 3.6 mg/L, Sept. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	33200	28000	30000
3	---	---	---	---	---	---	---	---	---	32300	28300	30100
4	---	---	---	---	---	---	---	---	---	32300	27700	29100
5	---	---	---	---	---	---	---	---	---	33600	27400	29400
6	---	---	---	---	---	---	---	---	---	33400	27000	29400
7	---	---	---	---	---	---	---	---	---	34500	27100	29300
8	---	---	---	---	---	---	---	---	---	34100	26500	29400
9	---	---	---	---	---	---	---	---	---	31700	27100	28900
10	---	---	---	---	---	---	---	---	---	32000	26700	28700
11	---	---	---	---	---	---	---	---	---	34400	27700	29800
12	---	---	---	---	---	---	---	---	---	34400	28100	30400
13	---	---	---	---	---	---	---	---	---	33700	28500	30700
14	---	---	---	---	---	---	---	---	---	32600	28300	30500
15	---	---	---	---	---	---	---	---	---	33700	29000	31000
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	38100	28900	32700
22	---	---	---	---	---	---	---	---	---	38400	30200	33900
23	---	---	---	---	---	---	---	---	---	38700	30700	34100
24	---	---	---	---	---	---	---	---	---	37000	30700	33700
25	---	---	---	---	---	---	---	---	---	36100	31100	33300
26	---	---	---	---	---	---	---	---	---	35600	30900	32600
27	---	---	---	---	---	---	---	---	---	37800	31200	33200
28	---	---	---	---	---	---	---	---	---	39300	32100	35000
29	---	---	---	---	---	---	---	---	---	38400	32200	35000
30	---	---	---	---	---	---	---	---	---	37400	32100	34800
31	---	---	---	---	---	---	---	---	---	37200	32300	34300
MONTH	---	---	---	---	---	---	---	---	---	39300	26500	31600

WANDO RIVER BASIN
021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	35700	31700	33600	33300	26900	29500	37100	28600	32500	37100	33000	34600
2	36900	31500	33400	34200	26600	29500	36900	28600	32400	36800	33500	34700
3	38600	31800	33600	32100	26200	29000	35100	28900	31800	36800	33000	34800
4	39800	31800	34400	30300	25300	27700	33800	28800	31000	37600	33600	35300
5	40500	32400	35200	27900	24100	26300	33000	28800	30400	37800	34200	35800
6	39200	27700	34100	28900	24500	26100	34300	28500	30800	37300	34500	35600
7	35500	27700	31400	28100	24100	26000	34800	29100	31800	36100	33100	34900
8	34400	27500	30500	29400	24400	26300	35600	29500	32700	36000	33500	34800
9	33600	27700	30200	29900	24600	27000	35300	30000	32900	35400	33000	34400
10	34100	27900	30400	30900	24900	27400	36000	30200	32900	35000	32200	34100
11	34100	27600	30400	31100	25500	28300	36100	30300	33200	35800	32500	33800
12	33500	27900	30300	32100	26500	29200	35300	30700	33000	36000	32400	33800
13	34100	28400	30100	33200	27100	29900	34000	30600	32300	36700	32600	33900
14	31900	27400	29300	34400	27100	30800	33500	30500	32000	37400	32300	33700
15	34500	27000	30300	33300	28100	30700	34300	30500	31800	37300	32000	33800
16	36800	28500	32900	32500	27400	30100	34900	30100	31700	39600	31600	34300
17	36400	29300	33300	33900	27400	29900	34800	29100	31400	40200	32400	35300
18	35500	28900	32600	35400	27600	31000	35000	29200	31300	40200	32600	35400
19	34700	27700	31600	36200	28200	31600	38000	29300	32100	40100	32800	35300
20	35900	28400	31600	36700	28300	31700	38800	29800	33300	38800	32900	34800
21	35500	28700	31700	37500	28600	32000	36900	29400	32500	37500	32900	34300
22	34000	28400	30800	36100	28800	31700	36800	29500	32600	39200	33500	35200
23	33900	28600	30300	35500	28900	31300	36800	32400	33500	37200	33300	35100
24	33900	27800	29800	35300	28600	30700	36600	32500	33900	37000	33400	34500
25	32700	28200	29500	32700	27600	29900	37100	32400	34400	35700	32500	34200
26	31800	27900	29100	33900	27900	30300	37600	33300	34900	37200	33000	34700
27	31600	27600	29100	33300	28100	30600	36500	33700	35000	37300	32300	34700
28	35800	27500	30700	31000	28000	29500	37600	32700	34900	35700	30800	33200
29	34500	27000	30700	32100	27400	29400	37000	32300	34100	32800	30600	31600
30	33700	26900	30100	35200	29100	30400	36700	33400	34500	31800	29800	30800
31	---	---	---	36600	29000	32000	36400	33400	34600	---	---	---
MONTH	40500	26900	31400	37500	24100	29500	38800	28500	32800	40200	29800	34400
YEAR	40500	24100	31900									

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	21.5	20.0	20.5
2	---	---	---	---	---	---	---	---	---	21.5	20.0	21.0
3	---	---	---	---	---	---	---	---	---	21.5	20.5	21.0
4	---	---	---	---	---	---	19.5	18.5	19.0	21.5	20.5	21.0
5	---	---	---	---	---	---	19.5	18.5	19.0	21.5	20.5	21.0
6	---	---	---	---	---	---	20.0	19.0	19.5	22.0	21.0	21.5
7	---	---	---	---	---	---	20.0	19.5	20.0	22.0	21.0	21.5
8	---	---	---	---	---	---	20.0	19.5	19.5	22.5	21.5	21.5
9	---	---	---	---	---	---	20.0	19.5	19.5	22.5	21.5	22.0
10	---	---	---	---	---	---	19.5	19.0	19.5	22.5	21.5	22.0
11	---	---	---	---	---	---	19.5	18.5	19.0	22.5	21.5	22.0
12	---	---	---	---	---	---	20.0	19.0	19.5	22.0	21.5	21.5
13	---	---	---	---	---	---	20.5	19.5	19.5	22.5	21.5	22.0
14	---	---	---	---	---	---	19.5	18.0	19.0	23.0	21.0	22.0
15	---	---	---	---	---	---	19.5	18.0	18.5	23.0	21.5	22.0
16	---	---	---	---	---	---	19.5	18.0	19.0	23.0	21.5	22.0
17	---	---	---	---	---	---	19.5	18.5	19.0	23.0	21.5	22.5
18	---	---	---	---	---	---	18.5	17.5	18.0	23.5	22.0	23.0
19	---	---	---	---	---	---	18.5	17.5	18.0	24.0	22.5	23.0
20	---	---	---	---	---	---	19.0	18.0	18.5	24.0	23.0	23.5
21	---	---	---	---	---	---	19.0	18.0	18.5	24.0	23.5	23.5
22	---	---	---	---	---	---	20.0	18.5	19.0	---	---	---
23	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
24	---	---	---	---	---	---	19.5	19.0	19.0	---	---	---
25	---	---	---	---	---	---	20.0	19.0	19.5	---	---	---
26	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
27	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
28	---	---	---	---	---	---	20.0	19.5	19.5	24.0	23.0	23.5
29	---	---	---	---	---	---	20.5	19.5	20.0	---	---	---
30	---	---	---	---	---	---	21.0	19.5	20.0	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	21.0	17.5	19.2	24.0	20.0	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	28.0	27.5	27.5	28.5	27.5	28.0	28.0	27.5	28.0
2	---	---	---	28.0	27.0	27.5	---	---	---	28.0	27.5	28.0
3	---	---	---	28.5	27.5	28.0	---	---	---	28.5	27.5	28.0
4	24.0	23.5	24.0	29.0	27.5	28.0	---	---	---	28.0	27.0	27.5
5	23.5	23.0	23.5	29.0	28.0	28.5	29.0	28.0	28.5	27.5	26.5	27.0
6	23.0	22.0	22.5	29.0	28.0	28.5	29.0	28.0	28.5	28.0	26.5	27.0
7	22.0	21.5	21.5	29.0	28.5	28.5	28.5	28.0	28.0	28.0	26.5	27.0
8	22.0	21.0	21.5	29.5	28.0	29.0	28.5	27.5	28.0	27.5	26.5	27.0
9	22.5	21.0	21.5	30.0	28.5	29.0	28.0	27.0				

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	8.0	6.4	7.1
2	---	---	---	---	---	---	---	---	---	7.6	5.8	6.8
3	---	---	---	---	---	---	---	---	---	7.0	6.0	6.6
4	---	---	---	---	---	---	---	---	---	7.2	5.8	6.5
5	---	---	---	---	---	---	---	---	---	7.3	5.8	6.6
6	---	---	---	---	---	---	---	---	---	7.1	5.6	6.5
7	---	---	---	---	---	---	---	---	---	7.2	5.7	6.4
8	---	---	---	---	---	---	---	---	---	7.1	5.7	6.4
9	---	---	---	---	---	---	---	---	---	7.4	5.9	6.5
10	---	---	---	---	---	---	---	---	---	7.4	6.1	6.7
11	---	---	---	---	---	---	---	---	---	7.7	6.5	7.0
12	---	---	---	---	---	---	---	---	---	7.7	6.5	7.1
13	---	---	---	---	---	---	---	---	---	8.1	6.6	7.3
14	---	---	---	---	---	---	---	---	---	8.8	6.8	7.7
15	---	---	---	---	---	---	---	---	---	8.7	7.2	8.0
16	---	---	---	---	---	---	---	---	---	8.7	7.3	8.1
17	---	---	---	---	---	---	---	---	---	9.0	7.1	8.0
18	---	---	---	---	---	---	---	---	---	8.6	6.7	7.8
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	7.3	5.6	6.4
22	---	---	---	---	---	---	---	---	---	6.9	5.3	6.1
23	---	---	---	---	---	---	---	---	---	6.7	5.0	5.9
24	---	---	---	---	---	---	---	---	---	6.3	5.0	5.7
25	---	---	---	---	---	---	---	---	---	6.3	5.1	5.7
26	---	---	---	---	---	---	---	---	---	6.2	5.3	5.7
27	---	---	---	---	---	---	---	---	---	6.3	5.3	5.8
28	---	---	---	---	---	---	---	---	---	6.4	5.8	6.1
29	---	---	---	---	---	---	---	---	---	6.6	6.0	6.2
30	---	---	---	---	---	---	---	---	---	6.7	5.8	6.2
31	---	---	---	---	---	---	---	---	---	6.7	5.7	6.1
MONTH	---	---	---	---	---	---	---	---	---	9.0	5.0	6.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	6.7	5.7	6.1	6.7	4.9	5.7	6.3	5.7	5.9	6.2	4.8	5.6
2	7.0	5.5	6.2	6.6	4.8	5.5	6.6	5.4	5.8	6.3	5.4	5.8
3	7.0	6.0	6.4	6.8	4.7	5.6	6.4	5.2	5.8	6.2	5.2	5.7
4	6.9	6.0	6.4	6.6	4.7	5.6	6.5	5.1	5.9	6.6	5.4	6.0
5	7.3	6.2	6.8	6.1	5.1	5.6	6.5	5.4	6.1	7.0	5.9	6.4
6	7.8	6.2	7.1	7.2	4.7	5.7	6.8	5.7	6.2	7.4	5.7	6.5
7	7.2	6.4	6.8	6.8	5.1	5.9	6.7	5.6	6.1	7.9	5.9	6.7
8	7.2	6.3	6.7	6.8	4.7	5.9	7.0	5.4	6.3	8.1	5.9	6.8
9	7.3	6.4	6.8	7.5	4.8	6.0	6.6	5.6	6.2	7.7	6.0	6.8
10	7.4	6.6	7.0	7.2	4.5	6.0	6.4	5.4	5.8	7.3	6.0	6.7
11	7.6	6.6	7.1	7.3	4.7	6.0	7.1	5.3	5.9	7.2	5.8	6.6
12	8.0	6.5	7.1	7.4	5.0	6.2	7.3	5.3	6.2	6.8	5.5	6.2
13	7.5	6.										

COOPER RIVER BASIN
021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC

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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.

PERIOD OF DAILY RECORD.--April 1997 to September 1997.

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 10.56 ft, Aug. 19, 1997; minimum gage height, 1.84 ft, May 6, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.56 ft, Aug. 19; minimum gage height, 1.84 ft, May 6.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	8.63	2.98	6.16
2	---	---	---	---	---	---	---	---	---	9.29	3.54	6.62
3	---	---	---	---	---	---	---	---	---	9.30	2.49	6.30
4	---	---	---	---	---	---	---	---	---	9.41	1.95	5.82
5	---	---	---	---	---	---	---	---	---	9.67	2.20	6.15
6	---	---	---	---	---	---	---	---	---	9.37	1.84	5.83
7	---	---	---	---	---	---	---	---	---	9.83	2.17	5.94
8	---	---	---	---	---	---	---	---	---	9.66	2.53	6.12
9	---	---	---	---	---	---	---	---	---	8.57	2.47	5.67
10	---	---	---	---	---	---	---	---	---	8.79	2.36	5.64
11	---	---	---	---	---	---	9.53	3.31	6.53	8.78	3.38	6.09
12	---	---	---	---	---	---	8.89	3.75	6.12	8.74	3.51	5.96
13	---	---	---	---	---	---	8.00	3.73	5.86	8.62	3.66	5.91
14	---	---	---	---	---	---	8.44	4.18	7.01	7.81	3.74	5.89
15	---	---	---	---	---	---	8.58	4.37	5.84	8.13	3.44	5.75
16	---	---	---	---	---	---	8.46	4.36	6.63	7.93	3.41	5.59
17	---	---	---	---	---	---	8.27	3.47	5.99	7.88	3.08	5.57
18	---	---	---	---	---	---	8.05	3.67	5.96	7.90	2.77	5.42
19	---	---	---	---	---	---	8.35	3.65	6.36	8.26	2.55	5.49
20	---	---	---	---	---	---	9.26	3.91	6.38	8.41	2.22	5.41
21	---	---	---	---	---	---	9.51	3.77	6.49	9.58	2.31	5.98
22	---	---	---	---	---	---	9.30	3.31	5.56	9.69	3.27	6.45
23	---	---	---	---	---	---	9.12	3.43	7.02	9.76	3.02	6.31
24	---	---	---	---	---	---	9.54	3.44	6.38	9.56	2.86	6.15
25	---	---	---	---	---	---	9.23	3.40	6.44	9.32	2.87	6.00
26	---	---	---	---	---	---	9.89	4.07	6.81	8.85	2.48	5.69
27	---	---	---	---	---	---	9.89	4.06	6.88	10.11	3.12	6.43
28	---	---	---	---	---	---	8.60	2.73	6.00	10.25	4.30	7.01
29	---	---	---	---	---	---	9.24	3.49	6.29	9.68	3.78	6.76
30	---	---	---	---	---	---	9.02	3.87	6.86	9.15	3.30	6.43
31	---	---	---	---	---	---	---	---	---	9.29	3.13	6.43
MONTH	---	---	---	---	---	---	9.89	2.73	6.37	10.25	1.84	6.03

COOPER RIVER BASIN
021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

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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, 49,200 microsiemens, Aug. 19, 20, 1997; minimum, 24,300 microsiemens, July 5, 1997.

WATER TEMPERATURE: Maximum, 30.5°C, July 28 - 30, 1997; minimum, 17.5°C, April 18, 19, 1997.

DISSOLVED OXYGEN: Maximum, 9.3 mg/L, May 19, 1997; minimum, 4.3 mg/L, Sept. 17, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,200 microsiemens, Aug. 19, 20; minimum, 24,300 microsiemens, July 5.

WATER TEMPERATURE: Maximum, 30.5°C, July 28 - 30; minimum, 17.5° C, April 18, 19.

DISSOLVED OXYGEN: Maximum, 9.3 mg/L, May 19; minimum, 4.3 mg/L, Sept. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	41200	28000	33700
4	---	---	---	---	---	---	---	---	---	43600	25900	32600
5	---	---	---	---	---	---	---	---	---	43300	27300	34400
6	---	---	---	---	---	---	---	---	---	42800	28500	34100
7	---	---	---	---	---	---	---	---	---	44700	27700	34500
8	---	---	---	---	---	---	---	---	---	44200	29100	35200
9	---	---	---	---	---	---	---	---	---	42000	26900	32900
10	---	---	---	---	---	---	---	---	---	41100	27600	32900
11	---	---	---	---	---	---	45200	34800	39300	41100	29000	34900
12	---	---	---	---	---	---	41800	32400	36500	41000	30600	34900
13	---	---	---	---	---	---	39800	30800	35300	40100	29600	34200
14	---	---	---	---	---	---	42300	33000	38000	---	---	---
15	---	---	---	---	---	---	42200	34500	38600	---	---	---
16	---	---	---	---	---	---	41800	34500	38500	---	---	---
17	---	---	---	---	---	---	41200	33000	36800	---	---	---
18	---	---	---	---	---	---	40200	33200	36800	---	---	---
19	---	---	---	---	---	---	40900	33700	37500	---	---	---
20	---	---	---	---	---	---	42700	35500	38300	41600	32000	36400
21	---	---	---	---	---	---	41900	35200	37500	46000	33800	38200
22	---	---	---	---	---	---	40500	34000	35800	45700	35500	39600
23	---	---	---	---	---	---	38100	32300	35500	45700	34700	39200
24	---	---	---	---	---	---	37700	31300	33900	45300	33900	38300
25	---	---	---	---	---	---	38900	30600	34000	43500	33500	37500
26	---	---	---	---	---	---	39100	30600	33800	43000	31400	36500
27	---	---	---	---	---	---	36800	30000	33200	45200	33100	38300
28	---	---	---	---	---	---	32400	25800	28900	47200	34700	40000
29	---	---	---	---	---	---	31500	25400	28200	45600	36100	40000
30	---	---	---	---	---	---	30600	26100	28200	44300	34600	39200
31	---	---	---	---	---	---	---	---	---	43900	33900	38600
MONTH	---	---	---	---	---	---	45200	25400	35200	47200	25900	36400

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43500	32700	37600	38400	28400	33300	45800	33400	38800	44400	35400	39300
2	44300	32400	37400	38000	28500	33000	44800	34000	38700	44100	34900	39400
3	45500	32300	37400	34800	28100	31900	43900	31800	37300	44200	34500	39200
4	45900	32600	38300	31400	25800	29300	41800	29300	35800	44900	36100	40200
5	48800	33200	39900	31600	24300	27900	41800	28600	35200	45200	36000	40700
6	46800	33000	39700	32000	25700	28500	42500	31800	37100	44100	35000	39600
7	44300	31600	37300	31800	26800	29100	42500	33700	37700	42700	33500	38600
8	42600	29500	35600	32800	28100	30100	43500	35000	39000	42200	32300	37600
9	41400	29500	35200	36700	29100	32100	42800	34100	38500	43000	31000	37500
10	42600	29900	35600	39200	29200	34300	42900	33200	38300	43800	31500	38400
11	39900	30200	34700	41100	29600	36000	41800	33100	38200	43400	33500	38300
12	39500	28800	34200	42100	31900	37200	41200	32300	37600	43400	33000	38400
13	39100	28600	34100	42500	32500	37400	41400	31600	36900	45300	34400	39000
14	39000	27700	33300	42100	33200	37600	41400	30700	36100	47000	33900	39300
15	43000	29800	36500	41700	31100	37100	43500	31000	36600	47000	34200	39500
16	43400	33500	38500	42200	29600	36300	44300	31900	36800	48400	34100	40100
17	42600	33900	37900	44300	30600	37000	46200	31800	37100	48700	34700	41000
18	43300	31400	37000	44900	32700	37800	46500	31500	37400	48400	35200	41000
19	---	---	---	46600	33100	38400	49200	31900	39400	48400	35000	41000
20	---	---	---	48600	32900	38800	49200	33500	40300	47800	34800	40200
21	44800	30500	36800	48800	33300	39600	46800	34100	40000	46300	34100	39600
22	43300	29300	35600	47300	32900	38800	---	---	---	48000	36300	41300
23	45100	27700	35200	45800	32400	37900	45800	33200	39400	44400	34400	39700
24	44300	28900	34900	44700	32600	36500	---	---	---	44700	34500	39000
25	44300	27500	34400	45500	31500	36900	---	---	---	43200	34000	38700
26	41000	28600	34100	45800	32900	38600	---	---	---	43600	34900	39300
27	41800	28800	34500	44300	33800	38300	---	---	---	43200	35600	39300
28	43900	32300	37300	42300	29300	35600	---	---	---	39600	32700	36400
29	42500	30200	35900	42200	26700	33900	44500	33300	39000	40200	29700	34700
30	41200	29100	34900	46000	28800	35900	44800	34400	39000	40400	28200	34400
31	---	---	---	46200	34200	38700	44600	35000	39400	---	---	---
MONTH	48800	27500	36200	48800	24300	35300	49200	28600	38000	48700	28200	39000
YEAR	49200	24300	36700									

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	21.0	20.5	21.0
2	---	---	---	---	---	---	---	---	---	21.0	20.5	21.0
3	---	---	---	---	---	---	---	---	---	21.5	21.0	21.5
4	---	---	---	---	---	---	---	---	---	21.5	21.0	21.0
5	---	---	---	---	---	---	---	---	---	21.5	20.5	21.0
6	---	---	---	---	---	---	---	---	---	21.5	21.0	21.0
7	---	---	---	---	---	---	---	---	---	21.5	21.0	21.0
8	---	---	---	---	---	---	---	---	---	22.0	21.0	21.5
9	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
10	---	---	---	---	---	---	---	---	---	22.0	21.5	22.0
11	---	---	---	---	---	---	19.5	18.5	19.0	22.0	21.0	21.5
12	---	---	---	---	---	---	19.5	19.0	19.5	21.5	21.0	21.5
13	---	---	---	---	---	---	20.0	18.5	19.5	22.0	21.0	21.5
14	---	---	---	---	---	---	19.0	18.5	18.5	22.5	21.5	22.0
15	---	---	---	---	---	---	19.0	18.0	18.5	22.5	21.5	22.0
16	---	---	---	---	---	---	19.0	18.0	18.5	22.5	22.0	22.0
17	---	---	---	---	---	---	19.0	18.0	18.5	22.5	21.5	22.0
18	---	---	---	---	---	---	18.5	17.5	18.0	23.0	22.0	22.5
19	---	---	---	---	---	---	18.0	17.5	18.0	24.0	22.5	23.0
20	---	---	---	---	---	---	18.5	18.0	18.0	24.0	23.0	23.5
21	---	---	---	---	---	---	19.0	18.5	19.0	24.0	23.5	23.5
22	---	---	---	---	---	---	19.5	19.0	19.5	24.5	23.5	24.0
23	---	---	---	---	---	---	19.5	19.0	19.5	24.5	23.5	24.0
24	---	---	---	---	---	---	20.0	19.0	19.5	24.5	24.0	24.0
25	---	---	---	---	---	---	19.5	19.5	19.5	24.5	24.0	24.0
26	---	---	---	---	---	---	19.5	19.0	19.5	24.5	24.0	24.5
27	---	---	---	---	---	---	20.0	19.5	19.5	24.5	23.5	24.0
28	---	---	---	---	---	---	20.0	19.5	20.0	23.5	22.5	23.0
29	---	---	---	---	---	---	20.5	20.0	20.0	23.0	22.0	22.5
30	---	---	---	---	---	---	20.5	20.5	20.5	23.0	22.5	23.0
31	---	---	---	---	---	---	---	---	---	24.0	22.5	23.0
MONTH	---	---	---	---	---	---	20.5	17.5	19.1	24.5	20.5	22.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	24.0	23.5	23.5	28.0	27.5	27.5	28.5	26.5	27.5	28.5	28.0	28.0
2	24.5	23.5	24.0	28.0	27.5	27.5	28.0	26.5	27.5	28.0	28.0	28.0
3	24.5	24.0	24.0	29.0	27.5	28.0	28.5	27.0	27.5	28.5	27.5	28.0
4	24.0	23.5	24.0	29.5	28.0	28.5	28.5	27.5	28.0	28.0	27.5	27.5
5	23.5	22.5	23.0	29.5	28.5	29.0	28.5	27.5	28.0	27.5	26.5	27.0
6	23.0	21.5	22.0	29.5	28.5	29.0	28.5	27.5	28.0	27.0	26.0	26.5
7	21.5	20.5	21.5	29.5	28.5	29.0	28.0	27.5	28.0	27.0	26.5	26.5
8	21.5	20.5	21.0	29.5	28.5	29.0	27.5	27.0	27.5	27.0	26.5	

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

COOPER RIVER BASIN
021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

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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, 52,300 microsiemens, Jan. 9; minimum, 24,000 microsiemens, Feb. 23, May 7.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 52,600 microsiemens, June 5; minimum, 26,000 microsiemens, June 26.

WATER TEMPERATURE (Top): Maximum, 31.0°C, July 29; minimum, 9.0°C, Jan. 19 - 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	46100	31000	37200	39200	28600	32800	45000	34200	39300	44800	32600	38000
2	43900	32000	36300	38400	26900	31700	42500	33400	37900	44100	34700	38700
3	41900	30900	35200	41400	29200	33600	44300	34200	39600	44100	32200	37700
4	42300	29600	34800	39400	31400	35300	45500	34300	40100	43800	33700	38000
5	38900	30500	34800	41700	34200	36400	45700	36100	40600	45600	33700	38900
6	39200	32200	35900	42400	34200	37900	44300	36700	39600	47200	35900	40800
7	41700	33900	37200	44400	36000	39500	46300	36800	41000	50400	36700	42500
8	40900	31000	35600	45000	35400	40100	48800	37400	42500	51500	36700	43400
9	36300	28200	32900	44800	35200	39600	48900	37700	42400	52300	36900	44100
10	38000	26500	31400	46100	35200	39800	50400	37500	43500	49100	33200	41100
11	41200	26200	32300	46800	35000	40100	50000	37600	42800	50300	31800	39500
12	41600	26200	33100	46300	34600	39800	50300	36000	42600	49900	32400	40000
13	43300	27900	34600	46600	33600	39500	50100	36000	42200	48400	33200	39300
14	42000	28600	34300	47400	34800	40000	50200	35700	41700	46800	31800	38300
15	40800	27100	32700	47900	35200	40300	49900	35700	41800	46100	33200	38700
16	42300	26300	31800	48100	35900	41300	49700	36500	42100	47500	32000	39000
17	40100	25800	30800	46600	36400	41200	48900	36200	42100	44400	32600	37500
18	40400	26300	31800	46200	37200	41000	46800	34900	40100	42400	30400	36200
19	38700	26000	31000	46400	36400	41100	45800	31300	38400	44800	30400	37500
20	39700	28900	33500	46700	36700	41500	43100	31300	36000	43600	33700	37600
21	40300	29200	34500	47300	36800	41700	45600	30300	36500	45200	33400	38200
22	42100	30600	35800	48400	35400	40800	45600	31800	37000	46100	34400	39000
23	43000	30600	36300	49900	35500	42000	44900	31800	37600	45000	34000	38500
24	43100	29600	35600	49600	35400	41300	45900	32600	38200	46900	33600	38800
25	44500	28800	36100	49400	35400	41700	45800	33200	38100	45700	34700	39700
26	44900	28100	35900	46600	33800	39600	47500	34100	39500	46200	34000	38900
27	45000	29600	36400	48300	32900	39300	46000	33400	38600	48000	35700	40100
28	45100	30100	36600	47600	34000	39000	44900	33700	37700	45500	35500	39600
29	43400	28900	35500	46300	35100	38600	44200	33300	37700	44700	34500	38800
30	43800	30700	35500	46100	33700	39600	42300	33500	37400	46300	35300	39900
31	39400	27300	32800	---	---	---	42600	34200	37400	43300	33800	38500
MONTH	46100	25800	34500	49900	26900	39200	50400	30300	39700	52300	30400	39300

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	42000	31900	36800	42300	28100	33500	40800	27500	33300	42900	30300	35200
2	42600	33100	37200	42500	29900	34800	45500	30300	36100	---	---	---
3	45600	35400	39500	44100	32700	37300	45800	29700	38900	---	---	---
4	---	---	---	44200	31800	36900	46000	35100	40100	---	---	---
5	---	---	---	48300	32100	39600	47000	33100	39900	---	---	---
6	---	---	---	47100	32500	39500	47900	34300	40400	44900	28000	35600
7	---	---	---	49900	30800	39600	48400	34000	40400	45900	24000	33900
8	---	---	---	50000	30600	39200	49300	33100	40400	44700	27300	34800
9	---	---	---	50400	29700	39800	48600	32700	40400	41700	28200	33800
10	---	---	---	49700	32400	40900	48600	33900	40200	40200	27000	32900
11	---	---	---	50500	34100	41200	48500	32300	39700	40300	26900	32200
12	46200	31600	37400	50900	33500	41300	46900	30300	37400	40700	27700	33000
13	46500	30500	38500	50900	32400	38500	43600	30900	36000	39200	29400	33700
14	48700	26700	37800	50000	28600	35400	42400	31200	35900	38000	28900	32100
15	43200	29700	35300	40200	25100	31400	43800	33000	37700	39800	28700	33300
16	42500	28000	35300	43200	25000	32500	42600	32800	37700	35400	26900	31300
17	41900	28000	34500	42600	27000	35300	43600	33400	38000	39600	29200	33800
18	43200	26100	34100	43200	30800	36500	43400	33800	38700	39600	29900	34300
19	42400	29100	34100	42500	29800	36700	42600	34400	38300	42900	31800	36100
20	43500	29600	35500	43500	32000	37700	46300	34600	40000	44100	32900	37200
21	41900	28800	34600	44200	33800	38200	46700	37100	41500	47700	31800	38200
22	40700	28300	32600	43800	33000	37100	47300	36600	41100	48000	33800	39900
23	39900	24000	32200	46200	30700	38200	46900	36100	41000	47700	33800	40100
24	43500	28900	34600	47300	30100	38600	47800	36200	40500	46800	33900	39500
25	42900	27100	33100	46200	30500	39400	46600	33600	40000	46700	34200	39200
26	44100	30300	37100	43700	30300	36800	47200	34100	38600	46700	32100	38100
27	42100	31300	36000	44500	30200	35800	47200	33300	39300	46400	31400	37400
28	41300	29100	34900	43000	30000	35400	46700	30600	37300	48200	34400	40000
29	---	---	---	39700	31200	35200	40100	29700	33800	46400	33700	39500
30	---	---	---	41100	28800	34300	45000	30100	35900	45700	33000	38500
31	---	---	---	43800	32200	36700	---	---	---	45300	32800	38200
MONTH	48700	24000	35600	50900	25000	37200	49300	27500	38600	48200	24000	36000
DAY	MAX											

COOPER RIVER BASIN
021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),
WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	43500	29800	37300	---	---	---	---	---	---	45900	35400	40100
2	44400	29800	35800	---	---	---	---	---	---	45400	34600	40400
3	45000	33400	39800	---	---	---	---	---	---	43800	33300	38400
4	46300	34800	40100	---	---	---	---	---	---	41600	34000	37500
5	43600	35300	39300	---	---	---	---	---	---	44700	34000	38000
6	43600	35500	39100	37100	31500	34200	---	---	---	43400	35300	38500
7	43300	35500	39700	37800	31800	34600	---	---	---	45800	35700	39900
8	42800	32800	37700	38400	32700	35300	---	---	---	46300	36200	41000
9	39500	30700	35300	38100	31900	35000	---	---	---	47500	37100	41800
10	43000	29200	35100	39500	32700	35900	---	---	---	45200	33400	39200
11	43900	29000	36300	40500	32900	36400	50300	38200	43800	45700	32100	37700
12	45200	29100	37300	40900	33200	36700	50400	37500	43400	45500	33300	37800
13	46200	29200	38000	41700	33700	37000	50200	36600	43000	44800	33500	38200
14	45200	31400	37500	42000	34200	37700	50100	36700	42600	43500	33900	37600
15	44400	29200	36000	42900	35100	38600	49700	36800	42700	43000	34100	38000
16	45700	30100	36300	44100	35900	39800	50000	37700	43300	43600	33000	37900
17	43700	29800	35700	43300	37600	40200	49100	36900	43000	40800	33200	36800
18	41300	30400	35200	40300	37600	38800	47000	36100	41100	41200	32500	36400
19	42700	29700	34700	42700	38000	39600	46400	32600	39900	41600	32500	37500
20	41900	30900	35800	43500	38100	40400	43400	33200	37600	40500	35000	37100
21	41900	31200	36300	45100	38700	41000	47300	30100	39000	44000	34800	38100
22	44500	32100	37700	47600	38000	41900	47400	30100	39100	46800	35800	40000
23	44100	32100	37800	49200	36700	41700	44800	32100	38300	45300	34800	39500
24	44600	30900	37300	47400	35900	39700	46500	31600	39500	47000	34800	40000
25	44900	30200	35800	42000	36000	38500	46500	34400	40000	45900	36300	40800
26	46300	30300	38000	38800	34600	36000	48000	36200	41000	46500	36600	40300
27	43900	30600	36900	40700	34900	38100	46400	36100	40300	48200	37300	41400
28	39600	32000	35500	---	---	---	45300	34300	39500	46100	36500	40800
29	37100	31100	34200	---	---	---	44800	34700	39600	46100	37100	41000
30	37000	32200	34400	---	---	---	43400	35300	39700	48600	37100	41700
31	36100	28800	32700	---	---	---	43300	35600	39400	44800	36600	40300
MONTH	46300	28800	36700	49200	31500	38100	50400	30100	40800	48600	32100	39200
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	43200	34500	38700	43300	31600	37000	42200	33100	37200	44600	30800	37200
2	43800	36100	39300	44200	32300	37800	46800	36100	41400	44000	29300	36100
3	46300	37000	40900	43600	34800	38700	46900	36000	40800	44800	30500	37300
4	47700	37000	41900	44600	34200	38600	48300	36600	41600	46400	28800	35400
5	48700	36900	41800	48500	36400	41800	47700	33500	40300	48000	29400	37500
6	46500	35500	41000	48500	36100	41600	48400	34100	40300	46600	29800	37600
7	46400	35800	40800	50400	35700	42700	49800	34800	41500	46100	26500	35800
8	46800	35100	40300	49600	35300	42200	47100	31900	39600	44900	29500	36100
9	46800	33000	39400	49100	34500	41200	47500	32000	39500	44000	29600	34900
10	46400	33800	39300	50600	37400	43800	46500	33600	40000	41700	29000	34100
11	46200	34300	39100	49600	36900	42600	46500	32300	39000	41500	31000	35200
12	44800	34000	38200	51000	38300	42800	45900	32100	37300	42100	32700	36400
13	44400	32200	38400	51000	37600	42600	42500	30900	35900	42700	32300	36700
14	46100	32200	38200	49600	35800	40700	44800	30800	37300	40200	31700	35700
15	42800	30200	36300	44100	31600	37600	46900	33900	40500	40100	31600	35400
16	42500	30700	36900	44900	33000	38900	45900	34600	39800	45000	31900	37900
17	42000	32400	36500	45400	32300	40100	42800	33900	38100	43300	32800	38100
18	42300	32200	36400	46100	34300	39900	44300	34600	39200	43600	32900	37800
19	42000	32700	36100	43200	34800	38600	44400	36300	39600	45700	34600	38700
20	42100	32900	36200	43600	32900	37600	47700	35800	41000	46100	34500	39800
21	41600	32200	35900	39500	31500	35300	48100	36900	42300	51200	35100	41100
22	39400	30600	34100	39000	31700	34800	48400	37900	42000	50500	36800	43000
23	42700	28400	34600	41000	29700	34700	48900	37400	41700	51200	37200	43300
24	45100	31500	37000	43800	31300	36600	49400	37900	42300	50600	36300	42900
25	45700	34100	38600	41500	31500	36300	48500	36100	42000	50000	35800	41500
26	45700	35500	39300	41100	29600	33400	48100	36300	41500	45900	32200	37000
27	43900	33700	37500	46800	33100	38200	46500	38700	41700	40900	32000	35800
28	42500	31800	36500	46400	33900	38900	45300	36400	40300	41900	34800	37800
29	---	---	---	45200	32600	37400	41500	32500	37200	43700	34200	38800
30	---	---	---	43100	32200	37000	46700	32500	38500	44200	35300	39500
31	---	---	---	45100	33100	38000	---	---	---	45700	34500	39400
MONTH	48700	28400	38200	51000	29600	38900	49800	30800	40000	51200	26500	37900

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43900	34200	39000	46900	31800	38200	47100	33300	38900	46500	33000	38400
2	48000	33500	39900	48900	31400	38500	46900	33200	39700	46200	33300	39100
3	48900	35000	41200	47000	31300	38100	45100	32700	38000	45400	34300	39000
4	48200	35900	41600	45200	29800	36100	43900	32900	37700	44800	33400	38900
5	52600	36400	43100	43900	27800	33700	45700	30800	37300	45200	36300	39800
6	50100	34900	43300	43600	27300	34100	45900	33200	37900	44700	34900	39400
7	49200	33800	40400	43400	29400	34800	45600	33900	38600	43300	33100	38300
8	46500	31700	38400	43700	30800	36000	45500	32800	38300	44500	35700	39100
9	45900	32600	37800	44900	31900	36600	46100	34800	39100	45100	35100	39300
10	46000	32500	37700	43700	32500	37400	43900	34000	39100	46000	35000	39400
11	45200	32000	37300	44200	31700	38100	43800	34000	38400	46100	36200	40200
12	43400	31900	37500	45100	33500	39700	42600	34000	38200	45600	35500	40100
13	43200	32500	37500	45700	34300	39900	42400	34100	37700	48600	33700	40700
14	43200	31500	37400	46000	35400	40100	44700	33600	37200	46500	34100	39800
15	46600	31500	39700	45100	34100	38700	45900	33200	38100	47900	34300	40700
16	47200	37300	42100	45500	33100	38000	47500	32300	38800	47100	35400	40900
17	46600	36600	41300	47100	31900	38500	48000	32600	39100	48600	35400	41900
18	45900	36800	40400	48000	32300	39500	50400	32700	40300	49500	35900	42400
19	48800	34000	40100	48400	34000	40400	49700	32700	41000	49500	35200	41500
20	48300	33100	40200	50700	33700	40900	49900	35000	41800	48500	34000	40300
21	47900	33000	40100	51000	34800	42100	47500	32200	39000	45300	34800	39600
22	45000	32600	38300	50800	34700	41800	44700	31500	37500	47600	32500	40600
23	44900	30400	37000	50800	34200	41200	44900	30700	37800	44500	35000	39900
24	44800	29200	35400	50200	33700	40400	44800	33700	37900	43000	34200	38200
25	40800	26400	30500	47700	32200	39300	44700	34200	38400	43700	34600	38300
26	42000	26000	32500	47300	33400	40000	43200	31600	37900	42600	32900	37800
27	46000	28800	36300	47000	34300	40100	42900	34500	38200	43200	33000	37200
28	46700	31100	39300	45100	32700	38200	43400	34500	38600	41100	31700	35700
29	46800	28500	38100	44800	30000	36500	44400	33800	38600	40600	30100	34300
30	47200	30500	38400	47900	30600	37700	4440					

COOPER RIVER BASIN
021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

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TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	24.5	25.0	22.5	22.5	22.5	14.0	13.5	14.0	13.0	12.5	12.5
2	25.0	24.5	24.5	22.5	22.0	22.5	14.5	14.0	14.0	13.0	12.5	13.0
3	25.0	24.5	24.5	22.5	20.5	21.5	14.5	14.0	14.0	13.5	13.0	13.0
4	24.5	23.5	24.5	21.0	20.0	20.5	14.5	14.0	14.0	13.5	13.0	13.5
5	24.0	22.5	23.5	21.0	19.5	20.0	14.0	14.0	14.0	14.0	13.5	13.5
6	23.0	21.5	22.0	20.5	19.5	20.5	14.0	14.0	14.0	14.0	13.5	14.0
7	22.0	20.0	21.0	21.0	20.0	20.5	14.5	14.0	14.0	14.0	13.5	14.0
8	21.5	20.0	21.0	21.5	20.5	20.5	14.5	14.0	14.0	13.5	13.0	13.5
9	21.5	20.5	21.0	20.5	19.5	20.0	14.0	13.5	13.5	13.0	12.5	13.0
10	21.5	21.0	21.0	19.5	18.5	19.0	13.5	13.0	13.0	13.0	12.5	12.5
11	21.5	21.0	21.0	19.0	18.0	18.5	13.0	13.0	13.0	12.5	11.5	12.0
12	21.0	20.5	21.0	18.0	17.0	17.5	13.5	13.0	13.5	12.0	11.0	11.5
13	21.0	20.5	20.5	17.0	16.0	17.0	13.5	13.5	13.5	11.5	11.0	11.5
14	21.5	20.5	21.0	16.5	15.5	16.5	13.5	13.5	13.5	11.0	10.5	11.0
15	21.5	20.5	21.0	16.0	14.5	15.5	13.5	13.0	13.0	11.0	10.5	10.5
16	22.0	21.0	21.5	14.5	13.0	14.0	13.0	13.0	13.0	11.5	10.5	11.0
17	22.5	21.5	22.0	14.0	13.0	13.5	13.0	12.5	13.0	11.0	10.5	10.5
18	23.0	22.0	22.5	14.5	13.5	14.0	13.0	13.0	13.0	10.5	9.5	10.0
19	22.5	21.5	22.0	14.5	13.5	14.0	13.0	12.0	12.5	10.0	9.0	9.5
20	22.0	21.0	21.5	14.5	14.0	14.5	12.0	11.0	11.5	9.0	9.0	9.0
21	21.5	21.0	21.0	15.0	14.5	14.5	11.5	10.5	11.0	9.5	9.0	9.0
22	21.5	21.0	21.0	15.0	14.5	14.5	11.0	10.0	10.5	10.0	9.5	9.5
23	22.0	21.0	21.5	14.5	14.0	14.5	11.0	10.0	10.5	10.5	9.5	10.0
24	21.5	21.0	21.5	14.5	14.0	14.5	11.5	10.5	11.0	10.5	10.0	10.5
25	21.5	21.0	21.5	15.0	14.5	14.5	11.0	11.0	11.0	11.0	10.5	10.5
26	21.5	21.0	21.5	15.0	15.0	15.0	11.0	10.5	11.0	11.0	10.5	10.5
27	21.5	21.0	21.5	15.0	14.5	14.5	11.5	11.0	11.0	10.5	10.5	10.5
28	22.0	21.5	22.0	14.5	13.5	14.0	11.5	11.0	11.5	11.0	10.5	10.5
29	22.5	21.5	22.0	14.0	13.5	13.5	12.0	11.5	11.5	11.0	10.5	11.0
30	22.5	22.0	22.5	14.0	13.5	13.5	12.5	11.5	12.0	10.5	10.5	10.5
31	23.0	22.0	22.5	---	---	---	13.0	12.0	12.5	10.5	10.0	10.0
MONTH	25.0	20.0	22.0	22.5	13.0	16.9	14.5	10.0	12.6	14.0	9.0	11.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	10.0	10.5	15.5	14.0	14.5	20.0	19.0	19.0	21.0	20.5	21.0
2	11.0	10.5	10.5	16.0	14.5	15.0	19.0	18.0	18.0	21.5	21.0	21.0
3	11.5	10.5	11.0	16.5	14.5	15.5	19.0	18.0	18.5	22.5	21.5	21.5
4	11.5	11.0	11.5	17.0	15.5	16.0	19.0	18.0	18.5	22.0	21.0	21.5
5	12.0	11.5	11.5	17.0	15.5	16.5	20.0	18.5	19.0	22.0	21.0	21.5
6	12.5	12.0	12.0	17.5	16.0	17.0	20.0	19.5	19.5	22.0	21.0	21.5
7	12.0	12.0	12.0	17.0	15.5	16.5	20.5	19.5	20.0	22.0	21.0	21.5
8	12.0	11.5	12.0	17.0	15.5	16.5	20.0	19.5	20.0	22.5	21.5	22.0
9	12.0	11.5	12.0	17.5	16.0	17.0	20.5	19.0	19.5	23.5	22.0	22.5
10	11.5	11.0	11.5	18.0	16.5	17.0	20.0	18.5	19.5	22.5	22.0	22.5
11	11.5	10.5	11.0	18.0	17.0	17.5	20.0	18.5	19.0	22.5	21.5	22.0
12	11.5	10.5	11.0	18.5	17.0	18.0	19.5	19.0	19.5	22.0	21.5	22.0
13	11.0	10.5	11.0	18.5	17.5	18.0	20.0	19.0	19.5	22.5	21.5	22.0
14	11.0	10.5	11.0	18.5	18.0	18.0	19.5	19.0	19.5	22.5	21.5	22.0
15	11.0	10.5	11.0	18.5	18.0	18.5	19.0	18.5	19.0	23.0	22.0	22.0
16	11.0	10.5	10.5	18.5	17.5	18.0	19.5	18.5	18.5	22.5	22.0	22.5
17	11.5	10.5	11.0	18.0	17.0	17.5	19.0	18.0	18.5	23.0	22.5	22.5
18	11.5	10.5	11.0	18.0	17.0	17.5	18.5	17.5	18.0	23.5	22.5	23.0
19	12.0	11.0	11.5	18.5	17.5	18.0	18.0	17.0	17.5	24.0	23.0	23.5
20	12.5	11.5	12.0	18.5	18.0	18.0	19.0	17.5	18.0	24.5	23.5	24.0
21	13.0	12.0	12.5	18.5	18.0	18.0	19.0	18.0	18.5	24.5	24.0	24.0
22	13.5	12.5	13.0	18.5	18.0	18.5	20.0	18.5	19.0	25.0	24.0	24.0
23	13.5	13.0	13.0	19.0	18.5	18.5	19.5	18.5	19.0	25.0	24.0	24.5
24	13.0	12.5	13.0	19.0	18.0	18.5	20.0	18.5	19.0	25.0	24.0	24.5
25	13.0	12.5	13.0	19.0	18.0	18.5	20.0	19.5	19.5	25.0	24.5	24.5
26	14.0	12.5	13.0	19.0	18.5	18.5	19.5	19.5	19.5	25.5	24.5	24.5
27	15.0	13.0	13.5	20.0	18.5	19.0	20.0	19.0	19.5	25.0	24.0	24.5
28	15.5	13.5	14.5	20.0	19.0	19.5	20.0	19.0	20.0	24.0	23.0	23.5
29	---	---	---	20.0	19.5	20.0	20.5	20.0	20.0	23.5	22.0	23.0
30	---	---	---	21.0	20.0	20.0	21.0	20.0	20.5	23.5	22.5	23.0
31	---	---	---	20.5	20.0	20.0	---	---	---	24.0	23.0	23.5
MONTH	15.5	10.0	11.8	21.0	14.0	17.7	21.0	17.0	19.1	25.5	20.5	22.8

COOPER RIVER BASIN
021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

341

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, 22.89 ft, Oct. 8; minimum gage height, 12.64 ft, Jan. 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.10	15.50	18.25	20.43	15.95	18.06	20.41	15.96	17.99	20.48	16.21	18.26
2	20.75	15.57	18.14	19.56	15.73	17.60	19.54	15.23	17.38	20.26	15.87	18.10
3	20.59	15.77	18.27	20.47	16.62	18.38	19.84	16.03	17.88	19.97	15.08	17.51
4	21.12	16.77	18.94	20.31	16.33	18.46	19.96	15.90	17.98	19.88	15.18	17.57
5	20.88	16.79	18.90	20.31	16.08	18.33	20.29	15.52	18.22	20.52	14.26	17.55
6	21.11	16.91	19.16	20.35	16.02	18.34	19.85	15.20	17.60	20.33	14.29	17.51
7	21.75	17.26	19.68	20.70	16.07	18.57	20.60	14.90	17.88	21.01	14.40	17.91
8	22.89	16.12	19.16	21.15	13.96	18.23	21.08	14.47	18.10	21.64	14.19	18.29
9	20.98	15.39	18.68	20.47	14.00	17.74	20.80	14.38	17.77	22.37	14.51	18.39
10	20.87	15.31	18.42	20.96	14.69	17.95	21.65	14.65	18.28	20.71	12.84	16.95
11	21.25	15.42	18.65	21.24	14.53	18.03	21.40	14.37	17.92	20.51	12.64	16.78
12	21.43	15.81	18.80	21.21	14.70	17.95	21.44	14.10	17.80	20.96	13.80	17.28
13	21.46	15.72	18.74	21.28	14.71	17.96	21.24	14.16	17.83	20.63	14.20	17.39
14	21.44	15.26	18.41	21.34	14.80	18.03	21.71	14.79	18.14	20.49	14.43	17.50
15	21.02	15.06	18.07	21.44	15.47	18.29	21.89	15.46	18.54	20.59	15.10	17.92
16	21.44	15.51	18.34	21.80	15.71	18.67	21.80	15.73	18.79	21.06	13.55	17.36
17	21.17	15.51	18.30	21.31	15.60	18.46	21.56	15.41	18.66	19.61	14.72	17.23
18	21.14	15.39	18.21	20.95	15.18	18.17	20.90	15.21	18.08	19.68	14.13	16.97
19	21.20	15.48	18.13	20.98	15.08	18.24	20.71	13.01	17.41	20.14	14.84	17.56
20	21.16	15.46	18.30	21.34	15.48	18.72	19.67	14.16	17.13	19.93	14.23	17.40
21	21.19	15.38	18.34	21.76	15.04	18.77	20.69	14.44	17.73	20.26	14.23	17.40
22	21.35	15.26	18.54	21.08	15.18	18.33	20.71	14.27	17.73	20.49	14.44	17.54
23	21.32	14.52	18.41	21.73	14.94	18.50	20.55	14.21	17.48	19.89	14.20	17.06
24	21.21	14.46	18.16	21.30	14.62	18.05	20.49	14.19	17.39	20.39	14.16	17.47
25	21.37	14.41	18.21	21.14	14.49	17.87	20.11	13.78	17.25	20.31	14.45	17.45
26	21.68	14.57	18.34	20.24	13.88	17.17	20.84	14.89	17.83	20.06	14.63	17.48
27	21.64	14.71	18.34	20.72	14.07	17.54	20.46	14.71	17.49	20.58	15.48	17.99
28	21.55	14.96	18.25	20.64	15.18	17.79	20.45	15.03	17.67	19.87	14.76	17.44
29	21.33	15.08	18.41	20.57	15.38	17.90	20.28	15.39	17.77	20.40	15.77	17.98
30	21.43	15.56	18.37	20.62	16.00	18.21	20.01	15.32	17.59	20.44	15.92	18.11
31	20.52	15.30	17.92	---	---	---	19.75	15.52	17.56	20.02	15.60	17.71
MONTH	22.89	14.41	18.48	21.80	13.88	18.14	21.89	13.01	17.83	22.37	12.64	17.58

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19.59	15.21	17.31	19.67	15.18	17.26	19.46	14.49	17.18	20.92	14.78	17.96
2	19.78	15.31	17.61	19.82	15.18	17.31	20.77	15.72	18.46	21.03	14.71	18.06
3	20.50	15.12	17.88	19.88	15.10	17.45	20.84	14.96	18.13	21.03	14.32	18.08
4	21.09	15.02	18.32	19.95	14.85	17.59	21.04	14.55	18.10	21.20	13.78	17.61
5	21.35	13.73	17.91	21.00	14.69	18.15	21.22	14.17	18.03	21.43	14.05	17.96
6	21.24	13.73	18.08	20.83	13.59	17.54	21.53	14.02	18.00	21.17	13.66	17.62
7	21.84	14.20	18.32	21.11	13.63	17.83	21.41	13.87	17.79	21.65	14.02	17.75
8	22.09	13.73	17.86	21.24	13.73	17.70	21.93	13.68	18.06	21.46	14.37	17.93
9	21.51	13.55	17.77	21.49	13.35	17.58	21.54	14.41	18.01	20.28	14.30	17.44
10	21.62	14.29	18.07	21.00	13.29	17.56	21.60	14.62	18.19	20.52	14.22	17.44
11	21.20	14.53	18.10	21.34	13.79	17.63	21.31	15.20	18.19	20.53	15.24	17.89
12	20.91	14.79	17.89	21.49	14.78	18.15	21.02	15.32	18.09	20.47	15.38	17.75
13	21.23	15.45	18.62	21.48	15.49	18.33	20.61	15.34	17.73	20.40	15.48	17.69
14	21.62	15.27	18.16	21.38	15.02	18.04	19.78	15.70	17.83	19.57	15.58	17.68
15	20.46	14.93	17.59	20.27	14.69	17.44	20.25	16.26	18.38	19.85	15.29	17.53
16	20.13	15.48	17.82	20.12	15.77	17.83	20.41	16.22	18.39	19.66	15.28	17.38
17	20.17	15.49	17.84	20.19	15.77	17.90	20.16	15.08	17.93	19.62	14.99	17.36
18	20.41	15.11	17.88	20.14	15.45	17.84	20.01	15.44	17.83	19.63	14.60	17.20
19	20.27	14.72	17.69	19.98	15.07	17.70	20.31	15.49	17.91	19.97	14.47	17.28
20	20.12	14.71	17.56	20.46	15.63	18.35	21.22	15.49	18.43	20.12	14.08	17.19
21	20.32	14.76	17.66	20.75	15.80	18.44	21.24	15.72	18.59	21.38	14.17	17.79
22	19.82	14.29	17.10	20.68	15.37	18.16	21.06	15.10	18.11	21.47	15.09	18.26
23	20.11	13.72	17.35	21.01	15.06	18.54	20.88	14.69	18.17	21.54	14.88	18.11
24	20.06	14.62	17.53	21.11	15.54	18.35	21.34	15.07	18.14	21.33	14.56	17.95
25	20.15	14.90	17.62	20.78	15.05	18.13	21.24	15.28	18.22	21.09	14.61	17.78
26	20.30	15.18	17.82	19.99	14.14	17.28	21.71	15.25	18.35	20.70	14.30	17.47
27	19.60	14.56	17.26	20.64	14.41	17.66	21.72	15.85	18.68	22.03	14.98	18.26
28	19.67	14.71	17.16	20.43	15.12	17.76	21.60	15.18	18.19	22.11	16.15	18.82
29	---	---	---	20.02	14.44	17.18	20.56	14.54	17.70	21.46	15.64	18.56
30	---	---	---	20.16	14.67	17.29	21.06	15.56	18.30	20.90	15.15	18.23
31	---	---	---	20.30	14.13	16.75	---	---				

EDISTO RIVER BASIN
02172300 McTIER CREEK NEAR MONETTA, SC

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LOCATION.--Lat 33°45'12", long 81°36'07", Aiken County, Hydrologic Unit 03050204, on downstream side of bridge on County Road 209, 1.1 mi upstream of Gully Creek, 4.6 mi upstream of mouth, and 6.7 mi south of Monetta.

DRAINAGE AREA.--15.3 mi².

PERIOD OF RECORD.--October 1995 to September 1997 (discontinued).

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

REMARKS.--Records good except for estimated daily discharges, Jan. 22 - 29, Feb. 21, Mar. 10 - 11, 20 - 21, 31, Apr. 1 - 3, May 20 - 31, June 1 - 4, 20, Aug. 25 to Sept. 24, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	17	43	18	27	65	24	26	13	11	25	7.0
2	34	19	36	17	24	41	23	23	21	11	16	7.0
3	27	18	22	16	23	36	23	44	43	9.8	13	6.7
4	22	18	19	16	23	34	22	41	28	9.2	12	6.5
5	20	18	19	27	22	33	22	26	12	8.8	10	6.3
6	19	18	19	26	21	34	23	22	21	8.8	9.8	6.4
7	28	19	19	22	20	30	26	20	19	8.8	9.3	6.5
8	63	38	19	26	38	29	21	18	16	9.7	9.2	6.7
9	37	34	17	126	32	28	21	18	14	11	9.0	6.5
10	25	22	16	60	27	28	20	15	13	22	11	10
11	22	20	16	37	26	27	20	14	11	12	12	35
12	21	19	16	31	23	26	26	14	20	10	10	18
13	20	18	18	28	36	27	23	15	23	9.4	9.3	8.0
14	19	18	16	25	65	60	19	13	22	9.0	9.0	7.2
15	18	18	16	23	74	43	18	13	20	8.2	8.4	7.2
16	18	17	16	53	41	33	17	12	15	9.4	7.8	6.9
17	19	17	17	36	35	29	17	12	14	27	7.3	7.0
18	19	18	19	26	32	28	16	11	16	15	8.2	7.1
19	19	24	33	24	31	28	17	11	15	11	21	7.4
20	18	20	22	23	29	28	22	12	13	9.7	13	7.1
21	18	19	19	22	32	27	18	15	12	9.2	13	6.8
22	17	19	18	22	52	26	21	12	11	9.0	9.6	7.1
23	16	17	18	23	37	24	49	9.0	11	13	8.2	7.8
24	17	16	18	22	32	24	34	5.0	11	35	7.6	10
25	17	16	19	44	30	25	23	9.7	10	24	6.8	74
26	17	17	18	35	30	32	21	11	9.9	15	6.5	43
27	17	16	20	24	30	27	25	35	9.6	13	6.4	24
28	18	15	19	24	39	28	55	26	14	11	7.0	32
29	18	15	18	23	---	35	49	16	15	9.7	6.2	21
30	18	16	17	42	---	27	32	15	12	9.7	7.7	15
31	17	---	18	33	---	26	---	13	---	41	6.6	---
TOTAL	713	576	620	974	931	988	747	546.7	484.5	420.4	315.9	421.2
MEAN	23.0	19.2	20.0	31.4	33.3	31.9	24.9	17.6	16.1	13.6	10.2	14.0
MAX	63	38	43	126	74	65	55	44	43	41	25	74
MIN	16	15	16	16	20	24	16	5.0	9.6	8.2	6.2	6.3
CFSM	1.50	1.25	1.31	2.05	2.17	2.08	1.63	1.15	1.06	.89	.67	.92
IN.	1.73	1.40	1.51	2.37	2.26	2.40	1.82	1.33	1.18	1.02	.77	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

	1996	1996	1996	1997	1997	1997	1997	1997	1997	1997	1997	1997
MEAN	24.6	25.0	24.6	30.7	30.6	38.4	27.0	19.1	16.1	15.0	17.7	17.6
MAX	26.1	30.7	29.2	31.4	33.3	44.9	29.0	20.5	16.1	16.5	25.2	21.2
(WY)	1996	1996	1996	1997	1997	1996	1996	1996	1997	1996	1996	1996
MIN	23.0	19.2	20.0	29.9	28.1	31.9	24.9	17.6	16.0	13.6	10.2	14.0
(WY)	1997	1997	1997	1996	1996	1997	1997	1997	1996	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1996 - 1997

ANNUAL TOTAL	8957.7	7737.7	
ANNUAL MEAN	24.5	21.2	23.8
HIGHEST ANNUAL MEAN			26.5
LOWEST ANNUAL MEAN			21.2
HIGHEST DAILY MEAN	248	Mar 7	248
LOWEST DAILY MEAN	9.3	Jul 3	5.0
ANNUAL SEVEN-DAY MINIMUM	9.7	Jun 28	6.5
INSTANTANEOUS PEAK FLOW			195
INSTANTANEOUS PEAK STAGE			6.22
ANNUAL RUNOFF (CFSM)	1.60		1.39
ANNUAL RUNOFF (INCHES)	21.78		18.81
10 PERCENT EXCEEDS	37		36
50 PERCENT EXCEEDS	22		22
90 PERCENT EXCEEDS	14		10

**EDISTO RIVER BASIN
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, Feb. 27, 28, July 24, 25, Aug. 30 to Sept. 4, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	22	36	26	27	26	25	28	24	24	23	20
2	35	22	34	27	26	18	25	28	23	21	22	20
3	33	21	30	27	26	20	25	34	22	20	21	20
4	30	21	28	30	26	23	25	28	23	19	20	20
5	27	22	28	40	26	18	24	24	22	19	18	19
6	25	23	31	33	25	18	25	23	29	19	19	19
7	27	24	33	28	25	21	24	23	25	20	19	18
8	40	31	30	28	28	23	24	23	24	20	18	18
9	32	35	28	48	27	23	24	27	23	24	19	19
10	28	34	27	42	26	22	23	28	22	26	24	19
11	26	32	27	41	26	24	21	26	22	24	21	21
12	25	28	27	35	25	24	23	26	22	21	19	20
13	25	26	27	29	30	25	22	26	26	19	19	20
14	25	24	26	28	45	34	21	24	30	18	19	20
15	24	23	26	27	51	30	21	23	27	18	19	20
16	24	24	26	37	37	27	21	21	24	20	20	20
17	25	24	26	32	34	30	21	20	24	21	20	20
18	25	25	27	29	33	30	19	19	27	20	19	20
19	25	27	34	28	32	29	19	19	25	19	20	20
20	25	26	28	27	29	27	20	19	23	20	20	19
21	25	29	27	27	28	25	19	19	22	20	21	19
22	25	28	27	26	40	26	21	19	25	20	20	19
23	25	27	27	26	31	25	25	18	24	19	20	19
24	25	26	27	28	28	25	24	21	22	28	19	20
25	25	26	27	34	27	25	24	22	21	25	18	37
26	25	28	27	28	27	25	23	20	20	21	18	31
27	25	28	27	27	27	25	25	24	22	20	19	26
28	25	28	27	26	27	26	39	24	31	20	19	57
29	25	29	26	26	---	27	39	21	30	20	19	41
30	24	30	26	32	---	25	33	22	28	20	20	36
31	22	---	26	29	---	25	---	21	---	25	20	---
TOTAL	831	793	873	951	839	771	724	720	732	650	612	697
MEAN	26.8	26.4	28.2	30.7	30.0	24.9	24.1	23.2	24.4	21.0	19.7	23.2
MAX	40	35	36	48	51	34	39	34	31	28	24	57
MIN	22	21	26	26	25	18	19	18	20	18	18	18
CFSM	.86	.85	.90	.98	.96	.80	.77	.74	.78	.67	.63	.74
IN.	.99	.95	1.04	1.13	1.00	.92	.86	.86	.87	.77	.73	.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1997, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	24.0	24.9	25.7	27.5	27.3	26.7	24.8	23.0	23.0	22.6	23.8	22.5
MAX	30.4	31.6	30.8	40.1	41.9	33.8	33.3	32.5	32.6	28.7	34.2	29.8
(WY)	1991	1996	1996	1993	1995	1993	1983	1984	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

EDISTO RIVER BASIN
02172640 DEAN SWAMP CREEK NEAR SALLEY, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1981 - 1997	
ANNUAL TOTAL	10179		9193			
ANNUAL MEAN	27.8		25.2		24.8	
HIGHEST ANNUAL MEAN					31.5	1995
LOWEST ANNUAL MEAN					17.2	1990
HIGHEST DAILY MEAN	54	Aug 3	57	Sep 28	114	Oct 23 1990
LOWEST DAILY MEAN	20	* May 15	18	** Mar 2	11	Jul 20 1990
ANNUAL SEVEN-DAY MINIMUM	21	May 12	19	Aug 23	12	Mar 11 1989
INSTANTANEOUS PEAK FLOW			100	Sep 28	229	Oct 23 1990
INSTANTANEOUS PEAK STAGE			4.29	Sep 28	6.21	Oct 23 1990
ANNUAL RUNOFF (CFSM)	.89		.81		.80	
ANNUAL RUNOFF (INCHES)	12.14		10.96		10.82	
10 PERCENT EXCEEDS	34		32		32	
50 PERCENT EXCEEDS	27		25		24	
90 PERCENT EXCEEDS	22		19		18	

* Also occurred on May 16, 17.

** Also occurred on Mar. 5, 6, May 23, July 14, 15, Aug. 5, 8, 25, 26, Sept. 7, 8.

EDISTO RIVER BASIN 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.--No estimated daily discharges. Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge, 17,100 ft³/s by conveyance-slope study).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	505	504	588	602	784	1200	665	869	489	841	624	323
2	556	508	641	600	745	1110	649	825	488	730	592	349
3	600	514	649	602	709	1060	640	820	484	618	569	369
4	611	515	656	598	700	1030	628	943	480	537	552	373
5	616	515	661	594	713	1010	602	984	483	491	561	329
6	634	515	663	604	694	1080	578	895	510	490	580	299
7	658	515	692	605	660	1100	569	773	550	439	535	285
8	735	536	727	609	644	1000	579	708	572	427	451	277
9	776	581	720	666	642	907	571	738	571	461	404	275
10	766	612	686	731	640	840	550	730	556	511	404	278
11	732	622	660	781	638	802	541	652	545	549	414	310
12	692	621	635	828	636	777	551	589	515	559	412	343
13	697	609	627	834	667	749	565	555	484	559	397	353
14	745	621	623	896	889	878	557	532	506	547	418	354
15	730	646	614	1010	1320	1060	547	509	533	515	423	349
16	673	647	603	1030	1670	1040	541	486	551	445	412	339
17	618	617	598	932	1740	989	536	470	589	425	393	322
18	578	590	596	854	1720	926	520	452	675	408	394	309
19	550	586	636	802	1670	952	495	431	710	392	371	308
20	530	584	658	764	1630	1040	485	410	711	389	360	300
21	521	577	665	749	1490	999	483	392	644	392	398	291
22	517	578	670	767	1470	905	482	378	595	383	407	286
23	513	579	664	755	1450	825	512	372	571	348	381	281
24	510	586	666	712	1400	772	543	363	525	484	359	290
25	509	597	670	695	1320	736	551	360	490	787	345	446
26	508	601	655	687	1230	715	552	384	437	1260	325	592
27	506	591	629	689	1230	698	572	419	443	1110	303	713
28	506	582	613	699	1220	679	671	457	738	780	286	872
29	507	578	606	693	---	670	843	471	873	648	280	987
30	506	571	608	751	---	673	892	480	895	647	280	1140
31	505	---	606	796	---	674	---	484	---	626	297	---
TOTAL	18610	17298	19985	22935	30321	27896	17470	17931	17213	17798	12927	12342
MEAN	600	577	645	740	1083	900	582	578	574	574	417	411
MAX	776	647	727	1030	1740	1200	892	984	895	1260	624	1140
MIN	505	504	588	594	636	670	482	360	437	348	280	275
CFSM	.83	.80	.90	1.03	1.50	1.25	.81	.80	.80	.80	.58	.57
IN.	.96	.89	1.03	1.18	1.57	1.44	.90	.93	.89	.92	.67	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1997, BY WATER YEAR (WY)

MEAN	618	674	830	977	1077	1150	1019	667	568	529	589	556
MAX	2436	1786	2190	1940	2688	2328	3017	1358	1331	1257	1507	2177
(WY)	1960	1948	1949	1993	1960	1948	1936	1964	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

EDISTO RIVER BASIN
02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1931 - 1997	
ANNUAL TOTAL	265944		232726		766	
ANNUAL MEAN	727		638		1468	
HIGHEST ANNUAL MEAN					453	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	2000	Mar 12	1740	Feb 17	12700	Apr 11 1936
LOWEST DAILY MEAN	317	Jul 4	275	Sep 9	133	Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	354	Jun 29	293	Sep 5	138	Jul 7 1990
INSTANTANEOUS PEAK FLOW			*** 1740	Feb 16	* 13500	Apr 11 1936
INSTANTANEOUS PEAK STAGE			*** 6.93	Feb 16	10.91	Apr 11 1936
INSTANTANEOUS LOW FLOW			270	Sep	133	** Jul 12 1990
ANNUAL RUNOFF (CFSM)	1.01		.89		1.06	
ANNUAL RUNOFF (INCHES)	13.74		12.02		14.45	
10 PERCENT EXCEEDS	1070		936		1340	
50 PERCENT EXCEEDS	654		598		643	
90 PERCENT EXCEEDS	505		372		343	

* From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.

** Also occurred on July 13, 1990.

*** Also occurred on Feb. 17, 18.

EDISTO RIVER BASIN
02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC

LOCATION.--Lat 33°21'32", long 81°03'35", Orangeburg County, Hydrologic Unit 03050204, on downstream side of trestle on old Seaboard Coastline Railroad, at South Carolina Electric and Gas Company Cope Power Plant, 4.6 mi north-northwest of Bamberg, and at mile 130.9.

DRAINAGE AREA.--757 mi².

PERIOD OF RECORD.--June 1991 to current year.

GAGE.--Data collection platform. Datum of gage is 139.23 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Sept. 6 - 8, 19 - 24, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	454	500	655	713	1040	1240	679	978	439	899	588	275
2	484	508	691	708	1010	1180	671	936	441	813	565	299
3	529	513	727	708	943	1090	653	934	437	690	530	319
4	568	518	738	708	897	1040	645	1040	433	558	508	333
5	587	520	756	703	882	1000	628	1090	431	489	501	311
6	599	519	761	702	894	1000	593	1060	464	479	515	280
7	628	519	773	710	867	1070	569	930	493	435	518	255
8	739	536	812	719	832	1050	561	791	515	406	460	235
9	769	577	834	769	812	966	569	738	525	445	385	222
10	795	619	823	838	797	876	553	761	517	506	361	229
11	780	654	794	901	798	825	540	729	507	508	370	256
12	743	667	763	970	792	795	544	645	495	512	360	299
13	707	665	736	1040	807	775	557	578	456	511	355	314
14	719	654	725	1050	956	854	560	533	447	503	355	318
15	754	673	716	1150	1310	1070	551	504	483	486	369	314
16	744	705	701	1350	1530	1100	542	474	492	443	379	308
17	690	704	690	1310	1680	1040	539	449	515	384	365	296
18	632	674	687	1180	1690	985	537	431	579	368	353	275
19	591	653	728	1090	1660	945	525	415	661	352	339	265
20	558	637	751	1020	1620	1030	503	396	682	342	333	255
21	534	626	770	958	1550	1060	485	373	665	342	343	240
22	523	616	779	948	1640	996	482	355	587	340	361	225
23	513	618	788	977	1560	899	506	345	540	320	350	230
24	510	627	782	946	1440	819	526	337	511	382	328	245
25	505	637	791	898	1360	778	538	336	462	511	316	345
26	504	657	791	866	1270	750	544	347	412	837	297	472
27	502	660	771	848	1210	732	586	379	412	1190	274	574
28	500	652	743	860	1200	716	690	406	1120	997	254	747
29	508	644	723	868	---	702	865	420	1120	713	239	875
30	508	640	713	949	---	689	972	431	960	608	233	975
31	505	---	713	1010	---	678	---	434	---	613	245	---
TOTAL	18682	18392	23225	28467	33047	28750	17713	18575	16801	16982	11749	10586
MEAN	603	613	749	918	1180	927	590	599	560	548	379	353
MAX	795	705	834	1350	1690	1240	972	1090	1120	1190	588	975
MIN	454	500	655	702	792	678	482	336	412	320	233	222
CFSM	.80	.81	.99	1.21	1.56	1.23	.78	.79	.74	.72	.50	.47
IN.	.92	.90	1.14	1.40	1.62	1.41	.87	.91	.83	.83	.58	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1997, BY WATER YEAR (WY)

	MEAN	720	802	897	1263	1210	1183	875	580	616	574	765	599
MAX	1058	1053	1206	2236	2037	1504	1355	695	813	802	1420	957	
(WY)	1995	1993	1995	1993	1995	1993	1993	1993	1995	1991	1991	1995	
MIN	507	594	630	840	844	927	590	457	445	436	379	353	
(WY)	1994	1992	1992	1992	1992	1997	1997	1994	1994	1993	1997	1997	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1991 - 1997

ANNUAL TOTAL	276651	242969	
ANNUAL MEAN	756	666	826
HIGHEST ANNUAL MEAN			1047
LOWEST ANNUAL MEAN			666
HIGHEST DAILY MEAN	2190	Mar 13	5060
LOWEST DAILY MEAN	297	Jul 4	222
ANNUAL SEVEN-DAY MINIMUM	327	Jun 29	248
INSTANTANEOUS PEAK FLOW			1730
INSTANTANEOUS PEAK STAGE			9.46
INSTANTANEOUS LOW FLOW			217
ANNUAL RUNOFF (CFSM)	1.00		1.09
ANNUAL RUNOFF (INCHES)	13.60		11.94
10 PERCENT EXCEEDS	1160	1040	1300
50 PERCENT EXCEEDS	705	632	742
90 PERCENT EXCEEDS	472	338	446

EDISTO RIVER BASIN
02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC

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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.--No estimated daily discharges. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	491	568	809	890	1280	1540	948	1460	534	1380	865	288
2	530	586	863	885	1260	1540	939	1390	538	1230	837	298
3	614	588	907	880	1190	1420	917	1370	530	1070	768	320
4	692	586	926	879	1130	1340	896	1570	523	902	700	341
5	743	594	942	887	1100	1290	879	1610	514	735	656	326
6	768	598	968	887	1100	1260	845	1570	607	714	662	284
7	806	598	973	896	1090	1310	797	1420	674	608	680	254
8	989	625	1000	905	1070	1350	758	1200	715	523	624	242
9	1020	661	1050	978	1050	1270	762	1070	735	546	473	234
10	1050	708	1050	1050	1020	1170	755	1070	730	721	400	236
11	1050	775	1020	1120	1010	1100	725	1070	703	737	399	252
12	1020	822	987	1180	1000	1060	745	984	696	711	389	284
13	975	835	947	1270	1020	1040	776	877	622	699	377	308
14	949	818	915	1300	1160	1130	778	775	575	684	363	314
15	990	816	897	1360	1560	1390	761	701	655	652	383	312
16	1010	855	883	1630	1900	1530	737	631	667	594	398	307
17	968	889	867	1690	2040	1430	723	569	706	475	444	297
18	882	868	865	1510	2050	1340	707	524	825	425	373	280
19	791	832	934	1370	2000	1290	677	490	932	390	373	266
20	723	796	951	1270	1930	1360	640	463	994	367	354	264
21	668	776	972	1190	1890	1440	601	433	997	361	360	251
22	634	757	984	1150	2050	1400	592	397	921	363	375	243
23	619	746	995	1170	2020	1280	660	378	808	344	369	240
24	605	752	993	1170	1850	1170	705	365	752	422	338	257
25	592	767	991	1140	1720	1090	746	362	677	623	319	338
26	586	793	994	1100	1620	1060	760	376	553	947	302	586
27	585	805	985	1080	1510	1030	836	440	518	1480	278	760
28	583	801	952	1070	1490	1010	1010	480	1550	1510	257	967
29	580	786	915	1080	---	1000	1300	504	2080	1130	241	1150
30	579	781	896	1170	---	971	1490	518	1640	905	237	1260
31	571	---	890	1240	---	953	---	527	---	874	264	---
TOTAL	23663	22182	29321	35397	41110	38564	24465	25594	23971	23122	13858	11759
MEAN	763	739	946	1142	1468	1244	816	826	799	746	447	392
MAX	1050	889	1050	1690	2050	1540	1490	1610	2080	1510	865	1260
MIN	491	568	809	879	1000	953	592	362	514	344	237	234
CFSM	.95	.92	1.17	1.41	1.82	1.54	1.01	1.02	.99	.92	.55	.49
IN.	1.09	1.02	1.35	1.63	1.90	1.78	1.13	1.18	1.10	1.07	.64	.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1997, BY WATER YEAR (WY)

MEAN	997	1095	1252	1822	1683	1648	1193	884	898	777	1096	818
MAX	1480	1507	1611	3187	3038	2001	1711	1592	1190	1178	2270	1294
(WY)	1995	1993	1995	1993	1995	1995	1993	1991	1995	1991	1991	1995
MIN	591	739	946	1142	1245	1244	816	613	688	528	447	392
(WY)	1994	1997	1997	1997	1992	1997	1997	1995	1994	1996	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1991 - 1997

ANNUAL TOTAL	356973	313006	
ANNUAL MEAN	975	858	1140
HIGHEST ANNUAL MEAN			1511
LOWEST ANNUAL MEAN			858
HIGHEST DAILY MEAN	2810	Mar 13	6540
LOWEST DAILY MEAN	266	Jul 4	234
ANNUAL SEVEN-DAY MINIMUM	308	Jun 30	255
INSTANTANEOUS PEAK FLOW			2210
INSTANTANEOUS PEAK STAGE			11.06
INSTANTANEOUS LOW FLOW			230
ANNUAL RUNOFF (CFSM)	1.21	1.06	1.41
ANNUAL RUNOFF (INCHES)	16.46	14.43	19.20
10 PERCENT EXCEEDS	1550	1390	1840
50 PERCENT EXCEEDS	899	822	1030
90 PERCENT EXCEEDS	529	361	540

EDISTO RIVER BASIN 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	469	495	609	622	876	938	676	1010	432	620	933	384
2	487	517	668	618	848	899	650	909	425	552	821	374
3	538	528	694	613	817	865	633	909	410	508	723	371
4	595	519	706	609	793	877	605	1020	406	474	684	368
5	604	514	723	613	786	868	580	1060	405	449	661	350
6	596	509	722	622	774	850	562	981	459	452	687	335
7	608	507	723	618	731	858	562	870	524	401	661	327
8	912	534	753	628	709	828	566	765	548	389	569	319
9	858	576	762	741	697	778	564	724	547	517	490	318
10	835	606	730	828	681	736	549	716	526	603	460	320
11	818	632	704	880	682	713	532	633	509	568	449	338
12	801	653	680	914	684	694	577	543	490	471	441	365
13	758	635	665	929	714	677	615	507	455	437	434	361
14	745	624	650	909	885	845	594	486	450	420	430	358
15	752	631	632	996	1210	956	576	471	486	415	429	428
16	714	626	615	1090	1380	1010	566	454	514	409	436	427
17	641	597	607	1020	1430	997	559	441	530	400	422	416
18	586	570	615	951	1350	916	541	430	560	409	395	423
19	548	571	692	880	1240	858	516	419	548	424	401	407
20	524	573	715	835	1220	869	507	407	533	430	449	382
21	511	577	719	799	1160	870	501	395	509	436	409	364
22	506	584	726	790	1230	828	497	389	477	458	393	351
23	503	584	716	800	1210	770	554	379	450	497	392	341
24	500	586	708	794	1160	722	588	371	432	623	385	457
25	497	587	706	798	1070	690	594	380	408	971	370	710
26	494	589	689	785	986	673	603	391	390	1290	356	909
27	493	588	663	763	930	659	646	404	455	1110	344	1070
28	491	585	645	765	926	653	814	410	918	901	336	1110
29	493	579	635	760	---	670	1050	422	866	875	330	1100
30	494	577	630	831	---	689	1110	431	763	882	351	1020
31	494	---	627	877	---	689	---	429	---	944	417	---
TOTAL	18865	17253	21129	24678	27179	24945	18487	18156	15425	18335	15058	14803
MEAN	609	575	682	796	971	805	616	586	514	591	486	493
MAX	912	653	762	1090	1430	1010	1110	1060	918	1290	933	1110
MIN	469	495	607	609	681	653	497	371	390	389	330	318
CFSM	.89	.84	1.00	1.17	1.42	1.18	.90	.86	.75	.87	.71	.72
IN.	1.03	.94	1.15	1.34	1.48	1.36	1.01	.99	.84	1.00	.82	.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1997, BY WATER YEAR (WY)

	MEAN	646	664	799	947	1024	1099	950	699	644	622	666	630
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	

EDISTO RIVER BASIN
02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1939 - 1997	
ANNUAL TOTAL	257085		234313			
ANNUAL MEAN	702		642		783	
HIGHEST ANNUAL MEAN					1389	
LOWEST ANNUAL MEAN					437	
HIGHEST DAILY MEAN	1840	Mar 12	1430	Feb 17	8850	Sep 18 1945
LOWEST DAILY MEAN	350	Jul 4	318	Sep 9	190	Sep 13 1954
ANNUAL SEVEN-DAY MINIMUM	374	Jun 30	330	Sep 5	194	Sep 8 1954
INSTANTANEOUS PEAK FLOW			1440	Feb 17	* 9500	Sep 18 1945
INSTANTANEOUS PEAK STAGE			7.43	Feb 17	14.28	Sep 18 1945
INSTANTANEOUS LOW FLOW			316	** Sep 8	190	Sep 13 1954
ANNUAL RUNOFF (CFSM)	1.03		.94		1.15	
ANNUAL RUNOFF (INCHES)	14.00		12.76		15.57	
10 PERCENT EXCEEDS	1020		929		1280	
50 PERCENT EXCEEDS	649		606		677	
90 PERCENT EXCEEDS	472		398		384	

* From rating curve extended above 5,300 ft³/s by velocity-area studies.

** Also occurred on Sept. 10.

EDISTO RIVER BASIN 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.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to September 1981, October 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 125 ft above sea level (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records good except for estimated daily discharges, Apr. 17 - 22, July 5, 6, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.79	.74	2.6	3.0	10	22	10	17	1.7	18	5.9	1.2
2	.68	.97	4.7	2.8	8.6	20	8.1	13	2.0	15	3.7	.84
3	.57	.99	4.1	2.8	7.7	18	6.7	16	2.6	12	3.1	.77
4	.37	1.2	2.8	2.6	7.2	16	6.2	31	1.8	9.2	2.9	.70
5	.30	1.3	2.3	2.6	6.8	15	5.8	19	1.5	9.0	2.7	.58
6	.29	1.3	4.5	2.6	6.2	14	5.6	14	11	8.2	2.3	.45
7	.39	1.3	4.0	2.6	5.9	13	5.5	11	14	7.3	2.0	.42
8	15	3.7	3.2	4.0	6.6	12	4.6	9.4	7.1	8.9	1.7	.39
9	8.9	9.3	2.8	7.6	7.2	12	4.4	8.4	5.4	11	1.5	.36
10	4.3	4.1	2.6	9.5	6.2	11	4.2	7.3	4.5	8.6	1.7	.40
11	2.7	2.9	2.5	6.3	6.1	11	4.1	6.7	4.3	7.0	1.7	.94
12	2.0	2.5	2.3	5.0	5.8	9.6	8.0	6.5	3.8	5.9	1.4	2.1
13	1.6	2.0	2.3	4.6	6.7	9.2	8.7	6.4	3.5	5.1	1.4	1.4
14	1.4	1.7	1.9	4.3	27	31	5.8	5.4	3.9	4.7	1.2	1.0
15	1.3	1.8	2.0	4.2	90	31	5.0	4.8	4.3	4.2	1.1	.73
16	1.2	1.7	2.1	11	52	20	4.7	4.5	3.7	4.1	1.3	.70
17	1.1	1.4	2.0	11	36	17	4.5	4.3	4.4	8.7	3.8	.77
18	.89	1.6	2.2	6.7	28	15	4.3	3.7	10	5.6	2.2	.55
19	.72	2.5	7.0	5.7	24	15	4.1	3.2	7.9	5.5	1.3	.49
20	.64	2.0	8.3	5.3	21	17	3.9	2.9	5.6	4.4	1.1	.47
21	.62	1.6	5.5	4.9	19	15	3.7	2.7	4.6	3.7	1.1	.42
22	.60	1.7	4.7	4.5	68	14	3.7	2.4	3.6	3.3	.99	.45
23	.66	1.7	4.3	4.3	52	12	5.7	2.1	3.2	3.1	.91	.47
24	.54	1.8	3.8	4.5	36	10	5.6	2.1	2.8	3.8	.84	4.5
25	.44	2.0	3.7	5.3	30	9.6	4.2	2.3	2.4	4.2	.79	25
26	.45	2.2	3.5	5.3	26	10	3.7	2.5	2.3	3.4	.61	18
27	.45	1.8	3.4	4.7	24	9.9	8.8	2.1	4.3	2.8	.61	15
28	.60	2.0	3.4	4.6	21	8.9	36	2.2	79	2.5	.52	17
29	.66	2.3	3.2	4.4	---	9.0	38	2.0	47	2.3	.45	13
30	.49	2.2	3.1	16	---	8.1	23	1.8	24	2.7	.74	9.8
31	.87	---	3.1	14	---	7.3	---	1.6	---	3.9	.81	---
TOTAL	51.52	64.30	107.9	176.7	645.0	442.6	246.6	218.3	276.2	198.1	52.37	118.90
MEAN	1.66	2.14	3.48	5.70	23.0	14.3	8.22	7.04	9.21	6.39	1.69	3.96
MAX	15	9.3	8.3	16	90	31	38	31	79	18	5.9	25
MIN	.29	.74	1.9	2.6	5.8	7.3	3.7	1.6	1.5	2.3	.45	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1997, BY WATER YEAR (WY)

	5.64	7.95	17.4	34.1	48.0	43.7	22.1	14.8	16.3	15.7	10.4	9.53
MEAN	5.64	7.95	17.4	34.1	48.0	43.7	22.1	14.8	16.3	15.7	10.4	9.53
MAX	25.0	31.3	44.5	72.3	145	113	63.6	39.2	67.6	40.3	53.0	67.3
(WY)	1996	1996	1996	1978	1973	1980	1973	1975	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

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1971 - 1997

ANNUAL TOTAL	3405.50	2598.49	20.3
ANNUAL MEAN	9.30	7.12	36.9
HIGHEST ANNUAL MEAN			1973
LOWEST ANNUAL MEAN			1981
HIGHEST DAILY MEAN	89	90	625
LOWEST DAILY MEAN	.21	.29	.21
ANNUAL SEVEN-DAY MINIMUM	.25	.47	.25
INSTANTANEOUS PEAK FLOW		116	2340
INSTANTANEOUS PEAK STAGE		4.02	7.37
10 PERCENT EXCEEDS	26	16	48
50 PERCENT EXCEEDS	3.4	4.1	8.2
90 PERCENT EXCEEDS	.48	.73	1.8

EDISTO RIVER BASIN
02174250 COW CASTLE CREEK NEAR BOWMAN, SC

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1996 to current.

PERIOD OF DAILY RECORD.--April 1996 to September 1997 (discontinued).

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

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 333 microsiemens, Feb. 24, 1997; minimum, 23 microsiemens, June 27, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 333 microsiemens, Feb. 24; minimum, 23 microsiemens, June 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	118	117	117	123	121	122	126	124	125	132	130	131
2	119	117	118	124	119	121	124	110	120	132	130	131
3	121	119	120	119	117	118	112	108	110	132	130	131
4	121	120	120	120	117	118	117	112	114	133	131	131
5	122	120	121	119	116	118	121	117	120	135	132	133
6	122	120	121	119	116	117	121	111	119	133	131	132
7	122	117	121	119	117	118	111	108	109	133	130	132
8	117	61	83	118	105	113	115	109	112	141	124	130
9	80	61	72	106	91	95	119	115	116	147	130	137
10	95	80	88	109	96	103	122	118	120	149	131	140
11	106	95	102	117	109	114	132	122	127	137	130	133
12	112	106	109	120	115	118	133	130	132	131	129	130
13	115	110	113	124	120	122	135	132	133	132	129	131
14	118	114	116	127	123	125	133	132	132	133	131	132
15	120	116	118	126	124	126	134	132	133	136	133	134
16	119	117	118	127	126	127	133	131	132	143	89	131
17	121	118	120	130	127	129	135	132	133	141	98	125
18	123	120	121	129	127	128	135	122	131	130	123	126
19	125	122	123	130	125	128	122	117	119	129	128	129
20	125	122	124	127	125	126	118	105	108	133	129	131
21	125	123	124	128	126	127	119	109	115	133	130	131
22	126	123	124	128	126	127	125	119	122	133	130	132
23	125	123	124	128	126	127	126	124	125	138	131	133
24	126	123	124	128	126	127	127	125	126	134	129	132
25	127	124	126	128	125	126	129	126	128	139	128	132
26	126	124	125	130	125	127	131	127	129	132	128	130
27	126	125	126	127	124	125	132	129	130	131	129	130
28	127	125	126	126	124	125	132	129	131	133	130	131
29	126	123	125	126	124	125	132	130	131	133	129	131
30	125	123	124	126	124	125	132	130	131	129	103	113
31	126	121	125	---	---	---	132	130	131	139	114	128
MONTH	127	61	117	130	91	122	135	105	124	149	89	131

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	141	132	137	90	82	86	116	90	106	---	---	---
2	142	131	133	92	80	87	---	---	---	---	---	---
3	134	131	132	92	80	89	113	98	107	121	100	116
4	133	130	131	94	90	92	---	---	---	104	95	99
5	140	129	131	94	89	91	136	118	128	113	95	103
6	145	126	133	---	---	---	134	126	129	106	97	103
7	128	126	127	---	---	---	---	---	---	116	105	113
8	127	118	123	---	---	---	---	---	---	121	110	118
9	121	118	119	---	---	---	---	---	---	132	119	124
10	121	118	119	---	---	---	---	---	---	133	126	128
11	122	120	121	---	---	---	161	144	149	129	126	128
12	122	120	121	---	---	---	---	---	---	130	127	129
13	120	100	114	---	---	---	116	97	103	139	127	135
14	114	90	106	---	---	---	122	103	113	141	132	135
15	168	73	106	115	84	94	137	119	126	136	131	134
16	185	145	170	111	95	99	142	122	131	133	123	130
17	204	121	149	102	98	100	---	---	---	132	122	127
18	121	104	111	105	100	102	---	---	---	132	122	129
19	106	102	104	109	93	105	---	---	---	138	128	134
20	103	96	100	---	---	---	---	---	---	164	138	153
21	105	97	100	---	---	---	---	---	---	178	164	171
22	245	93	134	---	---	---	---	---	---	173	152	157
23	329	245	307	---	---	---	---	---	---	155	152	153
24	333	82	173	---	---	---	---	---	---	157	153	155
25	87	80	83	---	---	---	---	---	---	166	157	163
26	104	82	88	---	---	---	---	---	---	179	166	172
27	117	80	95	---	---	---	---	---	---	182	162	171
28	85	79	83	---	---	---	105	79	95	163	157	161
29	---	---	---	---	---	---	116	105	111	157	154	156
30	---	---	---	---	---	---	133	104	117	157	154	156
31	---	---	---	---	---	---	---	---	---	157	154	156
MONTH	333	73	127	115	80	95	161	79	118	182	95	138
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	158	156	157	123	115	120	126	108	113	---	---	---
2	159	154	157	127	118	122	121	109	118	---	---	---
3	154	141	149	133	125	128	124	120	122	---	---	---
4	147	144	145	138	132	135	126	123	125	---	---	---
5	145	140	143	---	---	---	128	125	126	---	---	---
6	145	73	104	---	---	---	128	126	127	---	---	---
7	108	91	99	134	130	133	130	127	129	---	---	---
8	121	106	114	136	117	131	133	127	131	---	---	---
9	121	114	118	125	119	123	133	130	131	---	---	---
10	133											

EDISTO RIVER BASIN
02175000 EDISTO RIVER NEAR GIVHANS, SC

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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.

WATER-DISCHARGE RECORDS

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, Oct. 2, 3, 8, 22, 23, Dec. 24 - 26, July 18 - 22, which are poor. About 132 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	806	831	1060	1410	2600	4680	1890	2020	713	4830	1940	571
2	816	831	1090	1390	2880	4320	1800	2220	723	4500	2160	582
3	812	834	1100	1370	2890	3990	1710	2390	723	4070	2220	606
4	797	838	1110	1350	2750	3700	1630	2640	721	3960	2050	604
5	793	849	1140	1330	2630	3510	1560	2940	719	3760	1870	589
6	815	855	1180	1310	2540	3400	1500	3160	763	3560	1760	585
7	859	858	1230	1300	2460	3250	1440	3210	873	3330	1620	582
8	1040	878	1270	1290	2350	3030	1360	3230	1040	2960	1450	569
9	1370	915	1310	1400	2230	2800	1280	3230	1170	2560	1270	531
10	1510	946	1330	1660	2150	2620	1210	3160	1180	2180	1200	510
11	1550	955	1350	1790	2110	2490	1160	3050	1160	1820	1160	506
12	1570	966	1370	1810	2080	2410	1180	2870	1230	1620	1020	511
13	1610	985	1400	1800	2040	2350	1300	2570	1430	1550	918	525
14	1650	1020	1430	1790	2070	2420	1330	2280	1490	1540	866	548
15	1660	1060	1440	1790	2470	2600	1310	2040	1440	1470	830	568
16	1630	1080	1420	1860	3110	2720	1290	1840	1320	1350	795	573
17	1580	1100	1380	1920	3850	2700	1270	1570	1270	1250	775	569
18	1500	1100	1330	1990	4220	2640	1210	1300	1520	1210	772	573
19	1450	1110	1310	2050	4260	2630	1160	1110	1740	1170	787	582
20	1430	1120	1330	2130	4310	2720	1100	985	1820	1130	778	576
21	1380	1130	1340	2240	4560	2870	1060	898	1810	1100	742	568
22	1290	1130	1340	2350	4760	3000	1020	830	1730	1080	716	554
23	1090	1080	1350	2390	4960	3040	984	782	1630	1050	702	534
24	1000	1050	1360	2340	5110	2990	958	745	1540	1020	688	522
25	944	1040	1380	2220	5190	2870	952	725	1460	996	670	552
26	911	1030	1390	2090	5230	2750	957	708	1330	1000	653	612
27	889	1020	1400	1990	5130	2620	990	688	1180	1020	634	802
28	873	1020	1400	1950	4960	2460	1190	675	1380	1070	617	1070
29	860	1020	1410	1930	---	2270	1530	668	2860	1170	591	1420
30	852	1040	1410	1970	---	2090	1810	684	4310	1330	572	1540
31	839	---	1410	2250	---	1970	---	699	---	1620	574	---
TOTAL	36176	29691	40770	56460	95900	89910	39141	55917	42275	62276	33400	19434
MEAN	1167	990	1315	1821	3425	2900	1305	1804	1409	2009	1077	648
MAX	1660	1130	1440	2390	5230	4680	1890	3230	4310	4830	2220	1540
MIN	793	831	1060	1290	2040	1970	952	668	713	996	572	506
CFSM	.43	.36	.48	.67	1.25	1.06	.48	.66	.52	.74	.39	.24
IN.	.49	.40	.56	.77	1.31	1.23	.53	.76	.58	.85	.46	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1997, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	1874	1623	2433	3288	4159	4729	3702	2162	1800	1724	1966	1939
MAX	13060	7657	10790	11100	10910	9963	8972	5857	9000	7902	8300	9478
(WY)	1965	1960	1949	1993	1973	1948	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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1939 - 1997	
ANNUAL TOTAL	702940		601350			
ANNUAL MEAN	1921		1648		2614	
HIGHEST ANNUAL MEAN					5225	1960
LOWEST ANNUAL MEAN					1191	1955
HIGHEST DAILY MEAN	6140	Mar 21	5230	Feb 26	24100	Jun 14 1973
LOWEST DAILY MEAN	615	Jul 5	506	Sep 11	252	Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	642	Jul 3	528	Sep 9	257	Jul 11 1990
INSTANTANEOUS PEAK FLOW			5250	Feb 26	24500	Jun 14 1973
INSTANTANEOUS PEAK STAGE			9.99	Feb 26	15.84	Jun 14 1973
INSTANTANEOUS LOW FLOW			502	* Sep 11	250	Jul 13 1990
ANNUAL RUNOFF (CFSM)	.70		.60		.96	
ANNUAL RUNOFF (INCHES)	9.58		8.19		13.01	
10 PERCENT EXCEEDS	3980		3010		5410	
50 PERCENT EXCEEDS	1370		1350		1820	
90 PERCENT EXCEEDS	837		686		735	

*Also occurred on Sept. 12.

EDISTO RIVER BASIN
02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

357

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1996 to current.

PERIOD OF DAILY RECORD.--April 1996 to September 1997 (discontinued).

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

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 163 microsiemens, Jan. 29, 1997; minimum, 48 microsiemens, Sept. 20, 21, 1996, June 29, 30, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 163 microsiemens, Jan. 29; minimum, 48 microsiemens, June 29, 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C),

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	64	59	62	60	58	59	60	58	59
2	---	---	---	60	58	59	61	57	59	59	58	58
3	---	---	---	59	55	57	65	61	63	60	57	58
4	---	---	---	56	52	54	65	58	62	61	58	59
5	56	55	55	56	53	54	60	58	59	60	58	59
6	59	55	57	58	54	56	62	58	60	63	58	61
7	57	52	54	58	57	57	63	61	63	64	60	62
8	---	---	---	61	57	59	65	62	63	63	60	61
9	---	---	---	64	59	62	64	61	63	70	62	65
10	70	68	69	64	60	62	62	60	61	71	69	70
11	81	70	75	63	61	62	60	55	58	73	69	71
12	85	81	83	68	62	65	55	53	54	76	71	74
13	82	79	80	69	66	67	54	51	53	76	74	75
14	79	73	76	66	63	64	53	51	51	75	72	74
15	73	68	71	64	60	62	54	49	51	72	68	70
16	---	---	---	61	58	60	56	53	55	109	68	90
17	65	62	63	61	59	60	56	54	55	101	85	94
18	69	62	65	64	60	62	55	54	54	85	72	78
19	68	66	67	64	58	61	61	55	57	72	66	69
20	68	67	67	59	57	58	67	61	65	69	64	66
21	---	---	---	62	57	60	65	63	64	66	64	65
22	---	---	---	65	62	64	67	65	66	65	63	64
23	---	---	---	66	61	64	67	64	66	69	63	66
24	64	58	61	67	62	64	---	---	---	77	68	72
25	58	57	58	66	61	63	---	---	---	77	69	72
26	58	56	57	62	60	61	---	---	---	69	64	66
27	58	56	57	62	59	60	59	58	59	69	66	67
28	58	55	56	60	55	58	59	58	58	160	68	97
29	58	54	56	57	56	56	59	56	58	163	74	103
30	64	57	60	59	56	58	57	55	56	74	64	68
31	65	63	64	---	---	---	60	57	58	73	70	72
MONTH	85	52	64	69	52	60	67	49	59	163	57	70

WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	74	72	73	75	74	74	77	72	74	80	76	78
2	75	73	74	76	74	75	76	73	75	81	79	80
3	77	74	76	78	76	77	75	72	74	80	77	78
4	77	75	76	79	77	78	73	71	72	77	74	76
5	77	73	75	80	78	79	72	71	71	74	73	73
6	75	72	73	80	78	79	74	72	73	74	73	74
7	74	72	73	79	78	79	78	74	75	75	74	75
8	73	72	73	79	76	78	76	73	74	76	73	74
9	74	73	74	77	75	76	74	70	72	73	71	72
10	75	74	74	77	73	75	71	68	70	72	70	71
11	78	74	76	73	71	72	71	68	69	71	70	71
12	80	76	79	73	70	71	70	67	68	73	71	71
13	79	78	78	75	72	74	77	69	73	73	70	72
14	83	77	80	79	75	77	77	72	74	70	68	69
15	82	79	80	81	79	80	80	76	78	71	68	69
16	81	75	77	80	78	79	81	78	80	74	70	72
17	77	75	76	81	79	80	78	76	77	75	73	74
18	78	76	77	82	80	81	77	75	76	77	74	76
19	78	76	78	81	77	79	76	73	74	75	71	73
20	77	74	76	78	73	75	74	71	72	73	71	72
21	75	72	73	74	72	73	72	67	70	72	67	69
22	72	69	70	74	72	73	72	69	70	69	67	68
23	72	70	70	74	73	74	71	67	69	71	68	69
24	71	70	70	75	72	74	68	66	67	70	65	68
25	73	70	71	74	72	72	69	63	66	66	63	64
26	73	72	73	73	71	72	65	61	63	63	60	62
27	74	73	74	73	71	72	65	62	63	63	61	62
28	75	73	74	74	72	73	70	62	66	62	60	61
29	---	---	---	76	73	74	74	70	72	64	61	63
30	---	---	---	76	73	75	76	72	74	65	60	63
31	---	---	---	77	74	76	---	---	---	62	59	61
MONTH	83	69	75	82	70	76	81	61	72	81	59	70
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	60	58	59	60	53	57	56	54	55	94	64	78
2	61	58	59	64	60	62	55	53	54	91	77	82
3	63	58	60	66	63	65	57	53	54	87	60	69
4	60	55	57	68	66	67	59	54	57	68	64	66
5	57	51	54	72	68	70	59	56	58	65	62	63
6	56	49	53	76	71	74	62	59	60	64	62	63
7	90	56	69	79	75	77	62	59	61	66	61	64
8	79	69	74	84	78	81	61	59	61	68	66	67
9	86	78	82	90	83	86	61	58	60	69	66	68
10	93	83	87	93	86	89	59	53	56	67	64	66
11	91	84	86	95	91	93	57	53	55	65	62	63
12	94	79	84	95	90	94	64	57	60	63	61	62
13	83	77	78	90	83	87	68	64	66	61	59	60
14	90	78	83	86	82	83	71	68	70	69	60	64
15	89	79	82	90	82	85	77	71	73	74	62	67
16	105	87	95	97	79	86	77	71	74	88	73	80
17	114	88	95	89	79	80	72	66	68	79	70	76
18	105	84	93	82	77	79	77	67	70	70	65	68
19	85	79	83	---	---	---	78	75	77	65	62	64
20	82	79	80	---	---	---	76	69	71	66	62	64
21	85	80	82	---	---	---	69	65	68	66	64	66
22	89	81	83	---	---	---	65	61	63	67	64	66
23	---	---	---	86	79	83	64	60	62	65	63	64
24	---	---	---	84	79	82	69	61	64	68	62	64
25	---	---	---	84	79	82	70	68	69	67	64	65
26	---	---	---	79	74	77	69	66	68	74	66	71
27	---	---	---	75	70	72	66	60	64	74	68	72
28	75	59	69	71	67	69	61	54	58	87	72	81
29	67	48	58	68	64	66	56	52	54	94	87	90
30	53	48	51	66	59	63	56	54	56	98	93	95
31	---	---	---	59	55	57	79	53	60	---	---	---
MONTH	114	48	74	97	53	77	79	52	63	98	59	70
YEAR	163	48	69									

COMBAHEE RIVER BASIN
02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

359

LOCATION.--Lat 32°59'20", long 81°03'10", Hampton County, Hydrologic Unit 03050207, on right bank, 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	124	214	210	810	455	268	574	141	261	309	108
2	122	133	264	217	625	396	240	577	120	341	285	146
3	141	146	269	216	532	367	212	488	109	351	242	142
4	156	150	267	212	448	359	193	387	104	271	178	179
5	163	164	290	215	380	362	181	312	106	177	136	147
6	162	184	310	233	331	354	174	258	117	241	143	130
7	156	189	307	244	303	329	170	260	137	311	209	123
8	380	205	289	267	290	303	162	243	143	299	227	103
9	498	245	265	354	308	285	157	209	150	320	132	88
10	419	232	243	414	313	275	152	175	151	244	111	82
11	394	216	230	407	316	268	146	150	138	198	127	93
12	394	231	222	401	314	259	164	141	145	218	124	130
13	367	248	219	392	314	253	188	151	128	254	121	162
14	317	253	213	368	383	329	191	143	152	274	114	218
15	230	238	208	329	645	405	196	138	212	242	110	233
16	169	209	205	296	857	425	186	134	235	173	113	181
17	151	187	205	266	914	483	167	121	227	151	139	138
18	144	179	211	247	939	512	152	107	211	127	142	124
19	134	184	279	252	854	507	141	96	198	122	138	112
20	126	187	312	279	747	446	134	91	183	127	127	101
21	124	190	312	305	615	361	130	88	186	106	158	91
22	123	191	326	289	583	328	127	80	177	96	199	83
23	123	193	330	255	609	328	132	76	142	96	192	79
24	123	195	313	233	651	333	142	72	114	94	154	89
25	121	197	287	238	733	308	154	75	99	100	137	134
26	119	197	256	238	696	277	165	85	87	127	113	238
27	122	191	234	248	624	256	193	93	78	136	94	298
28	124	185	225	259	535	244	317	116	190	135	82	421
29	125	185	218	256	---	241	443	130	253	137	75	531
30	127	189	211	378	---	240	492	130	227	153	75	552
31	126	---	210	874	---	263	---	131	---	248	77	---
TOTAL	6088	5817	7944	9392	15669	10551	5869	5831	4660	6130	4583	5256
MEAN	196	194	256	303	560	340	196	188	155	198	148	175
MAX	498	253	330	874	939	512	492	577	253	351	309	552
MIN	108	124	205	210	290	240	127	72	78	94	75	79
CFSM	.58	.57	.75	.89	1.64	1.00	.57	.55	.46	.58	.43	.51
IN.	.66	.63	.87	1.02	1.71	1.15	.64	.64	.51	.67	.50	.57
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1997, BY WATER YEAR (WY)												
MEAN	268	284	383	464	528	555	421	285	257	223	253	224
MAX	1038	834	794	1166	1303	1224	918	766	866	877	1038	800
(WY)	1960	1993	1972	1993	1960	1980	1960	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 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1951 - 1997	
ANNUAL TOTAL	100826		87790			
ANNUAL MEAN	275		241		346	
HIGHEST ANNUAL MEAN					628	1960
LOWEST ANNUAL MEAN					186	1955
HIGHEST DAILY MEAN	956	Mar 20	939	Feb 18	3390	Oct 10 1992
LOWEST DAILY MEAN	36	Jul 4	72	May 24	18	Sep 13 1954
ANNUAL SEVEN-DAY MINIMUM	48	Jun 28	81	May 20	19	Jul 7 1990
INSTANTANEOUS PEAK FLOW			1090	Jan 31	4360	Oct 9 1992
INSTANTANEOUS PEAK STAGE			4.23	Jan 31	5.79	Oct 9 1992
INSTANTANEOUS LOW FLOW			70	*May 24	17	Sep 13 1954
ANNUAL RUNOFF (CFSM)	.81		.71		1.01	
ANNUAL RUNOFF (INCHES)	11.00		9.58		13.79	
10 PERCENT EXCEEDS	482		410		652	
50 PERCENT EXCEEDS	244		205		266	
90 PERCENT EXCEEDS	105		109		98	

* Also occurred on May 25.

BROAD RIVER BASIN
02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

361

LOCATION.--Lat 32°50'10", long 81°07'55", Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 50.30 ft above sea level. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--Records fair except for estimated daily discharge, Oct. 8, and those below 100 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.05	6.4	26	40	710	327	51	210	6.5	48	168	43
2	.14	6.7	49	49	481	290	46	106	5.9	24	284	283
3	.64	7.9	68	53	318	258	39	70	6.4	14	190	130
4	1.0	7.4	79	55	236	224	34	55	6.2	8.6	88	61
5	1.4	8.2	66	54	192	199	29	48	5.0	6.5	48	33
6	1.6	9.6	53	57	161	179	27	51	6.5	6.8	35	22
7	2.4	11	44	59	142	156	24	41	6.7	9.0	28	16
8	63	15	43	71	128	139	22	28	7.5	23	31	13
9	122	20	39	183	119	128	19	22	7.9	38	47	10
10	214	23	36	297	114	121	16	21	6.4	26	34	9.1
11	140	33	38	331	120	114	14	28	5.0	27	29	9.4
12	72	27	36	241	118	106	17	29	4.3	21	75	8.8
13	40	23	35	156	122	100	21	26	3.6	15	85	9.2
14	26	20	32	113	245	161	26	26	3.7	11	47	25
15	20	17	31	90	1050	238	27	26	4.3	7.9	29	25
16	15	15	31	86	1530	279	23	23	4.1	5.8	22	15
17	14	14	30	81	1130	249	20	16	3.9	4.5	18	9.8
18	12	14	36	75	768	188	17	11	4.3	4.1	16	7.5
19	11	15	84	68	564	152	13	7.8	6.4	5.3	16	6.7
20	9.5	16	113	64	433	138	11	6.5	7.5	6.4	17	5.7
21	8.6	16	131	60	355	139	8.9	6.3	8.5	5.5	22	5.1
22	7.7	17	110	57	627	132	9.5	5.0	7.3	4.6	21	4.5
23	7.7	16	79	58	949	116	10	3.7	5.2	3.7	19	4.1
24	7.3	16	62	63	902	99	9.0	2.9	4.0	3.0	15	4.4
25	6.9	16	54	67	686	87	7.3	3.1	2.9	3.5	11	10
26	6.3	16	47	65	521	79	6.9	3.6	2.2	6.4	8.9	47
27	6.5	17	44	74	428	73	12	4.6	2.1	15	7.4	70
28	6.9	16	41	74	372	65	82	4.6	4.8	5.7	5.9	176
29	6.7	16	40	75	---	64	267	5.4	20	3.7	4.8	237
30	6.8	16	40	170	---	61	340	7.4	52	5.1	7.5	210
31	7.0	---	38	318	---	59	---	7.3	---	39	13	---
TOTAL	844.13	471.2	1655	3304	13521	4720	1248.6	905.2	221.1	407.1	1442.5	1510.3
MEAN	27.2	15.7	53.4	107	483	152	41.6	29.2	7.37	13.1	46.5	50.3
MAX	214	33	131	331	1530	327	340	210	52	48	284	283
MIN	.05	6.4	26	40	114	59	6.9	2.9	2.1	3.0	4.8	4.1
CFSM	.13	.08	.26	.53	2.38	.75	.21	.14	.04	.06	.23	.25
IN.	.15	.09	.30	.61	2.48	.86	.23	.17	.04	.07	.26	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1997, BY WATER YEAR (WY)

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
MEAN	103	88.5	157	271	360	386	246	120	119	108	123	115
MAX	832	467	549	707	1047	1044	595	398	608	744	773	965
(WY)	1965	1986	1995	1993	1960	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	1954	1954	1954

BROAD RIVER BASIN
02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Contined

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1951 - 1997	
ANNUAL TOTAL	46961.71		30250.13		183	
ANNUAL MEAN	128		82.9		395	
HIGHEST ANNUAL MEAN					38.2	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	1650	May 1	1530	Feb 16	6590	Sep 2 1969
LOWEST DAILY MEAN	.05	Oct 1	.05	Oct 1	* .00	Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	.32	Sep 27	1.0	Oct 1	.00	Jun 29 1954
INSTANTANEOUS PEAK FLOW			1590	Feb 16	8160	Sep 2 1969
INSTANTANEOUS PEAK STAGE			4.82	Feb 16	** 8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	.63		.41		.90	
ANNUAL RUNOFF (INCHES)	8.61		5.54		12.26	
10 PERCENT EXCEEDS	317		212		480	
50 PERCENT EXCEEDS	43		26		79	
90 PERCENT EXCEEDS	6.8		4.9		3.5	

* No flow occurred on many days in 1951, 1954, 1956, 1957, 1968, 1969, 1980 - 82, 1986, 1988, 1990, 1991, 1993, 1995.

** From floodmarks.

BROAD RIVER BASIN
02176517 COOSAWHATCHIE RIVER NEAR EARLY BRANCH, SC

363

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 current year.

REVISED RECORDS.--WRD SC-96-1.

GAGE.--Data collection platform. Datum of gage is 16.53 ft above sea level.

REMARKS.--October 1995 to September 1996: Estimated daily discharges, Oct. 1 - 26, Jan. 4 - 8, July 17 - 20, Aug. 9 - 11. Records poor.

WATER YEAR 1997: Estimated daily discharges, Feb. 5, 6. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	720	136	210	245	801	234	1690	385	5.9	2.8	10	113
2	600	150	210	269	769	245	1290	791	5.7	2.2	11	90
3	460	173	205	294	764	247	1010	2180	6.0	1.6	11	76
4	420	185	196	306	763	249	830	1550	6.4	1.2	12	80
5	380	173	185	321	808	255	677	994	6.7	15	16	123
6	350	163	178	336	790	266	569	681	6.1	120	34	162
7	300	211	180	352	699	319	518	477	5.3	161	112	127
8	260	363	182	367	615	408	460	349	4.8	105	247	80
9	220	503	199	379	536	515	414	256	5.0	101	350	52
10	180	589	264	389	468	636	370	185	5.2	154	345	34
11	170	607	338	386	422	728	332	140	5.3	201	220	47
12	165	601	414	378	381	692	299	111	5.4	181	191	56
13	165	602	464	364	342	589	263	95	5.4	118	184	56
14	250	555	469	342	311	472	228	84	5.9	79	164	63
15	350	479	454	314	290	383	199	66	6.3	79	156	54
16	450	403	420	286	286	354	174	51	15	155	161	34
17	415	351	371	261	276	370	151	40	26	265	160	22
18	330	320	327	248	264	511	134	32	24	285	130	15
19	270	296	305	260	248	836	120	26	15	200	92	10
20	215	269	297	273	246	2430	107	22	13	146	64	7.0
21	180	243	304	278	248	2800	108	19	21	108	44	5.3
22	160	217	371	289	250	1960	106	17	18	75	27	5.0
23	140	194	420	293	251	1310	100	17	12	51	18	3.6
24	120	179	433	305	247	986	94	15	8.0	35	13	2.8
25	100	195	431	323	237	779	84	12	6.4	22	16	2.2
26	86	218	394	319	228	631	80	9.6	5.9	16	63	1.8
27	77	230	343	319	216	531	118	8.4	5.5	13	146	1.5
28	100	231	300	320	214	602	137	8.0	4.6	15	284	1.3
29	115	225	266	362	222	772	169	7.2	4.0	14	280	1.1
30	123	213	243	542	---	1140	261	6.6	3.3	13	192	8.7
31	128	---	240	747	---	1690	---	6.2	---	11	144	---
TOTAL	7999	9274	9613	10467	12192	23940	11092	8641.0	267.1	2745.8	3897	1334.3
MEAN	258	309	310	338	420	772	370	279	8.90	88.6	126	44.5
MAX	720	607	469	747	808	2800	1690	2180	26	285	350	162
MIN	77	136	178	245	214	234	80	6.2	3.3	1.2	10	1.1
CFSM	.68	.81	.81	.88	1.10	2.02	.97	.73	.02	.23	.33	.12
IN.	.78	.90	.94	1.02	1.19	2.33	1.08	.84	.03	.27	.38	.13

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

MEAN	258	309	310	338	420	772	370	279	8.90	88.6	126	44.5
MAX	258	309	310	338	420	772	370	279	8.90	88.6	126	44.5
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996
MIN	258	309	310	338	420	772	370	279	8.90	88.6	126	44.5
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996

SUMMARY STATISTICS

FOR 1996 WATER YEAR

ANNUAL TOTAL	101462.2
ANNUAL MEAN	277
HIGHEST DAILY MEAN	2800 Mar 21
LOWEST DAILY MEAN	1.1 Sep 29
ANNUAL SEVEN-DAY MINIMUM	2.0 Sep 23
INSTANTANEOUS PEAK FLOW	3030 * Mar 20
INSTANTANEOUS PEAK STAGE	6.08 * Mar 20
ANNUAL RUNOFF (CFSM)	.73
ANNUAL RUNOFF (INCHES)	9.88
10 PERCENT EXCEEDS	602
50 PERCENT EXCEEDS	210
90 PERCENT EXCEEDS	6.9

*Also occurred on Mar. 21.

BROAD RIVER BASIN
02176517 COOSAWHATCHIE RIVER NEAR EARLY BRANCH, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	9.5	46	109	382	825	106	389	6.3	15	263	4.4
2	6.5	9.3	109	111	522	709	90	394	5.7	16	566	3.6
3	6.5	11	173	113	601	623	78	409	5.1	17	512	3.2
4	6.1	10	203	119	780	552	67	401	5.2	18	377	3.4
5	4.8	9.7	187	126	751	490	58	313	4.2	16	301	7.5
6	3.5	9.2	154	135	555	431	52	206	8.9	13	249	39
7	3.7	10	134	143	445	373	46	125	30	14	152	57
8	127	15	129	158	363	327	37	78	57	15	82	42
9	353	24	120	321	308	292	31	58	64	18	50	27
10	528	51	108	525	266	260	26	47	44	31	39	19
11	561	71	98	677	247	233	22	35	24	55	33	16
12	412	70	90	797	240	209	27	30	15	41	31	14
13	285	59	90	732	218	196	32	30	11	28	28	14
14	243	49	87	624	294	246	34	27	9.0	20	24	13
15	184	42	87	530	543	357	31	25	8.7	17	32	10
16	121	40	89	421	1010	444	27	22	8.5	14	68	8.4
17	83	38	85	321	2170	464	24	19	8.4	17	90	7.2
18	61	41	83	262	2160	441	22	16	9.9	16	79	6.7
19	47	39	135	228	1700	427	19	15	18	10	73	8.3
20	35	37	202	203	1300	417	18	13	27	7.2	82	8.8
21	28	35	256	182	1040	376	16	11	25	5.4	88	7.9
22	25	33	292	167	941	336	14	8.5	35	4.3	74	6.3
23	22	30	287	157	919	290	13	6.7	31	5.4	64	5.1
24	19	29	260	151	1180	251	12	5.2	14	3.7	45	5.2
25	16	32	234	146	1490	223	11	5.4	8.8	3.3	29	9.5
26	14	32	203	146	1380	199	9.3	4.0	5.8	3.1	20	19
27	12	30	170	147	1170	175	13	6.3	4.3	2.5	16	30
28	11	28	143	149	971	153	86	5.6	6.4	1.9	12	55
29	11	27	126	144	---	147	245	4.8	8.1	1.5	9.2	85
30	10	27	114	189	---	135	359	4.1	11	2.2	7.3	101
31	10	---	109	276	---	124	---	4.2	---	35	5.7	---
TOTAL	3256.3	947.7	4603	8509	23946	10725	1625.3	2717.8	519.3	466.5	3501.2	636.5
MEAN	105	31.6	148	274	855	346	54.2	87.7	17.3	15.0	113	21.2
MAX	561	71	292	797	2170	825	359	409	64	55	566	101
MIN	3.5	9.2	46	109	218	124	9.3	4.0	4.2	1.5	5.7	3.2
CFSM	.27	.08	.39	.72	2.24	.91	.14	.23	.05	.04	.30	.06
IN.	.32	.09	.45	.83	2.33	1.04	.16	.26	.05	.05	.34	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

MEAN	182	184	245	322	649	538	215	176	13.1	54.0	124	33.2
MAX	258	336	342	370	855	729	377	265	17.3	92.9	135	45.3
(WY)	1996	1996	1996	1996	1997	1996	1996	1996	1997	1996	1996	1996
MIN	105	31.6	148	274	450	346	54.2	87.7	8.90	15.0	113	21.2
(WY)	1997	1997	1997	1997	1996	1997	1997	1997	1996	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1996 - 1997

ANNUAL TOTAL	84126.2	61453.6	
ANNUAL MEAN	230	168	
HIGHEST ANNUAL MEAN			226
LOWEST ANNUAL MEAN			284
HIGHEST DAILY MEAN	1960	2170	168
LOWEST DAILY MEAN	1.1	1.5	168
ANNUAL SEVEN-DAY MINIMUM	2.0	2.6	2170
INSTANTANEOUS PEAK FLOW			1.1
INSTANTANEOUS PEAK STAGE			2.0
ANNUAL RUNOFF (CFSM)	.60	6.29	2340
ANNUAL RUNOFF (INCHES)	8.19	.44	6.29
10 PERCENT EXCEEDS	595	5.98	.59
50 PERCENT EXCEEDS	116		8.05
90 PERCENT EXCEEDS	6.4	6.3	560
			123
			6.5

BROAD RIVER BASIN
02176518 COOSAWHATCHIE RIVER NEAR GRAYS, SC

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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 current year.

GAGE.--Data collection platform. Elevation of gage is 13.0 ft above sea level (from topographic map).

REMARKS.--October 1995 to September 1996: Estimated daily discharges, Aug. 27 to Sept. 20. Records poor.

WATER YEAR 1997: Estimated daily discharges, June 26 to July 1, Sept. 1. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	810	154	242	291	739	264	1510	295	4.3	1.3	11	150
2	657	159	235	300	769	271	1370	380	3.5	.85	10	130
3	523	169	233	312	773	278	1100	937	2.9	.54	9.6	85
4	449	181	232	327	737	279	883	1620	2.6	.34	9.2	75
5	414	189	225	339	731	281	735	1150	2.5	4.2	10	90
6	405	187	219	342	761	298	627	774	2.6	28	17	115
7	371	210	217	364	734	330	553	549	2.6	97	44	140
8	324	303	212	377	663	369	493	427	2.4	138	108	110
9	294	380	217	389	593	412	453	343	2.1	118	213	75
10	255	470	250	402	525	479	416	269	1.8	115	276	55
11	217	522	293	408	472	570	385	205	1.7	144	271	35
12	199	537	356	413	433	633	356	166	1.6	174	228	50
13	190	537	420	403	403	632	327	137	1.6	168	195	50
14	197	536	460	388	373	563	294	122	2.9	135	181	55
15	312	507	464	370	349	474	269	115	4.3	112	166	60
16	357	463	459	350	339	436	247	97	3.9	111	157	50
17	412	411	436	326	325	405	219	76	6.8	155	159	30
18	379	369	403	306	312	450	193	59	14	220	161	25
19	321	340	371	303	301	565	176	46	19	265	155	20
20	264	318	345	300	292	966	161	36	16	216	142	12
21	222	296	332	308	287	2180	153	29	13	163	92	10
22	201	270	334	311	286	2150	146	23	15	125	60	7.9
23	182	247	383	320	286	1510	141	20	15	94	38	5.8
24	165	224	426	332	286	1120	135	19	12	70	23	4.1
25	150	217	442	340	280	872	128	16	8.4	51	15	2.6
26	132	217	442	348	274	705	121	13	5.8	37	23	1.6
27	118	234	418	358	266	599	125	12	4.4	23	80	1.0
28	126	248	379	360	265	622	146	11	3.1	33	160	.70
29	127	253	343	356	271	651	166	9.0	2.2	32	260	.49
30	132	251	312	391	---	781	227	7.1	1.7	18	250	2.8
31	143	---	299	560	---	1180	---	5.6	---	13	200	---
TOTAL	9048	9399	10399	10994	13125	21325	12255	7967.7	179.7	2862.23	3723.8	1448.99
MEAN	292	313	335	355	453	688	409	257	5.99	92.3	120	48.3
MAX	810	537	464	560	773	2180	1510	1620	19	265	276	150
MIN	118	154	212	291	265	264	121	5.6	1.6	.34	9.2	.49

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

	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996
MEAN	292	313	335	355	453	688	409	257	5.99	92.3	120	48.3
MAX	292	313	335	355	453	688	409	257	5.99	92.3	120	48.3
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996
MIN	292	313	335	355	453	688	409	257	5.99	92.3	120	48.3
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996

SUMMARY STATISTICS

FOR 1996 WATER YEAR

ANNUAL TOTAL	102727.42
ANNUAL MEAN	281
HIGHEST DAILY MEAN	2180 Mar 21
LOWEST DAILY MEAN	.34 Jul 4
ANNUAL SEVEN-DAY MINIMUM	1.4 Jun 28
INSTANTANEOUS PEAK FLOW	* 2350 ** Mar 21
INSTANTANEOUS PEAK STAGE	7.15** Mar 21
10 PERCENT EXCEEDS	567
50 PERCENT EXCEEDS	233
90 PERCENT EXCEEDS	7.0

*From rating curve extended above 640 ft³/s.

**Also occurred on Mar. 22.

BROAD RIVER BASIN
02176518 COOSAWHATCHIE RIVER NEAR GRAYS, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	9.0	38	128	274	923	136	301	3.2	9.5	139	5.2
2	9.7	8.7	66	127	352	763	124	316	3.5	18	274	3.8
3	10	8.9	101	127	443	654	110	337	3.6	18	427	2.7
4	8.8	8.9	140	127	521	563	96	363	3.4	16	418	1.9
5	6.6	8.7	172	130	632	493	86	350	3.1	17	340	1.4
6	5.0	8.3	176	136	639	445	77	286	5.1	16	279	1.3
7	4.4	7.8	166	140	524	401	70	204	17	15	232	6.6
8	74	10	149	150	429	361	59	146	52	18	166	28
9	152	15	136	234	367	321	49	105	70	40	111	35
10	257	18	131	335	318	292	40	80	73	34	82	30
11	357	33	123	413	282	265	33	62	59	37	68	23
12	384	55	115	515	263	237	39	51	36	56	50	17
13	337	67	111	590	256	219	47	52	21	51	41	14
14	253	65	106	590	299	246	45	44	15	36	35	13
15	212	57	100	534	465	274	44	36	13	25	30	13
16	178	49	98	463	570	336	41	31	10	19	55	11
17	140	44	99	390	1380	389	35	26	8.4	17	92	9.8
18	107	41	101	312	3100	404	30	21	9.4	23	124	7.9
19	80	41	124	261	2780	407	26	18	12	23	108	6.2
20	60	42	142	228	1790	407	22	15	16	14	97	5.4
21	48	42	179	206	1260	396	20	13	28	8.9	104	5.3
22	38	40	219	191	1090	364	17	10	29	12	104	5.3
23	31	37	251	181	943	324	16	8.2	34	30	91	4.9
24	27	34	259	176	905	285	15	6.0	33	15	77	4.6
25	23	32	248	173	1310	248	13	4.6	19	9.4	57	5.9
26	19	32	226	168	1540	227	12	4.0	11	7.3	39	8.8
27	16	34	204	163	1410	204	13	4.7	7.0	4.5	25	21
28	14	34	182	162	1150	184	58	5.9	5.0	2.7	18	41
29	12	32	163	165	---	177	148	5.9	6.5	1.6	13	49
30	11	30	147	192	---	165	237	4.8	8.0	7.1	9.9	70
31	10	---	135	224	---	148	---	3.6	---	93	7.3	---
TOTAL	2890.8	944.3	4607	7931	25292	11122	1758	2914.7	614.2	694.0	3713.2	452.0
MEAN	93.3	31.5	149	256	903	359	58.6	94.0	20.5	22.4	120	15.1
MAX	384	67	259	590	3100	923	237	363	73	93	427	70
MIN	4.4	7.8	38	127	256	148	12	3.6	3.1	1.6	7.3	1.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

	1993	1972	242	305	674	523	234	176	13.2	57.4	120	31.7
MEAN	193	172	242	305	674	523	234	176	13.2	57.4	120	31.7
MAX	292	313	335	355	903	688	409	257	20.5	92.3	120	48.3
(WY)	1996	1996	1996	1996	1997	1996	1996	1996	1997	1996	1996	1996
MIN	93.3	31.5	149	256	453	359	58.6	94.0	5.99	22.4	120	15.1
(WY)	1997	1997	1997	1997	1996	1997	1997	1997	1996	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1996 - 1997

ANNUAL TOTAL	82323.52	62933.2	227
ANNUAL MEAN	225	172	281
HIGHEST ANNUAL MEAN			1996
LOWEST ANNUAL MEAN			1997
HIGHEST DAILY MEAN	2180	Mar 21	3100
LOWEST DAILY MEAN	.34	Jul 4	1.3
ANNUAL SEVEN-DAY MINIMUM	1.4	Jun 28	3.3
INSTANTANEOUS PEAK FLOW			* 3230
INSTANTANEOUS PEAK STAGE			7.27
10 PERCENT EXCEEDS	561	405	504
50 PERCENT EXCEEDS	136	57	140
90 PERCENT EXCEEDS	5.8	6.6	6.8

*From rating curve extended above 640 ft³/s.

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DRAINAGE AREA.--207 mi².

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.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	889	313	5800	571	809	2330	935	1050	2000	562	468	379
2	766	363	2690	549	768	1640	891	948	1310	505	417	309
3	707	341	1530	532	740	1560	865	1840	1010	475	393	294
4	649	313	1180	515	775	1470	837	1460	998	454	370	262
5	587	308	1010	622	933	1280	815	1190	883	459	352	248
6	548	307	937	610	829	1330	1200	1060	805	437	336	239
7	530	339	862	547	765	1160	1170	980	748	425	334	235
8	515	1510	785	537	857	1080	952	932	725	418	338	234
9	484	848	728	1260	811	1020	888	900	705	455	337	231
10	451	580	688	1020	770	985	841	852	679	457	352	285
11	445	498	663	800	735	940	814	817	649	415	367	288
12	429	454	670	702	703	896	1780	796	804	403	332	263
13	422	430	851	651	756	938	1490	774	1000	393	321	243
14	413	417	698	615	864	3950	1150	744	891	387	322	235
15	402	402	646	597	1240	2010	1030	729	911	377	315	227
16	392	384	615	895	988	1570	961	699	765	406	328	225
17	386	379	685	725	871	1380	917	678	728	438	302	220
18	392	395	657	635	811	1260	872	665	697	395	294	215
19	380	448	615	627	778	1290	850	649	652	375	286	210
20	370	397	570	600	747	1310	825	654	626	367	283	204
21	354	393	550	583	847	1170	803	626	628	344	282	199
22	347	449	541	579	1300	1090	975	600	660	414	270	199
23	351	392	538	641	949	1030	972	589	608	1230	266	200
24	344	375	570	1090	864	981	881	580	605	1350	261	393
25	332	379	619	1800	817	954	811	671	568	625	258	1150
26	332	585	544	1170	792	1100	775	685	553	522	255	518
27	413	484	567	947	855	963	845	609	547	483	258	325
28	371	431	556	1200	2400	961	1480	707	545	436	278	343
29	341	410	667	1070	---	1390	1660	698	525	412	256	566
30	330	564	666	932	---	1140	1230	936	506	452	247	349
31	319	---	604	862	---	1010	---	890	---	608	300	---
TOTAL	13991	13888	29302	24484	25374	41188	30515	26008	23331	15479	9778	9288
MEAN	451	463	945	790	906	1329	1017	839	778	499	315	310
MAX	889	1510	5800	1800	2400	3950	1780	1840	2000	1350	468	1150
MIN	319	307	538	515	703	896	775	580	506	344	247	199
CFSM	2.18	2.24	4.57	3.82	4.38	6.42	4.91	4.05	3.76	2.41	1.52	1.50
IN.	2.51	2.50	5.27	4.40	4.56	7.40	5.48	4.67	4.1			

MEAN	445	512	663	778	875	958	901	729	609	516	498	440
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 CHATTOOGA RIVER NEAR CLAYTON, GA--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1940 - 1997	
ANNUAL TOTAL	266064		262626		659	
ANNUAL MEAN	727		720		1098	1949
HIGHEST ANNUAL MEAN					337	1981
LOWEST ANNUAL MEAN					14800	Aug 30 1940
HIGHEST DAILY MEAN	6310	Jan 27	5800	Dec 1	88	Oct 8 1954
LOWEST DAILY MEAN	238	Jul 24	199	Sep 21	90	Oct 7 1954
ANNUAL SEVEN-DAY MINIMUM	259	Jul 19	207	Sep 17	* 29000	Aug 30 1940
INSTANTANEOUS PEAK FLOW			9760	Dec 1	13.80	Aug 30 1940
INSTANTANEOUS PEAK STAGE			7.05	Dec 1	88	Oct 8 1954
INSTANTANEOUS LOW FLOW			199	** Sep 20	3.18	
ANNUAL RUNOFF (CFSM)	3.51		3.48		43.27	
ANNUAL RUNOFF (INCHES)	47.81		47.20		1170	
10 PERCENT EXCEEDS	1180		1190		537	
50 PERCENT EXCEEDS	584		626		234	
90 PERCENT EXCEEDS	333		305			

* From rating curve 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. 21 - 24.

SAVANNAH RIVER BASIN
02177000 CHATTOOGA RIVER NEAR CLAYTON, GA--Continued

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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.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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)	ALKA- LINITY WAT WH TOT FET LAB MG/L AS CACO3 (00417)	OXYGEN, DIS- SOLVED 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)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
OCT 24...	1345	1.42	341	732	13.5	<20	4	10.0	100	<1.0	7.0	6.6
NOV 12...	1605	1.58	447	745	6.0	<20	6	11.8	97	<1.0	6.7	6.9
DEC 18...	1555	1.82	637	732	7.0	50	1	11.4	98	1.2	6.8	--
JAN 22...	1630	1.75	576	735	5.0	<20	5	11.8	96	<1.0	6.8	6.6
FEB 17...	1515	2.06	859	744	7.0	20	2	11.4	96	<1.0	6.7	6.7
MAR 13...	1120	2.06	859	735	11.5	50	6	10.4	99	<1.0	6.7	6.6
APR 10...	1600	2.03	830	735	13.0	<20	4	10.0	98	<1.0	7.0	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- 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, ORGANIC TOTAL (MG/L AS N) (00605)	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 24...	14	14	1.0	<1	<0.020	<0.030	--	<0.10	--	<0.020	1.0	--
NOV 12...	13	13	1.0	<1	<0.020	<0.030	--	<0.10	--	<0.020	<1.0	--
DEC 18...	12	12	1.0	<1	0.020	<0.030	0.20	0.20	0.22	<0.020	1.0	0.97
JAN 22...	12	12	1.0	<1	0.020	<0.030	--	<0.10	--	<0.020	<1.0	--
FEB 17...	13	13	1.0	4	<0.020	<0.030	0.10	0.10	0.10	<0.020	1.0	--
MAR 13...	12	12	1.0	<1	<0.020	<0.030	--	<0.10	--	<0.020	<1.0	--
APR 10...	12	12	1.0	1	<0.020	<0.030	--	--	--	<0.020	<1.0	--

		DIS-CHARGE, INST. CUBIC FEET PER SECOND (00065)	BARO- METRIC PRES- SURE OF HG (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLI- FORM- FECAL, EC BROTH (MPN) (31615)	ALKA- LINITY WAT WH TOT FET LAB MG/L AS CACO3 (00417)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)			
MAY	15...	1325	1.93	733	728	16.5	<20	4	9.3	100	<1.0	6.9
JUN	12...	1530	2.13	929	727	19.0	490	5	8.8	100	<1.0	6.9
JUL	17...	1320	1.55	427	732	24.0	<20	6	8.1	100	<1.0	7.2
	30...	1245	1.53	420	734	23.0	<20	--	8.0	97	--	6.9
	31...	1700	1.76	601	737	22.5	--	--	8.5	102	--	7.0
AUG	06...	1230	1.41	335	734	23.5	20	--	8.8	108	--	7.5
	14...	1330	1.39	322	731	25.5	<20	5	8.1	103	<1.0	7.4
SEP	11...	1630	1.29	282	729	22.0	50	6	8.4	100	<1.0	7.0

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- 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, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS ORGANIC TOTAL (MG/L AS P) (00670)
MAY											
15...	6.8	12	12	1.0	1	<0.020	<0.030	--	<0.10	--	--
JUN											
12...	6.6	12	13	8.0	11	<0.020	<0.030	0.10	0.10	0.10	0.02
JUL											
17...	6.7	14	14	1.0	3	<0.020	<0.030	0.10	0.10	0.10	--
30...	--	15	--	--	--	--	--	--	--	--	--
31...	--	14	--	--	--	--	--	--	--	--	--
AUG											
06...	--	14	--	--	--	--	--	--	--	--	--
14...	7.1	15	15	1.0	1	<0.020	<0.030	0.20	0.20	0.20	--
SEP											
11...	6.6	15	16	1.0	1	<0.020	<0.030	0.10	0.10	0.10	--

[illegible]

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EXTREMES FOR CURRENT YEAR.--Maximum gage height, 799.98 ft, May 30; minimum gage height, 796.07 ft, Nov. 26.

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	799.32	799.04	798.69	798.05	798.79	798.10	799.17	799.07	799.11	798.85	799.45	799.09
2	799.57	798.84	799.02	798.25	798.86	798.19	799.25	799.28	799.45	798.92	799.39	799.58
3	799.22	798.34	799.09	798.38	798.82	799.13	799.47	799.26	799.13	798.99	799.38	799.57
4	798.84	799.03	799.34	798.47	798.77	798.96	799.27	799.19	799.38	798.83	799.32	799.27
5	798.95	799.03	799.27	798.19	798.84	798.89	799.58	799.60	799.23	798.47	799.43	799.31
6	798.49	798.61	799.17	797.93	798.85	798.81	799.23	799.54	799.72	798.22	799.34	799.32
7	798.51	798.78	799.27	798.19	798.74	798.31	799.17	799.51	799.54	798.77	799.48	798.78
8	798.45	798.90	798.92	798.42	798.64	798.32	799.18	799.40	799.15	798.66	799.61	799.05
9	798.56	798.91	798.74	798.87	798.60	798.02	799.48	799.48	799.03	798.68	799.20	799.16
10	798.65	799.00	798.97	798.87	799.14	798.05	799.64	799.10	799.13	799.14	798.65	799.19
11	798.48	799.51	798.63	798.74	798.65	798.19	799.44	798.42	799.14	799.20	799.31	799.18
12	798.53	799.30	798.50	798.43	798.62	798.37	799.53	799.16	799.49	798.89	799.24	799.56
13	798.40	799.13	798.70	798.37	798.76	798.62	799.05	799.25	799.59	798.68	799.24	799.37
14	798.45	798.98	798.74	798.58	798.48	798.49	799.47	799.95	799.39	798.17	799.39	798.70
15	799.15	798.67	798.32	798.57	798.26	798.80	799.40	799.61	799.38	798.35	799.68	799.20
16	799.40	798.72	798.57	798.23	797.83	798.94	799.12	799.24	799.53	798.65	799.58	799.14
17	799.61	798.22	798.70	798.88	798.00	798.21	799.15	798.74	799.75	799.26	799.10	799.39
18	799.37	798.35	798.62	798.76	798.30	798.36	799.23	798.69	799.51	799.29	799.43	799.67
19	799.11	798.39	798.92	798.16	798.41	798.64	799.52	799.68	799.33	799.07	799.26	799.63
20	798.89	798.38	799.21	798.31	798.44	798.77	798.86	799.58	799.61	798.86	799.37	799.44
21	798.70	798.36	799.17	798.53	798.49	798.64	799.16	799.25	799.29	799.40	799.43	798.88
22	798.89	797.97	799.07	798.79	798.31	798.65	799.51	799.26	799.00	799.50	799.38	798.63
23	798.75	797.24	798.42	798.65	798.40	798.32	799.45	799.48	799.10	798.78	799.55	798.89
24	798.80	796.45	798.45	799.30	798.65	798.41	799.35	799.43	798.68	799.21	798.88	799.04
25	798.84	796.41	798.37	798.67	798.60	798.50	799.34	799.11	798.72	798.94	798.86	799.06
26	798.66	796.70	798.49	798.34	798.59	798.47	799.37	798.74	799.06	799.38	798.99	798.99
27	798.61	797.81	798.61	798.39	798.93	798.96	799.03	798.79	798.89	799.16	799.05	799.34
28	799.13	797.64	798.59	798.49	798.86	799.25	799.07	798.79	798.95	799.21	799.21	799.12
29	799.48	797.89	798.57	798.79	---	799.36	798.81	799.25	798.67	799.02	799.34	799.32
30	799.02	798.06	798.51	798.90	---	799.27	799.01	799.79	798.76	798.90	798.96	799.46
31	799.16	---	798.25	798.79	---	799.33	---	799.47	---	799.27	799.17	---
MAX	799.61	799.51	799.34	799.30	799.14	799.36	799.64	799.95	799.75	799.50	799.68	799.67
MIN	798.40	796.41	798.25	797.93	797.83	798.02	798.81	798.42	798.67	798.17	798.65	798.63

[illegible]

DRAINAGE AREA.--72.0 mi².

GAGE.--Data collection platform. Datum of gage is 807.63 ft above sea level.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	153	84	2410	133	194	762	221	273	308	146	107	86
2	141	92	633	131	181	489	213	248	323	135	99	77
3	134	85	337	128	173	373	207	579	246	128	95	69
4	126	85	250	125	172	321	201	380	227	122	92	66
5	118	86	214	149	177	266	198	304	209	120	89	62
6	115	87	197	140	164	275	278	272	196	115	86	60
7	114	94	187	134	161	246	254	248	186	112	87	59
8	114	304	177	133	179	237	224	237	183	110	87	57
9	109	165	166	438	166	227	213	228	181	110	86	57
10	104	130	160	268	165	221	202	215	174	112	89	72
11	104	117	158	205	161	213	198	208	170	107	97	79
12	101	109	159	179	155	205	782	206	176	105	87	69
13	100	106	171	167	203	223	458	201	176	105	83	66
14	100	105	158	159	275	808	327	195	182	108	83	64
15	97	102	147	155	429	433	283	191	218	102	78	62
16	93	100	144	235	266	334	258	184	175	99	84	63
17	92	100	158	185	219	290	241	182	172	101	78	66
18	92	107	151	169	200	269	228	181	167	98	74	65
19	88	119	152	159	191	267	222	178	158	95	72	64
20	87	107	142	153	182	259	216	180	152	92	72	60
21	87	110	138	148	198	244	211	174	147	92	71	57
22	85	123	135	148	224	234	303	169	147	113	65	57
23	87	111	134	152	194	221	265	165	151	288	64	57
24	85	109	137	398	186	213	249	162	148	244	64	115
25	84	109	135	588	182	213	225	195	144	141	64	250
26	85	132	130	302	180	241	214	186	140	128	63	131
27	107	117	137	237	195	218	238	174	146	117	61	105
28	97	112	135	277	923	225	492	218	146	110	62	159
29	92	109	144	240	---	329	410	195	139	105	61	152
30	89	167	140	219	---	265	315	248	133	110	59	105
31	85	---	137	205	---	237	---	216	---	127	103	---
TOTAL	3165	3483	7773	6459	6295	9358	8346	6992	5420	3797	2462	2511
MEAN	102	116	251	208	225	302	278	226	181	122	79.4	83.7
MAX	153	304	2410	588	923	808	782	579	323	288	107	250
MIN	84	84	130	125	155	205	198	162	133	92	59	57
CFSM	1.42	1.61	3.48	2.89	3.12	4.19	3.86	3.13	2.51	1.70	1.10	1.16
IN.	1.64	1.80	4.02	3.34	3.25	4.83	4.31	3.61	2.80	1.96	1.27	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1997, BY WATER YEAR (WY)

MEAN	129	158	197	230	224	251	226	199	172	126	146	119
MAX	302	412	368	399	371	477	416	463	577	350	432	286
(WY)	1990	1980	1968	1978	1974	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
02185200 LITTLE RIVER NEAR WALHALLA, SC--Continued

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1967 - 1997	
ANNUAL TOTAL	75336		66061		180	
ANNUAL MEAN	206		181		255	1980
HIGHEST ANNUAL MEAN					85.2	1986
LOWEST ANNUAL MEAN					10000	Jun 4 1967
HIGHEST DAILY MEAN	2820	Jan 27	2410	Dec 1	12	Aug 3 1986
LOWEST DAILY MEAN	81	Jul 24	57	* Sep 8	15	Jul 31 1986
ANNUAL SEVEN-DAY MINIMUM	86	Oct 20	61	Sep 17	12800	Jun 4 1967
INSTANTANEOUS PEAK FLOW			4510	Dec 1	12.29	Jun 4 1967
INSTANTANEOUS PEAK STAGE			6.87	Dec 1	12	Aug 3 1986
INSTANTANEOUS LOW FLOW			57	** Aug 30	2.50	
ANNUAL RUNOFF (CFSM)	2.86		2.51		33.98	
ANNUAL RUNOFF (INCHES)	38.92		34.13		300	
10 PERCENT EXCEEDS	323		275		144	
50 PERCENT EXCEEDS	159		152		68	
90 PERCENT EXCEEDS	94		79			

* Also occurred on Sept. 9, 21 - 23.

** Also occurred on Aug. 31, Sept. 8 - 10, 21 - 24.

REMARKS.--Records good except for estimated daily discharges, Dec. 14 - 16, which are poor.

* Also occurred on Sept. 8, 9.

SAVANNAH RIVER BASIN
02186645 CONEROSS CREEK NEAR SENECA, SC

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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, May 4 - 6, Aug. 16 - 19, Sept. 7 - 9, and those above 2,500 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	54	1140	66	104	744	94	145	234	70	64	39
2	81	63	454	65	97	405	90	121	206	66	60	40
3	141	55	313	64	92	335	87	950	117	62	58	64
4	108	54	237	63	93	255	85	380	117	59	56	60
5	73	54	193	124	101	170	83	300	103	56	54	49
6	67	53	126	93	90	160	107	175	91	55	51	36
7	68	55	106	79	86	132	110	135	85	55	59	34
8	75	233	94	75	108	122	89	120	82	55	55	33
9	64	112	86	471	94	113	83	111	80	55	53	32
10	60	78	82	234	90	110	80	100	78	58	56	41
11	60	68	79	140	87	104	80	94	76	54	54	64
12	58	64	84	110	84	99	154	91	76	53	51	48
13	57	62	109	98	172	104	150	88	82	52	58	42
14	57	61	84	90	259	242	104	84	83	53	67	40
15	56	59	78	86	484	167	92	86	79	49	55	39
16	56	58	75	199	210	127	87	80	74	48	55	38
17	56	57	85	119	149	113	84	78	74	57	53	37
18	56	61	79	98	126	107	80	75	74	49	50	36
19	55	68	83	91	114	108	79	73	71	47	48	36
20	54	61	74	87	106	107	79	76	67	46	46	35
21	54	62	70	84	116	99	78	72	66	45	49	34
22	53	66	70	84	121	95	203	71	71	48	43	33
23	54	60	71	87	101	89	143	69	69	470	41	34
24	53	59	72	479	96	87	130	69	67	603	39	49
25	53	59	71	597	94	88	104	92	62	220	39	127
26	53	87	67	306	94	98	93	95	62	114	38	74
27	57	67	72	198	124	90	120	79	162	88	39	56
28	57	62	71	178	1030	90	518	99	131	77	38	137
29	55	60	70	142	---	201	378	90	81	71	37	126
30	55	81	69	123	---	130	193	126	71	70	36	71
31	53	---	68	111	---	105	---	106	---	72	36	---
TOTAL	1978	2093	4432	4841	4522	4996	3857	4330	2791	2977	1538	1584
MEAN	63.8	69.8	143	156	162	161	129	140	93.0	96.0	49.6	52.8
MAX	141	233	1140	597	1030	744	518	950	234	603	67	137
MIN	53	53	67	63	84	87	78	69	62	45	36	32
CFSM	.98	1.07	2.19	2.39	2.47	2.46	1.97	2.14	1.42	1.47	.76	.81
IN.	1.13	1.19	2.52	2.75	2.57	2.84	2.19	2.46	1.59	1.69	.87	.90

SAVANNAH RIVER BASIN
02186645 CONERROSS CREEK NEAR SENECA, SC--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)

MEAN	123	116	121	174	181	208	133	112	107	90.8	132	84.1
MAX	254	281	259	349	256	323	238	165	152	255	290	127
(WY)	1996	1993	1993	1993	1996	1990	1993	1991	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

SUMMARY STATISTICS FOR 1996 CALENDAR YEAR FOR 1997 WATER YEAR WATER YEARS 1989 - 1997

ANNUAL TOTAL	49510			39939								
ANNUAL MEAN	135			109						132		
HIGHEST ANNUAL MEAN										180		1993
LOWEST ANNUAL MEAN										109		1997
HIGHEST DAILY MEAN	1970	Jan 27		1140	Dec 1					2800	Mar 17	1990
LOWEST DAILY MEAN	45	** Jul 20		32	Sep 9					32	Sep 9	1997
ANNUAL SEVEN-DAY MINIMUM	47	Jul 18		35	Sep 17					35	Jul 3	1990
INSTANTANEOUS PEAK FLOW				1970	Feb 28					*3590	Aug 17	1994
INSTANTANEOUS PEAK STAGE				11.75	Feb 28					15.26	Aug 17	1994
INSTANTANEOUS LOW FLOW				31	Sep 9					31	Sep 9	1997
ANNUAL RUNOFF (CFSM)	2.07			1.67						2.01		
ANNUAL RUNOFF (INCHES)	28.16			22.72						27.35		
10 PERCENT EXCEEDS	228			176						221		
50 PERCENT EXCEEDS	92			79						88		
90 PERCENT EXCEEDS	55			49						52		

* From rating curve extended above 3,300 ft³/s.

** Also occurred on July 23, 24.

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[illegible]

**SAVANNAH RIVER BASIN
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, 484.64 ft, Mar. 27; minimum, 474.88 ft, Sept. 27 - 30.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	480.24	475.12	476.55	482.68	475.10	476.33	475.15	475.09	475.12	481.24	475.11	476.42
2	480.22	475.12	476.55	475.12	475.10	475.10	482.70	475.12	477.64	482.69	475.11	477.37
3	480.23	475.12	476.66	475.10	475.10	475.10	481.34	475.10	476.88	482.70	475.11	477.59
4	480.21	475.11	476.04	482.69	475.10	477.10	481.29	475.10	476.58	475.33	475.11	475.12
5	478.57	475.11	475.60	481.97	475.10	476.59	480.61	475.10	476.33	475.14	475.11	475.12
6	478.92	475.11	475.69	480.82	475.10	476.73	482.40	475.10	477.05	482.62	475.12	476.71
7	480.45	475.12	476.26	482.37	475.10	476.89	478.77	475.10	475.39	481.75	475.13	477.39
8	480.46	475.12	476.46	481.65	475.10	476.54	478.18	475.10	475.59	482.69	475.12	476.89
9	480.46	475.12	476.60	475.12	475.09	475.10	480.90	475.10	476.92	482.70	475.12	476.73
10	480.50	475.12	476.48	479.45	475.09	475.92	482.69	475.10	477.61	482.72	475.12	477.01
11	481.28	475.12	476.67	481.92	475.09	476.63	482.68	475.09	478.01	480.34	475.13	476.60
12	481.26	475.12	476.05	481.54	475.10	476.94	481.73	475.10	477.23	478.72	475.12	475.90
13	480.23	475.12	476.44	482.71	475.10	476.90	482.71	475.10	477.77	482.16	475.12	476.72
14	482.41	475.12	476.10	482.67	475.09	476.81	480.17	475.11	475.85	482.36	475.12	476.76
15	481.63	475.11	476.30	481.45	475.09	476.26	477.32	475.11	475.64	482.28	475.13	476.35
16	481.75	475.11	476.68	479.43	475.09	476.10	482.35	475.10	476.96	479.70	475.13	476.39
17	480.12	475.11	476.29	479.09	475.09	475.84	481.87	475.11	476.91	482.69	475.14	476.68
18	478.84	475.12	476.42	481.02	475.10	476.74	482.72	475.09	477.70	482.77	475.13	476.51
19	482.03	475.10	476.17	482.47	475.10	476.80	482.74	475.11	477.63	480.66	475.13	475.94
20	477.71	475.11	475.35	482.75	475.10	476.88	482.73	475.11	479.31	482.19	475.13	476.15
21	481.25	475.10	476.31	482.01	475.10	476.73	482.71	475.10	477.54	480.28	475.13	476.18
22	482.71	475.10	476.38	481.60	475.10	476.86	481.75	475.11	476.15	479.18	475.13	476.00
23	481.04	475.10	476.06	482.43	475.10	475.99	482.64	475.10	476.64	482.16	475.14	476.27
24	480.12	475.11	476.21	478.97	475.11	475.61	482.64	475.10	476.63	481.26	475.13	476.23
25	481.31	475.11	476.24	480.67	475.12	477.25	482.68	475.10	476.64	475.15	475.13	475.14
26	479.44	475.10	475.61	481.26	475.10	477.07	482.70	475.10	477.04	478.58	475.13	475.31
27	477.09	475.11	475.21	482.75	475.09	477.24	482.66	475.11	476.81	482.72	475.13	476.56
28	482.36	475.11	476.46	482.48	475.10	477.31	479.05	475.11	476.30	482.29	475.14	476.47
29	479.85	475.11	476.92	482.74	475.09	477.10	479.51	475.11	476.01	482.65	475.14	476.39
30	478.73	475.11	476.05	475.11	475.09	475.10	482.69	475.11	476.99	482.19	475.14	476.68
31	482.37	475.11	476.45	---	---	---	482.68	475.11	477.12	482.64	475.14	476.17
MONTH	482.71	475.10	476.23	482.75	475.09	476.45	482.74	475.09	476.84	482.77	475.11	476.38

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	477.26	475.14	475.34	481.56	476.08	477.16	481.36	475.05	477.30	481.54	475.06	478.36
2	475.15	475.14	475.15	481.81	477.08	477.89	480.08	475.04	476.64	481.53	475.05	478.17
3	480.94	475.14	476.50	482.94	477.39	479.10	480.12	475.04	476.26	480.38	475.05	477.21
4	479.93	475.14	476.22	482.99	477.12	478.96	480.75	475.04	476.40	480.34	475.05	476.73
5	482.05	475.14	476.76	482.98	477.21	478.87	475.07	475.04	475.05	481.50	475.05	477.71
6	482.48	475.15	476.41	482.93	477.14	478.70	475.05	475.04	475.04	480.19	475.05	477.30
7	482.30	475.14	476.39	482.96	476.69	478.50	480.43	475.04	476.37	480.42	475.05	477.22
8	475.18	475.15	475.15	481.47	476.33	477.28	481.49	475.04	476.45	481.10	475.04	477.26
9	475.15	475.15	475.15	478.63	475.85	476.83	479.39	475.04	476.03	480.41	475.04	477.23
10	481.99	475.07	476.64	482.57	475.58	477.77	479.67	475.04	476.32	480.14	475.04	476.27
11	481.07	475.07	476.83	482.64	475.44	478.79	478.82	475.05	476.07	480.21	475.04	476.01
12	481.22	475.07	476.47	482.69	475.44	479.16	479.81	475.05	476.19	481.50	475.04	476.75
13	480.14	475.08	476.51	482.68	476.88	479.29	480.14	475.04	476.06	480.96	475.05	476.78
14	479.77	475.08	476.58	482.69	475.35	479.04	481.52	475.04	476.64	481.52	475.04	476.64
15	475.19	475.09	475.12	480.66	475.29	476.87	481.52	475.05	476.87	481.41	475.04	476.89
16	475.35	475.18	475.26	479.11	475.44	476.68	481.02	475.05	476.85	481.51	475.04	476.37
17	481.11	475.25	477.01	481.60	475.50	478.43	481.51	475.05	476.77	475.07	475.04	475.05
18	481.36	475.26	476.72	481.59	475.39	478.24	481.54	475.04	476.90	476.95	475.04	475.23
19	481.20	475.28	476.70	481.59	475.39	478.79	481.34	475.04	476.46	480.91	475.04	476.65
20	480.05	475.28	476.47	481.63	475.37	478.52	481.05	475.05	476.57	480.32	475.04	476.71
21	480.38	475.27	476.72	481.60	475.19	478.70	481.15	475.05	476.78	481.50	475.05	477.32
22	478.18	475.39	475.68	481.56	475.15	476.86	478.73	475.05	476.70	481.53	475.04	477.05
23	477.26	475.47	475.73	480.06	475.38	477.22	481.52	475.05	477.66	481.57	475.05	477.31
24	482.70	475.36	477.28	481.64	475.43	478.83	480.88	475.05	478.25	481.57	475.05	477.26
25	481.71	475.36	477.41	481.63	475.30	478.97	480.39	475.05	477.12	481.62	475.05	477.15
26	482.48	475.23	476.79	481.72	475.16	478.44	477.30	475.05	475.26	481.60	475.17	477.27
27	482.47	475.19	477.67	484.64	475.11	478.29	477.32	475.05	475.45	481.66	475.42	477.91
28	482.76	475.32	477.26	481.62	475.07	478.09	481.52	475.05	478.31			

SAVANNAH RIVER BASIN
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, Mar. 17, 18, Apr. 2, 3, May 31, June 1 - 3, June 14 - 30, July 1 - 9, 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 Mar. 1 - 10, May 28.

AVERAGE DISCHARGE.--5 years (water years 1985 - 89), 2,993 ft³/s, 19.45 in/yr.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4110	3540	73	3440	489	---	6020	9410	5600	4400	4480	23
2	3930	65	7470	7200	86	---	3700	9160	4100	3730	1420	4960
3	4480	64	5180	7180	3700	---	2900	5810	7500	3710	841	5210
4	2610	5920	4160	71	2740	---	3310	4540	5760	3010	4220	4540
5	1210	4370	3470	70	4710	---	58	7400	7340	200	4590	3640
6	1160	4390	5320	4560	3420	---	57	6340	7480	510	4680	22
7	2910	5070	709	6200	3650	---	3350	5960	5170	3900	3240	22
8	3540	3970	1210	5420	85	---	3990	6150	4510	3450	3330	4420
9	3950	63	4980	4690	83	---	2570	6030	5430	3750	828	2780
10	3450	1860	7770	5500	4310	---	3250	3220	6290	4460	1180	3160
11	4430	4350	9180	3610	4800	11100	2520	2660	6500	3540	4450	3580
12	2550	5350	6260	1880	3570	12600	2820	4800	6230	2530	3950	2900
13	3440	5290	8560	4660	3600	12700	2550	4620	6390	2440	4150	22
14	2660	5060	1950	4800	3910	11700	4680	4550	50	4990	4350	21
15	3230	3640	1130	3330	72	4410	4950	5450	50	5250	3950	4010
16	4180	2240	5600	3190	187	3810	4870	3740	6900	4670	3280	3600
17	2840	1900	5600	4660	5230	10100	4670	57	6500	5440	3000	4290
18	3020	4460	8100	4420	4200	9700	5310	400	6500	5540	5000	5260
19	2910	4830	8090	2070	4250	11000	4030	4630	6380	24	3680	3760
20	571	5130	13200	3200	3240	9930	3790	4650	6100	24	3480	2310
21	3330	4690	7070	2720	4170	11000	4360	6510	3200	5260	4060	230
22	3710	4890	3180	2290	906	4810	3890	5970	2070	4140	2290	3120
23	2520	2780	4510	3210	887	5500	7420	6700	5440	4390	198	3770
24	2960	1310	4560	3030	6070	11400	9200	6280	6500	3990	23	3660
25	3210	5870	4430	79	6550	11900	4940	6360	6400	3240	4680	3690
26	1240	5650	5710	460	4600	10100	469	6400	6500	2750	3490	2730
27	266	6530	4930	4220	4900	9890	881	8440	6350	2090	4030	20
28	3980	6820	2920	3700	6050	8920	9460	---	100	6220	4520	685
29	4790	6330	2170	3800	---	3690	9280	6250	120	5490	4050	3440
30	2450	62	5790	4450	---	4400	10300	4260	3800	5320	23	4160
31	3750	---	6220	2940	---	5950	---	5000	---	4730	641	---
TOTAL	93387	116494	159502	111050	90465	---	129595	---	151260	113188	96104	84035
MEAN	3012	3883	5145	3582	3231	---	4320	---	5042	3651	3100	2801
MAX	4790	6820	13200	7200	6550	---	10300	---	7500	6220	5000	5260
MIN	266	62	73	70	72	---	57	---	50	24	23	20
CFSM	1.44	1.86	2.46	1.71	1.55	---	2.07	---	2.41	1.75	1.48	1.34
IN.	1.66	2.07	2.84	1.98	1.61	---	2.31	---	2.69	2.01	1.71	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1997, BY WATER YEAR (WY)

MEAN	2806	2850	3873	3125	2649	2438	3791	3052	3213	3453	3557	3191
MAX	3950	5219	7267	5075	3782	3155	8188	5805	5042	5647	4281	3898
(WY)	1988	1990	1990	1985	1985	1985	1993	1993	1997	1987	1995	1990
MIN	1904	1865	2073	2132	2101	1910	2113	1955	2069	1776	2209	2217
(WY)	1989	1987	1989	1989	1986	1986	1989	1988	1989	1989	1988	1988

SUMMARY STATISTICS

FOR 1997 WATER YEAR

WATER YEARS 1985 - 1997

LOWEST DAILY MEAN	* 20	Sep 27	* 10	Apr 28 1996
INSTANTANEOUS PEAK FLOW	39000	Mar 27	Unknown	Aug 17 1994
INSTANTANEOUS PEAK STAGE	12.80	Mar 27	17.18	Aug 17 1994

* May have been less during periods of backwater.

SAVANNAH RIVER BASIN
02187910 ROCKY RIVER NEAR STARR, SC

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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, Oct. 1 - 3, Feb. 28 to Mar. 4, July 25 - 28, Sept. 29 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	106	195	250	82	110	860	101	184	238	71	100	33
2	101	390	466	127	106	390	95	165	197	70	70	33
3	92	199	270	80	165	225	141	429	158	67	62	33
4	74	126	166	79	106	270	94	472	102	62	58	32
5	70	96	138	96	129	181	92	249	73	58	69	30
6	63	82	128	164	225	229	172	208	72	56	73	30
7	162	81	117	116	113	239	111	125	71	54	75	29
8	91	174	112	80	169	132	90	109	73	54	50	29
9	64	193	110	531	265	129	87	112	73	55	47	29
10	55	123	111	764	146	136	87	111	92	55	48	34
11	53	94	110	233	118	137	91	106	89	54	49	45
12	54	83	100	176	156	181	130	103	160	54	48	42
13	54	76	243	218	299	173	108	100	128	52	48	40
14	54	74	140	155	549	207	101	97	132	51	55	37
15	54	74	95	106	738	149	96	121	383	49	58	36
16	54	93	82	176	442	127	94	82	227	47	49	35
17	54	85	83	184	193	182	93	78	190	47	46	34
18	55	82	82	150	228	133	91	78	146	46	43	34
19	55	91	86	134	171	151	89	79	84	49	42	33
20	55	86	80	181	167	158	90	95	74	47	40	33
21	55	83	71	122	165	126	153	90	73	45	53	32
22	54	84	69	127	254	123	129	83	74	45	48	31
23	55	84	68	117	157	122	193	78	74	128	43	31
24	55	82	69	201	146	158	118	75	75	172	41	34
25	55	79	69	601	218	113	112	91	74	110	39	241
26	54	99	67	572	134	141	102	83	70	80	38	122
27	55	92	65	260	136	116	155	81	70	65	37	69
28	58	89	67	170	775	206	614	85	106	60	37	61
29	59	81	72	194	---	152	691	93	96	55	36	76
30	58	79	76	126	---	134	280	146	77	107	36	64
31	58	---	79	196	---	182	---	86	---	218	34	---
TOTAL	2036	3349	3741	6518	6580	5962	4600	4094	3551	2183	1572	1442
MEAN	65.7	112	121	210	235	192	153	132	118	70.4	50.7	48.1
MAX	162	390	466	764	775	860	691	472	383	218	100	241
MIN	53	74	65	79	106	113	87	75	70	45	34	29
CFSM	.59	1.01	1.09	1.89	2.12	1.73	1.38	1.19	1.07	.63	.46	.43
IN.	.68	1.12	1.25	2.18	2.21	2.00	1.54	1.37	1.19	.73	.53	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)

	MEAN	115	130	150	237	245	242	155	113	96.0	67.5	127	75.1
MAX	177	259	363	473	355	474	257	170	134	87.7	348	138	
(WY)	1990	1993	1993	1993	1990	1993	1993	1993	1993	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	

SUMMARY STATISTICS

FOR 1997 WATER YEAR

WATER YEARS 1989 - 1997

ANNUAL TOTAL	45628		
ANNUAL MEAN	125		145
HIGHEST ANNUAL MEAN			221
LOWEST ANNUAL MEAN			107
HIGHEST DAILY MEAN	860	Mar 1	3770
LOWEST DAILY MEAN	29	* Sep 7	25
ANNUAL SEVEN-DAY MINIMUM	30	Sep 3	26
INSTANTANEOUS PEAK FLOW	1520	Feb 28	5100
INSTANTANEOUS PEAK STAGE	** 11.40	Feb 28	16.63
ANNUAL RUNOFF (CFSM)	1.13		1.31
ANNUAL RUNOFF (INCHES)	15.29		17.75
10 PERCENT EXCEEDS	221		253
50 PERCENT EXCEEDS	91		92
90 PERCENT EXCEEDS	45		47

*Also occurred on Sept. 8, 9.

**From flood mark.

SAVANNAH RIVER BASIN
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, 478.17 ft, Mar. 3; minimum, 472.28 ft, Dec. 27.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	473.95	474.38	475.13	472.82	474.53	477.55	474.21	474.11	475.52	475.01	474.41	474.41
2	473.61	474.39	475.15	472.73	474.58	478.02	474.11	473.89	475.28	474.80	474.51	474.33
3	473.60	474.32	474.90	472.83	474.56	477.95	474.00	474.25	475.18	474.62	474.53	474.23
4	473.42	474.28	474.77	472.85	474.42	477.84	474.00	474.19	475.01	474.33	474.32	474.27
5	473.61	474.50	474.45	472.93	474.58	477.79	474.02	474.30	474.86	474.28	474.26	474.39
6	474.00	474.58	474.33	472.95	474.42	477.64	474.08	474.15	474.81	474.34	474.39	474.39
7	474.09	474.70	474.22	473.21	474.37	477.41	474.18	474.20	474.84	474.17	474.37	474.38
8	473.66	475.02	474.15	473.46	474.40	476.83	474.34	474.15	474.79	474.06	474.31	474.31
9	473.88	474.83	473.88	473.92	474.37	476.34	474.32	474.11	474.64	473.94	474.39	474.10
10	473.93	474.74	473.89	474.12	474.39	475.93	474.31	474.39	474.54	473.77	474.41	474.00
11	474.08	474.71	474.10	474.44	474.44	475.85	474.38	474.62	474.46	473.53	474.27	473.93
12	474.14	474.65	474.17	474.67	474.35	475.78	474.43	474.56	474.50	473.67	474.08	473.80
13	474.09	474.71	474.49	474.89	474.57	475.65	474.43	474.48	474.56	473.88	474.08	473.81
14	473.58	474.72	474.55	474.98	474.90	475.51	474.31	474.42	474.64	473.85	474.04	473.81
15	473.22	474.56	474.54	474.87	475.35	475.72	474.30	474.26	474.72	473.84	474.03	473.69
16	473.45	474.60	474.68	475.11	475.53	475.86	474.28	474.03	474.97	473.82	474.12	473.55
17	473.67	474.62	474.60	474.94	475.67	475.88	474.26	474.06	475.15	473.74	474.25	473.46
18	473.83	474.66	474.78	474.78	475.68	475.74	474.17	473.89	475.31	473.75	474.33	473.46
19	474.28	474.77	474.41	474.70	475.64	475.69	474.14	473.80	475.47	473.74	474.32	473.28
20	474.43	474.84	474.21	474.49	475.58	475.53	474.18	473.75	475.41	473.73	474.28	473.40
21	474.53	474.79	473.74	474.34	475.68	475.35	474.18	473.98	475.61	473.82	474.43	473.39
22	474.40	474.77	473.55	474.22	475.79	475.69	474.39	474.20	475.43	473.83	474.45	473.30
23	474.25	475.01	473.30	474.27	475.86	475.87	474.42	474.32	475.36	473.99	474.43	473.33
24	474.11	475.05	473.01	474.30	475.66	475.75	474.42	474.84	475.46	473.90	474.42	473.58
25	474.18	474.87	472.74	474.43	475.56	475.71	474.23	475.40	475.40	473.84	474.53	473.90
26	474.60	474.94	472.63	474.51	475.37	475.23	474.29	475.79	475.34	474.07	474.60	473.84
27	474.45	474.81	472.45	474.52	475.56	475.00	474.50	476.11	475.39	474.04	474.69	473.90
28	474.49	474.78	472.74	474.66	476.36	474.61	474.76	476.03	475.40	473.93	474.69	473.97
29	474.55	474.78	472.96	474.58	---	474.57	474.71	475.91	475.40	473.81	474.70	473.89
30	474.37	474.79	472.71	474.56	---	474.61	474.25	475.55	475.15	473.92	474.61	473.91
31	474.50	---	472.73	474.46	---	474.42	---	475.51	---	474.23	474.58	---
MAX	474.60	475.05	475.15	475.11	476.36	478.02	474.76	476.11	475.61	475.01	474.70	474.41
MIN	473.22	474.28	472.45	472.73	474.35	474.42	474.00	473.75	474.46	473.53	474.03	473.22

[illegible]

SAVANNAH RIVER BASIN
02189005 RICHARD B. RUSSELL LAKE TAILRACE NEAR CALHOUN FALLS, SC

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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, 33.41 ft, Feb. 6, 1996; minimum, 23.22 ft, Oct. 27, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 32.40 ft, Apr. 1; minimum, 23.22 ft, Oct. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.77	25.45	25.98	24.56	23.77	24.10	25.64	25.34	25.51	28.90	28.60	28.75
2	27.11	26.13	26.46	24.43	23.81	24.04	26.51	25.42	25.86	29.24	28.47	28.80
3	27.19	26.12	26.54	24.13	23.80	23.98	26.86	25.72	26.27	29.32	28.61	28.88
4	27.09	26.08	26.52	24.49	23.55	24.01	26.96	26.04	26.47	29.17	28.85	28.96
5	26.74	25.87	26.34	24.24	23.76	23.99	27.03	26.16	26.62	28.98	28.81	28.90
6	26.46	25.49	26.08	24.34	23.68	23.97	27.24	26.22	26.74	29.23	28.59	28.85
7	26.49	25.38	25.87	24.18	23.80	23.97	26.93	26.43	26.72	29.00	28.61	28.82
8	26.84	25.66	26.08	24.28	23.82	24.08	26.93	26.23	26.63	28.98	28.51	28.79
9	26.64	25.36	25.98	24.41	23.92	24.17	27.06	26.20	26.66	29.58	28.81	29.21
10	---	---	---	24.32	23.89	24.16	27.31	26.18	26.81	30.05	29.45	29.77
11	---	---	---	24.71	23.90	24.26	27.46	26.55	26.96	30.08	29.71	29.99
12	---	---	---	24.75	24.06	24.35	27.59	26.61	27.10	29.97	29.46	29.76
13	---	---	---	24.91	24.00	24.39	27.68	26.83	27.19	29.54	29.10	29.34
14	---	---	---	24.99	24.14	24.48	27.55	27.01	27.30	29.18	28.62	28.96
15	25.82	24.81	25.33	25.13	24.15	24.56	27.29	26.95	27.18	28.92	28.44	28.67
16	25.71	24.69	25.25	24.67	24.17	24.51	27.39	26.82	27.15	28.75	28.32	28.56
17	25.38	24.38	25.03	24.54	24.24	24.42	27.61	26.82	27.20	28.85	28.34	28.58
18	25.55	24.25	24.79	24.99	24.17	24.44	27.83	26.88	27.32	28.99	28.27	28.69
19	25.42	24.14	24.57	25.03	24.10	24.52	27.88	26.97	27.46	28.93	28.53	28.72
20	24.77	23.82	24.42	24.98	24.29	24.61	28.06	27.43	27.70	29.11	28.45	28.70
21	24.76	23.85	24.26	25.15	24.33	24.71	28.24	27.61	27.94	29.15	28.41	28.77
22	24.71	23.98	24.28	25.28	24.40	24.77	28.29	27.71	27.94	29.08	28.44	28.74
23	24.90	23.92	24.29	25.04	24.68	24.82	28.41	27.68	28.06	28.88	28.40	28.66
24	25.10	23.96	24.35	24.85	24.51	24.73	28.53	27.79	28.12	29.14	28.42	28.69
25	25.19	23.81	24.28	25.18	24.44	24.82	28.75	27.97	28.33	28.82	28.52	28.65
26	24.48	23.89	24.16	25.38	24.57	24.89	28.83	28.06	28.43	28.66	28.51	28.61
27	24.25	23.22	24.05	25.64	24.62	25.08	28.99	28.15	28.57	28.84	28.39	28.61
28	24.29	23.37	23.85	25.77	24.93	25.25	28.73	28.46	28.59	28.88	28.43	28.65
29	24.42	23.44	23.87	25.87	25.00	25.36	28.60	28.34	28.51	28.93	28.37	28.65
30	24.64	23.52	23.94	25.67	25.21	25.38	28.90	28.17	28.54	28.91	28.39	28.69
31	24.95	23.59	23.94	---	---	---	28.96	28.30	28.68	28.89	28.36	28.70
MONTH	27.19	23.22	25.02	25.87	23.55	24.49	28.99	25.34	27.37	30.08	28.27	28.87

SAVANNAH RIVER BASIN
02189005 RICHARD B. RUSSELL LAKE TAILRACE NEAR CALHOUN FALLS, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	28.84	28.61	28.70	30.50	29.47	30.05	32.40	31.53	31.88	31.16	30.62	30.95
2	28.68	28.51	28.61	31.28	30.50	30.96	---	---	---	31.11	30.70	30.86
3	28.68	28.26	28.50	31.89	31.15	31.53	32.01	31.19	31.64	31.20	30.77	30.95
4	28.68	28.17	28.46	32.09	31.21	31.69	31.79	31.11	31.55	31.69	31.08	31.35
5	28.63	28.18	28.44	32.01	31.04	31.58	31.57	31.33	31.42	31.76	31.30	31.52
6	28.57	28.14	28.37	31.77	30.88	31.33	31.40	31.19	31.32	31.79	31.19	31.52
7	28.55	28.14	28.36	31.48	30.53	31.06	31.26	30.74	31.08	31.66	31.17	31.48
8	28.61	28.26	28.44	31.06	30.34	30.73	31.13	30.64	30.90	31.51	31.04	31.31
9	28.57	28.33	28.47	30.61	29.86	30.24	30.86	30.21	30.65	31.49	31.02	31.26
10	28.64	28.17	28.44	30.32	29.54	29.90	30.70	30.07	30.44	31.26	31.07	31.20
11	28.67	28.24	28.45	30.01	29.20	29.62	30.45	29.88	30.17	31.16	30.97	31.11
12	28.66	28.17	28.44	30.15	29.09	29.65	30.10	29.82	29.98	31.12	30.70	31.00
13	28.85	28.17	28.49	30.48	29.71	30.10	30.09	29.71	29.95	31.26	30.73	31.03
14	29.44	28.66	29.00	30.64	30.08	30.36	30.32	29.75	29.96	31.25	30.68	31.02
15	30.13	29.44	29.83	30.59	30.17	30.45	30.33	29.76	30.01	31.11	30.72	30.89
16	30.58	30.13	30.38	30.53	30.18	30.38	30.40	29.83	30.11	31.05	30.71	30.93
17	30.92	30.36	30.63	30.95	29.99	30.46	30.36	29.72	30.05	31.06	30.79	30.93
18	31.01	30.41	30.77	31.00	30.15	30.59	30.55	29.85	30.19	30.90	30.66	30.82
19	31.05	30.54	30.81	31.11	30.36	30.72	30.32	29.98	30.18	30.91	30.46	30.75
20	31.02	30.40	30.72	31.35	30.62	30.93	30.43	30.10	30.26	30.92	30.46	30.75
21	30.64	30.27	30.47	31.46	30.78	31.10	30.43	30.00	30.24	30.81	30.41	30.70
22	30.44	29.99	30.23	31.37	30.92	31.12	30.74	30.08	30.33	30.82	30.43	30.72
23	30.10	29.70	29.96	31.16	30.71	31.02	30.61	30.10	30.36	30.88	30.35	30.68
24	30.07	29.11	29.64	31.41	30.65	31.04	30.52	30.01	30.33	30.79	30.55	30.65
25	29.88	29.06	29.44	31.48	30.68	31.06	30.56	29.88	30.16	30.62	30.45	30.56
26	29.70	28.96	29.31	31.49	30.78	31.21	30.18	29.48	29.81	30.53	30.29	30.43
27	29.43	28.72	29.09	31.81	31.10	31.48	29.70	29.44	29.55	30.56	30.16	30.39
28	29.74	28.76	29.15	31.92	31.23	31.57	30.61	29.65	30.02	30.54	30.16	30.39
29	---	---	---	31.82	31.47	31.63	31.08	30.33	30.72	30.64	30.14	30.37
30	---	---	---	31.96	31.47	31.71	31.16	30.69	30.94	30.81	30.32	30.49
31	---	---	---	32.17	31.37	31.69	---	---	---	30.73	30.28	30.53
MONTH	31.05	28.14	29.27	32.17	29.09	30.87	32.40	29.44	30.49	31.79	30.14	30.89
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	30.82	30.47	30.66	30.36	30.15	30.27	30.18	29.86	30.00	26.08	25.70	25.97
2	31.24	30.67	30.85	30.38	30.06	30.27	30.03	29.85	29.96	26.25	25.66	25.93
3	31.35	30.80	31.06	30.37	30.09	30.26	29.91	29.70	29.86	26.39	25.89	26.04
4	31.38	31.09	31.24	30.43	30.17	30.29	30.07	29.64	29.82	26.25	25.77	26.04
5	31.76	31.17	31.41	30.38	30.14	30.29	29.92	29.32	29.68	26.13	25.82	25.97
6	---	---	---	30.25	30.06	30.16	29.69	29.29	29.51	25.97	25.78	25.90
7	---	---	---	30.23	29.79	30.06	29.52	29.08	29.34	25.81	25.65	25.77
8	---	---	---	30.21	29.90	30.08	29.47	29.02	29.22	26.00	25.39	25.68
9	31.76	31.33	31.62	30.24	29.91	30.07	29.15	28.86	29.04	26.00	25.57	25.74
10	31.65	31.12	31.43	30.27	29.95	30.12	28.97	28.66	28.86	26.16	25.42	25.81
11	31.49	30.81	31.26	30.30	30.03	30.17	28.88	28.49	28.70	25.99	25.68	25.83
12	31.31	30.80	31.09	30.29	30.10	30.19	29.00	28.43	28.69	26.12	23.99	25.88
13	31.31	30.56	30.98	30.14	29.98	30.09	28.83	28.33	28.61	25.95	25.72	25.84
14	31.05	30.80	30.94	30.10	29.76	29.97	28.85	28.24	28.52	25.83	25.58	25.70
15	30.90	30.82	30.87	30.03	29.59	29.90	28.51	28.22	28.40	26.02	25.23	25.61
16	31.10	30.68	30.86	30.01	29.55	29.86	28.35	28.15	28.27	25.75	25.25	25.56
17	31.03	30.68	30.88	29.97	29.59	29.83	28.31	27.98	28.15	26.05	25.21	25.64
18	30.98	30.75	30.89	29.94	29.63	29.78	28.33	27.72	27.98	26.15	25.30	25.69
19	31.00	30.63	30.87	29.89	29.64	29.77	28.10	27.56	27.84	26.13	25.39	25.71
20	30.99	30.72	30.88	29.71	29.50	29.65	27.82	27.50	27.71	25.77	25.41	25.66
21	30.97	30.65	30.85	29.68	29.32	29.51	27.75	27.29	27.59	25.65	25.41	25.54
22	30.83	30.45	30.66	29.61	29.20	29.45	27.50	27.14	27.36	25.57	25.06	25.41
23	30.64	30.38	30.56	29.71	29.02	29.42	27.30	27.06	27.20	25.97	25.01	25.47
24	30.71	30.26	30.54	29.75	29.32	29.59	27.09	26.84	27.01	25.52	25.20	25.38
25	30.61	30.32	30.48	29.92	29.54	29.73	26.94	26.50	26.79	25.90	25.38	25.64
26	30.70	30.25	30.47	29.77	29.62	29.72	26.81	26.34	26.62	26.10	25.75	25.95
27	30.59	30.31	30.46	29.70	29.48	29.62	26.58	26.18	26.47	26.23	26.03	26.13
28	30.58	30.37	30.49	30.00	29.48	29.68	26.60	25.96	26.35	26.24	26.06	26.16
29	30.42	30.28	30.37	30.09	29.53	29.77	26.76	25.86	26.32	26.38	25.87	26.15
30	30.45	30.12	30.28	30.04	29.72	29.85	26.31	26.05	26.20	26.48	25.80	26.21
31	---	---	---	30.10	29.76	29.92	26.18	25.94	26.10	---	---	---
MONTH	31.76	30.12	30.85	30.43	29.02	29.91	30.18	25.86	28.13	26.48	23.99	25.80
YEAR	32.40	23.22	28.52									

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MEAN	102	166	201	313	380	461	289	181	124	140	133	87.3
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
02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1940 - 1997	
ANNUAL TOTAL	100347		91268		214	
ANNUAL MEAN	274		250		456	1964
HIGHEST ANNUAL MEAN					51.7	1988
LOWEST ANNUAL MEAN					15200	Aug 14 1940
HIGHEST DAILY MEAN	5840	Mar 7	4920	Mar 1	1.0	Oct 8 1954
LOWEST DAILY MEAN	53	Jul 20	22	Sep 23	1.1	Aug 27 1988
ANNUAL SEVEN-DAY MINIMUM	60	Aug 19	26	Sep 17	* 20800	Aug 14 1940
INSTANTANEOUS PEAK FLOW			5300	Mar 1	29.60	Aug 14 1940
INSTANTANEOUS PEAK STAGE			17.47	Mar 1	.70	Oct 9 1954
INSTANTANEOUS LOW FLOW			21	Sep 22	.98	
ANNUAL RUNOFF (CFSM)	1.26		1.15		13.37	
ANNUAL RUNOFF (INCHES)	17.20		15.65		373	
10 PERCENT EXCEEDS	473		401		108	
50 PERCENT EXCEEDS	161		152		38	
90 PERCENT EXCEEDS	70		42			

* From rating curve extended above 13,000 ft³/s.

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EXTREMES FOR CURRENT YEAR.--Maximum elevation, 332.01 ft, Apr. 1; minimum elevation, 323.98 ft, Oct. 28.

INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	326.54	324.37	325.90	329.04	328.87	330.68	332.01	331.24	331.01	330.58	330.28	326.21
2	326.89	324.35	326.35	329.22	328.78	331.49	331.69	331.14	331.17	330.59	330.15	326.28
3	326.91	324.21	326.72	329.24	328.73	331.91	331.54	331.48	331.34	330.60	330.06	326.36
4	326.87	324.31	326.80	329.15	328.67	331.89	331.36	331.78	331.47	330.62	330.02	326.32
5	326.60	324.27	326.95	329.11	328.64	331.75	331.22	331.84	331.64	330.49	329.88	326.2
6	326.34	324.26	327.00	329.14	328.64	331.49	331.13	331.77	331.79	330.35	329.67	326.10
7	326.23	324.27	326.96	329.11	328.58	331.13	330.95	331.67	331.80	330.36	329.53	325.97
8	326.41	324.46	327.02	329.22	328.71	330.74	330.72	331.62	331.82	330.34	329.35	325.98
9	326.22	324.50	327.02	329.90	328.66	330.32	330.49	331.54	331.71	330.44	329.19	326.02
10	325.93	324.55	327.19	330.38	328.73	330.00	330.22	331.36	331.54	330.49	329.04	326.12
11	325.57	324.64	327.33	330.24	328.71	329.77	329.86	331.25	331.37	330.52	328.98	326.14
12	325.43	324.66	327.47	329.81	328.66	329.84	329.90	331.38	331.19	330.43	328.89	326.17
13	325.46	324.75	327.60	329.42	329.02	330.13	329.92	331.32	331.09	330.31	328.81	326.05
14	325.57	324.79	327.54	329.07	329.61	330.50	329.93	331.24	331.03	330.26	328.72	325.92
15	325.62	324.87	327.45	328.77	330.36	330.41	329.98	331.21	331.03	330.16	328.62	325.94
16	325.51	324.81	327.35	328.98	330.74	330.29	330.04	331.24	331.07	330.18	328.50	325.90
17	325.29	324.74	327.49	329.09	330.94	330.46	330.12	331.10	331.06	330.10	328.34	325.95
18	325.10	324.80	327.69	329.08	331.00	330.63	330.15	331.07	331.09	330.09	328.15	325.98
19	324.93	324.85	327.90	328.96	331.05	330.80	330.21	331.05	331.11	330.00	328.04	326.01
20	324.73	324.92	328.18	329.01	330.74	330.99	330.21	331.03	331.13	329.87	327.95	325.88
21	324.61	325.07	328.26	328.98	330.50	331.13	330.21	330.99	330.92	329.78	327.75	325.76
22	324.60	325.16	328.26	328.95	330.29	330.99	330.34	330.93	330.83	329.72	327.58	325.76
23	324.66	325.06	328.34	328.95	329.97	330.97	330.33	330.93	330.79	329.78	327.38	325.71
24	324.66	325.03	328.60	328.90	329.78	330.97	330.17	330.83	330.72	329.99	327.15	325.72
25	324.62	325.18	328.65	328.88	329.63	331.01	329.98	330.73	330.75	330.04	326.98	326.10
26	324.40	325.32	328.81	328.83	329.42	331.37	329.84	330.65	330.75	329.97	326.81	326.39
27	324.35	325.49	328.89	328.90	329.24	331.46	330.00	330.72	330.77	329.90	326.66	326.42
28	324.34	325.63	328.78	328.90	329.77	331.62	330.72	330.72	330.66	329.98	326.60	326.40
29	324.31	325.75	328.69	328.94	---	331.65	331.15	330.74	330.54	330.07	326.55	326.43
30	324.36	325.60	328.91	328.95	---	331.71	331.28	330.79	330.58	330.12	326.44	326.45
31	324.31	---	329.04	328.93	---	331.84	---	330.89	---	330.26	326.32	---
MAX	326.91	325.75	329.04	330.38	331.05	331.91	332.01	331.84	331.82	330.62	330.28	326.45
MIN	324.31	324.21	325.90	328.77	328.58	329.77	329.84	330.65	330.54	329.72	326.32	325.7

[illegible]

SAVANNAH RIVER BASIN
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, 15.45 ft, Feb. 27, 1990; minimum elevation, 2.10 ft, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 13.38 ft, Feb. 22; minimum elevation, 2.66 ft, June 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.38	3.03	5.75	8.65	3.70	5.18	9.29	4.84	6.14	8.48	4.15	5.15
2	10.54	4.69	7.05	9.37	3.69	5.50	10.25	5.73	7.32	8.87	4.84	6.43
3	10.87	3.88	7.28	8.47	4.30	5.87	10.32	6.06	7.21	9.46	5.02	6.83
4	10.30	4.02	7.13	10.07	5.01	6.31	9.98	5.09	6.74	8.81	4.65	5.88
5	10.71	3.35	6.63	8.48	4.88	6.07	10.24	5.65	7.15	7.95	4.24	5.40
6	10.78	3.92	6.34	9.14	4.93	6.16	10.67	5.86	7.48	9.82	4.06	6.24
7	10.51	4.88	7.49	8.33	4.99	6.04	10.54	5.66	7.14	10.54	5.19	7.29
8	11.49	4.88	7.85	8.81	4.98	6.43	9.80	5.50	6.94	10.74	5.72	7.60
9	11.89	5.92	9.13	9.30	5.77	7.00	10.48	5.98	7.67	12.07	6.28	8.51
10	11.44	6.00	9.15	9.71	5.71	7.04	10.30	5.08	6.78	12.09	6.58	8.86
11	11.79	6.06	9.65	9.29	5.58	6.61	9.49	4.25	5.79	10.82	6.09	8.13
12	10.71	4.24	6.94	9.13	5.30	6.86	10.11	3.95	6.13	12.96	6.55	10.77
13	8.68	3.00	5.37	8.98	5.52	6.57	8.93	4.43	5.86	12.25	8.16	11.02
14	10.84	2.68	5.74	9.42	5.38	6.59	9.53	3.89	6.25	12.32	8.06	11.08
15	10.84	3.78	6.73	9.22	5.48	6.48	9.98	4.57	6.59	11.76	7.88	10.33
16	10.87	3.21	6.38	8.27	5.45	6.53	10.38	4.96	7.13	11.01	5.48	8.08
17	11.04	3.85	6.82	8.91	5.73	7.06	10.44	5.16	6.88	11.06	6.03	8.02
18	9.51	5.19	7.22	9.41	5.54	6.76	8.83	4.49	6.09	9.84	5.56	7.46
19	8.80	5.17	6.37	9.20	5.29	6.28	10.11	4.65	7.11	9.58	5.07	6.88
20	8.84	4.54	6.17	8.46	4.91	5.86	11.29	6.27	8.33	10.30	5.26	6.76
21	10.22	3.44	5.49	9.97	4.77	6.18	11.57	4.79	8.29	10.45	4.67	6.77
22	9.47	3.79	5.57	9.40	5.29	6.30	9.95	5.53	7.38	10.53	4.65	6.93
23	9.32	3.17	5.14	9.31	5.03	6.33	10.66	4.78	6.39	10.33	4.34	6.29
24	9.61	4.04	5.45	9.62	5.35	6.17	8.61	4.70	6.29	10.36	3.98	6.37
25	8.55	4.13	5.49	9.02	5.12	6.34	9.76	4.95	6.68	9.32	3.58	5.70
26	7.46	2.89	5.13	8.75	5.63	6.62	8.90	5.17	6.60	9.59	5.35	7.17
27	10.36	2.90	5.35	10.25	5.71	6.94	9.17	4.99	6.53	9.68	5.37	6.85
28	9.63	5.20	6.49	9.40	5.49	6.55	9.10	4.57	6.21	10.32	4.42	6.59
29	8.31	5.12	6.43	8.55	5.44	6.48	10.04	4.16	5.91	10.40	4.88	7.10
30	7.99	4.93	6.19	8.08	5.08	6.19	9.70	4.34	5.60	11.03	5.62	7.98
31	7.31	4.42	5.65	---	---	---	9.49	3.15	5.04	10.56	5.49	7.41
MONTH	11.89	2.68	6.57	10.25	3.69	6.38	11.57	3.15	6.70	12.96	3.58	7.48

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.82	4.87	6.19	11.96	6.45	8.58	8.32	4.97	6.51	12.77	7.45	11.32
2	9.08	5.17	6.59	12.06	6.50	8.75	11.95	5.51	10.17	11.94	7.07	10.78
3	11.08	5.81	7.84	12.58	6.84	9.76	11.94	6.65	9.22	12.18	4.87	7.89
4	10.85	6.19	8.08	12.86	6.30	10.41	11.88	4.91	7.90	12.09	5.18	7.78
5	10.87	5.19	7.62	12.83	8.16	10.87	8.34	5.72	6.89	11.60	6.11	8.62
6	10.66	5.27	7.66	13.27	10.06	12.38	8.72	5.26	6.48	12.07	5.51	9.53
7	10.83	5.73	7.95	13.19	10.88	12.75	12.25	5.03	8.09	11.80	5.61	8.65
8	9.92	5.08	7.21	13.25	12.48	13.13	12.24	6.17	8.92	10.78	5.40	8.65
9	10.19	5.30	7.56	13.32	13.22	13.27	12.20	6.15	9.05	11.66	4.58	8.98
10	10.79	5.83	7.84	13.34	13.01	13.19	12.48	6.26	9.24	10.42	4.63	6.33
11	10.99	5.62	7.83	13.17	12.14	12.83	12.21	6.48	9.80	9.96	3.42	5.61
12	11.76	5.65	7.98	12.63	6.35	9.55	9.87	3.75	6.20	8.91	3.12	5.36
13	11.52	6.08	8.24	11.38	5.40	8.02	9.56	3.85	5.39	10.78	4.35	7.26
14	12.48	6.70	8.96	10.75	5.69	8.02	8.65	4.64	6.52	11.38	5.15	7.67
15	11.53	7.56	8.85	11.92	4.65	7.11	8.13	4.72	5.98	11.46	5.47	8.19
16	11.62	6.75	8.68	11.47	5.82	7.78	10.33	4.40	6.09	10.48	4.54	6.99
17	10.87	5.04	7.20	10.55	4.73	6.98	9.06	3.97	5.47	8.26	4.04	5.96
18	11.18	3.90	7.05	10.83	4.61	7.22	10.30	4.27	6.36	7.77	3.07	5.26
19	11.39	4.38	7.14	10.64	4.83	7.18	9.39	4.40	6.16	10.47	3.63	6.71
20	12.93	5.41	10.35	11.51	4.49	7.36	9.84	3.23	5.29	11.79	4.60	7.50
21	13.10	7.77	11.30	11.22	5.50	7.91	8.60	4.68	6.33	11.30	4.46	7.08
22	13.38	7.96	11.44	10.66	4.28	6.48	10.15	5.06	6.66	10.82	4.06	6.78
23	12.93	7.07	10.44	8.63	4.25	6.51	12.29	5.65	8.16	10.30	4.23	6.94
24	13.19	7.56	11.51	11.73	4.57	8.97	13.02	6.34	10.72	9.66	4.81	6.52
25	12.49	6.62	10.62	11.85	7.38	10.03	12.63	6.41	10.29	8.70	4.94	6.53
26	12.86	6.69	10.52	12.08	6.01	9.38	9.50	4.88	6.82	8.56	5.05	6.67
27	12.96	6.27	10.56	12.02	6.20	9.96	9.29	3.97	5.99	10.20	4.22	6.38
28	12.95	6.35	10.62	11.89	6.21	9.48	9.63	4.44	6.59	11.17	3.78	6.82
29	---	---	---	8.96	4.31	6.04	11.87	6.33	9.57	9.44	4.99	7.05
30	---	---	---	9.22	4.77	6.29	13.13	8.21	11.81	10.98	5.31	7.24
31	---	---	---	9.33	5.28	6.70	---	---	---	9.81	5.02	6.69
MONTH	13.38	3.90	8.71	13.34	4.25	9.13	13.13	3.23	7.62	12.77	3.07	7.41
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN

**SAVANNAH RIVER BASIN
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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2950	48	529	137	405	8140	251	464	91	76	2290	16
2	1850	53	1860	134	322	4190	223	333	114	60	427	14
3	437	68	694	131	274	1130	211	1370	116	66	198	11
4	239	90	298	127	248	733	202	2870	106	62	133	9.9
5	151	66	218	153	234	554	194	956	89	47	103	10
6	112	59	184	373	229	497	187	445	76	39	87	11
7	100	87	176	297	211	489	191	333	67	32	77	11
8	1520	134	196	271	966	388	194	272	63	30	67	12
9	1150	456	202	4590	1280	343	177	236	62	165	60	12
10	366	277	164	4580	569	322	166	208	58	109	64	13
11	216	156	140	1290	421	303	159	185	53	57	85	12
12	159	126	132	576	358	285	162	169	49	73	83	10
13	125	106	220	420	657	269	183	159	119	51	67	29
14	104	91	349	347	5440	1440	190	151	248	37	55	21
15	90	85	236	305	9260	1510	162	137	188	29	48	16
16	80	77	179	1710	4510	670	150	121	180	25	42	13
17	72	75	164	1390	1240	432	145	112	113	53	38	12
18	66	74	167	593	719	361	138	105	93	93	34	10
19	60	88	318	415	555	327	133	101	101	59	29	9.5
20	57	111	446	349	468	315	142	95	100	41	26	9.1
21	57	106	268	310	465	305	155	90	76	30	25	8.8
22	57	95	204	280	2430	288	167	87	85	25	21	7.7
23	59	101	177	260	1390	269	331	81	249	27	24	7.5
24	57	94	166	248	664	241	378	76	115	1400	22	7.2
25	54	89	163	370	498	225	274	74	77	587	20	174
26	51	85	162	572	432	730	208	74	63	222	17	611
27	51	92	150	368	429	897	193	86	52	124	16	233
28	48	93	147	301	1300	426	2430	118	105	86	17	120
29	46	86	145	360	---	489	2730	125	126	80	16	92
30	49	82	140	368	---	399	879	103	98	538	14	79
31	48	---	139	560	---	304	---	91	---	1860	13	---
TOTAL	10481	3250	8733	22185	35974	27271	11305	9827	3132	6183	4218	1601.7
MEAN	338	108	282	716	1285	880	377	317	104	199	136	53.4
MAX	2950	456	1860	4590	9260	8140	2730	2870	249	1860	2290	611
MIN	46	48	132	127	211	225	133	74	49	25	13	7.2
CFSM	.62	.20	.52	1.31	2.36	1.61	.69	.58	.19	.37	.25	.10
IN.	.72	.22	.60	1.51	2.46	1.86	.77	.67	.21	.42	.29	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1997, BY WATER YEAR (WY)

	205	239	392	761	879	1041	616	276	199	189	194	93.8
MEAN	205	239	392	761	879	1041	616	276	199	189	194	93.8
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

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SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1930 - 1997	
ANNUAL TOTAL	155147		144160.7		416	
ANNUAL MEAN	424		395		959	1964
HIGHEST ANNUAL MEAN					119	1988
LOWEST ANNUAL MEAN					31700	Aug 14 1940
HIGHEST DAILY MEAN	11100	Feb 3	9260	Feb 15		
LOWEST DAILY MEAN	22	** Jul 26	7.2	Sep 24	.00 *	Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	28	Jul 21	8.5	Sep 18	.00	Sep 24 1954
INSTANTANEOUS PEAK FLOW			10500	Feb 15	35100	Aug 14 1940
INSTANTANEOUS PEAK STAGE			24.41	Feb 15	41.08	Aug 14 1940
ANNUAL RUNOFF (CFSM)	.78		.72		.76	
ANNUAL RUNOFF (INCHES)	10.59		9.84		10.36	
10 PERCENT EXCEEDS	776		723		825	
50 PERCENT EXCEEDS	166		145		109	
90 PERCENT EXCEEDS	39		26		16	

* Also occurred on many days in Sept., Oct., Nov., 1954.

** Also occurred on July 27.

SAVANNAH RIVER BASIN
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, 74.11 ft, Feb. 22, Mar. 10; minimum, 67.81 ft, Oct. 5.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69.80	69.93	71.02	69.99	71.01	72.55	71.34	72.83	70.87	---	71.77	71.68
2	71.43	69.96	72.25	71.07	71.33	72.65	72.50	72.55	70.14	---	71.09	71.59
3	70.82	70.47	72.02	71.31	71.86	72.44	72.29	70.77	70.10	---	70.51	71.49
4	70.64	71.09	71.13	70.59	72.09	72.64	70.90	71.48	69.80	---	70.78	71.48
5	69.95	70.83	71.69	---	71.30	72.95	71.62	71.88	69.67	---	71.93	71.42
6	70.01	70.92	71.88	---	71.16	73.55	71.11	72.00	69.59	---	71.53	71.01
7	71.05	70.88	71.70	71.25	71.72	73.70	71.19	71.40	69.54	---	71.13	71.01
8	71.45	71.10	71.54	71.58	70.89	73.88	72.13	71.54	69.69	---	70.77	71.10
9	72.27	71.81	72.12	72.66	71.53	73.93	72.38	71.63	71.40	---	70.70	70.64
10	72.07	71.85	71.41	72.53	71.76	73.99	72.11	70.57	72.34	---	70.50	70.52
11	72.36	71.55	70.17	71.68	71.57	73.88	72.51	69.95	72.52	---	70.43	70.61
12	70.87	71.62	70.16	72.59	71.54	72.55	70.53	69.84	72.91	---	70.82	70.24
13	69.74	71.59	70.23	73.26	72.00	71.35	70.05	70.92	73.03	---	70.91	69.84
14	69.55	71.39	70.07	73.39	72.86	71.57	70.90	71.38	70.91	---	70.90	69.99
15	70.34	71.40	70.68	73.05	73.05	70.94	70.76	71.95	69.71	---	70.82	70.14
16	70.04	71.48	71.13	71.86	72.76	71.64	70.54	70.95	69.79	---	70.96	70.40
17	70.36	71.98	71.09	71.59	71.02	70.58	69.95	70.46	71.44	---	70.52	71.12
18	71.00	71.70	70.59	71.05	70.22	70.68	70.80	69.78	---	---	71.15	70.55
19	71.51	71.30	71.10	70.52	70.45	70.83	70.85	70.31	---	---	70.60	70.75
20	70.45	70.94	72.37	70.66	72.06	70.52	69.78	71.31	70.92	---	70.56	70.58
21	69.77	71.00	71.44	70.43	73.42	71.24	71.05	---	70.99	---	70.91	70.66
22	69.78	71.37	71.14	70.43	73.39	70.48	71.12	---	---	---	71.24	70.89
23	69.43	71.28	70.66	70.20	72.82	70.70	71.90	71.01	---	---	71.19	70.90
24	69.93	71.30	70.99	69.98	73.08	71.40	72.75	71.39	---	---	71.28	71.43
25	70.07	71.25	71.19	69.87	72.72	72.68	72.54	71.37	---	---	71.25	71.42
26	69.58	71.66	71.31	71.59	72.59	72.13	70.69	71.53	---	---	71.51	70.79
27	69.62	71.82	71.25	71.12	72.59	72.61	69.85	70.78	---	---	71.19	69.98
28	71.31	71.43	70.79	70.41	72.67	72.35	70.86	70.62	70.80	70.55	71.39	69.97
29	71.26	71.39	70.29	71.11	---	70.54	72.97	71.48	70.70	70.59	71.24	70.42
30	71.16	71.21	70.31	71.86	---	70.80	73.42	71.46	---	---	71.64	70.79
31	70.72	---	69.55	71.44	---	71.34	---	71.46	---	---	71.65	---
MAX	72.36	71.98	72.37	73.39	73.42	73.99	73.42	72.83	73.03	70.59	71.93	71.68
MIN	69.43	69.93	69.55	69.87	70.22	70.48	69.78	69.78	69.54	70.55	70.43	69.84

SAVANNAH RIVER BASIN
021964831 SAVANNAH RIVER BELOW STEVENS CREEK DAM NEAR MORGANA, SC

393

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, 46.63 ft, Feb. 22; minimum gage height, 41.72 ft, Jan. 2.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.28	43.56	43.56	43.40	43.77	45.38	43.85	45.70	43.67	---	44.07	43.87
2	44.47	43.69	43.94	43.66	---	45.44	---	45.48	---	---	44.17	43.84
3	44.52	43.70	44.18	43.95	44.23	45.22	---	44.80	---	---	43.77	43.78
4	44.52	43.80	43.94	43.85	44.57	45.33	44.47	44.87	43.68	---	44.29	43.73
5	44.44	43.69	43.94	---	44.38	45.54	44.03	44.90	---	---	44.69	43.74
6	44.27	43.71	44.06	---	44.42	46.00	43.85	45.18	43.64	---	44.79	43.58
7	44.59	43.68	44.13	44.08	44.49	46.19	44.35	45.05	43.59	---	44.74	43.58
8	44.81	43.68	43.95	44.43	44.43	46.32	44.68	45.06	---	---	44.63	43.74
9	45.16	43.81	44.05	44.89	44.47	46.37	44.71	44.96	---	---	44.26	43.75
10	45.09	44.05	44.27	45.51	44.49	46.34	44.73	44.29	---	---	44.02	43.73
11	45.14	43.79	43.80	44.95	44.46	46.22	45.02	43.72	---	---	44.39	43.74
12	44.51	43.66	43.86	45.26	44.43	45.19	44.07	43.60	---	---	44.55	43.74
13	43.91	43.73	43.89	45.48	44.52	44.56	43.50	44.03	---	---	44.53	43.69
14	43.85	43.57	44.06	45.48	45.27	44.71	43.78	44.27	---	---	44.51	43.72
15	44.33	43.51	44.04	45.34	45.72	44.51	43.71	44.42	---	---	44.43	43.94
16	44.24	43.45	44.10	44.88	45.73	44.63	43.66	44.25	---	---	44.17	44.03
17	44.31	43.61	44.12	44.84	44.79	44.23	43.60	43.84	---	---	44.06	43.92
18	44.54	43.77	43.93	44.67	44.36	44.28	43.67	43.61	---	---	44.48	43.89
19	43.71	43.65	43.90	44.43	44.35	44.33	43.67	43.88	44.27	---	44.58	43.84
20	44.10	43.34	44.67	44.22	45.03	44.37	43.52	44.13	44.23	---	44.40	43.84
21	43.89	43.32	44.57	44.18	45.59	44.63	43.55	44.07	44.24	---	44.57	43.56
22	43.93	43.32	44.57	44.26	45.81	44.06	43.81	---	---	---	44.57	43.71
23	43.77	43.32	44.07	44.07	45.60	44.02	44.16	---	---	---	44.09	43.79
24	43.67	43.35	43.74	44.04	45.73	44.69	45.28	43.55	---	44.20	44.18	43.73
25	43.74	43.32	43.91	43.72	45.47	45.21	45.35	43.48	---	---	44.54	44.15
26	43.67	43.38	43.90	44.05	45.36	45.02	44.39	---	---	---	44.58	44.50
27	43.62	43.59	43.85	44.31	45.35	45.26	44.07	43.94	---	---	44.56	43.97
28	43.68	43.66	43.81	44.10	45.41	45.16	44.23	44.02	43.92	---	44.18	43.60
29	43.78	43.64	43.82	44.04	---	44.16	45.02	44.00	---	---	44.11	43.91
30	43.71	43.58	43.73	44.46	---	43.90	45.95	---	---	---	43.76	44.02
31	43.67	---	43.65	44.43	---	43.83	---	---	---	---	43.76	---
MAX	45.16	44.05	44.67	45.51	45.81	46.37	45.95	45.70	44.27	44.20	44.79	44.50
MIN	43.62	43.32	43.56	43.40	43.77	43.83	43.50	43.48	43.59	44.20	43.76	43.56

SAVANNAH RIVER BASIN
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.

GAGE.--Data collection platform. Elevation of gage is 150 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Nov. 14, Jan. 2, June 16, Aug. 20 - 29, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5900	1370	2470	1710	3370	17600	4420	20600	2360	8080	4420	4020
2	7040	3050	4310	2930	2980	18100	12800	18600	2280	8230	4680	3340
3	7260	2370	5510	4980	6340	16100	15500	12400	2520	8100	2010	2290
4	7280	2690	3860	4240	8620	17200	9030	13000	2200	6970	5620	1350
5	6780	2040	3720	3820	7710	19100	5870	13200	2080	5980	8920	1410
6	5770	1960	4920	3860	7660	23200	4210	14600	2030	3680	9520	841
7	8450	1850	5400	5200	8330	24500	7640	12900	1730	4490	8940	791
8	10600	2110	4020	7590	8080	25800	10900	13200	1740	4100	7990	1360
9	13500	2890	4710	12600	8200	26600	11300	12100	6680	3390	5250	1700
10	12800	4240	6040	18400	8260	26400	11500	7390	12700	3020	3510	1200
11	13100	2890	2920	13400	8070	25300	14500	3460	12900	2410	6190	1240
12	7780	1870	3330	16200	7570	15400	6460	2550	15200	1230	7180	1040
13	3780	2240	3810	18400	8840	9630	2750	5170	16200	1120	7070	831
14	2990	1250	4820	18400	16200	11300	4180	6930	8740	4500	6950	928
15	5880	1340	4630	16600	20900	9260	3570	8570	2750	5880	6860	2060
16	4910	1080	4770	12800	20700	10600	2980	7020	6350	6980	5060	3040
17	5770	1840	5190	11800	12300	7090	2470	3780	5920	7250	4270	2180
18	7450	2590	3750	10600	8930	7620	2640	2320	6340	6500	7120	1740
19	2340	1910	3630	8740	9270	7840	2760	3940	6500	3200	7870	1320
20	4560	665	9570	7050	15300	7980	2390	5510	6270	2840	8500	1340
21	3290	532	9120	6560	20200	10300	2380	5270	6260	4560	8100	375
22	3260	589	9710	7050	22100	5970	4470	4100	5720	4820	5200	780
23	2270	619	6130	5750	19600	5620	6770	4100	5560	4550	2900	1050
24	1820	814	4530	5520	20900	11200	17100	1910	6160	5630	2400	879
25	2050	578	5590	3650	18300	15400	17900	1480	6360	5520	6700	4070
26	1880	717	5590	5480	17400	13800	9030	2370	6790	3140	7400	5790
27	1750	1590	4930	6880	17300	15900	6460	3970	7230	2280	7300	2380
28	1890	2910	4060	5750	17900	15000	7670	4410	4260	2910	5200	582
29	2230	2910	4130	5050	---	6660	15000	4360	3170	2970	3700	1590
30	2000	2590	3540	8030	---	5760	23100	5530	5850	3000	1870	2580
31	1780	---	3060	7820	---	4410	---	4250	---	3530	2020	---
TOTAL	168160	56094	151770	266860	351330	436640	247750	228990	180850	140860	180720	54097
MEAN	5425	1870	4896	8608	12550	14090	8258	7387	6028	4544	5830	1803
MAX	13500	4240	9710	18400	22100	26600	23100	20600	16200	8230	9520	5790
MIN	1750	532	2470	1710	2980	4410	2380	1480	1730	1120	1870	375
CFSM	.76	.26	.68	1.20	1.75	1.97	1.16	1.03	.84	.64	.82	.25
IN.	.87	.29	.79	1.39	1.83	2.27	1.29	1.19	.94	.73	.94	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1997, BY WATER YEAR (WY)

	MEAN	6874	6793	9536	9121	12320	13670	7533	6324	4667	5255	6622	4707
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	1803	
(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	2464121	
ANNUAL MEAN	7819	6751	7771
HIGHEST ANNUAL MEAN			13960
LOWEST ANNUAL MEAN			2612
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		14.77
10 PERCENT EXCEEDS	20800	15400	19100
50 PERCENT EXCEEDS	5010	5400	5280
90 PERCENT EXCEEDS	1990	1740	1760

SAVANNAH RIVER BASIN
02196485 AUGUSTA CANAL NEAR AUGUSTA, GA

395

LOCATION.--Lat 33°32'57", long 82°02'17", Columbia County, Hydrologic Unit 03060106, at 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, Oct. 1 - 9, 15 - 17, Jan. 17 - 19, Feb. 15 - 18, June 19 - 27, Aug. 20 to Sept. 11, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2700	2770	2050	2140	2540	2330	2530	2640	2810	1870	2900	2190
2	2700	2070	2390	2040	2580	2310	2690	2660	2790	1670	2920	2430
3	2700	2470	2550	2090	2540	2410	2550	2400	2840	1720	3010	2500
4	2700	2630	2550	2120	2480	2450	2610	2540	2940	1670	2980	2510
5	2700	2720	2650	2090	2450	2370	2580	2590	2880	1700	2970	2640
6	2700	2830	2440	2360	2610	2650	2760	2660	2830	1990	3010	2550
7	2700	2790	2460	2530	2480	2750	2960	2670	2860	2550	3000	2550
8	2700	2700	2530	2480	2420	2790	2870	2590	2870	2770	3020	2670
9	2700	2620	2590	2290	2500	2450	2860	2670	3040	2650	3000	2750
10	2800	2690	2660	2450	2500	2450	2860	2560	2990	2970	3050	2530
11	2930	2550	2630	2490	2500	2460	2790	2620	3060	3050	3050	2580
12	2910	2740	2630	2580	2660	2560	2620	2710	2980	3010	3080	3140
13	2680	2750	2460	2500	2290	2650	2580	2930	2970	3060	3080	3140
14	2870	2760	2510	2420	2280	2520	2600	2850	3000	3240	3080	3170
15	2890	2650	2570	2480	2300	2550	2610	2830	2840	3020	3090	3130
16	2880	2640	2740	2330	2630	2480	2740	2820	2800	2750	3010	2790
17	2840	2690	2580	2780	2630	2540	2790	2900	2770	2600	2900	3050
18	2740	2680	2660	2750	2580	2470	2900	2880	2880	2580	3090	3100
19	2620	2740	2640	2470	1800	2560	2810	2970	2660	2570	3000	3170
20	2680	2640	2610	2490	1850	2570	2560	2990	2700	2550	2720	3180
21	2660	2640	2590	2590	2050	2440	2730	2980	2700	2810	2550	3040
22	2760	2640	2030	2600	2360	2440	2340	3060	2700	3050	2720	3170
23	2850	2620	1960	2540	2360	2540	2650	3070	2700	2980	2590	3200
24	2800	2530	1540	2540	2390	2380	2580	2960	2700	2830	2530	3160
25	2840	2610	1500	2380	2510	2510	2390	3010	2700	3000	2750	2840
26	2770	2710	1500	2300	2390	2520	2450	3060	2700	2990	2590	2870
27	2680	2770	1720	2540	2380	2610	2250	2960	2750	3070	2810	2870
28	2820	2110	2060	2430	2360	2480	2210	3040	2910	3040	2660	2980
29	2870	2020	2060	2570	---	2540	2370	3020	2670	2950	2690	3080
30	2830	2010	2060	2400	---	1900	2620	3030	2120	2870	2520	2940
31	2830	---	2140	2470	---	2430	---	2880	---	2730	2370	---
TOTAL	85850	77790	72060	75240	67420	77110	78860	87550	84160	82310	88740	85920
MEAN	2769	2593	2325	2427	2408	2487	2629	2824	2805	2655	2863	2864
MAX	2930	2830	2740	2780	2660	2790	2960	3070	3060	3240	3090	3200
MIN	2620	2010	1500	2040	1800	1900	2210	2400	2120	1670	2370	2190

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

MEAN	2769	2593	2325	2427	2408	2487	2629	2824	2805	2655	2863	2864
MAX	2769	2593	2325	2427	2408	2487	2629	2824	2805	2655	2863	2864
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	2769	2593	2325	2427	2408	2487	2629	2824	2805	2655	2863	2864
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997

SUMMARY STATISTICS

FOR 1997 WATER YEAR

ANNUAL TOTAL	963010
ANNUAL MEAN	2638
HIGHEST DAILY MEAN	3240 Jul 14
LOWEST DAILY MEAN	1500 Dec 25
ANNUAL SEVEN-DAY MINIMUM	1760 Dec 22
INSTANTANEOUS PEAK STAGE	8.37 Jul 14
10 PERCENT EXCEEDS	3010
50 PERCENT EXCEEDS	2650
90 PERCENT EXCEEDS	2290

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, Mar. 8, May 23 - 25, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	26	39	24	28	49	27	31	18	23	32	14
2	33	26	38	24	27	38	26	28	23	24	23	14
3	30	25	28	24	26	34	26	37	38	19	19	12
4	26	25	26	23	30	32	26	42	26	16	18	11
5	23	26	24	29	28	30	26	33	19	15	17	9.5
6	22	27	24	33	25	30	27	30	16	15	15	9.7
7	29	28	25	30	24	29	30	27	17	18	14	11
8	49	36	28	30	29	21	28	25	19	19	13	12
9	34	33	25	79	30	17	26	24	18	31	13	11
10	28	27	24	53	28	25	26	23	17	39	15	15
11	25	25	24	39	27	28	26	22	16	28	23	32
12	23	25	25	35	24	27	27	22	29	22	18	23
13	23	25	29	34	28	28	28	23	50	18	15	18
14	22	25	26	33	47	65	25	22	40	16	15	16
15	23	25	24	35	57	46	24	20	34	14	18	16
16	22	25	24	46	40	36	24	26	28	19	13	15
17	23	25	24	39	32	35	23	22	30	20	12	15
18	24	26	25	32	32	32	23	19	34	17	11	15
19	23	32	32	30	32	31	23	17	30	14	11	16
20	23	28	28	29	31	31	29	19	24	13	23	14
21	22	28	25	29	33	29	26	22	25	12	25	13
22	22	26	24	29	49	30	31	17	36	12	18	14
23	23	25	24	30	38	28	37	14	27	22	15	15
24	23	25	24	29	33	27	32	5.2	23	51	13	16
25	23	26	25	38	32	31	28	17	19	35	12	66
26	23	27	24	32	30	36	26	19	17	26	12	52
27	23	27	25	29	31	31	31	30	24	22	12	36
28	24	26	25	29	38	30	50	27	44	22	13	34
29	26	25	24	28	---	34	44	21	29	19	11	30
30	26	26	24	32	---	30	34	20	25	18	14	24
31	26	---	24	30	---	29	---	18	---	30	12	---
TOTAL	807	801	810	1036	909	999	859	722.2	795	669	495	599.2
MEAN	26.0	26.7	26.1	33.4	32.5	32.2	28.6	23.3	26.5	21.6	16.0	20.0
MAX	49	36	39	79	57	65	50	42	50	51	32	66
MIN	22	25	24	23	24	17	23	5.2	16	12	11	9.5
CFSM	.98	1.00	.98	1.26	1.22	1.21	1.08	.88	1.00	.81	.60	.75
IN.	1.13	1.12	1.13	1.45	1.27	1.40	1.20	1.01	1.11	.94	.69	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1997, BY WATER YEAR (WY)

	MEAN	31.2	34.2	36.4	45.1	42.8	45.4	34.7	28.2	31.0	25.1	26.2	23.6
MAX	41.9	51.7	49.0	71.7	67.8	59.6	53.3	40.3	47.8	41.2	41.4	35.6	
(WY)	1991	1993	1993	1993	1995	1993	1993	1991	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1990 - 1997

ANNUAL TOTAL	11060	9501.4	
ANNUAL MEAN	30.2	26.0	
HIGHEST ANNUAL MEAN			33.6
LOWEST ANNUAL MEAN			41.7
HIGHEST DAILY MEAN	253	Mar 7	79
LOWEST DAILY MEAN	13	Jul 4	5.2
ANNUAL SEVEN-DAY MINIMUM	15	Jun 28	11
INSTANTANEOUS PEAK FLOW			108
INSTANTANEOUS PEAK STAGE			3.03
ANNUAL RUNOFF (CFSM)	1.14		.98
ANNUAL RUNOFF (INCHES)	15.47		13.29
10 PERCENT EXCEEDS	40		36
50 PERCENT EXCEEDS	28		25
90 PERCENT EXCEEDS	19		15

* Flow was temporarily obstructed at the gage by the construction of a rock section upstream.

SAVANNAH RIVER BASIN
02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA

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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, 16.45 ft, Feb. 27; minimum gage height, 11.40 ft, Feb. 26.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.11	14.02	14.01	14.17	13.63	13.14	13.76	14.16	13.98	14.05	14.12	14.01
2	13.94	14.26	14.09	14.00	13.39	13.67	13.93	13.87	13.98	14.00	14.07	14.18
3	13.97	14.12	14.08	14.09	13.49	13.08	14.11	13.73	13.98	13.98	14.01	14.25
4	14.11	13.16	13.98	14.02	14.07	13.43	13.97	13.93	14.03	13.94	14.04	13.84
5	14.12	13.67	14.02	14.06	14.03	13.22	13.80	13.68	13.93	13.92	14.11	13.92
6	14.12	14.23	14.04	14.02	14.00	14.01	14.08	13.76	13.90	13.91	13.97	14.07
7	14.02	14.07	14.03	14.03	14.05	15.03	13.81	13.42	13.96	13.95	13.96	14.00
8	13.98	14.02	14.00	14.04	13.93	15.63	14.26	14.07	13.97	13.99	14.04	14.11
9	14.14	14.02	14.07	14.08	14.07	15.93	14.04	13.86	13.98	13.86	13.90	13.78
10	14.10	14.10	14.05	14.19	13.91	16.01	13.97	14.08	14.13	13.93	13.88	13.41
11	14.20	14.06	13.99	13.94	13.99	15.82	14.14	14.37	13.89	13.93	13.65	13.98
12	14.15	14.07	14.08	13.54	14.03	14.30	13.87	14.00	13.88	14.02	13.78	13.92
13	14.09	14.10	14.08	13.26	13.87	13.72	14.04	13.98	13.94	14.10	14.36	13.84
14	14.16	14.03	14.08	13.42	13.03	13.55	14.04	13.93	13.51	14.13	14.03	14.13
15	13.98	14.09	14.11	13.35	13.07	13.93	13.99	14.06	13.95	---	13.99	14.10
16	13.80	14.13	14.29	13.63	14.11	13.95	13.94	13.94	13.84	---	14.02	13.91
17	13.71	14.10	14.42	13.77	13.95	13.97	14.04	14.00	14.01	14.22	14.08	14.00
18	14.03	14.16	14.49	13.98	13.87	13.70	13.98	12.80	14.00	14.96	14.14	14.00
19	14.03	14.06	14.51	13.96	13.99	13.94	14.03	13.29	13.56	14.19	14.07	13.88
20	14.18	14.06	14.36	13.89	14.01	14.01	14.00	13.92	13.64	14.29	13.77	13.96
21	13.65	13.99	14.15	13.97	14.21	13.98	13.95	14.00	13.81	13.95	13.96	14.02
22	13.55	14.01	14.01	14.03	14.14	14.06	14.02	14.00	13.72	---	13.96	---
23	13.62	13.90	13.95	13.98	14.34	14.04	13.78	14.00	14.00	---	14.05	---
24	12.86	14.06	14.02	14.07	13.81	14.00	13.85	13.97	13.81	---	14.06	13.91
25	13.99	14.06	14.03	13.97	13.33	13.99	14.06	13.94	13.95	---	13.97	13.86
26	14.03	14.04	14.11	14.19	13.48	13.86	13.77	14.06	14.00	---	13.93	13.41
27	13.99	14.04	14.07	14.05	13.69	14.02	13.82	14.00	14.08	---	13.92	13.59
28	14.07	14.04	14.02	14.04	13.65	14.03	13.84	13.97	13.95	---	13.94	13.81
29	13.57	13.99	13.96	14.17	---	13.83	14.07	14.01	14.09	---	14.05	13.95
30	13.57	14.09	14.02	14.08	---	14.09	14.13	14.00	14.07	---	13.88	14.54
31	13.99	---	14.05	13.96	---	14.01	---	13.98	---	14.05	14.24	---
MAX	14.20	14.26	14.51	14.19	14.34	16.01	14.26	14.37	14.13	14.96	14.36	14.54
MIN	12.86	13.16	13.95	13.26	13.03	13.08	13.76	12.80	13.51	13.86	13.65	13.41

SAVANNAH RIVER BASIN
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, May 2 - 7, June 13 - 16, July 8 - 10, 16, 17, Aug. 20, 21, 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8050	5360	5320	4480	7780	19300	6500	21500	5160	8360	6960	5360
2	9130	5080	6160	5480	6710	19000	8520	19300	4540	8490	8280	5290
3	9460	5660	8230	6560	7670	17400	15600	17900	4800	8190	6330	5260
4	8810	6400	7490	6810	9860	17200	11600	15500	4730	7610	7180	5340
5	8660	5450	6800	6100	9730	18900	8510	14400	4700	6830	9470	5150
6	8070	5680	7280	6400	9640	21000	6340	13600	4470	5550	11500	4730
7	8920	5760	7910	7350	9870	23700	8110	13100	4310	6530	11000	4510
8	10300	6070	7100	9090	9940	25100	10300	12600	4230	7250	10500	4780
9	13200	6040	7100	11400	9810	25900	11300	11800	5700	7650	9040	5460
10	14200	7110	8510	18500	10200	26100	11700	10700	12300	7200	7420	4650
11	14000	6620	6800	17000	9940	25800	13300	6040	13700	6300	8340	5070
12	12300	5600	6250	15700	9800	21600	11200	5530	15300	5900	9570	5060
13	8320	6270	6860	18800	10500	13400	5750	5820	16300	5210	8850	4850
14	6950	5300	7220	18600	14200	12500	5790	7750	16800	6870	9900	4730
15	8280	5620	7390	18500	19900	11900	5720	8590	13200	8510	9380	5260
16	8300	4810	7250	16200	21900	11500	5310	9040	8700	9150	8610	5740
17	8320	5200	7790	13800	17000	9330	5210	6660	7740	9460	7500	5380
18	9170	6320	7260	12700	12100	8840	5030	5840	8790	8390	7970	5680
19	6950	5780	6620	11200	10700	8970	5100	4690	9740	7570	10400	5250
20	7030	4990	9990	9890	12400	8980	5180	6950	8700	5950	10000	5240
21	7560	4660	10800	9150	18300	10300	4240	7270	8870	6510	9750	4370
22	6090	4540	10900	9540	21100	8120	5560	6230	8960	7840	9210	4580
23	6990	4510	8920	8750	22300	7300	6520	6360	8060	8220	7440	4850
24	5160	4500	5690	8360	21100	9110	12900	5170	9010	8340	6900	4820
25	5710	4610	6430	7610	20700	13700	17500	4290	8900	8780	8340	6510
26	5510	4610	6420	6730	18200	14200	12900	4560	8960	7670	8840	8530
27	5620	5210	6380	9300	18400	14900	8130	6070	9920	6510	8740	7230
28	5840	5460	6220	8480	18400	15400	8390	6140	8750	6320	7740	5130
29	5890	5310	6280	7680	---	11800	10800	6220	6940	7220	6760	5210
30	5790	5130	6100	9210	---	6170	20800	6870	7040	6130	6010	5160
31	5740	---	5910	10300	---	6440	---	6150	---	6580	5240	---
TOTAL	254320	163660	225380	329670	388150	463860	273810	282640	259320	227090	263170	159180
MEAN	8204	5455	7270	10630	13860	14960	9127	9117	8644	7325	8489	5306
MAX	14200	7110	10900	18800	22300	26100	20800	21500	16800	9460	11500	8530
MIN	5160	4500	5320	4480	6710	6170	4240	4290	4230	5210	5240	4370
CFSM	1.09	.73	.97	1.42	1.85	1.99	1.22	1.21	1.15	.98	1.13	.71
IN.	1.26	.81	1.12	1.63	1.92	2.30	1.36	1.40	1.28	1.13	1.30	.79

SAVANNAH RIVER BASIN
02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1884 - 1997, BY WATER YEAR (WY)

MEAN	7247	7171	9389	12380	14410	15660	13330	8964	8189	7710	8298	7536
MAX	42170	21250	27390	40950	39560	52440	58700	27050	22830	19480	35030	47850
(WY)	1930	1949	1933	1936	1903	1929	1936	1964	1973	1906	1887	1888
MIN	2079	2614	3751	4084	4812	5637	5172	3427	3258	3001	1706	1453
(WY)	1905	1932	1953	1953	1938	1988	1988	1927	1925	1925	1925	1925

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1884 - 1997	
ANNUAL TOTAL	3703970		3290250		10030	
ANNUAL MEAN	10120		9014		16580	
HIGHEST ANNUAL MEAN					5344	
LOWEST ANNUAL MEAN					1964	
HIGHEST DAILY MEAN	33400	Feb 5	26100	Mar 10	315000	Oct 3 1929
LOWEST DAILY MEAN	3460	May 16	4230	Jun 8	1040	Oct 2 1927
ANNUAL SEVEN-DAY MINIMUM	4480	May 11	4540	Jun 2	1170	Aug 23 1925
INSTANTANEOUS PEAK FLOW			26300	Mar 10	350000	Oct 3 1929
INSTANTANEOUS PEAK STAGE			18.11	Mar 10	* 46.30	Sep 27 1929
ANNUAL RUNOFF (CFSM)	1.35		1.20		1.34	
ANNUAL RUNOFF (INCHES)	18.35		16.30		18.15	
10 PERCENT EXCEEDS	22200		15900		18800	
50 PERCENT EXCEEDS	7280		7680		6950	
90 PERCENT EXCEEDS	4790		5130		3950	

* At site and datum then in use.

SAVANNAH RIVER BASIN
02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC

LOCATION.--Lat 33°22'14", long 81°37'43", Aiken County, Hydrologic Unit 03060106, at upstream side of Treadway bridge on SRS Road 8-1, 1.0 mi downstream from US highway 278, 0.2 mi east of SRS Road F-1, 5.0 mi southeast of New Ellenton. Relocated 1 mi upstream to Highway 278 on Dec. 23, 1996.

DRAINAGE AREA.--98.7 mi² (revised).

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Data collection platform. Elevation of gage is 165 ft above sea level (from topographic map). June 10, 1966 to Sept. 30, 1989 at site 1.0 mi upstream at datum 10 ft higher.

REMARKS.--Records good except for estimated daily discharges, Dec. 2 - 23, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	120	106	128	93	97	122	89	94	101	80	95	80
2	112	109	147	93	95	106	89	90	84	83	85	78
3	109	109	135	93	95	103	88	104	78	78	83	83
4	106	108	117	93	94	100	88	110	82	76	83	99
5	103	108	120	99	94	99	88	93	76	75	81	80
6	102	108	115	97	92	98	90	88	122	82	79	77
7	107	110	122	95	92	96	93	85	97	93	79	75
8	151	128	120	100	99	96	88	84	84	101	77	75
9	121	124	115	172	96	95	87	83	77	120	78	75
10	109	111	111	126	94	94	86	81	75	184	81	89
11	106	110	111	108	94	95	87	80	78	107	81	102
12	104	109	110	102	92	93	98	86	92	92	77	85
13	103	109	111	99	104	94	94	89	96	83	81	82
14	103	108	111	97	160	135	94	82	97	81	94	80
15	102	108	109	96	193	115	87	80	93	81	82	83
16	101	108	108	128	126	102	84	79	83	82	79	77
17	104	108	109	107	114	98	84	78	97	82	79	77
18	103	108	111	99	109	97	83	77	137	80	78	78
19	103	115	149	98	106	101	84	77	105	78	76	78
20	103	110	151	98	104	105	89	76	87	76	87	76
21	103	109	117	96	105	98	85	76	82	75	94	74
22	103	110	115	95	174	97	86	75	79	75	81	76
23	104	109	111	95	120	94	103	74	78	76	77	76
24	104	109	96	95	110	93	90	75	78	192	76	80
25	103	109	97	112	107	94	86	81	76	120	76	181
26	103	110	95	99	106	95	86	82	74	96	75	167
27	103	109	96	96	105	93	96	91	77	96	75	117
28	105	109	95	95	108	94	152	85	120	95	75	125
29	106	109	94	94	---	100	120	90	98	86	73	104
30	106	109	94	115	---	93	105	85	84	86	80	92
31	107	---	93	102	---	91	---	82	---	101	85	---
TOTAL	3319	3306	3513	3187	3085	3086	2779	2612	2687	2912	2502	2721
MEAN	107	110	113	103	110	99.5	92.6	84.3	89.6	93.9	80.7	90.7
MAX	151	128	151	172	193	135	152	110	137	192	95	181
MIN	101	106	93	93	92	91	83	74	74	75	73	74
CFSM	1.08	1.12	1.15	1.04	1.12	1.01	.94	.85	.91	.95	.82	.92
IN.	1.25	1.25	1.32	1.20	1.16	1.16	1.05	.98	1.01	1.10	.94	1.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1997, BY WATER YEAR (WY)

	MEAN	99.0	105	109	113	112	115	108	101	101	100	102	98.6
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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1966 - 1997

ANNUAL TOTAL	41294	35709	105
ANNUAL MEAN	113	97.8	133
HIGHEST ANNUAL MEAN			77.1
LOWEST ANNUAL MEAN			1973
HIGHEST DAILY MEAN	190	Sep 11	509
LOWEST DAILY MEAN	92	Jul 4	53
ANNUAL SEVEN-DAY MINIMUM	94	Jun 28	55
INSTANTANEOUS PEAK FLOW			820
INSTANTANEOUS PEAK STAGE		7.17	8.80
INSTANTANEOUS LOW FLOW		70	49
ANNUAL RUNOFF (CFSM)	1.14	.99	1.07
ANNUAL RUNOFF (INCHES)	15.56	13.46	14.48
10 PERCENT EXCEEDS	128	117	132
50 PERCENT EXCEEDS	110	95	102
90 PERCENT EXCEEDS	99	77	77

* Also occurred on Aug. 19, 22, 23, 1983.

SAVANNAH RIVER BASIN
021973008 MCQUEEN BRANCH AT ROAD F AT SAVANNAH RIVER SITE, SC

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LOCATION.--Lat 33°17'45", long 81°37'53", Aiken County, Hydrologic Unit 03060106, on right bank, 75 ft north of Road F, at Savannah River Site.

DRAINAGE AREA.--0.82 mi².

PERIOD OF RECORD.--December 1990 to September 1997 (discontinued).

GAGE.--Data collection platform. Datum of gage is 199.5 ft above sea level (from Global Positioning System and Department of Energy Benchmark).

REMARKS.--Estimated daily discharges, Oct. 8, Nov. 8, Dec. 1, 18, 19, Jan. 5, 8, 9, 16, Feb. 13 - 15, 21, 22, Mar. 14, Apr. 23, 27, 28, May 3, 12, 27, June 6, 14, 17, June 19 - Aug. 22, Sept. 24 - 26. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.70	2.0	3.0	.37	.48	1.3	1.0	.54	.52	.60	.50	.29
2	.55	2.3	.87	.36	.46	1.2	1.1	.50	.36	.60	.40	.29
3	.51	2.1	.72	.32	.43	.86	.48	3.7	.32	.50	.40	.77
4	.49	2.1	.69	.29	.39	.61	.47	.73	.30	.30	.40	.45
5	.48	2.2	.67	.90	.38	.59	.46	.56	.29	.30	.40	.31
6	.49	2.1	.66	.66	.34	.57	.54	.50	2.4	.60	.40	.27
7	1.5	2.4	.73	.58	.34	.53	.51	.47	.44	.50	.40	.21
8	3.4	3.2	.65	1.5	.53	.54	.49	.45	.37	.80	.30	.19
9	.59	.82	.57	5.1	.39	.54	.47	.43	.34	7.3	.40	.18
10	.55	.64	.53	.84	.39	.55	.44	.41	.31	5.8	.40	.32
11	.55	.57	.62	.61	.37	.56	.45	.39	.44	.90	.40	.39
12	.54	.53	.52	.58	.33	.51	.56	1.1	1.7	.60	.40	.30
13	.54	.51	.53	.55	3.1	.53	.46	.55	.79	.50	.40	.29
14	.56	.44	.50	.52	14	3.2	.42	.38	1.2	.40	.40	.28
15	.53	.49	.41	.47	4.9	.74	.42	.35	.50	.40	.40	.31
16	.56	.52	.41	2.0	1.2	.61	.43	.33	.40	.40	.40	.28
17	.58	.43	.39	.67	1.0	.57	.49	.37	1.5	.40	.40	.26
18	.66	.46	.71	.62	.91	.57	.50	.31	.78	.40	.30	.33
19	.96	.50	1.7	.59	.81	1.6	.53	.29	.70	.40	.30	.34
20	1.0	.46	.72	.58	.72	.70	.58	.29	.50	.40	.60	.31
21	1.1	.55	.59	.55	1.2	.63	.51	.25	.50	.40	.50	.29
22	1.0	.75	.59	.53	6.3	.59	1.1	.25	.50	.30	.40	.33
23	1.1	.75	.48	.50	1.3	.52	1.5	.23	.50	.50	.41	.34
24	1.2	.78	.49	.47	1.9	.48	.52	.23	.40	2.9	.36	.66
25	1.2	.80	.48	.80	2.0	.49	.47	.37	.30	1.5	.33	8.1
26	1.4	.83	.49	.45	2.0	.51	.48	.26	.30	.50	.33	4.0
27	1.4	.90	.49	.41	1.9	.48	1.3	.95	1.8	1.1	.47	1.1
28	1.6	.90	.42	.42	1.7	.54	6.9	.48	3.5	.80	.35	2.5
29	1.8	.94	.41	.44	---	.54	.82	.43	1.1	.50	.32	.38
30	1.8	.95	.39	2.6	---	.49	.59	.36	.60	.50	.32	.39
31	1.9	---	.39	.55	---	.46	---	.71	---	.60	.28	---
TOTAL	31.24	32.92	20.82	25.83	49.77	22.61	24.99	17.17	23.66	31.70	12.07	24.46
MEAN	1.01	1.10	.67	.83	1.78	.73	.83	.55	.79	1.02	.39	.82
MAX	3.4	3.2	3.0	5.1	14	3.2	6.9	3.7	3.5	7.3	.60	8.1
MIN	.48	.43	.39	.29	.33	.46	.42	.23	.29	.30	.28	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1997, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997
MEAN	1.34	1.24	1.26	2.03	2.00	2.01	1.35
MAX	3.00	2.11	1.98	4.21	5.02	3.39	1.89
(WY)	1995	1993	1995	1993	1995	1993	1993
MIN	.86	.70	.67	.83	.88	.73	.83
(WY)	1994	1995	1997	1997	1996	1997	1994

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR	FOR 1997 WATER YEAR	WATER YEARS 1991 - 1997
ANNUAL TOTAL	343.60	317.24	
ANNUAL MEAN	.94	.87	1.29
HIGHEST ANNUAL MEAN			1.92
LOWEST ANNUAL MEAN			.87
HIGHEST DAILY MEAN	7.0 Mar 7	14 Feb 14	50 Jan 8 1993
LOWEST DAILY MEAN	.20 Jun 28	.18 Sep 9	.08 Aug 4 1994
ANNUAL SEVEN-DAY MINIMUM	.32 Aug 26	.26 May 18	.11 Aug 2 1994
INSTANTANEOUS PEAK FLOW		Unknown May 3	Unknown Jul 23 1992
INSTANTANEOUS PEAK STAGE		3.60 May 3	6.06 Jul 23 1992
10 PERCENT EXCEEDS	1.9	1.7	2.3
50 PERCENT EXCEEDS	.68	.51	.92
90 PERCENT EXCEEDS	.40	.32	.44

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.--Estimated daily discharges, Oct. 8, Nov. 8, Dec. 1, 18, 19, Jan. 8, 9, 16, Feb. 13 - 15, 21, 22, Mar. 14, Apr. 23, 27, 28, May 3, 12, 27, June 6, 12, 14, 17, 27, 28, July 6, 9, 10, 24 - 31, Aug. 1 - 6, Sept. 25, 26, 28. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.01	.74	.01	.01	.07	.02	.04	.17	.01	.02	.00
2	.02	.03	.03	.01	.01	.03	.02	.03	.01	.00	.02	.00
3	.02	.04	.01	.01	.01	.02	.02	1.9	.00	.00	.02	.00
4	.02	.05	.01	.01	.01	.02	.02	.12	.00	.00	.01	.00
5	.02	.04	.01	.38	.01	.02	.02	.07	.00	.00	.01	.01
6	.02	.02	.01	.03	.01	.02	.02	.05	1.9	.43	.01	.01
7	.25	.00	.01	.00	.01	.02	.02	.03	.04	.06	.01	.01
8	1.8	.70	.01	.74	.04	.02	.02	.03	.02	.45	.01	.01
9	.03	.00	.01	2.6	.02	.02	.02	.03	.01	3.0	.02	.01
10	.02	.00	.01	.10	.01	.02	.02	.02	.01	1.4	.01	.01
11	.02	.00	.00	.06	.01	.02	.02	.02	.01	.09	.01	.01
12	.02	.00	.01	.03	.01	.02	.02	.91	.91	.06	.01	.01
13	.02	.00	.02	.02	2.0	.02	.02	.11	.34	.04	.01	.01
14	.02	.00	.03	.02	4.1	1.5	.02	.04	.91	.03	.00	.01
15	.02	.00	.03	.01	1.8	.05	.02	.03	.08	.03	.00	.01
16	.02	.00	.03	.91	.13	.02	.02	.02	.03	.03	.00	.01
17	.02	.00	.03	.06	.07	.02	.02	.02	.92	.11	.00	.01
18	.02	.00	.30	.04	.04	.02	.02	.01	.10	.03	.01	.01
19	.02	.00	.85	.03	.03	.41	.02	.01	.03	.02	.01	.00
20	.02	.00	.02	.02	.03	.06	.03	.01	.02	.02	.42	.00
21	.02	.01	.01	.02	.36	.02	.02	.01	.01	.02	.06	.00
22	.02	.01	.01	.01	2.4	.01	.03	.01	.01	.02	.00	.00
23	.02	.00	.01	.01	.08	.01	.74	.00	.01	.02	.00	.00
24	.01	.00	.00	.01	.06	.01	.02	.00	.01	1.5	.00	.09
25	.00	.00	.01	.15	.04	.01	.02	.01	.00	.03	.00	4.2
26	.00	.00	.01	.02	.03	.02	.02	.01	.00	.02	.00	1.4
27	.00	.00	.01	.01	.03	.02	.51	.65	.18	.02	.00	.31
28	.00	.00	.01	.01	.06	.02	3.2	.02	1.1	.02	.00	1.2
29	.00	.00	.01	.01	---	.02	.14	.01	.02	.02	.00	.04
30	.00	.00	.01	.88	---	.02	.07	.01	.01	.01	.00	.02
31	.00	---	.01	.03	---	.02	---	.34	---	.05	.00	---
TOTAL	2.56	0.91	2.27	6.25	11.42	2.58	5.18	4.57	6.86	7.54	0.67	7.40
MEAN	.083	.030	.073	.20	.41	.083	.17	.15	.23	.24	.022	.25
MAX	1.8	.70	.85	2.6	4.1	1.5	3.2	1.9	1.9	3.0	.42	4.2
MIN	.00	.00	.00	.00	.01	.01	.02	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1997, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997
MEAN	.19	.11	.16	.30	.26	.25
MAX	.58	.27	.36	.56	.47	.48
(WY)	1995	1993	1995	1993	1995	1993
MIN	.061	.030	.073	.092	.055	.083
(WY)	1996	1997	1997	1996	1996	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1992 - 1997

ANNUAL TOTAL	44.23	58.21	
ANNUAL MEAN	.12	.16	.19
HIGHEST ANNUAL MEAN			.27 1995
LOWEST ANNUAL MEAN			.13 1996
HIGHEST DAILY MEAN	3.3 Mar 7	4.2 Sep 25	7.0 Jan 8 1993
LOWEST DAILY MEAN	.00 Oct 25	.00**Oct 25	.00 * Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	.00 Oct 25	.00 Oct 25	.00 * Apr 26 1994
INSTANTANEOUS PEAK FLOW		Unknown Jul 19	Unknown Sep 21 1993
INSTANTANEOUS PEAK STAGE		4.85 Jul 19	5.19 Sep 21 1993
10 PERCENT EXCEEDS	.37	.35	.40
50 PERCENT EXCEEDS	.02	.02	.03
90 PERCENT EXCEEDS	.01	.00	.01

* Also occurred many days every year.

** Also occurred many days during the year.

SAVANNAH RIVER BASIN
02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC

403

LOCATION.--Lat 33°17'08", long 81°41'40", Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRS Road C, 2.0 mi east of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--176 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Datum of gage is 121.5 ft above sea level (by Global Positioning System).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	245	189	256	183	207	257	174	216	195	173	206	153
2	235	193	387	183	191	242	172	191	178	179	173	147
3	217	204	297	182	185	216	171	216	160	168	157	144
4	206	196	220	179	183	205	170	311	154	157	152	170
5	188	195	206	196	181	197	169	226	157	149	150	155
6	180	194	202	215	179	196	170	185	241	150	150	143
7	184	198	206	194	177	190	183	174	289	185	147	138
8	339	258	234	198	189	187	173	168	195	178	145	136
9	406	330	213	369	205	186	167	164	166	281	142	136
10	246	256	198	488	188	185	165	162	154	678	145	147
11	199	213	197	294	185	185	164	158	153	505	149	206
12	188	204	196	212	180	182	176	182	181	212	144	175
13	183	201	197	198	204	181	193	225	223	173	141	155
14	182	200	196	192	453	270	175	178	220	159	147	148
15	181	197	194	189	796	387	171	164	225	155	150	144
16	180	195	191	280	611	250	164	157	183	157	145	143
17	181	195	194	327	311	202	163	154	190	171	142	139
18	183	197	199	225	245	193	161	153	353	161	143	139
19	181	212	313	200	226	197	160	150	333	151	140	140
20	179	215	316	194	216	221	168	150	199	146	147	137
21	180	204	220	189	212	204	166	148	169	143	183	134
22	181	200	202	186	507	196	169	146	159	141	165	132
23	181	196	197	185	517	186	247	145	154	140	147	133
24	183	196	195	185	278	180	226	145	154	195	140	134
25	182	196	198	210	234	180	182	151	148	403	137	290
26	182	197	194	220	224	188	174	163	144	274	137	697
27	201	195	195	190	223	190	187	172	152	184	136	626
28	189	192	192	186	218	184	369	172	347	239	136	372
29	190	192	190	183	---	200	506	163	405	198	135	309
30	189	195	188	241	---	189	300	162	228	165	142	210
31	190	---	185	263	---	179	---	158	---	181	160	---
TOTAL	6331	6205	6768	6936	7725	6405	5935	5409	6209	6551	4633	6032
MEAN	204	207	218	224	276	207	198	174	207	211	149	201
MAX	406	330	387	488	796	387	506	311	405	678	206	697
MIN	179	189	185	179	177	179	160	145	144	140	135	132
CFSM	1.16	1.18	1.24	1.27	1.57	1.17	1.12	.99	1.18	1.20	.85	1.14
IN.	1.34	1.31	1.43	1.47	1.63	1.35	1.25	1.14	1.31	1.38	.98	1.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)

MEAN	196	209	219	244	245	252	218	192	191	190	196	187
MAX	394	296	322	402	393	377	334	321	327	304	401	290
(WY)	1991	1993	1995	1993	1995	1993	1993	1984	1995	1991	1991	1995
MIN	134	146	132	147	149	161	141	129	112	113	124	105
(WY)	1989	1989	1989	1989	1989	1990	1990	1990	1990	1986	1988	1990

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1974 - 1997

ANNUAL TOTAL	81122	75139	
ANNUAL MEAN	222	206	211
HIGHEST ANNUAL MEAN			294
LOWEST ANNUAL MEAN			154
HIGHEST DAILY MEAN	617	Mar 8	796
LOWEST DAILY MEAN	147	Jul 4	132
ANNUAL SEVEN-DAY MINIMUM	151	Jun 28	136
INSTANTANEOUS PEAK FLOW			840
INSTANTANEOUS PEAK STAGE			6.20
ANNUAL RUNOFF (CFSM)	1.26	1.17	7.87
ANNUAL RUNOFF (INCHES)	17.15	15.88	1.20
10 PERCENT EXCEEDS	296	280	16.32
50 PERCENT EXCEEDS	204	187	305
90 PERCENT EXCEEDS	171	145	190
			136

* Also occurred on July 12, 1990.

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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	229	185	232	202	246	275	188	238	214	184	214	157
2	235	189	341	202	221	288	184	208	195	197	191	149
3	218	200	350	203	212	254	183	220	166	177	164	141
4	208	195	241	201	209	237	182	285	154	161	155	163
5	189	193	218	214	207	226	181	269	157	149	153	165
6	178	192	212	244	203	225	180	196	223	148	155	142
7	180	195	212	225	198	225	192	179	288	196	148	135
8	269	230	235	222	212	234	188	171	229	191	144	132
9	357	293	230	321	234	250	177	165	177	250	141	132
10	300	284	210	459	216	262	173	162	158	509	145	135
11	204	220	205	418	212	271	170	157	155	519	151	199
12	187	206	205	254	206	269	182	164	185	311	146	196
13	181	201	208	226	222	238	204	229	228	186	139	163
14	178	199	207	220	401	261	187	192	229	165	140	152
15	177	198	203	217	660	370	181	167	242	156	152	146
16	175	196	202	274	635	334	172	158	202	160	144	145
17	175	196	204	356	445	233	168	152	182	173	152	140
18	178	198	209	292	295	217	166	150	289	170	151	138
19	176	210	285	231	261	224	164	147	358	152	149	140
20	174	220	340	221	248	246	172	144	237	145	148	138
21	175	210	263	217	242	236	173	143	179	140	192	133
22	176	204	221	212	431	221	173	141	163	137	181	129
23	176	201	214	211	542	210	234	139	156	136	154	132
24	178	198	212	213	404	201	246	139	153	166	143	134
25	177	199	214	233	290	198	195	148	149	304	136	236
26	177	200	212	256	272	204	180	162	141	354	133	467
27	187	199	211	224	262	210	190	174	141	212	131	581
28	189	196	210	213	255	204	310	177	267	222	130	450
29	185	196	208	209	---	217	443	167	376	222	128	338
30	186	198	206	254	---	212	387	164	301	174	131	259
31	185	---	204	296	---	196	---	165	---	181	161	---
TOTAL	6159	6201	7124	7740	8441	7448	6125	5472	6294	6547	4702	5867
MEAN	199	207	230	250	301	240	204	177	210	211	152	196
MAX	357	293	350	459	660	370	443	285	376	519	214	581
MIN	174	185	202	201	198	196	164	139	141	136	128	129
CFSM	.98	1.02	1.13	1.23	1.49	1.18	1.01	.87	1.03	1.04	.75	.96
IN.	1.13	1.14	1.31	1.42	1.55	1.36	1.12	1.00	1.15	1.20	.86	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	224	246	261	286	287	303	261	215	212	210	221	207												
MAX	416	348	377	492	392	473	406	368	318	305	419	287												
(WY)	1991	1993	1977	1993	1995	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												

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1974 - 1997

ANNUAL TOTAL	83326	78120	
ANNUAL MEAN	228	214	
HIGHEST ANNUAL MEAN			244
LOWEST ANNUAL MEAN			320
HIGHEST DAILY MEAN	611	Mar 8	172
LOWEST DAILY MEAN	138	Jul 4	172
ANNUAL SEVEN-DAY MINIMUM	145	Jun 28	2000
INSTANTANEOUS PEAK FLOW			83
INSTANTANEOUS PEAK STAGE			84
ANNUAL RUNOFF (CFSM)	1.12	5.58	7.89
ANNUAL RUNOFF (INCHES)	15.27	1.05	1.20
10 PERCENT EXCEEDS	302	14.32	16.30
50 PERCENT EXCEEDS	213	292	361
90 PERCENT EXCEEDS	168	145	224
			149

* Also occurred on July 8, 11, 1990.

SAVANNAH RIVER BASIN
02197320 SAVANNAH RIVER NEAR JACKSON, SC

405

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, Mar. 9, 13, 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 Mar. 10 - 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7600	5630	5430	5820	10800	20000	8560	18700	7960	8520	7670	6120
2	9150	5320	5780	5290	8060	20100	8920	19800	6710	9410	8790	5930
3	10300	5560	7790	6340	8020	20100	14100	20000	6500	9330	8350	5950
4	10100	5990	8370	7360	9510	19600	16100	18900	6690	9100	7010	6140
5	9920	6070	7170	6820	11000	19400	14000	17600	6510	8060	9340	5830
6	9370	5490	7310	6660	10800	19800	10200	16900	6490	7120	11600	5680
7	8710	5870	7850	7330	10900	20500	9310	16800	6480	6580	12400	5410
8	10900	5960	7920	8650	11200	21400	11500	16300	6200	7530	12000	5290
9	12700	6190	7300	10900	11100	22000	13500	15900	6290	8090	11300	5530
10	15000	6720	8000	15100	11300	---	14200	15200	10600	8320	9170	5970
11	15400	7250	8200	17800	11300	---	14800	11700	14300	8420	8350	5450
12	15500	6250	6820	17800	11100	---	15800	8410	15400	7630	9780	5750
13	12400	5930	7010	18000	11100	21600	11800	7310	16600	6520	10300	5670
14	8200	5890	7010	18900	12900	19500	8040	9340	17400	6530	10600	5420
15	7260	5650	7670	19400	17300	18000	8110	10400	14900	8720	10600	5490
16	8700	5390	7640	19600	19500	16500	7630	11500	9190	9560	10300	6180
17	8620	5170	7880	18600	20600	15200	7290	10300	7290	9880	8940	6170
18	8810	5780	7950	17200	19300	13000	7040	8580	9470	9640	8280	6210
19	8920	6120	7400	15400	16400	12000	7180	7030	10600	9300	10400	5950
20	6650	5770	8340	13200	14300	12000	7130	7750	10400	7300	10500	5710
21	7370	5120	11500	11500	16200	12300	6480	9220	9890	6810	10100	5630
22	6940	4900	11900	10800	18700	12800	6700	8860	9980	7760	10200	5040
23	6450	4880	11300	10700	20300	10400	8080	8380	9450	9120	9780	5340
24	6660	4790	8010	9760	21200	10100	11100	8050	9650	8850	7730	5510
25	5380	4830	6560	9630	21200	13300	15800	6580	9870	9890	8350	5940
26	5790	4880	6850	7920	21100	15800	17200	6240	9880	9700	9440	9080
27	5690	5080	6850	9300	20500	16400	14700	7150	10500	8340	9760	9730
28	5530	5560	6740	10100	20100	17000	11900	8030	10900	7480	9410	7750
29	6070	5510	6640	9140	---	17100	11700	8290	9270	7670	8000	6440
30	6150	5480	6580	9420	---	13100	15900	8390	8150	7630	7230	6380
31	5610	---	6420	11200	---	9600	---	8720	---	7340	6280	---
TOTAL	271850	169030	238190	365640	415790	458600	334770	356330	293520	256150	291960	182690
MEAN	8769	5634	7684	11790	14850	16380	11160	11490	9784	8263	9418	6090
MAX	15500	7250	11900	19600	21200	22000	17200	20000	17400	9890	12400	9730
MIN	5380	4790	5430	5290	8020	9600	6480	6240	6200	6520	6280	5040
CFSM	1.12	.72	.99	1.51	1.90	2.10	1.43	1.47	1.25	1.06	1.21	.78
IN.	1.30	.81	1.14	1.74	1.98	2.19	1.60	1.70	1.40	1.22	1.39	.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1997, BY WATER YEAR (WY)

MIN (WY)	4859	4563	4750	5162	5833	5728	5461	4720	4560	4530	4628	5423
	1987	1982	1989	1989	1989	1988	1988	1988	1988	1988	1988	1988

SUMMARY STATISTICS

FOR 1997 WATER YEAR

WATER YEARS 1972 - 1997

LOWEST DAILY MEAN	4790	Nov 24	3220	Dec 9 1981
INSTANTANEOUS PEAK FLOW	Unknown	* Mar 11	Unknown	Apr 11 1983
INSTANTANEOUS PEAK STAGE	18.41	* Mar 11	21.57	Apr 11 1983

*Also occurred on Mar. 12.

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 good except for estimated daily discharges, Oct. 8, Nov. 13, Dec. 1, Jan. 9, 16, Feb. 13 - 15, 21, 22, Apr. 28, May 3, 31, June 6, 17, July 8 - 10, Sept. 24 - 26, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	2.4	3.2	2.6	2.4	2.2	2.0	2.0	2.5	2.4	3.0	2.2
2	2.4	2.4	2.5	2.6	2.5	2.1	2.0	2.0	2.4	2.4	3.0	2.2
3	2.2	2.4	2.5	2.6	2.5	2.1	2.0	5.2	2.3	2.4	3.1	2.2
4	2.2	2.4	2.5	2.6	2.5	2.1	2.0	2.3	2.3	2.4	3.1	2.1
5	2.2	2.4	2.5	2.9	2.5	2.1	2.0	2.3	2.4	2.4	3.1	2.2
6	2.1	2.5	2.5	2.6	2.4	2.1	2.0	2.3	3.8	2.6	3.0	2.3
7	2.4	2.5	2.6	2.7	2.4	2.0	2.0	2.3	2.3	2.4	3.0	2.2
8	3.8	3.0	2.5	3.0	2.5	2.1	1.9	2.3	2.3	5.2	2.9	2.3
9	2.5	2.5	2.5	4.0	2.3	2.0	1.9	2.3	2.3	16	2.9	2.3
10	2.5	2.5	2.5	2.7	2.3	2.0	1.9	2.2	2.3	8.7	2.8	2.3
11	2.5	2.6	2.5	2.6	2.3	2.0	1.9	2.2	2.5	2.4	2.8	2.4
12	2.5	2.7	2.4	2.6	2.2	2.1	2.1	2.4	2.7	2.4	2.8	2.3
13	2.4	2.9	2.5	2.7	4.3	2.1	1.9	2.3	2.6	2.4	2.7	2.3
14	2.4	2.6	2.4	2.6	10	2.7	1.9	2.2	2.8	2.4	2.7	2.3
15	2.4	2.5	2.4	2.6	4.0	2.1	3.1	2.2	2.3	2.5	2.6	2.4
16	2.3	2.5	2.4	4.5	2.4	2.1	3.6	2.2	2.3	2.5	2.7	2.4
17	2.3	2.5	2.4	2.7	2.3	2.0	2.2	2.2	4.4	2.6	2.5	2.3
18	2.3	2.6	2.8	2.7	2.3	2.1	2.0	2.3	2.7	2.7	2.5	2.3
19	2.3	2.6	2.8	2.7	2.6	2.3	2.0	2.3	2.6	2.6	2.5	2.3
20	2.3	2.4	2.5	2.7	2.5	2.1	2.0	2.3	2.5	2.6	2.6	2.3
21	2.3	2.5	2.4	2.5	3.8	2.0	2.0	2.2	2.5	2.8	2.4	2.4
22	2.3	2.5	2.4	2.6	7.1	2.1	2.1	2.3	2.5	2.8	2.4	2.3
23	2.5	2.5	2.5	2.6	2.3	2.1	2.2	2.3	2.5	2.8	2.4	2.4
24	2.5	2.5	2.5	2.6	2.3	2.0	2.0	2.3	2.5	3.0	2.2	3.0
25	2.5	2.4	2.5	2.7	2.3	2.1	1.9	2.3	2.4	2.9	2.2	4.5
26	2.5	2.3	2.5	2.5	2.3	2.1	2.0	2.3	2.4	2.9	2.2	3.9
27	2.5	2.2	2.5	2.5	2.2	2.0	2.6	2.2	2.5	3.0	2.2	2.5
28	2.5	2.3	2.5	2.5	2.2	2.3	3.3	2.2	2.6	2.9	2.1	2.7
29	2.5	2.3	2.5	2.5	---	2.1	2.0	2.2	2.4	2.9	2.2	2.3
30	2.5	2.4	2.5	2.9	---	2.0	2.0	2.2	2.4	3.0	2.3	2.4
31	2.4	---	2.6	2.5	---	2.0	---	5.8	---	3.1	2.2	---
TOTAL	75.2	74.8	78.3	85.1	83.7	65.2	64.5	76.1	77.0	104.1	81.1	74.0
MEAN	2.43	2.49	2.53	2.75	2.99	2.10	2.15	2.45	2.57	3.36	2.62	2.47
MAX	3.8	3.0	3.2	4.5	10	2.7	3.6	5.8	4.4	16	3.1	4.5
MIN	2.1	2.2	2.4	2.5	2.2	2.0	1.9	2.0	2.3	2.4	2.1	2.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1997, BY WATER YEAR (WY)

	MEAN	2.68	2.68	2.53	2.78	2.69	2.67	2.25	2.05	2.29	2.58	2.57	2.50
MAX	3.88	3.54	3.36	5.30	5.19	6.00	4.07	3.19	4.04	4.04	3.45	3.10	
(WY)	1990	1993	1995	1993	1993	1993	1993	1993	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1984 - 1997

ANNUAL TOTAL	814.1	939.1	
ANNUAL MEAN	2.22	2.57	
HIGHEST ANNUAL MEAN			2.52
LOWEST ANNUAL MEAN			3.82
HIGHEST DAILY MEAN	4.8	16	1.98
LOWEST DAILY MEAN	1.3	1.9	.19
ANNUAL SEVEN-DAY MINIMUM	1.4	1.9	.39
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		4.04	5.51
10 PERCENT EXCEEDS	2.6	2.9	3.3
50 PERCENT EXCEEDS	2.2	2.4	2.5
90 PERCENT EXCEEDS	1.7	2.1	1.5

* Also occurred on May 5.

* Also occurred on Apr. 9 - 11, 13, 14, 25.

SAVANNAH RIVER BASIN
02197324 D-003 AT SAVANNAH RIVER SITE, SC

407

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.--Estimated daily discharges, Nov. 8, Jan. 5, 16, Feb. 21, Apr. 27, May 3, 31, June 17, 23, July 6, 8, 9, 24, Aug. 30, 31, Sept. 1, 2, 24, 25. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.10	.18	.05	.02	.04	.06	.04	.04	.03	.02	.01
2	.02	.10	.05	.06	.02	.03	.06	.04	.04	.03	.02	.01
3	.01	.07	.05	.06	.02	.03	.06	.05	.03	.03	.02	.01
4	.01	.07	.05	.06	.02	.04	.06	.04	.03	.03	.01	.01
5	.00	.07	.05	.07	.02	.07	.06	.04	.04	.04	.01	.01
6	.00	.07	.05	.06	.02	.07	.06	.04	.18	.04	.01	.01
7	.08	.08	.06	.07	.02	.06	.06	.04	.03	.04	.01	.01
8	.26	.15	.06	.10	.04	.06	.06	.04	.04	.05	.01	.01
9	.12	.09	.06	.14	.03	.05	.06	.04	.04	.05	.02	.01
10	.11	.09	.06	.06	.03	.05	.06	.04	.04	.07	.02	.01
11	.11	.09	.06	.06	.12	.05	.06	.04	.04	.03	.01	.02
12	.11	.07	.06	.06	.11	.04	.07	.05	.05	.03	.01	.01
13	.11	.06	.06	.06	.12	.04	.06	.03	.04	.03	.01	.01
14	.11	.06	.06	.06	.24	.13	.06	.03	.08	.03	.01	.01
15	.12	.06	.06	.05	.04	.05	.06	.03	.03	.03	.01	.01
16	.13	.06	.06	.15	.03	.05	.06	.03	.03	.04	.02	.01
17	.14	.06	.06	.05	.03	.05	.06	.03	.10	.03	.01	.01
18	.12	.06	.13	.04	.02	.05	.06	.03	.03	.03	.02	.01
19	.11	.06	.07	.03	.02	.09	.06	.03	.03	.03	.01	.01
20	.12	.06	.05	.03	.03	.06	.06	.03	.03	.03	.03	.02
21	.12	.06	.05	.03	.09	.05	.06	.03	.03	.03	.01	.02
22	.14	.06	.05	.03	.10	.05	.11	.03	.03	.03	.01	.02
23	.14	.06	.05	.03	.04	.05	.07	.03	.04	.03	.01	.02
24	.14	.06	.05	.03	.04	.05	.02	.04	.03	.05	.01	.05
25	.14	.06	.05	.05	.04	.05	.03	.03	.03	.03	.01	.13
26	.14	.05	.05	.03	.04	.06	.04	.03	.03	.03	.01	.13
27	.15	.06	.05	.03	.04	.06	.07	.03	.08	.03	.01	.03
28	.14	.06	.05	.03	.04	.09	.11	.03	.04	.03	.01	.06
29	.14	.06	.05	.04	---	.06	.04	.03	.03	.03	.01	.01
30	.12	.06	.05	.05	---	.06	.04	.03	.03	.03	.01	.01
31	.10	---	.05	.03	---	.06	---	.10	---	.04	.02	---
TOTAL	3.27	2.12	1.89	1.70	1.43	1.75	1.80	1.15	1.34	1.08	0.41	0.70
MEAN	.11	.071	.061	.055	.051	.056	.060	.037	.045	.035	.013	.023
MAX	.26	.15	.18	.15	.24	.13	.11	.10	.18	.07	.03	.13
MIN	.00	.05	.05	.03	.02	.03	.02	.03	.03	.03	.01	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1997, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	.12	.12	.14	.11	.098	.089	.084	.086	.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		

SUMMARY STATISTICS FOR 1996 CALENDAR YEAR FOR 1997 WATER YEAR WATER YEARS 1984 - 1997

	1996 CALENDAR YEAR	1997 WATER YEAR	WATER YEARS 1984 - 1997
ANNUAL TOTAL	38.75	18.64	
ANNUAL MEAN	.11	.051	.11
HIGHEST ANNUAL MEAN			.48
LOWEST ANNUAL MEAN			.013
HIGHEST DAILY MEAN	.50 Jul 5	.26 Oct 8	1.2 Jun 27 1994
LOWEST DAILY MEAN	.00**Oct 5	.00**Oct 5	.00 *Jun 23 1986
ANNUAL SEVEN-DAY MINIMUM	.01 Sep 30	.01 Aug 21	.00 Jun 25 1986
INSTANTANEOUS PEAK FLOW		Unknown May 31	Unknown Oct 1 1989
INSTANTANEOUS PEAK STAGE		3.93 May 31	4.95 Oct 1 1989
10 PERCENT EXCEEDS	.18	.11	.26
50 PERCENT EXCEEDS	.09	.04	.07
90 PERCENT EXCEEDS	.05	.01	.02

*No flow also occurred on many days in June and July 1986, most of 1995, and many days in Oct. 1995.

**Also occurred on Oct. 6.

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.--Estimated daily discharges, Nov. 18 - 21. Records poor. Flow regulated by Savannah River Site operations and South Carolina Electric and Gas Company 1.0 mi upstream

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56	74	59	71	57	47	66	76	62	82	78	71
2	57	68	58	71	56	47	67	76	60	83	77	71
3	57	56	58	72	56	49	69	77	60	95	77	75
4	56	56	58	72	57	64	70	77	59	95	76	76
5	56	56	57	72	57	61	70	76	59	95	76	71
6	56	56	57	72	57	51	70	77	61	94	77	77
7	58	56	57	65	58	58	72	77	59	95	75	71
8	61	55	59	55	58	61	74	76	59	95	78	71
9	60	55	60	57	58	61	78	75	61	97	78	71
10	59	64	59	56	58	59	76	74	61	96	77	72
11	59	67	64	56	57	58	76	73	62	90	78	70
12	68	58	62	56	57	57	77	73	62	89	78	71
13	77	57	53	56	57	56	76	72	70	88	79	71
14	76	57	54	56	61	57	75	72	78	88	79	71
15	75	57	54	56	57	58	75	73	78	88	79	71
16	75	57	53	58	52	57	75	73	73	88	79	71
17	75	58	54	56	52	57	74	72	70	87	79	71
18	74	58	54	56	51	57	74	72	78	87	79	71
19	75	58	55	55	51	58	74	74	78	86	80	71
20	74	58	54	55	50	60	74	71	84	83	80	71
21	74	64	54	55	50	64	74	71	91	85	80	71
22	74	58	55	55	55	64	74	72	91	84	81	71
23	75	58	56	54	50	65	74	62	88	85	81	71
24	75	63	56	54	49	65	75	60	81	84	80	70
25	74	58	55	55	48	66	76	70	81	83	81	73
26	75	57	65	54	49	67	76	70	81	82	81	74
27	74	57	72	55	48	67	76	63	82	80	82	70
28	74	56	71	54	48	68	77	60	83	79	81	69
29	75	57	71	55	---	68	75	61	82	79	81	68
30	75	57	71	58	---	67	75	60	82	79	77	68
31	74	---	71	57	---	66	---	61	---	78	71	---
TOTAL	2123	1766	1836	1829	1514	1860	2214	2196	2176	2699	2435	2140
MEAN	68.5	58.9	59.2	59.0	54.1	60.0	73.8	70.8	72.5	87.1	78.5	71.3
MAX	77	74	72	72	61	68	78	77	91	97	82	77
MIN	56	55	53	54	48	47	66	60	59	78	71	68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)

	MEAN	81.7	77.3	74.9	71.7	72.9	76.5	78.6	79.9	85.5	92.1	92.1	87.8
MAX	100	101	97.7	94.8	98.1	101	100	107	109	113	116	107	107
(WY)	1987	1986	1983	1983	1983	1982	1983	1976	1975	1974	1991	1975	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	60.8
(WY)	1996	1977	1997	1975	1997	1992	1990	1990	1988	1989	1992	1992	1992

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1974 - 1997

ANNUAL TOTAL	26145	24788	
ANNUAL MEAN	71.4	67.9	80.3
HIGHEST ANNUAL MEAN			92.7
LOWEST ANNUAL MEAN			66.6
HIGHEST DAILY MEAN	104	Sep 4	130
LOWEST DAILY MEAN	53	Dec 13	14
ANNUAL SEVEN-DAY MINIMUM	54	Dec 13	16
INSTANTANEOUS PEAK FLOW			*** 224
INSTANTANEOUS PEAK STAGE			3.38
10 PERCENT EXCEEDS	90	81	101
50 PERCENT EXCEEDS	68	70	82
90 PERCENT EXCEEDS	57	55	61

*Also occurred Mar. 2.

**Also occurred July 10.

***From rating curve extended above 110 ft³/s.

SAVANNAH RIVER BASIN
02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC

409

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 fair except for estimated daily discharges, May 31, July 9, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	2.4	12	3.6	3.0	7.0	5.7	4.0	1.8	3.4	4.6	2.7
2	3.9	2.7	5.5	2.9	2.7	6.7	5.8	3.8	1.3	4.1	3.9	2.6
3	4.3	2.2	3.5	2.8	2.4	5.8	5.7	18	2.3	3.3	4.0	2.8
4	3.4	2.3	4.3	3.4	2.3	4.8	5.8	6.9	3.0	2.8	3.4	2.6
5	4.4	1.9	3.3	9.5	2.5	4.7	7.2	4.3	3.3	2.8	3.5	3.8
6	3.1	2.6	2.7	7.2	2.1	4.5	7.3	2.5	11	2.8	3.6	3.9
7	4.2	2.6	3.7	6.7	2.5	4.9	6.8	2.8	6.8	3.0	3.4	2.5
8	18	8.5	6.8	9.5	3.3	4.8	6.3	3.2	4.6	2.8	3.0	2.2
9	5.2	4.1	3.2	25	3.2	4.4	6.5	3.1	3.7	8.0	3.0	2.5
10	4.3	2.5	2.1	12	2.8	4.9	3.7	3.0	3.1	34	3.0	3.2
11	3.2	2.2	2.8	8.7	2.4	4.3	3.6	3.2	4.0	3.6	3.2	2.8
12	2.6	2.6	2.9	8.5	2.3	4.1	4.5	5.8	5.1	3.2	3.1	2.6
13	2.5	1.9	3.0	7.7	16	4.1	5.1	4.5	5.7	2.5	2.9	2.5
14	2.5	2.1	3.0	6.1	41	18	3.6	4.2	6.8	2.8	3.0	2.8
15	2.6	1.9	3.1	3.5	38	9.9	3.5	3.1	6.3	3.5	2.7	2.7
16	2.8	2.6	2.6	15	13	6.9	4.0	2.9	4.0	4.7	3.0	2.8
17	2.4	2.0	2.4	4.7	8.3	5.6	3.6	2.2	6.4	8.3	2.6	2.8
18	2.5	2.6	4.9	3.2	6.8	4.9	3.3	1.5	8.2	4.5	2.9	2.7
19	2.6	2.7	10	2.8	5.8	5.4	4.9	1.8	4.5	4.1	3.6	2.7
20	2.4	2.0	5.8	2.3	4.7	6.3	5.8	1.6	3.6	3.8	4.8	2.8
21	2.4	1.9	4.3	2.2	7.2	4.5	3.6	1.7	3.4	4.0	5.0	3.0
22	2.2	1.9	5.0	2.8	41	4.3	4.4	1.3	3.3	4.1	4.1	2.8
23	2.1	2.7	4.6	2.8	13	4.7	10	1.1	3.2	4.5	3.5	2.6
24	2.3	2.6	4.2	2.2	8.4	5.8	6.1	1.2	3.1	16	3.0	4.1
25	2.7	2.1	4.0	3.8	7.4	5.4	3.9	1.7	3.2	8.7	2.7	17
26	2.6	2.2	4.1	2.8	8.1	5.6	3.9	1.8	3.3	4.1	2.6	20
27	2.7	2.5	3.4	2.2	8.1	5.7	8.7	4.1	3.7	3.8	2.6	6.6
28	2.4	2.0	3.6	2.1	7.2	5.7	32	1.8	8.2	3.5	2.6	9.1
29	2.1	2.1	3.5	2.1	---	6.4	10	2.3	5.5	3.2	2.7	6.4
30	2.1	2.4	3.3	6.5	---	5.2	5.6	2.8	3.5	3.4	2.8	4.0
31	2.4	---	2.9	3.9	---	6.0	---	2.3	---	4.9	2.8	---
TOTAL	107.9	76.8	130.5	178.5	265.5	181.3	190.9	104.5	135.9	168.2	101.6	131.6
MEAN	3.48	2.56	4.21	5.76	9.48	5.85	6.36	3.37	4.53	5.43	3.28	4.39
MAX	18	8.5	12	25	41	18	32	18	11	34	5.0	20
MIN	2.1	1.9	2.1	2.1	2.1	4.1	3.3	1.1	1.3	2.5	2.6	2.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1997, BY WATER YEAR (WY)

MEAN	5.24	5.83	7.04	9.26	11.5	11.9	9.08	6.50	5.30	5.58	6.04	5.36
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	1991	1991	1979	1979
MIN	2.42	2.56	3.18	3.15	3.46	4.70	3.79	2.32	2.16	1.75	2.03	2.61
(WY)	1986	1997	1989	1989	1989	1990	1985	1985	1990	1980	1980	1985

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1973 - 1997

ANNUAL TOTAL	1679.8	1773.2	7.13
ANNUAL MEAN	4.59	4.86	13.6
HIGHEST ANNUAL MEAN			1991
LOWEST ANNUAL MEAN			1985
HIGHEST DAILY MEAN	33 Mar 7	41 * Feb 14	155 Aug 2 1991
LOWEST DAILY MEAN	1.3 May 21	1.1 May 23	.61 Jun 6 1974
ANNUAL SEVEN-DAY MINIMUM	1.7 May 18	1.5 May 18	1.4 Jun 30 1990
INSTANTANEOUS PEAK FLOW		Unknown Jul 9	Unknown Aug 1 1991
INSTANTANEOUS PEAK STAGE		5.28 Jul 9	5.99 Aug 1 1991
10 PERCENT EXCEEDS	7.4	8.1	13
50 PERCENT EXCEEDS	3.7	3.5	5.2
90 PERCENT EXCEEDS	2.2	2.2	2.8

*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.--Records fair except for estimated daily discharges, Nov. 19 - 21, Dec. 12 - 16, Jan. 26 - 28, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	1.8	5.0	2.0	4.9	3.4	3.8	4.7	2.2	3.4	2.3	3.4
2	1.6	1.9	2.4	2.3	3.7	3.7	3.8	3.9	2.1	3.0	2.0	2.9
3	1.5	1.8	2.1	2.5	3.7	3.8	3.5	6.2	2.2	3.0	2.0	2.1
4	1.6	3.1	2.1	2.4	3.6	3.8	3.5	3.8	2.7	2.7	1.9	1.3
5	1.7	1.8	2.1	2.9	3.3	3.7	3.5	3.7	3.3	2.0	2.1	1.1
6	1.7	1.8	2.0	1.9	3.1	3.8	4.0	3.6	5.3	2.9	1.8	1.1
7	2.0	2.4	2.2	2.3	3.5	3.9	3.7	3.6	3.2	2.2	1.8	1.1
8	3.1	5.5	2.0	3.7	3.2	3.7	3.6	3.7	3.2	3.6	2.0	1.5
9	1.6	5.6	1.9	4.7	3.3	3.8	3.7	3.7	3.1	13	3.4	1.6
10	1.7	2.8	1.9	3.1	3.4	3.7	3.7	3.8	3.2	3.8	2.5	1.7
11	1.9	1.9	2.2	3.3	3.3	3.8	3.8	3.8	3.5	3.4	2.6	1.4
12	2.8	2.1	2.1	1.9	3.1	3.7	4.1	5.2	4.1	3.5	3.0	1.3
13	2.3	2.0	2.0	2.0	9.2	3.7	3.8	3.8	3.2	3.7	2.5	1.2
14	1.5	1.9	2.0	2.7	12	5.2	3.8	3.8	4.6	3.4	2.5	1.4
15	1.4	1.1	1.8	3.3	4.7	4.3	3.7	3.2	3.6	3.6	2.1	1.2
16	1.5	2.6	1.9	5.4	3.4	3.9	3.7	3.0	3.1	3.5	2.0	1.2
17	1.6	3.7	1.9	3.2	3.2	3.8	3.7	2.9	3.4	2.9	2.1	1.4
18	1.6	2.2	3.1	3.8	3.8	3.7	3.7	2.6	2.2	2.7	2.6	1.4
19	1.6	1.9	3.0	3.7	4.1	4.1	5.0	3.5	2.1	2.1	2.5	1.3
20	1.5	2.0	3.9	3.6	3.6	3.5	4.8	3.0	2.9	1.9	3.2	1.3
21	2.4	1.7	3.4	3.5	6.7	3.7	3.8	3.2	2.6	2.1	2.5	1.4
22	2.9	1.9	2.4	3.5	7.8	3.7	4.1	3.2	2.2	2.2	2.3	1.4
23	2.9	1.8	2.6	2.0	4.5	3.9	4.5	2.7	1.9	2.5	2.0	1.4
24	2.8	1.8	2.8	1.8	4.4	3.9	4.0	2.3	2.4	6.4	1.9	1.9
25	2.5	2.0	2.8	2.1	3.6	3.9	4.1	2.5	2.4	2.0	1.7	4.6
26	1.8	2.0	2.6	2.3	3.5	4.6	3.8	2.4	3.4	2.0	1.7	2.9
27	1.5	2.1	2.4	2.2	3.4	4.7	5.0	3.4	4.2	2.1	1.7	1.9
28	1.6	2.1	2.2	3.3	3.5	4.6	6.2	2.5	3.5	2.3	2.1	2.4
29	1.6	1.9	2.1	3.7	---	4.1	3.9	3.2	4.0	2.5	2.4	2.2
30	1.7	2.0	2.1	4.4	---	3.9	4.3	3.1	3.4	2.9	3.8	1.7
31	1.8	---	2.1	4.4	---	4.2	---	3.3	---	3.7	3.5	---
TOTAL	59.5	69.2	75.1	93.9	123.5	122.2	120.6	107.3	93.2	101.0	72.5	52.7
MEAN	1.92	2.31	2.42	3.03	4.41	3.94	4.02	3.46	3.11	3.26	2.34	1.76
MAX	3.1	5.6	5.0	5.4	12	5.2	6.2	6.2	5.3	13	3.8	4.6
MIN	1.4	1.1	1.8	1.8	3.1	3.4	3.5	2.3	1.9	1.9	1.7	1.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1997, BY WATER YEAR (WY)

	MEAN	2.76	2.67	2.70	2.93	3.13	2.86	2.60	2.58	2.86	2.61	2.58	2.48
MAX	4.66	3.79	4.06	4.07	4.68	4.06	4.02	4.28	4.84	4.16	4.84	4.24	
(WY)	1991	1983	1990	1986	1985	1989	1997	1984	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1973 - 1997

ANNUAL TOTAL	829.9	1090.7	
ANNUAL MEAN	2.27	2.99	2.76
HIGHEST ANNUAL MEAN			3.74
LOWEST ANNUAL MEAN			1.72
HIGHEST DAILY MEAN	10	13	48
LOWEST DAILY MEAN	1.1	1.1	.46
ANNUAL SEVEN-DAY MINIMUM	1.4	1.3	.60
INSTANTANEOUS PEAK FLOW		214	* 448
INSTANTANEOUS PEAK STAGE		4.85	9.46
10 PERCENT EXCEEDS	3.1	4.1	3.9
50 PERCENT EXCEEDS	2.1	2.9	2.4
90 PERCENT EXCEEDS	1.6	1.7	1.7

* From rating curve extended above 5 ft³/s based on contracted opening indirect computations.

**Also occurred Sept. 5 - 7.

SAVANNAH RIVER BASIN
02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

411

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, Dec. 1, 18, 19, Jan. 16, Feb. 13, 14, 21, 22, May 3, 12, 27 - 31, June 1 - 3, 14, July 8 - 10, 24, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	2.3	5.5	2.7	4.0	3.3	3.6	4.6	2.6	3.4	2.2	3.2
2	2.0	2.6	3.0	2.8	3.3	3.6	3.6	3.9	2.6	3.1	2.0	2.8
3	1.9	2.4	2.8	3.0	3.3	3.7	3.4	7.0	2.8	3.1	2.1	2.4
4	1.9	3.6	2.8	2.9	3.3	3.7	3.4	3.9	2.9	3.0	2.0	1.8
5	2.0	2.2	2.8	3.2	3.1	3.6	3.4	3.8	3.2	2.6	2.1	1.6
6	2.0	2.3	2.8	2.6	3.0	3.6	3.9	3.7	4.8	3.3	2.0	1.6
7	2.2	2.8	3.0	2.7	3.3	3.7	3.6	3.7	3.2	2.8	1.9	1.6
8	3.6	4.6	2.8	3.6	3.1	3.5	3.6	3.7	3.2	4.2	2.0	1.8
9	2.1	4.0	2.8	4.4	3.1	3.5	3.7	3.8	3.1	15	2.9	2.0
10	2.1	2.6	2.7	3.1	3.2	3.4	3.7	3.8	3.1	4.0	2.4	2.1
11	2.2	2.1	2.8	3.3	3.1	3.5	3.8	3.8	3.4	3.1	2.4	1.8
12	2.7	2.2	2.8	2.5	2.9	3.5	4.0	6.0	3.9	3.1	2.7	1.8
13	2.5	2.1	2.7	2.5	11	3.5	3.8	3.9	3.2	3.2	2.4	1.7
14	2.0	2.2	2.7	2.8	14	5.2	3.7	3.8	5.1	3.0	2.4	1.8
15	1.9	1.8	2.6	3.1	5.3	4.1	3.6	3.4	3.4	3.2	2.3	1.7
16	1.9	2.6	2.6	5.7	3.4	3.6	3.6	3.2	3.2	3.1	2.2	1.7
17	2.0	3.3	2.7	3.2	3.2	3.6	3.6	3.2	3.5	2.7	2.3	1.8
18	2.0	2.6	3.8	3.6	3.8	3.5	3.7	3.0	2.8	2.5	2.7	1.9
19	2.1	2.5	3.5	3.5	4.0	3.9	4.8	3.5	2.6	2.2	2.5	1.8
20	2.0	2.6	3.9	3.4	3.5	3.4	4.8	3.2	3.0	2.0	3.2	1.8
21	2.6	2.6	3.5	3.3	7.3	3.5	3.8	3.3	3.0	2.1	2.5	1.8
22	2.9	2.5	2.9	3.4	8.2	3.5	4.1	3.3	2.7	2.2	2.4	1.9
23	3.1	2.6	3.0	2.7	4.3	3.6	4.6	3.0	2.4	2.3	2.2	1.9
24	2.9	2.6	3.1	2.5	4.2	3.6	3.9	2.8	2.8	7.0	2.2	2.2
25	2.7	2.7	3.0	2.6	3.5	3.7	4.0	3.0	2.7	2.1	2.0	4.5
26	2.2	2.8	2.9	2.8	3.3	4.2	3.7	2.9	3.3	2.1	2.0	2.9
27	2.0	2.8	2.9	2.7	3.3	4.3	4.7	3.6	3.9	2.1	2.0	2.2
28	2.0	2.9	2.8	3.3	3.4	4.3	6.7	3.1	3.5	2.2	2.3	2.5
29	2.1	2.8	2.7	3.3	---	4.0	3.9	3.4	3.7	2.2	2.5	2.2
30	2.2	2.9	2.7	3.8	---	3.8	4.2	3.2	3.3	2.5	3.5	2.0
31	2.3	---	2.8	3.7	---	4.1	---	3.4	---	2.9	3.2	---
TOTAL	70.2	80.6	93.4	98.7	124.4	116.0	118.9	113.9	96.9	102.3	73.5	62.8
MEAN	2.26	2.69	3.01	3.18	4.44	3.74	3.96	3.67	3.23	3.30	2.37	2.09
MAX	3.6	4.6	5.5	5.7	14	5.2	6.7	7.0	5.1	15	3.5	4.5
MIN	1.9	1.8	2.6	2.5	2.9	3.3	3.4	2.8	2.4	2.0	1.9	1.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1997, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	3.06	3.07	3.17	3.37	3.50	3.21	3.03	2.89	3.26	2.95	2.97	2.74						
MAX	4.84	4.87	4.47	4.62	5.00	4.26	5.38	5.79	4.80	4.71	5.30	4.79						
(WY)	1991	1984	1985	1986	1985	1983	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						

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1980 - 1997

ANNUAL TOTAL	965.0	1151.6	
ANNUAL MEAN	2.64	3.16	
HIGHEST ANNUAL MEAN			3.10
LOWEST ANNUAL MEAN			4.63
HIGHEST DAILY MEAN	6.0 Mar 7	15 Jul 9	1.92 1992
LOWEST DAILY MEAN	1.7 Sep 22	1.6 *Sep 5	33 Jun 24 1995
ANNUAL SEVEN-DAY MINIMUM	1.9 Sep 21	1.8 Sep 11	.60 Sep 15 1990
INSTANTANEOUS PEAK FLOW		Unknown Jul 9	.74 Sep 10 1990
INSTANTANEOUS PEAK STAGE			Unknown Apr 27 1991
10 PERCENT EXCEEDS	3.2	4.41 Jul 9	4.90 Apr 27 1991
50 PERCENT EXCEEDS	2.5	4.0	4.5
90 PERCENT EXCEEDS	2.1	3.0	2.8
		2.0	2.0

* Also occurred 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 fair except for estimated daily discharges, Oct. 19 to Dec. 11, July 6, 9, 10, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	4.3	15	4.4	9.0	12	8.7	7.5	3.7	4.0	6.9	6.9
2	6.2	4.5	10	4.6	6.9	12	8.8	5.8	2.4	4.3	5.3	6.4
3	5.7	4.6	6.8	4.1	6.6	12	8.2	16	2.5	4.0	5.3	5.6
4	5.3	4.9	6.9	4.5	6.3	11	8.2	11	4.7	2.4	4.9	4.5
5	5.7	4.7	6.7	7.7	5.6	10	9.0	7.6	5.0	2.2	4.6	4.3
6	5.5	5.2	6.5	6.1	5.3	9.9	10	5.5	15	2.5	4.7	5.8
7	5.5	7.5	7.2	5.4	6.2	9.8	9.0	5.1	9.2	4.0	4.8	4.8
8	15	12	7.9	7.0	7.3	9.3	8.1	6.4	7.2	3.4	4.6	4.3
9	7.4	11	6.7	23	7.3	9.1	8.2	6.6	6.0	15	5.7	4.1
10	5.6	7.3	5.8	13	6.7	9.0	6.7	6.3	5.0	30	5.0	5.0
11	4.8	5.9	5.2	10	6.3	8.5	6.1	6.3	6.8	10	5.3	4.5
12	4.9	5.8	5.3	7.9	5.5	8.2	7.3	11	8.0	7.7	5.8	4.1
13	4.4	5.5	5.5	7.4	15	8.8	7.3	8.8	8.2	7.0	5.5	3.9
14	3.7	5.2	5.5	6.4	45	19	6.3	7.5	10	6.0	5.7	4.1
15	3.5	5.0	6.1	6.8	44	15	6.3	6.0	8.7	7.3	5.6	3.9
16	3.9	5.2	5.4	19	22	11	6.9	5.2	6.2	7.9	5.5	4.0
17	4.2	6.2	5.0	11	15	10	6.7	4.8	6.6	12	5.7	4.4
18	4.3	6.1	6.1	9.2	13	9.1	6.9	3.0	11	8.3	6.3	4.8
19	4.2	5.7	14	8.7	12	10	8.9	3.6	5.7	5.9	5.6	4.9
20	4.1	5.7	9.6	7.7	11	11	11	3.4	4.6	5.2	7.2	4.9
21	4.4	5.6	7.2	7.3	12	8.4	7.1	3.9	4.0	5.4	7.5	5.0
22	5.0	5.0	5.6	7.5	39	8.0	8.2	3.0	3.2	5.3	6.1	5.1
23	4.9	4.9	5.0	6.6	18	8.5	15	2.4	3.0	6.2	5.9	5.2
24	4.7	5.4	5.1	5.4	14	9.0	11	2.1	3.2	18	5.4	5.5
25	4.6	5.6	5.7	7.2	12	9.0	8.0	3.0	3.0	17	4.9	19
26	4.4	5.3	5.4	6.1	12	9.8	7.5	2.8	3.9	6.6	4.9	26
27	4.2	4.9	5.1	5.6	13	10	9.9	6.1	5.0	5.4	4.9	12
28	4.3	5.2	4.9	6.0	13	10	30	3.5	10	5.2	5.5	12
29	4.2	5.0	4.9	5.9	---	11	13	3.6	8.1	5.1	6.0	9.2
30	4.3	13	4.6	12	---	9.3	9.0	4.8	5.0	5.3	7.3	6.4
31	4.2	---	4.4	9.4	---	9.9	---	4.8	---	7.3	6.8	---
TOTAL	160.0	182.2	205.1	252.9	389.0	317.6	277.3	177.4	184.9	235.9	175.2	200.6
MEAN	5.16	6.07	6.62	8.16	13.9	10.2	9.24	5.72	6.16	7.61	5.65	6.69
MAX	15	13	15	23	45	19	30	16	15	30	7.5	26
MIN	3.5	4.3	4.4	4.1	5.3	8.0	6.1	2.1	2.4	2.2	4.6	3.9
CFSM	.69	.81	.88	1.08	1.85	1.36	1.23	.76	.82	1.01	.75	.89
IN.	.79	.90	1.01	1.25	1.92	1.57	1.37	.88	.91	1.17	.87	.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1997, BY WATER YEAR (WY)

	MEAN	9.50	10.9	11.4	14.1	15.6	16.8	13.5	9.99	9.63	9.98	10.7	9.40
MAX	21.8	20.5	18.8	24.4	32.4	30.3	32.1	33.5	21.1	18.3	25.0	18.1	
(WY)	1991	1980	1977	1987	1973	1980	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1973 - 1997

ANNUAL TOTAL	2693.6	2758.1	11.8
ANNUAL MEAN	7.36	7.56	18.6
HIGHEST ANNUAL MEAN			1984
LOWEST ANNUAL MEAN			1997
HIGHEST DAILY MEAN	36 Mar 7	45 Feb 14	186 Aug 22 1990
LOWEST DAILY MEAN	2.2 May 21	2.1 May 24	2.1 May 24 1997
ANNUAL SEVEN-DAY MINIMUM	3.2 May 18	2.9 May 20	2.7 Jul 1 1990
INSTANTANEOUS PEAK FLOW		Unknown Jul 10	Unknown Aug 2 1991
INSTANTANEOUS PEAK STAGE		4.41 Jul 10	6.27 Aug 2 1991
ANNUAL RUNOFF (CFSM)	.98	1.00	1.56
ANNUAL RUNOFF (INCHES)	13.31	13.63	21.23
10 PERCENT EXCEEDS	11	12	20
50 PERCENT EXCEEDS	6.5	6.1	9.7
90 PERCENT EXCEEDS	4.3	4.1	5.6

SAVANNAH RIVER BASIN
02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC

413

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	6.1	21	9.7	18	17	12	13	15	10	12	8.4
2	12	7.1	23	10	16	15	12	11	8.6	13	8.0	7.2
3	10	6.8	11	10	15	15	12	21	6.1	14	7.3	8.2
4	9.1	7.5	9.6	9.9	15	14	11	30	9.6	9.0	7.0	5.7
5	7.8	7.2	9.9	16	14	13	11	14	10	6.3	6.3	4.3
6	8.8	6.9	9.1	14	14	13	14	12	32	7.8	6.8	5.0
7	8.5	8.2	9.8	12	14	13	13	9.8	23	17	6.4	5.7
8	33	18	11	13	16	12	11	11	16	11	5.9	4.4
9	20	19	11	47	16	12	11	12	13	17	7.3	4.4
10	11	13	8.3	24	15	12	11	11	11	119	7.3	4.6
11	11	9.1	8.2	15	15	12	9.4	11	14	26	6.7	6.5
12	8.9	8.8	8.5	12	14	12	12	16	22	12	7.7	5.1
13	9.5	8.5	9.1	11	22	12	11	21	24	11	7.4	4.7
14	7.3	8.3	8.4	11	73	32	9.9	14	19	8.5	6.8	4.2
15	6.8	7.3	9.0	13	135	23	9.3	12	22	9.2	6.4	4.4
16	6.7	7.4	8.9	40	41	15	9.3	9.3	15	12	5.9	4.2
17	7.1	9.8	8.7	22	28	14	9.1	9.4	14	19	6.2	4.6
18	6.7	9.1	9.8	16	23	14	8.6	8.0	27	14	9.6	5.0
19	6.3	9.3	27	16	21	17	9.0	6.4	17	9.1	13	4.9
20	6.1	8.4	15	15	15	21	13	8.1	12	7.6	9.9	4.5
21	6.3	8.2	13	15	15	14	10	7.9	9.8	7.1	14	4.1
22	7.7	7.5	11	15	83	13	9.0	7.8	8.9	7.3	9.1	4.3
23	7.6	6.9	10	15	31	13	22	6.8	8.9	8.0	7.6	4.6
24	7.6	8.0	11	13	20	13	14	5.9	8.2	14	7.0	5.0
25	7.1	8.2	11	16	17	14	12	8.0	7.8	39	5.9	28
26	7.1	7.7	10	14	16	14	9.5	8.7	8.5	16	5.8	48
27	6.1	7.2	10	14	17	15	13	14	9.5	11	5.5	27
28	6.4	7.4	10	14	16	14	60	11	30	8.5	5.7	21
29	6.7	7.2	9.8	14	---	17	31	8.2	20	7.5	5.9	16
30	6.2	7.6	9.5	27	---	14	16	10	14	7.7	7.5	11
31	6.1	---	9.5	18	---	13	---	11	---	10	8.8	---
TOTAL	283.5	261.7	351.1	511.6	755	462	415.1	359.3	455.9	488.6	236.7	275.0
MEAN	9.15	8.72	11.3	16.5	27.0	14.9	13.8	11.6	15.2	15.8	7.64	9.17
MAX	33	19	27	47	135	32	60	30	32	119	14	48
MIN	6.1	6.1	8.2	9.7	14	12	8.6	5.9	6.1	6.3	5.5	4.1
CFSM	.73	.70	.91	1.32	2.16	1.19	1.11	.93	1.22	1.26	.61	.73
IN.	.84	.78	1.04	1.52	2.25	1.37	1.24	1.07	1.36	1.45	.70	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1997, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	14.6	14.6	17.2	21.7	25.3	25.3	19.4	14.6	15.0	14.8	16.9	12.7													
MAX	68.0	26.0	24.8	39.4	52.7	44.6	38.1	43.2	37.1	48.9	75.7	17.7													
(WY)	1991	1980	1995	1993	1993	1980	1984	1984	1973	1991	1991	1991													
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													

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1973 - 1997

ANNUAL TOTAL	5070.6	4855.5	
ANNUAL MEAN	13.9	13.3	17.5
HIGHEST ANNUAL MEAN			32.7
LOWEST ANNUAL MEAN			12.4
HIGHEST DAILY MEAN	85	135	830
LOWEST DAILY MEAN	4.7	4.1	2.7
ANNUAL SEVEN-DAY MINIMUM	5.6	4.5	3.2
INSTANTANEOUS PEAK FLOW		* 254	Unknown
INSTANTANEOUS PEAK STAGE		3.94	6.89
ANNUAL RUNOFF (CFSM)	1.11	1.06	1.40
ANNUAL RUNOFF (INCHES)	15.09	14.45	18.97
10 PERCENT EXCEEDS	22	21	29
50 PERCENT EXCEEDS	11	11	14
90 PERCENT EXCEEDS	7.1	6.3	7.9

*From rating curve extended above 83 ft³/s based on step-backwater computation

**Also occurred on July 10.

SAVANNAH RIVER BASIN
02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'21", long 81°43'26", Barnwell County, Hydrologic Unit 03060106, on left downstream side of bridge on SRS Road A-12.2, 500 ft northwest of SRS Road A-13, 1.0 mi southeast of Area D, at Savannah River Site.

DRAINAGE AREA.--22.0 mi².

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.--Records good except for estimated daily discharges, Sept. 18 - 21, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	19	36	22	27	26	19	19	22	16	18	14
2	26	21	48	23	25	24	19	18	16	19	15	14
3	24	21	26	22	24	23	19	22	13	16	14	14
4	21	20	23	22	24	23	18	39	14	17	14	13
5	20	21	23	28	23	22	18	20	15	13	13	12
6	20	21	22	29	22	21	19	18	29	13	15	11
7	21	21	22	25	22	21	20	16	35	19	13	12
8	53	34	24	26	26	21	18	16	20	20	13	12
9	48	39	24	62	25	21	18	17	17	36	13	11
10	25	27	21	51	24	21	17	16	15	165	14	11
11	22	22	21	28	23	21	16	16	16	70	14	13
12	20	21	22	25	23	20	18	18	24	20	13	13
13	21	21	22	23	30	20	18	26	26	17	14	12
14	20	20	21	23	109	39	16	19	23	15	13	11
15	19	20	21	23	207	38	16	17	26	14	13	11
16	19	20	22	51	65	24	16	15	19	17	13	11
17	19	21	22	29	38	21	16	15	20	21	14	11
18	19	22	23	25	31	21	15	14	31	20	16	12
19	19	23	48	25	31	24	15	13	25	16	20	12
20	19	22	30	24	27	34	18	14	17	14	16	12
21	19	22	26	23	25	23	17	13	15	13	19	11
22	20	21	24	23	123	21	16	14	14	13	16	11
23	20	21	23	24	54	20	28	13	15	13	14	12
24	20	21	23	22	31	20	21	13	14	17	13	12
25	20	22	24	27	27	21	18	14	14	37	13	31
26	20	22	23	24	25	21	16	15	13	25	12	84
27	19	21	23	23	26	22	20	16	14	22	12	63
28	19	21	23	23	25	22	66	18	28	15	12	34
29	20	22	22	23	---	25	55	14	26	14	12	27
30	19	21	22	38	---	21	23	14	19	14	13	19
31	19	---	22	30	---	20	---	16	---	15	15	---
TOTAL	695	670	776	866	1162	721	629	528	595	756	439	546
MEAN	22.4	22.3	25.0	27.9	41.5	23.3	21.0	17.0	19.8	24.4	14.2	18.2
MAX	53	39	48	62	207	39	66	39	35	165	20	84
MIN	19	19	21	22	22	20	15	13	13	13	12	11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1997, BY WATER YEAR (WY)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	144	153	182	191	155	133	150	147	141	150	148	143									
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									

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1977 - 1997

ANNUAL TOTAL	9644	8383	
ANNUAL MEAN	26.3	23.0	
HIGHEST ANNUAL MEAN			102
LOWEST ANNUAL MEAN			370
HIGHEST DAILY MEAN			20.4
LOWEST DAILY MEAN	122	207	1200
ANNUAL SEVEN-DAY MINIMUM	14	11	6.7
INSTANTANEOUS PEAK FLOW	15	299	Unknown
INSTANTANEOUS PEAK STAGE		3.66	6.72
10 PERCENT EXCEEDS	38	30	412
50 PERCENT EXCEEDS	23	20	46
90 PERCENT EXCEEDS	17	13	17

* Also occurred on July 9, 10, 1990.

** Also occurred on July 3, 4.

*** 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

415

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 is 100 ft above sea level (from topographic map). Prior to Oct. 1, 1990, at datum 1.00 ft lower.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	39	57	33	21	36	9.1	12	24	23	21	4.9
2	38	42	67	35	18	31	8.3	8.6	22	29	14	4.6
3	34	43	45	34	17	29	7.8	11	17	20	11	4.3
4	29	40	39	33	16	26	8.3	19	13	16	9.5	4.7
5	24	39	38	39	15	24	6.9	9.8	13	13	8.9	4.3
6	23	38	38	41	15	22	7.3	7.4	61	19	20	4.3
7	30	39	37	40	14	21	8.5	5.9	50	19	12	4.1
8	135	72	37	43	19	20	6.1	8.3	29	36	8.8	4.0
9	83	70	36	91	19	20	5.5	9.3	20	111	8.0	3.6
10	57	48	35	63	16	20	4.9	7.0	16	299	9.2	3.6
11	48	46	35	44	15	19	4.7	5.8	16	65	9.0	4.4
12	45	42	35	38	14	18	6.9	8.8	22	35	7.3	4.0
13	45	41	37	37	25	18	6.8	16	21	25	6.4	3.6
14	44	44	35	35	97	60	4.7	11	26	20	5.7	3.5
15	43	41	34	33	171	51	4.5	14	40	17	5.3	3.4
16	43	40	34	78	56	25	4.4	8.9	28	26	5.3	3.1
17	45	40	34	51	37	20	5.5	7.7	26	61	13	3.3
18	44	40	37	39	30	18	4.4	7.8	60	29	18	3.4
19	42	42	73	36	27	22	4.4	7.7	50	20	9.3	3.4
20	41	43	45	34	24	39	4.4	7.8	35	16	9.5	3.1
21	41	39	38	32	24	26	4.4	7.5	24	13	12	3.0
22	40	41	36	32	154	22	6.1	6.8	21	12	8.0	2.5
23	40	38	35	31	63	17	19	6.8	20	11	5.7	2.5
24	40	37	34	31	43	15	11	7.9	28	20	4.9	4.0
25	39	38	34	39	39	14	4.8	12	23	25	4.8	34
26	38	37	33	36	36	14	4.5	15	17	21	4.7	79
27	38	36	34	31	34	13	15	14	16	24	4.7	36
28	39	36	34	18	32	13	117	17	47	16	4.5	25
29	40	36	34	16	---	23	62	19	45	12	4.5	18
30	40	36	34	44	---	16	25	14	28	11	7.4	11
31	39	---	35	29	---	11	---	14	---	21	9.8	---
TOTAL	1359	1263	1209	1216	1091	723	392.2	327.8	858	1085	282.2	292.6
MEAN	43.8	42.1	39.0	39.2	39.0	23.3	13.1	10.6	28.6	35.0	9.10	9.75
MAX	135	72	73	91	171	60	117	19	61	299	21	79
MIN	23	36	33	16	14	11	4.4	5.8	13	11	4.5	2.5
IN.	2.38	2.22	2.12	2.13	1.91	1.27	.69	.58	1.51	1.90	.50	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1997, BY WATER YEAR (WY)

	198	187	221	208	204	242	228	212	200	211	200	178
MEAN	198	187	221	208	204	242	228	212	200	211	200	178
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	18.6	23.4	31.0	39.2	39.0	23.3	13.1	10.6	24.9	31.3	9.10	9.75
(WY)	1993	1993	1993	1997	1997	1997	1997	1997	1990	1993	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1977 - 1997

ANNUAL TOTAL	16360	10098.8	
ANNUAL MEAN	44.7	27.7	188
HIGHEST ANNUAL MEAN			383
LOWEST ANNUAL MEAN			27.7
HIGHEST DAILY MEAN	184	Aug 2	760
LOWEST DAILY MEAN	10	Aug 24	2.5
ANNUAL SEVEN-DAY MINIMUM	14	Aug 18	3.0
INSTANTANEOUS PEAK FLOW			530
INSTANTANEOUS PEAK STAGE			3.77
ANNUAL RUNOFF (INCHES)	28.71	17.72	120.62
10 PERCENT EXCEEDS	64	45	425
50 PERCENT EXCEEDS	40	23	143
90 PERCENT EXCEEDS	30	4.8	33

*Also occurred on Sept. 23.

SAVANNAH RIVER BASIN
021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'58", long 81°36'13", Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRS Road C, and 0.8 mi upstream of SRS Road B, at Savannah River Site.

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

GAGE.--Data collection platform. Elevation of gage is 208 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges, Jan. 9. Records fair. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	9.7	12	10	10	1.7	1.4	1.4	1.4	1.2	1.3	1.2
2	9.7	10	10	10	10	1.7	1.4	1.4	1.3	1.2	1.3	1.2
3	9.5	9.8	10	10	10	1.7	1.4	1.4	1.2	1.2	1.2	1.2
4	9.5	9.8	10	10	10	1.6	1.4	1.3	1.2	1.1	1.2	1.2
5	9.5	9.7	10	11	10	1.6	1.4	1.3	1.2	1.2	1.4	1.2
6	9.5	9.7	10	10	10	1.6	1.5	1.3	1.9	1.2	1.7	1.1
7	10	9.9	10	10	9.8	1.5	1.4	1.3	1.3	3.4	1.3	1.1
8	14	12	10	11	10	1.5	1.4	1.3	1.3	1.8	1.2	1.1
9	9.8	9.6	10	12	9.8	1.5	1.4	1.3	1.2	11	1.2	1.1
10	9.7	9.7	10	10	9.7	1.5	1.4	1.2	1.2	10	1.3	1.2
11	9.3	9.7	10	10	9.6	1.5	1.4	1.2	1.3	1.8	1.2	1.3
12	9.2	9.8	10	10	9.6	1.4	1.5	1.3	1.3	1.6	1.2	1.2
13	9.4	9.8	10	10	11	1.5	1.4	1.3	1.3	1.4	1.2	1.2
14	9.3	9.8	10	10	14	2.8	1.4	1.3	1.5	1.3	1.2	1.2
15	9.2	10	10	10	13	1.7	1.4	1.3	1.3	1.3	1.2	1.2
16	9.1	10	10	12	10	1.5	1.4	1.2	1.3	1.6	1.2	1.2
17	9.0	10	10	9.8	10	1.5	1.4	1.2	3.1	1.5	1.2	1.2
18	9.2	10	11	9.8	9.9	1.5	1.4	1.2	1.5	1.3	1.2	1.2
19	9.1	10	11	9.8	7.8	2.0	1.4	1.2	1.3	1.2	1.2	1.2
20	9.1	10	9.9	9.6	1.8	1.7	1.4	1.3	1.3	1.2	1.5	1.1
21	9.0	10	10	9.6	1.8	1.6	1.4	1.2	1.3	1.2	1.3	1.1
22	9.0	10	10	9.6	6.0	1.5	1.4	1.3	1.2	1.2	1.2	1.2
23	9.0	10	10	9.8	2.4	1.5	1.8	1.3	1.2	1.4	1.2	1.2
24	8.9	10	10	9.8	2.0	1.5	1.3	1.3	1.2	2.1	1.2	1.6
25	8.9	10	10	10	1.9	1.5	1.3	1.4	1.2	1.4	1.2	3.1
26	8.9	11	10	9.6	1.8	1.5	1.3	1.3	1.2	1.4	1.1	2.8
27	8.9	10	10	9.9	1.7	1.5	1.7	1.5	1.3	1.3	1.2	1.5
28	9.1	10	10	10	1.7	1.5	3.7	1.3	2.2	1.3	1.1	1.5
29	9.3	10	10	10	---	1.5	1.8	1.3	1.2	1.2	1.1	1.2
30	9.5	10	10	11	---	1.4	1.4	1.3	1.2	1.3	1.2	1.1
31	9.6	---	10	10	---	1.4	---	1.4	---	1.5	1.2	---
TOTAL	292.8	300.0	313.9	314.3	215.3	49.4	45.3	40.3	41.6	62.8	38.4	39.9
MEAN	9.45	10.0	10.1	10.1	7.69	1.59	1.51	1.30	1.39	2.03	1.24	1.33
MAX	14	12	12	12	14	2.8	3.7	1.5	3.1	11	1.7	3.1
MIN	8.9	9.6	9.9	9.6	1.7	1.4	1.3	1.2	1.2	1.1	1.1	1.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1997, BY WATER YEAR (WY)

	MEAN	4.53	2.97	3.44	5.33	8.17	13.1	15.8	3.89	7.77	15.3	11.0	8.76
MAX	10.0	10.0	10.1	19.4	42.5	66.1	64.0	10.1	28.9	109	97.8	62.1	62.1
(WY)	1992	1997	1997	1994	1993	1993	1991	1996	1991	1991	1991	1988	1988
MIN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.95	.96	1.19	1.19
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1993	1989	1989

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1986 - 1997

ANNUAL TOTAL	3462.8	1754.0	
ANNUAL MEAN	9.46	4.81	8.44
HIGHEST ANNUAL MEAN			30.0
LOWEST ANNUAL MEAN			1.04
HIGHEST DAILY MEAN	22	14	220
LOWEST DAILY MEAN	2.7	1.1**	.50
ANNUAL SEVEN-DAY MINIMUM	2.8	1.1	.77
INSTANTANEOUS PEAK FLOW		154	Unknown
INSTANTANEOUS PEAK STAGE		2.48	5.57
10 PERCENT EXCEEDS	12	10	13
50 PERCENT EXCEEDS	10	1.5	2.3
90 PERCENT EXCEEDS	3.5	1.2	1.1

*Also occurred Feb. 14.

**Also occurred Aug. 26, 28, 29, Sept. 6 - 9, 20, 21, 30.

SAVANNAH RIVER BASIN
021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

417

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.--Records good except for estimated daily discharges, Dec. 17, 18, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	44	44	44	44	72	64	62	13	14	12	72
2	45	44	43	44	44	73	65	62	13	14	12	50
3	45	44	44	44	44	73	65	63	13	14	12	12
4	45	44	43	44	44	71	66	62	13	14	12	11
5	45	44	43	44	44	71	66	32	13	14	12	10
6	45	44	43	44	45	73	65	12	13	14	12	10
7	45	44	44	44	50	73	65	16	13	14	12	10
8	45	44	44	44	50	73	65	33	13	40	12	11
9	45	44	43	44	50	73	65	12	13	61	12	11
10	45	44	43	44	50	73	65	12	13	61	12	11
11	45	43	44	44	50	73	65	45	14	32	12	11
12	45	43	44	43	50	72	66	65	14	13	12	11
13	45	43	44	43	50	73	65	64	14	13	12	11
14	45	44	44	43	50	73	62	65	14	13	12	11
15	45	44	44	44	50	72	60	44	14	13	12	11
16	45	44	44	44	50	72	64	13	13	14	12	11
17	45	44	44	43	50	71	63	13	14	13	12	11
18	45	44	44	43	50	71	63	13	13	13	12	11
19	45	44	44	43	65	64	63	13	13	13	12	11
20	45	44	43	43	68	64	64	13	14	13	13	10
21	45	44	43	43	67	64	64	13	13	13	13	10
22	45	44	43	43	68	64	60	13	13	13	12	10
23	45	44	43	43	68	64	67	13	13	13	12	10
24	44	44	43	43	68	63	61	13	13	13	12	44
25	44	44	43	43	68	64	58	13	13	13	12	66
26	44	44	43	43	68	64	62	13	13	13	12	68
27	44	43	44	44	69	64	62	13	14	13	34	68
28	44	43	44	44	71	64	62	13	14	13	73	67
29	44	43	44	44	---	64	61	13	14	13	72	67
30	44	44	44	44	---	64	62	13	14	13	73	67
31	44	---	44	44	---	63	---	13	---	12	72	---
TOTAL	1387	1314	1351	1351	1545	2132	1905	857	401	552	638	794
MEAN	44.7	43.8	43.6	43.6	55.2	68.8	63.5	27.6	13.4	17.8	20.6	26.5
MAX	45	44	44	44	71	73	67	65	14	61	73	72
MIN	44	43	43	43	44	63	58	12	13	12	12	10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1997, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	81.6	106	125	128	133	151	167	160	156	94.7	77.9	82.9
MAX	106	283	369	328	364	334	371	362	362	156	162	150
(WY)	1989	1988	1987	1986	1987	1987	1986	1988	1987	1991	1989	1989
MIN	44.7	43.0	43.0	43.0	42.8	43.6	43.9	27.6	13.4	17.8	20.6	26.5
(WY)	1997	1996	1996	1996	1996	1996	1996	1997	1997	1997	1997	1997

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1986 - 1997

ANNUAL TOTAL	16213	14227	
ANNUAL MEAN	44.3	39.0	114
HIGHEST ANNUAL MEAN			254
LOWEST ANNUAL MEAN			39.0
HIGHEST DAILY MEAN	48	73 **	470
LOWEST DAILY MEAN	42 * Aug 23	10 *** Sep 5	1.4
ANNUAL SEVEN-DAY MINIMUM	42 Feb 2	10 Sep 17	10
INSTANTANEOUS PEAK FLOW		101 Apr 21	536
INSTANTANEOUS PEAK STAGE		5.86 Apr 21	20.87
10 PERCENT EXCEEDS	47	67	361
50 PERCENT EXCEEDS	44	44	94
90 PERCENT EXCEEDS	43	12	42

* Also occurred on Feb. 3 - 8.

**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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	59	76	72	65	87	56	84	31	19	20	20
2	67	66	89	74	63	85	48	82	28	19	17	20
3	65	66	77	71	62	86	51	85	26	18	17	20
4	63	61	75	67	67	89	54	86	21	18	17	22
5	61	60	68	69	71	87	54	74	19	18	17	21
6	61	59	63	70	71	83	54	64	29	18	18	20
7	64	59	63	70	70	82	55	55	24	18	17	20
8	153	84	63	72	75	82	53	36	21	22	17	20
9	81	78	62	94	73	82	53	29	20	41	17	20
10	63	61	61	86	71	82	53	29	19	131	20	20
11	60	64	62	78	71	85	53	28	19	30	19	25
12	59	68	61	75	70	71	55	29	20	22	18	23
13	59	68	62	75	77	65	54	32	19	20	17	22
14	53	67	61	69	114	106	62	29	21	18	17	22
15	45	68	60	65	165	103	68	28	22	18	17	22
16	47	67	60	85	115	92	68	28	20	18	18	21
17	56	67	59	72	102	90	67	28	19	23	25	22
18	62	67	61	65	97	89	67	27	23	20	35	22
19	62	70	82	64	95	87	67	27	21	18	33	22
20	62	64	63	64	93	89	67	27	19	18	22	22
21	56	59	59	63	93	84	67	27	23	17	20	22
22	49	63	59	62	151	82	67	26	19	17	19	22
23	48	66	67	62	109	88	78	26	19	17	19	22
24	48	66	75	62	99	80	71	26	19	23	19	24
25	48	66	74	68	96	77	70	28	18	23	19	43
26	48	67	74	64	95	74	71	29	18	19	18	74
27	48	66	73	62	90	70	85	29	18	18	18	36
28	48	66	73	62	86	68	113	28	30	18	19	33
29	49	66	73	62	---	73	104	27	23	17	19	29
30	55	66	73	82	---	68	87	27	20	17	19	26
31	59	---	72	69	---	66	---	27	---	20	20	---
TOTAL	1863	1974	2100	2175	2506	2552	1972	1207	648	733	607	757
MEAN	60.1	65.8	67.7	70.2	89.5	82.3	65.7	38.9	21.6	23.6	19.6	25.2
MAX	153	84	89	94	165	106	113	86	31	131	35	74
MIN	45	59	59	62	62	65	48	26	18	17	17	20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1997, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	81.8	138	159	157	157	180	186	159	169	108	81.8	79.6	
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	63.3	58.8	53.9	55.4	45.8	44.7	31.1	21.6	23.6	19.6	23.9	
(WY)	1986	1996	1989	1996	1996	1985	1985	1985	1997	1997	1997	1985	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1985 - 1997

ANNUAL TOTAL	22194	19094	143
ANNUAL MEAN	60.6	52.3	287
HIGHEST ANNUAL MEAN			1988
LOWEST ANNUAL MEAN			1997
HIGHEST DAILY MEAN	229	Sep 6	500
LOWEST DAILY MEAN	22	Jul 3	7.7
ANNUAL SEVEN-DAY MINIMUM	25	Jun 28	12
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE			* 4.32
10 PERCENT EXCEEDS	83	85	374
50 PERCENT EXCEEDS	59	60	87
90 PERCENT EXCEEDS	35	19	43

* At datum then in use.

**Also occurred many days in July, Aug.

SAVANNAH RIVER BASIN
02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC

419

LOCATION.--Lat 33°14'07", long 81°31'00", Barnwell County, Hydrologic Unit 03060106, on right upstream side of west bound bridge on SRS Rd B, 200 ft downstream of spillway culvert below Par Pond, at Savannah River Site.

DRAINAGE AREA.--34.9 mi².

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to current year.

GAGE.--Data collection platform. Elevation of gage is 145 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, July 25 to Aug. 15, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	12	14	17	29	49	28	30	11	21	27	12
2	18	14	18	17	28	47	23	28	11	20	23	12
3	18	13	17	17	27	45	21	30	11	19	20	13
4	18	11	17	17	26	43	20	30	10	17	18	16
5	15	11	17	19	26	40	19	27	9.1	16	16	14
6	14	11	16	20	25	39	19	25	13	17	16	13
7	15	11	17	20	24	34	21	23	13	16	15	13
8	34	19	18	21	26	32	20	21	12	15	14	13
9	29	20	16	30	26	30	18	20	11	22	13	13
10	26	18	15	30	25	29	17	18	11	44	15	13
11	24	16	14	28	24	28	15	17	11	36	16	13
12	22	15	14	26	23	26	16	16	12	32	14	13
13	21	14	15	24	27	24	17	17	15	29	12	13
14	19	13	14	23	41	34	15	15	16	26	11	14
15	18	13	13	22	61	37	14	15	17	24	9.9	13
16	17	11	13	34	57	32	13	13	16	26	9.2	14
17	17	11	12	30	54	23	14	12	16	29	8.8	14
18	17	11	14	28	51	22	13	12	20	27	8.9	13
19	16	12	24	25	48	24	11	11	20	24	8.6	13
20	14	12	20	24	46	26	11	11	19	21	9.3	13
21	13	12	19	23	44	25	11	10	18	19	11	13
22	13	12	18	23	68	26	12	9.3	16	17	10	13
23	13	11	18	23	61	24	16	8.7	15	18	8.9	13
24	12	11	18	23	57	23	16	8.0	14	28	8.1	13
25	11	11	18	27	54	22	15	8.9	13	31	7.6	16
26	11	12	17	26	52	23	14	10	12	27	12	17
27	11	11	17	25	50	22	17	11	14	31	15	15
28	11	10	17	24	49	22	30	10	27	28	15	18
29	11	9.9	17	24	---	24	34	9.2	25	26	14	18
30	12	9.9	17	31	---	24	32	8.8	23	22	12	16
31	12	---	17	30	---	35	---	9.1	---	25	13	---
TOTAL	521	377.8	511	751	1129	934	542	494.0	451.1	753	411.3	417
MEAN	16.8	12.6	16.5	24.2	40.3	30.1	18.1	15.9	15.0	24.3	13.3	13.9
MAX	34	20	24	34	68	49	34	30	27	44	27	18
MIN	11	9.9	12	17	23	22	11	8.0	9.1	15	7.6	12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)

	MEAN	28.6	29.3	33.6	45.4	46.5	49.2	36.5	34.1	32.0	29.4	38.2	31.8
MAX	83.7	69.0	59.5	95.7	77.9	92.8	81.9	69.6	62.0	62.6	135	109	
(WY)	1991	1993	1990	1993	1991	1980	1980	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	

SUMMARY STATISTICS

FOR 1996 CALENDAR YEAR

FOR 1997 WATER YEAR

WATER YEARS 1974 - 1997

ANNUAL TOTAL	8364.3	7292.2	
ANNUAL MEAN	22.9	20.0	
HIGHEST ANNUAL MEAN			36.7
LOWEST ANNUAL MEAN			65.2
HIGHEST DAILY MEAN	57	Mar 28	17.1
LOWEST DAILY MEAN	6.6	Jul 14	220
ANNUAL SEVEN-DAY MINIMUM	7.9	Jul 24	.60
INSTANTANEOUS PEAK FLOW			.91
INSTANTANEOUS PEAK STAGE			225
10 PERCENT EXCEEDS	42		5.06
50 PERCENT EXCEEDS	19		66
90 PERCENT EXCEEDS	11		34
			8.5

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.--Records fair except for estimated daily discharges, Dec. 6, May 8, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	29	51	---	---	---	---	---	48	50	59	25
2	50	39	69	---	---	---	---	---	33	47	47	24
3	48	39	44	---	---	---	---	---	29	41	41	24
4	42	32	40	---	---	---	---	---	27	37	39	39
5	37	31	39	---	---	---	---	---	25	37	36	29
6	35	31	---	---	---	---	---	---	55	44	36	25
7	34	31	---	---	---	---	---	---	49	37	33	24
8	221	61	---	---	---	---	---	46	36	42	31	23
9	94	74	---	---	---	---	---	44	31	45	29	22
10	51	45	---	---	---	---	---	42	27	270	36	23
11	43	40	---	---	---	---	---	39	32	96	35	39
12	40	37	---	---	---	---	---	38	44	73	28	31
13	37	35	---	---	---	---	---	45	41	63	25	28
14	36	34	---	---	---	---	---	39	49	54	24	26
15	35	34	---	---	---	---	---	35	51	48	24	25
16	34	33	---	---	---	---	---	33	40	60	22	25
17	33	32	---	---	---	---	---	30	37	119	20	25
18	33	31	---	---	---	---	---	28	52	64	21	25
19	33	36	---	---	---	---	---	27	49	52	23	24
20	32	34	---	---	---	---	---	26	42	46	22	23
21	31	33	---	---	---	---	---	25	38	41	26	23
22	29	33	---	---	---	---	---	23	36	37	23	22
23	29	32	---	---	---	---	---	21	31	35	20	23
24	29	31	---	---	---	---	---	21	30	60	19	26
25	29	31	---	---	---	---	---	24	27	73	17	57
26	28	33	---	---	---	---	---	27	29	57	18	120
27	28	32	---	---	---	---	---	33	26	71	26	69
28	28	31	---	---	---	---	---	30	191	61	26	90
29	29	30	---	---	---	---	---	26	82	53	25	57
30	29	30	---	---	---	---	---	25	58	48	25	40
31	29	---	---	---	---	---	---	26	---	58	28	---
TOTAL	1345	1074	---	---	---	---	---	---	1345	1919	884	1056
MEAN	43.4	35.8	---	---	---	---	---	---	44.8	61.9	28.5	35.2
MAX	221	74	---	---	---	---	---	---	191	270	59	120
MIN	28	29	---	---	---	---	---	---	25	35	17	22
CFSM	.73	.60	---	---	---	---	---	---	.76	1.04	.48	.59
IN.	.84	.67	---	---	---	---	---	---	.84	1.20	.55	.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1997, BY WATER YEAR (WY)

	MEAN	64.3	69.0	82.0	108	113	119	89.4	75.7	66.7	60.7	79.1	68.1
MAX	202	122	142	186	185	247	198	165	122	154	290	204	
(WY)	1991	1991	1990	1978	1991	1980	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	

SUMMARY STATISTICS

WATER YEARS 1974 - 1997

ANNUAL MEAN	84.6	
HIGHEST ANNUAL MEAN	145	1991
LOWEST ANNUAL MEAN	57.0	1981
HIGHEST DAILY MEAN	743	Oct 23 1990
LOWEST DAILY MEAN	13	Jul 19 1986
ANNUAL SEVEN-DAY MINIMUM	15	Oct 3 1981
INSTANTANEOUS PEAK FLOW	*913	Oct 23 1990
INSTANTANEOUS PEAK STAGE	4.53	Oct 23 1990
ANNUAL RUNOFF (CFSM)	1.43	
ANNUAL RUNOFF (INCHES)	19.38	
10 PERCENT EXCEEDS	147	
50 PERCENT EXCEEDS	71	
90 PERCENT EXCEEDS	29	

*From rating extended above 443 ft³/s.

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

421

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.--Records good except for estimated daily discharges, Jan. 29 to Feb. 1, which are poor. 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, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6100	5370	5160	5960	10700	23500	10900	14600	7580	7750	7200	5660
2	7530	5280	5360	5270	9580	23100	8630	16000	6860	8140	7410	5500
3	8890	5070	5950	5150	7570	22700	9240	17100	5870	8610	8140	5400
4	9710	5320	7540	6080	7560	22400	12700	18400	5690	8500	7290	5420
5	9560	5740	7630	6740	9090	22100	14200	19300	5760	8110	6940	5510
6	9310	5540	6850	6400	10000	21700	13400	19400	5740	7280	8970	5300
7	8750	5300	7020	6430	10000	21400	10100	18900	5790	6460	10900	5090
8	9230	5580	7480	7150	10200	21500	9220	18200	5680	6410	11500	4860
9	11100	5910	7270	8760	10500	22000	10900	17500	5420	7090	11300	4830
10	12800	6050	7000	11100	10500	23100	12300	16900	6150	8200	10500	5150
11	14100	6630	7710	13700	10600	24700	13100	16000	10200	8580	8820	5310
12	14700	6700	7320	15300	10500	26400	13700	12700	12700	8300	8310	5260
13	14900	5840	6490	16200	10400	27500	14200	8820	14100	7210	9200	5380
14	12700	5740	6650	16900	11100	28200	11200	7410	15100	6130	9390	5190
15	8630	5450	6780	17600	13700	27000	7890	8620	15900	6520	9870	4960
16	7720	5350	7160	18400	16000	24400	7270	9590	15200	8200	9820	5120
17	8280	5000	7150	19200	17500	21700	6760	10300	10400	8890	9450	5620
18	8270	4950	7450	19800	18800	19300	6440	8890	8420	9120	8260	5570
19	8630	5600	7550	19600	20000	16700	6210	7480	9460	8870	8060	5610
20	7850	5680	7200	18600	20000	14300	6250	6170	10300	8200	9840	5410
21	6680	5300	8820	16500	18700	12800	6220	7160	9820	6650	9700	5250
22	7030	4790	10800	13500	18300	12500	5600	8020	9350	6430	9460	4960
23	6380	4590	11300	11300	18800	11900	6170	7600	9290	7390	9440	4610
24	6350	4550	10300	10200	19500	10100	7440	7310	8790	8090	8490	4850
25	5900	4480	7330	9180	20600	10100	10700	6740	8970	8330	7220	5030
26	5280	4520	6380	8580	22000	12500	13400	5720	9070	9070	7860	6440
27	5410	4560	6420	7490	23100	14200	14800	5530	9150	8610	8630	9130
28	5380	4840	6400	8680	23700	15200	15000	6500	10400	7470	8820	9360
29	5350	5200	6270	8940	---	15900	13800	7070	10400	6860	8260	7480
30	5660	5170	6230	8710	---	16300	13100	7250	8800	7220	7180	6350
31	5650	---	6140	9480	---	14700	---	7560	---	7150	6420	---
TOTAL	263830	160100	225110	356900	409000	599900	310840	348740	276360	239840	272650	169610
MEAN	8511	5337	7262	11510	14610	19350	10360	11250	9212	7737	8795	5654
MAX	14900	6700	11300	19800	23700	28200	15000	19400	15900	9120	11500	9360
MIN	5280	4480	5160	5150	7560	10100	5600	5530	5420	6130	6420	4610
CFSM	.98	.62	.84	1.33	1.69	2.24	1.20	1.30	1.06	.89	1.02	.65
IN.	1.13	.69	.97	1.53	1.76	2.58	1.34	1.50	1.19	1.03	1.17	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1997, BY WATER YEAR (WY)

MEAN	7591	7822	10050	12520	13910	16640	14590	10470	8143	8174	8519	7698
MAX	20150	22070	32410	35290	32430	33880	46240	29980	15960	19400	28040	20010
(WY)	1965	1948	1949	1993	1960	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
02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1940 - 1997	
ANNUAL TOTAL	4185610		3632880		10490	
ANNUAL MEAN	11440		9953		18320	1964
HIGHEST ANNUAL MEAN					5790	1988
LOWEST ANNUAL MEAN						
HIGHEST DAILY MEAN	32800	Feb 16	28200	Mar 14	138000	Aug 18 1940
LOWEST DAILY MEAN	4480	Nov 25	4480	Nov 25	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	4620	Nov 22	4620	Nov 22	2490	Sep 9 1951
INSTANTANEOUS PEAK FLOW			28400	Mar 14	141000	Aug 18 1940
INSTANTANEOUS PEAK STAGE			16.95	Mar 14	27.00	Aug 18 1940
ANNUAL RUNOFF (CFSM)	1.32		1.15		1.21	
ANNUAL RUNOFF (INCHES)	18.00		15.62		16.48	
10 PERCENT EXCEEDS	24800		18400		19600	
50 PERCENT EXCEEDS	8190		8330		7760	
90 PERCENT EXCEEDS	5670		5350		5080	

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MEAN	9322	8833	11380	14320	15940	18550	17450	11710	9624	8864	9145	8209
MAX	83660	26510	39150	43930	37320	34780	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1993	1948	1944	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
02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1930 - 1997	
ANNUAL TOTAL	4528700		4018810		11930	
ANNUAL MEAN	12370		11010		20900	1964
HIGHEST ANNUAL MEAN					6399	1988
LOWEST ANNUAL MEAN					203000	Oct 2 1929
HIGHEST DAILY MEAN	36600	Mar 21	30200	Mar 17	1950	Sep 27 1931
LOWEST DAILY MEAN	5510	Nov 27	5440	Sep 24	2470	Sep 23 1931
ANNUAL SEVEN-DAY MINIMUM	5640	Nov 23	5640	Nov 23	* 270000	Oct 6 1929
INSTANTANEOUS PEAK FLOW			30300	Mar 17	* 29.70	Oct 6 1929
INSTANTANEOUS PEAK STAGE			15.27	Mar 17	1.21	
ANNUAL RUNOFF (CFSM)	1.26		1.12		16.45	
ANNUAL RUNOFF (INCHES)	17.10		15.18		21600	
10 PERCENT EXCEEDS	24700		18300		8980	
50 PERCENT EXCEEDS	9460		9680		5760	
90 PERCENT EXCEEDS	6790		6250			

* Present datum (from information by U.S. Army Corps of Engineers) and from rating curve extended above 120,000 ft³/s.

SAVANNAH RIVER BASIN
02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

425

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, 13.88 ft, Apr. 9, 1993; minimum gage height, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.63 ft, Mar. 19; minimum gage height, 3.45 ft, Nov. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.01	5.62	6.35	6.09	4.48	5.24	5.97	4.23	5.07	6.52	5.22	5.79
2	6.59	5.15	5.92	5.49	4.16	4.79	5.65	4.19	4.76	6.38	5.15	5.80
3	6.63	5.10	5.85	5.76	4.23	4.88	5.72	4.30	4.93	6.17	4.69	5.43
4	7.24	5.64	6.51	5.84	4.19	4.99	5.85	4.39	5.10	5.92	4.46	5.10
5	7.54	6.41	7.01	5.84	4.20	5.01	6.50	4.78	5.80	6.21	4.39	5.33
6	7.79	6.85	7.33	5.96	4.26	5.14	6.84	5.61	6.26	6.55	4.90	5.80
7	8.14	7.15	7.63	6.24	4.54	5.44	7.08	5.92	6.42	6.95	5.37	6.17
8	8.32	7.58	7.97	6.39	4.57	5.34	7.17	5.71	6.38	7.17	5.45	6.36
9	8.09	7.35	7.74	6.14	4.24	5.17	7.07	5.66	6.35	7.51	5.81	6.76
10	8.18	7.30	7.74	6.39	4.50	5.44	7.45	5.99	6.73	7.69	6.39	7.05
11	8.55	7.56	8.04	6.56	4.67	5.61	7.35	6.01	6.68	8.08	7.08	7.56
12	8.81	8.01	8.43	6.67	4.90	5.81	7.41	5.93	6.69	8.54	7.71	8.13
13	8.98	8.38	8.72	6.89	5.27	6.08	7.52	6.22	6.85	8.87	8.28	8.58
14	9.16	8.64	8.93	6.84	5.25	6.04	7.40	6.03	6.72	9.17	8.64	8.92
15	9.25	8.79	9.04	6.74	4.93	5.88	7.25	5.73	6.55	9.47	8.89	9.22
16	9.36	8.92	9.14	6.85	4.94	5.97	7.26	5.78	6.60	9.62	9.17	9.44
17	9.21	8.33	8.85	6.54	4.72	5.75	7.26	5.96	6.71	9.73	9.33	9.56
18	8.60	7.49	8.15	6.31	4.51	5.49	7.18	5.96	6.59	9.84	9.57	9.73
19	7.90	7.04	7.50	6.25	4.32	5.31	7.20	5.96	6.55	10.13	9.76	9.98
20	7.81	6.90	7.39	6.41	4.26	5.50	6.98	6.01	6.49	10.35	10.05	10.21
21	7.74	6.81	7.31	6.67	4.73	5.83	7.34	6.10	6.67	10.61	10.29	10.46
22	7.52	6.29	6.97	6.47	4.73	5.66	7.38	6.10	6.78	10.85	10.56	10.70
23	7.21	5.83	6.59	6.59	4.55	5.59	7.78	6.62	7.24	11.01	10.78	10.89
24	7.07	5.60	6.38	6.33	4.12	5.23	8.16	7.26	7.73	11.11	10.95	11.03
25	6.93	5.32	6.18	6.13	3.89	5.00	8.33	7.63	7.97	11.11	10.97	11.05
26	6.93	5.24	6.10	5.71	3.56	4.56	8.41	7.58	8.01	11.02	10.62	10.83
27	6.66	4.74	5.77	5.89	3.45	4.59	8.00	6.40	7.19	10.66	9.99	10.34
28	6.50	4.59	5.55	5.76	3.64	4.65	7.03	5.75	6.39	10.02	8.83	9.45
29	6.41	4.45	5.47	5.82	3.67	4.70	6.75	5.55	6.11	8.93	7.97	8.47
30	6.38	4.47	5.43	5.98	3.96	4.92	6.51	5.39	5.91	8.33	7.75	8.06
31	6.15	4.35	5.21	---	---	---	6.37	5.27	5.77	8.18	7.71	7.94
MONTH	9.36	4.35	7.14	6.89	3.45	5.32	8.41	4.19	6.45	11.11	4.39	8.39

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.17	7.71	7.94	11.86	11.80	11.83	9.55	9.19	9.39	9.66	9.27	9.51
2	8.39	7.78	8.10	11.92	11.83	11.88	9.82	9.40	9.66	9.79	9.41	9.60
3	8.61	8.03	8.36	12.05	11.91	11.99	9.88	9.59	9.74	9.91	9.53	9.72
4	8.77	8.17	8.44	12.17	12.05	12.11	9.69	9.20	9.48	10.01	9.64	9.78
5	8.50	7.63	8.07	12.24	12.16	12.20	9.31	8.70	9.02	10.10	9.76	9.91
6	8.21	7.31	7.77	12.23	12.18	12.21	9.13	8.61	8.86	10.20	9.89	10.02
7	8.44	7.47	7.99	12.20	12.12	12.15	9.19	8.68	8.92	10.32	10.02	10.15
8	8.61	7.80	8.23	12.13	12.07	12.09	9.24	8.81	9.04	10.43	10.18	10.31
9	8.62	7.85	8.26	12.08	11.98	12.03	9.32	8.62	8.99	10.52	10.36	10.44
10	8.68	8.00	8.37	12.00	11.90	11.95	9.05	8.27	8.68	10.65	10.49	10.55
11	8.71	8.12	8.44	11.92	11.80	11.87	8.84	8.17	8.53	10.78	10.64	10.71
12	8.70	8.09	8.42	11.85	11.78	11.81	8.83	8.27	8.55	10.88	10.73	10.81
13	8.81	8.12	8.50	11.82	11.78	11.80	8.82	8.38	8.58	10.92	10.78	10.85
14	8.83	8.37	8.63	11.97	11.81	11.91	8.78	8.42	8.64	10.83	10.62	10.75
15	8.95	8.42	8.76	12.12	11.97	12.05	9.04	8.57	8.83	10.64	10.13	10.47
16	9.24	8.72	9.04	12.35	12.12	12.24	9.07	8.60	8.85	10.13	9.06	9.66
17	9.58	9.08	9.37	12.55	12.35	12.46	8.66	7.49	8.19	9.06	8.19	8.64
18	9.93	9.47	9.73	12.62	12.54	12.59	7.68	6.59	7.14	8.26	7.73	8.03
19	10.20	9.82	10.02	12.63	12.56	12.61	6.77	5.68	6.31	8.12	7.50	7.82
20	10.45	10.10	10.27	12.56	12.39	12.48	6.87	5.34	6.07	7.86	6.95	7.43
21	10.72	10.37	10.52	12.40	12.16	12.28	6.83	5.28	6.07	7.39	5.89	6.69
22	11.02	10.68	10.83	12.16	11.84	12.01	6.76	5.12	5.93	7.18	5.59	6.34
23	11.33	11.01	11.14	11.84	11.49	11.67	6.76	4.90	5.84	7.37	5.90	6.58
24	11.60	11.33	11.46	11.49	11.09	11.27	6.68	4.85	5.66	7.42	6.14	6.78
25	11.79	11.60	11.70	11.09	10.62	10.85	6.89	5.29	6.06	7.41	5.91	6.66
26	11.87	11.79	11.83	10.66	10.02	10.34	7.45	6.05	6.78	7.20	5.54	6.35
27	11.89	11.82	11.85	10.08	9.38	9.73	8.08	7.21	7.69	6.93	5.20	6.13
28	11.85	11.79	11.82	9.61	9.05	9.32	8.76	7.98	8.50	7.05	4.95	6.12
29	---	---	---	9.37	8.95	9.14	9.17	8.61	8.95	6.73	4.98	6.01
30	---	---	---	9.24	8.98	9.12	9.52	8.96	9.33	6.88	5.29	6.18
31	---	---	---	9.37	9.10	9.25	---	---	---	7.12	5.60	6.37
MONTH	11.89	7.31	9.42	12.63	8.95	11.52	9.88	4.85	8.08	10.92	4.95	8.56
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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LAKES AND RESERVOIRS IN SOUTH CAROLINA

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40", long 80°09'00", Darlington County, Hydrologic Unit 03040201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 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 1996 TO SEPTEMBER 1997

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)
Sept. 30, 1996	220.9	1339		97.0	8832		97.0	1214		97.3	6068	
Oct. 31, 1996	220.8	1329	-3.7	96.7	8683	-55.6	97.0	1214	0	96.5	5629	-163.9
Nov. 30, 1996	220.9	1339	+3.9	97.2	8931	+95.7	96.5	1149	-25.1	95.3	4988	-247.3
Dec. 31, 1996	221.0	1349	+3.7	96.6	8634	-110.9	97.3	1254	+39.2	94.4	4522	-174.0
Cal. Yr. 1996			+0.6			-9.39			+2.1			-1.6
Jan. 31, 1997	221.1	1359	+3.7	96.9	8782	+55.3	97.6	1293	+14.6	95.8	5252	+272.6
Feb. 28, 1997	221.3	1379	+8.3	98.1	9386	+249.7	97.5	1280	-5.4	97.6	6235	+406.3
Mar. 31, 1997	221.2	1369	-3.7	97.2	8931	-169.9	96.9	1201	-29.5	97.7	6292	+21.3
Apr. 30, 1997	221.3	1379	+3.9	99.6	10,173	+479.2	99.6	1572	+143.1	101.4	8483	+845.3
May 31, 1997	220.5	1300	-29.5	96.8	8733	-537.6	96.5	1149	-157.9	97.2	6012	-922.6
June 30, 1997	220.5	1300	0	96.8	8733	0	97.1	1227	+30.1	97.3	6068	+21.6
July 31, 1997	221.3	1379	+29.5	97.4	9031	+111.3	98.1	1361	+50.0	97.4	6124	+20.9
Aug. 31, 1997	220.4	1290	-33.2	96.9	8782	-93.0	97.8	1320	-15.3	97.3	6068	-20.9
Sept. 30, 1997	220.7	1320	+11.6	97.2	8931	+57.5	97.2	1240	-30.9	97.3	6068	0
Wtr. Yr. 1997			-0.6			+3.14			+0.8			0

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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 1997 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 .	1987-97	05-03-97	6.84	327	04-15-87	7.14	368
Herndon Branch near Bennettsville, SC (02130550)	Lat 34°38'27", long 79°44'46",Marlboro County, on State Highway 9, 2.8 mi upstream from Naked Creek, and 4.5 mi northwest of Bennettsville. Drainage area is 3.45 mi ² .	1975-97	02-14-97	2.98	(+)	02-18-96	4.23	(+)
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 .	1975-97	01-09-97	9.92	(+)	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 .	1986-97	07-24-97	6.74	(+)	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 .	1968-97	07-31-97	5.38	346	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 .	1984-97	07-25-97	4.35	381	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◆ 1995-97	07-24-97	17.09	(+)	07-24-97	17.09	(+)
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 1972-97	B	A	(+)	09-19-45	22.35	29,400

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)
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 .	1974-97	02-14-97	5.29	298	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 .	1976-97	07-31-97	6.19	183	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 south-east of Dillon, 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi ² .	1939-71 ♦ 1972-97	10-17-96	10.22	2,930	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 .	1991-97	07-24-97	6.30	81.6	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 .	1985-97	04-28-97	9.37	440	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 .	1974-97	10-09-96	6.80	384	08-24-94	7.16	(+)
Santee River Basin								
Crowders Creek near Clover, SC (02145642)	Lat 35°08'14", long 81°08'09", York County, on road 1104, 1.7 mi downstream from mouth of Rocky Branch and 5.6 mi north-east of Clover. Drainage area is 89.0 mi ² .	1991-92 ♦ 1993-97	04-28-97	10.93	2,320	08-27-96	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 .	1990-97	B	A	(+)	08-27-96	6.78	(+)
Tributary to Little Dutchman Creek near Rock Hill, SC (02145940)	Lat 34°58'34", long 81°01'02", York County, 0.2 mi upstream of mouth at Little Dutchman Creek at Celanese Road (State Hwy 161) crossing of Little Dutchman Creek. Drainage area is 3.50 mi ² .	1985-97	07-24-97	11.44	1,090	08-19-86	11.57	1,110
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 ♦ 1994-97	07-24-97	17.15	(+)	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 south-east of Landsford. Drainage area is 2.35 mi ² .	1990-96	02-03-96	7.53	154	03-04-91	8.75	232
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 .	1990-97	07-24-97	6.34	199	05-19-91	11.46	446

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)
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 .	1975-97	07-24-97	9.17	1,930	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 Ridge-way. Drainage area is 4.73 mi ² .	1991-96	B	A	(+)	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 .	1991-97	07-24-97	2.84	25.4	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 .	1975-97	02-28-97	3.37	(+)	10-12-90	7.40	362
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 .	1991-97	01-09-97	11.27	817	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 .	1991-97	02-28-97	4.50	(+)	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 north-west of Chester, 7.5 mi west of Lowrys. Drainage area is 81.51 mi ² .	1991-97	03-01-97	13.69	(+)	10-13-90	17.37	(+)
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 .	1990-97	B	A	(+)	06-15-92	14.36	766
Middle Tyger River at Lyman, SC (02157500)	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman. Drainage area is 68.3 mi ² .	1938-68 ♦ 1975-97	B	A	(+)	08-14-40	16.16	4,800
Tributary to Fairforest Creek at Spar-tanburg, 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 .	1987-97	07-23-97	2.66	107	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 ♦ 1973-97	B	A	(+)	10-09-76	9.43	11,700
Brushy Creek near Greenville, SC (02160325)	Lat 34°53'00", long 82°18'05", Greenville County, 0.7 mi south of Eastside High School, 0.5 mi southeast of St. Luke Church, 5.0 mi upstream from the mouth at Enoree, at the (J-180) crossing of Brushy Creek. Drainage area is 9.05 mi ² .	1985-97	02-28-97	9.06	922	08-27-96	14.10	(+)

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)
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 .	1977-97	04-28-97	4.67	290	08-26-96	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 ♦ 1987-96	01-26-96	4.30	(+)	08-27-96	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 .	1983-97	07-23-97	6.93	1,070	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 .	1974-97	07-23-97	6.89	(+)	08-27-96	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 .	1985-97	10-01-96	9.04	(+)	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 .	1985-97	07-24-97	8.00	180	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 .	1974-97	07-24-97	5.64	88.4	08-27-96	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 .	1985-97	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 .	1984-97	07-24-97	9.06	(+)	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 .	1985-97	07-24-97	9.10	2,350	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 ♦ 1975-97	06-27-97	3.17	34	10-11-91	5.44	167

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)
Cooper River Basin								
Canton Creek near Moncks Corner, SC (021720725)	Lat 33°10'55", long 80°10'27", Berkeley County, on county road 787, 9.5 mi southwest of Moncks Corner and 7.0 mi southwest of Lake Moultrie. Drainage area is 4.82 mi ² .	1991-97	07-25-97	10.26	(+)	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 .	1989-97	09-28-97	13.12	250	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 .	1986-97	11-09-96	7.28	302	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 .	1985-97	06-28-97	6.42	1,590	01-07-96	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	02-26-97	7.64	3,860	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 .	1991-97	B	A	(+)	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♦ 1975-97	02-14-97	6.50	(+)	10-09-92	9.33	1,720
Broad River Basin								
Tributary to Coosawhatchie River at Allendale, SC (02176380)	Lat 32°59'53", long 81°19'01", Allendale County, on State Road 129, crossing of a tributary to the Coosawhatchie River, 0.9 mi southwest of City Hall, 0.4 mi upstream of the mouth at Coosawhatchie. Drainage area is 2.06 mi ² .	1985-97	07-31-97	4.91	86.6	10-09-92	9.18	(+)
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 .	1991-97	02-15-97	4.38	(+)	01-12-93	7.19	515

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)
Savannah River Basin								
Cleveland Creek near Fairplay, SC (02184100)	Lat 34°31'32", long 82°59'29", Oconee County, on State Highway 59, 1.0 mi northwest of Fairplay, and 2.4 mi upstream from Beaver Dam Creek. Drainage area is 5.61 mi ² .	1967-74 ♦ 1975-97	B	A	(+)	01-26-78	6.50	450
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 1975-97	03-01-97	10.75	1,490	08-27-96	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 .	1990-97	02-15-97	6.99	(+)	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 ♦ 1972-97	02-15-97	3.63	(+)	07-26-91	7.21	(+)
Cyper Creek near Sullivan Crossroads, SC (021957495)	Lat 33°54'05", long 82°07'13", Edgefield County, on Road 234, 1.4 mi southwest of Sullivan Crossroads. Drainage area is 1.83 mi ² .	1991-97	B	A	(+)	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 .	1977-97	B	A	(+)	10-11-92	6.19	617

+ 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.

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	Water year maximum		
			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 - 1997	10-24-96	86.98	2,360
			01-28-97	95.29	8,330
			04-08-97	94.20	7,020
			08-05-97	89.36	3,420
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 - 1997	11-15-96	27.15	657
			02-20-97	27.10	781
			05-15-97	27.31	799
			08-08-97	27.08	743
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 - 1997	11-15-96	---	22
			02-20-97	---	13
			05-15-97	---	15
			08-08-97	---	20
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 - 1997	01-23-97	56.84	2,240
			04-07-97	54.88	1,350
			08-25-97	53.04	725
			08-25-97	53.04	735

GROUND WATER RECORDS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.--331940081443501. Local number, AK-430.

LOCATION.--Lat 33°19'40", long 81°44'35", Hydrologic Unit 03060106, at Savannah River Site near Aiken. Owner: U.S. Department of Energy.

AQUIFER.--Middendorf 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 punch interval.

DATUM.--Land-surface datum is 357 ft above sea level. Measuring point: Top of casing at land-surface datum.

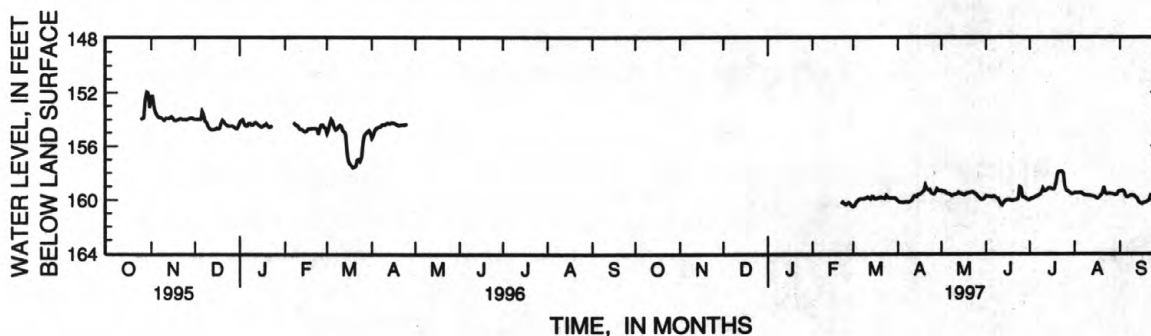
REMARKS.--Also known as SRP-4M. Electric log available in District files.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	160.53	160.09	159.31	159.72	160.02	159.49	159.38
2	---	---	---	---	---	160.45	160.18	159.39	159.76	159.89	159.49	159.36
3	---	---	---	---	---	160.21	160.19	159.38	159.76	159.90	159.50	159.32
4	---	---	---	---	---	160.07	160.20	159.44	159.78	159.85	159.49	159.44
5	---	---	---	---	---	159.99	160.22	159.54	159.80	159.78	159.48	159.76
6	---	---	---	---	---	159.94	160.18	159.53	159.74	159.74	159.54	159.82
7	---	---	---	---	---	159.95	160.16	159.58	159.77	159.68	159.61	159.77
8	---	---	---	---	---	159.94	160.19	159.70	159.88	159.60	159.67	159.71
9	---	---	---	---	---	159.93	160.14	159.66	159.91	159.46	159.69	159.69
10	---	---	---	---	---	159.86	160.09	159.61	160.11	159.16	159.69	159.70
11	---	---	---	---	---	159.79	159.97	159.60	160.35	159.36	159.71	159.74
12	---	---	---	---	---	159.88	159.75	159.53	160.42	159.33	159.72	159.83
13	---	---	---	---	---	159.94	159.71	159.45	160.21	159.23	159.75	159.95
14	---	---	---	---	---	159.76	159.77	159.56	160.07	159.14	159.76	160.17
15	---	---	---	---	---	159.78	159.61	159.54	160.03	159.14	159.81	160.27
16	---	---	---	---	---	159.93	159.60	159.64	160.02	159.19	159.89	160.33
17	---	---	---	---	---	159.93	159.54	159.66	160.00	159.22	159.90	160.27
18	---	---	---	---	---	159.87	159.44	159.52	160.06	159.20	159.81	160.22
19	---	---	---	---	---	159.85	159.34	159.53	160.07	158.77	159.67	160.19
20	---	---	---	---	---	159.80	158.94	159.47	160.03	158.05	159.53	160.11
21	---	---	---	---	160.29	159.83	159.18	159.47	160.00	157.91	159.06	160.06
22	---	---	---	---	160.17	159.86	159.27	159.42	160.00	157.90	159.50	159.71
23	---	---	---	---	160.30	159.91	159.23	159.43	159.90	157.89	159.58	159.76
24	---	---	---	---	160.37	159.67	159.49	159.53	159.06	158.02	159.55	159.74
25	---	---	---	---	160.27	159.81	159.56	159.57	159.15	158.95	159.55	159.60
26	---	---	---	---	160.22	159.87	159.58	159.75	159.80	159.30	159.56	159.51
27	---	---	---	---	160.30	159.86	159.42	159.81	159.81	159.37	159.58	159.49
28	---	---	---	---	160.48	159.86	159.20	159.96	159.87	159.44	159.61	159.37
29	---	---	---	---	---	159.87	159.31	160.00	159.96	159.52	159.65	159.32
30	---	---	---	---	---	159.88	159.35	159.98	160.03	159.57	159.62	159.35
31	---	---	---	---	---	159.97	---	159.86	---	159.56	159.40	---
MEAN	---	---	---	---	---	159.93	159.70	159.59	159.90	159.20	159.61	159.76
MAX	---	---	---	---	---	160.53	160.22	160.00	160.42	160.02	159.90	160.33
MIN	---	---	---	---	---	159.67	158.94	159.31	159.06	157.89	159.06	159.32



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

437

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 punch interval.

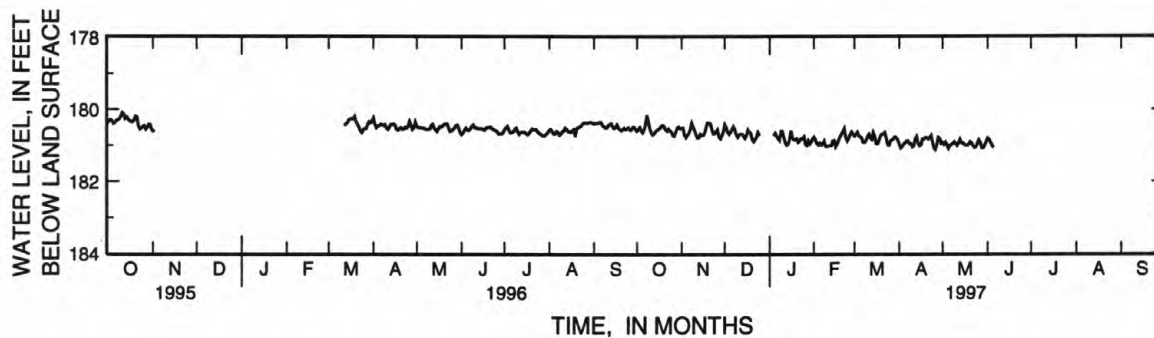
DATUM.--Land-surface datum is 419 ft above sea level. Measuring point: Opening in casing, 2.41 ft land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	180.59	180.52	180.42	---	180.78	180.74	180.98	180.92	180.81	---	---	---
2	180.54	180.51	180.50	---	180.86	180.69	181.08	180.98	180.84	---	---	---
3	180.49	180.71	180.62	---	180.95	180.64	181.04	180.92	180.92	---	---	---
4	180.58	180.78	180.68	180.72	180.99	180.74	180.97	180.99	181.00	---	---	---
5	180.64	180.71	180.62	180.66	180.94	180.77	180.93	181.09	181.06	---	---	---
6	180.57	180.66	180.55	180.75	180.99	180.80	180.89	181.01	---	---	---	---
7	180.38	180.55	180.48	180.81	180.97	180.92	180.88	180.99	---	---	---	---
8	180.16	180.38	180.56	180.86	180.89	180.92	180.96	180.95	---	---	---	---
9	180.34	180.48	180.70	180.60	181.03	180.88	180.96	180.91	---	---	---	---
10	180.52	180.57	180.77	180.61	181.03	180.76	181.04	180.96	---	---	---	---
11	180.65	180.68	180.70	180.77	181.02	180.70	181.02	181.01	---	---	---	---
12	180.70	180.79	180.68	180.93	181.01	180.80	180.82	180.93	---	---	---	---
13	180.67	180.79	180.68	180.99	181.01	180.84	180.77	180.84	---	---	---	---
14	180.60	180.68	180.74	180.97	180.88	180.65	180.96	180.94	---	---	---	---
15	180.56	180.72	180.80	180.85	180.87	180.75	181.02	180.94	---	---	---	---
16	180.55	180.72	180.72	180.60	181.04	180.95	180.99	180.99	---	---	---	---
17	180.51	180.65	180.57	180.78	180.97	180.96	180.83	181.00	---	---	---	---
18	180.45	180.49	180.62	180.85	180.87	180.87	180.83	181.00	---	---	---	---
19	180.44	180.36	180.66	180.85	180.76	180.74	180.79	180.98	---	---	---	---
20	180.48	180.37	180.83	180.82	180.70	180.69	180.80	180.91	---	---	---	---
21	180.56	180.39	180.89	180.91	180.62	180.69	180.83	180.94	---	---	---	---
22	180.59	180.54	180.85	180.88	180.54	180.65	180.79	181.02	---	---	---	---
23	180.54	180.67	180.77	180.81	180.79	180.81	180.73	181.06	---	---	---	---
24	180.58	180.67	180.64	180.81	180.88	180.99	180.90	181.04	---	---	---	---
25	180.63	180.60	180.72	180.77	180.81	181.00	181.08	180.94	---	---	---	---
26	180.72	180.56	---	180.97	180.70	180.87	181.12	180.86	---	---	---	---
27	180.74	180.77	---	181.00	180.63	180.86	180.98	180.93	---	---	---	---
28	180.62	180.81	---	180.88	180.69	180.81	180.79	181.08	---	---	---	---
29	180.51	180.73	---	180.96	---	180.77	180.82	181.07	---	---	---	---
30	180.48	180.61	---	180.90	---	180.80	180.95	181.01	---	---	---	---
31	180.53	---	---	180.82	---	180.86	---	180.90	---	---	---	---
MEAN	180.55	180.62	---	---	180.86	180.80	180.92	180.97	---	---	---	---
MAX	180.74	180.81	---	---	181.04	181.00	181.12	181.09	---	---	---	---
MIN	180.16	180.36	---	---	180.54	180.64	180.73	180.84	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.--332617081462001. Local number, AK-818.

LOCATION.--Lat 33°26'17", long 81°46'14", Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road) approximately 0.6 mi east of junction with State Highway Road 302. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 410 ft, 4 in from 368 to 425 ft, depth 425 ft, cased to 425 ft, screened from 410 to 420 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 419 ft above sea level. Measuring point: Opening in casing, 2.70 ft above land-surface datum.

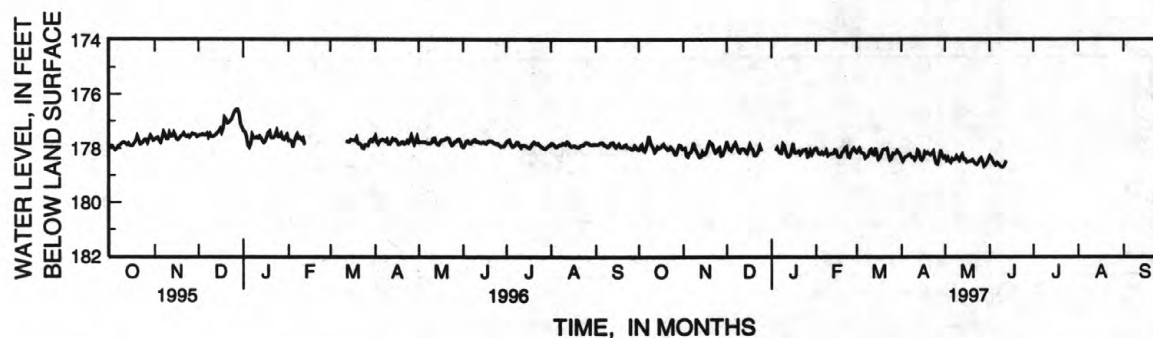
PERIOD OF RECORD.--April 1988 to May 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 176.56 ft below land-surface datum, Dec. 28, 1995; lowest, 181.56 ft below land-surface datum, Mar. 3, 1991.

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	178.05	178.00	177.75	---	177.99	178.15	178.38	178.30	178.29	---	---	---
2	177.93	177.98	177.93	---	178.10	178.06	178.47	178.44	178.36	---	---	---
3	177.86	178.27	178.05	---	178.20	177.99	178.36	178.34	178.47	---	---	---
4	178.05	178.31	178.09	178.06	178.22	178.15	178.31	178.47	178.58	---	---	---
5	178.10	178.17	177.98	177.97	178.14	178.17	178.29	178.53	178.63	---	---	---
6	177.99	178.14	177.87	178.10	178.22	178.20	178.24	178.39	178.53	---	---	---
7	177.76	178.01	177.80	178.16	178.17	178.36	178.22	178.43	178.57	---	---	---
8	177.54	177.80	177.93	178.18	178.07	178.31	178.34	178.40	178.66	---	---	---
9	177.78	178.00	178.11	177.83	178.27	178.26	178.32	178.29	178.70	---	---	---
10	177.88	178.10	178.15	177.90	178.22	178.09	178.43	178.38	178.69	---	---	---
11	177.99	178.22	178.03	178.12	178.21	178.04	178.36	178.45	178.63	---	---	---
12	178.14	178.32	178.02	178.29	178.19	178.22	178.07	178.31	178.47	---	---	---
13	178.07	178.30	178.03	178.31	178.19	178.24	178.12	178.23	---	---	---	---
14	177.94	178.13	178.12	178.25	178.06	177.99	178.40	178.41	---	---	---	---
15	177.99	178.23	178.18	178.07	178.09	178.19	178.44	178.40	---	---	---	---
16	177.96	178.21	178.04	177.81	178.29	178.41	178.36	178.52	---	---	---	---
17	177.90	178.10	177.86	178.14	178.32	178.36	178.14	178.50	---	---	---	---
18	177.84	177.89	177.98	178.17	178.31	178.22	178.20	178.49	---	---	---	---
19	177.93	177.76	178.04	178.13	178.14	178.06	178.15	178.47	---	---	---	---
20	177.97	177.81	178.26	178.10	178.10	178.03	178.22	178.42	---	---	---	---
21	178.05	177.84	178.27	178.22	177.98	178.04	178.25	178.50	---	---	---	---
22	178.03	178.05	178.20	178.13	177.95	178.00	178.18	178.58	---	---	---	---
23	177.95	178.16	178.07	178.06	178.29	178.25	178.11	178.60	---	---	---	---
24	178.01	178.12	177.91	178.06	178.33	178.43	178.38	178.54	---	---	---	---
25	178.09	178.01	178.08	178.04	178.18	178.39	178.57	178.41	---	---	---	---
26	178.22	177.97	---	178.30	178.04	178.19	178.59	178.36	---	---	---	---
27	178.22	178.27	---	178.27	177.98	178.21	178.34	178.49	---	---	---	---
28	178.02	178.25	---	178.08	178.10	178.16	178.07	178.67	---	---	---	---
29	177.88	178.12	---	178.22	---	178.08	178.24	178.62	---	---	---	---
30	177.90	177.97	---	178.11	---	178.15	178.36	178.54	---	---	---	---
31	178.02	---	---	178.01	---	178.23	---	178.40	---	---	---	---
MEAN	177.97	178.08	---	---	178.16	178.18	178.30	178.45	---	---	---	---
MAX	178.22	178.32	---	---	178.33	178.43	178.59	178.67	---	---	---	---
MIN	177.54	177.76	---	---	177.95	177.99	178.07	178.23	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

439

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 350 ft, 360 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 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	178.00	---	---	---	---	---	176.85	177.07	177.10	176.47	176.47	176.80
2	177.95	---	---	---	---	---	177.17	177.04	177.00	176.41	176.48	176.82
3	178.00	---	---	---	---	---	177.22	177.03	176.85	176.37	176.55	176.82
4	178.18	---	---	---	---	---	177.06	177.02	176.81	176.53	176.64	176.80
5	178.20	---	---	---	---	---	177.03	177.04	176.88	176.61	176.65	176.78
6	178.13	---	---	---	---	---	176.98	177.03	176.88	176.57	176.63	176.81
7	178.05	---	---	---	---	---	177.01	177.08	176.80	176.50	176.59	176.91
8	178.01	---	---	---	---	---	177.03	177.08	176.73	176.39	176.60	176.92
9	177.98	---	---	---	---	---	176.98	177.06	176.70	176.38	176.55	176.96
10	177.98	---	---	---	---	---	177.16	177.03	176.78	176.49	176.56	176.97
11	177.99	---	---	---	---	---	177.15	176.88	176.76	176.55	176.61	176.91
12	178.10	---	---	---	---	176.88	177.04	176.88	176.77	176.44	176.52	176.87
13	178.13	---	---	---	---	176.92	176.94	177.03	176.77	176.42	176.57	176.85
14	178.10	---	---	---	---	176.91	176.99	177.10	176.75	176.45	176.69	177.00
15	178.21	---	---	---	---	176.80	176.96	177.10	176.71	176.45	176.73	177.06
16	178.25	---	---	---	---	176.83	177.04	176.99	176.74	176.49	176.72	176.99
17	178.18	---	---	---	---	176.87	177.16	176.91	176.73	176.49	176.71	176.95
18	178.11	---	---	---	---	176.88	177.14	176.94	176.64	176.44	176.74	177.09
19	178.01	---	---	---	---	176.78	177.07	176.91	176.61	176.33	176.79	177.11
20	177.86	---	---	---	---	177.05	177.05	176.86	176.60	176.30	176.81	177.10
21	178.09	---	---	---	---	177.11	177.12	176.85	176.60	176.37	176.77	177.03
22	178.31	---	---	---	---	177.18	177.09	176.87	176.63	176.39	176.74	177.02
23	178.27	---	---	---	---	177.31	176.99	177.04	176.65	176.38	176.76	177.15
24	178.16	---	---	---	---	177.29	177.06	177.11	176.65	176.48	176.71	177.15
25	---	---	---	---	---	177.10	176.96	177.06	176.62	176.53	176.67	177.15
26	---	---	---	---	---	177.11	176.79	177.00	176.68	176.57	176.70	177.22
27	---	---	---	---	---	177.15	177.01	176.96	176.72	176.62	176.73	177.20
28	---	---	---	---	---	176.95	177.14	176.91	176.67	176.63	176.77	177.06
29	---	---	---	---	---	176.93	177.00	176.86	176.67	176.58	176.79	177.11
30	---	---	---	---	---	177.02	176.84	176.94	176.58	176.55	176.79	177.21
31	---	---	---	---	---	176.91	---	177.12	---	176.53	176.79	---
MEAN	---	---	---	---	---	---	177.03	176.99	176.74	176.47	176.67	176.99
MAX	---	---	---	---	---	---	177.22	177.12	177.10	176.63	176.81	177.22
MIN	---	---	---	---	---	---	176.79	176.85	176.58	176.30	176.47	176.78

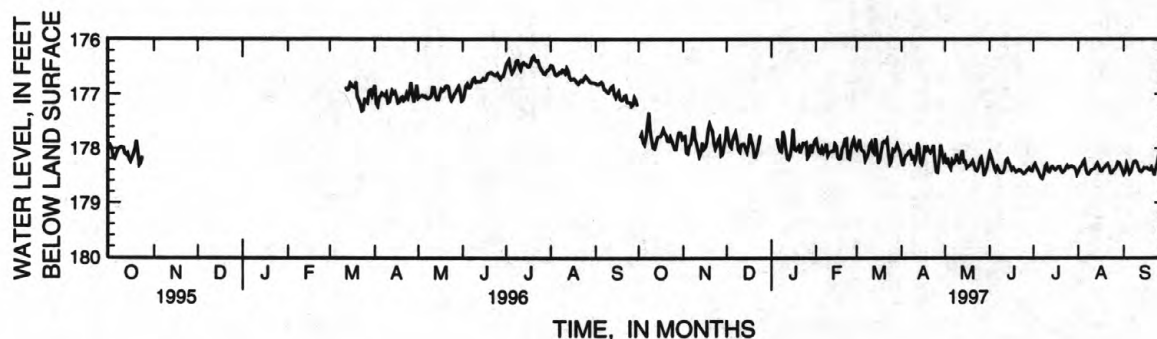
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.--332616081461701. Local number, AK-824.--Continued

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	---	177.78	177.60	---	177.83	178.02	178.24	178.16	178.09	178.33	178.43	178.48
2	177.80	177.77	177.82	---	177.97	177.93	178.32	178.29	178.17	178.29	178.36	178.44
3	177.73	178.08	177.95	---	178.07	177.84	178.19	178.19	178.27	178.35	178.33	178.29
4	177.89	178.10	177.99	---	178.09	178.02	178.14	178.32	178.36	178.41	178.26	178.36
5	177.93	177.96	177.85	177.82	177.99	178.05	178.12	178.38	178.42	178.48	178.23	178.47
6	177.80	177.92	177.76	177.97	178.08	178.07	178.07	178.23	178.34	178.54	178.39	178.44
7	177.57	177.77	177.70	178.05	178.03	178.23	178.05	178.28	178.39	178.56	178.47	178.33
8	177.34	177.59	177.85	178.07	177.92	178.17	178.19	178.24	178.45	178.49	178.48	178.25
9	177.68	177.82	178.03	177.69	178.14	178.11	178.16	178.12	178.46	178.33	178.44	178.24
10	177.86	177.91	178.07	177.79	178.09	177.94	178.27	178.22	178.45	178.30	178.40	178.26
11	177.99	178.03	177.93	178.02	178.07	177.89	178.20	178.29	178.38	178.43	178.39	178.35
12	178.01	178.15	177.92	178.19	178.06	178.07	177.91	178.14	178.23	178.44	178.38	178.42
13	177.91	178.08	177.92	178.21	178.06	178.10	177.97	178.05	178.20	178.35	178.33	178.44
14	177.79	177.90	178.02	178.14	177.92	177.82	178.27	178.25	178.27	178.34	178.28	178.41
15	177.78	178.02	178.08	177.96	177.96	178.04	178.30	178.24	178.33	178.38	178.33	178.36
16	177.78	177.99	177.93	177.64	178.18	178.28	178.20	178.36	178.40	178.40	178.42	178.37
17	177.73	177.89	177.73	178.02	178.20	178.21	177.96	178.33	178.36	178.37	178.43	178.36
18	177.65	177.68	177.87	178.04	178.19	178.05	178.04	178.32	178.40	178.34	178.37	178.39
19	177.72	177.55	177.94	178.00	178.00	177.89	177.99	178.29	178.44	178.34	178.35	178.40
20	177.75	177.62	178.16	177.96	177.96	177.87	178.06	178.24	178.42	178.42	178.31	178.35
21	177.86	177.67	178.16	178.09	177.83	177.89	178.09	178.31	178.40	178.45	178.29	178.41
22	177.87	177.90	178.06	177.99	177.82	177.84	178.03	178.40	178.41	178.42	178.34	178.50
23	177.79	178.01	177.94	177.91	178.18	178.11	177.95	178.42	178.44	178.37	178.46	178.38
24	177.86	177.95	177.76	177.92	178.20	178.29	178.24	178.36	178.47	178.32	178.46	178.28
25	177.93	177.84	---	177.90	178.04	178.24	178.44	178.22	178.46	178.36	178.41	178.13
26	178.02	177.80	---	178.18	177.89	178.03	178.45	178.18	178.42	178.34	178.39	178.21
27	178.02	178.14	---	178.14	177.83	178.06	178.20	178.32	178.39	178.33	178.34	178.25
28	177.81	178.11	---	177.93	177.97	178.00	177.94	178.51	178.36	178.35	178.26	178.18
29	177.71	177.97	---	178.09	---	177.93	178.09	178.43	178.41	178.35	178.28	178.26
30	177.71	177.82	---	177.97	---	178.01	178.23	178.35	178.42	178.40	178.33	178.31
3	177.82	---	---	177.86	---	178.08	---	178.19	---	178.49	178.41	---
MEAN	---	177.89	---	---	178.02	178.03	178.14	178.28	178.37	178.39	178.37	178.34
MAX	---	178.15	---	---	178.20	178.29	178.45	178.51	178.47	178.56	178.48	178.50
MIN	---	177.55	---	---	177.82	177.82	177.91	178.05	178.09	178.29	178.23	178.13



**WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
AIKEN COUNTY**

441

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 216 ft, 226 to 231 ft, depth 231 ft, cased to 231 ft, screened from 216 to 226 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 300 ft above sea level. Measuring point: Opening in casing, 1.12 ft land-surface datum.

PERIOD OF RECORD.--May 1989 to May 1991, May 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 176.93 ft below land-surface datum, Mar. 2, 1994; lowest, 181.16 ft below land-surface datum, Feb. 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

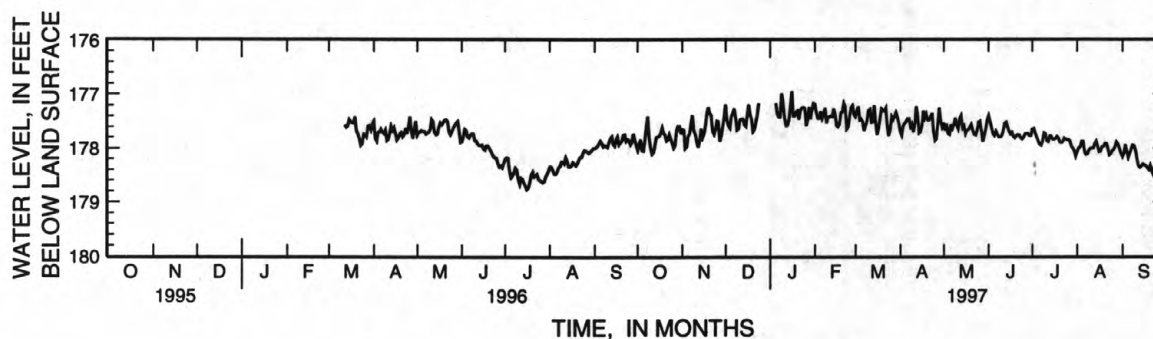
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	177.50	177.76	177.88	178.21	178.35	178.00
2	---	---	---	---	---	---	177.82	177.71	177.78	178.18	178.35	177.99
3	---	---	---	---	---	---	177.87	177.70	177.65	178.19	178.41	177.96
4	---	---	---	---	---	---	177.71	177.67	177.67	178.42	178.48	177.92
5	---	---	---	---	---	---	177.70	177.69	177.79	178.55	178.48	177.87
6	---	---	---	---	---	---	177.65	177.69	177.81	178.52	178.44	177.91
7	---	---	---	---	---	---	177.70	177.74	177.75	178.45	178.36	177.97
8	---	---	---	---	---	---	177.73	177.72	177.73	178.37	178.34	177.95
9	---	---	---	---	---	---	177.67	177.70	177.74	178.41	178.26	177.96
10	---	---	---	---	---	---	177.86	177.65	177.86	178.58	178.26	177.98
11	---	---	---	---	---	---	177.84	177.47	177.87	178.67	178.29	177.89
12	---	---	---	---	---	177.57	177.71	177.51	177.92	178.56	178.18	177.82
13	---	---	---	---	---	177.61	177.59	177.70	177.95	178.58	178.24	177.79
14	---	---	---	---	---	177.59	177.67	177.75	177.95	178.65	178.35	177.93
15	---	---	---	---	---	177.47	177.62	177.74	177.94	178.71	178.35	177.96
16	---	---	---	---	---	177.50	177.73	177.60	178.01	178.77	178.32	177.84
17	---	---	---	---	---	177.53	177.85	177.53	178.03	178.74	178.27	177.79
18	---	---	---	---	---	177.53	177.81	177.56	177.96	178.65	178.29	177.93
19	---	---	---	---	---	177.42	177.73	177.52	177.96	178.50	178.32	177.90
20	---	---	---	---	---	177.68	177.71	177.48	178.00	178.45	178.29	177.87
21	---	---	---	---	---	177.74	177.79	177.47	178.05	178.53	178.22	177.76
22	---	---	---	---	---	177.82	177.75	177.50	178.11	178.51	178.17	177.75
23	---	---	---	---	---	177.95	177.63	177.70	178.16	178.49	178.17	177.87
24	---	---	---	---	---	177.92	177.73	177.75	178.18	178.58	178.09	177.84
25	---	---	---	---	---	177.74	177.59	177.69	178.19	178.60	178.04	177.85
26	---	---	---	---	---	177.75	177.42	177.62	178.29	178.62	178.05	177.93
27	---	---	---	---	---	177.79	177.70	177.57	178.35	178.64	178.07	177.89
28	---	---	---	---	---	177.59	177.82	177.53	178.33	178.62	178.09	177.73
29	---	---	---	---	---	177.58	177.64	177.50	178.36	178.54	178.07	177.83
30	---	---	---	---	---	177.66	177.50	177.67	178.28	178.48	178.04	177.94
31	---	---	---	---	---	177.55	---	177.89	---	178.43	178.01	---
MEAN	---	---	---	---	---	---	177.70	177.64	177.99	178.52	178.25	177.89
MAX	---	---	---	---	---	---	177.87	177.89	178.36	178.77	178.48	178.00
MIN	---	---	---	---	---	---	177.42	177.47	177.65	178.18	178.01	177.73

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.--332616081461601. Local number, AK-825.--Continued

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	178.03	177.65	177.19	---	177.18	177.41	177.70	177.53	177.40	177.65	178.07	178.16
2	177.92	177.66	177.49	---	177.34	177.30	177.76	177.68	177.51	177.64	178.00	178.10
3	177.84	178.00	177.58	---	177.44	177.23	177.58	177.55	177.62	177.72	177.98	177.94
4	178.04	177.97	177.62	---	177.44	177.47	177.54	177.73	177.74	177.80	177.88	178.06
5	178.05	177.78	177.41	177.17	177.32	177.45	177.50	177.75	177.77	177.87	177.88	178.18
6	177.87	177.73	177.34	177.36	177.44	177.51	177.45	177.56	177.69	177.93	178.07	178.11
7	177.60	177.55	177.27	177.42	177.36	177.68	177.45	177.64	177.75	177.95	178.12	178.02
8	177.41	177.39	177.44	177.42	177.26	177.58	177.60	177.56	177.80	177.88	178.11	177.95
9	177.81	177.68	177.66	176.99	177.53	177.50	177.55	177.44	177.80	177.72	178.04	177.96
10	177.99	177.74	177.64	177.15	177.42	177.30	177.70	177.58	177.77	177.73	178.01	178.04
11	178.11	177.88	177.47	177.43	177.42	177.28	177.57	177.64	177.68	177.87	178.00	178.21
12	178.08	177.98	177.45	177.58	177.40	177.52	177.23	177.45	177.54	177.88	178.00	178.33
13	177.94	177.85	177.45	177.57	177.41	177.51	177.37	177.40	177.52	177.78	177.93	178.36
14	177.80	177.64	177.56	177.47	177.27	177.21	177.72	177.63	177.61	177.78	177.88	178.34
15	177.79	177.80	177.59	177.23	177.37	177.53	177.70	177.59	177.69	177.84	177.96	178.30
16	177.77	177.73	177.39	176.95	177.58	177.75	177.57	177.73	177.74	177.84	178.07	178.32
17	177.72	177.59	177.19	177.40	177.60	177.63	177.31	177.67	177.71	177.82	178.06	178.33
18	177.62	177.35	177.37	177.40	177.55	177.45	177.44	177.66	177.78	177.79	177.98	178.37
19	177.72	177.24	177.46	177.32	177.34	177.27	177.37	177.61	177.81	177.82	177.97	178.40
20	177.75	177.35	177.69	177.30	177.32	177.29	177.48	177.56	177.77	177.89	177.92	178.33
21	177.86	177.39	177.65	177.46	177.17	177.31	177.48	177.66	177.75	177.90	177.92	178.42
22	177.84	177.68	177.52	177.29	177.23	177.26	177.41	177.75	177.76	177.88	178.00	178.49
23	177.75	177.74	177.37	177.25	177.64	177.59	177.35	177.76	177.81	177.82	178.13	178.34
24	177.83	177.65	177.17	177.24	177.60	177.77	177.70	177.68	177.83	177.84	178.11	---
25	177.90	177.49	---	177.26	177.41	177.66	177.86	177.52	177.80	177.85	178.05	---
26	177.99	177.50	---	177.58	177.24	177.42	177.83	177.50	177.74	177.85	178.03	---
27	177.95	177.87	---	177.47	177.21	177.47	177.51	177.70	177.73	177.87	177.97	---
28	177.67	177.77	---	177.24	177.38	177.40	177.26	177.88	177.73	177.97	177.89	---
29	177.59	177.60	---	177.45	---	177.34	177.51	177.76	177.77	178.00	177.93	---
30	177.59	177.40	---	177.29	---	177.43	177.61	177.65	177.77	178.06	178.00	---
31	177.73	---	---	177.17	---	177.54	---	177.47	---	178.15	178.10	---
MEAN	177.82	177.65	---	---	177.39	177.45	177.54	177.62	177.71	177.85	178.00	---
MAX	178.11	178.00	---	---	177.64	177.77	177.86	177.88	177.83	178.15	178.13	---
MIN	177.41	177.24	---	---	177.17	177.21	177.23	177.40	177.40	177.64	177.88	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

443

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 485 ft, 495 to 500 ft, depth 500 ft, cased to 500 ft, screened from 485 to 495 ft.

INSTRUMENTATION.--Data collection platform--60 minute punch interval.

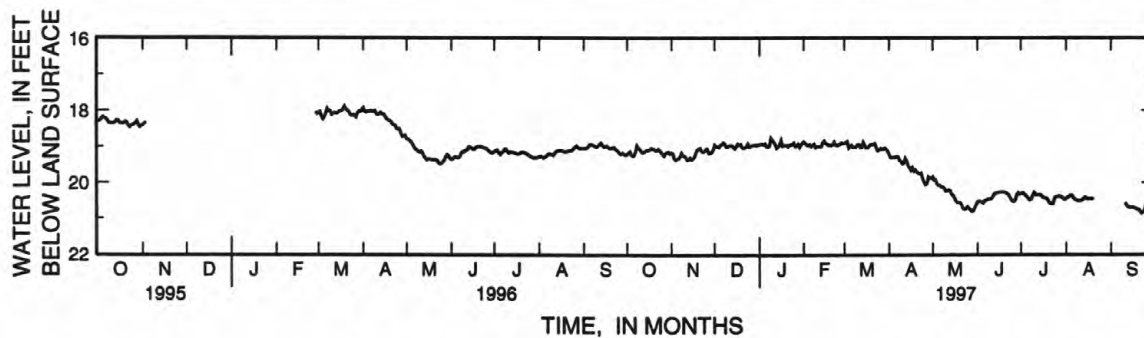
DATUM.--Land-surface datum is 300 ft above sea level. Measuring point: Opening in casing, 1.98 ft land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 17.89 ft below land-surface datum, Mar. 19, 1996; lowest, 24.12 ft below land-surface datum, Oct. 7, 1990.

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	19.22	19.18	18.96	18.96	18.87	18.91	19.23	19.85	20.55	20.31	20.45	---
2	19.18	19.20	19.00	18.93	18.91	18.90	19.31	19.94	20.53	20.29	20.42	---
3	19.14	19.34	19.01	18.92	18.96	18.87	19.31	19.93	20.53	20.32	20.40	---
4	19.22	19.37	19.02	18.95	18.98	19.04	19.30	20.04	20.56	20.36	20.37	---
5	19.26	19.34	18.96	18.92	18.95	18.99	19.31	20.08	20.58	20.41	20.37	---
6	19.24	19.34	18.94	19.00	19.00	18.97	19.29	20.08	20.51	20.45	20.43	---
7	19.13	19.28	18.89	19.01	18.98	19.03	19.29	20.12	20.50	20.49	20.47	---
8	18.97	19.19	18.92	18.99	18.94	19.02	19.38	20.13	20.48	20.47	20.50	---
9	19.04	19.25	19.00	18.77	19.03	19.02	19.41	20.16	20.47	20.36	20.51	---
10	19.07	19.26	19.01	18.82	19.00	18.95	19.49	20.24	20.47	20.29	20.51	---
11	19.13	19.30	18.98	18.87	19.00	18.95	19.47	20.24	20.44	20.33	20.51	20.58
12	19.17	19.37	18.98	18.95	19.01	19.03	19.34	20.21	20.37	20.35	20.50	20.65
13	19.16	19.36	18.97	19.04	19.01	19.03	19.40	20.22	20.31	20.34	20.46	20.69
14	19.12	19.31	19.02	19.01	18.89	18.89	19.54	20.33	20.30	20.34	20.42	20.70
15	19.11	19.36	19.05	18.95	18.85	18.97	19.60	20.35	20.29	20.37	20.44	20.70
16	19.10	19.34	18.99	18.83	18.91	19.04	19.67	20.44	20.29	20.42	20.47	20.70
17	19.09	19.29	18.92	18.99	18.93	19.04	19.60	20.51	20.27	20.43	20.46	20.71
18	19.05	19.18	18.96	18.98	18.97	19.00	19.69	20.56	20.27	20.44	20.45	20.73
19	19.07	19.09	18.94	18.97	18.96	18.95	19.66	20.56	20.28	20.47	20.46	20.75
20	19.07	19.07	19.02	18.97	18.98	18.95	19.71	20.57	20.29	20.54	20.45	20.75
21	19.11	19.05	19.04	19.01	18.94	18.94	19.75	20.62	20.31	20.59	---	20.81
22	19.11	19.13	19.03	18.96	18.88	18.92	19.76	20.73	20.33	20.60	---	20.86
23	19.08	19.15	19.00	18.96	18.97	19.03	19.75	20.75	20.40	20.60	---	20.83
24	19.11	19.13	18.93	18.94	18.98	19.12	19.89	20.73	20.48	20.43	---	20.80
25	19.16	19.08	19.01	18.90	18.95	19.11	19.99	20.68	20.53	20.41	---	20.64
26	19.22	19.07	19.00	19.00	18.94	19.06	20.06	20.73	20.54	20.40	---	20.59
27	19.26	19.19	18.97	18.99	18.90	19.09	20.03	20.76	20.50	20.39	---	20.54
28	19.19	19.19	18.97	18.94	18.92	19.07	19.85	20.81	20.34	20.40	---	20.40
29	19.17	19.16	18.96	19.02	---	19.05	19.88	20.80	20.30	20.41	---	20.43
30	19.16	19.09	18.98	18.95	---	19.09	19.89	20.71	20.33	20.45	---	20.46
31	19.20	---	18.95	18.90	---	19.14	---	20.62	---	20.48	---	---
MEAN	19.14	19.22	18.98	18.95	18.95	19.01	19.59	20.40	20.41	20.42	---	---
MAX	19.26	19.37	19.05	19.04	19.03	19.14	20.06	20.81	20.58	20.60	---	---
MIN	18.97	19.05	18.89	18.77	18.85	18.87	19.23	19.85	20.27	20.29	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.--333235081290801. Local number, AK-845

LOCATION.--Lat 33°32'32", long 81°29'08", Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 330 ft, 4 in from 299 to 341 ft, 351 to 356 ft, depth 356 ft, cased to 356 ft, screened from 341 to 351 ft.

INSTRUMENTATION.--Data collection platform--60 minute punch interval.

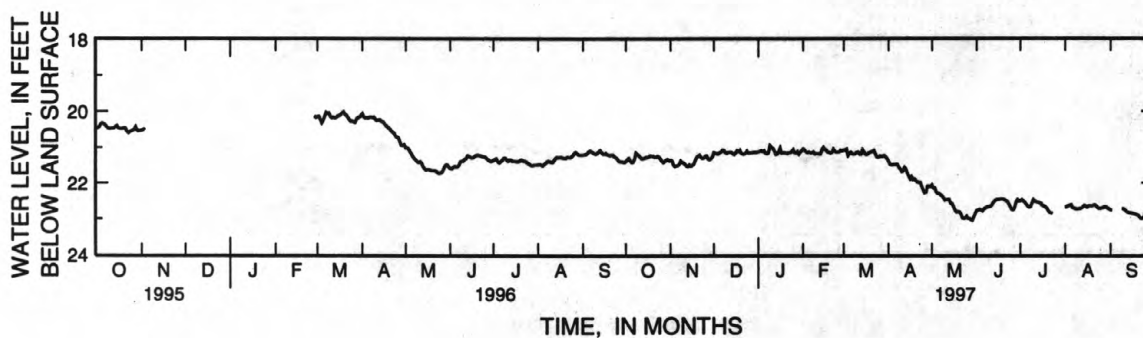
DATUM.--Land-surface datum is 295 ft above sea level. Measuring point: Opening in casing, 2.34 ft land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 20.02 ft below land-surface datum, Mar. 19, 1996; lowest, 23.04 ft below land-surface datum, May 29, 1997.

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	21.38	21.36	21.14	21.12	21.04	21.07	21.39	22.06	22.77	22.50	22.67	22.76
2	21.34	21.37	21.16	21.10	21.07	21.07	21.47	22.14	22.75	22.47	22.66	22.76
3	21.30	21.49	21.17	21.09	21.12	21.05	21.49	22.14	22.74	22.50	22.64	---
4	21.37	21.53	21.18	21.11	21.14	21.22	21.48	22.25	22.75	22.54	22.63	---
5	21.42	21.51	21.14	21.09	21.12	21.17	21.48	22.29	22.78	22.60	22.61	---
6	21.41	21.51	21.12	21.16	21.16	21.13	21.47	22.29	22.72	22.65	22.69	---
7	21.32	21.47	21.07	21.17	21.15	21.18	21.47	22.33	22.70	22.67	22.70	---
8	21.15	21.38	21.08	21.15	21.12	21.18	21.56	22.36	22.67	22.66	22.73	---
9	21.19	21.42	21.14	20.95	21.18	21.18	21.60	22.41	22.66	22.55	22.73	22.72
10	21.22	21.43	21.16	20.99	21.17	21.13	21.68	22.48	22.66	22.47	22.73	22.73
11	21.27	21.46	21.13	21.02	21.17	21.12	21.67	22.47	22.64	22.51	22.72	22.75
12	21.31	21.52	21.13	21.09	21.18	21.19	21.56	22.46	22.57	22.53	22.71	22.80
13	21.31	21.53	21.13	21.19	21.18	21.19	21.60	22.47	22.51	22.54	22.67	22.82
14	21.29	21.48	21.17	21.18	21.06	21.07	21.73	22.57	22.48	22.55	22.63	22.84
15	21.27	21.52	21.19	21.12	21.00	21.12	21.80	22.58	22.46	22.57	22.65	22.84
16	21.27	21.50	21.15	21.02	21.06	21.19	21.89	22.67	22.46	22.63	22.67	22.85
17	21.26	21.46	21.09	21.15	21.07	21.20	21.83	22.75	22.45	22.64	22.65	22.85
18	21.23	21.37	21.11	21.15	21.13	21.17	21.91	22.81	22.45	22.66	22.64	22.87
19	21.24	21.28	21.08	21.14	21.13	21.14	21.89	22.80	22.45	22.70	22.65	22.89
20	21.24	21.24	21.16	21.15	21.16	21.12	21.94	22.81	22.47	22.77	22.63	22.90
21	21.27	21.21	21.18	21.17	21.13	21.11	21.98	22.86	22.50	22.82	22.61	22.96
22	21.27	21.27	21.18	21.14	21.05	21.09	21.99	22.97	22.52	22.84	22.63	23.00
23	21.25	21.30	21.16	21.14	21.11	21.19	21.99	22.99	22.59	22.85	22.68	22.98
24	21.27	21.29	21.10	21.11	21.13	21.27	22.10	22.97	22.67	---	22.71	22.95
25	21.32	21.25	21.16	21.06	21.12	21.28	22.20	22.93	22.74	---	22.71	22.79
26	21.38	21.23	21.16	21.14	21.12	21.24	22.28	22.99	22.75	---	22.70	22.74
27	21.42	21.33	21.14	21.15	21.08	21.26	22.26	22.99	22.69	---	22.69	22.70
28	21.38	21.34	21.14	21.11	21.09	21.25	22.09	23.03	22.53	---	22.66	22.54
29	21.35	21.31	21.12	21.18	---	21.23	22.09	23.04	22.47	---	22.67	22.57
30	21.34	21.26	21.14	21.12	---	21.27	22.10	22.94	22.51	---	22.70	22.61
31	21.37	---	21.12	21.08	---	21.31	---	22.85	---	---	22.73	---
MEAN	21.30	21.39	21.14	21.11	21.12	21.17	21.80	22.64	22.60	---	22.67	---
MAX	21.42	21.53	21.19	21.19	21.18	21.31	22.28	23.04	22.78	---	22.73	---
MIN	21.15	21.21	21.07	20.95	21.00	21.05	21.39	22.06	22.45	---	22.61	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

445

WELL NUMBER.-- 333233081290802. Local number, AK-846.

LOCATION.--Lat 33°32'32", long 81°29'08", Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 223 ft, 4 in from 199 to 240 ft, 250 to 255 ft, depth 255 ft, cased to 255 ft, screened from 240 to 250 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

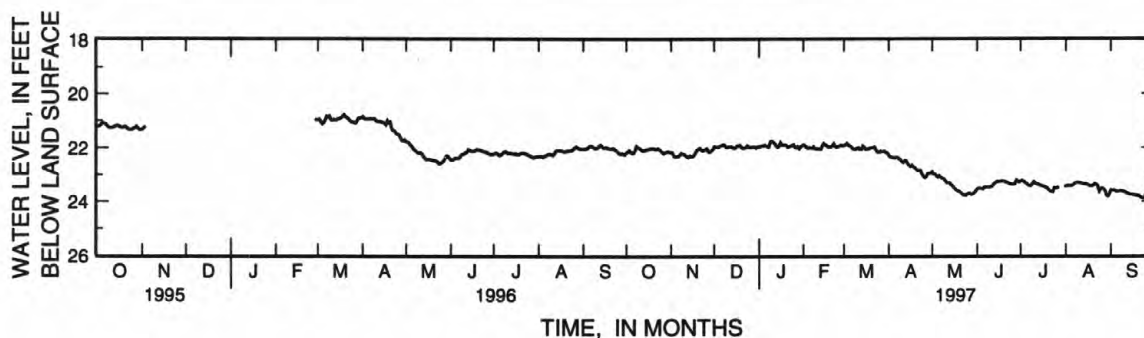
DATUM.--Land-surface datum is 297.80 ft above sea level. Measuring point: Opening in casing, 0.91 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.19	22.17	21.96	21.98	21.90	21.93	22.28	22.90	23.54	23.24	23.44	23.58
2	22.15	22.18	21.97	21.95	21.93	21.89	22.35	22.98	23.52	23.22	23.42	23.59
3	22.10	22.30	21.98	21.93	21.98	21.84	22.35	22.98	23.51	23.25	23.42	23.58
4	22.16	22.34	21.98	21.95	22.01	21.91	22.37	23.05	23.53	23.29	23.42	23.59
5	22.21	22.32	21.94	21.91	21.99	21.94	22.38	23.09	23.54	23.34	23.41	23.63
6	22.20	22.32	21.93	21.94	22.02	21.97	22.36	23.04	23.47	23.39	23.38	23.63
7	22.11	22.28	21.89	21.97	22.02	22.04	22.36	23.10	23.47	23.42	23.33	23.62
8	21.95	22.20	21.90	21.98	21.97	22.06	22.42	23.14	23.47	23.41	23.30	23.61
9	21.99	22.23	21.97	21.78	22.04	22.07	22.44	23.15	23.47	23.34	23.30	23.62
10	22.01	22.24	21.99	21.76	22.04	22.02	22.52	23.23	23.46	23.27	23.30	23.63
11	22.06	22.27	21.97	21.80	22.04	22.00	22.55	23.30	23.44	23.32	23.31	23.67
12	22.11	22.33	21.97	21.85	22.05	22.07	22.47	23.30	23.38	23.35	23.32	23.70
13	22.12	22.35	21.96	21.93	22.05	22.07	22.49	23.30	23.32	23.36	23.34	23.72
14	22.09	22.30	22.00	21.98	21.93	21.95	22.60	23.38	23.28	23.38	23.35	23.73
15	22.08	22.33	22.02	21.95	21.85	21.99	22.66	23.41	23.25	23.41	23.34	23.74
16	22.07	22.33	21.99	21.82	21.90	22.06	22.70	23.50	23.26	23.43	23.37	23.75
17	22.06	22.27	21.93	21.90	21.93	22.05	22.66	23.55	23.25	23.44	23.41	23.76
18	22.03	22.18	21.94	21.91	21.98	22.05	22.72	23.59	23.24	23.47	23.43	23.77
19	22.04	22.09	21.92	21.90	21.97	22.01	22.75	23.62	23.24	23.50	23.43	23.79
20	22.03	22.06	21.99	21.92	21.98	22.00	22.81	23.64	23.26	23.57	23.39	23.79
21	22.06	22.02	22.02	21.98	21.93	22.00	22.85	23.69	23.28	23.61	23.35	23.83
22	22.06	22.08	22.01	21.96	21.86	21.98	22.85	23.74	23.30	23.64	23.37	23.87
23	22.04	22.11	21.99	21.95	21.97	22.07	22.85	23.76	23.33	23.65	23.42	23.88
24	22.07	22.10	21.93	21.93	21.98	22.16	22.97	23.77	23.35	23.50	23.62	23.87
25	22.11	22.06	21.98	21.90	21.96	22.17	23.06	23.73	23.36	23.51	23.53	23.76
26	22.17	22.04	21.99	21.98	21.93	22.13	23.11	23.70	23.36	23.50	23.51	23.73
27	22.22	22.14	21.98	22.00	21.91	22.15	23.08	23.70	23.34	23.47	23.54	23.71
28	22.18	22.15	21.98	21.96	21.94	22.14	22.95	23.74	23.21	---	23.60	23.62
29	22.15	22.12	21.97	22.03	---	22.13	22.95	23.72	23.25	---	23.76	23.66
30	22.14	22.07	22.00	21.97	---	22.18	22.95	23.69	23.27	---	23.81	23.70
31	22.17	---	21.97	21.93	---	22.20	---	23.62	---	23.44	23.73	---
MEAN	22.10	22.20	21.97	21.93	21.97	22.04	22.66	23.42	23.36	---	23.44	23.70
MAX	22.22	22.35	22.02	22.03	22.05	22.20	23.11	23.77	23.54	---	23.81	23.88
MIN	21.95	22.02	21.89	21.76	21.85	21.84	22.28	22.90	23.21	---	23.30	23.58



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.-- 333234081290703. Local number, AK-847.

LOCATION.--Lat 33°32'32", long 81°29'08", Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 168 ft, 4 in from 135 to 178 ft, 188 to 193 ft, depth 193 ft, cased to 193 ft, screened from 178 to 188 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

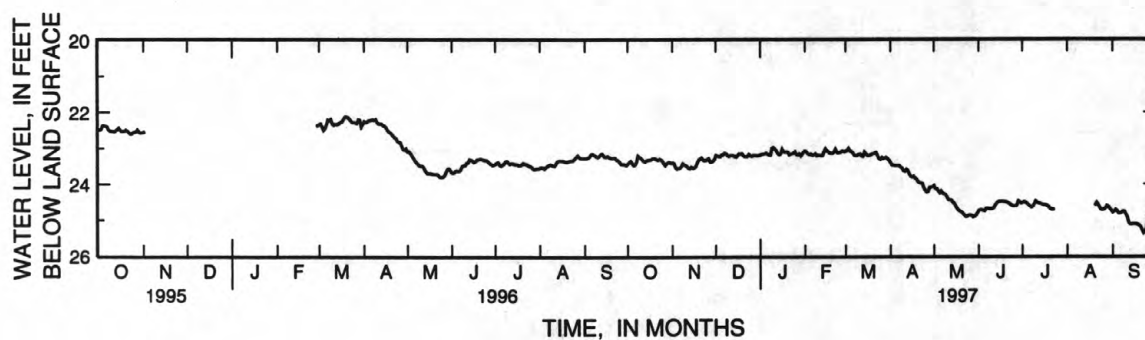
DATUM.--Land-surface datum is 295 ft above sea level. Measuring point: Opening in casing, 1.20 ft land-surface datum.

PERIOD OF RECORD.--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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.43	23.41	23.20	23.19	23.08	23.08	23.41	24.04	24.73	24.51	---	24.78
2	23.39	23.42	23.21	23.17	23.11	23.06	23.47	24.12	24.71	24.49	---	24.77
3	23.36	23.53	23.22	23.15	23.16	23.01	23.47	24.12	24.71	24.50	---	24.71
4	23.42	23.57	23.23	23.16	23.18	23.07	23.48	24.19	24.73	24.54	---	24.74
5	23.47	23.55	23.19	23.13	23.16	23.10	23.49	24.24	24.74	24.58	---	24.81
6	23.46	23.55	23.18	23.16	23.20	23.13	23.48	24.19	24.67	24.61	---	24.81
7	23.38	23.51	23.13	23.19	23.19	23.20	23.48	24.25	24.67	24.64	---	24.79
8	23.21	23.43	23.14	23.19	23.15	23.21	23.53	24.28	24.68	24.62	---	24.75
9	23.25	23.46	23.20	23.00	23.21	23.21	23.55	24.29	24.68	24.55	---	24.77
10	23.27	23.47	23.22	22.98	23.20	23.17	23.63	24.36	24.68	24.47	---	24.83
11	23.32	23.50	23.20	23.02	23.20	23.16	23.65	24.43	24.66	24.51	---	24.91
12	23.36	23.55	23.20	23.07	23.21	23.22	23.59	24.43	24.60	24.53	---	25.07
13	23.37	23.56	23.20	23.14	23.21	23.23	23.62	24.44	24.54	24.54	---	25.12
14	23.34	23.52	23.23	23.18	23.10	23.11	23.72	24.51	24.50	24.55	---	25.12
15	23.33	23.55	23.25	23.16	23.02	23.15	23.78	24.53	24.48	24.57	---	25.10
16	23.33	23.54	23.21	23.03	23.07	23.21	23.80	24.62	24.49	24.58	---	25.11
17	23.32	23.51	23.15	23.10	23.10	23.21	23.78	24.67	24.48	24.58	---	25.10
18	23.29	23.42	23.16	23.11	23.14	23.20	23.84	24.73	24.49	24.60	---	25.13
19	23.29	23.33	23.14	23.10	23.14	23.16	23.86	24.76	24.49	24.63	---	25.16
20	23.29	23.30	23.20	23.11	23.14	23.15	23.93	24.77	24.50	24.68	24.59	25.18
21	23.32	23.27	23.23	23.18	23.10	23.14	23.96	24.82	24.52	24.70	24.52	25.27
22	23.33	23.32	23.23	23.16	23.03	23.12	23.97	24.86	24.55	24.70	24.56	25.36
23	23.30	23.35	23.22	23.15	23.12	23.21	23.98	24.90	24.58	24.70	24.65	25.31
24	23.32	23.34	23.17	23.13	23.13	23.29	24.10	24.89	24.60	---	24.70	25.24
25	23.36	23.31	23.21	23.10	23.12	23.31	24.17	24.86	24.60	---	24.71	24.93
26	23.43	23.29	23.22	23.18	23.10	23.26	24.22	24.86	24.60	---	24.70	24.82
27	23.47	23.38	23.20	23.19	23.08	23.29	24.21	24.87	24.59	---	24.67	24.72
28	23.42	23.38	23.20	23.15	23.10	23.28	24.09	24.91	24.47	---	24.61	24.39
29	23.40	23.36	23.20	23.21	---	23.26	24.08	24.89	24.50	---	24.62	24.47
30	23.39	23.31	23.21	23.15	---	23.30	24.08	24.86	24.53	---	24.67	24.54
31	23.42	---	23.20	23.10	---	23.34	---	24.80	---	---	24.72	---
MEAN	23.36	23.43	23.20	23.13	23.13	23.19	23.78	24.56	24.59	---	---	24.93
MAX	23.47	23.57	23.25	23.21	23.21	23.34	24.22	24.91	24.74	---	---	25.36
MIN	23.21	23.27	23.13	22.98	23.02	23.01	23.41	24.04	24.47	---	---	24.39



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

447

WELL NUMBER.--333233081290704. Local number, AK-848.

LOCATION.--Lat 33°32'32", long 81°29'08", Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 105 ft, 4 in from 75 to 116 ft, 126 to 131 ft, depth 131 ft, cased to 131 ft, screened from 116 to 126 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

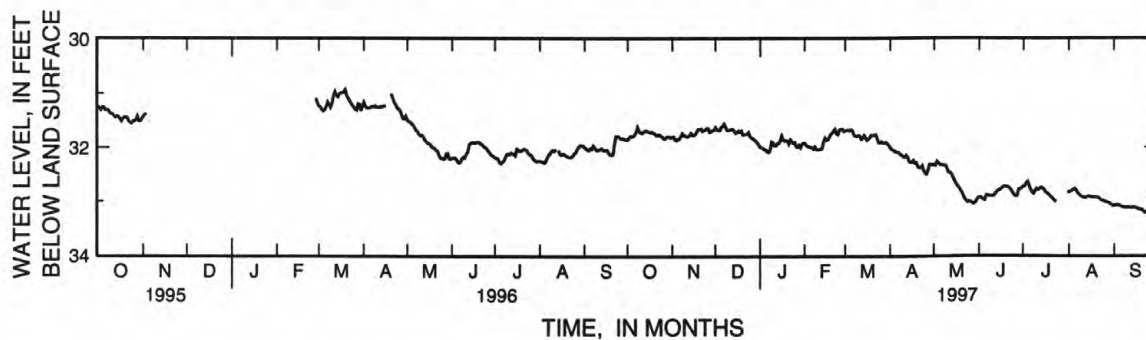
DATUM.--Land-surface datum is 299.70 ft above sea level. Measuring point: Opening in casing, 1.06 ft above land-surface datum.

PERIOD OF RECORD.--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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.86	31.81	31.62	31.99	31.92	31.69	32.01	32.32	32.93	32.73	32.83	33.09
2	31.82	31.80	31.67	32.00	31.96	31.68	32.04	32.34	32.93	32.72	32.82	33.08
3	31.79	31.86	31.68	32.01	31.98	31.67	32.05	32.27	32.95	32.67	32.81	33.06
4	31.80	31.87	31.68	32.04	31.99	31.69	32.07	32.29	32.97	32.64	32.78	33.07
5	31.79	31.85	31.62	32.04	31.99	31.67	32.09	32.33	32.98	32.73	32.77	33.09
6	31.76	31.84	31.60	32.08	32.01	31.69	32.09	32.33	32.89	32.79	32.81	33.10
7	31.71	31.80	31.56	32.09	32.03	31.77	32.10	32.34	32.89	32.84	32.85	33.11
8	31.62	31.74	31.61	32.06	31.99	31.79	32.13	32.34	32.90	32.86	32.88	33.11
9	31.69	31.77	31.67	31.90	32.04	31.80	32.15	32.34	32.90	32.81	32.90	33.12
10	31.72	31.78	31.68	31.91	32.04	31.78	32.18	32.41	32.90	32.77	32.92	33.11
11	31.73	31.80	31.67	31.97	32.04	31.79	32.19	32.47	32.90	32.79	32.93	33.11
12	31.71	31.80	31.66	31.97	32.03	31.85	32.15	32.47	32.87	32.77	32.94	33.12
13	31.69	31.77	31.66	31.93	32.02	31.84	32.18	32.50	32.83	32.75	32.93	33.12
14	31.68	31.73	31.69	31.92	31.90	31.78	32.26	32.57	32.81	32.76	32.91	33.11
15	31.70	31.77	31.73	31.88	31.83	31.82	32.28	32.61	32.79	32.79	32.91	33.11
16	31.71	31.77	31.72	31.79	31.87	31.87	32.28	32.68	32.78	32.83	32.93	33.13
17	31.72	31.75	31.69	31.86	31.86	31.85	32.25	32.71	32.75	32.85	32.92	33.13
18	31.71	31.71	31.71	31.88	31.81	31.82	32.30	32.75	32.73	32.88	32.92	33.15
19	31.73	31.66	31.69	31.87	31.75	31.77	32.29	32.79	32.73	32.91	32.93	33.16
20	31.74	31.66	31.76	31.88	31.73	31.78	32.36	32.83	32.74	32.93	32.93	33.16
21	31.77	31.65	31.76	31.93	31.69	31.77	32.39	32.89	32.74	32.96	32.93	33.19
22	31.78	31.69	31.75	31.86	31.66	31.76	32.39	32.95	32.77	32.98	32.96	33.21
23	31.76	31.68	31.75	31.89	31.75	31.84	32.35	32.99	32.81	33.01	32.98	33.20
24	31.78	31.67	31.72	31.92	31.76	31.91	32.43	33.02	32.85	---	32.98	33.19
25	31.80	31.64	31.80	31.91	31.67	31.92	32.49	33.00	32.89	---	33.00	33.08
26	31.83	31.64	31.82	31.98	31.66	31.90	32.50	33.01	32.91	---	33.01	33.04
27	31.84	31.71	31.83	31.99	31.66	31.92	32.43	33.03	32.90	---	33.02	33.00
28	31.81	31.70	31.86	31.96	31.70	31.92	32.32	33.05	32.78	---	33.03	32.86
29	31.80	31.68	31.88	32.00	---	31.91	32.32	33.04	32.78	---	33.04	32.82
30	31.80	31.67	31.91	31.94	---	31.94	32.34	33.00	32.76	---	33.06	32.79
31	31.82	---	31.95	31.92	---	31.96	---	32.96	---	32.83	33.08	---
MEAN	31.76	31.74	31.72	31.95	31.87	31.81	32.25	32.67	32.85	---	32.93	33.09
MAX	31.86	31.87	31.95	32.09	32.04	31.96	32.50	33.05	32.98	---	33.08	33.21
MIN	31.62	31.64	31.56	31.79	31.66	31.67	32.01	32.27	32.73	---	32.77	32.79



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS AIKEN COUNTY

WELL NUMBER.-- 333232081290605. Local number, AK-849.

LOCATION.--Lat 33°32'32", long 81°29'08", Hydrologic Unit 03050204, Aiken State Park, approximately .4 mi east of County Highway 53, north west of New Ellenton. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Ellenton.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 68 ft, 4 in from 41 to 82 ft, 92 to 97 ft, depth 97 ft, screened from 82 to 92 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

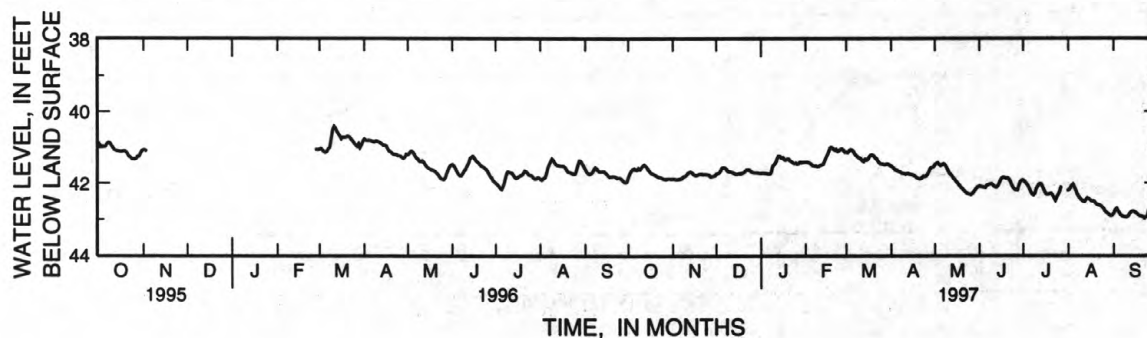
DATUM.--Land-surface datum is 295 ft above sea level. Measuring point: Opening in casing, 1.39 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 40.41 ft below land-surface datum, Mar. 11, 1996; lowest, 42.97 ft below land-surface datum, Sept. 22, 1997.

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	41.82	41.88	41.74	41.72	41.41	41.13	41.52	41.48	42.08	41.92	42.20	42.84
2	41.73	41.88	41.73	41.71	41.41	41.14	41.56	41.45	42.10	41.96	42.16	42.74
3	41.65	41.90	41.70	41.71	41.42	41.10	41.59	41.43	42.10	42.01	42.08	42.71
4	41.61	41.90	41.65	41.73	41.44	41.06	41.63	41.47	42.11	42.06	42.03	42.77
5	41.59	41.89	41.57	41.72	41.47	41.07	41.65	41.51	42.12	42.14	42.09	42.84
6	41.62	41.88	41.56	41.74	41.51	41.12	41.67	41.48	42.06	42.23	42.20	42.89
7	41.63	41.87	41.57	41.74	41.52	41.19	41.68	41.46	42.05	42.31	42.30	42.92
8	41.58	41.82	41.61	41.70	41.51	41.23	41.71	41.49	42.03	42.33	42.37	42.94
9	41.61	41.81	41.67	41.52	41.54	41.27	41.72	41.55	42.02	42.28	42.43	42.95
10	41.57	41.78	41.67	41.48	41.53	41.29	41.73	41.64	42.05	42.15	42.47	42.95
11	41.51	41.74	41.68	41.43	41.50	41.32	41.75	41.71	42.09	42.08	42.51	42.91
12	41.48	41.69	41.69	41.31	41.48	41.37	41.72	41.76	42.11	42.02	42.52	42.85
13	41.52	41.68	41.71	41.24	41.47	41.39	41.73	41.80	42.10	42.02	42.46	42.80
14	41.57	41.69	41.74	41.25	41.38	41.33	41.76	41.87	42.05	42.08	42.41	42.78
15	41.63	41.75	41.75	41.29	41.28	41.35	41.76	41.91	41.94	42.17	42.43	42.79
16	41.68	41.77	41.74	41.28	41.21	41.33	41.77	41.97	41.88	42.26	42.48	42.82
17	41.72	41.78	41.72	41.34	41.10	41.25	41.79	42.01	41.84	42.32	42.50	42.85
18	41.74	41.77	41.74	41.35	41.01	41.21	41.83	42.06	41.84	42.32	42.50	42.89
19	41.76	41.75	41.70	41.32	41.00	41.21	41.86	42.11	41.87	42.30	42.52	42.91
20	41.78	41.75	41.70	41.32	41.04	41.24	41.88	42.15	41.86	42.29	42.58	42.92
21	41.81	41.74	41.66	41.37	41.07	41.29	41.88	42.20	41.89	42.33	42.60	42.94
22	41.83	41.76	41.62	41.39	41.05	41.32	41.86	42.24	41.95	42.41	42.61	42.97
23	41.84	41.75	41.62	41.43	41.11	41.39	41.80	42.27	42.05	42.48	42.63	42.95
24	41.85	41.76	41.63	41.45	41.09	41.44	41.82	42.30	42.13	42.39	42.65	42.91
25	41.87	41.76	41.67	41.43	41.05	41.46	41.80	42.31	42.17	42.31	42.70	42.74
26	41.89	41.77	41.69	41.46	41.04	41.46	41.75	42.32	42.20	42.22	42.76	42.57
27	41.90	41.82	41.70	41.45	41.08	41.48	41.67	42.29	42.20	42.09	42.81	42.36
28	41.88	41.81	41.70	41.41	41.13	41.48	41.58	42.24	42.06	---	42.84	42.00
29	41.88	41.80	41.70	41.43	---	41.46	41.56	42.18	41.96	---	42.88	41.84
30	41.88	41.79	41.71	41.41	---	41.47	41.55	42.13	41.92	---	42.90	41.80
31	41.89	---	41.71	41.41	---	41.50	---	42.10	---	42.20	42.89	---
MEAN	41.72	41.79	41.68	41.47	41.28	41.30	41.72	41.90	42.03	---	42.50	42.74
MAX	41.90	41.90	41.75	41.74	41.54	41.50	41.88	42.32	42.20	---	42.90	42.97
MIN	41.48	41.68	41.56	41.24	41.00	41.06	41.52	41.43	41.84	---	42.03	41.80



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ANDERSON COUNTY

449

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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 785 ft above sea level. Measuring point: Top of casing at land-surface datum.

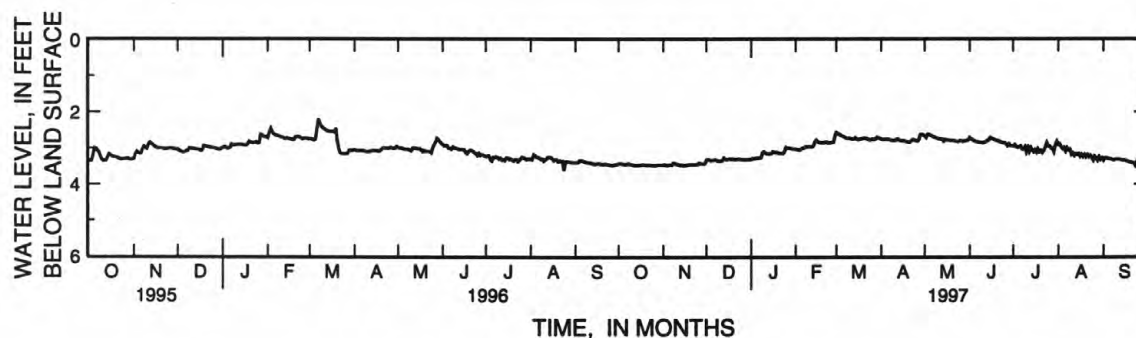
REMARKS.--Geophysical logs available in District files. Water level affected by nearby pumpage.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 2.21 ft below land-surface datum, Mar. 7, 1996; lowest, 4.35 ft below land-surface datum, June 13, 1994.

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	3.42	3.46	3.32	3.30	3.03	2.57	2.76	2.67	2.71	2.95	2.91	3.34
2	3.42	3.45	3.31	3.28	3.04	2.60	2.77	2.71	2.75	2.91	2.89	3.28
3	3.42	3.47	3.32	3.29	3.05	2.60	2.76	2.62	2.78	2.97	2.98	3.27
4	3.44	3.47	3.34	3.29	3.05	2.65	2.76	2.62	2.80	2.99	3.03	3.30
5	3.44	3.46	3.33	3.27	3.00	2.66	2.77	2.65	2.82	2.98	2.99	3.30
6	3.45	3.46	3.33	3.27	3.00	2.68	2.76	2.66	2.82	2.95	3.09	3.31
7	3.44	3.46	3.32	3.27	2.99	2.71	2.77	2.70	2.84	3.04	3.00	3.31
8	3.42	3.41	3.33	3.26	2.96	2.72	2.79	2.71	2.85	3.04	3.06	3.34
9	3.44	3.42	3.35	3.12	2.97	2.73	2.79	2.71	2.85	2.97	3.04	3.32
10	3.45	3.43	3.35	3.10	2.96	2.72	2.80	2.74	2.86	3.11	3.18	3.31
11	3.46	3.44	3.35	3.13	2.97	2.74	2.79	2.75	2.85	2.99	3.14	3.31
12	3.47	3.46	3.34	3.15	2.97	2.76	2.75	2.75	2.83	3.10	3.21	3.32
13	3.47	3.47	3.27	3.15	2.94	2.76	2.77	2.75	2.79	2.99	3.16	3.33
14	3.47	3.46	3.30	3.15	2.84	2.71	2.80	2.81	2.79	3.06	3.19	3.34
15	3.47	3.48	3.31	3.14	2.78	2.75	2.80	2.77	2.71	3.11	3.16	3.34
16	3.46	3.47	3.30	3.10	2.81	2.77	2.80	2.78	2.73	3.05	3.23	3.35
17	3.46	3.47	3.29	3.11	2.84	2.76	2.80	2.78	2.75	3.12	3.18	3.36
18	3.45	3.46	3.30	3.12	2.85	2.75	2.82	2.79	2.77	3.03	3.24	3.38
19	3.46	3.45	3.29	3.12	2.85	2.73	2.82	2.79	2.79	3.11	3.19	3.39
20	3.46	3.45	3.30	3.13	2.86	2.72	2.84	2.79	2.80	3.07	3.25	3.40
21	3.47	3.45	3.31	3.14	2.84	2.73	2.83	2.80	2.81	3.13	3.19	3.42
22	3.46	3.45	3.30	3.14	2.82	2.73	2.79	2.81	2.83	3.08	3.25	3.42
23	3.46	3.45	3.30	3.14	2.86	2.77	2.77	2.82	2.85	2.98	3.21	3.49
24	3.47	3.45	3.29	3.10	2.86	2.78	2.78	2.82	2.86	2.86	3.27	3.39
25	3.47	3.44	3.31	2.98	2.85	2.77	2.80	2.80	2.86	2.95	3.34	3.30
26	3.48	3.41	3.31	3.00	2.84	2.75	2.81	2.80	2.89	2.95	3.23	3.32
27	3.47	3.43	3.31	3.00	2.84	2.77	2.77	2.82	2.94	3.01	3.28	3.33
28	3.46	3.43	3.31	3.00	2.65	2.75	2.63	2.81	2.89	3.00	3.34	3.32
29	3.46	3.43	3.31	3.02	---	2.70	2.62	2.80	2.94	3.10	3.25	3.33
30	3.46	3.42	3.31	3.02	---	2.71	2.64	2.80	2.94	2.91	3.32	3.35
31	3.46	---	3.31	3.02	---	2.73	---	2.78	---	2.82	3.27	---
MEAN	3.45	3.45	3.31	3.14	2.90	2.72	2.77	2.76	2.82	3.01	3.16	3.34
MAX	3.48	3.48	3.35	3.30	3.05	2.78	2.84	2.82	2.94	3.13	3.34	3.49
MIN	3.42	3.41	3.27	2.98	2.65	2.57	2.62	2.62	2.71	2.82	2.89	3.27



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

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.

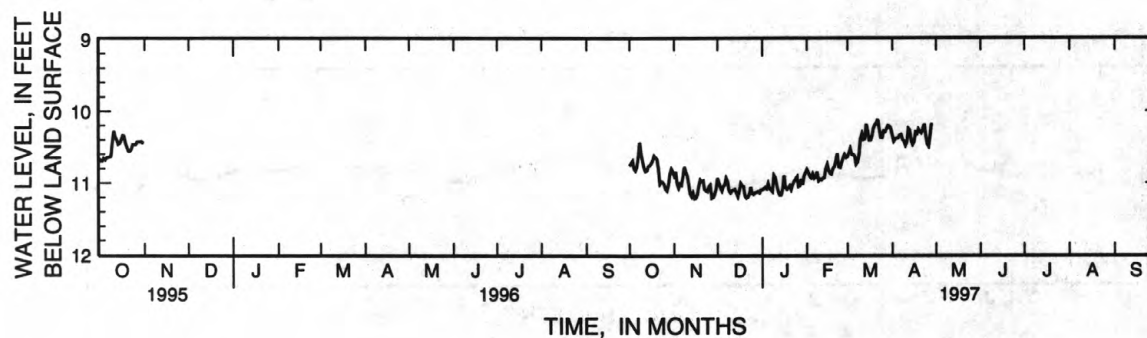
DATUM.--Land-surface datum is 208.64 ft above sea level. Measuring point: Opening in casing, 1.62 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.76	10.90	10.94	11.10	10.82	10.64	10.34	---	---	---	---	---
2	10.73	10.85	11.00	11.08	10.86	10.59	10.42	---	---	---	---	---
3	10.70	11.01	11.06	11.06	10.91	10.53	10.39	---	---	---	---	---
4	10.80	11.07	11.11	11.08	10.93	10.61	10.38	---	---	---	---	---
5	10.83	11.01	11.05	11.01	10.88	10.61	10.38	---	---	---	---	---
6	10.78	11.03	11.02	11.08	10.94	10.63	10.34	---	---	---	---	---
7	10.63	10.92	10.94	11.10	10.92	10.74	10.33	---	---	---	---	---
8	10.44	10.78	10.99	11.12	10.85	10.71	10.40	---	---	---	---	---
9	10.61	10.85	11.11	10.90	10.97	10.62	10.42	---	---	---	---	---
10	10.70	10.90	11.14	10.93	10.95	10.39	10.48	---	---	---	---	---
11	10.80	11.01	11.11	11.03	10.96	10.32	10.44	---	---	---	---	---
12	10.84	11.15	11.10	11.13	10.94	10.40	10.25	---	---	---	---	---
13	10.83	11.19	11.09	11.17	10.93	10.39	10.27	---	---	---	---	---
14	10.77	11.14	11.14	11.17	10.81	10.19	10.42	---	---	---	---	---
15	10.76	11.22	11.19	11.09	10.75	10.28	10.47	---	---	---	---	---
16	10.73	11.21	11.12	10.90	10.83	10.41	10.43	---	---	---	---	---
17	10.69	11.16	11.01	11.06	10.87	10.41	10.30	---	---	---	---	---
18	10.63	11.04	11.04	11.09	10.88	10.35	10.32	---	---	---	---	---
19	10.65	10.96	11.05	11.07	10.80	10.24	10.26	---	---	---	---	---
20	10.67	10.98	11.18	11.04	10.78	10.20	10.29	---	---	---	---	---
21	10.80	10.97	11.21	11.09	10.69	10.17	10.31	---	---	---	---	---
22	11.01	11.09	11.20	11.02	10.60	10.12	10.26	---	---	---	---	---
23	10.98	11.11	11.16	10.98	10.78	10.26	10.19	---	---	---	---	---
24	10.99	11.12	11.06	10.95	10.79	10.37	10.33	---	---	---	---	---
25	11.02	11.05	11.15	10.92	10.72	10.37	10.46	---	---	---	---	---
26	11.09	11.03	11.16	11.05	10.65	10.28	10.49	---	---	---	---	---
27	11.11	11.21	11.14	11.04	10.61	10.29	10.34	---	---	---	---	---
28	11.03	11.20	11.13	10.95	10.65	10.25	10.18	---	---	---	---	---
29	10.88	11.16	11.12	11.02	---	10.21	---	---	---	---	---	---
30	10.81	11.08	11.14	10.91	---	10.22	---	---	---	---	---	---
31	10.85	---	11.10	10.86	---	10.25	---	---	---	---	---	---
MEAN	10.80	11.05	11.10	11.03	10.82	10.39	---	---	---	---	---	---
MAX	11.11	11.22	11.21	11.17	10.97	10.74	---	---	---	---	---	---
MIN	10.44	10.78	10.94	10.86	10.60	10.12	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

451

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 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Data collection platform--60 minute punch interval.

DATUM.--Land-surface datum is 208.02 ft above sea level. Measuring point: Opening in casing, 0.60 ft above land-surface datum.

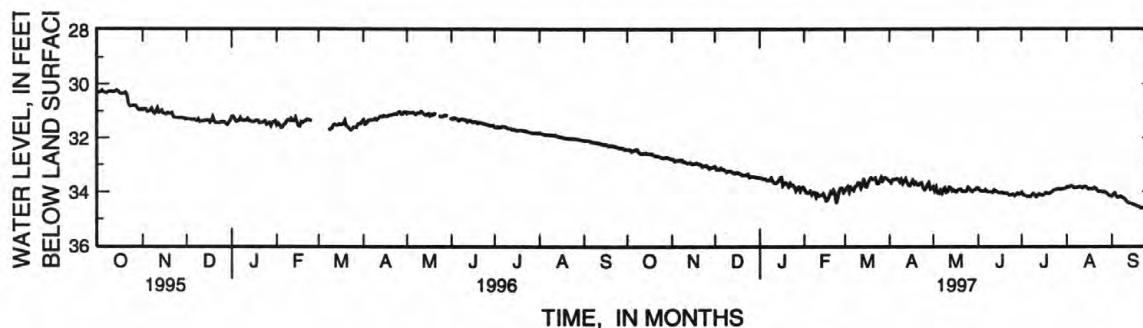
PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 24.56 ft below land-surface datum, May 3, 1993; lowest, 35.04 ft below land-surface datum, Apr. 1, 1989.

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	32.43	32.77	33.06	33.49	33.91	33.97	33.61	33.82	33.86	34.02	33.84	34.17
2	32.42	32.80	33.17	33.49	34.02	33.85	33.67	33.97	33.95	34.12	33.82	34.10
3	32.44	32.87	33.15	33.51	34.05	33.80	33.54	33.84	33.97	34.13	33.83	34.06
4	32.50	32.85	33.18	33.53	34.04	34.00	33.55	34.04	33.98	34.16	33.79	34.16
5	32.48	32.83	33.12	33.52	33.98	33.84	33.53	34.07	33.97	34.18	33.80	34.22
6	32.46	32.85	33.17	33.58	34.11	33.90	33.51	33.95	33.93	34.16	33.86	34.20
7	32.42	32.82	33.17	33.58	34.03	33.95	33.53	34.06	34.00	34.17	33.86	34.18
8	32.42	32.82	33.22	33.57	34.03	33.81	33.64	33.92	34.01	34.13	33.85	34.21
9	32.54	32.90	33.27	33.49	34.20	33.79	33.55	33.86	34.01	34.07	33.83	34.25
10	32.56	32.89	33.23	33.61	34.09	33.67	33.70	34.02	34.01	34.11	33.82	34.27
11	32.59	32.93	33.23	33.67	34.15	33.68	33.62	34.00	34.02	34.19	33.84	34.36
12	32.58	32.95	33.25	33.68	34.13	33.85	33.52	33.84	33.94	34.15	33.87	34.41
13	32.56	32.93	33.27	33.65	34.14	33.70	33.66	33.85	33.98	34.08	33.81	34.43
14	32.55	32.92	33.31	33.60	34.07	33.50	33.76	33.97	34.00	34.11	33.81	34.44
15	32.59	32.98	33.31	33.48	34.19	33.80	33.78	33.93	34.04	34.13	33.86	34.45
16	32.59	32.96	33.27	33.46	34.33	33.82	33.66	33.99	34.04	34.13	33.90	34.49
17	32.59	32.96	33.28	33.77	34.29	33.67	33.58	34.01	34.02	34.07	33.88	34.50
18	32.58	32.93	33.33	33.69	34.19	33.55	33.72	33.94	34.06	34.04	33.89	34.54
19	32.63	32.95	33.35	33.67	34.01	33.48	33.65	33.92	34.06	34.07	33.90	34.54
20	32.65	32.99	33.39	33.72	34.06	33.53	33.74	33.91	34.06	34.07	33.85	34.57
21	32.68	32.98	33.39	33.81	33.94	33.52	33.75	33.99	34.06	34.04	33.88	34.62
22	32.67	33.07	33.37	33.69	34.02	33.49	33.69	33.98	34.12	34.00	33.96	34.61
23	32.67	33.05	33.37	33.78	34.42	33.69	33.67	34.00	34.14	33.94	34.00	34.58
24	32.71	33.05	33.35	33.76	34.22	33.70	33.86	33.97	34.11	33.94	33.99	34.58
25	32.73	33.03	33.46	33.83	33.96	33.61	33.93	33.84	34.09	33.92	34.01	34.55
26	32.75	33.08	33.43	33.96	33.87	33.47	33.88	33.88	34.15	33.89	34.02	34.13
27	32.75	33.14	33.43	33.86	33.87	33.59	33.73	33.97	34.11	33.90	34.00	34.32
28	32.71	33.10	33.44	33.83	34.03	33.49	33.67	34.00	34.06	33.91	34.04	34.62
29	32.74	33.10	33.45	33.97	---	33.48	33.91	33.93	34.10	33.88	34.08	34.72
30	32.75	33.08	33.48	33.85	---	33.51	33.88	33.93	34.08	33.89	34.14	34.45
31	32.79	---	33.47	33.83	---	33.57	---	33.85	---	33.89	34.16	---
MEAN	32.60	32.95	33.30	33.68	34.08	33.69	33.68	33.94	34.03	34.05	33.91	34.39
MAX	32.79	33.14	33.48	33.97	34.42	34.00	33.93	34.07	34.15	34.19	34.16	34.72
MIN	32.42	32.77	33.06	33.46	33.87	33.47	33.51	33.82	33.86	33.88	33.79	34.06



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

WELL NUMBER.--331038081184201. Local number, BW-351.

LOCATION.--Lat 33°10'44", long 81°18'51", Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Tertiary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 80 ft, 4 in from 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 208.27 ft above sea level. Measuring point: Opening in casing, .96 ft above land-surface datum.

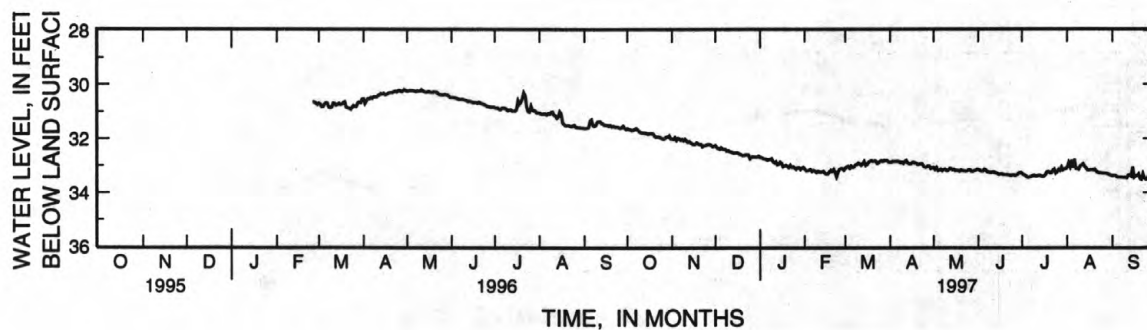
PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.93 ft below land-surface datum, May 12, 13, 1993; lowest, 34.32 ft below land-surface datum, Apr. 12, 1989.

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	31.63	32.00	32.26	32.71	33.13	33.10	32.88	33.07	33.16	33.30	33.08	33.38
2	31.66	32.02	32.34	32.70	33.19	33.05	32.88	33.15	33.18	33.35	33.00	33.37
3	31.67	32.00	32.37	32.74	33.19	33.03	32.84	33.08	33.21	33.39	33.05	33.37
4	31.70	32.05	32.40	32.76	33.18	33.10	32.86	33.19	33.21	33.41	33.00	33.42
5	31.69	31.98	32.34	32.76	33.15	33.01	32.85	33.18	33.14	33.44	33.08	33.44
6	31.67	32.01	32.40	32.80	33.22	33.06	32.84	33.14	33.16	33.42	33.06	33.44
7	31.63	32.05	32.40	32.77	33.18	33.05	32.86	33.20	33.25	33.42	33.12	33.43
8	31.67	32.02	32.41	32.77	33.20	32.98	32.89	33.15	33.25	33.39	33.11	33.44
9	31.73	32.07	32.47	32.75	33.26	32.97	32.87	33.14	33.27	33.36	33.15	33.45
10	31.76	32.02	32.45	32.86	33.21	32.91	32.92	33.20	33.27	33.39	33.02	33.44
11	31.79	32.08	32.49	32.90	33.24	32.94	32.86	33.19	33.25	33.40	33.00	33.46
12	31.79	32.13	32.50	32.86	33.24	32.99	32.82	33.12	33.26	33.37	33.01	33.43
13	31.79	32.11	32.53	32.97	33.24	32.92	32.89	33.12	33.29	33.36	33.03	33.33
14	31.80	32.15	32.55	32.94	33.22	32.85	32.94	33.16	33.30	33.40	33.11	33.41
15	31.83	32.19	32.53	32.87	33.29	33.00	32.94	33.14	33.33	33.41	33.17	33.42
16	31.82	32.22	32.53	32.92	33.32	32.97	32.90	33.19	33.32	33.40	33.18	33.44
17	31.81	32.21	32.55	33.04	33.31	32.88	32.88	33.18	33.32	33.33	33.17	33.40
18	31.81	32.15	32.59	33.01	33.24	32.84	32.91	33.19	33.33	33.25	33.16	33.42
19	31.83	32.18	32.60	32.99	33.18	32.82	32.91	33.21	33.33	33.23	33.17	33.39
20	31.91	32.22	32.63	33.03	33.22	32.85	32.96	33.17	33.34	33.28	33.15	33.49
21	31.94	32.21	32.62	33.07	33.15	32.83	32.95	33.19	33.34	33.28	33.21	33.51
22	31.93	32.30	32.60	32.99	33.24	32.83	32.94	33.19	33.36	33.18	33.26	33.43
23	31.94	32.26	32.60	33.06	33.41	32.92	32.94	33.21	33.37	33.14	33.28	33.46
24	31.97	32.27	32.61	33.04	33.25	32.91	33.03	33.21	33.36	33.28	33.28	33.51
25	31.99	32.23	32.74	33.10	33.14	32.84	33.06	33.16	33.35	33.24	33.29	33.48
26	32.01	32.21	32.69	33.14	33.12	32.82	33.06	33.16	33.37	33.15	33.29	33.38
27	31.99	32.22	32.68	33.08	33.11	32.85	33.01	33.21	33.36	33.19	33.29	33.40
28	31.94	32.25	32.69	33.08	33.17	32.81	33.01	33.22	33.31	33.09	33.30	33.56
29	31.94	32.30	32.69	33.15	---	32.82	33.11	33.19	33.28	33.17	33.31	33.55
30	31.90	32.28	32.69	33.10	---	32.82	33.07	33.18	33.28	33.13	33.34	33.58
31	32.00	---	32.66	33.07	---	32.87	---	33.14	---	33.13	33.36	---
MEAN	31.82	32.15	32.54	32.94	33.21	32.92	32.93	33.17	33.28	33.30	33.16	33.44
MAX	32.01	32.30	32.74	33.15	33.41	33.10	33.11	33.22	33.37	33.44	33.36	33.58
MIN	31.63	31.98	32.26	32.70	33.11	32.81	32.82	33.07	33.14	33.09	33.00	33.33



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

453

WELL NUMBER.--331044081185301. Local number, BW-352.

LOCATION.--Lat 33°10'44", long 81°18'51", Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Lower Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 270 ft, 4 in 248 to 278 ft, depth 295 ft, cased to 293 ft, screened interval from 278 to 288 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

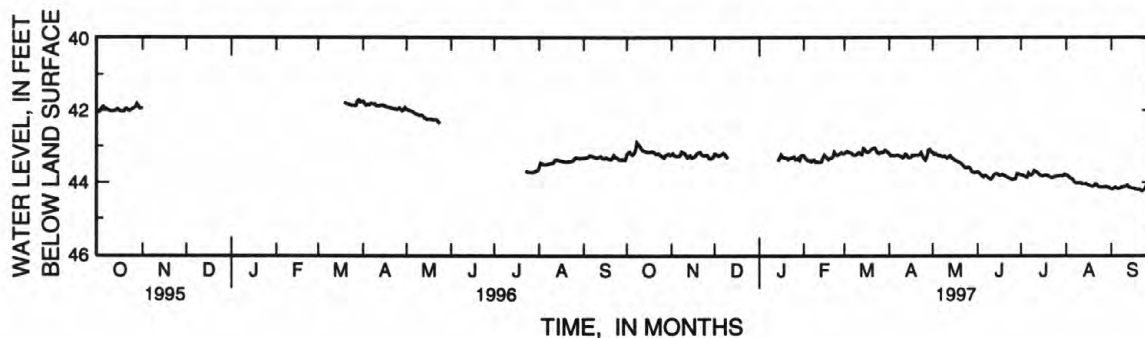
DATUM.--Land-surface datum is 205 ft above sea level. Measuring point: Opening in casing, 1.58 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to September 1990, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 38.63 ft below land-surface datum, Apr. 21, 1993; lowest, 46.03 ft below land-surface datum, July 17, 1990.

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	43.22	43.23	43.21	---	43.27	43.20	43.21	43.17	43.71	43.79	43.80	44.18
2	43.18	43.20	43.22	---	43.33	43.17	43.26	43.22	43.74	43.80	43.81	44.18
3	43.16	43.25	43.25	---	43.37	43.14	43.25	43.20	43.78	43.83	43.86	44.15
4	43.21	43.28	43.27	---	43.41	43.18	43.26	43.23	43.82	43.85	43.89	44.14
5	43.23	43.28	43.24	---	43.40	43.18	43.26	43.26	43.85	43.86	43.90	44.17
6	43.20	43.28	43.22	---	43.43	43.20	43.24	43.25	43.81	43.75	43.95	44.17
7	43.11	43.25	43.19	---	43.40	43.24	43.24	43.28	43.83	43.80	44.00	44.16
8	42.89	43.16	43.22	---	43.38	43.24	43.27	43.29	43.86	43.80	44.02	44.14
9	42.94	43.18	43.28	---	43.44	43.24	43.28	43.27	43.89	43.75	44.02	44.13
10	42.99	43.19	43.33	---	43.43	43.20	43.32	43.30	43.91	43.68	44.01	44.12
11	43.06	43.24	---	---	43.44	43.18	43.31	43.33	43.88	43.71	44.01	44.10
12	43.11	43.31	---	---	43.44	43.22	43.22	43.29	43.81	43.73	44.04	44.08
13	43.13	43.30	---	---	43.43	43.23	43.23	43.26	43.77	43.77	44.05	44.13
14	43.14	43.26	---	43.40	43.33	43.06	43.31	43.33	43.76	43.80	44.04	44.15
15	43.16	43.32	---	43.34	43.24	43.09	43.32	43.33	43.77	43.82	44.04	44.16
16	43.16	43.31	---	43.24	43.28	43.15	43.31	43.38	43.81	43.83	44.08	44.17
17	43.16	43.29	---	43.30	43.33	43.17	43.25	43.40	43.80	43.81	44.08	44.17
18	43.14	43.24	---	43.31	43.36	43.15	43.26	43.42	43.78	43.80	44.10	44.19
19	43.16	43.19	---	43.32	43.33	43.11	43.24	43.44	43.81	43.81	44.11	44.20
20	43.17	43.18	---	43.32	43.33	43.08	43.25	43.45	43.83	43.84	44.10	44.19
21	43.21	43.17	---	43.36	43.29	43.06	43.25	43.49	43.85	43.85	44.05	44.21
22	43.22	43.23	---	43.33	43.17	43.05	43.23	43.54	43.87	43.87	44.06	44.24
23	43.20	43.25	---	43.33	43.23	43.12	43.18	43.58	43.89	43.88	44.11	44.22
24	43.23	43.26	---	43.31	43.25	43.19	43.27	43.60	43.91	43.84	44.13	44.18
25	43.26	43.24	---	43.29	43.23	43.20	43.34	43.58	43.92	43.84	44.13	44.10
26	43.30	43.24	---	43.36	43.20	43.17	43.38	43.58	43.91	43.83	44.13	44.01
27	43.31	43.33	---	43.36	43.18	43.18	43.29	43.63	43.91	43.83	44.13	43.97
28	43.25	43.34	---	43.33	43.21	43.16	43.11	43.71	43.76	43.82	44.11	43.88
29	43.23	43.33	---	43.38	---	43.11	43.09	43.72	43.76	43.83	44.12	43.89
30	43.21	43.30	---	43.26	---	43.13	43.16	43.74	43.79	43.82	44.14	43.92
31	43.24	---	---	43.25	---	43.17	---	43.72	---	43.78	44.16	---
MEAN	43.17	43.25	---	---	43.33	43.16	43.25	43.42	43.83	43.81	44.04	44.12
MAX	43.31	43.34	---	---	43.44	43.24	43.38	43.74	43.92	43.88	44.16	44.24
MIN	42.89	43.16	---	---	43.17	43.05	43.09	43.17	43.71	43.68	43.80	43.88



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

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 543-573, 583-588 ft, depth 590 ft, cased to 588 ft, screened interval from 573 to 583 ft.

INSTRUMENTATION.--Data collection platform--60 minute punch interval.

DATUM.--Land-surface datum is 205 ft above sea level. Measuring point: Opening in casing, 1.21 ft above land-surface datum.

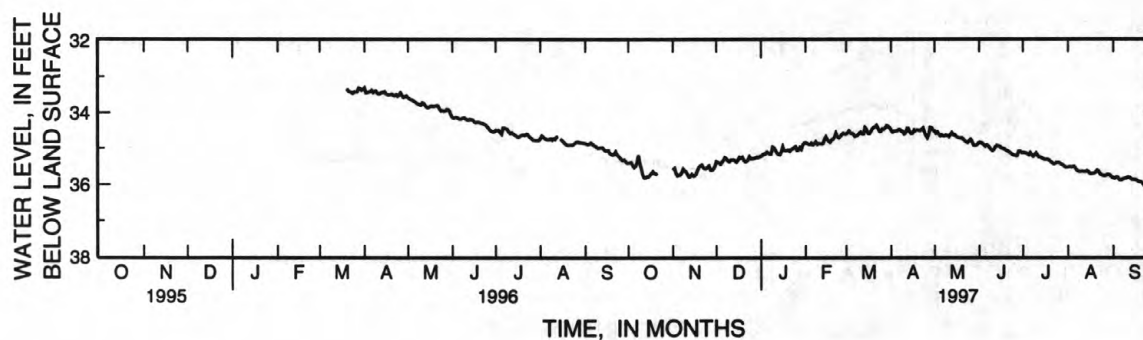
PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to June 1994, October 1995 to September 1996.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.48 ft below land-surface datum, Mar. 26, 1994; lowest, 36.94 ft below land-surface datum, Oct. 8, 1990.

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	35.41	35.59	35.37	35.22	34.84	34.60	34.49	34.51	34.83	35.12	35.53	35.83
2	35.40	35.55	35.39	35.19	34.87	34.57	34.55	34.58	34.84	35.13	35.52	35.84
3	35.39	35.69	35.41	35.16	34.89	34.52	34.53	34.55	34.87	35.14	35.53	35.80
4	35.48	35.76	35.44	35.16	34.90	34.58	34.52	34.61	34.91	35.16	35.52	35.81
5	35.53	35.74	35.38	35.11	34.86	34.58	34.52	34.66	34.95	35.19	35.51	35.88
6	35.50	35.74	35.33	35.14	34.90	34.60	34.49	34.63	34.91	35.13	35.57	35.89
7	35.40	35.68	35.26	35.16	34.88	34.67	34.48	34.66	34.94	35.20	35.62	35.87
8	35.20	35.58	35.29	35.16	34.82	34.66	34.53	34.66	34.99	35.23	35.65	35.85
9	35.41	35.63	35.35	34.97	34.89	34.64	34.53	34.63	35.04	35.19	35.66	35.84
10	35.57	35.65	35.37	34.99	34.87	34.58	34.60	34.65	35.07	35.14	35.65	35.84
11	35.74	35.72	35.33	35.06	34.88	34.55	34.58	34.68	35.04	35.21	35.65	35.80
12	35.82	35.79	35.32	35.14	34.88	34.60	34.45	34.62	34.97	35.25	35.66	35.81
13	35.82	35.78	35.32	35.17	34.87	34.60	34.45	34.57	34.93	35.25	35.66	35.85
14	35.78	35.73	35.35	35.18	34.76	34.42	34.56	34.63	34.94	35.27	35.64	35.87
15	35.79	35.77	35.38	35.11	34.68	34.47	34.59	34.62	34.95	35.30	35.66	35.87
16	35.75	35.76	35.33	34.96	34.76	34.58	34.58	34.68	35.00	35.32	35.71	35.88
17	35.70	35.71	35.25	35.06	34.81	34.59	34.49	34.70	35.01	35.31	35.71	35.89
18	35.65	35.61	35.27	35.07	34.83	34.54	34.51	34.71	35.02	35.31	35.70	35.92
19	35.69	35.52	35.24	35.07	34.77	34.46	34.49	34.72	35.06	35.34	35.70	35.93
20	35.70	35.49	35.33	35.05	34.75	34.42	34.50	34.71	35.07	35.38	35.67	35.93
21	35.74	35.46	35.37	35.09	34.68	34.40	34.51	34.75	35.10	35.41	35.62	35.97
22	---	35.54	35.36	35.04	34.58	34.36	34.48	34.80	35.13	35.44	35.65	36.02
23	---	35.57	35.32	35.02	34.68	34.45	34.44	34.83	35.16	35.43	35.72	35.99
24	---	35.57	35.23	34.99	34.71	34.53	34.55	34.84	35.19	35.40	35.75	35.95
25	---	35.52	35.29	34.96	34.67	34.53	34.65	34.79	35.20	35.40	35.76	35.87
26	---	35.49	35.29	35.06	34.61	34.46	34.71	34.76	35.21	35.41	35.77	35.81
27	---	35.61	35.28	35.05	34.58	34.47	34.61	34.82	35.21	35.44	35.76	35.79
28	---	35.61	35.27	34.98	34.61	34.43	34.42	34.92	35.09	35.46	35.74	35.70
29	---	35.58	35.24	35.03	---	34.37	34.43	34.93	35.09	35.49	35.74	35.74
30	---	35.50	35.26	34.91	---	34.39	34.50	34.92	35.13	35.53	35.76	35.78
31	---	---	35.23	34.86	---	34.43	---	34.87	---	35.53	35.81	---
MEAN	---	35.63	35.32	35.07	34.78	34.52	34.52	34.71	35.03	35.31	35.66	35.86
MAX	---	35.79	35.44	35.22	34.90	34.67	34.71	34.93	35.21	35.53	35.81	36.02
MIN	---	35.46	35.23	34.86	34.58	34.36	34.42	34.51	34.83	35.12	35.51	35.70



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

455

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 910 ft, 4 in from 878 to 914 ft, and 924 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.

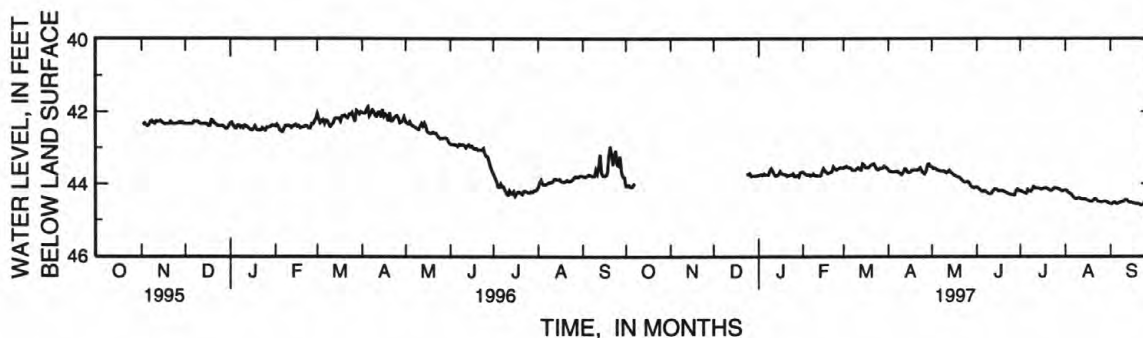
DATUM.--Land-surface datum is 207.63 ft above sea level. Measuring point: Opening in casing, 1.52 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.07	---	---	43.78	43.68	43.57	43.63	43.54	44.10	44.20	44.18	44.56
2	44.07	---	---	43.76	43.72	43.54	43.67	43.59	44.13	44.22	44.20	44.57
3	44.04	---	---	43.75	43.75	43.52	43.67	43.58	44.17	44.24	44.25	44.53
4	44.09	---	---	43.77	43.76	43.56	43.68	43.60	44.20	44.26	44.27	44.52
5	44.10	---	---	43.73	43.75	43.56	43.68	43.64	44.23	44.27	44.29	44.56
6	44.06	---	---	43.76	43.79	43.58	43.67	43.63	44.20	44.17	44.35	44.56
7	44.00	---	---	43.76	43.77	43.63	43.66	43.66	44.22	44.21	44.39	44.53
8	---	---	---	43.76	43.73	43.63	43.70	43.66	44.25	44.22	44.42	44.51
9	---	---	---	43.64	43.78	43.63	43.71	43.65	44.28	44.17	44.42	44.50
10	---	---	---	43.59	43.78	43.59	43.75	43.68	44.29	44.09	44.40	44.50
11	---	---	---	43.66	43.79	43.57	43.71	43.71	44.27	44.12	44.40	44.45
12	---	---	---	43.75	43.79	43.61	43.60	43.67	44.21	44.14	44.43	44.45
13	---	---	---	43.79	43.79	43.62	43.60	43.64	44.16	44.13	44.44	44.49
14	---	---	---	43.78	43.68	43.46	43.68	43.70	44.16	44.14	44.43	44.52
15	---	---	---	43.75	43.59	43.49	43.70	43.71	44.17	44.16	44.43	44.52
16	---	---	---	43.67	43.64	43.55	43.69	43.76	44.21	44.16	44.47	44.54
17	---	---	---	43.73	43.69	43.57	43.63	43.78	44.20	44.14	44.48	44.55
18	---	---	---	43.74	43.72	43.56	43.64	43.81	44.19	44.13	44.49	44.56
19	---	---	---	43.75	43.70	43.52	43.62	43.83	44.21	44.13	44.50	44.57
20	---	---	---	43.75	43.70	43.49	43.63	43.83	44.23	44.16	44.48	44.56
21	---	---	---	43.80	43.66	43.47	43.63	43.87	44.24	44.18	44.43	44.58
22	---	---	---	43.78	43.54	43.46	43.61	43.92	44.27	44.19	44.43	44.61
23	---	---	---	43.77	43.60	43.54	43.57	43.95	44.28	44.18	44.49	44.59
24	---	---	43.75	43.76	43.62	43.61	43.65	43.97	44.30	44.13	44.50	44.55
25	---	---	43.75	43.73	43.60	43.62	43.71	43.95	44.31	44.13	44.50	44.46
26	---	---	43.72	43.81	43.58	43.58	43.74	43.95	44.31	44.14	44.51	44.37
27	---	---	43.80	43.81	43.56	43.59	43.66	44.01	44.32	44.15	44.50	44.33
28	---	---	43.79	43.78	43.58	43.57	43.48	44.08	44.19	44.16	44.49	44.24
29	---	---	43.79	43.82	---	43.52	43.46	44.10	44.16	44.19	44.49	44.25
30	---	---	43.80	43.70	---	43.55	43.53	44.12	44.20	44.21	44.52	44.28
31	---	---	43.78	43.68	---	43.58	---	44.10	---	44.19	44.55	---
MEAN	---	---	---	43.75	43.69	43.56	43.65	43.80	44.22	44.17	44.42	44.49
MAX	---	---	---	43.82	43.79	43.63	43.75	44.12	44.32	44.27	44.55	44.61
MIN	---	---	---	43.59	43.54	43.46	43.46	43.54	44.10	44.09	44.18	44.24



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

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 - 686 ft, 696 - 701 ft, depth 701 ft, screened interval from 686 to 696 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

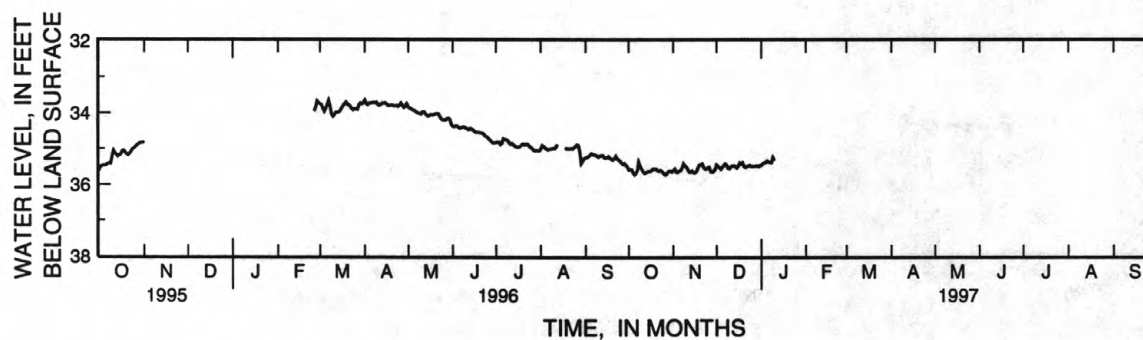
DATUM.--Land-surface datum is 210.05 ft above sea level. Measuring point: Opening in casing, 2.05 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.54 ft below land-surface datum, Apr. 21, 22, 1993; lowest, 37.31 ft below land-surface datum, Oct. 8, 1990.

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	35.59	35.61	35.45	35.45	---	---	---	---	---	---	---	---
2	35.58	35.56	35.49	35.42	---	---	---	---	---	---	---	---
3	35.58	35.65	35.53	35.39	---	---	---	---	---	---	---	---
4	35.67	35.66	35.56	35.39	---	---	---	---	---	---	---	---
5	35.72	35.62	35.51	35.34	---	---	---	---	---	---	---	---
6	35.69	35.61	35.47	35.37	---	---	---	---	---	---	---	---
7	35.59	35.54	35.42	35.38	---	---	---	---	---	---	---	---
8	35.37	35.42	35.45	35.39	---	---	---	---	---	---	---	---
9	35.48	35.47	35.54	35.25	---	---	---	---	---	---	---	---
10	35.55	35.50	35.55	35.33	---	---	---	---	---	---	---	---
11	35.64	35.57	35.50	---	---	---	---	---	---	---	---	---
12	35.68	35.65	35.48	---	---	---	---	---	---	---	---	---
13	35.67	35.66	35.47	---	---	---	---	---	---	---	---	---
14	35.64	35.62	35.50	---	---	---	---	---	---	---	---	---
15	35.63	35.67	35.53	---	---	---	---	---	---	---	---	---
16	35.63	35.67	35.48	---	---	---	---	---	---	---	---	---
17	35.60	35.63	35.40	---	---	---	---	---	---	---	---	---
18	35.55	35.54	35.42	---	---	---	---	---	---	---	---	---
19	35.56	35.45	35.39	---	---	---	---	---	---	---	---	---
20	35.56	35.44	35.49	---	---	---	---	---	---	---	---	---
21	35.61	35.42	35.52	---	---	---	---	---	---	---	---	---
22	35.62	35.51	35.50	---	---	---	---	---	---	---	---	---
23	35.60	35.56	35.48	---	---	---	---	---	---	---	---	---
24	35.63	35.56	35.46	---	---	---	---	---	---	---	---	---
25	35.67	35.52	35.50	---	---	---	---	---	---	---	---	---
26	35.72	35.51	35.50	---	---	---	---	---	---	---	---	---
27	35.73	35.64	35.49	---	---	---	---	---	---	---	---	---
28	35.66	35.65	35.49	---	---	---	---	---	---	---	---	---
29	35.62	35.63	35.48	---	---	---	---	---	---	---	---	---
30	35.62	35.57	35.50	---	---	---	---	---	---	---	---	---
31	35.65	---	35.47	---	---	---	---	---	---	---	---	---
MEAN	35.62	35.57	35.48	---	---	---	---	---	---	---	---	---
MAX	35.73	35.67	35.56	---	---	---	---	---	---	---	---	---
MIN	35.37	35.42	35.39	---	---	---	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

457

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 914 ft, and 924 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.

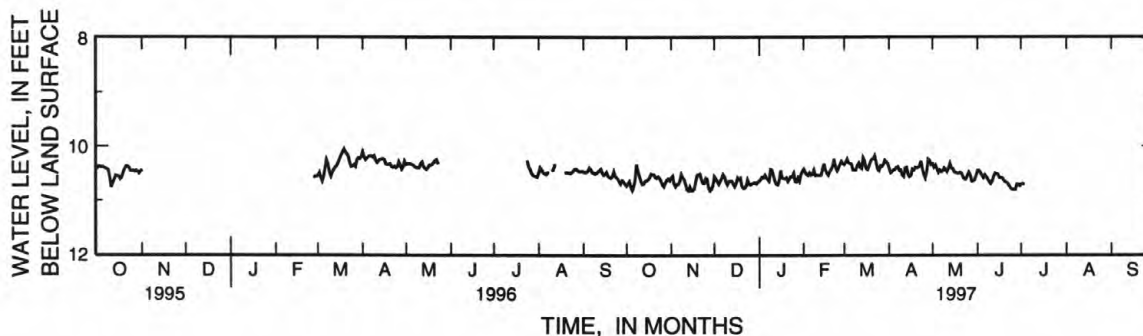
DATUM.--Land-surface datum is 210.04 ft above sea level. Measuring point: Opening in casing, 1.47 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.73	10.58	10.56	10.64	10.42	10.34	10.41	10.32	10.45	10.70	---	---
2	10.69	10.55	10.60	10.61	10.48	10.29	10.49	10.39	10.45	10.69	---	---
3	10.65	10.69	10.65	10.57	10.52	10.24	10.47	10.35	10.49	10.71	---	---
4	10.75	10.74	10.70	10.58	10.54	10.31	10.44	10.41	10.54	---	---	---
5	10.81	10.70	10.65	10.53	10.49	10.32	10.43	10.48	10.58	---	---	---
6	10.75	10.70	10.59	10.58	10.53	10.33	10.39	10.44	10.53	---	---	---
7	10.61	10.65	10.52	10.61	10.52	10.44	10.38	10.47	10.57	---	---	---
8	10.34	10.52	10.56	10.64	10.44	10.44	10.45	10.46	10.61	---	---	---
9	10.46	10.58	10.65	10.43	10.54	10.44	10.44	10.40	10.66	---	---	---
10	10.54	10.61	10.71	10.44	10.53	10.35	10.54	10.43	10.69	---	---	---
11	10.64	10.69	10.65	10.54	10.54	10.31	10.56	10.47	10.65	---	---	---
12	10.70	10.80	10.64	10.65	10.54	10.39	10.40	10.40	10.56	---	---	---
13	10.69	10.82	10.64	10.70	10.53	10.41	10.39	10.32	10.50	---	---	---
14	10.64	10.75	10.69	10.71	10.41	10.21	10.52	10.41	10.51	---	---	---
15	10.63	10.82	10.74	10.64	10.32	10.27	10.56	10.41	10.52	---	---	---
16	10.61	10.82	10.69	10.45	10.44	10.41	10.54	10.48	10.58	---	---	---
17	10.58	10.78	10.58	10.58	10.50	10.43	10.42	10.48	10.58	---	---	---
18	10.51	10.66	10.61	10.60	10.53	10.38	10.44	10.50	10.59	---	---	---
19	10.52	10.53	10.59	10.60	10.46	10.29	10.39	10.50	10.63	---	---	---
20	10.52	10.52	10.73	10.58	10.43	10.24	10.40	10.48	10.66	---	---	---
21	10.57	10.51	10.77	10.65	10.36	10.23	10.40	10.50	10.67	---	---	---
22	10.59	10.61	10.77	10.61	10.24	10.18	10.36	10.57	10.70	---	---	---
23	10.56	10.68	10.73	10.56	10.39	10.30	10.28	10.61	10.74	---	---	---
24	10.59	10.68	10.62	10.56	10.45	10.42	10.41	10.61	10.78	---	---	---
25	10.64	10.59	10.69	10.50	10.40	10.45	10.53	10.53	10.80	---	---	---
26	10.71	10.60	10.71	10.65	10.33	10.36	10.59	10.48	10.80	---	---	---
27	10.74	10.77	10.69	10.66	10.28	10.37	10.47	10.54	10.80	---	---	---
28	10.67	10.82	10.68	10.58	10.32	10.33	10.24	10.65	10.70	---	---	---
29	10.62	10.79	10.67	10.64	---	10.26	10.26	10.64	10.70	---	---	---
30	10.60	10.72	10.69	10.52	---	10.29	10.34	10.62	10.73	---	---	---
31	10.63	---	10.66	10.46	---	10.32	---	10.54	---	---	---	---
MEAN	10.62	10.68	10.66	10.58	10.45	10.33	10.43	10.48	10.63	---	---	---
MAX	10.81	10.82	10.77	10.71	10.54	10.45	10.59	10.65	10.80	---	---	---
MIN	10.34	10.51	10.52	10.43	10.24	10.18	10.24	10.32	10.45	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

WELL NUMBER.--331914081242801. Local number, BW-358.

LOCATION.--Lat 33°19'16", long 81°24'24", Hydrologic Unit 03050207, on loggin 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 800 to 831, 841-847 ft, depth 847 ft, cased to 847 ft, screened interval 831-841 ft.

INSTRUMENTATION.--Data collection platform--60 minute punch interval.

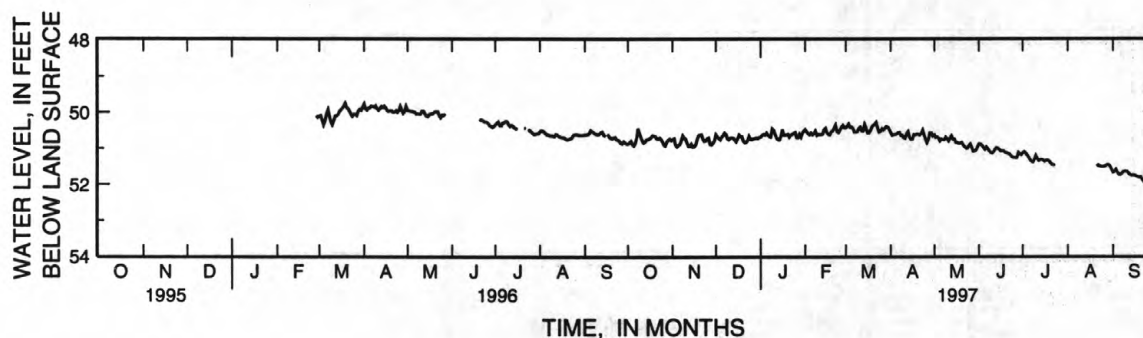
DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.45 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50.88	50.75	50.62	50.69	50.48	50.43	50.56	50.63	50.88	51.13	---	51.67
2	50.84	50.73	50.68	50.64	50.54	50.38	50.64	50.70	50.89	51.10	---	51.65
3	50.80	50.90	50.72	50.61	50.59	50.33	50.62	50.68	50.92	51.13	---	51.59
4	50.89	50.95	50.76	50.63	50.62	50.42	50.61	50.72	50.98	51.19	---	51.66
5	50.92	50.91	50.69	50.57	50.57	50.41	50.61	50.80	51.03	51.25	---	51.73
6	50.86	50.89	50.64	50.63	50.62	50.45	50.57	50.75	50.97	51.31	---	51.74
7	50.70	50.79	50.57	50.67	50.59	50.55	50.56	50.77	51.02	51.36	---	51.70
8	50.45	50.65	50.61	50.69	50.52	50.55	50.65	50.77	51.08	51.38	---	51.65
9	50.58	50.71	50.73	50.46	50.64	50.54	50.64	50.70	51.12	51.31	---	51.64
10	50.68	50.74	50.76	50.49	50.61	50.45	50.72	50.75	51.13	51.21	---	51.63
11	50.79	50.84	50.71	50.61	50.62	50.41	50.73	50.80	51.10	51.29	---	51.65
12	50.84	50.94	50.71	50.72	50.61	50.51	50.58	50.72	51.03	51.34	---	51.71
13	50.81	50.94	50.71	50.76	50.60	50.52	50.54	50.66	50.99	51.31	---	51.74
14	50.76	50.88	50.77	50.77	50.48	50.34	50.70	50.76	51.01	51.31	---	51.76
15	50.75	50.96	50.81	50.67	50.45	50.44	50.76	50.75	51.04	51.33	---	51.74
16	50.73	50.95	50.74	50.48	50.56	50.57	50.75	50.84	51.08	51.36	---	51.76
17	50.70	50.90	50.63	50.63	50.61	50.57	50.62	50.85	51.07	51.33	---	51.77
18	50.64	50.76	50.67	50.64	50.62	50.51	50.63	50.87	51.08	51.33	---	51.79
19	50.65	50.64	50.67	50.62	50.54	50.41	50.60	50.87	51.12	51.35	---	51.80
20	50.66	50.63	50.80	50.61	50.52	50.36	50.61	50.85	51.13	51.41	---	51.79
21	50.73	50.62	50.84	50.69	50.43	50.34	50.63	50.90	51.14	51.45	51.50	51.86
22	50.74	50.74	50.83	50.63	50.36	50.29	50.59	50.96	51.17	51.46	51.46	51.92
23	50.71	50.80	50.78	50.61	50.54	50.43	50.50	51.00	51.21	51.45	51.50	51.87
24	50.75	50.79	50.67	50.58	50.56	50.55	50.62	51.00	51.25	---	51.51	---
25	50.81	50.73	50.76	50.56	50.49	50.53	50.77	50.93	51.26	---	51.51	---
26	50.90	50.71	50.76	50.71	50.41	50.46	50.85	50.89	51.26	---	51.51	---
27	50.92	50.89	50.73	50.71	50.37	50.49	50.76	50.98	51.26	---	51.49	---
28	50.82	50.90	50.73	50.61	50.43	50.45	50.57	51.09	51.12	---	51.45	---
29	50.77	50.86	50.71	50.69	---	50.40	50.57	51.08	51.15	---	51.45	---
30	50.74	50.78	50.73	50.58	---	50.42	50.66	51.05	51.18	---	51.49	---
31	50.78	---	50.69	50.52	---	50.47	---	50.96	---	---	51.58	---
MEAN	50.76	50.81	50.72	50.63	50.53	50.45	50.64	50.84	51.09	---	---	---
MAX	50.92	50.96	50.84	50.77	50.64	50.57	50.85	51.09	51.26	---	---	---
MIN	50.45	50.62	50.57	50.46	50.36	50.29	50.50	50.63	50.88	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

459

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 169-199, 209-214 ft, depth 214 ft, cased to 214 ft, screened interval 199-209 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

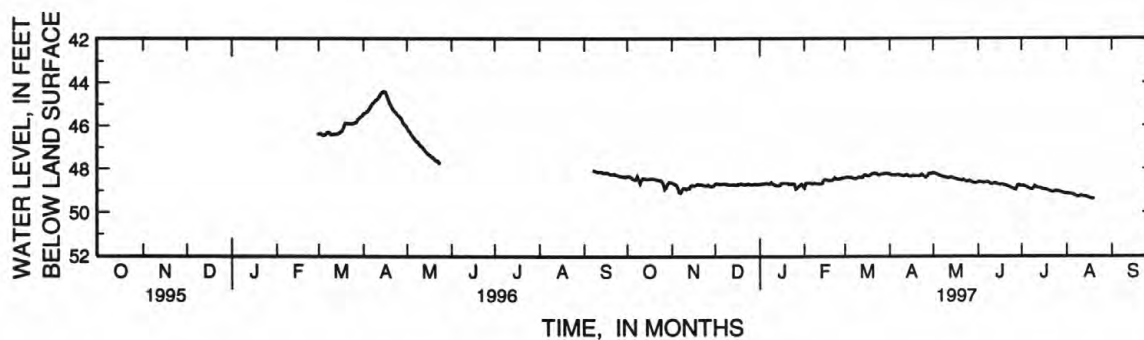
DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.34 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48.34	48.64	48.70	48.72	48.87	48.42	48.26	48.19	48.61	48.79	49.13	---
2	48.35	48.66	48.67	48.70	48.66	48.40	48.29	48.22	48.60	48.78	49.14	---
3	48.37	48.73	48.69	48.69	48.66	48.39	48.29	48.24	48.61	48.80	49.16	---
4	48.42	48.74	48.71	48.69	48.67	48.41	48.29	48.26	48.63	48.83	49.16	---
5	48.47	48.85	48.71	48.66	48.66	48.41	48.29	48.31	48.65	48.87	49.16	---
6	48.50	49.08	48.69	48.67	48.68	48.42	48.28	48.32	48.62	48.90	49.20	---
7	48.49	49.11	48.69	48.68	48.68	48.45	48.27	48.35	48.60	48.93	49.24	---
8	48.35	48.97	48.69	48.69	48.66	48.45	48.30	48.38	48.62	48.94	49.26	---
9	48.53	48.90	48.70	48.63	48.68	48.45	48.30	48.37	48.67	48.90	49.28	---
10	48.67	48.90	48.74	48.70	48.69	48.41	48.34	48.39	48.70	48.80	49.26	---
11	48.48	48.95	48.73	48.73	48.68	48.38	48.34	48.44	48.70	48.84	49.23	---
12	48.44	48.90	48.73	48.77	48.69	48.41	48.29	48.43	48.66	48.87	49.25	---
13	48.46	48.91	48.73	48.78	48.68	48.41	48.28	48.38	48.65	48.89	49.26	---
14	48.46	48.78	48.74	48.78	48.59	48.30	48.34	48.42	48.70	48.89	49.26	---
15	48.46	48.76	48.76	48.77	48.49	48.28	48.36	48.44	48.71	48.92	49.29	---
16	48.47	48.77	48.75	48.66	48.51	48.33	48.36	48.47	48.73	48.94	49.32	---
17	48.46	48.77	48.71	48.66	48.52	48.33	48.32	48.47	48.71	48.95	49.35	---
18	48.45	48.74	48.72	48.66	48.54	48.31	48.33	48.50	48.72	48.96	49.37	---
19	48.46	48.71	48.68	48.67	48.53	48.27	48.33	48.51	48.75	48.99	49.38	---
20	48.47	48.75	48.72	48.66	48.52	48.23	48.33	48.52	48.77	49.02	49.40	---
21	48.49	48.72	48.73	48.70	48.51	48.22	48.34	48.53	48.79	49.04	---	---
22	48.51	48.74	48.73	48.71	48.42	48.20	48.33	48.50	48.82	49.06	---	---
23	48.52	48.77	48.72	48.69	48.47	48.24	48.27	48.56	48.85	49.07	---	---
24	48.53	48.78	48.69	48.69	48.48	48.28	48.31	48.59	48.88	49.02	---	---
25	48.57	48.77	48.72	48.70	48.47	48.29	48.36	48.59	48.91	49.02	---	---
26	48.69	48.74	48.74	48.93	48.45	48.25	48.40	48.54	48.93	49.04	---	---
27	48.93	48.79	48.73	48.88	48.43	48.25	48.34	48.59	48.96	49.05	---	---
28	48.86	48.81	48.72	48.81	48.44	48.24	48.23	48.64	48.77	49.06	---	---
29	48.70	48.80	48.71	48.77	---	48.21	48.22	48.65	48.75	49.09	---	---
30	48.62	48.78	48.73	48.71	---	48.22	48.23	48.66	48.78	49.12	---	---
31	48.62	---	48.72	48.80	---	48.23	---	48.64	---	49.14	---	---
MEAN	48.52	48.81	48.72	48.72	48.58	48.33	48.31	48.45	48.73	48.95	---	---
MAX	48.93	49.11	48.76	48.93	48.87	48.45	48.40	48.66	48.96	49.14	---	---
MIN	48.34	48.64	48.67	48.63	48.42	48.20	48.22	48.19	48.60	48.78	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

WELL NUMBER.--331915081242801. Local number, BW-360.

LOCATION.--Lat 33°19'16", long 81°24'24", Hydrologic Unit 03050207, on loggin 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 92-125, 134-140, 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.

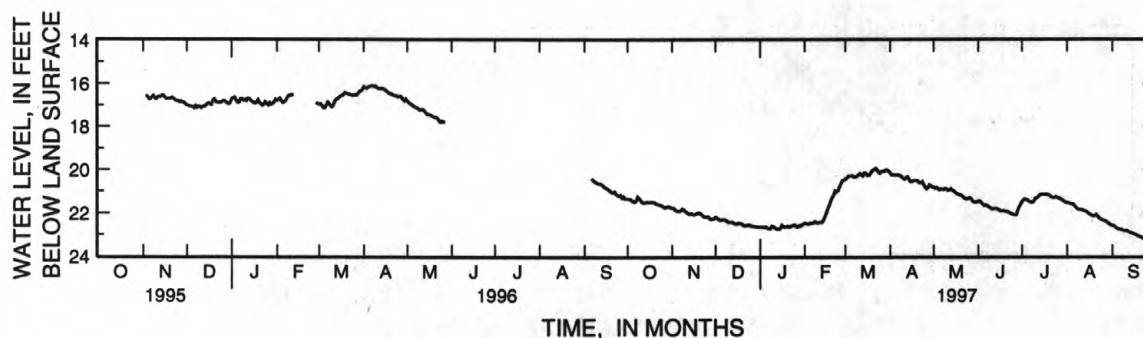
PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.35	21.77	22.19	22.64	22.46	20.44	20.15	20.81	21.44	21.47	21.53	22.58
2	21.36	21.77	22.22	22.64	22.47	20.39	20.24	20.86	21.46	21.38	21.54	22.58
3	21.37	21.86	22.28	22.64	22.49	20.30	20.24	20.84	21.53	21.37	21.56	22.64
4	21.43	21.90	22.31	22.66	22.49	20.30	20.24	20.88	21.59	21.38	21.58	22.69
5	21.46	21.90	22.31	22.63	22.45	20.30	20.25	20.93	21.65	21.42	21.59	22.72
6	21.48	21.91	22.29	22.68	22.46	20.28	20.24	20.89	21.62	21.46	21.67	22.75
7	21.43	21.89	22.29	22.71	22.44	20.34	20.24	20.91	21.67	21.50	21.75	22.75
8	21.25	21.80	22.32	22.72	22.39	20.33	20.30	20.92	21.72	21.51	21.81	22.79
9	21.34	21.85	22.37	22.60	22.43	20.31	20.33	20.88	21.76	21.45	21.84	22.81
10	21.39	21.92	22.43	22.61	22.44	20.24	20.41	20.91	21.80	21.33	21.83	22.83
11	21.50	21.95	22.41	22.67	22.43	20.18	20.44	20.96	21.81	21.30	21.84	22.81
12	21.52	22.03	22.42	22.72	22.42	20.23	20.35	20.93	21.79	21.25	21.89	22.85
13	21.52	22.05	22.43	22.74	22.41	20.28	20.33	20.89	21.79	21.17	21.91	22.89
14	21.50	22.02	22.47	22.74	22.30	20.14	20.46	20.96	21.81	21.14	21.92	22.92
15	21.50	22.06	22.50	22.70	22.14	20.14	20.55	21.00	21.85	21.14	21.97	22.94
16	21.51	22.07	22.49	22.55	21.98	20.26	20.56	21.06	21.91	21.15	22.03	22.97
17	21.50	22.06	22.46	22.61	21.77	20.27	20.51	21.10	21.91	21.14	22.08	23.00
18	21.49	22.02	22.48	22.64	21.63	20.21	20.51	21.14	21.89	21.14	22.11	23.04
19	21.51	21.99	22.47	22.63	21.42	20.09	20.51	21.16	21.92	21.16	22.15	23.07
20	21.53	22.01	22.55	22.60	21.29	20.02	20.52	21.18	21.94	21.20	22.13	23.09
21	21.57	22.05	22.58	22.64	21.16	20.00	20.60	21.23	21.95	21.26	22.08	23.13
22	21.60	22.11	22.57	22.62	20.99	19.95	20.60	21.30	21.98	21.28	22.14	23.18
23	21.61	22.16	22.57	22.58	21.02	20.00	20.56	21.34	22.01	21.29	22.23	23.19
24	21.63	22.18	22.53	22.57	20.96	20.12	20.68	21.36	22.06	21.25	22.28	23.18
25	21.67	22.17	22.57	22.54	20.79	20.16	20.81	21.32	22.07	21.28	22.31	23.11
26	21.72	22.17	22.60	22.61	20.64	20.08	20.89	21.30	22.09	21.31	22.34	23.07
27	21.75	22.26	22.60	22.63	20.51	20.07	20.84	21.36	22.09	21.34	22.35	23.10
28	21.72	22.28	22.62	22.57	20.49	20.06	20.71	21.46	21.87	21.38	22.40	22.89
29	21.70	22.27	22.62	22.60	---	20.01	20.74	21.50	21.71	21.42	22.45	22.70
30	21.71	22.26	22.63	22.53	---	20.03	20.81	21.50	21.58	21.47	22.49	22.59
31	21.75	---	22.63	22.50	---	20.07	---	21.48	---	21.51	22.53	---
MEAN	21.53	22.02	22.46	22.63	21.82	20.18	20.49	21.11	21.81	21.32	22.01	22.90
MAX	21.75	22.28	22.63	22.74	22.49	20.44	20.89	21.50	22.09	21.51	22.53	23.19
MIN	21.25	21.77	22.19	22.50	20.49	19.95	20.15	20.81	21.44	21.14	21.53	22.58



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

461

WELL NUMBER.--331903081242702. Local number, BW-365.

LOCATION.--Lat 33°19'16", long 81°24'24", Hydrologic Unit 03050207, on loggin 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.

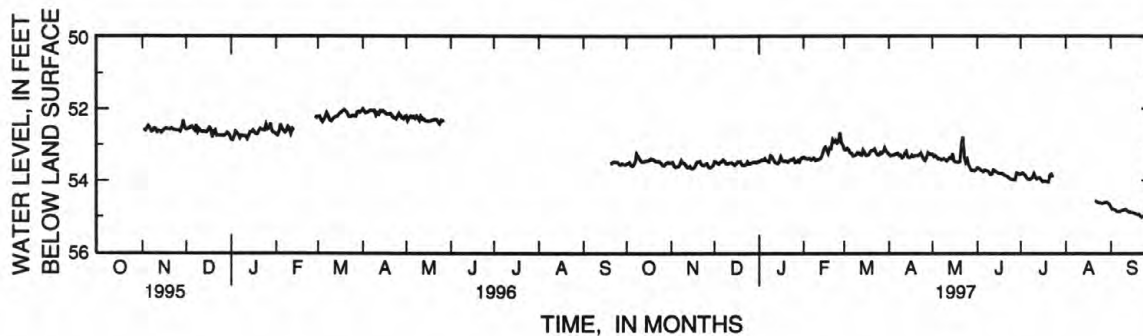
DATUM.--Land-surface datum is 263.52 ft above sea level. Measuring point: Opening in casing, 2.41 ft above land-surface datum.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.54	53.52	53.47	53.48	53.35	53.14	53.28	53.27	53.65	53.83	---	54.74
2	53.52	53.50	53.49	53.45	53.38	53.15	53.32	53.34	53.66	53.79	---	54.80
3	53.50	53.60	53.51	53.43	53.40	53.11	53.30	53.31	53.70	53.83	---	54.80
4	53.57	53.63	53.54	53.44	53.41	53.15	53.30	53.35	53.73	53.86	---	54.82
5	53.60	53.61	53.50	53.40	53.39	53.23	53.28	53.41	53.76	53.94	---	54.86
6	53.56	53.61	53.47	53.44	53.43	53.24	53.26	53.40	53.71	53.97	---	54.87
7	53.48	53.56	53.43	53.46	53.41	53.32	53.25	53.43	53.73	53.98	---	54.87
8	53.27	53.45	53.46	53.48	53.38	53.31	53.31	53.42	53.74	53.95	---	54.84
9	53.34	53.51	53.53	53.32	53.44	53.30	53.30	53.40	53.77	53.91	---	54.83
10	53.40	53.52	53.54	53.34	53.42	53.23	53.37	53.43	53.84	53.82	---	54.82
11	53.46	53.57	53.52	53.42	53.43	53.23	53.35	53.46	53.83	53.92	---	54.80
12	53.49	53.64	53.51	53.49	53.41	53.29	53.24	53.41	53.73	53.96	---	54.84
13	53.48	53.64	53.51	53.52	53.37	53.30	53.20	53.37	53.74	53.94	---	54.87
14	53.45	53.61	53.54	53.53	53.27	53.16	53.35	53.39	53.76	53.93	---	54.89
15	53.45	53.67	53.57	53.48	---	53.22	53.36	53.26	53.78	53.99	---	54.89
16	53.45	53.67	53.54	53.35	---	53.31	53.35	53.46	53.81	54.03	---	54.90
17	53.43	53.64	53.48	53.44	---	53.31	53.30	53.48	53.81	54.02	---	54.91
18	53.40	53.56	53.49	53.46	---	53.28	53.34	53.49	53.80	54.02	---	54.93
19	53.42	53.49	53.47	53.45	---	53.20	53.31	53.50	53.84	54.04	---	54.95
20	53.43	53.49	53.56	53.45	---	53.17	53.31	53.47	53.86	54.05	---	54.94
21	53.46	53.47	53.58	53.49	---	53.17	53.32	53.22	53.88	53.86	54.58	54.98
22	53.47	53.55	53.57	53.45	---	53.13	53.29	---	53.90	53.83	54.58	55.03
23	53.46	53.58	53.55	53.43	---	53.23	53.24	53.41	53.94	53.91	54.62	55.01
24	53.49	53.58	53.48	53.42	---	53.29	53.33	53.50	53.97	---	54.62	54.98
25	53.52	53.54	53.54	53.40	---	53.30	53.42	53.45	53.97	---	54.63	54.85
26	53.57	53.53	53.53	53.50	---	53.22	53.45	53.57	53.99	---	54.64	54.78
27	53.59	53.64	53.51	53.49	---	53.25	53.36	53.66	53.99	---	54.63	54.77
28	53.54	53.65	53.50	53.44	---	53.20	53.23	53.73	53.79	---	54.61	54.62
29	53.51	53.62	53.49	53.48	---	53.13	53.26	53.72	53.81	---	54.61	54.67
30	53.50	53.58	53.51	53.40	---	53.20	53.28	53.74	53.84	---	54.63	54.72
31	53.52	---	53.48	53.37	---	53.23	---	53.70	---	---	54.66	---
MEAN	53.48	53.57	53.51	53.44	---	53.23	53.31	---	53.81	---	---	54.85
MAX	53.60	53.67	53.58	53.53	---	53.32	53.45	---	53.99	---	---	55.03
MIN	53.27	53.45	53.43	53.32	---	53.11	53.20	---	53.65	---	---	54.62



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

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 punch interval.

DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Opening in casing, 2.32 ft above land-surface datum.

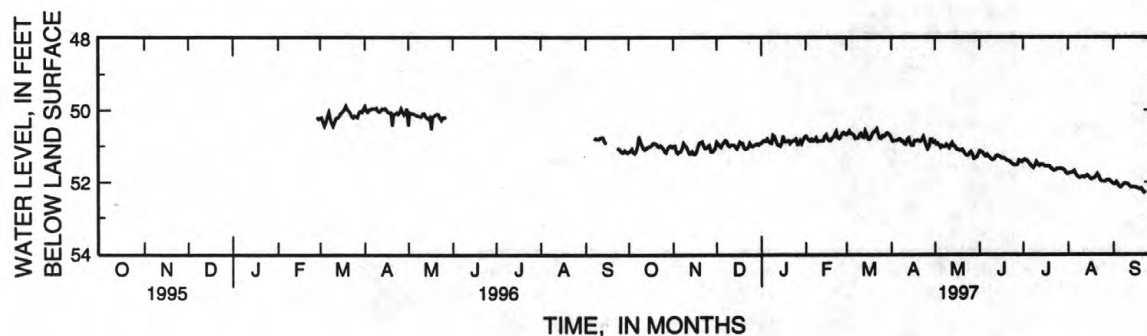
PERIOD OF RECORD.--May 1993 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.16	51.00	50.89	50.91	50.72	50.68	50.79	50.87	51.14	51.40	51.76	52.05
2	51.12	50.99	50.94	50.87	50.78	50.63	50.87	50.95	51.15	51.37	51.75	52.06
3	51.08	51.15	50.99	50.84	50.83	50.58	50.85	50.92	51.18	51.39	51.75	52.00
4	51.17	51.20	51.03	50.87	50.86	50.66	50.84	50.97	51.24	51.42	51.71	52.06
5	51.20	51.16	50.95	50.80	50.81	50.66	50.84	51.04	51.28	51.48	51.69	52.13
6	51.14	51.15	50.90	50.86	50.86	50.69	50.81	50.99	51.23	51.53	51.78	52.15
7	50.99	51.06	50.84	50.91	50.83	50.79	50.80	51.02	51.28	51.58	51.83	52.10
8	50.73	50.92	50.87	50.92	50.77	50.78	50.87	51.02	51.33	51.60	51.88	52.06
9	50.86	50.98	50.98	50.70	50.87	50.78	50.86	50.96	51.37	51.53	51.88	52.03
10	50.96	51.02	51.01	50.73	50.85	50.69	50.94	51.00	51.38	51.44	51.86	52.04
11	51.06	51.11	50.97	50.84	50.86	50.65	50.95	51.05	51.36	51.51	51.85	52.06
12	51.10	51.21	50.97	50.95	50.85	50.74	50.81	50.97	51.29	51.55	51.87	52.11
13	51.08	51.21	50.97	50.99	50.85	50.76	50.78	50.91	51.26	51.52	51.84	52.15
14	51.03	51.15	51.02	51.00	50.73	50.58	50.93	51.01	51.27	51.51	51.81	52.15
15	51.02	51.22	51.07	50.91	50.69	50.68	50.98	51.00	51.30	51.54	51.84	52.14
16	51.01	51.22	51.00	50.72	50.79	50.80	50.98	51.09	51.34	51.56	51.90	52.15
17	50.97	51.16	50.89	50.87	50.84	50.81	50.85	51.10	51.33	51.56	51.92	52.16
18	50.91	51.03	50.92	50.88	50.85	50.75	50.86	51.12	51.34	51.56	51.90	52.19
19	50.92	50.91	50.92	50.86	50.78	50.65	50.83	51.12	51.38	51.56	51.89	52.20
20	50.94	50.90	51.05	50.85	50.76	50.60	50.85	51.10	51.40	51.62	51.84	52.18
21	51.00	50.88	51.09	50.93	50.67	50.58	50.87	51.15	51.42	51.65	51.78	52.24
22	51.02	51.00	51.07	50.88	50.60	50.53	50.82	51.22	51.44	51.68	51.84	52.30
23	50.98	51.06	51.02	50.85	50.77	50.67	50.74	51.26	51.48	51.67	51.95	52.26
24	51.02	51.05	50.92	50.83	50.79	50.78	50.86	51.26	51.51	51.64	51.98	---
25	51.07	51.00	51.00	50.80	50.73	50.79	51.00	51.19	51.53	51.63	51.98	---
26	51.15	50.98	51.01	50.95	50.65	50.71	51.08	51.16	51.53	51.63	51.99	---
27	51.18	51.15	50.98	50.94	50.62	50.73	51.00	51.23	51.52	51.63	51.97	---
28	51.07	51.16	50.96	50.85	50.67	50.69	50.81	51.35	51.40	51.65	51.94	---
29	51.02	51.12	50.94	50.93	---	50.64	50.81	51.33	51.42	51.66	51.95	---
30	50.99	51.05	50.97	50.82	---	50.66	50.90	51.31	51.44	51.72	51.98	---
31	51.03	---	50.93	50.75	---	50.70	---	51.22	---	51.77	52.02	---
MEAN	51.03	51.07	50.97	50.86	50.77	50.69	50.87	51.09	51.35	51.57	51.87	---
MAX	51.20	51.22	51.09	51.00	50.87	50.81	51.08	51.35	51.53	51.77	52.02	---
MIN	50.73	50.88	50.84	50.70	50.60	50.53	50.74	50.87	51.14	51.37	51.69	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

463

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.

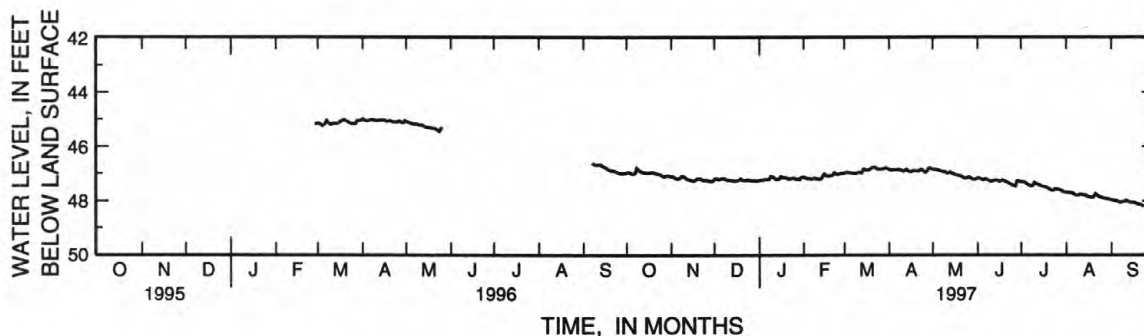
DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Opening in casing, 1.94 ft above land-surface datum.

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, 48.20 ft below land-surface datum, Sept. 23, 1997.

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	46.96	47.11	47.20	47.25	47.13	46.98	46.85	46.83	47.17	47.31	47.68	47.97
2	46.96	47.10	47.18	47.24	47.16	46.97	46.88	46.86	47.18	47.30	47.69	47.98
3	46.96	47.15	47.20	47.24	47.18	46.95	46.87	46.86	47.20	47.32	47.71	47.98
4	47.00	47.18	47.22	47.24	47.19	46.98	46.87	46.86	47.22	47.34	47.70	47.99
5	47.02	47.19	47.20	47.21	47.18	46.97	46.87	46.89	47.24	47.39	47.71	48.02
6	47.02	47.19	47.19	47.22	47.20	46.98	46.86	46.89	47.20	47.42	47.75	48.03
7	46.98	47.18	47.18	47.22	47.20	47.00	46.85	46.92	47.21	47.45	47.78	48.06
8	46.80	47.10	47.19	47.21	47.17	47.00	46.88	46.94	47.24	47.47	47.80	48.04
9	46.85	47.10	47.22	47.10	47.20	47.00	46.88	46.93	47.26	47.44	47.81	48.03
10	46.89	47.13	47.24	47.11	47.19	46.97	46.91	46.96	47.29	47.33	47.78	48.02
11	46.93	47.16	47.24	47.15	47.20	46.95	46.92	47.00	47.28	47.36	47.76	47.99
12	46.95	47.21	47.25	47.19	47.21	46.97	46.87	46.98	47.26	47.40	47.78	48.02
13	46.96	47.23	47.25	47.21	47.19	46.97	46.85	46.95	47.25	47.41	47.79	48.03
14	46.96	47.23	47.26	47.21	47.10	46.85	46.92	46.99	47.25	47.44	47.79	48.06
15	46.97	47.26	47.28	47.20	47.02	46.85	46.93	47.00	47.26	47.47	47.82	48.06
16	46.98	47.27	47.26	47.11	47.06	46.88	46.94	47.04	47.29	47.48	47.85	48.06
17	46.97	47.26	47.24	47.14	47.09	46.88	46.91	47.05	47.27	47.48	47.87	48.07
18	46.95	47.23	47.24	47.15	47.10	46.87	46.91	47.07	47.24	47.50	47.88	48.09
19	46.96	47.19	47.19	47.15	47.08	46.83	46.90	47.08	47.26	47.53	47.89	48.12
20	46.97	47.19	47.23	47.16	47.08	46.79	46.91	47.08	47.29	47.57	47.84	48.12
21	47.00	47.19	47.25	47.20	47.06	46.78	46.92	47.11	47.32	47.60	47.75	48.14
22	47.02	47.22	47.25	47.19	46.98	46.77	46.90	47.14	47.34	47.63	47.79	48.18
23	47.02	47.24	47.25	47.19	47.02	46.81	46.85	47.17	47.37	47.63	47.83	48.20
24	47.03	47.25	47.23	47.18	47.04	46.84	46.88	47.18	47.40	47.57	47.86	---
25	47.06	47.24	47.25	47.16	47.03	46.85	46.93	47.15	47.43	47.57	47.88	---
26	47.09	47.24	47.25	47.20	47.00	46.83	46.96	47.13	47.45	47.59	47.90	---
27	47.11	47.28	47.26	47.22	47.00	46.83	46.92	47.16	47.47	47.60	47.91	---
28	47.09	47.29	47.26	47.19	47.00	46.83	46.82	47.20	47.27	47.62	47.92	---
29	47.08	47.28	47.26	47.22	---	46.80	46.80	47.21	47.27	47.64	47.93	---
30	47.08	47.27	47.27	47.15	---	46.81	46.83	47.22	47.30	47.68	47.94	---
31	47.10	---	47.26	47.13	---	46.83	---	47.20	---	47.69	47.95	---
MEAN	46.99	47.21	47.23	47.19	47.11	46.89	46.89	47.03	47.28	47.49	47.82	---
MAX	47.11	47.29	47.28	47.25	47.21	47.00	46.96	47.22	47.47	47.69	47.95	---
MIN	46.80	47.10	47.18	47.10	46.98	46.77	46.80	46.83	47.17	47.30	47.68	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BARNWELL COUNTY

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.

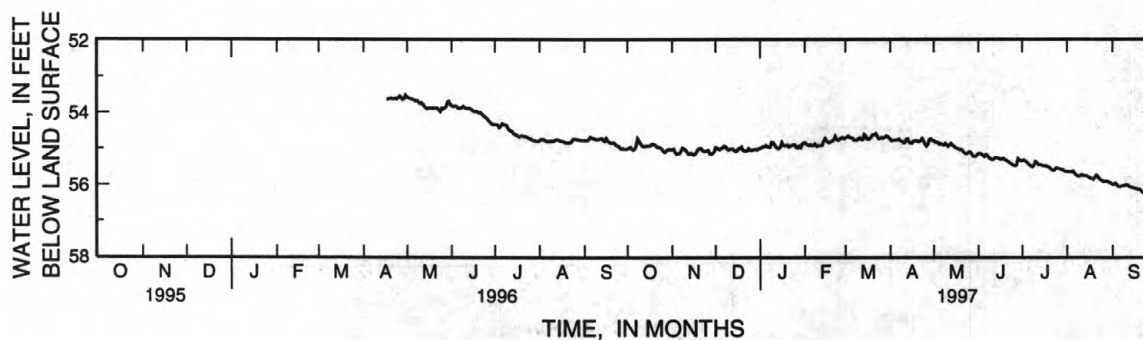
PERIOD OF RECORD.--May 1993 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55.01	55.03	54.98	55.00	54.84	54.71	54.75	54.79	55.14	55.35	55.65	56.00
2	54.99	55.02	54.99	54.98	54.88	54.69	54.79	54.83	55.14	55.33	55.65	56.00
3	54.97	55.11	55.02	54.96	54.91	54.66	54.78	54.82	55.17	55.35	55.66	55.97
4	55.02	55.15	55.04	54.96	54.93	54.70	54.78	54.84	55.20	55.38	55.66	56.01
5	55.04	55.14	55.00	54.92	54.90	54.71	54.78	54.89	55.23	55.43	55.64	56.06
6	55.02	55.14	54.98	54.95	54.93	54.72	54.77	54.87	55.18	55.46	55.70	56.07
7	54.93	55.09	54.94	54.97	54.92	54.78	54.75	54.90	55.21	55.50	55.74	56.05
8	54.73	54.99	54.96	54.97	54.88	54.78	54.80	54.91	55.26	55.52	55.77	56.04
9	54.80	55.01	55.02	54.83	54.94	54.78	54.80	54.87	55.29	55.47	55.78	56.04
10	54.86	55.04	55.04	54.84	54.92	54.73	54.85	54.91	55.32	55.37	55.76	56.01
11	54.92	55.09	55.02	54.90	54.93	54.71	54.84	54.95	55.31	55.40	55.74	56.01
12	54.95	55.15	55.02	54.97	54.92	54.76	54.76	54.90	55.27	55.45	55.76	56.04
13	54.95	55.16	55.02	55.00	54.91	54.76	54.74	54.87	55.26	55.45	55.76	56.07
14	54.93	55.13	55.06	55.01	54.80	54.62	54.83	54.93	55.27	55.46	55.76	56.08
15	54.93	55.17	55.09	54.97	54.73	54.66	54.86	54.94	55.28	55.48	55.78	56.09
16	54.93	55.18	55.06	54.84	54.79	54.74	54.86	54.99	55.31	55.49	55.81	56.11
17	54.92	55.15	55.00	54.91	54.83	54.75	54.80	55.00	55.30	55.49	55.84	56.11
18	54.88	55.09	55.01	54.93	54.84	54.72	54.80	55.02	55.28	55.51	55.84	56.13
19	54.89	55.02	54.97	54.92	54.81	54.67	54.79	55.04	55.32	55.52	55.86	56.15
20	54.90	55.01	55.05	54.91	54.80	54.63	54.80	55.03	55.34	55.55	55.80	56.15
21	54.94	55.00	55.08	54.96	54.75	54.62	54.82	55.07	55.36	55.59	55.75	56.19
22	54.98	55.06	55.08	54.93	54.67	54.59	54.79	55.12	55.39	55.61	55.78	56.23
23	54.97	55.09	55.07	54.92	54.76	54.66	54.73	55.15	55.42	55.61	55.85	56.21
24	54.99	55.09	55.01	54.90	54.78	54.73	54.79	55.15	55.45	55.55	55.88	---
25	55.03	55.07	55.05	54.90	54.75	54.72	54.89	55.11	55.47	55.55	55.90	---
26	55.09	55.06	55.06	54.98	54.71	54.70	54.94	55.10	55.48	55.56	55.92	---
27	55.11	55.15	55.04	54.99	54.70	54.72	54.89	55.14	55.47	55.58	55.92	---
28	55.06	55.16	55.04	54.94	54.73	54.70	54.76	55.22	55.29	55.59	55.91	---
29	55.04	55.14	55.03	54.98	---	54.66	54.74	55.22	55.32	55.60	55.93	---
30	55.02	55.10	55.04	54.89	---	54.67	54.79	55.22	55.35	55.64	55.95	---
31	55.04	---	55.01	54.86	---	54.70	---	55.18	---	55.65	55.96	---
MEAN	54.96	55.09	55.03	54.94	54.83	54.70	54.80	55.00	55.30	55.50	55.80	---
MAX	55.11	55.18	55.09	55.01	54.94	54.78	54.94	55.22	55.48	55.65	55.96	---
MIN	54.73	54.99	54.94	54.83	54.67	54.59	54.73	54.79	55.14	55.33	55.64	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BEAUFORT COUNTY

465

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: U.S. Geological Survey.

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 punch interval.

DATUM.--Land-surface datum is 13.80 ft above sea level. Measuring point: Top of casing, 1.8 ft above land-surface datum.

REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

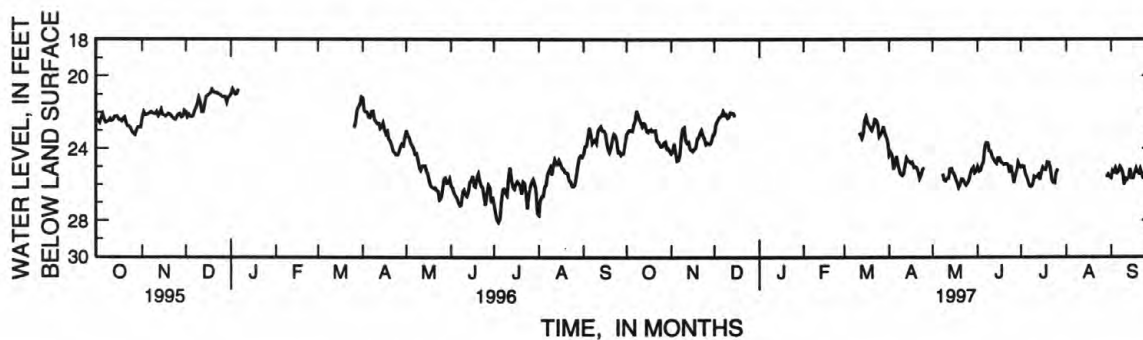
PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 30.42 ft below land-surface datum, July 11, 12, 1990.

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	23.19	24.27	23.19	---	---	---	24.38	---	25.02	25.05	---	25.64
2	23.10	24.14	22.64	---	---	---	24.23	---	25.26	24.98	---	25.24
3	22.97	23.73	22.48	---	---	---	24.36	---	25.21	25.00	---	25.33
4	22.98	24.22	22.30	---	---	---	25.17	---	24.90	25.43	---	25.10
5	23.04	24.68	22.25	---	---	---	24.89	---	24.79	25.65	---	25.36
6	22.69	24.65	22.16	---	---	---	24.44	---	23.89	25.90	---	25.31
7	22.43	24.38	21.95	---	---	---	24.84	---	23.71	26.13	---	25.03
8	21.90	23.35	22.14	---	---	---	25.21	25.43	23.73	26.13	---	25.14
9	22.14	22.91	22.10	---	---	---	25.42	25.74	24.15	25.98	---	25.40
10	22.38	22.84	22.30	---	---	---	25.51	25.80	24.17	25.56	---	26.01
11	22.56	23.53	22.24	---	---	23.23	25.41	25.66	24.45	25.62	---	25.68
12	22.77	23.70	22.01	---	---	23.18	24.90	25.66	24.61	25.55	---	25.74
13	22.60	23.64	22.03	---	---	23.44	24.54	25.13	24.73	25.44	---	25.60
14	22.65	24.02	22.05	---	---	23.24	24.71	25.10	24.85	25.76	---	25.15
15	23.04	24.07	22.20	---	---	22.45	24.72	25.32	24.54	25.30	---	25.66
16	23.09	24.14	---	---	---	22.24	24.83	25.47	24.54	25.06	---	25.67
17	22.96	24.01	---	---	---	22.59	24.77	25.70	24.76	25.16	---	25.38
18	22.93	23.97	---	---	---	22.71	25.06	25.90	24.81	25.18	---	25.13
19	23.05	23.47	---	---	---	22.89	25.02	26.17	24.90	24.77	---	25.33
20	23.01	23.40	---	---	---	23.00	25.07	25.98	24.86	24.82	---	25.39
21	22.99	23.13	---	---	---	22.75	25.28	25.70	24.87	25.09	---	25.17
22	23.56	22.99	---	---	---	22.38	25.67	25.71	24.92	25.78	---	25.45
23	23.62	23.31	---	---	---	22.45	25.45	25.93	25.34	25.90	---	25.68
24	23.76	23.43	---	---	---	22.63	25.17	26.04	24.97	25.92	---	25.28
25	23.89	23.76	---	---	---	23.35	25.08	25.91	25.34	25.35	---	25.04
26	23.85	23.69	---	---	---	23.25	---	25.78	25.91	25.19	---	24.64
27	23.71	23.75	---	---	---	23.06	---	25.37	25.56	---	---	24.12
28	23.63	23.75	---	---	---	22.78	---	25.18	25.22	---	---	23.91
29	24.01	23.58	---	---	---	23.21	---	25.06	24.78	---	25.58	24.26
30	23.98	23.23	---	---	---	23.37	---	25.36	25.00	---	25.46	24.57
31	24.15	---	---	---	---	23.71	---	25.27	---	---	25.55	---
MEAN	23.12	23.72	---	---	---	---	---	---	24.79	---	---	25.21
MAX	24.15	24.68	---	---	---	---	---	---	25.91	---	---	26.01
MIN	21.90	22.84	---	---	---	---	---	---	23.71	---	---	23.90



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BEAUFORT COUNTY

WELL NUMBER.--321551080491003. Local number, BFT-429.

LOCATION.--Lat 32°15'51", long 80°49'10", Hydrologic Unit 03050208, 1.6 mi northwest on County Road 744, 2 mi southwest of Foot Point Plantation at Victoria Bluff, and 7.7 mi southeast on U.S. Highway 278 from intersection with State Highway 170. Owner: South Carolina Wildlife and Marine Resources Department.

AQUIFER.--Ocala Limestone 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.

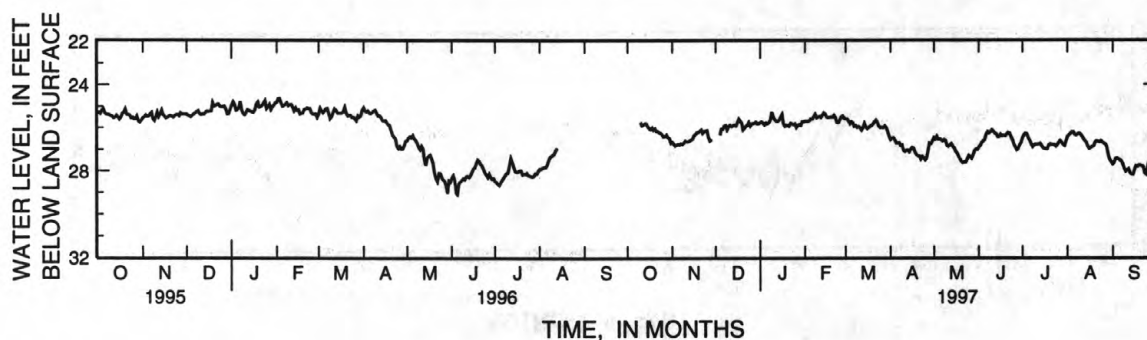
PERIOD OF RECORD.--August 1970 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	26.67	---	25.76	25.70	25.60	26.55	26.47	26.91	26.48	26.42	27.69
2	---	26.75	---	25.73	25.71	25.60	26.49	26.53	26.83	26.33	26.35	27.63
3	---	26.82	---	25.80	25.71	25.69	26.47	26.41	26.69	26.27	26.28	27.43
4	---	26.80	26.33	25.87	25.68	25.81	26.56	26.53	26.62	26.29	26.20	27.42
5	---	26.76	26.06	25.78	25.59	25.73	26.72	26.52	26.56	26.50	26.20	27.46
6	---	26.80	26.05	25.82	25.60	25.78	26.71	26.54	26.29	26.60	26.33	27.51
7	---	26.73	25.92	25.77	25.49	25.94	26.70	26.62	26.19	26.77	26.36	27.56
8	---	26.76	25.90	25.66	25.38	25.90	26.84	26.55	26.24	26.89	26.29	27.69
9	---	26.71	26.08	25.27	25.54	25.98	26.81	26.60	26.19	26.80	26.27	27.90
10	25.75	26.62	25.94	25.48	25.49	25.95	27.07	26.84	26.11	26.77	26.32	28.03
11	25.88	26.64	25.89	25.62	25.47	26.01	27.11	26.87	26.18	26.78	26.40	27.97
12	25.86	26.65	25.95	25.70	25.52	26.11	27.05	26.81	26.27	26.77	26.52	27.92
13	25.80	26.60	25.90	25.71	25.41	25.99	27.04	26.75	26.29	26.74	26.62	28.12
14	25.81	26.56	25.88	25.65	25.32	25.81	27.12	26.88	26.42	26.83	26.69	28.17
15	25.93	26.51	25.91	25.52	25.38	25.98	27.01	26.93	26.41	26.93	26.88	28.17
16	26.02	26.36	25.78	25.39	25.51	26.04	26.92	27.10	26.31	26.98	26.97	27.94
17	26.06	26.30	25.60	25.81	25.53	25.98	26.95	27.17	26.38	26.98	26.93	27.79
18	25.99	26.22	25.69	25.93	25.52	25.94	27.14	27.32	26.36	26.99	26.88	27.81
19	26.10	26.20	25.78	25.88	25.49	25.90	27.25	27.45	26.38	26.83	26.85	27.74
20	26.04	26.15	26.09	25.89	25.51	25.84	27.31	27.57	26.30	26.76	26.68	27.75
21	26.15	26.10	26.01	25.93	25.43	25.73	27.31	27.63	26.23	26.79	26.62	27.79
22	26.15	26.25	25.93	25.80	25.52	25.66	27.46	27.58	26.26	26.80	26.65	27.80
23	26.21	26.16	25.88	25.82	25.76	25.77	27.34	27.60	26.42	26.79	26.68	28.12
24	26.24	26.16	25.76	25.86	25.77	25.94	27.39	27.46	26.55	26.87	26.62	28.17
25	26.31	26.13	25.91	25.82	25.64	26.00	27.49	27.30	26.76	26.80	26.68	27.83
26	26.41	26.43	25.81	25.98	25.49	25.98	27.41	27.35	26.90	26.69	26.74	27.52
27	26.40	26.60	25.81	25.89	25.46	26.00	27.05	27.42	27.03	26.61	26.76	27.22
28	26.32	26.54	25.80	25.86	25.57	25.93	26.72	27.28	26.97	26.69	26.89	27.01
29	26.44	---	25.74	25.89	---	25.98	26.75	27.07	26.80	26.78	27.26	27.18
30	26.48	---	25.82	25.73	---	26.18	26.62	27.00	26.69	26.84	27.48	27.12
31	26.71	---	25.81	25.73	---	26.37	---	27.01	---	26.64	27.57	---
MEAN	---	---	---	25.75	25.54	25.91	26.98	27.01	26.48	26.73	26.66	27.72
MAX	---	---	---	25.98	25.77	26.37	27.49	27.63	27.03	26.99	27.57	28.17
MIN	---	---	---	25.27	25.32	25.60	26.47	26.41	26.11	26.27	26.20	27.01



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BEAUFORT COUNTY

467

WELL NUMBER.-- 321603080432202. Local number, BFT-1810.

LOCATION.--Lat 32°16'03", long 80°43'22", Hydrologic Unit 03050208, at Dolphin Head Recreation Park, on Hilton Head Plantation on Hilton Head Island. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 105 ft, open hole from 105 to 202 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval and USGS mini-monitor.

DATUM.--Land-surface datum is 14 ft above sea level. Measuring point: Top of casing, .80 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuations. Well also sampled for water quality.

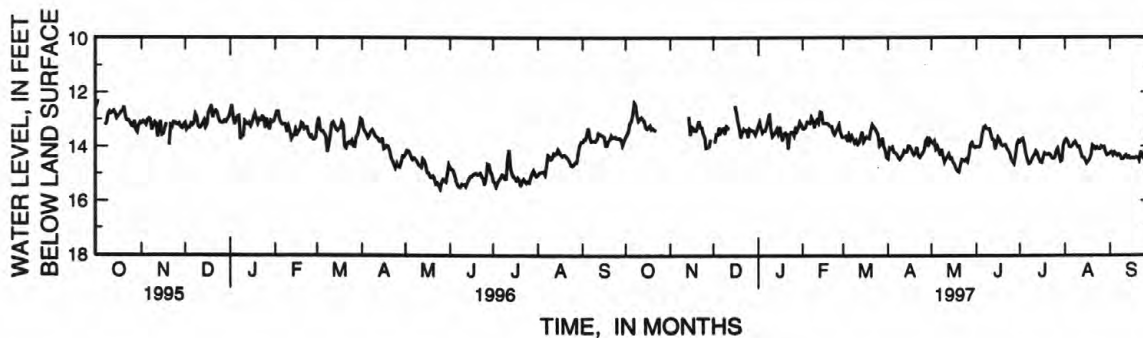
PERIOD OF RECORD.--September 1986 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.65	---	---	13.24	13.34	13.66	14.45	13.82	14.02	13.83	13.80	14.25
2	13.56	---	13.85	13.10	13.35	13.65	14.05	13.88	14.03	13.75	13.74	14.22
3	13.44	---	13.55	13.33	13.29	13.62	14.08	13.80	14.03	13.71	13.82	14.33
4	13.14	---	13.56	13.49	13.09	13.81	14.03	14.09	13.92	13.92	14.01	14.23
5	13.07	---	13.31	13.41	13.11	13.58	14.21	13.98	13.57	14.28	14.03	14.29
6	12.85	---	13.47	13.43	13.14	13.74	14.23	14.11	13.31	14.46	13.99	14.35
7	12.39	---	13.35	13.25	12.92	13.62	14.29	14.33	13.26	14.64	13.90	14.30
8	12.47	---	13.33	13.04	13.04	13.73	14.41	14.12	13.36	14.63	13.83	14.35
9	12.87	---	13.54	12.79	13.30	13.87	14.47	14.35	13.36	14.50	13.93	14.48
10	13.05	---	13.27	13.38	13.08	13.77	14.39	14.58	13.36	14.39	14.04	14.47
11	12.97	---	13.33	13.63	13.01	13.92	14.32	14.46	13.57	14.31	14.02	14.38
12	12.93	---	13.33	13.55	13.12	13.86	14.16	14.38	13.75	14.18	14.23	14.34
13	13.01	---	---	13.47	12.74	13.65	14.20	14.29	13.76	14.26	14.41	14.43
14	13.05	12.90	---	13.36	12.76	13.46	14.20	14.46	14.11	14.44	14.41	14.38
15	13.31	13.58	---	13.51	13.14	13.82	13.99	14.44	13.87	14.58	14.50	14.45
16	13.35	13.28	12.51	13.27	13.15	13.72	14.00	14.59	13.67	14.61	14.63	14.42
17	13.28	13.32	12.78	13.55	13.15	13.64	14.09	14.66	13.76	14.40	14.56	14.43
18	13.22	13.43	13.09	13.79	13.16	13.67	14.23	14.82	13.94	14.26	14.48	14.45
19	13.37	13.43	13.36	13.53	13.20	13.70	14.31	14.91	13.98	14.30	14.31	14.40
20	13.34	13.26	13.68	13.50	13.26	13.41	14.24	14.94	13.94	14.31	13.97	14.41
21	13.40	13.05	13.47	13.55	13.26	13.20	14.03	14.70	13.94	14.28	14.02	14.52
22	13.41	13.31	13.36	14.09	13.48	13.29	14.34	14.48	14.09	14.33	14.10	14.20
23	---	13.31	13.42	13.57	13.56	13.34	14.40	14.50	14.16	14.43	14.04	14.39
24	---	13.53	13.40	13.46	13.43	13.45	14.32	14.54	14.28	14.45	14.10	14.45
25	---	13.65	13.66	13.48	13.34	13.56	14.23	14.47	14.47	14.41	14.11	14.14
26	---	14.07	13.36	13.60	13.21	13.97	14.15	14.56	14.57	14.17	14.00	13.91
27	---	14.04	13.41	13.28	13.47	13.88	13.79	14.29	14.64	14.09	14.06	13.56
28	---	14.01	13.41	13.43	13.64	13.69	13.72	13.93	14.29	14.32	14.03	13.63
29	---	13.75	13.45	13.29	---	14.00	14.00	13.86	13.92	14.56	14.24	14.13
30	---	---	13.56	13.10	---	14.14	13.73	14.00	13.78	14.52	14.33	14.24
31	---	---	13.43	13.19	---	14.40	---	14.05	---	13.96	14.29	---
MEAN	---	---	---	13.41	13.20	13.70	14.17	14.34	13.89	14.30	14.13	14.28
MAX	---	---	---	14.09	13.64	14.40	14.47	14.94	14.64	14.64	14.63	14.52
MIN	---	---	---	12.79	12.74	13.20	13.72	13.80	13.26	13.71	13.74	13.56



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS QUALITY OF GROUND WATER

WELL NUMBER.--321603080432202. Local number, BFT-1810.

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, 1,590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 8,880 microsiemens, Sept. 29; minimum, 8,220 microsiemens, Mar. 10, 12.

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8410	8290	8340	---	---	---	8400	8290	8340	8380	8310	8350
2	8410	8300	8350	---	---	---	8420	8300	8350	8390	8320	8360
3	8400	8310	8340	---	---	---	8370	8270	8320	8400	8330	8360
4	8380	8310	8340	---	---	---	8380	8310	8340	8390	8320	8360
5	8390	8320	8350	8410	8300	8350	8400	8300	8340	8410	8310	8360
6	8390	8320	8350	8420	8300	8340	8400	8300	8340	8410	8310	8360
7	8400	8320	8350	8420	8300	8350	8410	8290	8330	8410	8300	8350
8	8470	8330	8380	8450	8300	8360	8410	8280	8330	8400	8290	8350
9	8460	8330	8380	8470	8300	8370	8430	8280	8330	8410	8290	8350
10	8480	8310	8380	8450	8300	8370	8410	8270	8320	8420	8300	8360
11	8450	8320	8380	8470	8290	8370	8410	8260	8330	8420	8300	8360
12	8450	8320	8380	8460	8290	8360	8410	8260	8320	8400	8300	8360
13	8460	8310	8380	8450	8280	8360	---	---	---	8400	8310	8360
14	8470	8320	8390	8440	8280	8350	---	---	---	8400	8310	8360
15	8480	8320	8390	8430	8280	8350	---	---	---	8390	8310	8350
16	8460	8310	8380	8420	8280	8340	---	---	---	8410	8310	8360
17	8460	8310	8380	8430	8280	8350	8390	8300	8350	8400	8320	8360
18	8460	8310	8380	8440	8280	8350	8390	8310	8350	8400	8320	8360
19	8470	8310	8380	8440	8280	8350	8410	8310	8360	8400	8310	8350
20	8460	8310	8380	8440	8280	8340	8410	8320	8360	8400	8320	8360
21	8460	8310	8380	8440	8280	8340	8390	8300	8350	8400	8310	8350
22	8450	8300	8370	8450	8290	8350	8390	8300	8350	8400	8310	8370
23	---	---	---	8440	8280	8350	8400	8310	8360	8400	8300	8350
24	---	---	---	8440	8270	8350	8400	8310	8360	8390	8300	8350
25	---	---	---	8440	8280	8350	8400	8310	8360	8390	8300	8340
26	---	---	---	8450	8290	8360	8390	8310	8350	8390	8300	8340
27	---	---	---	8440	8280	8350	8400	8310	8360	8380	8300	8340
28	---	---	---	8410	8270	8340	8400	8310	8360	8380	8310	8340
29	---	---	---	8420	8290	8350	8390	8310	8350	8370	8300	8340
30	---	---	---	8410	8310	8350	8390	8320	8360	8380	8310	8340
31	---	---	---	---	---	---	8390	8320	8360	8380	8310	8350
MONTH	8480	8290	8370	8470	8270	8350	8430	8260	8350	8420	8290	8350

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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	8380	8310	8350	8340	8270	8310	8320	8270	8300	8380	8320	8340
2	8380	8300	8340	8340	8280	8310	8320	8260	8290	8370	8320	8340
3	8370	8290	8330	8340	8270	8310	8330	8260	8290	8380	8320	8340
4	8370	8290	8330	8340	8260	8300	8330	8260	8290	8400	8310	8350
5	8380	8280	8330	8340	8260	8290	8330	8260	8290	8380	8320	8350
6	8380	8280	8330	8350	8260	8300	8340	8260	8290	8390	8320	8350
7	8380	8270	8330	8350	8250	8300	8340	8260	8300	8420	8280	8340
8	8380	8270	8330	8350	8250	8290	8340	8250	8290	8470	8290	8370
9	8380	8270	8330	8350	8240	8290	8330	8260	8290	8460	8290	8360
10	8380	8270	8320	8340	8220	8280	8320	8260	8290	8440	8260	8330
11	8370	8280	8330	8310	8230	8260	8330	8260	8290	8380	8250	8300
12	8370	8280	8330	8310	8220	8270	8330	8270	8300	8390	8250	8310
13	8360	8280	8320	8310	8230	8270	8330	8290	8310	8390	8230	8300
14	8360	8290	8330	8320	8250	8280	8320	8290	8310	8360	8260	8300
15	8360	8290	8330	8320	8260	8280	8320	8290	8300	8390	8260	8320
16	8360	8290	8320	8300	8260	8280	8320	8290	8300	8380	8270	8320
17	8360	8290	8320	8310	8260	8280	8340	8300	8310	8390	8270	8320
18	8350	8280	8320	8310	8260	8280	8340	8290	8310	8390	8280	8320
19	8360	8280	8320	8320	8260	8290	8330	8290	8310	8390	8280	8320
20	8360	8280	8320	8320	8260	8280	8340	8290	8310	8400	8270	8330
21	8360	8270	8310	8320	8260	8290	8340	8290	8310	8410	8270	8330
22	8360	8280	8320	8320	8260	8290	8340	8290	8310	8410	8280	8330
23	8360	8270	8320	8330	8250	8290	8350	8290	8320	8410	8270	8330
24	8350	8270	8310	8320	8260	8290	8350	8290	8320	8420	8270	8340
25	8350	8270	8310	8320	8260	8290	8350	8300	8320	8420	8280	8340
26	8340	8270	8310	8330	8270	8290	8360	8300	8320	8430	8290	8350
27	8350	8280	8310	8330	8270	8290	8360	8300	8330	8420	8290	8340
28	8340	8270	8310	8330	8270	8300	8370	8300	8340	8410	8280	8340
29	---	---	---	8330	8270	8300	8380	8320	8340	8430	8290	8350
30	---	---	---	8330	8270	8300	8370	8310	8340	8420	8300	8350
31	---	---	---	8350	8280	8300	---	---	---	8430	8300	8350
MONTH	8380	8270	8320	8350	8220	8290	8380	8250	8310	8470	8230	8330
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8450	8310	8360	8500	8360	8420	8510					

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BEAUFORT COUNTY

WELL NUMBER.-- 321358080403802. Local number, BFT-1814.

LOCATION.--Lat 32°13'58", long 80°40'38", Hydrologic Unit 03050208, at Ft. Walker, Port Royal Plantation, on Hilton Head Island. Owner: South Carolina Water Resources Commission.

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.

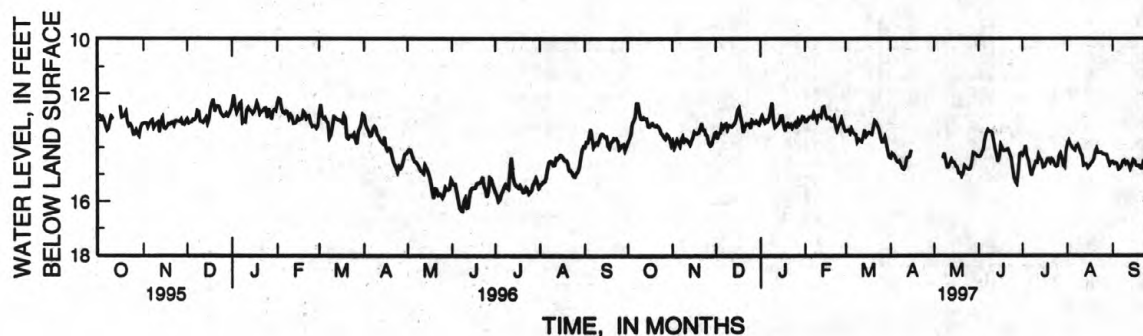
PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.21 ft below land-surface datum, Feb. 7, 1993; lowest, 16.73 ft below land-surface datum, July 12, 1990.

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	13.79	13.77	13.44	12.96	13.04	13.40	14.39	---	14.34	14.28	13.83	14.53
2	13.68	14.01	13.67	12.83	13.03	13.38	14.21	---	14.31	14.15	13.74	14.60
3	13.51	13.88	13.47	12.98	12.94	13.35	14.26	---	14.19	13.95	13.88	14.57
4	13.12	13.71	13.46	13.08	12.87	13.47	14.34	---	14.06	14.32	13.99	14.61
5	12.99	13.81	13.18	12.99	12.86	13.31	14.48	---	13.71	14.48	14.05	14.81
6	12.88	13.94	13.28	13.03	12.90	13.44	14.53	---	13.47	14.78	14.11	14.78
7	12.37	13.71	13.15	12.90	12.71	13.49	14.49	14.39	13.34	15.04	13.95	14.68
8	12.37	13.59	13.12	12.65	12.83	13.52	14.64	14.22	13.41	14.86	13.90	14.51
9	12.72	13.77	13.33	12.35	13.00	13.80	14.77	14.47	13.41	14.68	14.02	14.48
10	12.92	13.69	13.18	12.96	12.81	13.69	14.80	14.73	13.44	14.53	14.20	14.61
11	12.94	13.71	13.19	13.25	12.79	13.74	14.71	14.72	13.76	14.56	14.28	14.54
12	12.88	13.79	13.23	13.20	12.85	13.78	14.39	14.56	14.03	14.27	14.65	14.61
13	12.93	13.89	13.17	13.13	12.52	13.59	14.36	14.44	14.29	14.41	14.61	14.80
14	12.92	13.75	13.09	13.05	12.49	13.36	14.34	14.55	14.52	14.45	14.63	14.68
15	13.21	13.61	12.93	12.84	12.77	13.58	14.11	14.56	14.33	14.73	14.76	14.46
16	13.22	13.42	12.64	12.83	12.91	13.50	---	14.69	13.90	14.71	14.68	14.50
17	13.13	13.48	12.54	13.16	12.88	13.44	---	14.72	14.02	14.57	14.61	14.66
18	13.10	13.48	12.83	13.38	12.89	13.48	---	14.94	14.12	14.43	14.54	14.69
19	13.18	13.45	13.08	13.15	13.01	13.51	---	14.93	14.11	14.42	14.43	14.67
20	13.20	13.31	13.44	13.11	13.02	13.27	---	15.06	14.07	14.56	14.17	14.77
21	13.17	13.11	13.25	13.22	12.89	13.01	---	14.96	14.05	14.42	14.04	14.78
22	13.22	13.34	13.13	13.15	13.19	13.06	---	14.67	14.23	14.47	14.19	14.46
23	13.30	13.34	13.15	13.27	13.38	13.20	---	14.74	14.36	14.64	14.19	14.63
24	13.47	13.52	13.12	13.15	13.21	13.33	---	14.78	14.75	14.70	14.18	14.73
25	13.52	13.56	13.29	13.08	13.10	13.58	---	14.81	15.10	14.67	14.23	14.31
26	13.62	13.85	13.00	13.27	12.94	13.79	---	14.77	15.27	14.30	14.25	13.95
27	13.68	13.93	13.07	12.99	13.12	13.78	---	14.53	15.35	14.21	14.27	13.62
28	13.51	13.88	13.09	13.12	13.33	13.61	---	14.19	14.87	14.38	14.28	13.77
29	13.56	13.70	13.03	13.03	---	13.83	---	14.21	14.24	14.66	14.50	14.12
30	13.67	13.48	13.12	12.86	---	14.13	---	14.26	14.20	14.73	14.64	14.16
31	13.91	---	13.16	12.87	---	14.35	---	14.33	---	14.11	14.54	---
MEAN	13.22	13.65	13.16	13.03	12.94	13.54	---	---	14.18	14.50	14.27	14.50
MAX	13.91	14.01	13.67	13.38	13.38	14.35	---	---	15.35	15.04	14.76	14.81
MIN	12.37	13.11	12.54	12.35	12.49	13.01	---	---	13.34	13.95	13.74	13.62



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BERKELEY COUNTY

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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 punch interval.

DATUM.--Land-surface datum is 67 ft above sea level. Measuring point: Top of casing, 3.80 ft above land-surface datum.

REMARKS.--Flowing well in 1982. Geophysical logs available in U.S. Geological Survey District files.

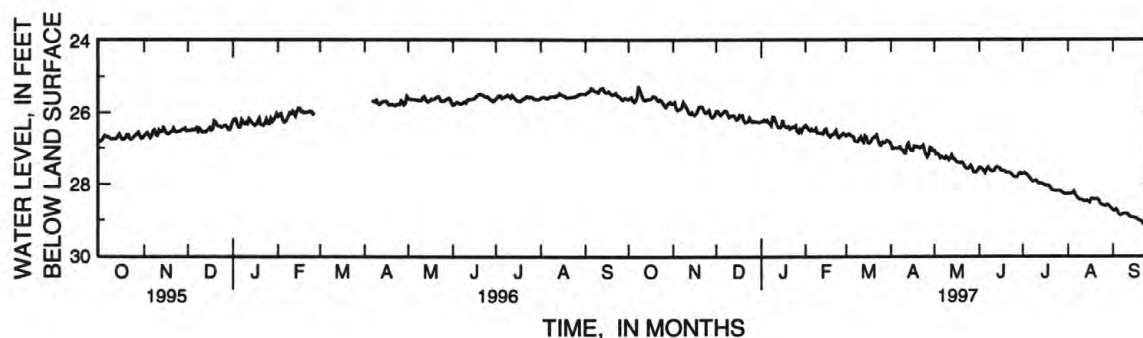
PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sept. 15, 1989; lowest 29.52 ft below land-surface datum, Jan. 5, 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	25.65	25.76	25.96	26.27	26.37	26.66	26.91	27.07	27.54	27.71	28.27	28.74
2	25.62	25.73	25.97	26.25	26.42	26.62	27.02	27.16	27.55	27.69	28.27	28.75
3	25.59	25.88	26.04	26.22	26.48	26.60	27.00	27.14	27.58	27.72	28.28	28.71
4	25.67	25.94	26.08	26.25	26.52	26.65	27.00	27.18	27.64	27.75	28.25	28.76
5	25.72	25.92	26.04	26.22	26.47	26.67	27.01	27.27	27.69	27.80	28.21	28.85
6	25.69	25.91	25.99	26.27	26.52	26.68	27.00	27.23	27.59	27.85	28.30	28.87
7	25.57	25.86	25.95	26.32	26.52	26.80	26.97	27.27	27.54	27.91	28.35	28.86
8	25.27	25.73	25.97	26.37	26.46	26.81	27.04	27.29	27.60	27.93	28.41	28.83
9	25.40	25.79	26.07	26.13	26.58	26.82	27.05	27.23	27.64	27.91	28.43	28.83
10	25.50	25.84	26.14	26.14	26.58	26.74	27.13	27.27	27.66	27.90	28.44	28.84
11	25.61	25.92	26.10	26.24	26.58	26.69	27.14	27.33	27.64	27.95	28.45	28.84
12	25.67	26.02	26.10	26.36	26.59	26.78	26.93	27.27	27.56	27.99	28.48	28.89
13	25.67	26.05	26.09	26.42	26.61	26.83	26.87	27.20	27.53	27.98	28.48	28.92
14	25.64	26.00	26.14	26.44	26.49	26.66	27.02	27.30	27.55	27.99	28.46	28.94
15	25.64	26.06	26.21	26.40	26.47	26.70	27.07	27.30	27.57	28.01	28.49	28.94
16	25.64	26.08	26.18	26.22	26.60	26.84	27.07	27.37	27.63	28.03	28.52	28.95
17	25.62	26.04	26.08	26.37	26.65	26.86	26.95	27.39	27.64	28.04	28.42	28.96
18	25.56	25.95	26.11	26.41	26.69	26.82	26.97	27.41	27.64	28.05	28.41	28.99
19	25.57	25.85	26.09	26.42	26.63	26.74	26.96	27.42	27.67	28.06	28.43	29.02
20	25.59	25.84	26.23	26.40	26.63	26.70	26.98	27.40	27.69	28.12	28.42	29.03
21	25.66	25.84	26.29	26.47	26.57	26.69	27.00	27.44	27.68	28.17	28.42	29.06
22	25.69	25.92	26.28	26.45	26.52	26.64	26.97	27.52	27.69	28.19	28.44	29.14
23	25.66	26.01	26.26	26.41	26.66	26.77	26.92	27.57	27.73	28.19	28.53	29.12
24	25.69	26.02	26.16	26.42	26.71	26.89	27.05	27.58	27.77	28.20	28.57	29.06
25	25.75	25.98	26.24	26.38	26.67	26.92	27.18	27.54	27.80	28.19	28.59	28.94
26	25.82	25.94	26.27	26.53	26.62	26.83	27.25	27.49	27.81	28.19	28.61	28.94
27	25.85	26.10	26.25	26.57	26.59	26.85	27.18	27.56	27.81	28.21	28.62	28.90
28	25.78	26.15	26.27	26.48	26.63	26.84	26.99	27.67	27.73	28.23	28.58	28.83
29	25.74	26.13	26.26	26.55	---	26.79	27.00	27.68	27.69	28.26	28.60	28.86
30	25.72	26.07	26.29	26.46	---	26.81	27.08	27.67	27.73	28.29	28.64	28.90
31	25.76	---	26.27	26.40	---	26.82	---	27.61	---	28.29	28.69	---
MEAN	25.65	25.94	26.14	26.36	26.57	26.76	27.02	27.38	27.65	28.03	28.45	28.91
MAX	25.85	26.15	26.29	26.57	26.71	26.92	27.25	27.68	27.81	28.29	28.69	29.14
MIN	25.27	25.73	25.95	26.13	26.37	26.60	26.87	27.07	27.53	27.69	28.21	28.71



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS CHARLESTON COUNTY

WELL NUMBER.--324729079472001. Local number, CHN-14.

LOCATION.--Lat 32°47'29", long 79°55'43", Hydrologic Unit 03050202, Charleston, S C, 100 ft west of Concord St. and 50 ft south of Charlotte St. Owner: City of Charleston, SC.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled production well, diameter 6 inches, cased to 1887 ft, total depth 2007 ft, cased to 1887 ft, open hole from 1887 to 2007 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 7.5 ft above sea level. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

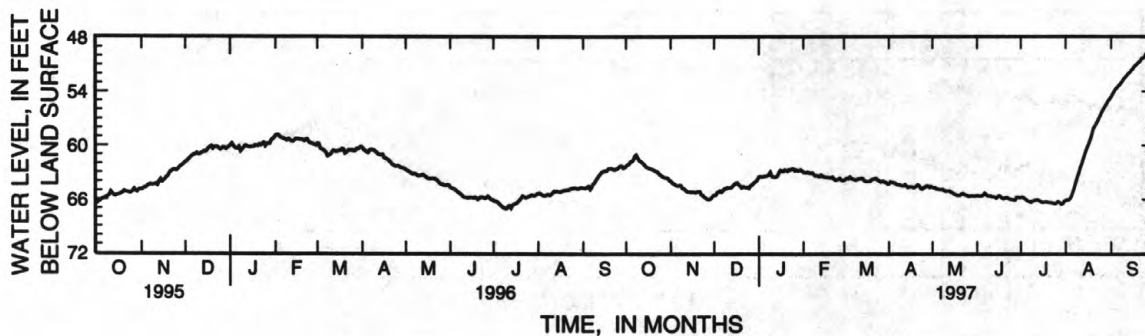
PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.81 ft below land-surface datum, June 5, 1991; lowest 68.05 ft below land-surface datum, Aug. 23, 24, 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	62.27	63.95	65.51	63.48	62.97	63.86	64.26	64.63	65.58	65.79	66.13	54.62
2	62.15	64.18	65.53	63.45	62.99	63.75	64.04	64.71	65.62	65.75	66.08	54.32
3	62.03	64.22	65.26	63.50	63.01	63.64	64.09	64.66	65.65	65.82	66.04	54.04
4	61.83	64.36	65.18	63.47	62.96	63.68	64.12	64.87	65.60	65.97	65.90	53.76
5	61.76	64.45	65.04	63.43	63.06	63.50	64.17	64.83	65.54	66.13	65.55	53.58
6	61.59	64.49	65.20	63.43	63.12	63.65	64.25	64.89	65.33	66.19	65.06	53.42
7	61.18	64.42	65.03	63.33	63.07	63.73	64.36	64.90	65.45	66.23	64.55	53.25
8	61.06	64.45	64.81	63.28	63.19	63.77	64.39	64.87	65.61	66.30	63.98	53.04
9	61.40	64.75	64.83	62.99	63.39	63.83	64.40	64.98	65.63	66.17	63.49	52.80
10	61.63	64.80	64.66	63.39	63.33	63.75	64.46	65.08	65.62	66.15	63.01	52.55
11	61.75	64.91	64.68	63.50	63.37	63.72	64.46	65.05	65.73	66.10	62.45	52.38
12	61.88	65.10	64.70	63.50	63.47	63.69	64.36	65.06	65.73	66.04	61.99	52.18
13	62.02	65.17	64.65	63.51	63.30	63.69	64.51	65.06	65.74	66.09	61.50	51.99
14	62.20	65.16	64.49	63.35	63.35	63.65	64.67	65.22	65.86	66.18	61.00	51.83
15	62.43	65.21	64.32	63.03	63.52	63.94	64.58	65.27	65.70	66.29	60.54	51.65
16	62.45	65.15	64.18	62.78	63.52	63.99	64.58	65.40	65.61	66.32	60.12	51.45
17	62.55	65.22	64.15	62.84	63.56	64.01	64.60	65.45	65.71	66.28	59.72	51.23
18	62.58	65.26	64.37	62.88	63.57	63.99	64.68	65.53	65.83	66.26	59.27	51.10
19	62.68	65.20	64.49	62.72	63.57	63.97	64.64	65.53	65.93	66.29	58.66	50.92
20	62.72	65.11	64.69	62.77	63.62	63.79	64.48	65.54	65.84	66.32	58.09	50.75
21	62.84	65.14	64.56	62.87	63.54	63.75	64.40	65.41	65.79	66.32	57.84	50.64
22	62.89	65.44	64.59	62.69	63.71	63.70	64.48	65.34	65.87	66.36	57.56	50.34
23	62.98	65.54	64.67	62.74	63.82	63.66	64.80	65.48	65.95	66.39	57.22	50.32
24	63.18	65.74	64.64	62.62	63.81	63.81	64.86	65.51	65.98	66.48	56.90	50.13
25	63.30	65.81	64.75	62.62	63.76	63.89	64.65	65.56	66.03	66.46	56.53	49.82
26	63.42	65.97	64.50	62.81	63.65	64.04	64.66	65.69	66.07	66.26	56.20	49.65
27	63.54	66.01	64.42	62.71	63.80	63.99	64.46	65.63	66.08	66.27	55.91	49.40
28	63.60	65.98	64.21	62.83	63.91	63.95	64.46	65.59	65.78	66.42	55.61	49.45
29	63.59	65.88	64.08	62.79	---	64.08	64.67	65.62	65.76	66.53	55.38	49.60
30	63.64	65.64	63.99	62.72	---	64.08	64.55	65.65	65.81	66.41	55.07	49.50
31	63.90	---	63.78	62.84	---	64.25	---	65.59	---	66.18	54.82	---
MEAN	62.49	65.09	64.64	63.06	63.43	63.83	64.47	65.25	65.75	66.22	60.39	51.66
MAX	63.90	66.01	65.53	63.51	63.91	64.25	64.86	65.69	66.08	66.53	66.13	54.62
MIN	61.06	63.95	63.78	62.62	62.96	63.50	64.04	64.63	65.33	65.75	54.82	49.40



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS CHARLESTON COUNTY

473

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 punch 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.

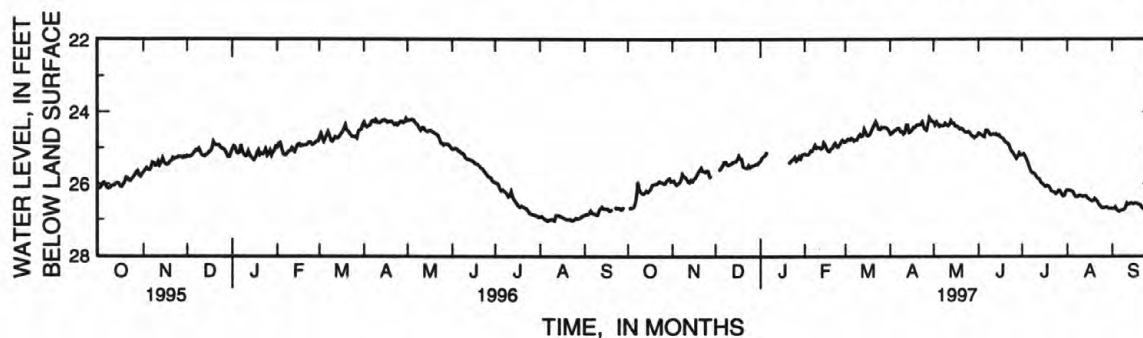
PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 27.04 ft below land-surface datum, Aug. 6, 1996.

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	---	25.92	---	25.37	25.17	24.83	24.62	24.27	24.59	25.19	26.17	26.68
2	26.69	25.91	---	25.29	25.19	24.79	24.60	24.36	24.61	25.17	26.17	26.68
3	26.66	26.00	25.61	25.25	25.19	24.75	24.55	24.28	24.64	25.23	26.19	26.64
4	26.67	26.03	25.61	25.23	25.16	24.78	24.52	24.32	24.66	25.31	26.20	26.71
5	26.65	25.99	25.55	25.15	25.08	24.73	24.50	24.40	24.69	25.43	26.23	26.75
6	26.58	25.98	25.49	25.17	25.09	24.76	24.46	24.37	24.51	25.55	26.32	26.77
7	26.38	25.88	25.40	---	25.02	24.81	24.46	24.39	24.51	25.66	26.37	26.73
8	25.95	25.74	25.39	---	24.93	24.77	24.55	24.38	24.56	25.70	26.36	26.73
9	26.15	25.80	25.47	---	25.01	24.78	24.54	24.31	24.64	25.70	26.33	26.71
10	26.23	25.82	25.48	---	24.98	24.68	24.62	24.35	24.63	25.75	26.32	26.66
11	26.27	25.88	25.45	---	24.99	24.63	24.58	24.39	24.61	25.82	26.34	26.54
12	26.29	25.94	25.45	---	25.03	24.68	24.37	24.34	24.63	25.85	26.35	26.57
13	26.24	25.96	25.40	---	25.00	24.66	24.37	24.24	24.61	25.89	26.33	26.55
14	26.19	25.90	25.39	---	24.86	24.48	24.57	24.31	24.65	25.96	26.34	26.53
15	26.23	25.93	25.38	---	24.92	24.57	24.55	24.31	24.64	26.00	26.39	26.55
16	26.18	25.88	25.33	---	25.02	24.66	24.51	24.40	24.70	26.03	26.43	26.55
17	26.14	25.84	25.23	---	25.09	24.66	24.42	24.39	24.72	26.07	26.45	26.53
18	26.03	25.77	25.29	---	25.10	24.62	24.43	24.42	24.74	26.04	26.48	26.55
19	26.02	25.68	25.32	---	25.03	24.52	24.38	24.47	24.82	26.06	26.47	26.57
20	26.01	25.64	25.51	---	25.01	24.43	24.35	24.45	24.85	26.11	26.41	26.57
21	26.01	25.57	25.55	25.44	24.91	24.35	24.36	24.48	24.87	26.20	26.45	26.64
22	25.97	25.66	25.56	25.38	24.87	24.28	24.34	24.53	24.93	26.22	26.50	26.68
23	25.94	25.66	25.57	25.35	24.97	24.37	24.28	24.56	25.05	26.23	26.58	26.66
24	25.96	25.68	25.49	25.31	24.97	24.48	24.40	24.56	25.11	26.28	26.62	26.62
25	25.97	25.65	25.55	25.26	24.91	24.49	24.49	24.54	25.16	26.25	26.67	26.50
26	26.00	25.66	25.51	25.36	24.82	24.42	24.51	24.58	25.23	26.18	26.67	26.48
27	25.99	25.82	25.49	25.32	24.79	24.44	24.35	24.65	25.29	26.19	26.65	26.35
28	25.91	25.81	25.48	25.25	24.84	24.42	24.15	24.67	25.23	26.28	26.64	26.31
29	25.88	---	25.45	25.30	---	24.43	24.22	24.72	25.14	26.34	26.66	26.43
30	25.86	---	25.46	25.20	---	24.47	24.26	24.69	25.20	26.33	26.68	26.46
31	25.94	---	25.41	25.18	---	24.52	---	24.65	---	26.21	26.67	---
MEAN	---	---	---	---	25.00	24.59	24.44	24.44	24.81	25.91	26.43	26.59
MAX	---	---	---	---	25.19	24.83	24.62	24.72	25.29	26.34	26.68	26.77
MIN	---	---	---	---	24.79	24.28	24.15	24.24	24.51	25.17	26.17	26.31



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS CHARLESTON COUNTY

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 punch 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.

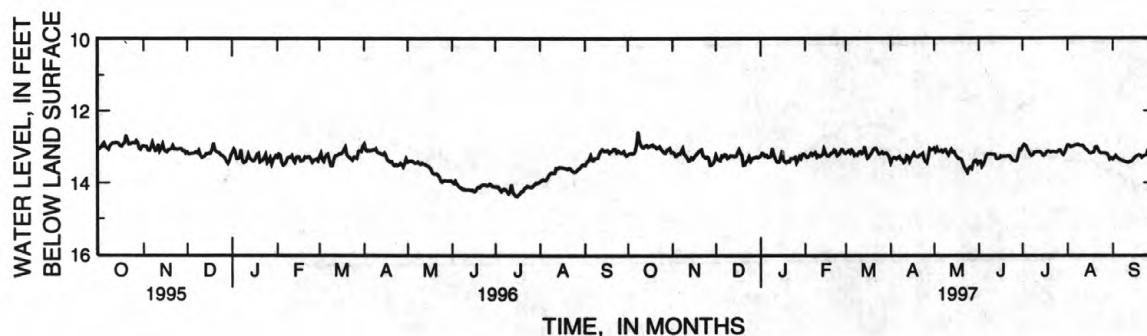
PERIOD OF RECORD.--February 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 18.97 ft below land-surface datum, June 13, 1985.

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	13.21	13.14	13.23	13.25	13.23	13.18	13.45	13.04	13.41	13.00	12.95	13.35
2	13.19	13.17	13.34	13.18	13.29	13.14	13.35	13.13	13.40	12.94	12.95	13.30
3	13.18	13.26	13.36	13.20	13.28	13.11	13.30	13.04	13.55	12.96	13.01	13.25
4	13.19	13.24	13.38	13.26	13.23	13.17	13.30	13.13	13.48	13.03	12.98	13.30
5	13.18	13.19	13.25	13.23	13.18	13.09	13.34	13.13	13.38	13.13	12.98	13.33
6	13.12	13.20	13.27	13.29	13.23	13.13	13.30	13.10	13.25	13.20	12.95	13.36
7	12.93	13.12	13.21	13.28	13.18	13.24	13.27	13.15	13.20	13.25	12.95	13.37
8	12.58	13.04	13.22	13.27	13.15	13.21	13.35	13.10	13.21	13.22	12.94	13.39
9	12.85	13.20	13.32	13.04	13.28	13.23	13.35	13.08	13.20	13.15	12.95	13.41
10	12.95	13.24	13.29	13.20	13.23	13.15	13.44	13.18	13.21	13.15	12.97	13.42
11	13.01	13.30	13.25	13.32	13.27	13.13	13.41	13.23	13.21	13.14	12.96	13.43
12	13.02	13.38	13.26	13.41	13.25	13.19	13.25	13.13	13.22	13.14	12.99	13.44
13	12.97	13.37	13.25	13.43	13.21	13.15	13.27	13.07	13.34	13.14	13.05	13.41
14	12.95	13.30	13.27	13.42	13.06	13.00	13.41	13.16	13.34	13.17	13.08	13.40
15	13.00	13.34	13.26	13.27	13.18	13.19	13.32	13.14	13.32	13.24	13.12	13.36
16	12.98	13.28	13.16	13.11	13.25	13.32	13.25	13.25	13.26	13.24	13.17	13.30
17	12.96	13.23	13.08	13.37	13.26	13.28	13.18	13.28	13.28	13.17	13.18	13.27
18	12.94	13.18	13.17	13.42	13.23	13.21	13.26	13.34	13.26	13.13	13.16	13.25
19	12.99	13.13	13.23	13.44	13.17	13.15	13.27	13.33	13.27	13.12	13.16	13.23
20	12.99	13.11	13.51	13.40	13.17	13.08	13.28	13.35	13.26	13.15	13.02	13.24
21	13.04	13.08	13.50	13.42	13.09	13.04	13.23	13.48	13.26	13.14	13.01	13.30
22	13.02	13.24	13.42	13.33	13.11	13.04	13.22	13.58	13.26	13.14	13.07	13.26
23	12.99	13.27	13.37	13.33	13.25	13.14	13.18	13.66	13.31	13.14	13.16	13.25
24	13.06	13.31	13.28	13.33	13.22	13.20	13.34	13.72	13.37	13.15	13.18	13.23
25	13.11	13.28	13.40	13.29	13.16	13.18	13.41	13.59	13.38	13.14	13.18	13.11
26	13.16	13.31	13.33	13.44	13.08	13.14	13.45	13.56	13.40	13.10	13.18	13.11
27	13.17	13.51	13.31	13.35	13.09	13.19	13.28	13.61	13.39	13.10	13.18	12.98
28	13.09	13.50	13.31	13.27	13.17	13.17	13.05	13.45	13.22	13.18	13.19	12.91
29	13.07	13.46	13.28	13.33	---	13.17	13.09	13.38	13.07	13.22	13.24	13.03
30	13.04	13.37	13.30	13.21	---	13.22	13.07	13.37	13.09	13.15	13.35	13.06
31	13.15	---	13.28	13.20	---	13.28	---	13.47	---	13.04	13.31	---
MEAN	13.04	13.26	13.29	13.30	13.20	13.17	13.29	13.30	13.29	13.13	13.08	13.27
MAX	13.21	13.51	13.51	13.44	13.29	13.32	13.45	13.72	13.55	13.25	13.35	13.44
MIN	12.58	13.04	13.08	13.04	13.06	13.00	13.05	13.04	13.07	12.94	12.94	12.91



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS CHEROKEE COUNTY

475

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 Tessneer.

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 punch interval.

DATUM.--Land-surface datum is 805 ft above sea level. Measuring point: Top of casing, 2.04 ft above land-surface datum.

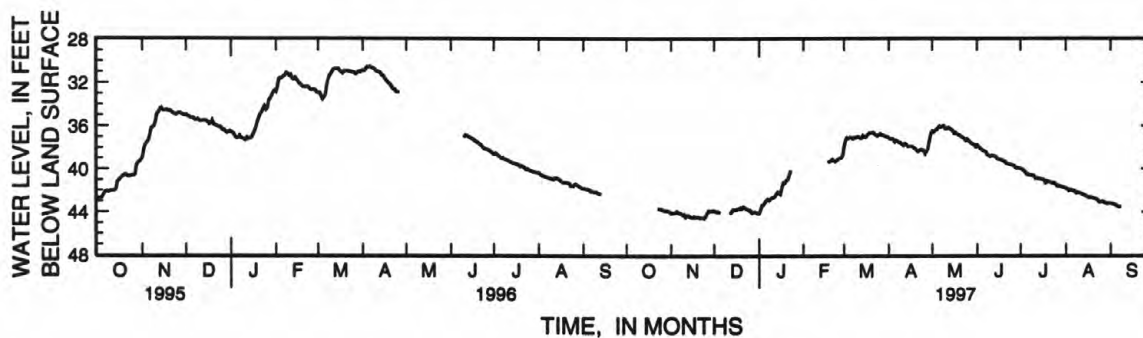
REMARKS.--Geophysical logs available in District files.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	44.13	43.84	44.12	---	37.91	37.12	36.50	37.80	40.00	41.83	43.23
2	---	44.07	43.99	43.80	---	37.30	37.19	36.58	37.92	40.05	41.88	43.26
3	---	44.08	43.97	43.34	---	37.08	37.16	36.41	38.08	40.16	42.04	43.28
4	---	44.05	43.99	43.31	---	37.16	37.22	36.39	38.18	40.30	41.97	43.38
5	---	43.94	44.06	43.09	---	37.04	37.45	36.18	38.31	40.52	42.00	43.39
6	---	44.04	---	42.90	---	37.06	37.33	36.03	38.36	40.50	42.08	43.53
7	---	44.10	---	42.79	---	37.17	37.44	36.11	38.42	40.61	42.07	43.55
8	---	44.12	---	42.89	---	37.05	37.51	36.06	38.72	40.58	42.28	43.53
9	---	44.26	---	42.72	---	37.11	37.55	36.02	38.76	40.60	42.21	---
10	---	44.22	---	42.65	---	36.98	37.69	36.26	38.85	40.67	42.24	---
11	---	44.44	---	42.60	---	37.00	37.81	36.27	38.76	40.87	42.28	---
12	---	44.30	44.13	42.55	---	37.12	37.63	36.16	38.78	40.86	42.35	---
13	---	44.28	43.93	42.31	---	37.12	37.71	36.22	38.83	40.90	42.41	---
14	---	44.39	43.77	42.13	---	36.87	37.88	36.35	38.92	40.91	42.47	---
15	---	44.48	43.79	42.15	---	37.03	37.89	36.41	39.12	40.94	42.50	---
16	---	44.50	43.78	42.31	---	37.03	37.89	36.70	39.09	41.00	42.63	---
17	---	44.41	43.66	41.73	---	36.82	37.89	36.60	39.12	41.04	42.68	---
18	---	44.49	43.71	41.27	39.36	36.69	38.01	36.74	39.21	41.31	42.65	---
19	---	44.44	43.58	41.32	39.26	36.63	38.07	36.83	39.28	41.13	42.68	---
20	---	44.48	43.66	41.05	39.26	36.63	38.24	36.87	39.33	41.22	42.74	---
21	---	44.54	43.48	40.98	39.10	36.58	38.36	37.00	39.52	41.25	42.76	---
22	---	44.53	43.56	40.63	39.22	36.73	38.30	37.09	39.54	41.28	42.80	---
23	43.66	44.52	43.69	40.16	39.29	36.82	38.17	37.15	39.59	41.36	42.91	---
24	43.70	44.55	43.69	---	39.16	36.91	38.20	37.35	39.62	41.32	43.10	---
25	43.72	44.37	43.85	---	39.03	36.82	38.30	37.23	39.67	41.43	43.10	---
26	43.82	44.16	43.83	---	38.96	36.71	38.57	37.35	39.70	41.64	43.02	---
27	43.86	43.90	44.05	---	38.95	36.83	38.33	37.53	39.85	41.61	43.04	---
28	43.86	43.94	43.99	---	38.73	36.84	38.12	37.63	39.96	41.63	43.20	---
29	43.91	43.87	43.97	---	---	36.88	37.37	37.69	39.93	41.67	43.18	---
30	43.90	43.87	44.02	---	---	36.97	36.79	37.77	39.99	41.76	43.26	---
31	43.97	---	44.10	---	---	37.00	---	37.95	---	41.78	43.20	---
MEAN	---	44.25	---	---	---	36.96	37.77	36.76	39.04	41.00	42.57	---
MAX	---	44.55	---	---	---	37.91	38.57	37.95	39.99	41.78	43.26	---
MIN	---	43.87	---	---	---	36.58	36.79	36.02	37.80	40.00	41.83	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS CHESTER COUNTY

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 punch 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.

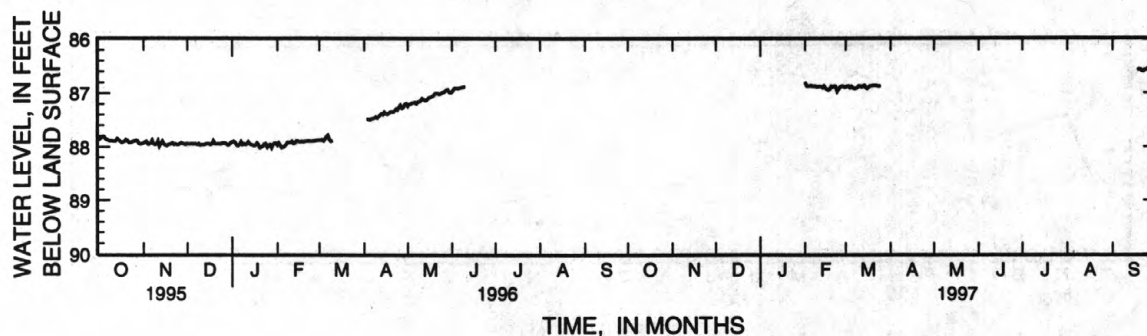
PERIOD OF RECORD.--January 1994 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	86.80	86.89	---	---	---	---	---	---
2	---	---	---	---	86.87	86.87	---	---	---	---	---	---
3	---	---	---	---	86.87	86.87	---	---	---	---	---	---
4	---	---	---	---	86.87	86.90	---	---	---	---	---	---
5	---	---	---	---	86.86	86.88	---	---	---	---	---	---
6	---	---	---	---	86.88	86.90	---	---	---	---	---	---
7	---	---	---	---	86.87	86.92	---	---	---	---	---	---
8	---	---	---	---	86.87	86.91	---	---	---	---	---	---
9	---	---	---	---	86.89	86.90	---	---	---	---	---	---
10	---	---	---	---	86.88	86.87	---	---	---	---	---	---
11	---	---	---	---	86.88	86.87	---	---	---	---	---	---
12	---	---	---	---	86.88	86.89	---	---	---	---	---	---
13	---	---	---	---	86.90	86.88	---	---	---	---	---	---
14	---	---	---	---	86.87	86.86	---	---	---	---	---	---
15	---	---	---	---	86.91	86.90	---	---	---	---	---	---
16	---	---	---	---	86.94	86.92	---	---	---	---	---	---
17	---	---	---	---	86.95	86.89	---	---	---	---	---	---
18	---	---	---	---	86.93	86.87	---	---	---	---	---	86.57
19	---	---	---	---	86.88	86.87	---	---	---	---	---	86.56
20	---	---	---	---	86.89	86.86	---	---	---	---	---	86.56
21	---	---	---	---	86.87	86.86	---	---	---	---	---	86.59
22	---	---	---	---	86.88	86.86	---	---	---	---	---	86.60
23	---	---	---	---	86.97	86.87	---	---	---	---	---	86.57
24	---	---	---	---	86.93	86.88	---	---	---	---	---	86.57
25	---	---	---	---	86.89	86.87	---	---	---	---	---	86.55
26	---	---	---	---	86.88	---	---	---	---	---	---	86.58
27	---	---	---	---	86.87	---	---	---	---	---	---	86.57
28	---	---	---	---	86.89	---	---	---	---	---	---	86.56
29	---	---	---	---	---	---	---	---	---	---	---	86.58
30	---	---	---	---	---	---	---	---	---	---	---	86.58
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	86.89	---	---	---	---	---	---	---
MAX	---	---	---	---	86.97	---	---	---	---	---	---	---
MIN	---	---	---	---	86.80	---	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS COLLETON COUNTY

477

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.

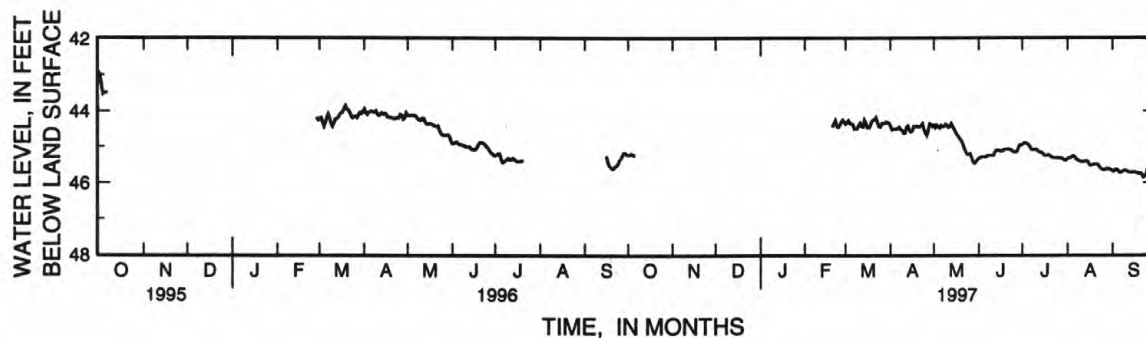
REMARKS.--Original depth, 500 ft. Caliper log, December 1993, depth 343 ft. Measured Jan. 17, 1979, depth 356 ft. Caliper, electric, and gamma logs available in District files.

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 45.85 ft below land-surface datum, Sept. 22, 1997.

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	45.23	---	---	---	---	44.37	44.43	44.40	45.33	44.95	45.34	45.69
2	45.23	---	---	---	---	44.32	44.53	44.47	45.30	44.90	45.31	45.69
3	45.20	---	---	---	---	44.28	44.51	44.40	45.28	44.90	45.31	45.64
4	45.21	---	---	---	---	44.36	44.51	44.44	45.28	44.92	45.28	45.64
5	45.24	---	---	---	---	44.37	44.51	44.48	45.29	44.95	45.26	45.69
6	45.24	---	---	---	---	44.38	44.49	44.41	45.28	45.01	45.29	45.72
7	---	---	---	---	---	44.50	44.46	44.44	45.25	45.07	45.35	45.71
8	---	---	---	---	---	44.49	44.53	44.44	45.25	45.09	45.38	45.69
9	---	---	---	---	---	44.50	44.54	44.38	45.25	45.09	45.40	45.67
10	---	---	---	---	---	44.40	44.63	44.40	45.25	45.07	45.41	45.67
11	---	---	---	---	---	44.34	44.63	44.46	45.24	45.09	45.42	45.69
12	---	---	---	---	---	44.43	44.45	44.44	45.15	45.14	45.42	45.71
13	---	---	---	---	---	44.45	44.42	44.36	45.11	45.16	45.41	45.72
14	---	---	---	---	---	44.26	44.55	44.45	45.11	45.16	45.40	45.72
15	---	---	---	---	---	44.34	44.59	44.51	45.11	45.19	45.42	45.71
16	---	---	---	---	---	44.47	44.56	44.60	45.13	45.24	45.50	45.71
17	---	---	---	---	---	44.48	44.43	44.67	45.13	45.25	45.52	45.72
18	---	---	---	---	---	44.41	44.45	44.73	45.09	45.24	45.51	45.73
19	---	---	---	---	---	44.30	44.42	44.79	45.08	45.23	45.50	45.75
20	---	---	---	---	44.45	44.26	44.45	44.84	45.08	45.26	45.50	45.74
21	---	---	---	---	44.35	44.24	44.45	44.93	45.07	45.29	45.50	45.77
22	---	---	---	---	44.28	44.19	44.42	45.06	45.08	45.31	45.50	45.85
23	---	---	---	---	44.44	44.33	44.36	45.15	45.09	45.31	45.57	45.84
24	---	---	---	---	44.46	44.44	44.51	45.21	45.13	45.31	45.61	45.78
25	---	---	---	---	44.40	44.45	44.62	45.21	45.15	45.31	45.63	45.62
26	---	---	---	---	44.31	44.35	44.68	45.20	45.15	45.32	45.65	45.57
27	---	---	---	---	44.26	44.35	44.54	45.30	45.15	45.32	45.65	45.53
28	---	---	---	---	44.31	44.35	44.37	45.43	45.06	45.33	45.61	45.46
29	---	---	---	---	---	44.31	44.38	45.46	44.96	45.35	45.61	45.46
30	---	---	---	---	---	44.32	44.44	45.42	44.96	45.38	45.63	45.49
31	---	---	---	---	---	44.35	---	45.36	---	45.38	45.65	---
MEAN	---	---	---	---	---	44.37	44.50	44.77	45.16	45.18	45.47	45.68
MAX	---	---	---	---	---	44.50	44.68	45.46	45.33	45.38	45.65	45.85
MIN	---	---	---	---	---	44.19	44.36	44.36	44.96	44.90	45.26	45.46



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS FLORENCE COUNTY

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 Timmons ville.
Owner: Town of Timmons ville.

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 punch interval.

DATUM.--Land-surface datum is 145 ft above sea level. Measuring point: Top of casing, 0.71 ft above land-surface datum.

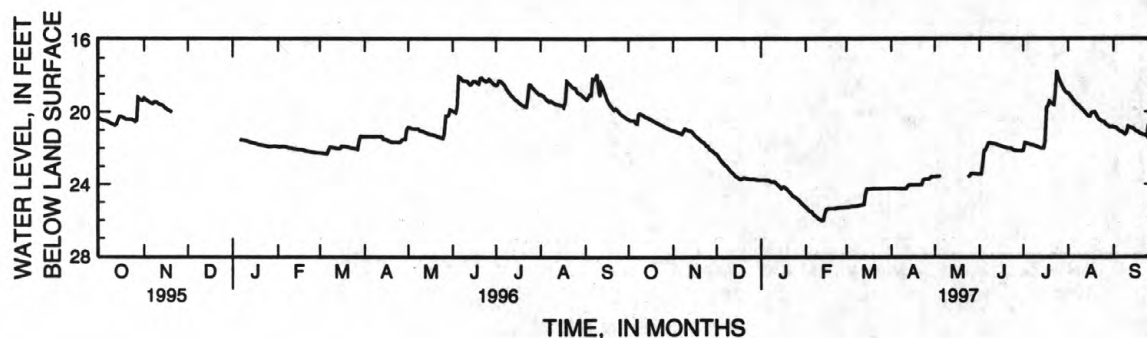
REMARKS.--Geophysical logs available and water-quality data are on file in District office. Water levels are affected by nearby pumpage.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.42	21.04	22.35	23.76	25.28	25.28	24.22	23.56	23.43	22.12	18.97	20.82
2	20.46	21.06	22.44	23.76	25.36	25.27	24.22	23.56	23.43	21.71	19.06	20.86
3	20.47	21.09	22.56	23.76	25.44	25.26	24.22	23.55	22.90	21.73	19.16	20.87
4	20.48	21.13	22.68	23.77	25.51	25.24	24.23	23.54	22.14	21.76	19.29	20.96
5	20.48	21.16	22.78	23.77	25.52	25.23	24.23	23.54	22.10	21.78	19.39	21.02
6	20.62	21.18	22.85	23.77	25.66	25.23	24.23	---	21.92	21.80	19.49	21.08
7	20.65	21.22	22.93	23.82	25.72	25.22	24.23	---	21.72	21.81	19.57	21.11
8	20.12	21.09	22.99	23.87	25.79	25.22	24.24	---	21.72	21.84	19.64	21.17
9	20.09	20.93	23.07	23.87	25.87	25.18	24.24	---	21.74	21.87	19.72	21.24
10	20.14	20.96	23.19	23.86	25.93	25.17	24.24	---	21.76	21.90	19.81	21.15
11	20.17	21.00	23.27	23.90	25.98	25.16	24.24	---	21.76	21.93	19.88	20.80
12	20.23	21.03	23.36	23.98	26.04	25.15	24.14	---	21.77	21.97	19.98	20.83
13	20.29	21.05	23.44	24.05	26.02	25.14	24.04	---	21.81	21.99	20.08	20.86
14	20.31	21.10	23.54	24.14	25.65	24.58	24.04	---	21.84	22.00	20.16	20.90
15	20.34	21.19	23.58	24.23	25.40	24.26	24.03	---	21.87	22.01	20.23	20.95
16	20.40	21.30	23.65	24.14	25.36	24.26	24.03	---	21.89	21.61	20.26	21.03
17	20.44	21.38	23.70	24.14	25.35	24.26	24.03	---	21.93	19.73	20.05	21.08
18	20.48	21.43	23.72	24.21	25.35	24.26	24.03	---	21.95	19.69	20.03	21.10
19	20.53	21.50	23.68	24.29	25.35	24.25	24.03	---	21.97	19.41	20.00	21.19
20	20.57	21.58	23.65	24.38	25.35	24.25	24.03	---	21.99	19.49	20.12	21.22
21	20.62	21.64	23.67	24.46	25.35	24.25	24.02	---	22.00	19.55	20.29	21.25
22	20.66	21.67	23.69	24.55	25.33	24.25	24.01	---	22.01	19.61	20.39	21.27
23	20.69	21.78	23.70	24.64	25.31	24.24	23.75	---	22.03	18.96	20.46	21.27
24	20.74	21.87	23.71	24.71	25.30	24.24	23.72	23.57	22.11	17.72	20.52	21.36
25	20.77	21.89	23.71	24.75	25.29	24.23	23.71	23.52	22.12	18.01	20.52	20.75
26	20.84	22.04	23.71	24.81	25.29	24.23	23.71	23.40	22.13	18.24	20.58	20.64
27	20.88	22.10	23.71	24.90	25.28	24.23	23.71	23.40	22.16	18.42	20.69	20.65
28	20.91	22.15	23.73	24.97	25.28	24.23	23.64	23.40	22.16	18.59	20.74	20.41
29	20.95	22.23	23.74	25.07	---	24.23	23.57	23.41	22.14	18.74	20.80	20.42
30	20.98	22.28	23.76	25.13	---	24.23	23.57	23.42	22.16	18.88	20.83	20.48
31	21.01	---	23.76	25.20	---	24.23	---	23.43	---	18.94	20.80	---
MEAN	20.54	21.44	23.37	24.28	25.51	24.66	24.01	---	22.09	20.45	20.05	20.96
MAX	21.01	22.28	23.76	25.20	26.04	25.28	24.24	---	23.43	22.12	20.83	21.36
MIN	20.09	20.93	22.35	23.76	25.28	24.23	23.57	---	21.72	17.72	18.97	20.41



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS FLORENCE COUNTY

479

WELL NUMBER.--341200079444100. Local number, FLO-99.

LOCATION.--Lat 34°12'00", long 79°44'41", Hydrologic Unit 03040201, Florence, East Day Street, near the railroad tracks at the old ice plant site. Owner: R. L. Sheppard, Sr.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation, diameter 8 in, depth 216 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 145 ft above sea level. Measuring point: Top of casing, 0.72 ft above land-surface datum.

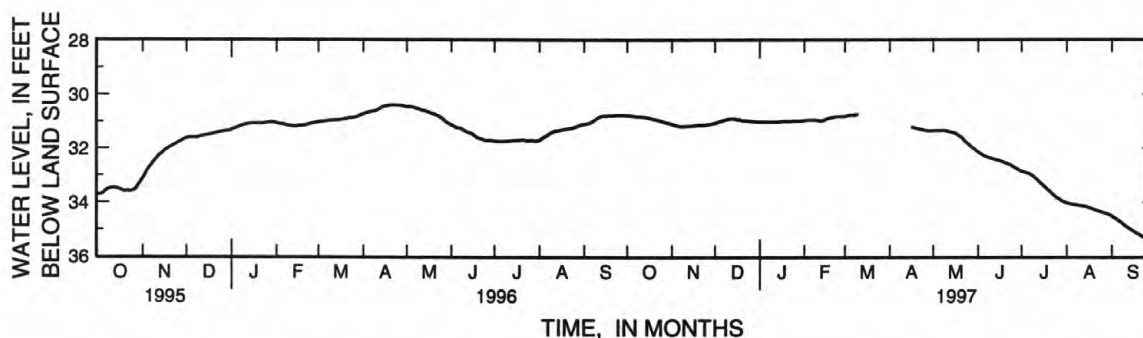
REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft. Obstruction between 30 to 40 ft. Water-quality data available in District files.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 27.26 ft below land-surface datum, May 4, 1983; lowest, 35.39 ft below land-surface datum, Sept. 28 - 30, 1997.

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	30.79	31.10	31.07	31.03	30.97	30.82	---	31.35	32.15	32.86	34.03	34.51
2	30.79	31.12	31.05	31.03	30.96	30.80	---	31.35	32.19	32.88	34.04	34.55
3	30.79	31.14	31.03	31.02	30.96	30.79	---	31.34	32.22	32.89	34.06	34.58
4	30.80	31.16	31.01	31.02	30.96	30.78	---	31.34	32.25	32.91	34.07	34.62
5	30.81	31.17	31.00	31.02	30.96	30.78	---	31.35	32.28	32.93	34.08	34.65
6	30.81	31.18	30.98	31.03	30.95	30.78	---	31.35	32.31	32.95	34.09	34.69
7	30.82	31.19	30.96	31.03	30.95	30.77	---	31.35	32.33	32.97	34.09	34.73
8	30.82	31.19	30.95	31.04	30.96	30.77	---	31.35	32.35	33.01	34.10	34.78
9	30.82	31.19	30.93	31.03	30.96	30.76	---	31.35	32.36	33.05	34.11	34.82
10	30.82	31.18	30.92	31.02	30.97	30.76	---	31.36	32.38	33.10	34.12	34.86
11	30.83	31.18	30.91	31.02	30.98	---	---	31.37	32.40	33.14	34.13	34.90
12	30.84	31.18	30.91	31.02	30.98	---	---	31.39	32.41	33.19	34.14	34.93
13	30.85	31.18	30.91	31.02	30.99	---	---	31.39	32.43	33.25	34.15	34.97
14	30.86	31.17	30.91	31.02	30.97	---	---	31.41	32.45	33.30	34.16	35.00
15	30.87	31.17	30.92	31.02	30.95	---	---	31.42	32.46	33.34	34.17	35.04
16	30.88	31.17	30.93	31.01	30.91	---	31.21	31.44	32.47	33.39	34.20	35.07
17	30.89	31.16	30.94	31.01	30.90	---	31.23	31.47	32.49	33.44	34.21	35.11
18	30.91	31.15	30.95	31.01	30.89	---	31.24	31.51	32.51	33.49	34.23	35.14
19	30.92	31.15	30.96	31.00	30.87	---	31.26	31.55	32.54	33.53	34.25	35.16
20	30.93	31.14	30.97	31.00	30.86	---	31.27	31.58	32.56	33.58	34.27	35.19
21	30.94	31.14	30.98	31.00	30.85	---	31.28	31.63	32.58	33.63	34.29	35.23
22	30.96	31.14	30.98	31.00	30.84	---	31.30	31.69	32.60	33.68	34.31	35.26
23	30.97	31.14	30.99	31.00	30.83	---	31.31	31.75	32.62	33.74	34.33	35.29
24	30.98	31.14	30.99	30.99	30.83	---	31.32	31.80	32.65	33.78	34.34	35.33
25	31.00	31.13	31.00	30.99	30.83	---	31.34	31.85	32.69	33.83	34.36	35.36
26	31.02	31.11	31.01	30.99	30.83	---	31.35	31.89	32.72	33.86	34.38	35.37
27	31.03	31.11	31.01	30.99	30.82	---	31.36	31.94	32.75	33.89	34.40	35.38
28	31.05	31.10	31.02	30.99	30.82	---	31.36	31.98	32.78	33.93	34.41	35.39
29	31.06	31.09	31.02	30.99	---	---	31.36	32.02	32.81	33.96	34.43	35.39
30	31.07	31.08	31.03	30.99	---	---	31.36	32.06	32.84	33.99	34.45	35.39
31	31.09	---	31.03	30.98	---	---	---	32.11	---	34.01	34.48	---
MEAN	30.90	31.15	30.98	31.01	30.91	---	---	31.57	32.49	33.40	34.22	35.02
MAX	31.09	31.19	31.07	31.04	30.99	---	---	32.11	32.84	34.01	34.48	35.39
MIN	30.79	31.08	30.91	30.98	30.82	---	---	31.34	32.15	32.86	34.03	34.51



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS FLORENCE COUNTY

WELL NUMBER.--341144079345001. Local number, FLO-128.

LOCATION.--Lat 34°11'44", long 79°34'50", Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site 430 ft from State Hwy. 76. Owner: E. I. DuPont, de Nemours Co.

AQUIFER.--Middendorf and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 695 ft cased to 690 ft, screened intervals 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 96 ft above sea level. Measuring point: Top of casing, 2.60 ft above land-surface datum.

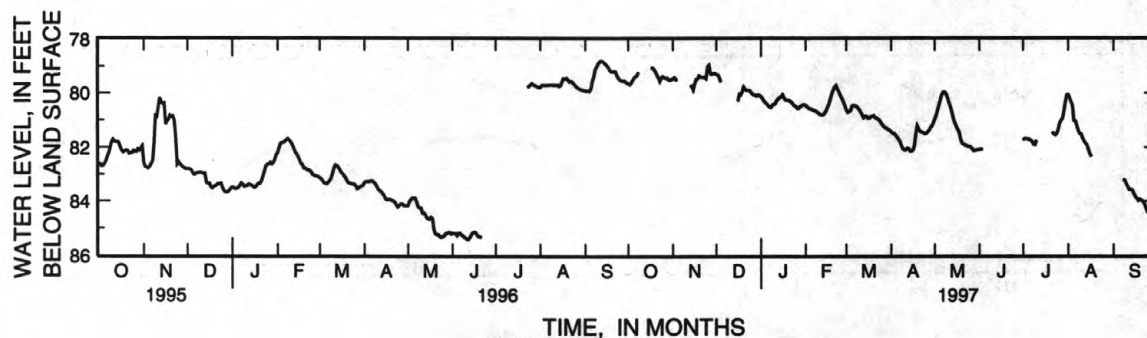
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

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, 26, 1993.

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	79.65	79.46	79.30	80.14	80.45	80.60	81.43	80.97	82.08	81.73	80.06	---
2	79.68	79.42	79.33	80.20	80.51	80.71	81.47	80.86	82.08	81.68	80.18	---
3	79.63	79.51	79.41	80.30	80.55	80.69	81.50	80.64	82.08	81.69	80.33	---
4	79.53	79.50	79.58	80.35	80.58	80.65	81.54	80.46	---	81.69	80.46	---
5	79.43	---	---	80.40	80.59	80.49	81.62	80.26	---	81.72	81.02	---
6	79.39	---	---	80.47	80.63	80.45	81.70	80.07	---	81.73	81.03	---
7	79.35	---	---	80.52	80.64	80.47	81.78	79.97	---	81.80	81.19	---
8	79.24	---	---	80.53	80.67	80.48	81.94	79.97	---	81.89	81.39	83.19
9	---	---	---	80.44	80.71	80.54	82.05	80.04	---	81.90	81.50	83.26
10	---	---	---	80.42	80.74	80.62	82.11	80.19	---	81.76	81.52	83.38
11	---	---	---	80.39	80.80	80.71	82.11	80.37	---	---	81.66	83.50
12	---	---	---	80.27	80.81	80.81	82.03	80.52	---	---	81.78	83.58
13	---	79.75	---	80.22	80.81	80.91	82.05	80.71	---	---	81.85	83.57
14	---	79.73	---	80.16	80.75	80.86	82.15	80.96	---	---	81.92	83.60
15	---	79.88	---	80.15	80.67	80.86	82.15	81.09	---	---	82.09	83.74
16	---	79.67	80.30	80.07	80.54	80.93	82.11	81.24	---	---	82.26	83.84
17	79.05	79.48	80.04	80.17	80.41	80.92	81.96	81.34	---	---	82.34	83.90
18	79.07	79.47	80.07	80.26	80.25	80.87	81.49	81.45	---	---	---	83.98
19	79.12	79.36	79.95	80.27	80.04	80.87	81.21	81.70	---	---	---	83.94
20	79.22	79.40	79.78	80.26	79.91	80.84	81.33	81.86	---	---	---	83.97
21	79.33	79.41	79.87	80.30	79.78	80.91	81.42	81.88	---	81.44	---	84.00
22	79.44	79.41	79.89	80.33	79.72	80.93	81.44	81.91	---	81.51	---	84.09
23	79.55	79.42	79.89	80.39	79.85	80.97	81.45	81.96	---	81.55	---	84.22
24	79.42	79.46	79.90	80.46	79.97	81.00	81.49	81.97	---	81.50	---	84.37
25	79.39	79.00	79.97	80.48	80.10	81.10	81.50	81.97	---	81.34	---	84.33
26	79.42	78.96	80.04	80.55	80.19	81.17	81.45	82.00	---	81.12	---	84.32
27	79.45	79.29	80.06	80.57	80.32	81.24	81.39	82.07	---	81.00	---	84.32
28	79.44	79.30	80.09	80.51	80.45	81.28	81.29	82.13	---	80.95	---	84.20
29	79.51	79.27	80.12	80.47	---	81.30	81.22	82.12	---	80.65	---	84.20
30	79.53	79.27	80.07	80.44	---	81.34	81.13	82.10	---	80.33	---	84.37
31	79.49	---	80.10	80.43	---	81.38	---	82.10	---	80.07	---	---
MEAN	---	---	---	80.35	80.41	80.87	81.65	81.19	---	---	---	---
MAX	---	---	---	80.57	80.81	81.38	82.15	82.13	---	---	---	---
MIN	---	---	---	80.07	79.72	80.45	81.13	79.97	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS GEORGETOWN COUNTY

481

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 punch interval.

DATUM.--Land-surface datum is 22 ft above sea level. Measuring point: Top of casing, 2.10 ft above land-surface datum.

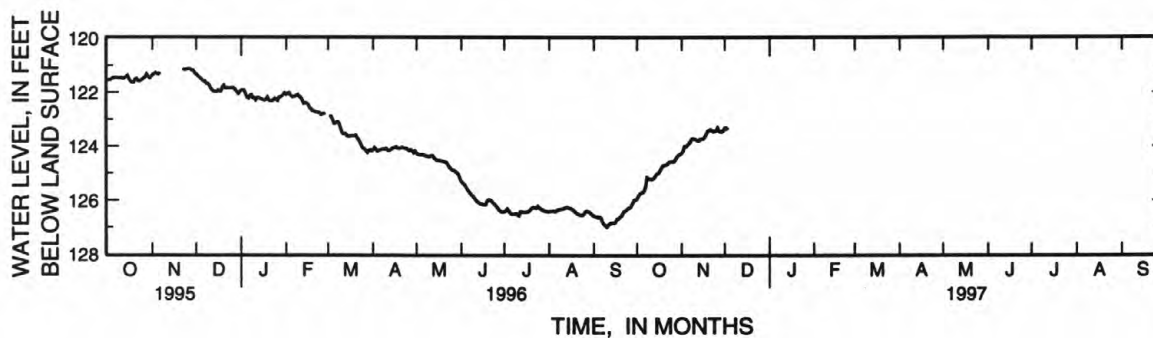
REMARKS.--Driller's log and geophysical logs available in District files.

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, 126.99 ft below land-surface datum, Sept. 10, 1996.

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	125.95	124.27	123.33	---	---	---	---	---	---	---	---	---
2	125.85	124.19	123.33	---	---	---	---	---	---	---	---	---
3	125.76	124.01	123.38	---	---	---	---	---	---	---	---	---
4	125.74	124.02	---	---	---	---	---	---	---	---	---	---
5	125.72	123.96	---	---	---	---	---	---	---	---	---	---
6	125.65	123.91	---	---	---	---	---	---	---	---	---	---
7	125.51	123.85	---	---	---	---	---	---	---	---	---	---
8	125.16	123.73	---	---	---	---	---	---	---	---	---	---
9	125.20	123.72	---	---	---	---	---	---	---	---	---	---
10	125.21	123.74	---	---	---	---	---	---	---	---	---	---
11	125.23	123.75	---	---	---	---	---	---	---	---	---	---
12	125.22	123.80	---	---	---	---	---	---	---	---	---	---
13	125.17	123.80	---	---	---	---	---	---	---	---	---	---
14	125.09	123.73	---	---	---	---	---	---	---	---	---	---
15	125.03	123.73	---	---	---	---	---	---	---	---	---	---
16	124.99	123.72	---	---	---	---	---	---	---	---	---	---
17	124.91	123.66	---	---	---	---	---	---	---	---	---	---
18	124.81	123.56	---	---	---	---	---	---	---	---	---	---
19	124.73	123.45	---	---	---	---	---	---	---	---	---	---
20	124.70	123.41	---	---	---	---	---	---	---	---	---	---
21	124.69	123.39	---	---	---	---	---	---	---	---	---	---
22	124.67	123.41	---	---	---	---	---	---	---	---	---	---
23	124.61	123.46	---	---	---	---	---	---	---	---	---	---
24	124.58	123.45	---	---	---	---	---	---	---	---	---	---
25	124.57	123.41	---	---	---	---	---	---	---	---	---	---
26	124.58	123.33	---	---	---	---	---	---	---	---	---	---
27	124.56	123.45	---	---	---	---	---	---	---	---	---	---
28	124.47	123.47	---	---	---	---	---	---	---	---	---	---
29	124.38	123.46	---	---	---	---	---	---	---	---	---	---
30	124.33	123.42	---	---	---	---	---	---	---	---	---	---
31	124.31	---	---	---	---	---	---	---	---	---	---	---
MEAN	125.01	123.68	123.35	---	---	---	---	---	---	---	---	---
MAX	125.95	124.27	123.38	---	---	---	---	---	---	---	---	---
MIN	124.31	123.33	123.33	---	---	---	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS GREENVILLE COUNTY

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 punch 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.

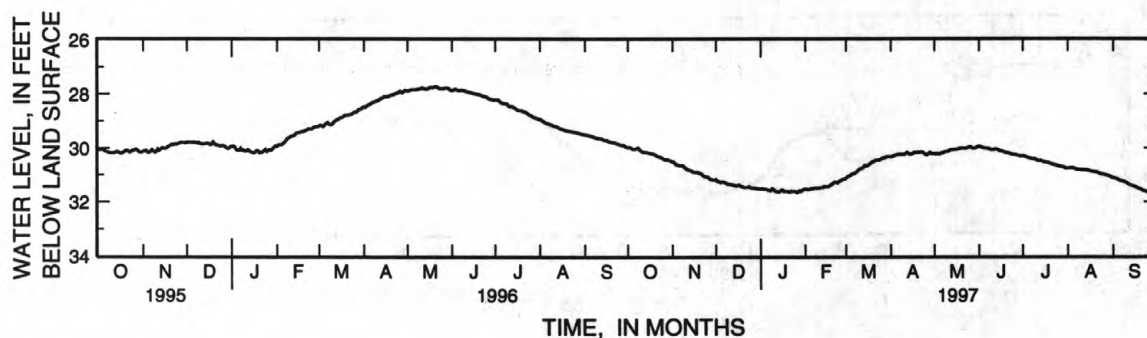
PERIOD OF RECORD.--May 1973 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.98	30.51	31.17	31.53	31.53	31.13	30.33	30.20	29.94	30.30	30.76	31.12
2	29.97	30.54	31.25	31.52	31.54	31.08	30.32	30.23	29.96	30.31	30.75	31.13
3	29.99	30.60	31.25	31.53	31.55	31.04	30.29	30.20	29.98	30.33	30.75	31.14
4	30.03	30.62	31.28	31.54	31.54	31.03	30.28	30.23	30.00	30.35	30.74	31.17
5	30.04	30.64	31.26	31.54	31.51	30.98	30.26	30.22	30.01	30.37	30.75	31.20
6	30.03	30.66	31.27	31.57	31.52	30.96	30.24	30.18	30.01	30.39	30.78	31.22
7	30.01	30.65	31.28	31.58	31.50	30.94	30.24	30.19	30.02	30.41	30.80	31.23
8	29.99	30.65	31.31	31.59	31.48	30.90	30.25	30.15	30.04	30.42	30.81	31.25
9	30.06	30.72	31.35	31.52	31.50	30.86	30.23	30.13	30.06	30.41	30.81	31.27
10	30.11	30.74	31.34	31.55	31.48	30.80	30.25	30.13	30.07	30.44	30.81	31.29
11	30.14	30.79	31.35	31.61	31.48	30.77	30.22	30.12	30.06	30.47	30.82	31.33
12	30.16	30.82	31.37	31.62	31.47	30.76	30.17	30.07	30.04	30.48	30.82	31.36
13	30.16	30.83	31.38	31.63	31.47	30.72	30.20	30.07	30.05	30.47	30.82	31.39
14	30.16	30.85	31.40	31.63	31.43	30.65	30.24	30.07	30.07	30.49	30.82	31.41
15	30.18	30.89	31.41	31.59	31.44	30.67	30.23	30.05	30.11	30.51	30.84	31.43
16	30.19	30.91	31.40	31.56	31.44	30.66	30.20	30.06	30.12	30.53	30.86	31.45
17	30.21	30.91	31.38	31.62	31.43	30.61	30.17	30.04	30.13	30.54	30.87	31.47
18	30.21	30.90	31.42	31.62	31.40	30.57	30.18	30.03	30.15	30.55	30.88	31.50
19	30.24	30.92	31.43	31.62	31.35	30.53	30.16	30.01	30.18	30.56	30.89	31.52
20	30.26	30.95	31.46	31.62	31.33	30.50	30.18	30.00	30.18	30.59	30.89	31.54
21	30.30	30.97	31.47	31.64	31.27	30.47	30.16	30.01	30.19	30.61	30.91	31.58
22	30.31	31.03	31.47	31.61	31.27	30.45	30.15	30.02	30.21	30.62	30.93	31.60
23	30.32	31.05	31.46	31.62	31.30	30.46	30.16	30.01	30.23	30.63	30.96	31.61
24	30.36	31.07	31.44	31.61	31.26	30.46	30.21	29.99	30.25	30.65	30.97	31.63
25	30.39	31.07	31.49	31.61	31.22	30.42	30.25	29.97	30.25	30.67	30.98	31.64
26	30.42	31.11	31.49	31.65	31.19	30.39	30.27	29.96	30.26	30.68	31.00	31.67
27	30.44	31.16	31.49	31.63	31.16	30.38	30.21	30.00	30.28	30.69	31.00	31.69
28	30.42	31.17	31.50	31.59	31.16	30.35	30.17	30.02	30.29	30.70	31.02	31.70
29	30.45	31.19	31.51	31.61	---	30.32	30.22	30.00	30.31	30.72	31.04	31.73
30	30.46	31.19	31.52	31.57	---	30.32	30.22	29.99	30.31	30.75	31.06	31.75
31	30.50	---	31.52	31.54	---	30.32	---	29.95	---	30.76	31.09	---
MEAN	30.21	30.87	31.39	31.59	31.40	30.66	30.22	30.07	30.13	30.53	30.88	31.43
MAX	30.50	31.19	31.52	31.65	31.55	31.13	30.33	30.23	30.31	30.76	31.09	31.75
MIN	29.97	30.51	31.17	31.52	31.16	30.32	30.15	29.95	29.94	30.30	30.74	31.12



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS GREENVILLE COUNTY

483

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 punch interval.

DATUM.--Land-surface datum is 3150 ft above sea level. Measuring point: Top of casing, 0.46 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files.

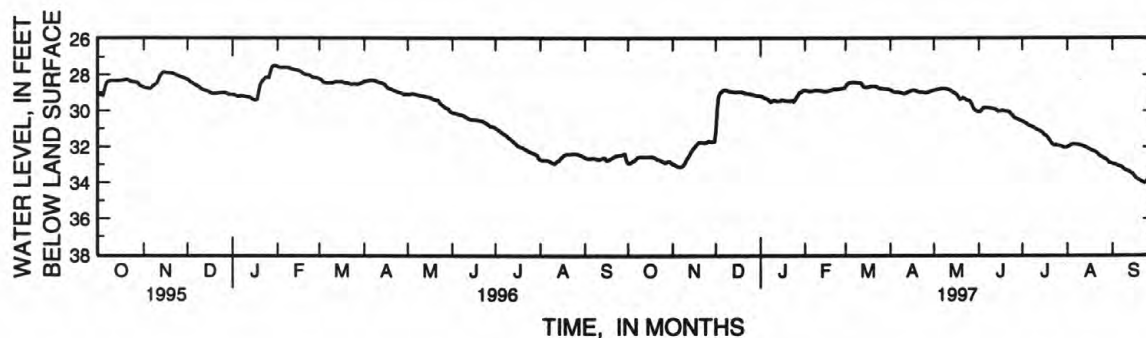
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 26.58 ft below land-surface datum, Aug. 18 - 19, 1994; lowest, 36.05 ft below land-surface datum, Nov. 23, 1994.

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	32.92	32.96	31.16	29.18	28.85	28.64	28.85	28.85	30.06	30.59	32.02	32.94
2	32.93	32.97	29.74	29.19	28.87	28.52	28.88	28.85	30.05	30.63	31.96	32.96
3	32.89	33.04	29.17	29.26	28.90	28.45	28.94	28.82	29.95	30.67	31.92	32.97
4	32.85	33.09	29.01	29.31	28.91	28.43	28.95	28.80	29.85	30.72	31.88	33.02
5	32.79	33.11	28.92	29.32	28.90	28.42	28.96	28.78	29.82	30.80	31.85	33.06
6	32.73	33.12	28.86	29.35	28.90	28.41	28.97	28.75	29.82	30.84	31.85	33.08
7	32.65	33.13	28.83	29.43	28.88	28.42	28.97	28.75	29.83	30.86	31.87	33.12
8	32.58	33.08	28.84	29.51	28.85	28.42	29.00	28.75	29.85	30.88	31.88	33.17
9	32.56	32.99	28.87	29.48	28.86	28.43	29.02	28.76	29.86	30.94	31.89	33.24
10	32.56	32.84	28.91	29.43	28.87	28.43	29.05	28.78	29.88	31.01	31.91	33.30
11	32.56	32.68	28.90	29.44	28.87	28.43	29.06	28.82	29.89	31.05	31.93	33.33
12	32.57	32.56	28.93	29.48	28.88	28.49	29.01	28.84	29.90	31.08	31.96	33.35
13	32.56	32.41	28.94	29.48	28.91	28.65	28.94	28.88	29.95	31.11	32.00	33.40
14	32.56	32.24	28.95	29.48	28.92	28.69	28.93	28.95	30.02	31.17	32.03	33.47
15	32.56	32.14	28.96	29.46	28.92	28.69	28.89	28.99	30.02	31.22	32.07	33.51
16	32.56	32.05	28.95	29.40	28.91	28.69	28.86	29.07	30.00	31.33	32.12	33.63
17	32.55	31.95	28.92	29.44	28.90	28.67	28.85	29.10	29.99	31.37	32.16	33.73
18	32.55	31.85	28.93	29.46	28.88	28.64	28.87	29.26	30.00	31.43	32.20	33.79
19	32.60	31.77	28.94	29.46	28.84	28.63	28.89	29.37	30.01	31.55	32.24	33.84
20	32.64	31.76	28.98	29.46	28.83	28.63	28.93	29.35	30.02	31.66	32.26	33.88
21	32.70	31.77	29.03	29.47	28.81	28.64	28.96	29.28	30.03	31.79	32.32	33.94
22	32.73	31.78	29.05	29.47	28.78	28.65	28.96	29.32	30.08	31.88	32.38	33.99
23	32.73	31.79	29.05	29.45	28.82	28.69	28.97	29.37	30.18	31.92	32.49	34.03
24	32.78	31.78	29.04	29.49	28.81	28.74	28.98	29.42	30.24	31.90	32.54	33.98
25	32.83	31.74	29.07	29.39	28.77	28.76	28.99	29.44	30.35	31.92	32.56	33.87
26	32.88	31.69	29.10	29.25	28.76	28.75	28.99	29.48	30.43	31.93	32.62	33.83
27	32.90	31.72	29.10	29.13	28.74	28.77	28.98	29.63	30.44	31.93	32.67	33.85
28	32.86	31.73	29.13	28.99	28.73	28.79	28.92	29.83	30.47	31.97	32.72	33.82
29	32.84	31.72	29.16	28.98	---	28.79	28.90	29.96	30.53	32.02	32.80	33.78
30	32.84	31.70	29.17	28.89	---	28.81	28.89	30.00	30.57	32.05	32.90	33.72
31	32.92	---	29.17	28.86	---	28.82	---	30.03	---	32.05	32.91	---
MEAN	32.72	32.31	29.09	29.34	28.85	28.61	28.95	29.17	30.07	31.36	32.22	33.52
MAX	32.93	33.13	31.16	29.51	28.92	28.82	29.06	30.03	30.57	32.05	32.91	34.03
MIN	32.55	31.69	28.83	28.86	28.73	28.41	28.85	28.75	29.82	30.59	31.85	32.94



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS HAMPTON COUNTY

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 190 ft, cased to 85.5 ft, open hole from 85.5 to 190 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 45 ft above sea level. Measuring point: Top of casing, 0.70 ft above land-surface datum.

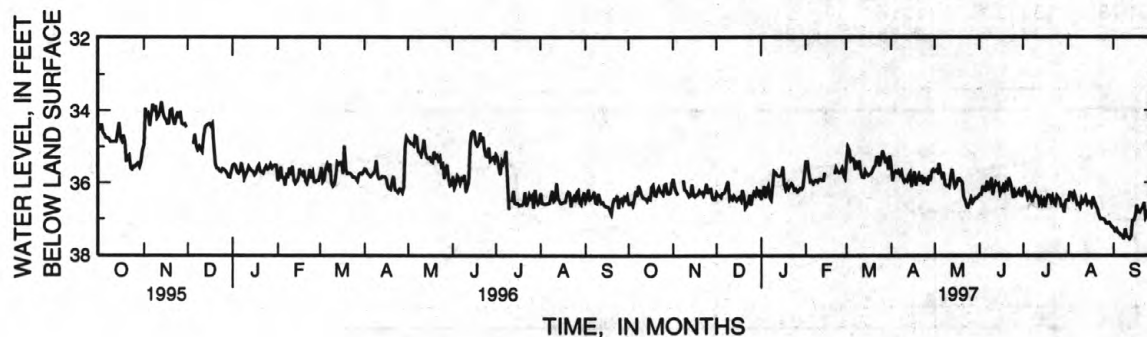
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

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 1996 TO SEPTEMBER 1997

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.60	35.90	36.29	36.47	35.42	35.46	35.55	35.69	36.32	36.16	36.50	37.26
2	36.60	36.13	36.37	36.26	35.42	35.01	35.94	35.65	36.33	36.14	36.29	37.34
3	36.56	36.25	36.36	36.09	35.69	35.09	35.73	35.71	36.12	36.26	36.30	37.29
4	36.64	36.33	36.41	36.42	35.97	35.38	35.68	35.46	36.12	36.44	36.44	37.38
5	36.46	---	36.30	36.16	35.95	35.33	35.73	35.70	36.25	36.31	36.31	37.40
6	36.23	---	36.30	36.08	36.02	35.35	35.67	35.83	35.96	36.40	36.46	37.46
7	36.38	---	36.23	36.41	35.96	35.63	35.78	35.72	36.22	36.55	36.62	37.46
8	36.08	35.93	36.06	36.48	35.93	35.47	35.69	36.05	36.06	36.40	36.59	37.57
9	36.20	36.19	35.97	36.04	35.98	35.55	35.90	36.09	35.88	36.25	36.68	37.29
10	36.34	36.22	36.46	35.68	35.91	35.40	35.98	36.08	36.34	36.39	36.47	37.49
11	36.42	36.30	36.40	35.72	35.90	35.73	35.92	36.12	36.13	36.39	36.57	37.52
12	36.44	36.39	36.47	35.80	35.93	35.85	35.96	35.82	36.00	36.58	36.52	37.57
13	36.45	36.35	36.37	35.82	35.93	35.86	35.80	35.63	36.07	36.46	36.41	37.50
14	36.51	36.05	36.43	35.81	35.73	35.67	35.72	35.95	36.03	36.60	36.59	37.06
15	36.42	36.34	36.49	35.79	---	35.75	36.11	36.13	36.31	36.49	36.53	37.05
16	36.46	36.39	36.42	35.55	---	35.80	35.89	36.07	36.22	36.68	36.55	36.91
17	36.12	36.33	36.40	36.04	---	35.77	35.70	35.90	36.10	36.45	36.64	36.63
18	36.07	36.33	36.49	36.18	---	35.75	36.08	35.89	36.27	36.35	36.41	36.82
19	36.34	36.23	36.21	36.07	---	35.67	35.88	35.95	36.04	36.36	36.56	36.83
20	36.36	36.29	36.39	36.17	---	35.56	35.78	35.99	36.14	36.52	36.65	36.74
21	36.22	36.26	36.70	36.09	35.75	35.52	35.96	36.41	35.88	36.40	36.74	36.70
22	36.12	36.35	36.63	36.02	35.59	35.30	35.80	36.49	36.00	36.59	36.89	36.56
23	36.24	36.24	36.54	36.07	35.69	35.29	36.03	36.67	36.19	36.63	37.01	36.98
24	36.28	36.03	36.34	36.21	35.73	35.53	35.89	36.69	36.43	36.38	37.00	36.89
25	36.33	36.30	36.63	36.17	35.70	35.35	35.91	36.56	36.25	36.43	37.02	36.80
26	36.06	36.18	36.39	36.25	35.60	35.12	36.07	36.43	36.35	36.46	37.04	36.42
27	36.04	36.17	36.27	36.23	35.78	35.25	35.81	36.56	36.30	36.65	37.13	36.35
28	36.30	36.44	36.35	36.16	35.87	35.45	35.94	36.50	36.22	36.63	37.14	36.23
29	36.31	36.48	36.20	36.18	---	35.30	35.68	36.43	36.35	36.82	37.11	36.05
30	36.29	36.47	36.32	36.11	---	35.62	35.64	36.44	36.36	36.51	37.17	36.45
31	36.01	---	36.19	35.74	---	35.26	---	36.39	---	36.49	37.23	---
MEAN	36.32	---	36.37	36.07	---	35.49	35.84	36.10	36.17	36.46	36.70	37.00
MAX	36.64	---	36.70	36.48	---	35.86	36.11	36.69	36.43	36.82	37.23	37.57
MIN	36.01	---	35.97	35.55	---	35.01	35.55	35.46	35.88	36.14	36.29	36.05



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS KERSHAW COUNTY

485

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 punch interval.

DATUM.--Land-surface datum is 470 ft above sea level. Measuring point: Top of casing, 1.45 ft above land-surface datum.

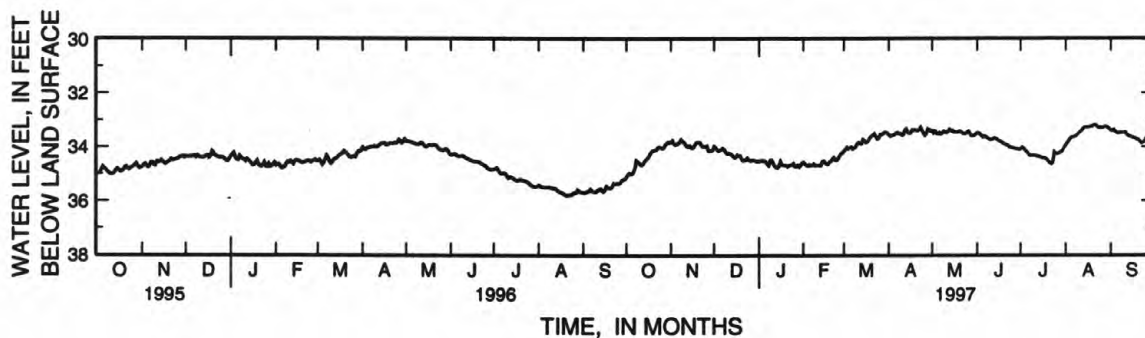
REMARKS.--Geophysical logs available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 30.18 ft below land-surface datum, Mar. 23, 1995; lowest, 36.77 ft below land-surface datum, Jan. 10, 1994.

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	35.13	33.82	33.99	34.55	34.58	34.16	33.56	33.40	33.48	34.08	33.95	33.39
2	35.05	33.77	34.04	34.52	34.65	34.10	33.61	33.49	33.50	34.03	33.87	33.41
3	34.99	33.89	34.11	34.51	34.69	34.03	33.58	33.43	33.53	34.07	33.79	33.37
4	35.03	33.93	34.16	34.54	34.72	34.08	33.56	33.49	33.59	34.13	33.70	33.43
5	35.02	33.91	34.13	34.52	34.67	34.04	33.55	33.53	33.64	34.19	33.64	33.48
6	34.94	33.90	34.10	34.59	34.71	34.02	33.50	33.48	33.61	34.25	33.64	33.50
7	34.80	33.84	34.06	34.65	34.70	34.09	33.47	33.53	33.63	34.32	33.63	33.48
8	34.51	33.73	34.10	34.71	34.64	34.05	33.52	33.50	33.68	34.34	33.60	33.47
9	34.55	33.78	34.21	34.51	34.71	34.02	33.51	33.43	33.71	34.32	33.55	33.48
10	34.61	33.83	34.26	34.50	34.70	33.90	33.57	33.46	33.74	34.32	33.49	33.48
11	34.68	33.91	34.24	34.62	34.70	33.85	33.55	33.48	33.73	34.32	33.44	33.47
12	34.68	33.99	34.26	34.73	34.70	33.90	33.38	33.42	33.70	34.36	33.40	33.54
13	34.61	34.01	34.29	34.78	34.71	33.90	33.34	33.36	33.68	34.35	33.33	33.59
14	34.52	33.97	34.35	34.79	34.55	33.73	33.47	33.41	33.70	34.37	33.28	33.62
15	34.47	34.04	34.41	34.73	34.53	33.77	33.50	33.39	33.75	34.40	33.27	33.63
16	34.41	34.05	34.38	34.56	34.61	33.85	33.49	33.46	33.79	34.42	33.28	33.66
17	34.33	34.00	34.31	34.67	34.66	33.83	33.38	33.45	33.80	34.41	33.27	33.67
18	34.22	33.90	34.34	34.69	34.66	33.76	33.39	33.46	33.84	34.43	33.25	33.70
19	34.17	33.83	34.33	34.70	34.57	33.66	33.37	33.45	33.88	34.48	33.25	33.73
20	34.14	33.84	34.46	34.69	34.54	33.60	33.40	33.42	33.92	34.55	33.21	33.74
21	34.14	33.84	34.52	34.75	34.45	33.57	33.40	33.45	33.94	34.61	33.19	33.81
22	34.11	33.93	34.51	34.71	34.40	33.52	33.37	33.50	33.95	34.64	33.21	33.87
23	34.03	34.00	34.49	34.68	34.50	33.63	33.28	33.52	34.00	34.59	33.27	33.84
24	34.02	34.01	34.42	34.68	34.50	33.71	33.39	33.51	34.04	34.20	33.29	33.82
25	34.04	33.99	34.50	34.63	34.43	33.69	33.51	33.46	34.04	34.26	33.28	33.71
26	34.07	33.97	34.52	34.75	34.34	33.54	33.58	33.43	34.05	34.27	33.29	33.75
27	34.05	34.15	34.50	34.76	34.25	33.55	33.51	33.52	34.08	34.25	33.28	33.79
28	33.94	34.17	34.51	34.69	34.24	33.51	33.34	33.60	34.08	34.22	33.25	33.72
29	33.89	34.16	34.51	34.76	---	33.46	33.37	33.60	34.09	34.19	33.26	33.75
30	33.83	34.12	34.55	34.68	---	33.47	33.42	33.58	34.11	34.12	33.29	33.81
31	33.86	---	34.53	34.61	---	33.49	---	33.53	---	34.02	33.34	---
MEAN	34.41	33.94	34.33	34.65	34.58	33.79	33.46	33.48	33.81	34.31	33.41	33.62
MAX	35.13	34.17	34.55	34.79	34.72	34.16	33.61	33.60	34.11	34.64	33.95	33.87
MIN	33.83	33.73	33.99	34.50	34.24	33.46	33.28	33.36	33.48	34.02	33.19	33.37



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS LAURENS COUNTY

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.

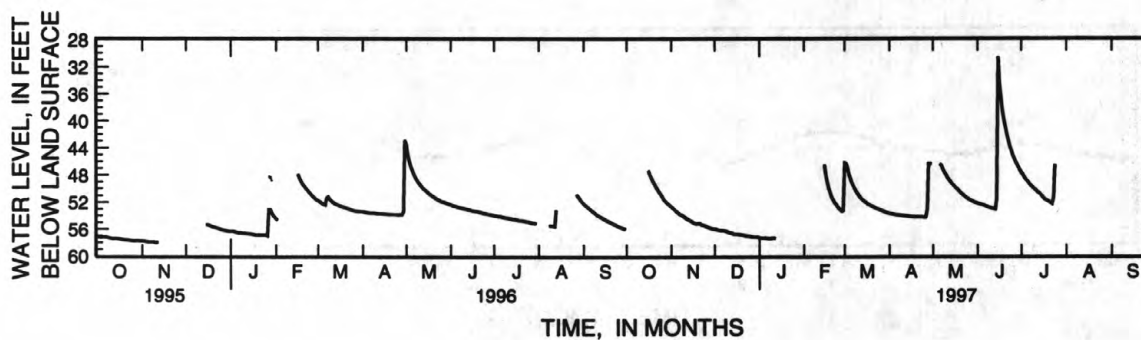
REMARKS.--Geophysical logs available in District files.

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 DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARION COUNTY

487

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 punch 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 U.S. Geological Survey District files.

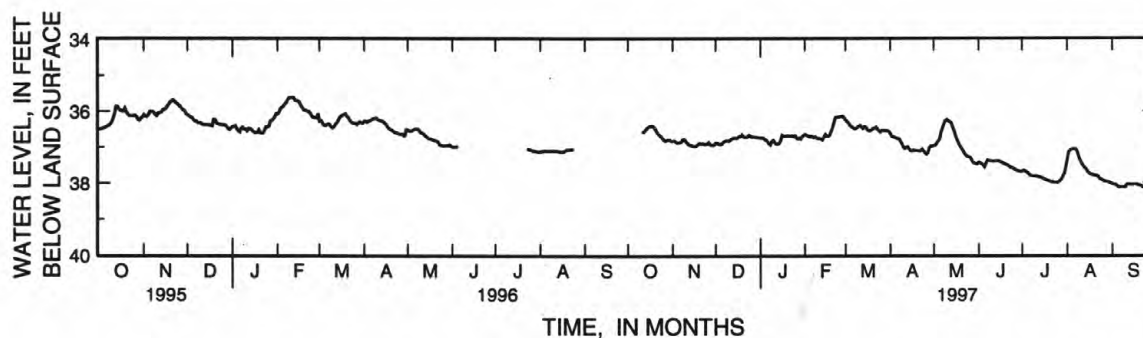
PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 38.13 ft below land-surface datum, Sept. 22, 1997.

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	---	36.85	36.89	36.75	36.65	36.25	36.64	36.97	37.44	37.69	37.36	38.03
2	---	36.83	36.89	36.75	36.67	36.29	36.71	36.97	37.45	37.66	37.16	38.05
3	---	36.86	36.93	36.75	36.69	36.33	36.72	36.91	37.48	37.68	37.11	38.05
4	---	36.89	36.94	36.79	36.72	36.40	36.73	36.84	37.51	37.71	37.08	38.07
5	---	36.89	36.93	36.81	36.70	36.44	36.76	36.79	37.56	37.74	37.07	38.11
6	---	36.88	36.88	36.86	36.72	36.45	36.77	36.60	37.46	37.78	37.07	38.12
7	---	36.87	36.85	36.91	36.74	36.49	36.78	36.47	37.38	37.81	37.08	38.12
8	---	36.80	36.83	36.95	36.72	36.49	36.86	36.35	37.39	37.82	37.16	38.12
9	---	36.79	36.83	36.85	36.76	36.46	36.92	36.26	37.40	37.82	37.30	38.12
10	---	36.84	36.84	36.82	36.77	36.42	37.02	36.24	37.41	37.82	37.40	38.12
11	36.57	36.88	36.81	36.88	36.77	36.40	37.05	36.28	37.41	37.82	37.47	38.05
12	36.58	36.94	36.78	36.92	36.78	36.44	37.02	36.30	37.41	37.84	37.54	38.04
13	36.54	36.96	36.76	36.92	36.80	36.48	37.00	36.33	37.40	37.84	37.59	38.05
14	36.49	36.96	36.75	36.90	36.73	36.43	37.08	36.46	37.40	37.85	37.63	38.06
15	36.45	36.98	36.76	36.83	36.65	36.45	37.11	36.54	37.41	37.87	37.69	38.05
16	36.42	36.99	36.76	36.67	36.70	36.52	37.12	36.70	37.43	37.90	37.74	38.04
17	36.41	36.99	36.71	36.70	36.70	36.55	37.10	36.79	37.44	37.92	37.76	38.04
18	36.41	36.96	36.71	36.70	36.67	36.55	37.11	36.90	37.47	37.93	37.77	38.05
19	36.44	36.92	36.66	36.70	36.56	36.52	37.11	36.98	37.49	37.94	37.79	38.07
20	36.50	36.91	36.71	36.68	36.47	36.49	37.11	37.04	37.51	37.96	37.80	38.07
21	36.57	36.92	36.73	36.70	36.31	36.47	37.12	37.11	37.52	37.98	37.80	38.09
22	36.64	36.91	36.73	36.70	36.18	36.45	37.12	37.18	37.55	37.98	37.82	38.13
23	36.67	36.94	36.72	36.68	36.17	36.50	37.08	37.24	37.58	37.99	37.87	38.13
24	36.71	36.94	36.67	36.71	36.17	36.55	37.12	37.28	37.59	37.99	37.90	38.12
25	36.76	36.92	36.70	36.69	36.15	36.58	37.18	37.29	37.61	37.99	37.92	38.02
26	36.81	36.88	36.73	36.75	36.15	36.54	37.21	37.30	37.64	37.98	37.94	37.99
27	36.84	36.94	36.72	36.78	36.14	36.54	37.17	37.37	37.66	37.94	37.96	37.96
28	36.82	36.96	36.73	36.75	36.19	36.55	37.03	37.44	37.68	37.90	37.96	37.87
29	36.81	36.96	36.73	36.78	---	36.54	36.98	37.46	37.68	37.83	37.97	37.84
30	36.81	36.95	36.74	36.71	---	36.55	36.99	37.48	37.69	37.75	37.99	37.85
31	36.84	---	36.74	36.67	---	36.57	---	37.48	---	37.59	38.01	---
MEAN	---	36.91	36.78	36.78	36.55	36.47	36.99	36.88	37.50	37.85	37.60	38.05
MAX	---	36.99	36.94	36.95	36.80	36.58	37.21	37.48	37.69	37.99	38.01	38.13
MIN	---	36.79	36.66	36.67	36.14	36.25	36.64	36.24	37.38	37.59	37.07	37.84



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARLBORO COUNTY

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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 95 ft above sea level. Measuring point: Top of casing, 0.50 ft above land-surface datum.

REMARKS.--1957 water-quality data on file in District office.

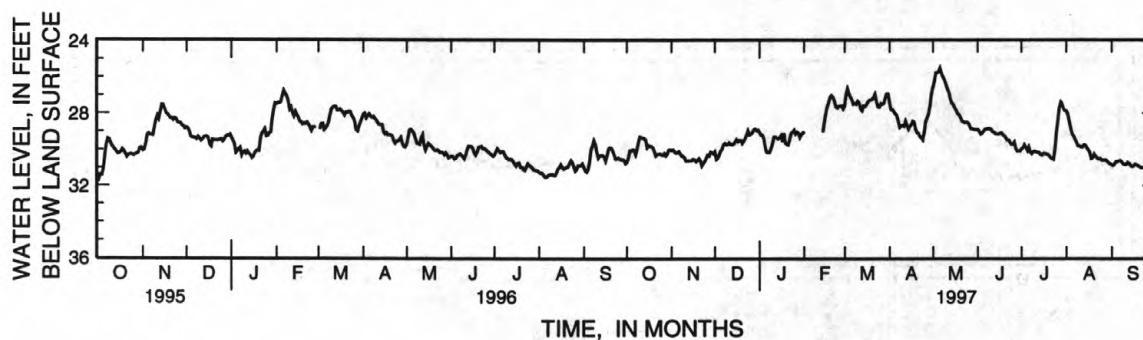
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 33.77 ft below land-surface datum, Nov. 9, 1986.

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	30.70	30.06	30.14	29.08	29.05	27.60	27.41	26.57	28.91	29.97	27.89	30.87
2	30.47	30.03	30.55	29.22	---	26.96	27.80	26.28	29.02	29.91	28.08	30.89
3	30.08	30.12	30.50	29.23	---	26.66	27.81	25.78	29.16	29.76	28.49	30.80
4	30.09	30.22	30.31	29.40	---	26.94	27.91	25.78	29.10	29.91	28.88	30.69
5	30.02	30.19	30.09	29.89	---	27.10	28.04	25.71	28.99	30.07	29.17	30.68
6	30.04	30.12	29.99	30.14	---	27.26	28.12	25.53	28.89	29.89	29.29	30.66
7	30.28	30.24	29.76	30.18	---	27.50	28.44	25.84	28.88	30.15	29.46	30.64
8	30.00	30.37	29.67	30.18	---	27.47	28.79	26.02	28.85	30.24	29.65	30.71
9	29.61	30.39	29.74	29.97	---	27.50	28.72	26.16	28.85	30.12	29.82	30.82
10	29.33	30.47	29.73	29.73	---	27.35	28.68	26.42	28.90	30.10	29.80	30.84
11	29.37	30.66	29.64	29.34	---	27.43	28.74	26.65	29.03	30.14	29.88	30.84
12	29.39	30.66	29.73	29.33	---	27.75	28.46	26.86	29.05	30.16	29.88	30.73
13	29.41	30.62	29.74	29.39	---	27.86	28.67	27.19	29.15	30.18	29.76	30.78
14	29.47	30.62	29.71	29.43	29.04	27.59	28.89	27.45	29.16	30.28	29.78	30.89
15	29.90	30.64	29.60	29.37	28.48	27.63	28.74	27.50	29.17	30.33	29.93	30.94
16	29.79	30.56	29.47	29.25	28.04	27.53	28.64	27.70	29.13	30.23	30.04	30.92
17	29.84	30.60	29.58	29.58	27.62	27.38	28.46	27.83	29.10	30.23	30.15	30.84
18	29.83	30.68	29.51	29.12	27.44	27.30	28.50	28.03	29.19	30.27	30.51	30.86
19	29.91	30.61	29.51	29.66	27.10	27.26	28.88	28.09	29.25	30.28	30.47	30.91
20	30.10	30.53	29.66	29.72	27.04	27.24	29.08	28.23	29.35	30.37	30.27	30.94
21	30.36	30.64	29.55	29.75	27.14	27.13	29.11	28.43	29.49	30.47	30.39	31.02
22	30.29	30.90	29.41	29.45	27.32	26.97	29.30	28.48	29.48	30.52	30.48	31.01
23	30.26	30.76	29.22	29.12	27.67	27.36	29.37	28.52	29.61	30.55	30.54	30.99
24	30.25	30.67	28.98	29.05	27.71	27.64	29.47	28.50	29.73	29.92	30.51	31.01
25	30.29	30.50	29.21	28.95	27.60	27.67	29.01	28.52	29.72	29.08	30.58	30.88
26	30.33	30.33	29.17	29.15	27.62	27.47	28.47	28.64	29.61	28.36	30.61	30.80
27	30.23	30.38	29.08	29.05	27.58	27.51	28.26	28.85	29.95	27.72	30.60	30.74
28	30.36	30.16	28.92	29.11	27.75	27.46	28.06	28.86	30.09	27.40	30.60	30.73
29	30.28	30.19	28.89	29.34	---	27.18	27.57	28.90	30.09	27.50	30.67	30.92
30	30.04	30.25	28.97	29.19	---	26.93	26.98	28.91	30.09	27.78	30.76	31.00
31	30.03	---	28.94	29.10	---	26.93	---	28.92	---	27.87	30.79	---
MEAN	30.01	30.44	29.58	29.43	27.76	27.34	28.48	27.46	29.30	29.67	29.93	30.84
MAX	30.70	30.90	30.55	30.18	29.05	27.86	29.47	28.92	30.09	30.55	30.79	31.02
MIN	29.33	30.03	28.89	28.95	27.04	26.66	26.98	25.53	28.85	27.40	27.89	30.64



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARLBORO COUNTY

489

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.--Middenfor 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 punch 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.

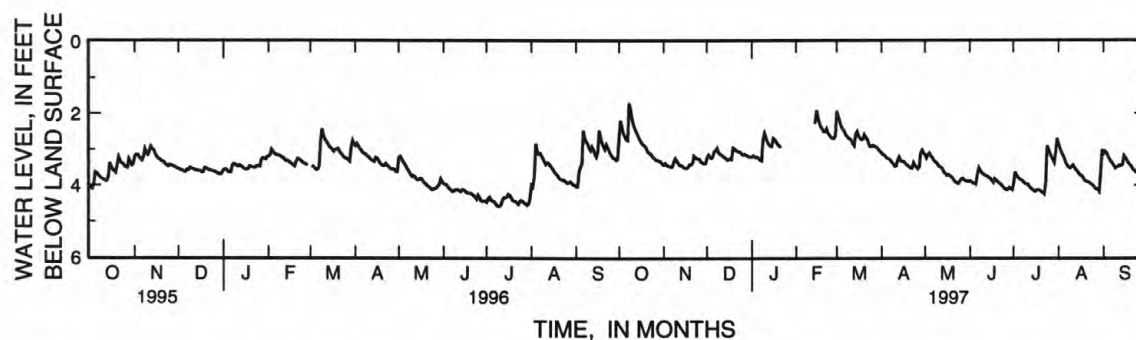
PERIOD OF RECORD.--January 1972 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.65	3.43	3.24	3.21	---	1.94	3.11	3.16	3.88	3.96	2.84	3.12
2	2.20	3.39	3.16	3.18	---	2.09	3.16	3.24	3.91	3.63	2.97	3.06
3	2.37	3.44	3.20	3.20	---	2.21	3.17	3.15	3.94	3.72	3.09	3.10
4	2.56	3.46	3.24	3.23	---	2.37	3.22	3.11	3.94	3.78	3.17	3.20
5	2.66	3.47	3.21	3.22	---	2.43	3.26	3.19	3.97	3.83	3.26	3.28
6	2.73	3.49	3.06	3.27	---	2.48	3.27	3.23	3.71	3.84	3.38	3.34
7	2.75	3.48	3.04	3.30	---	2.59	3.31	3.31	3.52	3.88	3.45	3.40
8	1.72	3.34	2.97	3.32	---	2.64	3.37	3.35	3.59	3.92	3.50	3.45
9	1.87	3.26	3.09	2.72	---	2.69	3.41	3.38	3.65	3.95	3.52	3.52
10	2.13	3.32	3.13	2.56	---	2.71	3.47	3.44	3.69	3.97	3.48	3.49
11	2.32	3.38	3.16	2.69	---	2.75	3.46	3.49	3.71	3.98	3.44	3.48
12	2.43	3.44	3.19	2.80	---	2.85	3.29	3.50	3.74	4.04	3.51	3.44
13	2.53	3.45	3.22	2.87	---	2.90	3.22	3.54	3.75	4.08	3.56	3.45
14	2.60	3.46	3.26	2.91	2.28	2.58	3.33	3.64	3.79	4.11	3.61	3.43
15	2.71	3.51	3.30	2.92	1.92	2.51	3.34	3.67	3.81	4.15	3.67	3.19
16	2.78	3.52	3.28	2.70	2.10	2.63	3.34	3.72	3.87	4.17	3.72	3.25
17	2.84	3.52	3.26	2.73	2.27	2.70	3.38	3.70	3.92	4.12	3.73	3.32
18	2.88	3.49	3.28	2.79	2.38	2.74	3.43	3.73	3.82	4.12	3.79	3.39
19	2.91	3.42	2.96	2.86	2.43	2.72	3.45	3.76	3.86	4.14	3.87	3.43
20	2.98	3.42	2.98	2.89	2.51	2.60	3.49	3.79	3.91	4.18	3.89	3.48
21	3.07	3.38	3.03	2.95	2.52	2.67	3.52	3.87	3.94	4.20	3.91	3.55
22	3.10	3.19	3.05	---	2.43	2.72	3.53	3.91	3.97	4.24	3.92	3.59
23	3.13	3.23	3.07	---	2.56	2.85	3.38	3.94	4.01	3.98	3.95	3.63
24	3.19	3.26	3.07	---	2.62	2.92	3.45	3.95	4.06	2.91	3.98	3.65
25	3.23	3.27	3.13	---	2.67	2.93	3.50	3.89	4.09	3.00	4.01	3.43
26	3.28	3.28	3.16	---	2.70	2.89	3.54	3.82	4.13	3.11	4.07	3.41
27	3.30	3.36	3.14	---	2.70	2.92	3.49	3.81	4.11	3.21	4.10	3.43
28	3.30	3.38	3.17	---	2.62	2.94	3.11	3.86	4.06	3.29	4.11	3.38
29	3.33	3.39	3.18	---	---	2.96	3.03	3.87	4.09	3.37	4.17	3.39
30	3.35	3.39	3.21	---	---	3.03	3.10	3.89	4.12	3.06	3.67	3.48
31	3.41	---	3.21	---	---	3.06	---	3.90	---	2.71	3.02	---
MEAN	2.78	3.39	3.15	2.97	2.45	2.68	3.34	3.61	3.89	3.76	3.62	3.39
MAX	3.41	3.52	3.30	3.32	2.70	3.06	3.54	3.95	4.13	4.24	4.17	3.65
MIN	1.72	3.19	2.96	2.56	1.92	1.94	3.03	3.11	3.52	2.71	2.84	3.06



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS McCORMICK COUNTY

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 punch 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.

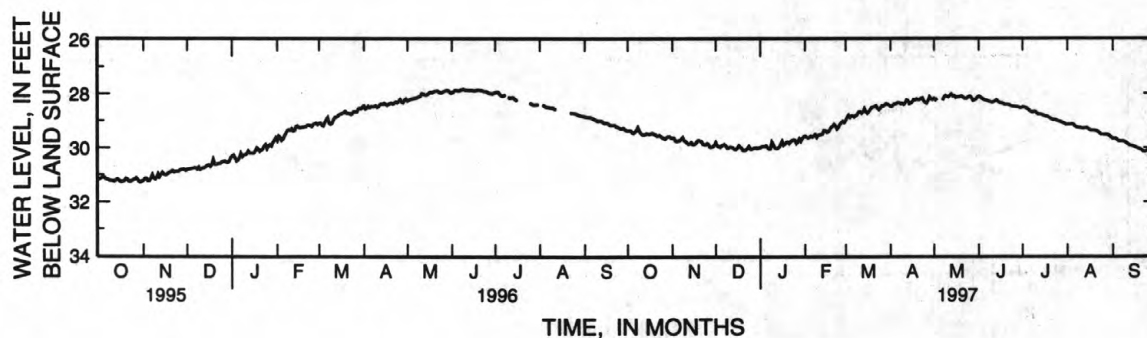
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 27.84 ft below land-surface datum, June 9, 1996; lowest, 33.13 ft below land-surface datum, Jan. 9, 16, 1994.

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	29.38	29.64	29.81	30.01	29.58	29.01	28.48	28.19	28.11	28.50	29.16	29.67
2	29.37	29.65	29.93	29.97	29.62	28.89	28.49	28.24	28.14	28.51	29.15	29.68
3	29.37	29.75	29.96	29.96	29.64	28.81	28.42	28.20	28.18	28.53	29.15	29.66
4	29.44	29.76	29.99	29.97	29.62	28.89	28.39	---	28.22	28.57	29.14	29.71
5	29.46	29.75	29.93	29.93	29.58	28.83	28.38	---	28.25	28.61	29.15	29.76
6	29.43	29.74	29.91	30.01	29.61	28.84	28.34	---	28.25	28.65	29.22	29.77
7	29.36	29.69	29.88	30.05	29.57	28.88	28.34	28.25	28.28	28.69	29.25	29.77
8	29.26	29.63	29.94	30.05	29.52	28.82	28.39	28.13	28.30	28.70	29.27	29.77
9	29.39	29.74	30.02	29.80	29.62	28.78	28.36	28.08	28.32	28.67	29.27	29.78
10	29.46	29.76	30.02	29.88	29.55	28.69	28.41	28.12	28.33	28.69	29.28	29.81
11	29.52	29.82	29.98	30.01	29.54	28.68	28.36	28.13	28.32	28.75	29.30	29.86
12	29.53	29.87	29.99	30.04	29.51	28.74	28.25	28.07	28.29	28.78	29.31	29.90
13	29.51	29.86	30.01	30.03	29.50	28.69	28.27	28.03	28.25	28.77	29.29	29.93
14	29.48	29.81	30.06	29.99	29.37	28.57	28.38	28.10	28.30	28.78	29.28	29.94
15	29.49	29.88	30.07	29.88	29.38	28.68	28.37	28.08	28.34	28.81	29.31	29.95
16	29.50	29.88	30.01	29.77	29.44	28.74	28.32	28.15	28.36	28.84	29.35	29.98
17	29.49	29.85	29.93	29.91	29.42	28.68	28.23	28.13	28.36	28.85	29.37	30.00
18	29.46	29.77	29.99	29.87	29.36	28.60	28.25	28.13	28.39	28.86	29.37	30.03
19	29.49	29.73	30.03	29.81	29.26	28.52	28.21	28.12	28.42	28.89	29.38	30.05
20	29.51	29.76	30.11	29.80	29.23	28.51	28.24	28.10	28.42	28.93	29.38	30.07
21	29.56	29.76	30.11	29.85	29.15	28.48	28.23	28.14	28.42	28.96	29.39	30.10
22	29.56	29.87	30.08	29.77	29.19	28.46	28.19	28.18	28.44	28.98	29.43	30.16
23	29.55	29.90	30.03	29.75	29.32	28.56	28.17	28.19	28.47	28.97	29.48	30.15
24	29.59	29.90	29.96	29.71	29.26	28.61	28.29	28.17	28.49	28.99	29.51	30.14
25	29.62	29.85	30.06	29.73	29.16	28.55	28.35	28.12	28.49	29.02	29.51	30.10
26	29.66	29.88	30.06	29.84	29.08	28.46	28.37	28.11	28.49	29.03	29.52	30.15
27	29.68	29.99	30.03	29.78	29.04	28.48	28.26	28.18	28.50	29.05	29.52	30.17
28	29.61	29.99	30.02	29.68	29.08	28.43	28.13	28.26	28.50	29.07	29.52	30.16
29	29.59	29.96	30.01	29.76	---	28.39	28.21	28.23	28.53	29.09	29.54	30.20
30	29.59	29.91	30.04	29.67	---	28.41	28.23	28.21	28.54	29.12	29.58	30.23
31	29.65	---	30.00	29.60	---	28.44	---	28.15	---	29.16	29.63	---
MEAN	29.50	29.81	30.00	29.87	29.40	28.65	28.31	---	28.36	28.83	29.36	29.95
MAX	29.68	29.99	30.11	30.05	29.64	29.01	28.49	---	28.54	29.16	29.63	30.23
MIN	29.26	29.63	29.81	29.60	29.04	28.39	28.13	---	28.11	28.50	29.14	29.66



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS OCONEE COUNTY

491

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 punch 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.

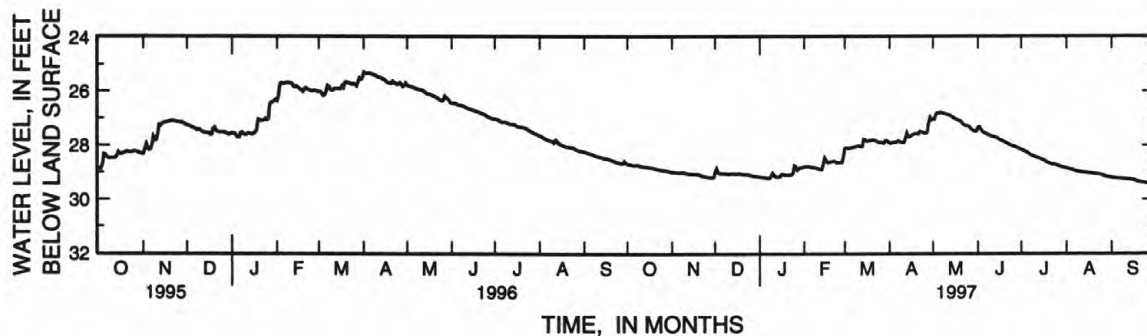
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 25.30 ft below land-surface datum, Apr. 1, 1996; lowest, 29.43 ft below land-surface datum, Sept. 30, 1997.

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	28.71	29.00	29.00	29.18	28.80	28.13	27.92	27.04	27.35	28.17	28.86	29.20
2	28.72	29.00	28.88	29.18	28.80	28.11	27.93	27.06	27.33	28.20	28.87	29.21
3	28.72	29.01	29.01	29.19	28.81	28.13	27.91	26.86	27.42	28.22	28.89	29.22
4	28.74	29.02	29.04	29.20	28.81	28.13	27.90	26.81	27.50	28.25	28.90	29.22
5	28.75	29.02	29.05	29.20	28.81	28.10	27.91	26.83	27.54	28.28	28.91	29.23
6	28.75	29.03	29.05	29.21	28.83	28.09	27.88	26.79	27.56	28.32	28.94	29.23
7	28.75	29.03	29.05	29.21	28.84	28.09	27.85	26.82	27.59	28.36	28.95	29.23
8	28.74	29.01	29.05	29.22	28.84	28.06	27.89	26.82	27.62	28.39	28.97	29.24
9	28.76	29.01	29.06	29.14	28.86	28.05	27.90	26.83	27.65	28.40	28.98	29.24
10	28.78	29.03	29.06	29.04	28.87	28.03	27.92	26.87	27.67	28.42	28.99	29.25
11	28.80	29.04	29.06	29.12	28.89	28.03	27.92	26.89	27.69	28.45	29.00	29.25
12	28.81	29.05	29.06	29.17	28.91	28.05	27.75	26.89	27.69	28.47	29.01	29.26
13	28.81	29.06	29.05	29.18	28.91	28.05	27.56	26.91	27.71	28.48	29.01	29.27
14	28.82	29.06	29.06	29.18	28.74	27.79	27.70	26.96	27.73	28.51	29.02	29.27
15	28.83	29.07	29.06	29.17	28.49	27.80	27.69	26.99	27.77	28.53	29.03	29.28
16	28.83	29.07	29.06	29.09	28.57	27.86	27.66	27.04	27.81	28.56	29.03	29.29
17	28.84	29.08	29.05	29.08	28.65	27.86	27.61	27.05	27.82	28.59	29.04	29.30
18	28.84	29.08	29.06	29.10	28.65	27.84	27.60	27.07	27.85	28.62	29.04	29.33
19	28.86	29.08	29.07	29.11	28.63	27.82	27.58	27.09	27.88	28.65	29.05	29.35
20	28.87	29.10	29.08	29.11	28.62	27.82	27.58	27.12	27.91	28.67	29.05	29.36
21	28.89	29.11	29.09	29.11	28.60	27.82	27.60	27.18	27.93	28.70	29.06	29.37
22	28.90	29.15	29.09	29.10	28.61	27.83	27.49	27.24	27.96	28.72	29.07	29.38
23	28.90	29.16	29.09	29.09	28.65	27.86	27.51	27.27	27.99	28.73	29.08	29.38
24	28.92	29.16	29.09	29.05	28.66	27.90	27.53	27.30	28.03	28.72	29.09	29.39
25	28.93	29.17	29.11	28.77	28.65	27.91	27.57	27.30	28.04	28.74	29.09	29.39
26	28.95	29.18	29.13	28.80	28.65	27.90	27.57	27.33	28.05	28.76	29.11	29.41
27	28.95	29.19	29.14	28.92	28.65	27.92	27.53	27.40	28.07	28.78	29.14	29.42
28	28.95	29.19	29.14	28.87	28.43	27.93	27.20	27.45	28.09	28.80	29.16	29.42
29	28.97	29.19	29.15	28.84	---	27.85	26.99	27.47	28.12	28.82	29.17	29.42
30	28.98	29.19	29.16	28.85	---	27.85	27.08	27.50	28.17	28.83	29.18	29.43
31	28.99	---	29.17	28.82	---	27.89	---	27.49	---	28.85	29.19	---
MEAN	28.84	29.08	29.07	29.07	28.72	27.95	27.66	27.09	27.78	28.55	29.03	29.31
MAX	28.99	29.19	29.17	29.22	28.91	28.13	27.93	27.50	28.17	28.85	29.19	29.43
MIN	28.71	29.00	28.88	28.77	28.43	27.79	26.99	26.79	27.33	28.17	28.86	29.20



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS RICHLAND COUNTY

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.

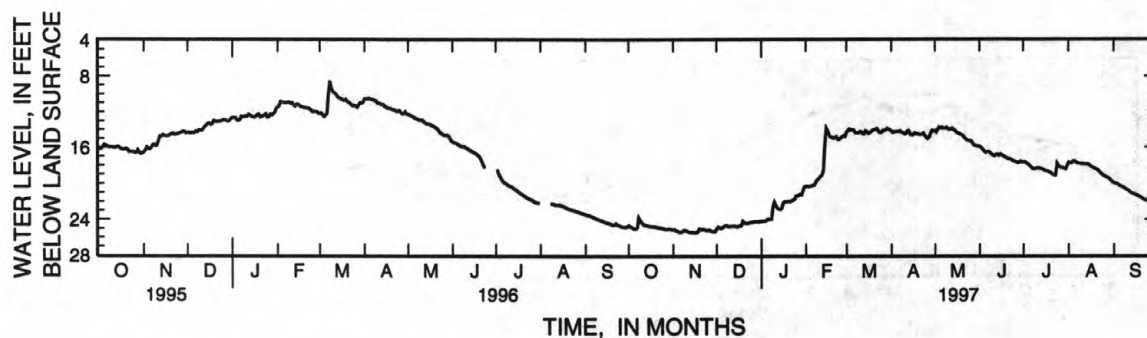
PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.

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 1996 TO SEPTEMBER 1997

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.68	25.14	25.03	24.22	20.29	14.33	14.21	14.14	15.92	17.66	17.70	19.95
2	24.77	25.13	24.83	24.20	20.33	14.12	14.34	14.30	16.06	17.64	17.74	20.02
3	24.85	25.25	24.91	24.16	20.34	13.97	14.27	14.00	16.24	17.75	17.75	20.02
4	24.97	25.30	24.98	24.16	20.34	14.10	14.25	13.78	16.43	17.87	17.56	20.12
5	25.02	25.38	24.92	24.02	20.21	14.05	14.26	13.87	16.59	18.03	17.56	20.25
6	25.02	25.41	24.73	23.94	20.21	14.07	14.22	13.78	16.48	18.18	17.67	20.34
7	24.89	25.38	24.72	23.94	20.12	14.36	14.17	13.89	16.47	18.33	17.75	20.41
8	23.79	25.21	24.67	23.94	19.77	14.39	14.35	13.88	16.64	18.43	17.80	20.50
9	24.12	25.16	24.76	22.59	19.59	14.41	14.35	13.80	16.77	18.45	17.82	20.63
10	24.31	25.27	24.78	22.09	19.43	14.27	14.51	13.92	16.89	18.36	17.84	20.72
11	24.48	25.34	24.73	22.48	19.22	14.26	14.48	14.03	16.96	18.30	17.84	20.82
12	24.60	25.40	24.74	22.72	19.08	14.47	14.18	13.94	16.85	18.38	17.86	20.95
13	24.66	25.41	24.72	22.83	18.59	14.51	14.15	13.88	16.78	18.40	17.86	21.08
14	24.68	25.39	24.76	22.86	15.83	14.15	14.58	14.10	16.90	18.45	17.87	21.15
15	24.72	25.45	24.79	22.80	13.88	14.23	14.64	14.14	16.78	18.56	17.96	21.21
16	24.75	25.45	24.75	22.17	14.15	14.45	14.61	14.36	16.88	18.63	18.10	21.29
17	24.77	25.43	24.69	22.00	14.63	14.38	14.44	14.42	16.95	18.65	18.20	21.36
18	24.77	25.36	24.69	22.03	14.86	14.23	14.51	14.51	17.06	18.70	18.27	21.45
19	24.80	25.04	24.21	22.02	14.88	14.09	14.49	14.59	17.18	18.79	18.39	21.53
20	24.83	25.10	24.34	21.97	14.99	14.04	14.56	14.66	17.27	18.91	18.47	21.59
21	24.89	25.15	24.41	22.01	14.92	14.01	14.60	14.83	17.32	19.03	18.55	21.71
22	24.91	25.08	24.42	21.93	14.82	13.92	14.58	15.03	17.32	19.10	18.70	21.85
23	24.91	25.17	24.40	21.85	15.13	14.19	14.43	15.17	17.43	19.13	18.90	21.90
24	24.95	25.20	24.33	21.79	15.12	14.37	14.69	15.26	17.52	17.83	19.03	21.95
25	25.00	25.20	24.31	21.39	14.97	14.36	14.91	15.26	17.58	18.08	19.14	21.50
26	25.06	25.15	24.32	21.38	14.81	14.11	15.04	15.29	17.65	18.20	19.25	21.47
27	25.09	25.29	24.24	21.37	14.70	14.14	14.89	15.54	17.72	18.25	19.34	21.60
28	25.06	25.32	24.25	21.21	14.78	14.08	14.41	15.78	17.69	18.30	19.40	20.55
29	25.07	25.35	24.24	21.25	---	13.90	14.13	15.85	17.56	18.35	19.52	20.26
30	25.08	25.33	24.26	20.74	---	13.99	14.22	15.91	17.66	18.44	19.67	20.51
31	25.13	---	24.22	20.37	---	14.05	---	15.91	---	18.03	19.82	---
MEAN	24.79	25.27	24.59	22.47	17.14	14.19	14.45	14.57	16.98	18.36	18.37	20.96
MAX	25.13	25.45	25.03	24.22	20.34	14.51	15.04	15.91	17.72	19.13	19.82	21.95
MIN	23.79	25.04	24.21	20.37	13.88	13.90	14.13	13.78	15.92	17.64	17.56	19.95



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS SALUDA COUNTY

493

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 punch interval.

DATUM.--Land-surface datum is 445 ft above sea level. Measuring point: Top of casing, 2.30 ft above land-surface datum.

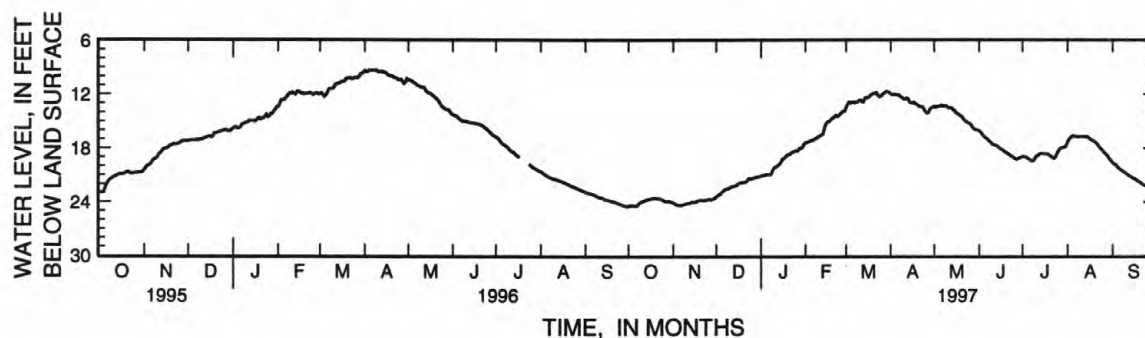
REMARKS.--Geophysical logs available in U.S. Geological Survey District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 8.60 ft below land-surface datum, Mar. 8, 1995; lowest, 25.89 ft below land-surface datum, Oct. 30, 1993.

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	24.51	24.12	23.41	21.14	17.39	13.48	11.97	13.35	16.07	18.95	17.33	19.62
2	24.45	24.17	23.31	21.07	17.37	13.15	12.06	13.48	16.21	18.94	17.07	19.75
3	24.42	24.31	23.19	21.01	17.33	12.92	12.03	13.37	16.44	18.99	16.86	19.80
4	24.47	24.37	23.10	21.01	17.26	12.99	12.04	13.33	16.64	19.08	16.70	20.03
5	24.50	24.38	22.92	20.93	17.13	12.90	12.09	13.34	16.80	19.20	16.62	20.21
6	24.49	24.40	22.76	20.96	17.14	12.88	12.10	13.22	16.92	19.30	16.69	20.34
7	24.45	24.38	22.61	20.95	17.08	12.88	12.14	13.32	17.06	19.41	16.71	20.43
8	24.26	24.31	22.56	20.94	16.93	12.90	12.33	13.32	17.23	19.44	16.74	20.54
9	24.11	24.28	22.55	20.55	16.91	12.84	12.37	13.27	17.37	19.24	16.74	20.66
10	24.02	24.21	22.49	20.26	16.74	12.68	12.56	13.43	17.54	18.97	16.74	20.77
11	23.97	24.18	22.36	20.13	16.63	12.67	12.58	13.55	17.65	18.85	16.73	20.89
12	23.91	24.18	22.31	20.04	16.55	12.84	12.45	13.52	17.68	18.73	16.73	21.02
13	23.83	24.13	22.24	19.91	16.43	12.85	12.54	13.51	17.72	18.62	16.71	21.13
14	23.76	24.04	22.21	19.77	15.84	12.45	12.87	13.74	17.86	18.58	16.70	21.22
15	23.72	24.06	22.17	19.56	15.32	12.35	12.98	13.80	17.97	18.59	16.78	21.32
16	23.70	24.04	22.05	19.20	15.15	12.39	13.01	14.07	18.11	18.62	16.92	21.41
17	23.66	23.99	21.89	19.18	15.05	12.28	12.91	14.16	18.19	18.64	17.02	21.51
18	23.60	23.90	21.89	19.00	14.96	12.13	13.07	14.28	18.32	18.65	17.11	21.63
19	23.60	23.83	21.84	18.84	14.74	11.98	13.12	14.39	18.44	18.71	17.25	21.73
20	23.60	23.83	21.85	18.69	14.66	11.95	13.28	14.50	18.55	18.84	17.33	21.82
21	23.65	23.82	21.81	18.69	14.48	11.92	13.39	14.70	18.65	18.96	17.46	21.96
22	23.67	23.86	21.74	18.56	14.37	11.85	13.41	14.91	18.73	19.08	17.66	22.09
23	23.67	23.86	21.56	18.45	14.50	12.12	13.43	15.05	18.86	19.13	17.90	22.14
24	23.74	23.81	21.41	18.38	14.39	12.29	13.71	15.18	18.98	18.89	18.07	22.23
25	23.81	23.74	21.47	18.29	14.19	12.26	13.96	15.22	19.09	18.50	18.25	22.22
26	23.91	23.69	21.43	18.35	14.04	12.02	14.11	15.31	19.18	18.25	18.43	22.24
27	23.96	23.78	21.34	18.25	13.92	11.93	14.04	15.57	19.24	18.04	18.60	22.27
28	23.92	23.73	21.30	18.00	13.91	11.81	13.70	15.80	19.14	17.95	18.76	22.26
29	23.95	23.66	21.25	18.03	---	11.71	13.51	15.89	19.07	17.90	18.97	22.32
30	23.98	23.58	21.24	17.83	---	11.75	13.46	15.98	19.04	17.91	19.20	22.39
31	24.08	---	21.16	17.57	---	11.81	---	16.03	---	17.77	19.42	---
MEAN	23.98	24.02	22.11	19.47	15.73	12.42	12.91	14.28	17.96	18.73	17.43	21.27
MAX	24.51	24.40	23.41	21.14	17.39	13.48	14.11	16.03	19.24	19.44	19.42	22.39
MIN	23.60	23.58	21.16	17.57	13.91	11.71	11.97	13.22	16.07	17.77	16.62	19.62



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS SPARTANBURG COUNTY

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 punch interval.

DATUM.--Land-surface datum is 605 ft above sea level. Measuring point: Top of casing, 0.50 (revised) ft above land-surface datum.

REMARKS.--Geophysical logs available in District files.

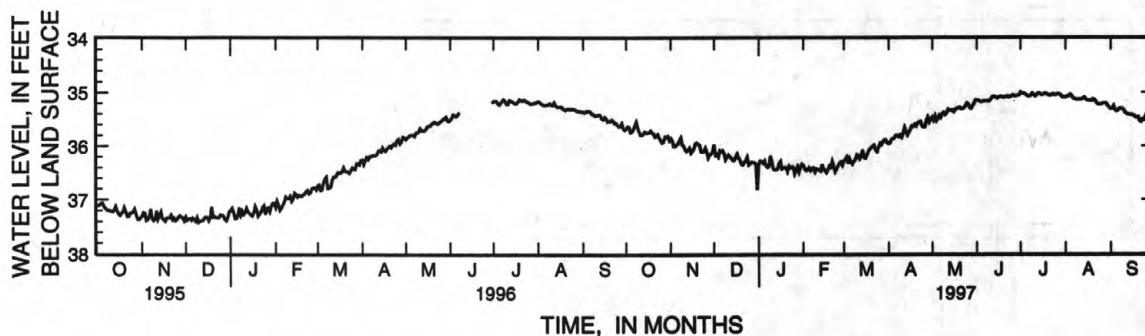
PERIOD OF RECORD.--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.71 ft below land-surface datum, Oct. 2, 1993; lowest, 37.82 ft below land-surface datum, Dec. 20, 30, 1994, Jan. 5, 1995.

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	35.68	35.86	35.98	36.34	36.36	36.28	35.96	35.46	35.14	35.00	35.09	35.31
2	35.64	35.90	36.17	36.28	36.43	36.25	35.95	35.52	35.15	35.02	35.07	35.30
3	35.65	36.01	36.15	36.29	36.46	36.21	35.88	35.44	35.17	35.02	35.07	35.26
4	35.75	36.01	36.20	36.32	36.45	36.33	35.87	35.53	35.18	35.03	35.04	35.33
5	35.74	35.97	36.09	36.28	36.41	36.24	35.85	35.49	35.17	35.05	35.06	35.35
6	35.69	35.97	36.11	36.37	36.46	36.31	35.81	35.43	35.16	35.07	35.11	35.34
7	35.61	35.90	36.09	36.40	36.42	36.34	35.81	35.47	35.16	35.07	35.12	35.31
8	35.55	35.85	36.14	36.39	36.41	36.28	35.83	35.40	35.16	35.06	35.13	35.30
9	35.66	35.98	36.25	36.19	36.49	36.26	35.80	35.38	35.17	35.02	35.13	35.31
10	35.74	36.00	36.20	36.27	36.43	36.17	35.84	35.42	35.15	35.04	35.13	35.33
11	35.80	36.07	36.17	36.43	36.45	36.18	35.77	35.39	35.11	35.07	35.13	35.38
12	35.80	36.10	36.20	36.45	36.45	36.24	35.66	35.32	35.08	35.05	35.13	35.40
13	35.77	36.08	36.23	36.45	36.47	36.19	35.73	35.33	35.08	35.02	35.11	35.41
14	35.74	36.04	36.27	36.43	36.35	36.08	35.80	35.34	35.09	35.02	35.10	35.42
15	35.76	36.13	36.27	36.33	36.44	36.22	35.75	35.33	35.11	35.04	35.13	35.42
16	35.76	36.10	36.20	36.29	36.46	36.23	35.69	35.36	35.09	35.04	35.15	35.43
17	35.75	36.05	36.15	36.43	36.50	36.17	35.63	35.32	35.08	35.03	35.15	35.43
18	35.72	35.96	36.22	36.41	36.45	36.10	35.64	35.31	35.08	35.02	35.15	35.47
19	35.76	35.95	36.26	36.40	36.38	36.06	35.60	35.29	35.10	35.03	35.16	35.47
20	35.77	35.97	36.34	36.41	36.40	36.03	35.63	35.28	35.09	35.05	35.13	35.46
21	35.83	35.98	36.35	36.48	36.29	36.01	35.57	35.31	35.08	35.06	35.14	35.54
22	35.82	36.11	36.30	36.38	36.37	35.99	35.55	35.31	35.07	35.05	35.18	35.55
23	35.79	36.11	36.27	36.41	36.48	36.08	35.54	35.29	35.09	35.03	35.22	35.50
24	35.85	36.10	36.21	36.39	36.43	36.11	35.63	35.26	35.08	35.04	35.22	35.51
25	35.89	36.04	36.35	36.40	36.37	36.03	35.65	35.20	35.06	35.05	35.22	35.45
26	35.94	36.10	36.33	36.52	36.32	35.96	35.65	35.22	35.05	35.03	35.22	35.54
27	35.92	36.22	36.30	36.45	36.30	35.98	35.52	35.29	35.07	35.03	35.20	35.54
28	35.83	36.16	36.31	36.39	36.36	35.92	35.46	35.30	35.06	35.04	35.20	35.49
29	35.84	36.15	36.31	36.49	---	35.89	35.55	35.25	35.06	35.06	35.21	35.55
30	35.82	36.10	36.34	36.40	---	35.89	35.49	35.21	35.05	35.10	35.25	35.57
31	35.90	---	36.81	36.34	---	35.94	---	35.14	---	35.10	35.28	---
MEAN	35.77	36.03	36.24	36.38	36.41	36.13	35.70	35.34	35.11	35.04	35.15	35.42
MAX	35.94	36.22	36.81	36.52	36.50	36.34	35.96	35.53	35.18	35.10	35.28	35.57
MIN	35.55	35.85	35.98	36.19	36.29	35.89	35.46	35.14	35.05	35.00	35.04	35.26



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS YORK COUNTY

495

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 punch interval.

DATUM.--Land-surface datum is 600 ft above sea level. Measuring point: Top of platform, 0.75 ft above land-surface datum.

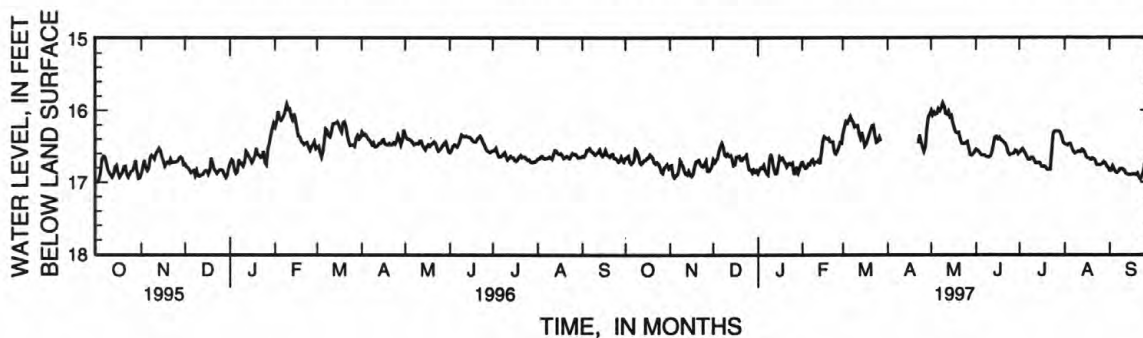
REMARKS.--Water-level affected by stage of Lake Wylie. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 15.90 ft below land-surface datum, May 9, 1997; lowest, 31.67 ft below land-surface datum, July 24, 1993.

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	16.67	16.78	16.69	16.88	16.73	16.32	---	16.01	16.55	16.59	16.47	16.84
2	16.66	16.77	16.73	16.83	16.78	16.23	---	16.07	16.56	16.56	16.48	16.84
3	16.64	16.90	16.70	16.80	16.81	16.16	---	16.03	16.58	16.54	16.49	16.78
4	16.72	16.94	16.67	16.81	16.80	16.18	---	16.06	16.61	16.57	16.47	16.82
5	16.75	16.91	16.57	16.77	16.75	16.14	---	16.05	16.63	16.61	16.47	16.86
6	16.73	16.90	16.50	16.84	16.76	16.09	---	15.98	16.63	16.65	16.53	16.87
7	16.70	16.84	16.46	16.88	16.71	16.14	---	16.01	16.63	16.69	16.57	16.85
8	16.55	16.71	16.52	16.90	16.69	16.17	---	15.96	16.65	16.69	16.60	16.82
9	16.58	16.75	16.62	16.69	16.75	16.23	---	15.90	16.65	16.66	16.59	16.82
10	16.63	16.78	16.64	16.61	16.72	16.21	---	15.95	16.66	16.66	16.58	16.82
11	16.72	16.85	16.61	16.69	16.72	16.21	---	16.05	16.64	16.70	16.57	16.84
12	16.75	16.89	16.64	16.82	16.70	16.32	---	16.06	16.58	16.74	16.58	16.88
13	16.73	16.90	16.63	16.88	16.75	16.39	---	16.02	16.47	16.74	16.55	16.89
14	16.70	16.85	16.68	16.88	16.60	16.31	---	16.10	16.38	16.73	16.56	16.90
15	16.70	16.90	16.77	16.79	16.43	16.40	---	16.08	16.37	16.74	16.60	16.90
16	16.67	16.92	16.76	16.66	16.37	16.50	---	16.19	16.40	16.78	16.65	16.90
17	16.66	16.89	16.65	16.69	16.39	16.47	---	16.25	16.38	16.79	16.67	16.89
18	16.62	16.79	16.65	16.67	16.40	16.41	---	16.31	16.41	16.78	16.67	16.89
19	16.64	16.72	16.64	16.71	16.39	16.34	---	16.32	16.43	16.80	16.69	16.90
20	16.67	16.71	16.70	16.74	16.44	16.28	---	16.31	16.45	16.83	16.67	16.88
21	16.73	16.70	16.70	16.79	16.44	16.22	---	16.39	16.47	16.83	16.68	16.93
22	16.75	16.75	16.66	16.75	16.44	16.21	16.46	16.46	16.51	16.83	16.70	16.96
23	16.73	16.78	16.66	16.74	16.59	16.35	16.35	16.47	16.59	16.60	16.76	16.92
24	16.75	16.79	16.63	16.76	16.61	16.45	16.44	16.47	16.62	16.33	16.76	16.87
25	16.79	16.75	16.75	16.74	16.57	16.44	16.52	16.45	16.61	16.29	16.76	16.77
26	16.86	16.71	16.83	16.88	16.52	16.38	16.58	16.44	16.61	16.29	16.76	16.80
27	16.88	16.85	16.83	16.88	16.45	16.43	16.51	16.54	16.60	16.29	16.75	16.84
28	16.80	16.85	16.87	16.79	16.46	---	16.27	16.62	16.56	16.29	16.72	16.77
29	16.79	16.82	16.83	16.87	---	---	16.10	16.63	16.57	16.31	16.74	16.77
30	16.76	16.78	16.86	16.81	---	---	16.07	16.61	16.61	16.38	16.78	16.78
31	16.81	---	16.84	16.74	---	---	---	16.58	---	16.45	16.80	---
MEAN	16.71	16.82	16.69	16.78	16.60	16.30	16.37	16.24	16.55	16.60	16.63	16.85
MAX	16.88	16.94	16.87	16.90	16.81	16.50	16.58	16.63	16.66	16.83	16.80	16.96
MIN	16.55	16.70	16.46	16.61	16.37	16.09	16.07	15.90	16.37	16.29	16.47	16.77



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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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