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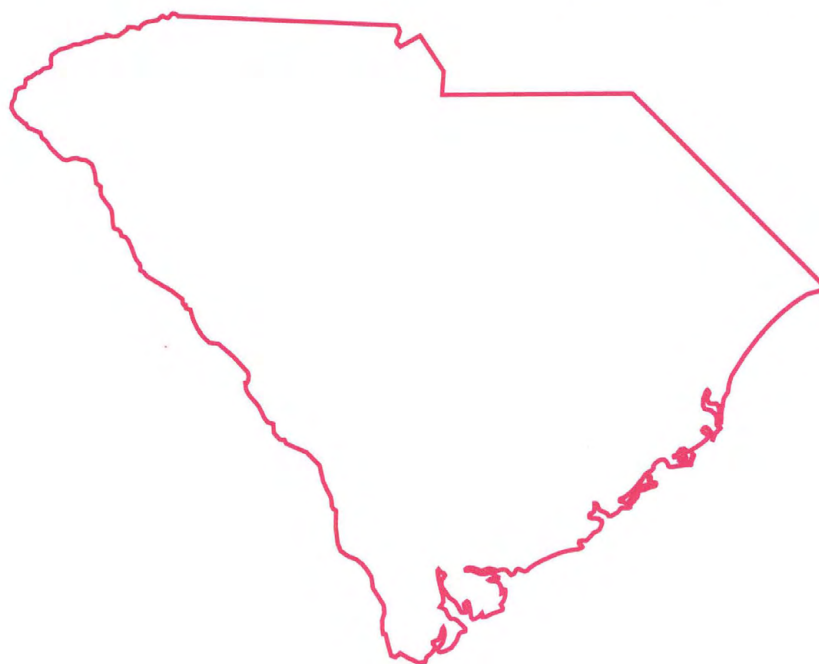


Water Resources Data South Carolina Water Year 1992

U.S. GEOLOGICAL SURVEY
RESTON, VA.

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U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-92-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

CALENDAR FOR WATER YEAR 1992

1991

OCTOBER

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Water Resources Data South Carolina Water Year 1992

by C.S. Bennett, T.W. Cooney, K.H. Jones, and J.W. Gissendanner



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-92-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

U. S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U. S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

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720 Gracern Road
Columbia, South Carolina 29210-7651

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- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for South Carolina are contained in one volume.

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

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This report was prepared in cooperation with the State of South Carolina and with other agencies under the general supervision of G. G. Patterson, District Chief, South Carolina.

REPORT DOCUMENTATION PAGE		1. REPORT NO. USGS/WRD/HD-93/265	2.	3. Recipient's Accession No.
4. Title and Subtitle Water Resources Data South Carolina Water Year 1992		5. Report Date March 1993		
7. Author(s) C.S. Bennett, T.W. Cooney, K.H. Jones, J.W. Gissendanner		6.		
9. Performing Organization Name and Address U.S. Geological Survey, Water Resources Division Stephenson Center-Suite 129 720 Gracern Rd. Columbia, SC 29210-7651		8. Performing Organization Rept. No. USGS-WRD-SC-92-1		
12. Sponsoring Organization Name and Address U.S. Geological Survey, Water Resources Division Stephenson Center-Suite 129 720 Gracern Rd. Columbia, SC 29210-7651		10. Project/Task/Work Unit No.		
15. Supplementary Notes Prepared in cooperation with the State of South Carolina and with other agencies.		11. Contract(C) or Grant(G) No. (C) (G)		
16. Abstract (Limit: 200 words) Water Resources data for the 1992 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 126 gaging stations, stage only at 25 gaging stations, stage and contents at 12 lakes and reservoirs, water-quality at 35 gaging stations and at one observation well, and water levels at 45 observation wells. Also included are data for 80 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.		13. Type of Report & Period Covered Annual-Oct. 1, 1991 to Sept. 30, 1992		
17. Document Analysis a. Descriptors *South Carolina, *Hydrologic Data, *Surface Water, *Ground Water, *Water Quality, Discharge, Gaging Stations, Lakes, Reservoirs, Chemical Analyses, Sediments, Water Temperatures, Water Levels, and Water Analyses. b. Identifiers/Open-Ended Terms c. COSATI Field/Group		14.		
18. Availability Statement No restrictions on distribution. This report may be purchased: National Technical Information Service, Springfield, VA 22161		19. Security Class (This Report) Unclassified		21. No. of Pages 492
		20. Security Class (This Page) Unclassified		22. Price

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

NOTE.--Data for partial-record stations and miscellaneous sites for both surface-water discharge and quality are published in separate sections of the data report. See references at the end of this list for page numbers for these sections.

[Letters after station name designate type of data: (d) discharge, (c) chemical, (s) sediment, (t) water temperature, (g) gage-height, (e) elevation]

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Charleston, U.S. Forest Service (CHN-101)	330247079340300	455
<u>COLLETON</u>		
Canadys, S.C. Water Resources Commission (COL-97)	330256080354500	456
Edisto State Park, Town of Edisto Beach (COL-305)	323048080181401	457
<u>FLORENCE</u>		
Timmons ville, Town of Timmons ville (FLO-85)	340806079563100	458
Florence, City Products (FLO-99)	341200079444100	459
Florence, E. I. Dupont de Nemours, Inc. (FLO-128)	341144079345001	460
<u>GEORGETOWN</u>		
Georgetown, Georgetown Rural Water District (GEO-77)	332424079171800	461
Pawleys Island, Johnnie Strait (GEO-84)	332610079104000	462
<u>GREENVILLE</u>		
Greenville, Brushy Creek School (GRV-709)	345335082185800	463
<u>HAMPTON</u>		
Hampton County Landfill, S.C. Water Resources Commission (HAM-82)	325005081122800	464
Yemassee, South Carolina Water Resources Commission (HAM-83)	324143080505900	465
<u>HORRY</u>		
Windy Hill Park, City of North Myrtle Beach (HO-269)	334747078435400	466
Collins Park, City of Conway (HO-307)	335115079033500	467
<u>JASPER</u>		
Ridgeland, Ted Roach (JAS-144)	323111080592000	468
<u>LEE</u>		
Bishopville, Robert W. Merck (LE-23)	341405080110100	469
<u>MARION</u>		
Britton Neck, South Carolina Forestry Commission (MN-77)	335143079195000	470
<u>MARLBORO</u>		
Bennettsville, Oak River Mills (MLB-110)	342935079431000	471
Bennettsville, Town of Bennettsville (MLB-112)	343715079411500	472
<u>ORANGEBURG</u>		
Norway, Town of Norway (ORG-95)	332649081072500	473
<u>RICHLAND</u>		
Columbia, Hercules, Inc. (RIC-63)	334944080380100	474
Columbia, Lincolnshire subdivision (RIC-309)	340540081021508	475
<u>SUMTER</u>		
Sumter, City of Sumter (SU-9)	335602080204800	476
<u>WILLIAMSBURG</u>		
Stuckey, Town of Stuckey (WL-76)	334410079310200	477
<u>YORK</u>		
Ft. Mill, Tega Cay Development Co. (YK-147)	350150081012500	478

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

The following continuous-record surface-water discharge or stage-only 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)]

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi ²)	Period of record
PEE DEE RIVER BASIN			
Cedar Creek at Society Hill, S.C. (d)	02130600	58.2	1971-81
Lynches River near Bishopville, S.C. (d)	02131500*	675	1943-71
Little Pee Dee River near Dillon, S.C. (d)	02132500*	524	1939-71
SANTEE RIVER BASIN			
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
Lake William C. Bowen near Fingerville, S.C. (e)	02154950	79.4	1972-84, 1987-88
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
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
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
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
Hamilton Creek near Easley, S.C. (d)	02162525*	1.6	1981-86
Saluda River near Pelzer, S.C. (d)	02163000	405	1930-71,

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

Station name	Station number	Drainage area (mi ²)	Period of record
Congaree Creek at Cayce, S.C. (d)	02169550	122	1960-80
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 Diversion Canal near Pineville, S.C. (d)	02170500	---	1944-86
Santee River below St. Stephens, S.C. (d)	02171650	14,900	1966-82
EDISTO RIVER BASIN			
South Fork Edisto River near Montmorenci, S.C. (d)	02172500*	198	1940-66
Cow Castle Creek near Bowman, S.C. (d)	02174250	23.4	1971-81
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
Rocky River near Calhoun Falls, S.C. (d)	02188000	267	1950-66
Savannah River near Calhoun Falls, S.C. (d)	02189000	2,876	1896-98 1899-1900, 1930-32, 1938-79
Savannah River near Clarks Hill, S.C. (d)	02195000	6,150	1940-54

WATER RESOURCES DATA FOR SOUTH CAROLINA-1992

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 1992 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.

Discontinued continuous-record surface-water-quality stations

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 Myrtlewood Golf Course at Myrtle Beach, S.C.	02110760	Temp., S.C., pH, D.O.	1986-89
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
Black River near Rhems, S.C.	02136070	Temp., S.C.	1963-66
Winyah Bay at Mouth near Georgetown, S.C.	02136390	Temp., S.C., pH, D.O.	1986-89
West Branch Cooper River near Monks Corner, S.C.	02172017	Temp.	1976-82
Cooper River at Rice Mill near Kittredge, S.C.	02172030	S.C.	1981-85
Chicken Creek at North Charleston, S.C.	021720605	Temp., S.C.	1982-86
Edisto River near Jacksonboro, S.C.	02175030	Temp.	1959-62

INTRODUCTION

Water resources data for the 1992 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 126 gaging stations; stage-only records for 25 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 35 gaging stations; and water levels for 45 observation wells. Also included are data for 80 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-91-1." 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 Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. Beginning with the 1990 Water Year, all water-data reports will also be available on Compact Disk - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone 803/750-6100. A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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:

South Carolina Water Resources Commission, A. H. Vang, Executive Director
South Carolina Public Service Authority, Kenneth R. Ford, President
South Carolina Department of Highways and Public Transportation,
R. N. McLellan, Executive Director
South Carolina Department of Health and Environmental Control,
M. D. Jarrett, Commissioner
City of Camden
City of Charleston, S. W. Kinard, Manager of Commission of Public Works
City of Clemson
City of Spartanburg, Myles W. Whitlock, Jr., Chairman of Commissioners of Public Works
City of Myrtle Beach, T. Leath, City Manager
Cooper River Water Users Association, H. Shade, President.
Waccamaw Regional Planning and Development Council, B. Schwartzkopf, Director of Planning
Beaufort-Jasper Sewer and Water Authority, W. D. Moss, Jr., General Manager
South Carolina Sea Grant Consortium, M. A. Davidson, Executive Director
Western Carolina Regional Sewer Authority, J. M. Pappas, Executive Director
Spartanburg Sanitary Sewer District, E. D. Mitchell, Assistant Director
Oconee County Sewer Commission, R.C. Winchester, General Superintendent
York County Planning and Development Services, M. E. Norton, County Planner

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

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

The following organizations aided in collecting records:

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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Rainfall totals and streamflows throughout South Carolina were generally lower than normal during the 1992 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was 9 percent below normal for the water year. Rainfall recorded near Columbia and Charleston by the NWS was 12 and 11 percent below normal, respectively, for the water year. Streamflows in 1992 were low as a result of deficient rainfall but minimum daily mean discharges were generally higher than the minimum daily means for the period of record. Minimum daily mean discharges for the 1992 water year and the period of record are presented for seven index stations in the following table.

Station	Drainage area (square mile)	Minimum daily mean discharge 1992 water year (cubic feet per second)	Minimum daily mean discharge for period of record (cubic feet per second)
<u>Piedmont</u>			
02154500 North Pacolet River at Fingerville	116	101	27
02162010 Cedar Creek near Blythewood	48.9	1.0	0.07
<u>Upper Coastal Plain</u>			
02130900 Black Creek near McBee	108	23	17
02173000 South Fork Edisto River near Denmark	720	332	148
02197300 Upper Three Runs near New Ellenton	98.7	83	53
<u>Lower Coastal Plain</u>			
02132000 Lynches River at Effingham	1030	163	95
02176500 Coosawhatchie River near Hampton	203	9.9	.0

A comparison of monthly and yearly mean discharges during the 1992 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 Upper Three Runs near New Ellenton station were near normal for the entire year. The monthly mean discharges for the Lynches River near Effingham station were significantly lower than the long-term median flow from December through April and again in July.

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 1992 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, decreased from 29.51 feet below land surface on October 1, 1991, to 32.48 feet below land surface on September 30, 1992, and varied only 3.65 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 declined 20.63 feet from October 1, 1991, to September 30, 1992. The water level in well HO-307, a 438-foot deep observation well at Conway, increased from 63.40 feet on October 1, 1991 to 57.70 feet on September 30, 1992.

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

HYDROLOGIC CONDITIONS

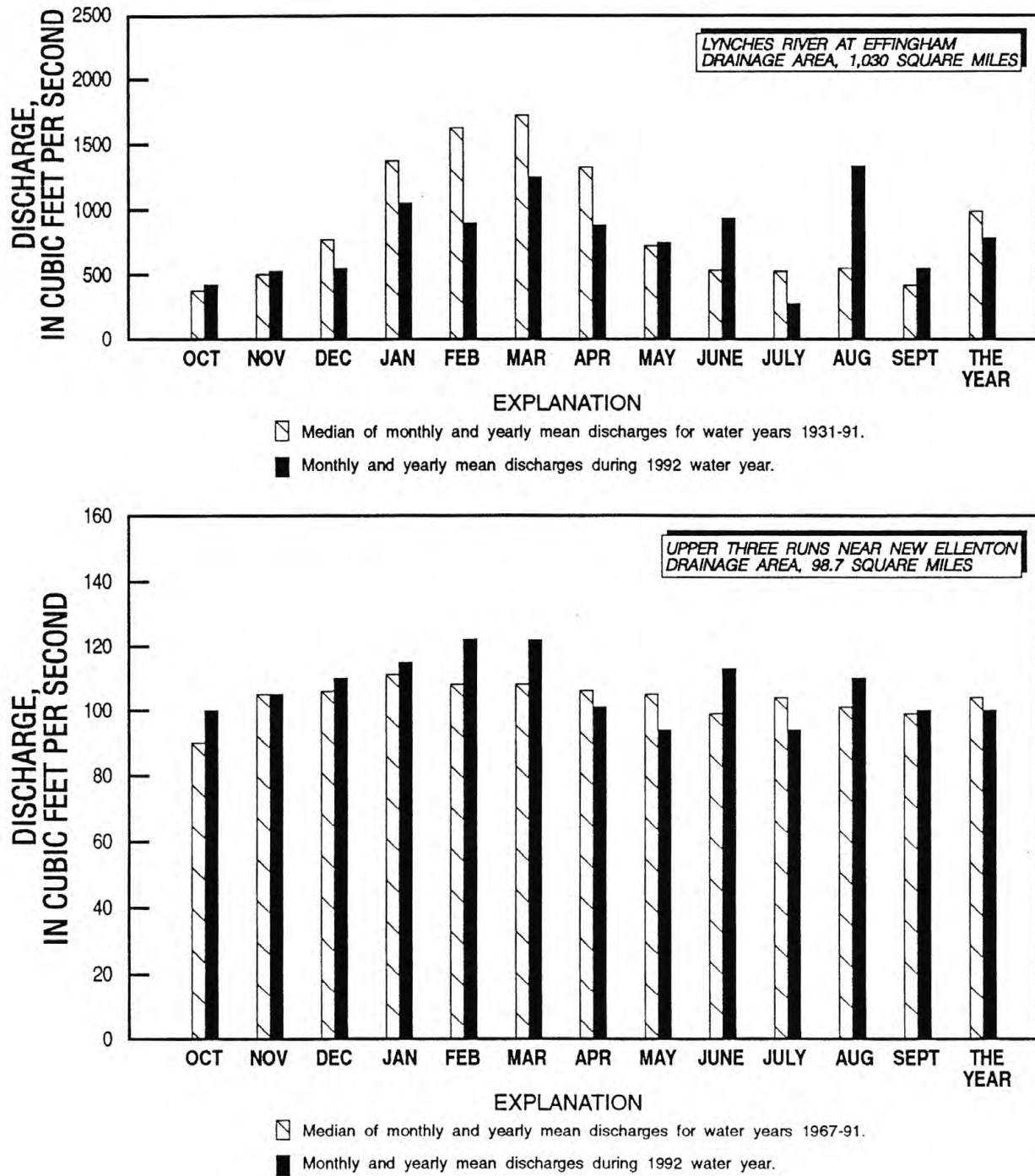


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1992 water year with the median discharges for the period of record.

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 this 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 24 hours when incubated at 35°C $\pm$ 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 $\pm$ 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 $\pm$ 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/m^3) and periphyton and benthic organisms in grams per square meter (g/m^2).

Dry mass refers to the mass of residue present after drying in an oven at 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 pigments 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 (ft^3/s , ft^3/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 $0.45 \mu\text{m}$ 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 observations 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 (CaCO_3).

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:

<u>Classification</u>	<u>Size</u>	<u>(mm)</u>	<u>Method of analysis</u>
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 is the community of suspended, floating, or weakly swimming organisms that live in the open water or lakes and rivers.

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

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

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.

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 (micromsiemens). 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 planimetered. All areas shown are those for the stage when the planimetered 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 μ m 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 μ m membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

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

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

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

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

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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

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

Water year, in the Geological Survey reports, is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ended September 30, 1992, is called the "1992 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 a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 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, minutes, 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.

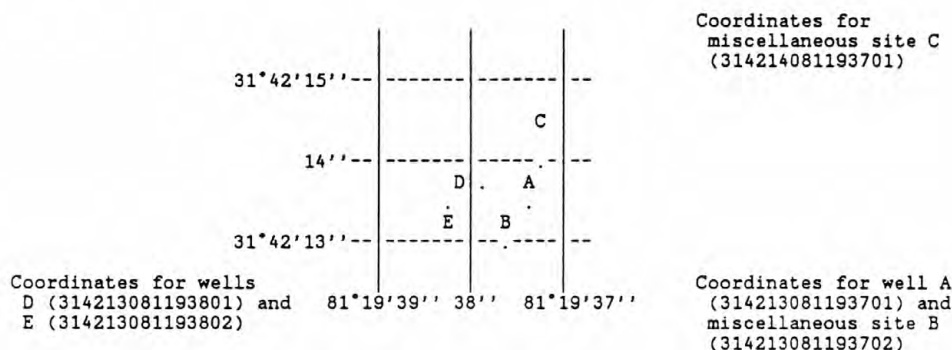


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

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

National stream-quality accounting network (NASQAN) is a data collection network designed by the U.S. Geological Survey to meet many of the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

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

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

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 text-books, in Water-Supply Paper 2175, Vol. 2 and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

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.

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."

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

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 National Geodetic Vertical Datum of 1929 (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 station 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.

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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 is exceeded by 10 percent of the flow for the designated period.

50 PERCENT EXCEEDS.--The discharge that is exceeded by 50 percent of the flow for the designated period.

90 PERCENT EXCEEDS.--The discharge that is exceeded by 90 percent of the flow 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 WATSTORE files. All previous revisions are, of course, in WATSTORE, and users are encouraged to obtain all required data from the WATSTORE computer files (see the section, "Access to WATSTORE Data").

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. A "W" for "WATSTORE" will be shown, replacing the name of the data report in which the revised values would previously have been published, for all revisions made after 1982. 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.

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EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

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

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

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 (1992) 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. 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-head discharges.

At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published.

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.

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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

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).

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 National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum of 1929 is the datum plane on which the national network of precise levels is based; 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 National Geodetic Vertical Datum of 1929 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); a landline location designation; the hydrologic-unit number; the distance and direction from a geographic point of reference; and the owner's name.

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

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

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

DATUM.--This entry describes both the measuring point and the land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) National Geodetic Vertical Datum of 1929 (NGVD of 1929); 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 (eom). 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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

ACCESS TO WATSTORE DATA

The U.S. Geological Survey is the principal Federal water-data agency and, as such, collects and disseminates about 70 percent of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. As part of the Geological Survey's program of releasing water data to the public, a large-scale computerized system has been developed for the storage and retrieval of water data collected through its activities. The National Water Data Storage and Retrieval System (WATSTORE) was established in 1972 to provide an effective and efficient means for the processing and maintenance of water data collected through the activities of the U.S. Geological Survey and to facilitate release of the data to the public. A variety of useful products, ranging from data tables to complex statistical analyses such as Log Pearson Type III, can be produced using WATSTORE. The system resides on the central computer facilities of the U.S. Geological Survey at its National Center in Reston, Virginia, and consists of related files and data bases.

- * Station Header File - Contains descriptive information on more than 440,000 sites throughout the United States and its territories where the U.S. Geological Survey collects or has collected data.
- * Daily Values File - Contains more than 220 million daily values of stream flows, stages, reservoir contents, water temperatures, specific conductances, sediment concentrations, sediment discharges, and ground-water levels.
- * Peak Flow File - Contains approximately 500,000 maximum (peak) streamflow and gage-heights values at surface-water sites.
- * Water Quality File - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radio-chemical characteristics of both surface and ground water.
- * Ground-Water Site Inventory Data Base - Contains inventory data for more than 910,000 wells, springs, and other sources of ground water. The data includes site location, geohydrologic characteristics, well-construction history, and one-time field measurements such as water temperature.

In 1976, the U.S. Geological Survey opened WATSTORE to the public for direct access. The signing of a Memorandum of Agreement with the Survey is required to obtain direct access to WATSTORE. The system can be accessed either synchronously or asynchronously. The requestor will be expected to pay all computer costs he/she incurs. Direct access may be obtained by contacting:

U.S. Geological Survey
National Water Data Exchange
421 USGS National Center
Reston, Virginia 22092

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disk; and, as noted in the introduction, on CD-ROM discs. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. 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's District offices. (See address on the back of the title page.) A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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, Books and Open-File Reports Section, Federal Center, Box 25425, 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. Ficken, 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. McCary: 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 measurements 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.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 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 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*, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 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. Rathburn, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels of streamflow gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 27 pages.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction*, by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E. J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 90 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.

INTRODUCTION

Water resources data for the 1992 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 126 gaging stations; stage-only records for 25 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 35 gaging stations; and water levels for 45 observation wells. Also included are data for 80 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-91-1." 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 Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. Beginning with the 1990 Water Year, all water-data reports will also be available on Compact Disk - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone 803/750-6100. A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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:

South Carolina Water Resources Commission, A. H. Vang, Executive Director
South Carolina Public Service Authority, Kenneth R. Ford, President
South Carolina Department of Highways and Public Transportation,
R. N. McLellan, Executive Director
South Carolina Department of Health and Environmental Control,
M. D. Jarrett, Commissioner
City of Camden
City of Charleston, S. W. Kinard, Manager of Commission of Public Works
City of Clemson
City of Spartanburg, Myles W. Whitlock, Jr., Chairman of Commissioners of Public Works
City of Myrtle Beach, T. Leath, City Manager
Cooper River Water Users Association, H. Shade, President.
Waccamaw Regional Planning and Development Council, B. Schwartzkopf, Director of Planning
Beaufort-Jasper Sewer and Water Authority, W. D. Moss, Jr., General Manager
South Carolina Sea Grant Consortium, M. A. Davidson, Executive Director
Western Carolina Regional Sewer Authority, J. M. Pappas, Executive Director
Spartanburg Sanitary Sewer District, E. D. Mitchell, Assistant Director
Oconee County Sewer Commission, R.C. Winchester, General Superintendent
York County Planning and Development Services, M. E. Norton, County Planner

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

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

The following organizations aided in collecting records:

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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Rainfall totals and streamflows throughout South Carolina were generally lower than normal during the 1992 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was 9 percent below normal for the water year. Rainfall recorded near Columbia and Charleston by the NWS was 12 and 11 percent below normal, respectively, for the water year. Streamflows in 1992 were low as a result of deficient rainfall but minimum daily mean discharges were generally higher than the minimum daily means for the period of record. Minimum daily mean discharges for the 1992 water year and the period of record are presented for seven index stations in the following table.

Station	Drainage area (square mile)	Minimum daily mean discharge 1992 water year (cubic feet per second)	Minimum daily mean discharge for period of record (cubic feet per second)
<u>Piedmont</u>			
02154500 North Pacolet River at Fingerville	116	101	27
02162010 Cedar Creek near Blythewood	48.9	1.0	0.07
<u>Upper Coastal Plain</u>			
02130900 Black Creek near McBee	108	23	17
02173000 South Fork Edisto River near Denmark	720	332	148
02197300 Upper Three Runs near New Ellenton	98.7	83	53
<u>Lower Coastal Plain</u>			
02132000 Lynches River at Effingham	1030	163	95
02176500 Coosawhatchie River near Hampton	203	9.9	.0

A comparison of monthly and yearly mean discharges during the 1992 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 Upper Three Runs near New Ellenton station were near normal for the entire year. The monthly mean discharges for the Lynches River near Effingham station were significantly lower than the long-term median flow from December through April and again in July.

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 1992 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, decreased from 29.51 feet below land surface on October 1, 1991, to 32.48 feet below land surface on September 30, 1992, and varied only 3.65 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 declined 20.63 feet from October 1, 1991, to September 30, 1992. The water level in well HO-307, a 438-foot deep observation well at Conway, increased from 63.40 feet on October 1, 1991 to 57.70 feet on September 30, 1992.

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

HYDROLOGIC CONDITIONS

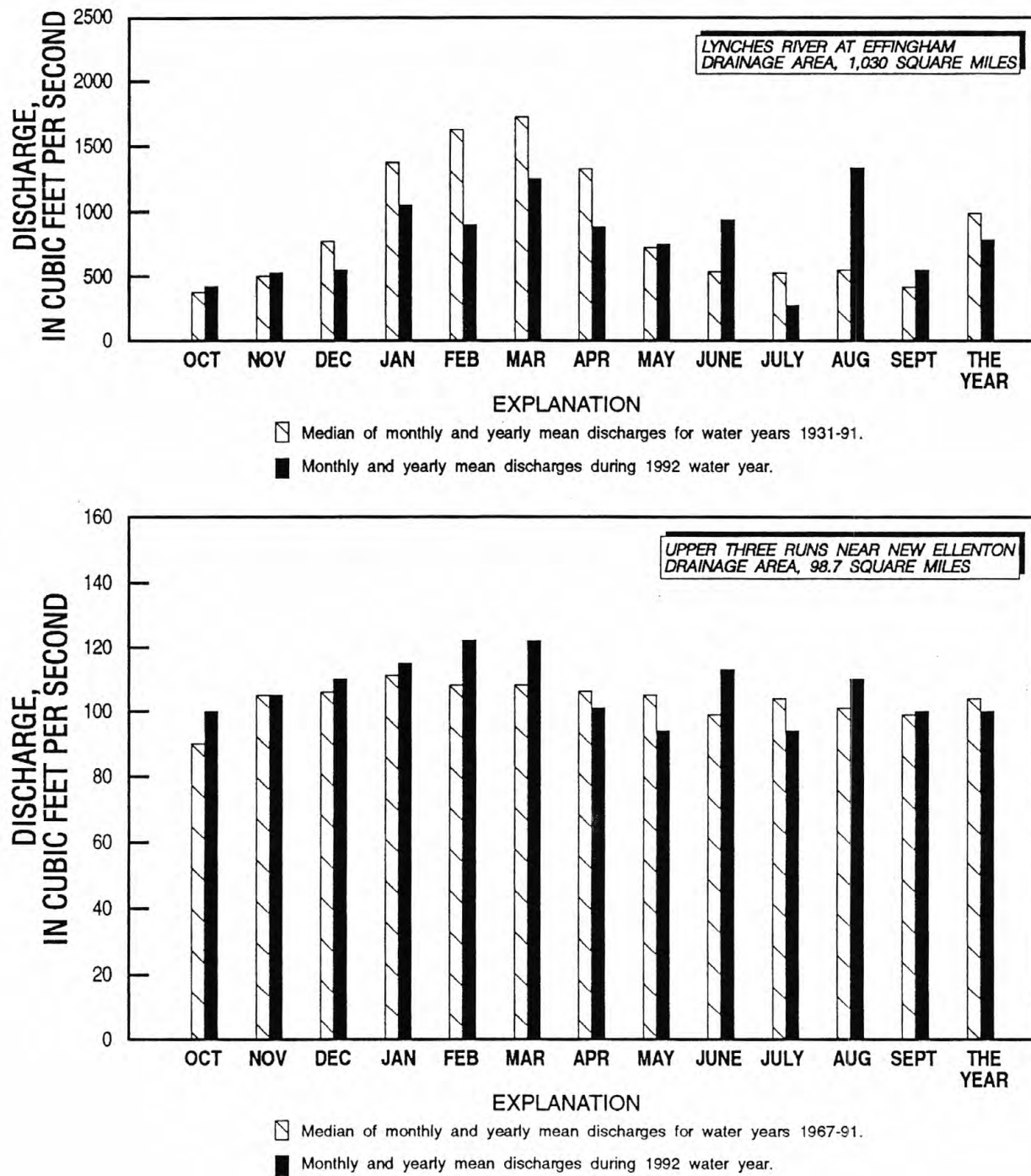


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1992 water year with the median discharges for the period of record.

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 this 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 24 hours when incubated at 35°C $\pm$ 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 $\pm$ 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 $\pm$ 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/m^3) and periphyton and benthic organisms in grams per square meter (g/m^2).

Dry mass refers to the mass of residue present after drying in an oven at 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 pigments 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 (ft^3/s , ft^3/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 $0.45 \mu\text{m}$ 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 observations 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 (CaCO_3).

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:

<u>Classification</u>	<u>Size</u>	<u>(mm)</u>	<u>Method of analysis</u>
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 is the community of suspended, floating, or weakly swimming organisms that live in the open water or lakes and rivers.

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

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

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.

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 planimetered. All areas shown are those for the stage when the planimetered 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 μ m 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 μ m membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

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

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

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

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

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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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, 1992, is called the "1992 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 a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 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, minutes, 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.

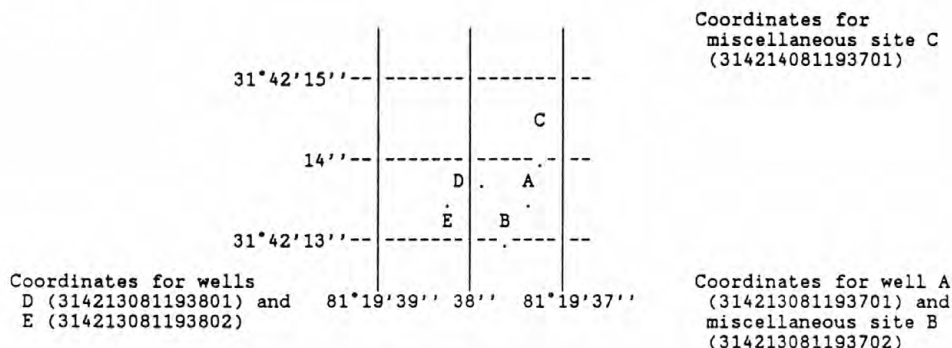


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

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

National stream-quality accounting network (NASQAN) is a data collection network designed by the U.S. Geological Survey to meet many of the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

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

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

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 text-books, in Water-Supply Paper 2175, Vol. 2 and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

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.

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."

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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 National Geodetic Vertical Datum of 1929 (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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

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 is exceeded by 10 percent of the flow for the designated period.

50 PERCENT EXCEEDS.--The discharge that is exceeded by 50 percent of the flow for the designated period.

90 PERCENT EXCEEDS.--The discharge that is exceeded by 90 percent of the flow 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 WATSTORE files. All previous revisions are, of course, in WATSTORE, and users are encouraged to obtain all required data from the WATSTORE computer files (see the section, "Access to WATSTORE Data").

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. A "W" for "WATSTORE" will be shown, replacing the name of the data report in which the revised values would previously have been published, for all revisions made after 1982. 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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

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

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

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 (1992) 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. 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 wastewater discharges.

At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published.

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.

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.

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

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).

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 National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum of 1929 is the datum plane on which the national network of precise levels is based; 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 National Geodetic Vertical Datum of 1929 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); a landline location designation; the hydrologic-unit number; the distance and direction form a geographic point of reference; and the owner's name.

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

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

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

DATUM.--This entry describes both the measuring point and the land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) National Geodetic Vertical Datum of 1929 (NGVD of 1929); 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 (eom). 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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1992

ACCESS TO WATSTORE DATA

The U.S. Geological Survey is the principal Federal water-data agency and, as such, collects and disseminates about 70 percent of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. As part of the Geological Survey's program of releasing water data to the public, a large-scale computerized system has been developed for the storage and retrieval of water data collected through its activities. The National Water Data Storage and Retrieval System (WATSTORE) was established in 1972 to provide an effective and efficient means for the processing and maintenance of water data collected through the activities of the U.S. Geological Survey and to facilitate release of the data to the public. A variety of useful products, ranging from data tables to complex statistical analyses such as Log Pearson Type III, can be produced using WATSTORE. The system resides on the central computer facilities of the U.S. Geological Survey at its National Center in Reston, Virginia, and consists of related files and data bases.

- * Station Header File - Contains descriptive information on more than 440,000 sites throughout the United States and its territories where the U.S. Geological Survey collects or has collected data.
- * Daily Values File - Contains more than 220 million daily values of stream flows, stages, reservoir contents, water temperatures, specific conductances, sediment concentrations, sediment discharges, and ground-water levels.
- * Peak Flow File - Contains approximately 500,000 maximum (peak) streamflow and gage-heights values at surface-water sites.
- * Water Quality File - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radio-chemical characteristics of both surface and ground water.
- * Ground-Water Site Inventory Data Base - Contains inventory data for more than 910,000 wells, springs, and other sources of ground water. The data includes site location, geohydrologic characteristics, well-construction history, and one-time field measurements such as water temperature.

In 1976, the U.S. Geological Survey opened WATSTORE to the public for direct access. The signing of a Memorandum of Agreement with the Survey is required to obtain direct access to WATSTORE. The system can be accessed either synchronously or asynchronously. The requestor will be expected to pay all computer costs he/she incurs. Direct access may be obtained by contacting:

U.S. Geological Survey
National Water Data Exchange
421 USGS National Center
Reston, Virginia 22092

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disk; and, as noted in the introduction, on CD-ROM discs. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. 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's District offices. (See address on the back of the title page.) A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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, Books and Open-File Reports Section, Federal Center, Box 25425, 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. Ficken, 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. McCary: 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 measurements 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.

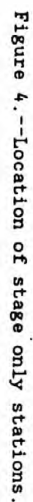
PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

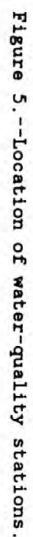
- 3-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 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. Rathburn, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels of streamflow gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 27 pages.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction*, by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E. J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 90 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.

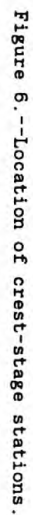
PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued.

- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. J. Fishman and L. C. Friedman: USGS--TWRI Book 5, Chapter A1. 1989. 545 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
- 5-A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R. L. Wershaw, M. J. Fishman, R. R. Grabbe, and L. E. Lowe: USGS--TWRI Book 5, Chapter A3. 1987. 80 pages.
- 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, by L. J. Britton and P. E. Greeson, editors: USGS--TWRI Book 5, Chapter A4. 1989. 363 pages.
- 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
- 5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.
- 6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S. A. Leake and D. E. Prudic: USGS--TWRI Book 6, Chapter A2. 1991. 68 pages.
- 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.









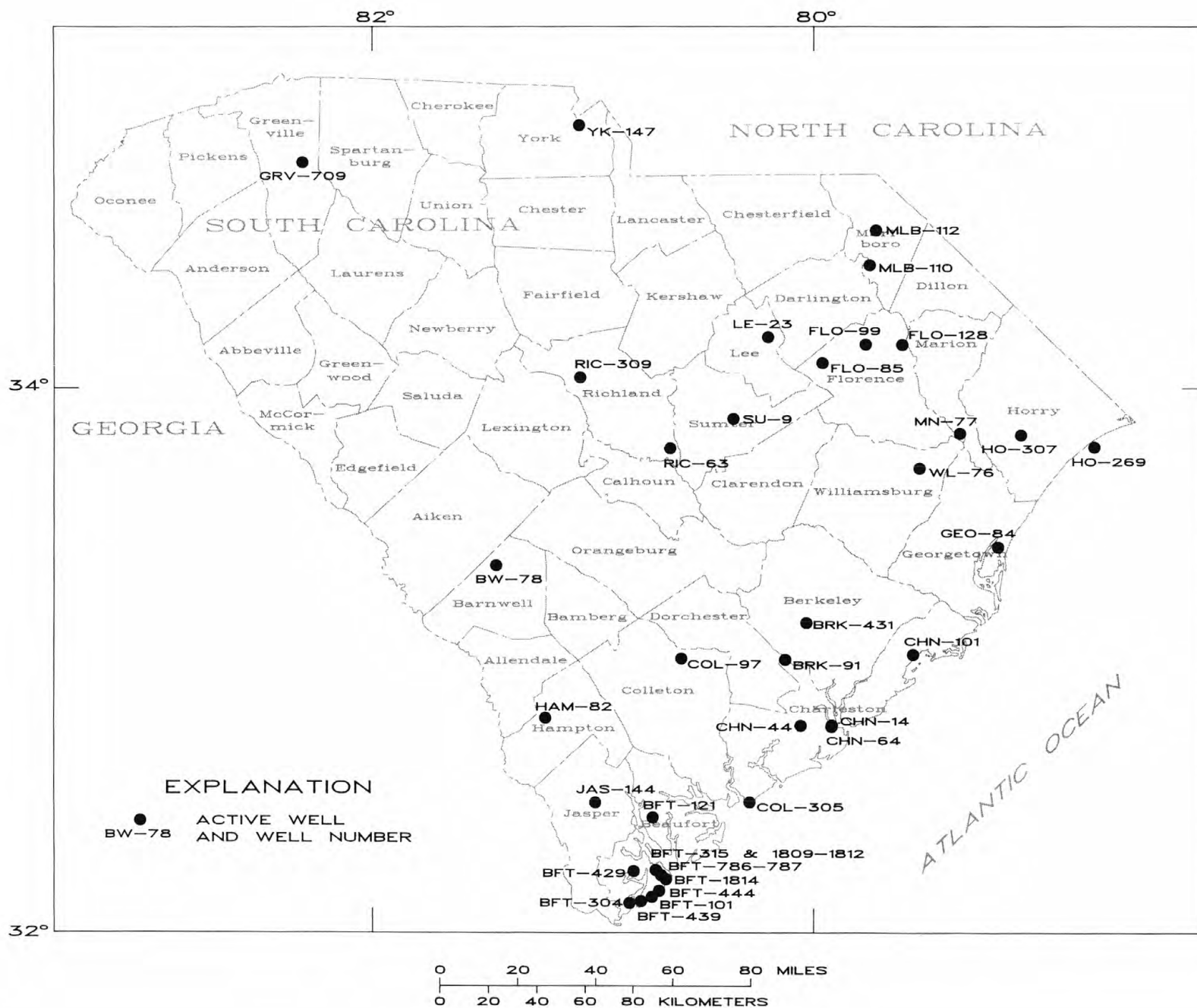


Figure 7.--Location of ground water wells.

SURFACE WATER RECORDS

GAGING-STATION 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 National Geodetic Vertical datum of 1929 (levels of Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Oct. 6 - 19, May 29 to June 1, Sept. 18 - 23, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	771	271	405	588	2940	2330	1600	1230	3800	1010	87	4550
2	884	246	396	669	2880	2310	1610	1150	2860	918	78	4070
3	975	225	385	851	2820	2230	1590	1060	2460	837	93	3600
4	1030	206	390	1080	2790	2130	1550	979	2240	756	308	3150
5	1100	189	386	1140	2730	2050	1500	898	2380	678	376	2750
6	1200	174	373	1200	2670	1930	1440	824	2160	606	476	2400
7	1300	162	366	1270	2600	2200	1390	771	1800	546	515	2190
8	1400	150	361	1320	2510	2390	1340	843	1570	474	551	2050
9	1520	151	358	1370	2390	2370	1280	830	1410	395	581	1800
10	1650	284	356	1420	2260	2290	1220	763	1510	323	586	1600
11	1820	323	356	1470	2140	2240	1170	694	1880	264	581	1480
12	2000	340	357	1520	2040	2190	1160	630	1880	217	567	1410
13	2100	370	354	1580	1900	2170	1140	586	1920	180	585	1300
14	2250	408	348	1640	1770	2130	1100	548	2060	153	783	1190
15	2190	445	337	1690	1670	2070	1060	502	2570	132	1020	1090
16	1910	474	326	1690	1580	1970	1010	448	2640	114	1310	974
17	1670	499	316	1670	1500	1830	959	392	2580	100	1910	870
18	1450	515	303	1670	1490	1710	904	342	2450	91	3530	790
19	1250	521	293	1730	1440	1650	845	293	2290	82	4690	770
20	1050	512	282	1850	1380	1600	783	253	2090	92	5710	750
21	945	493	269	1910	1310	1530	719	222	1900	94	6920	730
22	856	489	255	2050	1250	1450	1120	195	1820	91	8000	710
23	768	478	241	2220	1340	1390	1410	172	1780	110	8300	695
24	684	457	235	2470	1710	1340	1320	155	1710	187	8100	656
25	607	438	228	2410	1750	1280	1340	140	1590	170	7750	619
26	555	426	220	2380	1860	1450	1380	130	1470	153	7350	587
27	498	420	231	2360	1990	1570	1400	128	1360	147	6920	554
28	439	417	317	2570	2140	1540	1390	114	1270	144	6530	512
29	386	415	396	2740	2270	1530	1360	190	1200	134	6070	472
30	342	411	464	2840	---	1530	1300	1650	1110	118	5560	432
31	304	---	526	2950	---	1570	---	2700	---	102	5040	---
TOTAL	35904	10909	10430	54318	59120	57970	37390	19832	59760	9418	100877	44751
MEAN	1158	364	336	1752	2039	1870	1246	640	1992	304	3254	1492
MAX	2250	521	526	2950	2940	2390	1610	2700	3800	1010	8300	4550
MIN	304	150	220	588	1250	1280	719	114	1110	82	78	432
CFSM	1.04	.33	.30	1.58	1.84	1.68	1.12	.58	1.79	.27	2.93	1.34
IN.	1.20	.37	.35	1.82	1.98	1.94	1.25	.66	2.00	.32	3.38	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1992, BY WATER YEAR (WY)

	MEAN	730	529	680	1615	2197	2552	1789	645	597	851	1187	1021
MAX	3463	2864	2089	4327	5973	7748	5072	2916	2422	6191	5643	6767	
(WY)	1965	1978	1978	1987	1973	1983	1958	1978	1969	1961	1981	1955	
MIN	5.13	6.20	30.1	136	260	363	194	50.0	18.3	13.2	14.5	3.70	
(WY)	1984	1984	1955	1957	1989	1955	1967	1967	1952	1952	1954	1954	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1950 - 1992
ANNUAL TOTAL	474594	500679	
ANNUAL MEAN	1300	1368	1195
HIGHEST ANNUAL MEAN			2418
LOWEST ANNUAL MEAN			439
HIGHEST DAILY MEAN	5020	8300	16000
LOWEST DAILY MEAN	59	78	1.0
ANNUAL SEVEN-DAY MINIMUM	89	94	2.0
INSTANTANEOUS PEAK FLOW		8380	16200
INSTANTANEOUS PEAK STAGE		13.03	14.87
INSTANTANEOUS LOW FLOW		.76	1.0
ANNUAL RUNOFF (CFSM)	1.17	1.23	1.08
ANNUAL RUNOFF (INCHES)	15.91	16.78	14.63
10 PERCENT EXCEEDS	3330	2530	3030
50 PERCENT EXCEEDS	975	1140	669
90 PERCENT EXCEEDS	151	214	56

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.

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

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: October 1990 to current year.

TEMPERATURE: October 1991 to September 1992.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: Maximum, 8.6 mg/L, Jan. 8, 9, 1991; minimum, 1.5 mg/L, Sept. 17, 18, 1991.

WATER TEMPERATURE: Maximum, 31.5°C, several days in July, 1992; minimum, 6.0°C, Jan. 20 - 23, 1992.

EXTREMES FOR CURRENT YEAR.--

DISSOLVED OXYGEN: Maximum, 10.6 mg/L, Jan. 23; minimum, 1.7 mg/L, Sept. 8, 9.

WATER TEMPERATURE: Maximum, 31.5°C, several days in July; minimum, 6.0°C, Jan. 20 - 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.5	9.0	9.5	14.5	13.5	14.0	14.0	13.5	13.5	18.0	17.0	17.5
2	9.0	8.5	9.0	14.5	13.5	14.0	14.0	13.5	14.0	18.0	17.0	17.5
3	---	---	---	15.0	14.0	14.5	14.0	13.5	13.5	19.5	18.0	18.5
4	---	---	---	15.0	14.5	15.0	14.0	13.0	13.5	20.0	19.0	19.5
5	---	---	---	15.5	15.0	15.5	13.5	13.0	13.0	20.0	19.5	20.0
6	---	---	---	16.0	15.5	15.5	13.5	12.5	13.0	20.0	19.0	19.5
7	---	---	---	16.5	16.0	16.0	13.5	13.0	13.0	19.0	18.0	18.5
8	---	---	---	17.0	16.0	16.5	14.5	13.0	14.0	18.0	18.0	18.0
9	8.0	7.5	7.5	17.0	16.5	17.0	15.5	14.5	15.0	18.0	17.5	17.5
10	7.5	7.5	7.5	17.0	17.0	17.0	16.5	15.5	16.0	18.5	17.5	18.0
11	7.5	7.0	7.5	---	---	---	17.0	16.5	17.0	19.0	18.0	18.5
12	8.0	7.5	7.5	---	---	---	17.5	17.0	17.5	20.0	19.0	19.5
13	8.0	8.0	8.0	---	---	---	18.0	17.0	17.5	20.5	19.5	20.0
14	---	---	---	---	---	---	18.0	17.0	17.5	20.5	19.5	20.0
15	---	---	---	---	---	---	18.0	17.5	18.0	21.5	20.5	21.0
16	---	---	---	---	---	---	18.0	17.5	18.0	22.0	21.0	21.5
17	---	---	---	---	---	---	18.5	17.5	18.0	22.5	21.5	22.0
18	---	---	---	12.5	12.0	12.0	19.0	18.0	18.5	23.5	22.0	22.5
19	---	---	---	13.5	12.5	13.0	20.0	19.0	19.0	23.5	23.0	23.0
20	---	---	---	13.5	13.0	13.0	20.5	19.5	20.0	23.5	23.0	23.0
21	---	---	---	13.0	12.5	13.0	20.5	20.5	20.5	23.5	23.0	23.0
22	---	---	---	13.0	12.5	13.0	21.0	20.5	21.0	23.5	23.0	23.0
23	---	---	---	13.0	12.5	12.5	21.5	20.5	21.0	24.0	23.0	23.5
24	---	---	---	12.5	12.0	12.5	21.5	20.5	21.0	25.0	23.5	24.0
25	---	---	---	12.5	12.0	12.5	21.5	21.0	21.0	25.5	24.0	24.5
26	15.0	14.0	14.5	13.0	12.0	12.5	21.0	20.5	20.5	25.0	24.0	24.5
27	15.5	15.0	15.0	13.5	12.5	13.0	20.5	19.5	20.0	24.5	23.5	24.0
28	15.5	14.5	15.0	13.5	13.0	13.5	19.5	18.5	19.0	23.5	23.0	23.5
29	15.0	14.5	14.5	13.5	13.0	13.5	18.5	18.0	18.0	23.5	22.5	23.0
30	---	---	---	13.5	13.5	13.5	18.0	17.0	17.5	22.5	21.5	22.0
31	---	---	---	14.0	13.5	13.5	---	---	---	21.5	20.0	20.5
MONTH	15.5	7.0	10.5	17.0	12.0	14.0	21.5	12.5	17.5	25.5	17.0	21.0
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	25.0	25.0	31.0	30.0	30.5	25.0	24.5	24.5
2	20.5	20.0	20.5	26.0	25.0	25.5	31.0	30.0	30.5	25.0	24.5	24.5
3	20.5	20.0	20.5	26.0	25.5	25.5	30.5	29.5	30.0	25.0	24.5	25.0
4	21.0	20.5	20.5	26.5	25.5	26.0	30.0	29.0	29.5	25.0	24.5	24.5
5	21.5	20.5	21.0	27.0	26.0	26.5	30.0	28.5	29.5	24.5	24.5	24.5
6	22.0	21.0	21.5	27.5	27.0	27.0	30.0	29.0	29.5	24.5	24.0	24.0
7	22.5	21.5	22.0	28.0	27.0	27.5	29.0	24.0	26.5	24.5	24.0	24.0
8	23.5	22.5	23.0	28.0	27.5	28.0	28.0	25.5	27.0	24.5	24.0	24.0
9	23.5	23.5	23.5	29.5	28.0	28.5	28.0	27.5	28.0	24.5	24.0	24.5
10	24.0	23.5	24.0	30.5	28.5	29.0	28.0	27.5	28.0	24.5	24.0	24.5
11	23.5	23.5	23.5	31.0	29.0	30.0	28.5	27.5	28.0	24.5	24.0	24.5
12	23.5	22.0	23.0	31.0	29.5	30.5	28.5	27.5	28.0	24.5	24.0	24.0
13	22.5	22.0	22.0	31.5	30.0	31.0	28.0	28.0	28.0	24.0	23.5	24.0
14	22.0	21.5	22.0	31.5	30.5	31.0	28.0	27.0	27.5	24.0	23.0	23.5
15	22.0	21.5	22.0	31.5	30.5	31.0	27.0	25.5	26.5	23.5	23.0	23.5
16	22.0	22.0	22.0	31.5	30.5	31.0	25.5	25.0	25.0	23.5	23.0	23.0
17	22.5	21.5	22.0	31.0	30.5	31.0	25.0	24.5	25.0	23.5	23.0	23.5
18	22.5	22.0	22.5	31.0	30.5	30.5	24.5	24.0	24.5	24.0	23.0	23.5
19	22.5	22.5	22.5	31.5	30.0	30.5	24.5	24.0	24.0	24.5	23.5	24.0
20	23.0	22.5	22.5	31.0	30.0	30.5	24.5	24.0	24.5	25.0	24.0	24.5
21	23.5	22.5	23.0	30.5	29.5	30.0	24.5	24.0	24.0	25.0	24.5	24.5
22	23.5	23.0	23.0	30.0	29.5	30.0	24.5	24.0	24.0	25.0	24.5	25.0
23	23.0	22.5	23.0	29.5	29.0	29.5	24.5	24.0	24.0	25.5	24.5	25.0
24	23.0	22.5	23.0	29.5	28.5	29.0	24.5	24.0	24.5	24.5	24.0	24.0
25	24.0	23.0	23.5	30.0	28.0	29.0	24.5	24.0	24.5	24.0	23.0	23.5
26	24.5	23.5	24.0	30.5	28.5	29.5	24.5	24.5	24.5	23.0	22.5	23.0
27	24.5	24.0	24.5	30.5	29.0	30.0	25.0	24.5	24.5	23.0	22.5	22.5
28	25.0	24.5	24.5	30.5	29.5	30.0	25.0	24.5	25.0	23.0	22.5	23.0
29	25.0	24.5	25.0	31.0	29.5	30.5	25.0	24.5	25.0	23.0	22.5	22.5
30	25.0	25.0	25.0	31.5	30.0	30.5	25.0	24.5	24.5	22.5	22.0	22.0
31	---	---	---	31.5	30.0	30.5	24.5	24.0	24.5	---	---	---
MONTH	25.0	20.0	22.5	31.5	25.0	29.0	31.0	24.0	26.5	25.5	22.0	24.0
YEAR	31.5	6.0	18.5									

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.6	3.1	3.4	4.4	4.1	4.3	7.3	7.1	7.2	8.5	8.2	8.4
2	3.8	3.4	3.6	4.3	4.0	4.2	7.3	7.1	7.2	8.6	8.3	8.5
3	---	---	---	4.4	4.2	4.3	7.2	7.0	7.2	8.6	8.1	8.5
4	---	---	---	4.4	4.0	4.2	7.2	6.9	7.1	8.5	8.2	8.3
5	---	---	---	4.4	4.0	4.3	7.2	6.7	6.9	8.4	8.2	8.3
6	---	---	---	4.6	4.2	4.4	7.1	6.8	6.9	8.2	8.0	8.1
7	---	---	---	4.7	4.3	4.5	7.2	6.9	7.1	8.0	7.9	8.0
8	5.1	4.7	4.9	4.9	4.4	4.7	7.5	7.1	7.3	8.0	7.8	7.9
9	5.4	5.0	5.3	5.6	4.8	5.1	7.6	7.4	7.5	7.9	7.8	7.8
10	5.4	5.3	5.4	5.6	5.2	5.3	7.8	7.4	7.5	8.0	7.8	7.9
11	5.5	5.4	5.5	5.9	5.6	5.8	7.5	7.3	7.4	8.1	7.9	8.0
12	5.5	5.4	5.5	6.1	5.7	6.0	7.5	7.3	7.4	8.2	8.0	8.1
13	5.5	5.3	5.4	6.4	6.0	6.2	7.4	7.2	7.3	8.5	8.1	8.3
14	5.5	5.4	5.4	6.6	6.3	6.5	7.3	7.2	7.3	8.7	8.3	8.5
15	5.6	5.4	5.5	6.8	6.3	6.5	7.2	7.1	7.2	8.4	8.1	8.2
16	5.7	5.5	5.6	6.9	6.7	6.8	7.3	7.1	7.2	8.5	8.1	8.3
17	5.8	5.6	5.7	7.0	6.8	6.9	7.5	7.2	7.4	8.7	8.4	8.5
18	5.7	5.4	5.6	7.0	6.8	6.9	7.6	7.3	7.5	9.0	8.6	8.9
19	5.7	5.4	5.6	7.1	6.8	7.0	7.9	7.5	7.8	9.4	8.9	9.2
20	5.7	5.5	5.7	7.1	6.8	7.0	8.1	7.8	7.9	9.7	9.4	9.5
21	5.8	5.6	5.7	7.0	6.7	6.9	8.2	8.0	8.1	10.0	9.7	9.8
22	5.8	5.5	5.6	6.8	6.5	6.7	8.3	8.1	8.2	10.3	10	10
23	5.7	5.4	5.6	6.6	6.2	6.4	8.3	8.1	8.2	10.6	10.0	10.3
24	5.5	5.1	5.4	6.3	6.1	6.2	8.5	8.1	8.3	10.1	9.6	9.8
25	5.4	5.0	5.2	6.2	6.0	6.1	8.7	8.3	8.5	9.6	9.4	9.5
26	5.3	4.7	5.0	6.3	6.0	6.2	8.6	8.3	8.5	9.6	9.4	9.5
27	5.1	4.5	4.9	6.5	6.2	6.4	8.7	8.4	8.5	9.6	9.3	9.5
28	4.9	4.2	4.7	6.9	6.4	6.6	8.4	8.2	8.3	9.7	9.5	9.6
29	4.8	4.5	4.7	7.1	6.7	6.9	8.5	8.0	8.3	9.6	9.4	9.5
30	4.7	4.4	4.5	7.2	7.0	7.1	8.3	8.1	8.2	9.4	9.1	9.3
31	4.6	4.2	4.4	---	---	---	8.4	8.1	8.3	9.2	9.0	9.1
MONTH	5.8	3.1	5.1	7.2	4.0	5.9	8.7	6.7	7.7	10.6	7.8	8.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.8	8.9	7.0	6.9	6.9	8.0	7.6	7.8	6.4	6.2	6.4
2	8.9	8.8	8.9	7.1	7.0	7.0	7.7	7.6	7.6	6.5	6.4	6.5
3	9.0	8.8	8.9	7.1	7.0	7.0	7.6	7.5	7.6	6.5	6.3	6.4
4	9.1	8.9	9.0	7.0	6.9	7.0	7.8	7.5	7.7	6.4	6.2	6.3
5	9.0	8.9	9.0	6.9	6.7	6.8	8.0	7.8	7.9	6.3	6.1	6.2
6	9.0	8.9	9.0	6.7	6.2	6.6	8.1	7.9	8.0	6.1	6.0	6.1
7	9.0	8.9	8.9	6.6	6.3	6.5	8.1	8.0	8.0	6.5	6.1	6.2
8	9.0	8.9	8.9	6.4	6.2	6.3	8.1	7.9	8.0	6.5	6.2	6.3
9	9.1	8.9	9.0	6.4	6.2	6.3	8.0	7.6	7.9	6.4	6.2	6.3
10	9.2	9.0	9.1	6.3	6.0	6.2	7.7	7.5	7.6	6.6	6.4	6.5
11	9.4	9.2	9.3	6.2	6.0	6.1	7.5	7.2	7.4	6.7	6.4	6.5
12	9.5	9.3	9.4	6.1	6.0	6.1	7.2	6.9	7.0	6.6	5.9	6.4
13	9.5	9.4	9.5	6.3	6.1	6.2	7.0	6.7	6.9	6.3	5.5	6.0
14	9.5	9.3	9.4	6.6	6.3	6.5	7.0	6.6	6.8	5.7	5.2	5.5
15	9.4	9.2	9.3	7.0	6.6	6.9	6.7	6.3	6.6	5.4	4.9	5.1
16	9.3	8.9	9.1	7.3	7.0	7.2	6.7	6.3	6.6	5.2	4.8	5.0
17	9.0	8.7	8.8	7.5	7.3	7.4	6.7	6.4	6.6	5.1	4.7	4.9
18	8.8	8.4	8.6	7.7	7.5	7.6	6.7	6.3	6.5	4.9	4.6	4.8
19	8.7	8.2	8.5	7.9	7.7	7.8	6.5	6.1	6.4	4.7	4.4	4.6
20	8.3	7.9	8.2	7.8	7.4	7.7	6.3	6.0	6.1	4.8	4.4	4.6
21	8.2	8.0	8.1	7.6	7.3	7.5	6.1	5.9	6.0	4.7	4.3	4.5
22	8.3	8.1	8.2	7.6	7.3	7.5	6.8	5.5	6.1	4.6	4.3	4.5
23	8.6	8.1	8.3	7.8	7.4	7.7	5.9	5.7	5.8	4.6	4.3	4.5
24	8.2	7.9	8.0	7.9	7.7	7.8	5.7	5.2	5.4	4.7	4.2	4.4
25	8.0	7.4	7.7	8.2	7.9	8.0	5.2	5.0	5.1	4.6	4.2	4.4
26	7.5	7.0	7.3	8.5	8.2	8.3	5.3	5.0	5.1	4.5	4.2	4.4
27	7.0	6.8	6.9	8.4	8.1	8.2	5.4	5.2	5.3	4.4	4.0	4.2
28	6.9	6.7	6.8	8.3	8.1	8.2	5.8	5.4	5.6	4.3	3.9	4.1
29	7.0	6.8	6.9	8.3	8.1	8.1	6.0	5.7	5.9	4.4	4.0	4.2
30	---	---	---	8.3	8.1	8.1	6.3	6.0	6.2	5.7	4.4	5.2
31	---	---	---	8.1	7.9	8.0	---	---	---	5.6	5.3	5.5
MONTH	9.5	6.7	8.5	8.5	6.0	7.2	8.1	5.0	6.7	6.7	3.9	5.4

WACCAMAW RIVER BASIN

02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC

LOCATION.--Lat 33°41'40'', long 79°02'54'', Horry County, Hydrologic Unit 03040206, on right bank 1400 ft Northwest of Peachtree landing near Bucksville.

PERIOD OF RECORD.--Water years 1990 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1989 to current year.

WATER TEMPERATURE: October 1989 to current year.

DISSOLVED OXYGEN: October 1989 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 218 microsiemens, July 29, 30, 1989; minimum, 56 microsiemens, Aug. 12, 1992.

WATER TEMPERATURE: Maximum, 32.5°C, July 25, 1991; minimum, 0.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Dec. 26, 1989; minimum, 0.8 mg/L, Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 100 microsiemens, Jan. 29 - 31. July 12, 27; minimum, 56 microsiemens, Aug. 12.

WATER TEMPERATURE: Maximum, 32.0°C, July 13 - 16; minimum, 6.5°C, Jan. 20 - 23.

DISSOLVED OXYGEN: Maximum, 9.8 mg/L, Jan. 21; minimum, 2.1 mg/L, June 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	82	80	81	83	76	78	93	91	92	97	96	96
2	82	80	81	88	80	85	94	84	92	97	96	96
3	85	80	83	88	79	83	94	92	93	97	95	96
4	86	82	85	81	77	78	96	92	93	96	94	95
5	86	84	85	78	77	78	96	70	92	96	95	96
6	85	81	83	79	77	78	94	92	93	96	93	94
7	83	79	81	79	77	78	94	92	93	94	90	92
8	81	79	80	80	78	79	93	91	92	90	87	88
9	80	77	79	82	78	79	93	82	91	89	87	88
10	80	78	78	79	77	79	94	87	92	89	86	87
11	80	78	79	92	78	80	94	81	92	87	85	86
12	79	76	77	84	81	82	94	89	92	86	84	85
13	79	74	76	86	83	84	93	91	92	85	82	83
14	79	73	75	91	86	88	94	92	93	83	80	81
15	79	71	73	92	87	91	95	89	94	83	80	81
16	79	70	73	93	87	92	95	93	94	84	82	83
17	71	70	70	93	87	92	97	93	94	83	80	81
18	72	70	71	94	91	92	98	93	94	82	80	81
19	71	69	71	96	91	93	98	92	94	82	80	80
20	72	71	71	98	92	95	96	93	94	81	79	80
21	73	71	72	98	95	96	97	93	95	93	78	85
22	73	71	72	96	94	95	97	93	95	93	86	90
23	73	71	72	96	92	94	98	93	96	93	89	91
24	72	71	72	94	91	93	97	92	94	93	92	92
25	73	70	72	93	91	92	96	93	94	94	91	93
26	74	72	73	93	91	92	96	93	95	95	87	92
27	74	72	73	93	90	92	95	93	94	96	92	94
28	75	70	74	92	83	91	95	93	94	98	95	96
29	76	74	74	92	90	91	95	93	93	100	97	99
30	76	74	75	92	90	92	97	94	96	100	100	100
31	78	75	76	---	---	---	97	95	96	100	99	100
MONTH	86	69	76	98	76	87	98	70	93	100	78	90

02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	99	98	99	86	84	85	87	82	84	82	66	72
2	98	97	98	85	81	83	95	76	84	69	64	67
3	97	96	97	81	78	80	88	59	74	66	63	65
4	96	95	95	80	77	79	95	60	67	67	61	65
5	95	93	94	79	76	77	75	61	72	68	62	65
6	93	92	92	80	76	77	64	61	63	69	66	67
7	92	90	91	78	75	76	64	61	62	82	68	75
8	90	89	90	79	77	78	62	60	61	84	67	79
9	92	90	91	82	77	79	69	60	61	81	67	72
10	92	92	92	81	78	79	66	60	61	82	68	76
11	93	92	92	81	78	80	62	61	62	82	68	78
12	94	93	93	82	79	80	63	62	62	85	69	82
13	94	93	94	81	78	80	64	62	63	83	80	82
14	94	94	94	82	79	80	65	63	64	84	78	82
15	94	93	94	80	77	79	66	64	65	83	79	81
16	94	93	94	80	76	78	65	64	64	84	80	82
17	93	92	93	80	75	77	67	64	65	86	81	83
18	92	91	92	79	75	76	80	66	70	85	78	83
19	91	90	91	79	75	76	81	69	77	85	83	84
20	90	89	90	80	75	76	81	69	77	86	83	84
21	89	88	89	80	76	77	80	68	71	86	83	84
22	88	87	88	81	76	78	69	61	66	86	84	84
23	87	86	87	83	79	80	89	61	65	87	84	85
24	86	85	86	84	78	80	88	62	66	88	80	86
25	86	84	85	84	79	82	87	60	67	89	86	87
26	86	84	85	84	80	82	69	60	61	89	80	88
27	84	80	82	85	79	83	64	60	63	89	80	86
28	86	80	83	87	83	84	65	64	64	89	80	83
29	87	83	85	86	82	84	81	64	67	84	80	81
30	---	---	---	86	82	83	82	80	81	89	80	86
31	---	---	---	86	83	84	---	---	---	89	80	85
MONTH	99	80	91	87	75	80	95	59	68	89	61	79
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	89	79	82	84	71	75	89	68	78	64	62	63
2	79	72	75	77	74	75	83	67	77	65	63	64
3	73	70	71	80	75	77	82	72	79	66	64	65
4	79	70	76	89	80	84	80	66	72	66	65	65
5	79	77	78	88	82	85	76	63	72	66	65	65
6	79	77	78	89	80	87	77	60	67	65	64	64
7	79	78	78	89	82	84	88	66	75	65	64	65
8	79	77	78	88	83	84	90	73	80	80	65	66
9	79	70	75	86	83	85	73	65	70	68	65	66
10	71	70	70	87	85	86	80	63	71	67	66	67
11	74	70	73	86	83	85	74	66	71	69	66	67
12	75	72	74	100	83	87	78	56	67	68	65	66
13	72	71	72	---	---	---	69	61	63	69	68	69
14	79	70	72	---	---	---	70	62	66	71	69	69
15	79	70	73	---	---	---	79	62	67	72	71	71
16	73	71	72	---	---	---	82	70	76	73	72	72
17	73	71	72	---	---	---	84	71	77	74	73	73
18	73	71	72	---	---	---	85	82	84	75	73	74
19	72	70	71	---	---	---	85	83	84	76	73	74
20	72	70	71	---	---	---	84	80	82	76	75	76
21	73	71	72	---	---	---	82	76	80	78	75	76
22	74	72	73	---	---	---	81	75	79	79	76	77
23	75	73	74	---	---	---	80	76	79	81	77	79
24	76	74	75	---	---	---	78	72	76	80	78	79
25	76	72	74	94	90	92	73	63	72	80	77	78
26	75	72	73	97	90	93	72	63	70	82	77	80
27	78	74	75	100	94	97	89	60	67	88	80	84
28	80	75	78	99	95	97	92	60	73	88	84	86
29	79	75	77	96	94	96	85	60	63	89	86	88
30	84	74	78	95	90	93	62	61	61	90	87	88
31	---	---	---	93	67	77	63	62	62	---	---	---
MONTH	89	70	74	100	67	86	92	56	73	90	62	73
YEAR	100	56	81									

WACCAMAW RIVER BASIN

02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

WACCAMAW RIVER BASIN

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02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.3	3.0	3.1	4.7	4.4	4.5	7.2	6.9	7.1	8.7	8.6	8.7
2	3.5	3.1	3.3	4.7	4.4	4.6	7.2	6.8	7.1	8.8	8.7	8.8
3	3.5	3.1	3.3	4.7	4.1	4.3	7.4	6.9	7.2	8.8	8.5	8.7
4	3.2	3.0	3.1	4.3	4.0	4.2	8.1	7.1	7.4	8.6	8.2	8.4
5	3.2	3.0	3.1	5.0	4.3	4.6	7.7	7.4	7.5	8.3	8.1	8.2
6	3.5	2.9	3.2	5.3	4.8	5.1	7.5	7.4	7.4	8.3	8.0	8.2
7	3.8	3.3	3.7	5.6	5.1	5.4	7.5	7.3	7.4	8.2	8.0	8.1
8	4.1	3.8	3.9	5.8	5.4	5.6	7.5	7.3	7.4	8.1	7.8	8.0
9	4.2	3.9	4.1	6.5	5.5	6.1	7.5	7.3	7.4	8.1	7.8	7.9
10	4.2	4.0	4.1	6.8	6.4	6.7	7.5	7.3	7.5	8.1	7.8	7.9
11	4.4	4.1	4.2	6.6	6.2	6.4	7.5	7.4	7.5	8.3	8.0	8.1
12	4.6	4.2	4.4	6.5	6.1	6.4	7.5	7.4	7.4	8.5	8.2	8.3
13	4.7	4.4	4.6	6.5	6.3	6.4	7.4	7.0	7.2	8.6	8.4	8.5
14	4.7	4.6	4.7	6.5	6.4	6.4	7.1	6.8	7.0	8.8	8.5	8.7
15	4.8	4.5	4.7	6.6	6.3	6.5	7.4	7.0	7.3	8.7	8.4	8.6
16	4.9	4.6	4.8	6.8	6.5	6.6	7.5	7.3	7.4	8.9	8.5	8.7
17	5.1	4.8	5.0	6.9	6.6	6.7	7.6	7.3	7.5	9.0	8.8	8.9
18	5.2	5.0	5.1	6.9	6.7	6.8	7.8	7.4	7.5	9.2	9.0	9.1
19	5.3	5.1	5.2	6.8	6.6	6.8	8.1	7.7	7.9	9.5	9.1	9.4
20	5.4	5.1	5.3	6.8	6.6	6.7	8.3	8.1	8.2	9.6	9.5	9.5
21	5.3	5.1	5.2	6.9	6.4	6.7	8.4	8.2	8.3	9.8	9.4	9.5
22	5.2	5.0	5.1	7.0	6.6	6.8	8.5	8.3	8.4	9.6	9.4	9.5
23	5.2	5.0	5.1	6.8	6.5	6.7	8.6	8.3	8.5	9.6	9.4	9.5
24	5.1	4.9	5.0	6.7	6.4	6.6	8.5	8.3	8.4	9.6	9.0	9.3
25	5.1	4.7	4.9	6.7	6.4	6.6	8.5	8.3	8.3	9.3	8.9	9.0
26	4.9	4.5	4.8	6.8	6.6	6.7	8.5	8.4	8.4	9.4	8.7	8.9
27	4.7	4.4	4.6	6.9	6.7	6.8	8.5	8.4	8.5	8.8	8.4	8.6
28	4.4	4.2	4.3	7.0	6.8	6.9	8.5	8.4	8.5	8.8	8.2	8.4
29	4.5	4.2	4.4	7.0	6.8	6.9	8.5	8.4	8.4	8.4	8.1	8.2
30	4.6	4.3	4.5	7.2	6.9	7.0	8.5	8.4	8.5	8.5	7.7	8.1
31	4.6	4.3	4.5	---	---	---	8.6	8.5	8.5	---	---	---
MONTH	5.4	2.9	4.4	7.2	4.0	6.1	8.6	6.8	7.8	9.8	7.7	8.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	7.0	6.8	6.9	7.7	7.5	7.6	5.0	4.5	4.8
2	---	---	---	7.0	6.8	7.0	7.7	7.3	7.5	5.2	4.8	4.9
3	---	---	---	7.0	5.1	6.6	7.3	7.1	7.3	5.0	4.8	4.9
4	---	---	---	6.7	6.2	6.5	7.3	7.0	7.2	5.0	4.5	4.9
5	---	---	---	6.5	6.1	6.3	7.3	7.1	7.2	4.9	4.4	4.6
6	---	---	---	6.1	5.7	5.9	7.4	7.0	7.2	4.9	4.2	4.5
7	---	---	---	6.1	5.4	5.7	7.4	7.0	7.3	5.3	4.4	4.8
8	---	---	---	6.0	4.9	5.3	7.3	7.0	7.1	5.3	4.8	5.0
9	---	---	---	6.1	3.9	5.0	7.1	6.9	7.0	5.1	4.6	4.9
10	---	---	---	6.2	5.8	6.0	7.1	6.9	7.0	5.1	4.5	4.7
11	---	---	---	6.5	5.9	6.2	7.0	6.5	6.8	5.0	4.5	4.6
12	---	---	---	6.5	6.2	6.3	6.7	6.3	6.5	5.0	4.4	4.7
13	---	---	---	6.4	6.2	6.3	6.6	6.1	6.4	4.6	4.1	4.5
14	---	---	---	6.7	6.4	6.5	6.5	6.2	6.3	4.6	4.0	4.3
15	---	---	---	7.0	6.6	6.8	6.4	6.0	6.2	4.5	4.0	4.2
16	---	---	---	7.4	6.9	7.2	6.3	5.8	5.9	4.2	3.6	3.9
17	---	---	---	7.6	7.4	7.4	6.0	5.6	5.9	4.2	3.7	3.9
18	---	---	---	7.6	7.4	7.5	6.0	5.5	5.8	4.1	3.6	3.8
19	---	---	---	7.8	7.5	7.6	5.9	5.6	5.8	4.0	3.6	3.7
20	---	---	---	7.7	7.5	7.6	5.8	5.5	5.6	4.1	3.6	3.8
21	---	---	---	7.7	7.5	7.6	5.9	5.4	5.6	4.1	3.7	4.0
22	---	---	---	7.7	7.3	7.6	5.9	5.1	5.5	4.2	3.7	4.0
23	---	---	---	7.5	7.3	7.4	5.3	4.5	4.9	4.1	3.7	4.0
24	---	---	---	7.8	7.4	7.6	4.8	4.4	4.7	4.1	3.6	3.9
25	---	---	---	8.0	7.7	7.8	4.7	4.3	4.4	4.1	3.6	3.9
26	---	---	---	8.2	7.9	8.0	4.7	4.4	4.5	4.1	3.7	3.9
27	---	---	---	8.3	8.1	8.1	4.7	4.4	4.5	4.4	3.7	3.9
28	---	---	---	8.3	8.1	8.2	4.8	4.3	4.6	5.3	3.7	4.2
29	7.0	6.7	6.8	8.1	7.9	8.0	4.9	4.5	4.8	5.4	4.0	4.6
30	---	---	---	8.0	7.7	7.9	5.0	4.4	4.7	5.8	4.9	5.4
31	---	---	---	7.8	7.6	7.7	---	---	---	5.4	4.0	4.6
MONTH	7.0	6.7	6.8	8.3	3.9	7.0	7.7	4.3	6.1	5.8	3.6	4.4

LITTLE RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC

LOCATION.--Lat 33°41'13'', long 79°00'18'', Horry County, Hydrologic Unit 03040206, on east bank of the Atlantic Intracoastal Waterway, 100 ft south of State Highway 544, 4.2 mi north of junction with the Waccamaw River and at AIW mile 371.0.

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1986 to current year.

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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 360 microsiemens, Apr. 5, 1990; minimum, 47 microsiemens, Mar. 27, 1987.

pH: Maximum, 7.7 units, Aug. 29, 1988; minimum, 5.1 units, Sept. 13, 1988.

WATER TEMPERATURE: Maximum, 32.5°C, July 12, 1989; minimum, 1.0°C, Dec. 28, 1989.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 13, 14, 16-18, 1988; minimum, 0.4 mg/L, Oct. 5, 6, 18, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 117 microsiemens, Nov. 4; minimum, 62 microsiemens, Apr. 28, May 13.

WATER TEMPERATURE: Maximum, 32.0°C, July 13, 14; minimum, 6.5°C, Jan. 22.

DISSOLVED OXYGEN: Maximum, 8.9 mg/L, Jan. 24; minimum, 1.1 mg/L, Sept. 3, 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

LITTLE RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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

LITTLE RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

LITTLE RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.5	21.0	21.5	26.5	26.0	26.0	30.5	29.5	30.0	25.5	24.5	25.0
2	22.0	21.5	22.0	26.5	26.0	26.5	30.0	29.5	30.0	25.5	25.0	25.0
3	22.0	21.5	21.5	26.5	26.0	26.5	30.0	29.0	29.5	25.5	25.0	25.0
4	22.0	21.5	21.5	27.5	26.0	26.5	29.5	29.0	29.5	25.0	25.0	25.0
5	22.5	21.5	22.0	28.0	26.5	27.0	30.0	29.0	29.5	25.0	24.5	25.0
6	23.5	22.0	22.5	28.0	27.0	27.5	29.5	29.0	29.0	24.5	24.0	24.5
7	24.5	23.0	23.5	28.5	27.5	28.0	29.0	28.0	28.5	24.5	24.0	24.5
8	25.0	23.5	24.0	29.0	27.5	28.0	29.0	28.0	28.5	25.0	24.0	24.5
9	24.5	24.0	24.5	29.5	28.0	29.0	29.0	28.0	28.5	25.5	24.5	25.0
10	24.5	24.0	24.5	30.5	28.5	29.5	29.0	28.0	28.5	25.5	25.0	25.0
11	24.5	24.0	24.0	31.0	29.0	30.0	30.0	28.5	29.0	25.5	25.0	25.0
12	24.0	23.0	23.5	31.5	30.0	30.5	29.5	28.5	29.0	25.5	25.0	25.0
13	23.0	23.0	23.0	32.0	30.0	31.0	29.0	29.0	29.0	25.0	24.0	24.5
14	23.0	22.5	23.0	32.0	30.5	31.0	29.0	28.0	28.5	24.5	23.5	24.0
15	23.0	22.5	23.0	31.5	30.5	31.0	28.5	27.5	28.0	24.5	23.5	24.0
16	23.0	23.0	23.0	31.0	30.5	31.0	27.5	27.0	27.5	24.0	23.5	24.0
17	23.5	23.0	23.0	31.0	30.5	30.5	27.0	26.0	26.5	24.5	23.5	24.0
18	23.5	23.0	23.5	31.0	30.0	30.5	26.5	25.5	26.0	24.0	23.5	24.0
19	23.5	23.0	23.5	31.0	30.0	30.5	26.5	25.0	25.5	24.5	24.0	24.0
20	24.0	23.0	23.5	31.0	30.0	30.0	26.0	25.0	25.5	24.5	24.0	24.5
21	24.5	23.5	24.0	30.0	29.5	30.0	25.0	24.5	25.0	25.0	24.5	24.5
22	24.5	23.5	24.0	30.0	29.5	29.5	25.0	24.5	24.5	25.5	24.5	25.0
23	24.5	23.5	24.0	30.0	29.0	29.5	25.0	24.5	25.0	25.5	25.0	25.0
24	24.5	23.5	24.0	30.0	29.0	29.5	25.5	24.5	25.0	25.0	24.0	24.5
25	25.0	24.0	24.5	30.5	29.0	29.5	25.5	25.0	25.0	24.0	23.5	23.5
26	26.0	25.0	25.5	31.0	29.5	30.0	25.5	25.0	25.5	23.5	22.5	23.0
27	25.5	25.5	25.5	31.0	29.5	30.0	25.5	25.0	25.5	23.5	22.5	23.0
28	26.0	25.0	25.5	30.5	30.0	30.0	25.5	25.0	25.5	23.0	23.0	23.0
29	26.0	25.5	26.0	30.5	30.0	30.0	25.5	25.0	25.5	23.5	23.0	23.0
30	26.0	25.5	26.0	30.5	29.5	30.0	25.5	24.5	25.0	23.0	22.0	22.5
31	---	---	---	30.5	30.0	30.0	25.5	24.5	25.0	---	---	---
MONTH YEAR	26.0 32.0	21.0 6.5	23.5 19.0	32.0	26.0	29.5	30.5	24.5	27.0	25.5	22.0	24.5

LITTLE RIVER BASIN

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

LITTLE RIVER BASIN

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: April 1986 to September 1989 (discontinued).

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

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

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sept. 22; minimum, 57 microsiemens, Mar. 14-16, 1987.

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, 7,350 microsiemens, Nov. 10; minimum, 72 microsiemens, Aug. 30 - Sept. 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	152	100	118	2630	120	700	284	128	176	184	132	152
2	250	106	148	7350	168	1680	292	128	183	151	131	141
3	226	104	124	585	121	201	484	130	220	152	127	139
4	152	102	118	145	107	126	158	122	140	140	122	132
5	160	108	128	188	96	125	594	124	250	141	123	132
6	134	112	123	295	109	161	864	128	303	152	123	136
7	184	108	138	287	113	164	256	128	168	144	126	135
8	203	128	162	268	118	160	152	118	139	141	127	134
9	163	144	153	234	122	151	166	114	135	133	121	128
10	159	134	149	156	128	137	191	117	144	130	118	124
11	153	142	149	142	122	132	149	120	136	134	118	125
12	155	138	146	140	113	128	136	116	127	128	114	125
13	153	135	143	129	113	120	131	115	124	124	106	116
14	146	131	141	123	109	118	127	111	120	126	106	117
15	162	139	147	123	111	119	130	111	124	126	108	118
16	162	147	156	116	100	111	132	116	127	126	108	118
17	162	123	141	122	96	111	153	121	136	130	112	120
18	136	114	125	126	102	115	150	123	137	140	106	123
19	121	104	114	122	102	114	328	122	178	126	104	117
20	123	110	117	182	104	131	773	131	316	---	---	---
21	130	110	120	252	108	151	1010	133	368	---	---	---
22	124	102	114	522	114	230	1340	132	429	124	104	114
23	128	102	117	334	112	184	1550	139	529	160	102	124
24	223	101	137	224	116	150	363	131	215	114	104	110
25	413	103	197	348	112	172	788	140	331	118	104	113
26	569	105	234	370	122	199	379	147	248	116	104	111
27	577	113	241	194	124	150	201	134	166	118	104	110
28	367	113	189	150	124	139	226	134	168	112	96	105
29	236	112	154	152	126	143	149	130	140	114	100	108
30	136	108	127	170	128	147	149	129	140	114	100	107
31	432	110	190	---	---	---	196	132	154	114	94	104
MONTH	577	100	147	7350	96	216	1550	111	202	184	94	122

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	118	100	106	122	102	111	122	104	113	106	90	96
2	114	96	106	116	100	106	122	106	114	104	90	96
3	114	94	104	108	96	105	118	100	113	104	90	95
4	114	94	104	122	100	108	122	104	110	102	86	94
5	108	94	103	118	96	107	116	96	108	102	84	93
6	114	96	106	106	92	98	114	100	107	94	84	91
7	112	100	105	168	92	110	118	96	108	100	86	92
8	104	92	101	108	96	104	122	92	107	102	90	95
9	102	92	98	---	---	---	122	100	111	102	92	95
10	126	92	99	---	---	---	122	100	111	104	94	99
11	104	92	99	---	---	---	492	106	236	102	90	95
12	102	92	97	---	---	---	414	106	235	104	86	95
13	108	92	100	---	---	---	184	100	123	108	92	99
14	108	92	101	---	---	---	184	106	125	108	92	100
15	114	96	105	---	---	---	148	104	118	104	92	98
16	128	94	111	---	---	---	442	112	270	112	94	102
17	188	100	133	---	---	---	636	100	125	126	102	110
18	138	104	120	---	---	---	636	104	352	128	102	115
19	126	104	117	---	---	---	570	108	155	126	104	114
20	128	108	120	---	---	---	370	118	191	128	106	117
21	128	108	119	---	---	---	282	116	158	152	112	126
22	126	108	118	---	---	---	156	108	126	128	114	122
23	126	106	121	---	---	---	124	108	118	130	108	120
24	124	108	116	114	92	100	126	104	116	126	106	118
25	126	114	119	106	90	98	118	106	114	202	112	138
26	124	108	116	---	---	---	122	102	112	188	124	151
27	126	108	119	---	---	---	116	100	108	150	122	137
28	126	108	117	---	---	---	114	100	108	338	128	170
29	118	104	112	---	---	---	114	96	106	492	136	210
30	---	---	---	---	---	---	114	94	103	468	114	182
31	---	---	---	---	---	---	---	---	---	122	96	108
MONTH	188	92	110	168	90	105	636	92	140	492	84	115
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	112	94	104	114	92	103	744	174	415	80	72	76
2	116	84	100	112	92	102	2930	184	950	82	72	78
3	106	86	96	122	100	111	1020	182	485	80	72	78
4	138	92	104	122	104	114	488	170	274	84	74	80
5	116	104	109	124	100	113	668	168	299	86	78	82
6	118	100	112	122	100	113	788	172	326	90	78	82
7	114	96	107	136	102	118	324	160	210	94	80	86
8	108	90	100	156	106	127	246	156	192	100	82	88
9	104	86	95	158	108	130	234	144	182	96	84	90
10	118	90	100	210	114	145	274	148	178	100	84	93
11	122	96	107	312	124	169	280	152	189	104	90	97
12	118	94	105	304	128	175	398	152	199	108	90	98
13	124	94	104	432	134	192	336	160	235	104	92	99
14	140	86	104	818	138	244	310	158	201	106	92	100
15	138	92	103	814	144	289	204	152	176	102	90	97
16	158	84	106	598	150	259	182	146	165	100	84	93
17	108	86	95	538	152	256	168	130	149	100	84	93
18	134	84	99	306	152	212	150	124	138	108	92	99
19	104	84	92	244	158	202	138	118	127	124	96	109
20	106	84	92	226	156	195	124	106	117	184	104	126
21	104	82	91	222	158	194	118	104	113	166	108	126
22	108	82	90	252	152	200	114	102	109	190	108	132
23	104	82	89	450	156	234	112	92	102	336	114	161
24	104	82	88	512	156	245	104	84	93	964	126	289
25	104	82	89	454	146	233	96	82	90	1100	146	457
26	100	82	91	1300	146	385	94	82	88	468	140	252
27	108	86	94	776	146	322	92	80	86	350	134	202
28	108	90	98	2450	148	475	90	80	84	280	122	173
29	118	92	104	6640	178	1270	86	74	80	196	114	144
30	118	92	106	6340	188	1250	82	72	78	190	114	144
31	---	---	---	2610	174	670	82	72	78	---	---	---
MONTH	158	82	99	6640	92	285	2930	72	200	1100	72	131
YEAR	7350	72	160									

LITTLE RIVER BASIN

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

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

PERIOD OF RECORD.--

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, 38,300 microsiemens, July 14; minimum, 42 microsiemens, Aug. 30, 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2210	104	336	21700	156	7250	---	---	---	4120	140	567
2	6080	114	985	25900	412	9320	---	---	---	2710	138	400
3	680	116	210	10600	150	1430	---	---	---	3820	136	559
4	3280	120	496	2460	122	344	1640	146	321	738	128	188
5	2780	120	525	4430	116	678	7810	152	1710	334	134	174
6	2460	120	416	7870	128	1250	13600	168	2250	3740	140	506
7	3360	120	636	8690	128	1270	5620	156	784	730	144	199
8	6360	120	900	8060	136	1220	1970	146	329	214	130	149
9	3080	124	414	9470	138	1380	2160	138	343	152	118	131
10	1040	116	220	9090	144	1180	3260	140	498	160	114	123
11	1140	114	213	1500	140	242	3500	146	556	152	116	128
12	980	112	201	5300	128	659	442	134	181	192	112	127
13	1710	116	258	602	124	189	256	126	153	202	102	121
14	1810	114	265	328	122	150	258	122	147	842	104	153
15	1250	114	196	282	124	148	382	126	167	204	108	123
16	2030	108	251	246	116	152	524	134	194	140	108	119
17	1240	112	242	1070	116	260	1750	136	306	836	108	201
18	314	108	139	1460	122	306	1390	138	305	1170	106	265
19	404	104	155	1400	118	278	4200	138	749	1130	106	215
20	1010	104	241	2630	122	437	8950	148	1930	---	---	---
21	2410	112	392	3670	124	653	14100	166	2400	462	104	181
22	1510	106	277	7330	130	1210	14300	156	3130	470	104	146
23	2540	104	427	5680	134	917	17600	166	3380	2820	100	399
24	4160	106	682	5020	138	697	7830	150	1310	126	102	110
25	7200	112	1250	4440	136	770	13600	160	2800	128	102	112
26	9910	118	1740	8330	144	1380	13300	172	2980	136	104	109
27	11200	124	1960	5320	144	803	7160	152	957	144	100	109
28	11300	126	1980	4150	146	666	5290	144	827	130	96	105
29	8930	126	1460	4260	144	790	2320	138	312	144	96	106
30	5170	124	666	4390	144	700	1080	138	245	136	96	108
31	13400	122	2470	---	---	---	3690	144	534	126	92	103
MONTH	13400	104	665	25900	116	1220	17600	122	1060	4120	92	201

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSCIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	126	96	107	150	96	111	130	100	112	124	86	101
2	128	94	105	224	94	107	136	100	111	112	90	99
3	122	92	103	124	92	104	180	100	116	122	84	96
4	140	92	104	150	100	114	138	96	109	128	84	96
5	192	92	110	136	104	116	138	94	106	122	84	95
6	240	96	127	118	86	102	138	96	107	106	84	93
7	140	94	107	122	86	98	150	100	108	116	90	95
8	114	92	100	108	86	99	188	96	112	114	92	97
9	130	90	99	124	86	99	558	100	144	114	90	97
10	126	92	100	228	84	96	290	102	127	118	96	103
11	156	90	103	112	86	94	270	102	126	122	82	98
12	124	92	98	246	90	98	270	104	133	368	82	112
13	280	94	115	168	90	96	2960	104	505	354	90	128
14	238	92	108	108	90	98	1330	112	303	216	84	109
15	942	96	193	112	90	98	1780	108	309	150	82	101
16	1350	96	232	118	90	100	1990	106	320	468	90	125
17	2630	102	679	266	90	137	2150	104	319	870	100	163
18	2840	104	403	296	86	158	2860	102	365	848	96	159
19	1340	104	260	134	86	100	4400	116	485	848	102	157
20	524	104	162	634	90	128	4900	122	698	936	106	182
21	470	104	162	634	92	128	4240	122	561	1620	108	271
22	484	104	159	170	90	106	1090	106	215	480	112	157
23	564	106	165	156	90	106	188	108	125	274	106	135
24	422	104	172	184	90	105	160	106	120	266	106	140
25	138	106	117	130	92	99	158	108	119	4370	114	625
26	152	104	113	114	90	98	152	106	119	4550	126	776
27	182	104	118	118	100	105	190	106	123	2920	124	426
28	144	106	116	114	100	107	244	100	125	7340	128	1140
29	118	102	109	248	102	113	492	100	154	11100	150	2150
30	---	---	---	140	100	114	160	96	112	896	106	157
31	---	---	---	140	100	112	---	---	---	126	94	107
MONTH	2840	90	160	634	84	108	4900	94	216	11100	82	271
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	190	112	129	188	86	104	---	---	---	78	48	60
2	314	116	141	912	84	130	---	---	---	84	50	63
3	380	136	153	942	96	175	---	---	---	80	56	64
4	422	156	182	590	100	161	---	---	---	160	52	62
5	216	162	174	200	100	125	---	---	---	160	56	73
6	188	168	175	202	96	125	---	---	---	160	52	62
7	184	152	164	1000	100	190	---	---	---	86	56	64
8	166	146	155	4420	108	617	---	---	---	80	56	66
9	166	140	149	5200	180	756	---	---	---	84	56	72
10	170	146	153	10700	300	1590	---	---	---	90	62	79
11	172	148	157	20100	460	2960	---	---	---	140	68	79
12	182	156	166	18200	460	2890	---	---	---	160	64	79
13	172	146	162	25700	460	3920	---	---	---	180	52	74
14	166	148	155	38300	480	5220	4220	152	660	188	60	90
15	160	144	149	28200	360	5020	2480	138	385	135	62	88
16	156	140	147	36400	480	5050	974	138	220	119	71	91
17	156	136	145	37000	500	5720	260	108	137	180	100	136
18	152	136	143	---	---	---	140	100	119	620	120	191
19	152	138	143	---	---	---	240	96	136	800	140	214
20	150	136	143	---	---	---	240	86	122	2220	140	400
21	156	136	144	---	---	---	114	80	95	1720	140	373
22	---	---	---	---	---	---	112	74	89	3240	140	527
23	---	---	---	---	---	---	104	72	83	3440	160	764
24	140	80	88	---	---	---	96	62	76	13000	200	2650
25	100	78	84	---	---	---	92	60	72	11600	280	3370
26	92	78	84	---	---	---	82	60	71	9120	200	1620
27	114	82	90	---	---	---	84	58	69	8360	200	1310
28	318	86	111	---	---	---	90	58	68	4700	200	879
29	626	86	148	---	---	---	80	52	64	2140	200	450
30	484	90	132	---	---	---	80	42	60	3840	240	646
31	---	---	---	---	---	---	80	42	59	---	---	---
MONTH	626	78	142	38300	84	2040	4220	42	144	13000	48	490
YEAR	38300	42	517									

LITTLE RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to current year.

pH: April 1986 to September 1989 (discontinued).

WATER TEMPERATURE: April 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,500 microsiemens, Aug. 8, 1987; minimum, 62 microsiemens, Aug. 27, 1992.

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; minimum, 2.0°C, Dec. 23 - 26, 28, 1989.

DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, 1988; minimum, 1.5 mg/L, Oct. 6, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,200 microsiemens, July 29; minimum, 62 microsiemens, Aug. 27.

WATER TEMPERATURE: Maximum, 32.5°C, July 11 - 14, 31 Aug. 12; minimum, 8.5°C, Jan. 19, Feb. 9 - 13.

DISSOLVED OXYGEN: Maximum, 9.7 mg/L, Feb. 7, 8; minimum, 1.7 mg/L, Sept. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	46900	18100	29800	28400	478	8380	31500	322	8040
2	---	---	---	---	---	---	31300	478	9700	29900	280	7130
3	---	---	---	---	---	---	33000	780	10000	31800	306	7650
4	---	---	---	---	---	---	24400	230	4860	27600	224	4230
5	---	---	---	---	---	---	34200	428	13800	24600	170	4360
6	---	---	---	---	---	---	36300	1660	13400	32700	302	7750
7	---	---	---	---	---	---	29300	442	7970	27400	250	5030
8	35400	724	10600	---	---	---	23500	446	5360	17900	160	2380
9	20500	1050	6130	---	---	---	25100	248	5310	6790	122	1420
10	15700	358	4150	---	---	---	30800	282	7550	12200	528	2000
11	15800	346	3950	---	---	---	26700	692	8400	12600	140	1970
12	15000	336	3440	---	---	---	19500	338	4350	11800	180	2560
13	---	---	---	---	---	---	9520	222	2620	14300	240	2810
14	---	---	---	---	---	---	8490	206	2510	21700	514	3560
15	21800	494	5200	9110	240	2960	9900	180	2770	14200	516	2600
16	22100	512	5680	8280	248	2880	7520	274	3140	9200	534	1730
17	24000	962	7540	21900	214	4970	24500	296	5740	27000	532	4920
18	21700	542	4900	24300	610	6180	22700	224	5140	26800	554	6990
19	14900	432	3740	23100	336	4890	30500	314	8850	27300	622	6150
20	18800	598	4930	28600	272	6000	---	---	---	---	---	---
21	25000	976	8160	---	---	---	---	---	---	---	---	---
22	19700	532	6860	---	---	---	---	---	---	---	---	---
23	21300	366	7300	---	---	---	---	---	---	---	---	---
24	24900	462	9510	---	---	---	37700	556	13000	---	---	---
25	38900	580	13700	---	---	---	38100	1450	16200	---	---	---
26	38700	840	15500	34200	690	11700	36100	2520	16700	---	---	---
27	27100	956	13500	27400	554	8870	29600	410	10600	---	---	---
28	35500	1080	15800	24100	652	8610	31900	468	10500	4480	192	656
29	23300	1090	12100	23700	602	9210	26400	194	5210	9960	190	1630
30	31100	870	12200	25300	478	8130	23600	194	4590	---	---	---
31	44400	2810	19800	---	---	---	29100	284	7580	9520	200	1360
MONTH	44400	336	8850	46900	214	8680	38100	180	7930	32700	122	3950

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	9590	148	1900	9160	140	1960	8980	86	1680
2	---	---	---	2640	134	716	10500	136	1530	3550	122	757
3	5090	194	1190	5300	126	1010	17900	148	2620	9820	74	988
4	9130	206	1870	9940	144	2080	4770	162	1320	21800	70	1460
5	9930	206	2060	4770	184	1300	12200	144	1060	21800	70	1170
6	9810	332	3330	2350	120	617	12200	152	1350	5680	70	561
7	9820	238	2770	1210	104	335	17500	150	1700	---	---	---
8	8770	204	1690	836	114	256	15200	206	1930	18900	72	1370
9	8540	210	1380	1350	112	319	11200	324	2900	722	74	200
10	10300	170	2070	3520	102	367	15400	368	2670	738	78	238
11	16400	114	2200	4650	100	387	15900	402	2540	3470	74	450
12	6050	118	996	5720	106	656	7600	300	2160	24600	90	3050
13	19400	134	3420	7020	114	811	31700	358	7570	24000	252	4360
14	17200	136	2560	8440	112	1100	26100	388	7650	21200	218	3170
15	24400	140	5460	8240	106	870	27200	292	6900	15600	168	1900
16	24500	224	4950	9880	122	1500	31600	248	6700	19800	200	1830
17	33900	248	11700	9600	148	1670	29800	222	6180	25000	304	3090
18	33300	420	9470	12600	128	1930	28100	262	6230	22500	310	3680
19	31300	340	8120	7490	174	1660	28100	392	6910	25300	366	3730
20	18900	244	4520	15200	184	3430	19000	646	6820	19200	214	4630
21	15100	262	3900	11000	256	2730	17400	400	5860	27000	372	6820
22	20600	246	3660	11300	140	1910	12800	206	3140	19300	270	5200
23	17200	218	3170	9620	126	1430	9780	134	1680	20000	226	4000
24	12000	120	1970	12500	138	1740	6990	140	1700	14800	302	4330
25	13400	174	2080	8540	130	1110	9140	174	2380	25200	468	9290
26	13800	152	1580	8480	114	1390	13700	136	2710	26600	1860	12500
27	16100	134	2700	2790	118	368	18000	188	4160	25800	690	8880
28	9020	172	1620	8360	122	1260	17500	256	5010	30200	936	11900
29	2620	148	663	8800	134	1930	18000	268	5220	39200	5320	16400
30	---	---	---	6360	144	1470	12400	240	4230	19100	280	4910
31	---	---	---	7660	138	1430	---	---	---	6780	106	671
MONTH	33900	114	3370	15200	100	1280	31700	134	3830	39200	70	4110
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	21500	146	1710	12900	148	2860	45200	2420	21600	194	80	96
2	24800	124	2260	29600	136	4170	46800	5510	27100	1630	82	153
3	24800	146	2730	33400	340	6650	43000	2810	22500	350	82	116
4	26700	196	3860	27200	244	5170	39200	1030	17000	360	82	109
5	21100	148	2250	11200	200	3100	34800	1060	15700	568	90	142
6	8990	140	1330	14800	196	3250	36900	1720	16900	840	90	146
7	8610	138	1680	22200	280	4570	33500	820	13200	3070	94	355
8	5890	124	896	25000	238	5830	30700	490	10900	4280	90	381
9	6840	114	850	24800	240	5430	28000	538	9620	3970	80	539
10	782	112	215	26600	280	6440	25800	502	8460	6850	104	976
11	12400	116	1330	24100	424	7310	28200	748	9140	3770	108	807
12	27100	126	2680	20000	432	7370	28200	680	9910	8860	114	1240
13	20800	122	2060	23200	398	7360	33400	3550	15100	11400	126	1820
14	4480	134	773	36900	822	13200	26800	942	12400	22400	168	4780
15	2810	116	427	35100	1090	14500	22600	638	8920	17500	168	2580
16	984	108	217	33600	1460	14000	24600	362	6680	12300	122	1960
17	1680	114	208	34000	2030	14900	15100	200	2380	11100	82	1690
18	582	124	189	31400	2440	14800	2350	156	437	21900	108	3330
19	324	126	156	33400	2170	15500	4290	210	654	21200	190	4390
20	1390	106	205	34400	1870	15300	3840	158	774	26900	392	7790
21	614	104	156	30600	1800	14800	3490	162	496	28800	412	9480
22	1600	104	330	35800	1140	15700	2390	156	441	33600	420	10600
23	2070	100	244	37100	1640	17800	560	160	254	38700	634	12800
24	964	100	196	38000	1660	19200	404	74	192	43400	3020	20200
25	1930	104	249	39000	512	14600	4380	92	450	45400	8060	25500
26	3680	102	465	42300	914	17700	5350	92	477	41900	2910	19400
27	14900	106	1360	42100	834	18100	5050	62	488	38500	1160	16400
28	24100	118	2860	47200	566	15800	1430	68	383	43400	744	15200
29	29200	166	4690	52200	5290	27600	668	122	253	34900	422	10200
30	30100	170	5240	51100	5160	29400	764	84	237	---	---	---
31	---	---	---	45600	1970	24900	2350	82	194	---	---	---
MONTH	30100	100	1390	52200	136	12500	46800	62	7520	45400	80	5970
YEAR	52200	62	5600									

LITTLE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

LITTLE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.0	21.5	22.5	29.0	28.0	28.5	32.0	30.5	31.5	27.0	25.5	26.5
2	24.0	22.0	23.0	29.0	27.5	28.0	31.0	29.5	30.5	27.0	26.0	26.5
3	24.0	22.5	23.0	29.0	27.5	28.5	30.5	29.5	30.0	27.0	26.0	26.5
4	24.0	23.0	23.0	29.5	28.0	28.5	30.5	29.0	30.0	27.0	26.0	26.5
5	24.5	23.0	23.5	30.5	28.5	29.0	31.0	29.5	30.5	26.5	26.0	26.5
6	25.5	23.5	24.5	30.0	29.0	29.5	30.5	29.5	30.0	26.0	25.5	25.5
7	26.5	24.5	25.5	30.5	29.0	29.5	30.0	29.0	29.5	26.0	25.0	25.5
8	27.5	25.5	26.5	31.0	29.5	30.0	30.5	29.0	30.0	26.0	25.0	25.5
9	27.0	26.5	26.5	31.0	30.0	30.5	31.0	29.5	30.5	26.5	25.5	26.0
10	26.5	26.0	26.0	32.0	30.0	31.0	31.0	30.0	30.5	27.5	26.0	27.0
11	26.0	25.0	25.5	32.5	31.0	31.5	31.5	30.5	31.0	27.5	26.5	27.0
12	25.0	24.0	24.5	32.5	31.5	32.0	32.5	30.5	31.0	27.0	26.5	26.5
13	24.5	23.5	24.0	32.5	31.5	32.0	31.5	30.0	30.5	26.5	25.5	26.0
14	24.5	24.0	24.0	32.5	31.0	31.5	30.5	29.5	30.0	26.5	25.0	26.0
15	25.5	23.5	24.5	32.0	30.5	31.5	30.0	29.0	29.5	26.0	25.0	25.5
16	25.0	24.5	24.5	32.0	30.5	31.0	29.0	28.5	29.0	26.0	25.5	25.5
17	25.0	23.5	24.5	32.0	30.5	31.0	29.0	27.5	28.0	27.0	25.5	26.0
18	26.0	24.0	25.0	31.5	30.0	30.5	28.0	26.5	27.5	27.0	25.5	26.0
19	26.0	24.5	25.0	31.0	30.0	30.5	28.5	27.0	27.5	27.0	25.5	26.0
20	26.0	24.5	25.5	30.5	30.0	30.0	28.0	27.0	27.5	27.5	26.0	26.5
21	27.0	25.0	25.5	30.5	29.5	30.0	27.5	26.5	27.0	27.0	26.5	26.5
22	25.5	24.5	25.0	30.5	29.5	30.0	27.0	26.0	26.5	27.5	26.0	27.0
23	26.0	24.5	25.0	30.5	29.5	30.0	27.0	26.0	26.5	27.5	26.0	27.0
24	26.5	25.0	25.5	30.5	29.5	30.0	27.5	26.0	27.0	26.0	25.0	25.5
25	27.5	25.5	26.5	31.0	29.5	30.0	28.0	26.5	27.0	25.0	24.0	24.5
26	27.5	26.5	27.0	31.5	30.0	30.5	28.0	27.0	27.5	24.0	23.5	24.0
27	28.0	27.0	27.0	31.5	30.0	31.0	28.0	27.0	27.5	25.5	24.0	24.5
28	27.5	26.5	27.0	31.5	29.5	31.0	28.0	26.5	27.0	25.0	24.5	25.0
29	28.5	27.0	27.5	31.5	29.5	30.5	28.0	26.5	27.0	25.0	24.0	24.5
30	28.5	27.5	28.0	32.0	30.0	31.0	27.5	26.0	27.0	---	---	---
31	---	---	---	32.5	30.5	31.5	27.0	26.0	26.5	---	---	---
MONTH YEAR	28.5 32.5	21.5 8.5	25.0 20.5	32.5	27.5	30.5	32.5	26.0	28.5	27.5	23.5	26.0

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.3	4.8	5.7	5.5	4.5	5.0	6.8	5.7	6.1	3.8	2.2	3.3
2	5.7	4.5	5.2	5.4	4.4	5.0	6.3	5.4	5.8	3.5	1.7	3.0
3	5.5	4.2	4.7	5.4	4.5	5.1	5.9	5.0	5.5	3.5	1.9	3.0
4	5.5	4.6	5.1	5.5	4.6	5.1	6.5	5.0	5.7	3.6	1.8	3.1
5	5.5	4.6	5.1	5.4	4.6	5.0	6.3	4.9	5.6	4.2	2.0	3.3
6	5.3	4.5	5.0	5.4	4.5	4.9	5.8	5.0	5.5	4.7	2.4	3.9
7	5.1	4.0	4.6	5.2	4.5	4.8	6.1	4.9	5.5	4.7	3.1	4.2
8	4.6	3.8	4.0	5.2	3.9	4.7	6.4	4.6	5.7	4.8	3.3	4.4
9	4.6	3.4	3.9	5.4	3.9	4.6	6.9	4.9	6.1	5.0	2.8	4.4
10	4.0	3.2	3.7	5.6	4.1	4.7	6.9	5.0	6.0	4.8	2.8	4.2
11	4.9	3.9	4.6	5.8	3.8	4.8	7.2	5.4	6.1	4.6	2.8	4.0
12	5.3	4.2	4.7	5.4	3.9	4.8	7.1	5.1	6.1	5.1	2.8	4.3
13	5.4	4.5	5.0	5.6	4.1	5.0	6.3	5.1	5.8	5.2	3.2	4.6
14	5.3	4.7	5.0	5.7	3.8	5.0	6.5	4.6	5.8	5.3	3.7	4.8
15	5.0	4.1	4.5	5.8	3.9	5.2	6.7	4.9	5.8	5.0	4.5	4.8
16	4.6	3.6	4.1	5.9	4.2	5.3	6.7	5.1	6.0	4.8	4.4	4.6
17	4.8	3.7	4.3	6.2	4.4	5.3	6.3	5.1	5.9	4.7	4.4	4.5
18	5.0	4.4	4.7	6.1	4.0	5.4	5.7	4.9	5.3	4.9	4.2	4.6
19	4.8	3.9	4.4	6.1	4.1	5.3	---	---	---	4.9	4.3	4.7
20	4.3	3.7	4.1	5.8	4.3	5.2	---	---	---	4.9	4.4	4.7
21	4.5	3.6	4.0	5.8	4.4	5.4	---	---	---	4.9	4.5	4.7
22	4.7	4.0	4.3	5.9	5.1	5.6	5.1	3.9	4.7	4.7	4.2	4.4
23	4.7	3.9	4.3	6.1	5.5	5.8	5.1	4.2	4.7	4.8	4.1	4.4
24	4.4	3.6	4.1	6.3	5.5	5.9	5.1	4.0	4.8	5.5	4.5	4.9
25	4.8	3.4	4.0	6.4	5.6	6.0	5.1	4.0	4.7	5.6	5.1	5.3
26	4.9	3.9	4.3	6.5	5.6	6.1	4.8	3.5	4.4	5.6	5.2	5.3
27	4.7	4.0	4.4	6.6	5.5	6.1	4.6	3.2	4.1	5.5	5.2	5.3
28	5.0	4.0	4.4	6.7	5.9	6.2	5.7	3.4	4.6	5.5	5.2	5.4
29	5.4	4.4	4.9	6.8	5.6	6.1	5.1	3.6	4.5	5.9	5.0	5.5
30	5.4	4.6	5.0	6.6	5.5	6.1	4.7	3.3	4.1	---	---	---
31	---	---	---	6.8	5.6	6.1	4.3	2.9	3.8	---	---	---
MONTH	6.3	3.2	4.5	6.8	3.8	5.3	7.2	2.9	5.3	5.9	1.7	4.4
YEAR	9.7	1.7	6.4									

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.

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor.

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, 0.2 mg/L, Oct. 21, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 131 microsiemens, July 30, 31; minimum, 58 microsiemens, Aug. 28 - 30.

WATER TEMPERATURE: Maximum, 31.5°C, July 13 - 16; minimum, 6.5°C, Jan. 23.

DISSOLVED OXYGEN: Maximum, 9.9 mg/L, Dec. 23; minimum, 1.3 mg/L, Sept. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	96	75	80	123	97	111	101	94	96	111	101	107
2	103	77	85	128	113	121	101	94	96	112	103	108
3	103	79	88	124	107	115	109	94	98	111	105	107
4	94	79	82	114	93	103	98	93	95	107	99	102
5	94	81	84	112	87	97	102	94	96	101	96	98
6	91	82	85	115	87	99	108	95	99	102	96	98
7	93	82	84	115	90	100	110	95	100	107	95	98
8	101	81	87	113	88	99	116	96	101	99	87	93
9	100	81	86	122	92	106	119	97	103	90	84	87
10	89	78	82	118	88	100	115	97	104	87	82	84
11	86	77	79	96	78	86	123	103	113	89	82	84
12	80	76	77	93	76	81	123	106	113	89	83	86
13	82	75	77	89	77	80	120	106	112	92	82	86
14	85	74	76	82	78	80	118	104	111	96	79	86
15	82	73	75	82	79	81	113	102	106	81	78	80
16	74	69	72	87	82	83	113	102	107	81	78	80
17	75	68	70	101	83	88	114	101	108	86	81	83
18	72	66	68	102	87	95	111	103	106	90	82	84
19	73	66	67	103	90	95	116	101	108	93	81	84
20	78	66	68	102	91	95	117	107	112	97	82	86
21	93	66	74	106	92	95	118	108	113	90	82	85
22	83	68	73	120	93	101	119	108	113	87	83	85
23	74	68	70	118	96	103	120	110	115	90	81	85
24	78	68	70	117	97	104	117	107	112	83	80	81
25	91	68	73	106	95	100	116	105	110	84	80	82
26	98	70	78	105	95	100	120	105	112	86	83	85
27	106	72	84	104	95	99	119	107	113	88	81	84
28	114	78	93	102	95	98	122	106	114	82	80	81
29	119	86	101	101	95	98	118	102	110	86	79	81
30	116	89	101	101	95	97	109	99	102	83	79	80
31	119	88	100	---	---	---	111	98	105	81	79	80
MONTH	119	66	80	128	76	97	123	93	107	112	78	88

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	80	79	80	100	80	83	93	79	82	84	78	81
2	96	79	81	82	81	82	89	78	80	83	77	80
3	82	79	80	84	80	81	90	79	82	83	77	80
4	88	79	81	87	78	81	95	79	84	85	78	81
5	81	79	80	87	78	82	82	77	79	87	82	85
6	85	79	80	84	75	79	92	78	81	88	85	87
7	81	79	80	80	73	75	95	77	81	91	87	89
8	81	78	79	74	72	73	89	76	79	91	89	90
9	79	77	78	82	72	74	85	76	79	89	83	87
10	80	77	78	91	74	77	85	76	78	85	78	81
11	80	78	79	85	75	76	90	76	79	91	76	80
12	79	77	78	80	75	76	85	76	79	98	77	84
13	86	77	79	78	75	76	103	76	82	100	89	94
14	80	78	79	88	75	79	103	82	91	97	89	93
15	85	79	80	89	76	79	95	80	85	99	83	91
16	86	79	80	89	75	77	87	78	81	104	81	88
17	87	79	81	91	74	79	91	78	81	102	83	89
18	85	79	81	79	73	75	90	78	81	104	88	95
19	81	78	80	88	72	75	88	79	82	104	86	95
20	82	78	80	83	71	72	98	81	86	100	88	94
21	95	80	83	89	71	75	100	83	88	105	90	97
22	85	82	84	84	72	74	92	79	82	106	93	98
23	99	84	85	85	72	74	81	78	79	108	93	98
24	86	84	85	90	73	77	83	79	81	108	93	99
25	88	84	85	82	74	76	84	82	83	108	95	102
26	93	83	86	85	73	75	85	79	82	111	101	106
27	84	80	82	76	73	75	87	78	81	112	97	103
28	81	79	80	79	76	77	86	78	81	115	99	105
29	81	80	80	81	78	80	86	79	82	116	105	111
30	---	---	---	83	79	80	86	81	83	118	81	97
31	---	---	---	85	79	80	---	---	---	83	76	78
MONTH	99	77	81	100	71	77	103	76	82	118	76	92
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	83	77	80	95	73	82	126	105	113	61	59	60
2	83	71	77	83	68	74	124	106	116	62	60	61
3	74	66	70	83	70	74	124	106	115	62	60	61
4	67	62	65	82	70	74	119	102	109	62	61	62
5	64	62	62	74	71	73	120	100	106	63	61	62
6	64	62	63	76	73	74	115	101	106	62	60	62
7	66	63	65	84	75	77	117	96	102	63	61	62
8	66	65	66	88	76	80	118	93	99	63	61	62
9	66	64	65	85	78	81	114	93	98	69	62	67
10	65	62	63	90	78	83	114	97	101	71	68	69
11	68	63	64	94	81	85	110	101	104	72	70	71
12	74	65	67	95	82	87	108	104	106	72	70	70
13	82	68	71	95	83	88	107	104	105	72	70	71
14	77	68	69	97	85	90	106	103	104	81	72	74
15	69	65	67	102	88	94	104	95	101	76	73	74
16	68	65	66	102	88	94	102	89	95	76	73	75
17	68	66	67	107	91	97	92	82	87	78	75	76
18	70	66	68	106	91	98	84	80	82	85	76	78
19	69	66	68	109	94	101	81	80	81	88	77	80
20	68	66	67	112	97	104	82	79	81	96	79	83
21	68	66	67	113	96	105	79	73	76	105	81	87
22	72	66	67	117	97	106	73	67	69	115	84	91
23	69	66	68	119	97	107	67	64	66	109	85	92
24	75	67	69	119	93	106	65	63	64	113	86	97
25	76	69	71	116	91	102	66	62	63	120	94	106
26	84	70	72	123	94	104	66	61	62	118	94	104
27	86	70	74	128	96	109	62	59	60	112	93	100
28	89	70	75	127	95	107	61	58	59	113	91	98
29	90	73	80	125	104	116	60	58	59	104	92	95
30	93	76	85	131	111	121	61	58	59	116	93	98
31	---	---	---	131	109	119	61	59	60	---	---	---
MONTH YEAR	93 131	62 58	69 86	131	68	94	126	58	87	120	59	78

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.5	3.2	3.6	5.9	4.9	5.4	7.4	7.0	7.2	9.8	8.7	9.2
2	5.1	3.4	3.9	6.0	5.5	5.7	7.4	7.0	7.1	9.8	8.9	9.3
3	5.0	3.4	4.0	5.8	5.0	5.3	7.9	6.3	7.3	9.6	9.0	9.3
4	4.0	3.3	3.5	5.4	4.8	5.1	7.5	7.1	7.3	9.2	8.4	8.7
5	4.0	3.1	3.4	6.3	5.2	5.6	7.7	7.3	7.5	8.7	8.0	8.3
6	3.7	2.9	3.2	7.0	5.9	6.3	7.6	7.4	7.5	9.2	8.1	8.5
7	4.1	3.1	3.5	6.9	5.9	6.4	7.6	7.5	7.5	9.1	7.9	8.3
8	4.6	3.6	4.0	6.8	5.8	6.2	8.1	7.4	7.6	8.4	7.7	8.0
9	4.7	3.8	4.1	7.7	6.3	7.0	8.3	7.6	7.8	7.7	7.4	7.6
10	4.2	3.9	4.0	7.7	7.0	7.3	8.3	7.2	7.8	7.7	7.3	7.4
11	4.3	3.8	3.9	7.1	6.7	6.9	8.7	7.5	8.0	7.9	7.4	7.5
12	4.1	3.8	3.9	7.1	6.6	6.7	8.4	7.5	7.9	7.9	7.5	7.7
13	4.4	4.0	4.1	7.1	6.5	6.7	8.4	7.4	7.8	8.5	7.7	7.9
14	4.5	4.1	4.2	6.9	6.6	6.8	8.2	7.4	7.8	8.9	7.9	8.2
15	4.5	4.1	4.2	6.8	6.5	6.7	8.2	7.5	7.7	8.2	8.0	8.1
16	4.5	4.2	4.3	7.0	6.4	6.7	8.1	7.6	7.8	8.3	8.0	8.2
17	4.7	4.3	4.4	8.1	6.5	7.0	8.3	7.6	8.0	8.6	8.3	8.4
18	4.6	4.4	4.5	8.2	7.0	7.5	8.2	7.7	8.0	9.0	8.5	8.7
19	4.7	4.5	4.6	8.0	6.9	7.4	8.9	7.9	8.5	9.4	8.7	8.9
20	5.0	4.6	4.7	7.6	6.8	7.1	9.3	8.5	8.9	9.6	8.9	9.1
21	5.5	4.7	4.9	7.5	6.6	6.9	9.5	8.7	9.1	9.5	9.2	9.3
22	5.1	4.6	4.8	7.6	6.6	7.0	9.7	8.8	9.2	9.3	9.1	9.2
23	4.7	4.5	4.6	7.3	6.4	6.7	9.9	8.8	9.3	9.6	9.2	9.4
24	4.9	4.4	4.6	7.2	6.2	6.6	9.5	8.6	9.0	9.4	9.0	9.2
25	5.2	4.3	4.6	6.9	6.1	6.5	9.5	8.6	9.0	9.1	9.0	9.1
26	5.2	4.3	4.6	7.2	6.6	6.9	9.4	8.7	9.0	9.1	9.0	9.1
27	5.1	4.1	4.6	7.2	6.8	7.0	9.3	8.6	9.0	9.1	8.9	9.0
28	5.3	4.1	4.6	7.2	6.9	7.1	9.3	8.6	9.0	9.1	8.9	9.0
29	5.8	4.4	5.0	7.2	7.0	7.1	9.1	8.3	8.6	9.1	8.8	8.9
30	5.6	4.7	5.0	7.4	7.0	7.2	8.6	8.3	8.4	8.9	8.7	8.8
31	5.9	4.7	5.1	---	---	---	9.2	8.4	8.8	8.9	8.7	8.8
MONTH	5.9	2.9	4.3	8.2	4.8	6.6	9.9	6.3	8.2	9.8	7.3	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.9	8.6	8.8	8.1	7.2	7.5	8.2	7.6	7.8	5.5	5.2	5.3
2	9.0	8.7	8.8	7.7	7.4	7.6	8.0	7.5	7.7	5.5	5.0	5.3
3	8.8	8.7	8.8	8.1	7.6	7.7	8.0	7.7	7.9	5.5	5.0	5.2
4	8.9	8.6	8.7	8.1	7.7	7.9	8.2	7.8	7.9	5.3	4.9	5.1
5	8.8	8.4	8.6	8.2	7.7	7.9	8.2	8.0	8.1	5.2	4.8	5.0
6	9.1	8.7	8.9	8.1	7.6	7.8	8.4	7.9	8.0	5.4	5.0	5.2
7	9.0	8.6	8.8	8.0	7.5	7.7	8.2	7.7	7.9	6.1	5.3	5.8
8	8.8	8.4	8.6	7.8	7.5	7.7	7.8	7.5	7.6	5.9	5.1	5.6
9	8.7	8.5	8.6	8.0	7.6	7.8	7.6	7.3	7.5	5.3	4.9	5.1
10	8.9	8.6	8.7	8.1	7.7	7.9	7.4	7.1	7.3	5.0	4.6	4.8
11	8.9	8.8	8.9	8.7	7.8	8.1	7.3	6.9	7.1	5.4	4.3	4.7
12	9.1	8.8	8.9	8.3	8.2	8.2	7.1	6.8	6.9	6.0	4.4	4.9
13	9.4	8.9	9.1	8.5	8.1	8.2	7.2	6.7	7.0	6.0	5.0	5.5
14	9.2	9.0	9.1	8.2	8.0	8.1	7.1	6.8	7.0	5.9	4.8	5.3
15	9.2	8.9	9.1	8.1	7.9	7.9	7.1	6.6	6.8	5.6	4.4	4.8
16	9.2	8.8	8.9	7.9	7.8	7.8	6.7	6.5	6.6	5.4	4.2	4.5
17	9.1	8.6	8.9	7.9	7.7	7.8	6.6	6.2	6.5	5.1	4.2	4.5
18	9.0	8.5	8.7	8.0	7.7	7.8	6.5	6.2	6.4	5.0	4.3	4.6
19	8.6	8.3	8.4	8.3	7.8	7.9	6.4	6.2	6.3	4.8	4.2	4.5
20	8.4	7.9	8.2	8.1	7.7	7.8	6.4	6.0	6.2	4.8	4.3	4.6
21	8.1	7.9	8.0	8.1	7.7	7.9	6.5	6.0	6.3	5.2	4.4	4.8
22	8.1	7.8	8.0	8.2	7.7	7.8	6.4	5.8	6.1	4.9	4.4	4.7
23	8.4	7.7	7.9	8.1	7.5	7.7	5.8	5.3	5.7	5.0	4.3	4.6
24	7.9	7.5	7.7	8.2	7.6	7.8	5.4	4.9	5.2	5.1	4.2	4.6
25	7.6	7.3	7.5	8.3	7.7	7.8	5.0	4.8	4.9	5.5	4.3	4.9
26	7.6	7.1	7.3	8.4	7.8	8.0	5.3	4.8	5.0	5.3	4.6	5.0
27	7.2	7.0	7.1	8.3	8.0	8.2	5.7	4.9	5.2	5.2	4.4	4.7
28	7.1	6.7	6.9	8.5	8.2	8.3	5.6	5.0	5.2	5.2	4.5	4.9
29	7.3	7.0	7.2	8.3	8.1	8.2	5.6	5.2	5.4	5.4	4.9	5.2
30	---	---	---	8.1	7.9	8.0	5.6	5.3	5.4	5.8	5.4	5.6
31	---	---	---	8.1	7.7	7.8	---	---	---	5.5	4.3	4.7
MONTH	9.4	6.7	8.4	8.7	7.2	7.9	8.4	4.8	6.6	6.1	4.2	5.0

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.

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.-- Water-quality monitor since May 1986.

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.
 pH: Maximum, 8.0 units, May 26, 1988; minimum, 5.4 units, Sept. 29, 1987.
 WATER TEMPERATURE: Maximum, 32.5°C, July 10, 1990; minimum, 1.0°C, Dec. 25, 26, 1989.
 DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988; minimum, 1.0 mg/L, Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 13,900 microsiemens, Nov. 2; minimum, 40 microsiemens, Aug. 30.
 WATER TEMPERATURE: Maximum, 32.0°C, July 14, 15, 28; minimum, 6.5°C Jan. 25.
 DISSOLVED OXYGEN: Maximum, 10.6 mg/L, Dec. 29; minimum, 3.1 mg/L, July 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	2120	120	482	13200	640	5860	740	130	246	3660	123	680
2	4360	130	1240	13900	1720	6610	320	130	167	5340	123	1070
3	1620	140	567	6610	470	2170	1220	130	299	5330	124	986
4	1320	120	311	2180	170	427	170	130	137	174	114	128
5	670	130	231	1760	160	522	1160	130	222	125	105	114
6	200	120	145	7180	170	1710	4600	130	797	146	106	116
7	220	110	133	6340	240	1790	1530	140	328	137	106	121
8	2070	120	403	6850	180	1720	160	130	140	130	110	113
9	---	---	---	8130	150	2290	140	140	140	129	109	120
10	1800	130	416	5700	160	1400	150	140	143	119	88	111
11	660	130	205	1360	150	384	641	140	214	118	78	103
12	150	130	140	5100	150	1040	181	141	153	117	87	110
13	170	130	136	3920	150	734	152	141	146	117	106	114
14	3070	120	552	1130	150	363	153	142	149	116	95	112
15	4580	120	796	240	140	171	153	143	147	115	75	105
16	1600	120	277	160	140	144	144	134	142	115	94	105
17	3340	120	932	180	130	145	134	114	117	104	74	85
18	2310	120	390	710	140	207	145	104	127	103	93	100
19	240	120	156	490	130	175	145	135	137	103	92	97
20	1710	120	329	160	120	137	2090	136	458	102	71	79
21	3990	130	1280	150	120	130	3460	127	586	111	71	88
22	3390	170	956	190	120	139	2040	117	452	110	100	103
23	3250	160	765	140	120	132	2950	118	537	111	100	105
24	2970	140	661	150	130	144	248	118	144	111	91	100
25	3960	130	934	150	140	145	2530	119	440	92	71	80
26	4860	170	1110	150	140	146	4670	129	1200	102	72	81
27	5480	140	1240	1270	140	272	2750	120	741	113	93	100
28	4620	170	1230	1700	130	346	4240	130	1050	114	103	106
29	8900	150	2380	1210	140	365	1190	131	294	114	104	107
30	8910	170	2760	980	140	265	142	121	132	115	104	108
31	9170	300	3430	---	---	---	133	122	127	115	95	106
MONTH	9170	110	820	13900	120	1000	4670	104	326	5340	71	182

WACCAMAW RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	105	75	88	110	80	96	130	90	108	100	90	96
2	96	76	87	120	80	101	130	100	119	100	90	96
3	117	76	94	110	100	106	120	90	98	100	70	89
4	97	87	96	110	80	100	100	90	94	100	90	93
5	98	88	95	110	100	100	100	90	94	100	90	93
6	98	88	91	110	100	100	120	80	100	100	90	93
7	99	79	86	110	90	100	120	90	112	100	90	93
8	90	79	86	110	100	105	120	110	115	100	90	96
9	90	80	86	120	100	109	120	110	116	100	80	96
10	91	80	88	120	100	111	120	100	111	100	90	98
11	91	81	87	120	110	114	110	100	108	110	90	101
12	92	81	86	120	100	110	120	100	112	110	100	105
13	92	82	88	120	100	110	150	110	119	110	100	106
14	123	82	100	120	90	110	150	110	129	110	100	105
15	123	93	109	110	80	103	130	110	123	110	100	100
16	124	94	106	110	80	87	130	110	120	120	90	108
17	104	85	95	110	80	93	130	110	122	120	110	111
18	105	95	96	110	90	103	130	100	123	120	90	108
19	126	95	102	110	100	104	130	100	123	110	90	109
20	126	96	104	120	100	112	140	120	130	120	90	108
21	107	96	103	120	80	103	130	110	114	110	100	109
22	137	97	111	110	80	90	150	110	124	120	90	106
23	128	107	118	100	80	90	150	130	137	120	100	110
24	139	108	122	120	80	94	140	120	136	120	110	112
25	139	129	132	120	80	102	150	120	135	120	110	113
26	140	119	128	120	110	114	150	120	137	140	110	118
27	140	100	118	120	100	112	140	110	124	2100	110	325
28	120	90	109	120	80	96	120	100	111	5900	120	1260
29	110	80	104	120	90	102	110	90	102	7240	230	2650
30	---	---	---	120	100	111	110	90	100	4610	120	451
31	---	---	---	130	100	111	---	---	---	140	110	121
MONTH	140	75	101	130	80	103	150	80	117	7240	70	241
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	130	110	114	100	90	100	660	130	206	90	70	80
2	110	100	107	100	90	98	3390	130	841	90	80	83
3	110	100	107	100	70	94	2100	130	547	90	80	82
4	110	100	109	100	90	95	290	120	174	90	80	83
5	110	100	107	100	90	95	920	120	247	90	80	81
6	110	100	102	100	90	98	4210	120	732	90	80	82
7	100	90	97	100	90	97	4880	120	1090	90	80	86
8	110	90	102	100	90	97	5550	130	1340	100	90	92
9	110	100	102	110	100	100	3820	140	788	110	90	94
10	110	100	103	110	80	101	1220	140	334	100	70	86
11	110	90	101	110	80	100	630	140	192	100	70	86
12	100	80	94	110	80	99	290	130	152	100	80	90
13	100	90	98	90	80	86	280	130	160	100	70	89
14	100	90	95	100	80	89	280	130	151	100	90	94
15	100	90	92	100	80	90	150	120	129	110	90	101
16	90	80	90	100	90	92	140	110	122	110	100	107
17	100	80	90	110	90	95	120	110	119	110	100	105
18	90	80	89	110	90	98	120	70	115	110	100	102
19	100	90	90	160	90	109	110	80	93	110	100	103
20	90	80	89	1250	100	334	90	80	84	110	100	104
21	90	80	89	2040	110	609	90	80	81	110	100	108
22	90	80	86	3590	130	1080	80	70	77	150	110	117
23	---	---	---	5370	140	1610	80	70	74	160	100	123
24	90	80	89	5880	130	1990	80	70	71	4220	120	800
25	100	80	90	3830	130	922	70	60	69	7280	150	1950
26	100	90	92	6640	150	1430	80	60	70	4700	140	1240
27	100	90	92	3670	150	792	80	60	69	2870	170	784
28	100	90	94	2690	120	423	70	60	63	1280	140	346
29	100	90	96	6690	130	966	70	60	60	180	130	144
30	100	90	99	5540	180	1230	80	40	72	2230	130	434
31	---	---	---	4890	160	761	90	70	81	---	---	---
MONTH	130	80	97	6690	70	451	5550	40	271	7280	70	263
YEAR	13900	40	331									

WACCAMAW RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.6	5.1	5.3	6.3	5.7	6.0	8.0	7.5	7.8	9.6	8.6	9.0
2	5.8	5.4	5.6	6.3	5.7	6.0	7.9	7.5	7.7	9.7	8.4	9.1
3	5.8	5.4	5.6	5.9	5.4	5.6	8.0	7.4	7.7	9.5	8.5	9.0
4	5.4	5.2	5.3	5.9	5.3	5.6	8.6	7.4	8.0	9.7	8.3	9.0
5	5.4	5.0	5.2	6.3	5.6	6.1	8.4	7.9	8.1	9.7	8.2	8.9
6	5.8	5.1	5.3	6.7	6.3	6.5	8.0	7.8	7.9	9.7	8.3	9.1
7	6.0	5.5	5.7	6.8	6.0	6.4	7.8	7.5	7.7	9.2	8.3	8.7
8	6.0	5.5	5.8	6.8	6.1	6.3	7.6	7.2	7.4	9.3	8.0	8.7
9	5.9	5.4	5.7	8.1	6.8	7.5	7.7	7.1	7.2	9.2	7.6	8.7
10	5.6	5.2	5.4	8.4	7.8	7.9	7.6	7.3	7.4	9.3	8.0	8.7
11	5.8	5.2	5.4	8.2	7.8	8.0	7.8	7.3	7.6	9.5	8.4	8.9
12	6.0	5.5	5.7	8.2	7.9	8.0	8.2	7.7	7.9	9.5	7.9	8.8
13	6.1	5.5	5.8	8.4	7.7	8.1	8.5	8.0	8.2	8.9	7.8	8.5
14	6.5	5.9	6.2	8.3	7.8	8.0	9.0	8.2	8.5	9.6	8.1	9.2
15	6.7	5.8	6.1	8.3	7.8	8.0	9.2	8.6	8.8	10.1	8.2	9.1
16	6.9	6.0	6.4	8.1	7.8	7.9	9.1	8.6	8.7	10.1	8.8	9.4
17	7.0	6.2	6.5	8.5	8.0	8.2	9.5	8.5	8.8	10.0	8.5	9.4
18	6.4	5.7	6.1	8.6	8.3	8.5	9.1	8.4	8.7	10.5	8.9	9.4
19	5.9	5.6	5.7	8.6	8.2	8.4	9.8	8.8	9.2	10.5	8.4	9.4
20	6.0	5.6	5.8	8.5	8.1	8.4	9.8	9.1	9.3	10.0	8.8	9.4
21	6.8	5.9	6.4	8.5	8.2	8.3	9.3	9.0	9.2	10.0	7.6	8.3
22	6.5	6.2	6.4	8.3	8.0	8.2	9.2	8.3	9.0	---	---	---
23	6.2	5.9	6.1	8.0	7.5	7.7	9.4	8.5	9.2	---	---	---
24	6.3	5.8	6.1	7.8	7.1	7.4	9.8	8.1	9.3	---	---	---
25	6.3	6.0	6.1	7.3	7.0	7.2	10.1	8.1	9.3	---	---	---
26	6.2	5.8	6.0	7.5	7.2	7.3	10.1	9.5	9.8	---	---	---
27	6.1	5.6	5.8	7.7	7.3	7.4	10.1	8.8	9.6	---	---	---
28	5.9	5.5	5.7	7.7	7.3	7.4	10.2	9.1	10.0	---	---	---
29	6.6	5.8	6.2	7.4	7.0	7.3	10.6	9.7	10.0	---	---	---
30	6.5	5.9	6.2	7.9	7.1	7.5	10.0	9.6	9.8	---	---	---
31	6.3	5.7	6.0	---	---	---	10.2	8.5	9.7	---	---	---
MONTH	7.0	5.0	5.9	8.6	5.3	7.4	10.6	7.1	8.6	10.5	7.6	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	8.6	7.3	7.7	9.5	7.8	8.4	6.0	5.4	5.6
2	---	---	---	8.7	7.7	8.2	9.8	8.1	8.5	6.3	5.3	5.7
3	---	---	---	8.7	7.9	8.2	8.9	7.9	8.2	6.0	5.3	5.7
4	---	---	---	8.1	7.5	7.8	9.2	7.8	8.2	6.2	4.9	5.5
5	---	---	---	7.9	7.2	7.4	9.8	8.0	8.5	5.3	4.7	4.9
6	---	---	---	7.4	6.7	6.9	8.5	8.0	8.2	5.5	4.6	4.9
7	---	---	---	7.1	6.5	6.7	8.7	7.7	8.1	6.0	5.2	5.6
8	---	---	---	7.4	6.3	6.8	8.6	7.7	8.1	5.8	5.2	5.5
9	---	---	---	7.0	6.3	6.5	8.3	7.6	7.8	6.0	5.0	5.4
10	---	---	---	7.0	6.1	6.4	7.8	7.1	7.5	5.6	5.0	5.2
11	---	---	---	8.5	6.4	7.2	7.7	6.7	7.1	5.8	4.8	5.1
12	---	---	---	7.7	6.6	6.9	7.4	6.6	6.9	5.7	4.9	5.1
13	---	---	---	8.3	6.9	7.5	7.8	6.6	7.1	5.5	4.8	5.0
14	---	---	---	7.7	6.9	7.2	7.8	6.9	7.3	5.4	4.8	5.0
15	---	---	---	8.4	6.8	7.4	7.5	6.5	7.0	5.3	4.8	5.0
16	---	---	---	8.7	7.5	8.0	7.3	6.3	6.7	5.4	4.7	4.9
17	---	---	---	9.2	7.5	8.0	7.3	6.4	6.7	5.3	4.6	4.9
18	---	---	---	8.9	7.9	8.2	6.9	6.2	6.5	5.4	4.6	4.8
19	---	---	---	9.7	8.1	8.4	6.8	6.1	6.5	5.0	4.4	4.7
20	---	---	---	9.6	8.1	8.3	6.6	6.0	6.3	5.3	4.5	4.9
21	---	---	---	8.8	7.8	8.2	7.0	6.2	6.5	5.4	4.9	5.1
22	---	---	---	8.7	7.7	8.2	7.0	6.2	6.6	5.5	4.8	5.0
23	---	---	---	8.9	7.9	8.3	6.6	6.0	6.2	5.3	4.6	4.9
24	---	---	---	8.7	8.0	8.2	6.5	5.8	6.1	5.4	4.6	4.9
25	---	---	---	8.4	7.9	8.1	6.4	5.6	5.9	5.5	4.8	5.0
26	---	---	---	9.4	8.0	8.5	6.9	5.5	6.1	5.2	4.9	5.1
27	---	---	---	9.2	8.1	8.5	6.9	6.0	6.4	5.7	5.0	5.2
28	9.2	7.4	8.2	9.0	8.0	8.3	6.8	5.9	6.2	5.5	5.0	5.2
29	9.1	7.4	7.9	8.9	7.9	8.2	6.6	5.8	6.0	5.9	5.2	5.5
30	---	---	---	8.6	7.9	8.2	6.6	5.5	5.8	6.2	5.4	5.7
31	---	---	---	9.2	7.8	8.2	---	---	---	5.8	5.2	5.4
MONTH	9.2	7.4	8.0	9.7	6.1	7.8	9.8	5.5	7.0	6.3	4.4	5.2

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.8	5.1	5.3	4.9	3.2	3.9	5.4	4.1	4.8	4.2	3.8	4.0
2	5.4	4.9	5.1	4.7	3.7	4.2	5.0	3.9	4.4	4.4	4.0	4.2
3	5.2	4.9	5.0	3.9	3.4	3.6	5.2	4.1	4.5	4.6	4.3	4.4
4	5.2	5.0	5.1	3.6	3.2	3.3	5.7	4.3	4.8	4.8	4.4	4.6
5	5.2	4.8	5.0	3.8	3.1	3.3	5.1	4.4	4.7	5.7	4.6	5.0
6	5.2	4.7	4.9	4.5	3.3	3.8	5.6	4.5	4.8	5.5	4.8	5.3
7	4.7	4.6	4.7	3.7	3.3	3.5	5.5	4.5	4.9	4.8	3.8	4.1
8	4.7	4.5	4.6	3.5	3.2	3.3	5.3	4.5	4.8	4.8	3.9	4.2
9	5.4	4.6	4.8	5.0	3.3	4.1	5.5	4.6	4.9	4.8	4.2	4.4
10	5.4	4.7	4.9	4.9	3.9	4.3	5.5	4.7	5.1	4.8	4.2	4.4
11	5.0	4.6	4.8	4.9	4.1	4.4	5.7	4.8	5.2	4.7	3.7	4.2
12	5.4	4.6	5.0	5.2	3.9	4.4	5.8	4.9	5.4	4.7	4.1	4.3
13	5.2	4.8	4.9	5.5	4.3	4.8	6.1	5.1	5.6	---	---	---
14	5.0	4.6	4.8	5.7	4.6	5.0	6.0	5.1	5.5	---	---	---
15	4.8	4.6	4.7	6.2	4.6	5.2	6.0	5.3	5.5	---	---	---
16	5.0	4.5	4.6	6.0	4.9	5.4	5.6	5.1	5.3	---	---	---
17	5.1	4.5	4.7	6.6	4.9	5.5	5.9	4.9	5.1	---	---	---
18	5.2	4.5	4.7	6.1	4.4	5.4	5.3	4.9	5.1	---	---	---
19	4.8	4.4	4.6	5.6	4.6	5.2	5.3	5.0	5.1	---	---	---
20	4.5	4.3	4.4	5.6	4.5	4.9	5.1	4.6	4.9	---	---	---
21	5.1	4.3	4.6	5.1	4.2	4.6	5.1	4.4	4.7	---	---	---
22	5.2	4.5	4.8	4.8	4.2	4.4	4.8	4.5	4.7	---	---	---
23	4.5	4.1	4.3	5.4	4.2	4.6	4.9	4.1	4.5	---	---	---
24	4.4	4.0	4.2	5.3	4.4	4.7	4.9	4.4	4.6	---	---	---
25	4.4	4.0	4.3	5.8	4.5	4.9	4.7	3.9	4.4	---	---	---
26	4.7	4.1	4.3	5.9	4.6	5.1	4.3	3.9	4.1	---	---	---
27	4.3	3.9	4.1	6.0	4.9	5.3	4.5	4.2	4.4	---	---	---
28	4.1	3.8	3.9	5.6	4.8	5.1	5.1	4.4	4.6	---	---	---
29	4.0	3.6	3.8	5.0	4.3	4.6	4.8	4.5	4.6	---	---	---
30	3.8	3.4	3.5	4.9	4.1	4.5	4.5	3.4	4.0	---	---	---
31	---	---	---	5.4	4.0	4.5	4.0	3.6	3.8	---	---	---
MONTH	5.8	3.4	4.6	6.6	3.1	4.5	6.1	3.4	4.8	5.7	3.7	4.4
YEAR	10.6	3.1	6.3									

Note: Dissolved oxygen concentrations are not corrected for salinity.

PEE DEE RIVER BASIN

02129590 WHITES CREEK NEAR WALLACE, SC

LOCATION.--Lat 34°45'20'', long 79°53'00'', Marlboro County, Hydrologic Unit 03040201, on the upstream side of the U.S. Highway 1 bridge, 100 ft downstream from lake spillway, and 3.0 mi northwest of Wallace.

DRAINAGE AREA.--26.4 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	11	14	28	17	24	15	9.5	.25	45	2.6	7.9
2	11	11	15	21	16	19	14	11	.29	41	2.4	7.3
3	14	11	17	26	15	17	14	12	.28	36	2.4	7.7
4	14	11	22	35	14	16	13	11	.36	30	2.3	7.7
5	16	11	24	47	14	16	12	12	.41	19	2.3	7.3
6	18	12	28	45	14	17	11	13	.46	13	2.3	7.6
7	15	12	22	30	13	28	11	16	.49	14	2.2	8.2
8	13	12	17	22	13	36	11	26	10	14	2.1	9.3
9	12	14	16	20	13	36	11	30	36	13	2.2	12
10	11	38	16	19	12	27	11	31	47	12	2.2	15
11	10	52	15	18	13	20	11	21	42	11	2.1	14
12	9.6	67	15	17	13	17	10	13	30	6.1	2.2	11
13	9.2	46	15	17	14	16	10	9.9	24	1.7	2.5	9.3
14	8.8	25	15	21	14	15	9.3	8.0	24	1.5	18	8.1
15	11	21	14	23	16	14	9.0	6.5	20	1.5	56	7.5
16	12	18	13	25	18	14	8.5	5.7	538	1.3	70	7.0
17	13	16	13	22	20	13	7.9	4.9	507	1.3	44	6.8
18	15	15	13	18	22	13	7.7	4.6	144	1.3	38	6.5
19	15	14	12	17	21	16	7.3	5.0	81	1.4	34	6.7
20	14	14	15	16	20	19	7.8	2.8	50	1.4	47	7.3
21	13	14	17	16	19	22	15	.71	72	1.5	40	7.8
22	12	14	15	15	17	21	43	.57	51	1.5	37	7.2
23	11	14	14	17	18	24	66	.49	46	1.5	29	7.4
24	11	14	17	19	21	24	62	.44	43	1.5	20	7.2
25	11	14	17	20	27	24	30	.40	39	1.6	16	7.2
26	11	14	18	20	46	25	18	.31	34	1.6	12	7.2
27	11	13	22	18	53	23	12	.25	46	1.7	11	6.3
28	11	13	24	19	53	24	10	.20	143	1.7	10	6.4
29	11	13	36	20	37	22	9.3	.21	79	2.7	9.5	6.6
30	10	14	38	22	---	17	8.8	.30	48	2.3	8.9	6.1
31	10	---	36	20	---	16	---	.29	---	2.6	8.4	---
TOTAL	374.6	568	585	693	603	635	485.6	257.07	2156.54	285.7	538.6	243.6
MEAN	12.1	18.9	18.9	22.4	20.8	20.5	16.2	8.29	71.9	9.22	17.4	8.12
MAX	18	67	38	47	53	36	66	31	538	45	70	15
MIN	8.8	11	12	15	12	13	7.3	.20	.25	1.3	2.1	6.1
CFSM	.46	.72	.71	.85	.79	.78	.61	.31	2.72	.35	.66	.31
IN.	.53	.80	.82	.98	.85	.89	.68	.36	3.04	.40	.76	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1992, BY WATER YEAR (WY)

	MEAN	22.0	25.3	31.0	41.0	42.0	54.6	38.5	19.7	21.7	13.9	17.8	10.5
MAX	55.1	56.2	63.2	77.1	77.8	122	83.9	37.9	71.9	48.7	70.7	28.0	28.0
(WY)	1990	1986	1984	1982	1983	1983	1983	1984	1992	1984	1985	1987	1987
MIN	7.72	9.64	14.1	20.9	20.8	16.3	8.44	7.97	2.48	2.34	3.96	3.10	3.10
(WY)	1982	1982	1989	1981	1992	1981	1981	1981	1981	1986	1980	1990	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1980 - 1992

ANNUAL TOTAL	9906.1	7425.71	28.1
ANNUAL MEAN	27.1	20.3	39.7
HIGHEST ANNUAL MEAN			14.7
LOWEST ANNUAL MEAN			1984
HIGHEST DAILY MEAN	165	538	732
LOWEST DAILY MEAN	1.9	.20	.00
ANNUAL SEVEN-DAY MINIMUM	3.1	.26	.00
INSTANTANEOUS PEAK FLOW		911	911
INSTANTANEOUS PEAK STAGE		7.35	7.35
ANNUAL RUNOFF (CFSM)	1.03	.77	1.06
ANNUAL RUNOFF (INCHES)	13.96	10.46	14.47
10 PERCENT EXCEEDS	51	38	61
50 PERCENT EXCEEDS	21	14	18
90 PERCENT EXCEEDS	6.8	2.2	3.9

* Also occurred on several other days in 1990.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC

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

DRAINAGE AREA.-- 7,600 mi², approximately.

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

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Willamette Industries).

REMARKS.--Estimated daily discharges, Jan. 20, 21, Feb. 23, Apr. 28, May 11, 13, 14, 18, 22, 23, May 28 to June 10, June 18 - 22. Records pgor. 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3460	2210	858	3960	3910	21900	10800	8710	2480	4300	3650	2530
2	2350	3610	882	3510	1180	13400	10900	7190	2270	3570	1720	2820
3	2860	1940	1600	5180	2350	5680	8940	6040	4710	2780	1170	4330
4	1870	1610	4040	8310	3590	5180	3210	1830	5050	4170	3160	4140
5	2300	2480	4700	9090	5770	8760	1290	4000	5060	4750	4090	3310
6	2910	3120	4170	8920	4330	9970	2120	5820	6060	1690	3010	1210
7	1700	4550	2980	8500	3300	12300	7390	5750	13500	4720	3330	1100
8	1170	1310	4910	8060	2910	19700	8570	6320	16400	3710	3180	2270
9	2750	904	5730	7800	1660	17700	4470	7850	17800	3570	2350	4310
10	1690	2750	5730	8160	3110	12500	4720	7620	19800	3180	1170	4040
11	2250	2190	4360	8150	2410	13700	2920	6950	23200	2910	2870	3740
12	2350	1870	3230	6140	3480	12100	3010	6550	30800	2500	2990	4710
13	880	5200	3730	2340	1740	11700	2200	6350	30500	1230	4950	1570
14	764	5370	4250	5120	3710	10400	5450	4860	17500	2520	7690	3460
15	4510	2740	3210	7730	3050	9080	2820	2440	14600	2230	7590	2960
16	4740	2260	2360	7790	3790	7420	3660	3830	18600	2820	5160	2790
17	4330	2550	3910	7370	2980	8110	3310	3280	30200	2730	4110	1370
18	1710	2120	3350	4810	6010	8900	2990	2020	22500	3910	2970	3770
19	1300	2540	3090	1240	5320	10000	2500	3360	14800	1480	5060	2760
20	1290	6270	3000	1030	3260	9690	2250	5610	12800	1070	5380	2660
21	1570	5040	3220	3850	5110	9590	6360	5490	8430	1810	8620	1110
22	1600	3060	942	4200	6390	5360	43400	4130	5740	3010	4940	2140
23	3230	1620	743	5500	4990	4090	60900	3180	5760	3450	1940	3180
24	2310	815	2650	5970	3310	7840	61700	2510	6720	3650	1460	1970
25	4300	846	4000	4390	4210	12300	59600	2020	6260	3560	3700	3430
26	3540	904	2420	3650	16500	11600	46800	2630	3160	4850	3920	4600
27	1290	947	2410	2200	52000	16400	31200	3880	7300	3990	5050	1610
28	1330	854	6780	4920	49900	20300	17300	3240	7230	4220	3190	1960
29	2640	948	6650	6460	32200	14000	11300	5100	3970	2280	6090	2590
30	4430	848	4610	6660	---	11800	9470	6010	4300	3380	2320	2580
31	2580	---	3210	6680	---	10500	---	5960	---	3150	1270	---
TOTAL	76004	73476	107725	177690	242470	351970	441550	150530	367500	97190	118100	85020
MEAN	2452	2449	3475	5732	8361	11350	14720	4856	12250	3135	3810	2834
MAX	4740	6270	6780	9090	52000	21900	61700	8710	30800	4850	8620	4710
MIN	764	815	743	1030	1180	4090	1290	1830	2270	1070	1170	1100
CFSM	.32	.32	.46	.75	1.10	1.49	1.94	.64	1.61	.41	.50	.37
IN.	.37	.36	.53	.87	1.19	1.72	2.16	.74	1.80	.48	.58	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	MEAN	2452	2449	6476	16400	8868	18250	19730	8471	8916	3977	6425	2606
MAX	2452	2449	9477	27070	9393	25150	24740	12090	12250	4818	9040	2834	
(WY)	1992	1992	1991	1991	1991	1991	1991	1991	1992	1991	1991	1992	
MIN	2452	2449	3475	5732	8361	11350	14720	4856	5582	3135	3810	2379	
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1991	1992	1992	1991	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	3924212	2289225	6255	1992
ANNUAL MEAN	10750	6255	6255	1992
HIGHEST ANNUAL MEAN		6255	6255	1992
LOWEST ANNUAL MEAN				
HIGHEST DAILY MEAN	72700	61700	72700	Apr 1 1991
LOWEST DAILY MEAN	743	743	743	Dec 23 1991
ANNUAL SEVEN-DAY MINIMUM	880	880	880	Nov 24 1991
INSTANTANEOUS PEAK FLOW		62700	75200	Apr 1 1991
INSTANTANEOUS PEAK STAGE		86.16	86.16	Apr 24 1992
ANNUAL RUNOFF (CFSM)	1.41	.82	.82	
ANNUAL RUNOFF (INCHES)	19.21	11.21	11.18	
10 PERCENT EXCEEDS	23300	12200	19700	
50 PERCENT EXCEEDS	5960	3860	5460	
90 PERCENT EXCEEDS	1590	1570	1830	

PEE DEE RIVER BASIN

02130900 BLACK CREEK NEAR MCBEE, SC

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

DRAINAGE AREA.--108 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 224.72 ft above National Geodetic Vertical Datum of 1929. Prior to December 22, 1959, nonrecording gage at same site and datum.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	70	104	213	130	271	134	90	101	75	23	52
2	73	72	105	219	122	219	128	85	87	64	23	47
3	122	74	112	202	117	164	120	84	69	58	24	44
4	122	80	145	202	113	141	112	80	76	60	27	45
5	121	77	152	204	110	131	107	72	142	53	31	48
6	119	77	161	216	107	132	104	67	163	47	46	57
7	104	77	175	233	105	172	104	94	168	45	49	67
8	89	77	165	209	99	185	102	162	195	44	48	70
9	79	83	131	165	96	184	101	196	162	41	42	64
10	75	172	121	145	93	190	99	254	116	37	37	56
11	73	203	115	137	97	176	95	291	140	35	33	53
12	71	209	112	132	106	144	93	242	178	33	37	51
13	68	256	109	130	104	131	92	161	252	32	72	48
14	66	265	109	151	104	122	92	154	369	31	135	44
15	66	212	107	156	108	116	97	138	345	29	175	42
16	74	153	107	158	130	112	92	116	258	28	172	41
17	86	126	103	161	144	109	85	95	222	27	183	40
18	87	117	100	144	160	107	80	80	196	27	271	40
19	91	114	98	128	165	116	77	121	169	28	249	40
20	84	111	94	121	151	129	78	172	133	31	243	41
21	79	109	94	114	144	145	145	162	98	30	384	47
22	77	110	96	111	136	151	228	129	82	30	308	52
23	77	112	98	121	137	162	249	86	72	29	221	53
24	78	112	113	145	164	160	467	71	64	29	145	52
25	78	109	123	153	170	158	462	61	59	29	96	51
26	78	117	137	166	216	174	295	56	55	28	76	51
27	78	113	152	183	231	173	198	55	66	26	79	53
28	79	106	151	171	235	172	135	55	105	25	105	55
29	79	102	194	146	275	184	109	59	130	25	108	55
30	78	103	208	141	---	184	97	69	141	24	84	51
31	71	---	203	138	---	152	---	86	---	24	60	---
TOTAL	2596	3718	3994	5015	4069	4866	4377	3643	4413	1124	3586	1510
MEAN	83.7	124	129	162	140	157	146	118	147	36.3	116	50.3
MAX	122	265	208	233	275	271	467	291	369	75	384	70
MIN	66	70	94	111	93	107	77	55	55	24	23	40
CFSM	.78	1.15	1.19	1.50	1.30	1.45	1.35	1.09	1.36	.34	1.07	.47
IN.	.89	1.28	1.38	1.73	1.40	1.68	1.51	1.25	1.52	.39	1.24	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1992, BY WATER YEAR (WY)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	132	135	162	204	221	239	197	138	118	116	127	100																					
MAX	469	230	267	300	411	346	338	276	272	357	370	245																					
(WY)	1991	1972	1973	1964	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																					

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1960 - 1992

ANNUAL TOTAL	65493	42911	
ANNUAL MEAN	179	117	
HIGHEST ANNUAL MEAN			157
LOWEST ANNUAL MEAN			237
HIGHEST DAILY MEAN	721	May 8	467
LOWEST DAILY MEAN	49	Jul 2	23
ANNUAL SEVEN-DAY MINIMUM	60	Jun 27	24
INSTANTANEOUS PEAK FLOW			574
INSTANTANEOUS PEAK STAGE			9.24
ANNUAL RUNOFF (CFSM)	1.66		1.09
ANNUAL RUNOFF (INCHES)	22.56		14.78
10 PERCENT EXCEEDS	301		203
50 PERCENT EXCEEDS	161		107
90 PERCENT EXCEEDS	77		42

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

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

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 OF RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 177.48 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, Oct. 4 to Nov. 20, which are poor. Some regulation by storage in steam electric plant reservoir above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	185	99	148	216	189	270	201	215	119	130	45	161
2	195	98	149	219	180	274	194	190	119	125	39	145
3	213	96	154	233	173	269	179	178	117	121	36	132
4	240	96	168	243	169	254	172	169	128	119	34	127
5	250	96	165	243	168	234	169	158	148	109	37	123
6	250	97	164	243	167	222	159	146	156	101	44	122
7	230	98	168	240	156	234	154	152	162	95	46	121
8	170	100	174	240	152	236	155	169	171	86	47	119
9	140	105	174	238	147	230	151	179	204	82	51	117
10	120	140	174	230	145	223	148	201	217	78	57	115
11	115	180	167	217	143	229	147	226	214	75	54	114
12	110	205	161	205	144	217	147	249	214	74	63	107
13	105	221	155	199	143	206	148	257	218	71	85	102
14	98	230	153	205	143	192	138	251	264	65	182	97
15	92	230	151	203	146	183	136	239	316	70	209	92
16	94	230	144	197	155	175	134	231	349	70	224	89
17	96	228	135	188	161	161	133	214	351	74	241	87
18	98	215	136	188	168	156	132	193	331	73	282	86
19	100	202	134	193	173	160	130	190	307	69	299	87
20	102	198	126	183	180	168	133	185	289	70	333	90
21	103	191	125	179	178	167	170	184	265	71	342	89
22	104	184	127	175	178	167	213	181	229	68	364	90
23	103	181	127	175	192	181	228	172	194	68	360	98
24	102	175	140	181	203	180	246	160	170	68	333	96
25	101	168	140	177	214	180	298	150	151	70	293	92
26	100	163	145	180	265	192	322	137	136	69	256	86
27	100	157	165	185	265	197	314	126	132	65	239	88
28	99	154	171	198	262	192	293	117	126	51	236	91
29	99	151	198	200	266	197	263	115	124	44	220	92
30	98	149	207	195	---	203	233	116	127	44	199	86
31	98	---	215	191	---	210	---	118	---	46	178	---
TOTAL	4110	4837	4860	6359	5225	6359	5640	5568	6048	2421	5428	3141
MEAN	133	161	157	205	180	205	188	180	202	78.1	175	105
MAX	250	230	215	243	266	274	322	257	351	130	364	161
MIN	92	96	125	175	143	156	130	115	117	44	34	86
CFSM	.77	.93	.91	1.19	1.04	1.19	1.09	1.04	1.17	.45	1.01	.61
IN.	.88	1.04	1.05	1.37	1.12	1.37	1.21	1.20	1.30	.52	1.17	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1992, BY WATER YEAR (WY)

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	183	193	227	284	300	330	270	201	177	171	195	158																				
MAX	539	299	393	435	433	493	482	364	376	447	466	336																				
(WY)	1991	1972	1977	1982	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 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1961 - 1992

ANNUAL TOTAL	86940	59996	
ANNUAL MEAN	238	164	224
HIGHEST ANNUAL MEAN			320
LOWEST ANNUAL MEAN			141
HIGHEST DAILY MEAN	519	Mar 8	2890
LOWEST DAILY MEAN	92	Oct 15	30
ANNUAL SEVEN-DAY MINIMUM	97	Oct 14	33
INSTANTANEOUS PEAK FLOW			4450
INSTANTANEOUS PEAK STAGE			12.35
ANNUAL RUNOFF (CFSM)	1.38		1.29
ANNUAL RUNOFF (INCHES)	18.69		17.57
10 PERCENT EXCEEDS	382		369
50 PERCENT EXCEEDS	228		198
90 PERCENT EXCEEDS	121		100

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

(National stream-quality accounting network station and radiochemical program station)

DRAINAGE AREA.--8,830 mi², approximately.

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

REMARKS.--Records good except for estimated daily discharges, July 26 to Aug. 5, which are fair. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft³.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2230	4320	1540	5640	8400	23000	13500	32500	8450	7050	4400	2650
2	4250	3620	1460	5870	6370	23600	12900	28900	5460	6830	4750	3100
3	4110	4730	1500	5890	3440	22200	12400	25100	4190	5950	5450	3950
4	4120	3460	2210	7330	3580	18100	10700	20900	6490	4890	5700	5450
5	3560	2810	4980	9670	5450	15400	6720	15600	7580	6220	4200	5510
6	3710	3510	6340	10900	6930	14400	3610	13300	7690	6890	4930	4770
7	4260	4730	5800	11100	5940	13900	3340	12500	8890	4340	4320	2910
8	3380	5520	4940	10900	4970	14700	7000	11800	13800	6200	4370	2220
9	2480	3220	6440	10600	4530	16600	7980	11900	15700	6050	4360	3270
10	3670	2150	7430	10400	3230	17000	6300	13200	16000	5590	3370	5370
11	3120	3840	7620	10300	4120	16400	5890	13300	18200	4950	1920	5530
12	3460	4140	6690	10100	4060	15800	4800	12600	19900	4420	3250	5230
13	3530	3940	5380	8580	4600	15200	4120	11900	21500	3880	4170	5580
14	2160	6640	5520	5630	3510	14500	3660	11300	23100	2430	6610	3590
15	1710	7180	5960	6790	4710	13400	5860	8990	23900	3230	10000	4090
16	5020	5030	5250	8990	4780	11800	4720	6400	23900	3400	11300	4020
17	6310	3980	4410	9700	4870	10300	4660	6530	23700	3940	10700	3780
18	5910	4290	5290	9560	4820	9920	4540	5920	24000	4020	9900	2770
19	3640	3630	5110	7480	7000	10300	4190	4700	24500	4940	9150	4130
20	2430	4130	4960	4120	6900	10600	3550	5640	23900	3030	10400	3980
21	2230	7430	4950	2610	5650	10800	3440	7740	22100	1740	12700	3830
22	2430	6920	4670	4720	6420	10600	9080	8310	18400	2200	14900	2280
23	2840	5270	2630	6040	7490	7890	18300	7120	15700	4140	13100	2790
24	4060	3560	1760	7330	6920	6660	21300	5540	13900	4860	9420	3960
25	3890	2070	3320	7990	5520	8430	23300	4490	12900	5100	6540	3210
26	5550	1700	5290	6920	6460	11400	25700	3880	11300	4940	6550	4380
27	5020	1640	4380	5900	14100	12400	28500	4520	8000	4400	6710	5370
28	2830	1640	4140	4640	19700	14900	32500	5570	9630	3450	6900	3300
29	2360	1590	7720	6410	21700	16500	35700	5440	10200	2300	5810	2600
30	3670	1550	8400	7880	---	15900	35400	7130	7670	2200	7050	3520
31	5540	---	7210	8360	---	14700	---	8470	---	3200	4730	---
TOTAL	113480	118240	153300	238350	196170	437300	363660	341190	450650	136780	217660	117140
MEAN	3661	3941	4945	7689	6764	14110	12120	11010	15020	4412	7021	3905

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
MEAN	6724	6599	8873	12660	15620	17540	14300	9359	7551	6667	6809	6595
MAX	29150	18760	22710	25280	44410	36910	31790	24620	17950	21520	16110	49130
(WY)	1965	1948	1949	1946	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

WATER YEARS 1939 - 1992

HYDROLOGIC STATISTICS	FOR 1989 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1959 - 1992	
ANNUAL TOTAL	4295650		2883920			
ANNUAL MEAN	11770		7880		9865	
HIGHEST ANNUAL MEAN					16470	1960
LOWEST ANNUAL MEAN					5392	1981
HIGHEST DAILY MEAN	34600	Apr 6	35700	Apr 29	217000	Sep 22 1945
LOWEST DAILY MEAN	1460	Dec 2	1460	Dec 2	720	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	1560	Nov 27	1560	Nov 27	814	Sep 27 1954
INSTANTANEOUS PEAK FLOW			36100	Apr 29	* 220000	Sep 22 1945
INSTANTANEOUS PEAK STAGE			23.88	Apr 29	33.30	Sep 22 1945
INSTANTANEOUS LOW FLOW			1420	Oct 15	629	Jun 26 1984
ANNUAL RUNOFF (CFSM)	1.33		.89		1.12	
ANNUAL RUNOFF (INCHES)	18.10		12.15		15.18	
10 PERCENT EXCEEDS	24700		15800		20200	
50 PERCENT EXCEEDS	8990		5630		7110	
90 PERCENT EXCEEDS	2910		2840		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
02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1949 to September 1949, 1962 to August 1974, 1978 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOC CI FECAL, KF AGAR (COLS. PER 100 ML)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3	ALKA- LITY LAB (MG/L AS CACO3)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	HARD- NESS TOTAL (MG/L AS CACO3)
NOV 18...	1300	4200	770	13.0	K52	K26	32	34	9.4	88	23
JAN 22...	1030	4760	765	7.0	200	K22	23	25	10.3	84	20
MAR 23...	1045	7960	755	12.0	85	120	22	24	9.2	86	20
MAY 26...	1000	3900	755	22.5	74	180	24	25	6.7	78	21
JUL 22...	0730	1930	764	28.0	K33	K63	26	27	5.6	71	22
SEP 21...	0930	4070	760	26.5	89	120	29	32	6.2	77	19

DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TUR- BID- ITY (NTU)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
NOV 18...	7.4	160	5.6	5.2	2.3	3.3	24	66	2	17	<0.10
JAN 22...	7.0	117	6.6	5.0	1.9	2.5	14	56	1	12	0.20
MAR 23...	7.1	104	10	4.7	2.0	2.2	11	51	1	9.3	<0.10
MAY 26...	7.0	127	26	4.9	2.0	2.7	16	59	2	13	<0.10
JUL 22...	7.1	112	9.0	5.0	2.2	2.8	12	51	1	12	<0.10
SEP 21...	7.3	143	7.5	4.1	2.0	3.1	20	66	2	15	0.10

DATE	SULFATE DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
NOV 18...	21	9.6	101	101	0.14	1150	0.420	0.010	0.010	0.460	0.430
JAN 22...	10	10	72	70	0.10	925	--	<0.010	<0.010	0.500	0.520
MAR 23...	8.8	11	88	62	0.12	1890	--	<0.010	<0.010	0.560	0.550
MAY 26...	13	10	90	78	0.12	948	0.720	0.010	0.020	0.740	0.740
JUL 22...	17	9.1	91	75	0.12	474	0.470	<0.010	0.010	0.470	0.480
SEP 21...	13	9.7	106	83	0.14	1160	--	<0.010	<0.010	0.290	0.290

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992 1990--Continued

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)
NOV 18...	0.050	0.06	0.040	0.26	0.30	0.15	0.050	0.050	0.070	0.080	70
JAN 22...	0.060	0.08	0.030	0.27	0.30	0.06	0.020	0.030	0.030	0.070	60
MAR 23...	0.030	0.04	0.040	0.16	0.20	0.06	0.020	0.040	0.030	0.060	--
MAY 26...	0.050	0.06	0.070	0.23	0.30	0.18	0.060	0.070	0.110	0.080	210
JUL 22...	0.030	0.04	0.040	0.26	0.30	0.12	0.040	0.060	0.030	0.080	--
SEP 21...	0.020	0.03	0.030	0.27	0.30	0.15	0.050	0.050	0.050	0.090	<10

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)
NOV 18...	37	<3	270	13	147	<4	13	82	<10	1
JAN 22...	28	<3	250	10	129	<4	21	100	<10	<1
MAR 23...	--	--	--	16	344	--	--	100	--	--
MAY 26...	38	<3	460	27	284	<4	27	98	<10	1
JUL 22...	--	--	--	30	156	--	--	96	--	--
SEP 21...	20	<3	150	15	165	<4	13	100	<10	<1

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)
NOV 18...	<1	<1.0	46	--	<6	--	--	--	--	--
JAN 22...	<1	<1.0	41	--	<6	--	--	--	--	--
MAR 23...	--	--	--	0.03	--	<0.6	0.7	1.9	1.7	0.8
MAY 26...	<1	<1.0	46	--	<6	--	--	--	--	--
JUL 22...	--	--	--	0.02	--	<0.6	<0.6	3.0	2.7	0.8
SEP 21...	<1	<1.0	42	--	<6	--	--	--	--	--

DATE	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO4)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO2)	NITRO- GEN, TOTAL (MG/L AS NO3)
NOV 18...	--	--	0.73	0.450	0.15	0	0.05	2.0	0.03	3.2
JAN 22...	--	--	0.82	--	0.09	2	0.04	--	--	3.6
MAR 23...	0.8	0.06	0.75	--	0.12	2	0.05	--	--	3.3
MAY 26...	--	--	1.0	0.730	0.21	1	0.09	3.2	0.03	4.6
JUL 22...	0.8	0.07	0.78	--	0.18	0	0.05	--	--	3.5
SEP 21...	--	--	0.59	--	0.15	0	0.04	--	--	2.6

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN
02131150 CATFISH CANAL AT SELLERS, SC

LOCATION.--Lat 34°17'04'', long 79°26'32'', Marion County, Hydrologic Unit 03040201, on right downstream wingwall of culvert on State Highway 38, 2.0 mi east of Sellers, 2.3 mi upstream from Stackhouse Creek, and at mile 25.6.

DRAINAGE AREA.--27.4 mi².

PERIOD OF RECORD.--November 1966 to September 1992 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 75 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	6.2	9.8	15	18	21	15	14	14	4.8	1.1	26
2	3.9	6.8	12	14	17	19	14	13	11	4.5	1.2	24
3	6.1	7.8	12	19	16	18	13	12	8.6	4.3	1.6	23
4	5.3	7.5	14	23	15	17	13	11	14	4.1	2.1	23
5	6.3	6.7	12	20	14	16	12	10	30	3.7	6.7	24
6	7.6	6.6	13	18	14	17	12	9.5	30	3.4	21	29
7	5.9	6.8	12	17	13	19	11	13	20	3.1	9.2	36
8	5.1	6.8	12	15	13	18	11	24	16	2.8	6.2	39
9	4.7	8.6	12	14	12	17	10	20	14	2.6	4.9	33
10	4.4	20	13	14	11	18	9.9	16	18	2.6	4.8	30
11	4.1	14	13	13	11	21	9.2	13	17	2.4	3.8	28
12	4.0	10	13	12	11	18	9.1	12	20	2.2	3.8	26
13	3.8	9.2	13	13	10	16	18	11	25	2.0	32	24
14	3.7	8.2	14	17	11	15	12	10	21	1.7	109	22
15	3.7	8.6	15	17	11	14	10	9.4	19	2.4	171	21
16	4.9	8.0	14	15	12	14	9.4	8.6	18	2.4	209	20
17	4.8	7.5	14	14	11	14	9.0	7.7	14	1.7	139	20
18	4.3	6.9	15	13	14	13	8.6	8.9	12	1.4	256	20
19	4.0	6.6	15	16	14	14	7.9	10	11	2.0	161	21
20	4.0	6.9	15	16	13	15	8.2	8.8	12	4.7	313	19
21	4.0	7.2	15	16	12	15	19	7.1	10	3.3	371	19
22	4.0	8.0	15	14	11	14	129	6.3	9.1	2.4	158	19
23	4.0	8.1	16	18	18	17	56	5.6	8.1	2.2	85	19
24	4.2	8.0	16	26	28	16	36	5.0	7.1	1.9	66	19
25	4.4	7.7	15	22	26	14	27	4.6	6.4	1.8	56	18
26	4.9	7.4	14	20	31	20	22	4.5	5.8	1.7	50	18
27	5.2	6.9	14	18	29	21	19	4.7	9.1	1.4	43	18
28	5.6	6.8	16	22	26	18	18	4.3	8.0	2.1	38	17
29	6.1	6.8	18	22	24	16	16	6.1	6.4	1.3	35	20
30	6.3	7.8	18	21	---	16	15	14	5.5	1.1	31	18
31	6.3	---	16	20	---	16	---	17	---	1.1	28	---
TOTAL	149.4	244.4	435.8	534	466	517	579.3	321.1	420.1	79.1	2417.4	693
MEAN	4.82	8.15	14.1	17.2	16.1	16.7	19.3	10.4	14.0	2.55	78.0	23.1
MAX	7.6	20	18	26	31	21	129	24	30	4.8	371	39
MIN	3.7	6.2	9.8	12	10	13	7.9	4.3	5.5	1.1	1.1	17
CFSM	.18	.30	.51	.63	.59	.61	.70	.38	.51	.09	2.85	.84
IN.	.20	.33	.59	.72	.63	.70	.79	.44	.57	.11	3.28	.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1992, BY WATER YEAR (WY)

MEAN	11.5	16.7	28.4	41.1	44.7	52.8	34.4	13.9	14.0	13.0	26.5	13.2
MAX	56.5	78.3	57.1	87.0	101	179	93.3	34.3	66.2	43.0	137	59.0
(WY)	1972	1986	1984	1975	1983	1983	1983	1978	1969	1984	1974	1974
MIN	.055	1.94	3.25	4.32	10.4	7.13	4.24	2.85	1.60	.96	.42	.22
(WY)	1979	1985	1985	1981	1981	1981	1981	1986	1986	1987	1987	1980

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1967 - 1992

ANNUAL TOTAL	7985.1	6856.6	
ANNUAL MEAN	21.9	18.7	
HIGHEST ANNUAL MEAN			26.3
LOWEST ANNUAL MEAN			48.4
HIGHEST DAILY MEAN	207	371	14.0
LOWEST DAILY MEAN	2.5	1.1	1969
ANNUAL SEVEN-DAY MINIMUM	2.7	1.3	1981
INSTANTANEOUS PEAK FLOW		439	14.0
INSTANTANEOUS PEAK STAGE		7.76	1971
INSTANTANEOUS LOW FLOW		1.1 *	1971
ANNUAL RUNOFF (CFSM)	.80	.68	1971
ANNUAL RUNOFF (INCHES)	10.84	9.31	1971
10 PERCENT EXCEEDS	47	26	1971
50 PERCENT EXCEEDS	14	13	1971
90 PERCENT EXCEEDS	4.3	3.9	1971

* Also occurred on July 31, Aug. 1, 2.

** No flow for many days in 1978, 1983, and 1984.

PEE DEE RIVER BASIN

02131250 LYNCHES RIVER NEAR PAGELAND, SC

LOCATION.--Lat 34°45'00'', long 80°03'31'', Lancaster County, Hydrologic Unit 03040202, on downstream side of bridge on SC Highway 9, 200 ft downstream of Hills Creek, 6.8 mi East of Pageland, and at mi 138.0.

DRAINAGE AREA.--73.2 mi².

PERIOD OF RECORD.--May 1991 to September 1992 (discontinued).

GAGE.--Data collection platform. Datum of gage is 343.25 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--WATER YEAR 1991: Records good, except for estimated daily discharges, June 1, 2, Aug. 7, 8, 13, and discharges above 156 ft³/s, which are poor.

WATER YEAR 1992: Records good, except for estimated daily discharges, Feb. 25, 26, Apr. 21, 22, June 4, 5, 11, and discharges above 156 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	83	5.5	15	7.9
2	---	---	---	---	---	---	---	---	295	4.8	173	7.3
3	---	---	---	---	---	---	---	---	95	105	152	6.3
4	---	---	---	---	---	---	---	---	41	51	35	5.8
5	---	---	---	---	---	---	---	---	26	35	15	5.5
6	---	---	---	---	---	---	---	---	19	28	10	5.4
7	---	---	---	---	---	---	---	---	17	18	210	5.6
8	---	---	---	---	---	---	---	---	16	14	230	5.5
9	---	---	---	---	---	---	---	---	15	12	76	5.5
10	---	---	---	---	---	---	---	---	13	10	67	5.0
11	---	---	---	---	---	---	---	---	12	8.4	36	4.9
12	---	---	---	---	---	---	---	---	12	7.1	346	5.0
13	---	---	---	---	---	---	---	---	11	7.5	415	3.8
14	---	---	---	---	---	---	---	---	21	6.5	143	3.8
15	---	---	---	---	---	---	---	---	21	4.9	155	3.8
16	---	---	---	---	---	---	---	---	13	4.6	47	3.3
17	---	---	---	---	---	---	---	---	11	5.0	19	3.0
18	---	---	---	---	---	---	---	---	13	12	8.9	3.0
19	---	---	---	---	---	---	---	---	12	14	3.7	2.6
20	---	---	---	---	---	---	---	---	22	8.0	15	2.5
21	---	---	---	---	---	---	---	---	14	6.8	18	5.2
22	---	---	---	---	---	---	---	---	11	5.8	14	3.2
23	---	---	---	---	---	---	---	---	13	4.3	13	2.6
24	---	---	---	---	---	---	---	---	8.8	2.8	13	2.3
25	---	---	---	---	---	---	---	---	8.1	2.1	15	9.5
26	---	---	---	---	---	---	---	---	8.4	1.5	23	28
27	---	---	---	---	---	---	---	---	8.1	8.5	17	13
28	---	---	---	---	---	---	---	23	7.5	11	14	6.1
29	---	---	---	---	---	---	---	21	7.0	104	14	4.0
30	---	---	---	---	---	---	---	17	6.3	102	11	3.0
31	---	---	---	---	---	---	---	15	---	24	9.1	---
TOTAL	---	---	---	---	---	---	---	---	860.2	634.1	2332.7	172.4
MEAN	---	---	---	---	---	---	---	---	28.7	20.5	75.2	5.75
MAX	---	---	---	---	---	---	---	---	295	105	415	28
MIN	---	---	---	---	---	---	---	---	6.3	1.5	3.7	2.3
CFSM	---	---	---	---	---	---	---	---	.39	.28	1.03	.08
IN.	---	---	---	---	---	---	---	---	.44	.32	1.19	.09

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

MEAN	---	---	---	---	---	---	---	---	28.7	20.5	75.2	5.75
MAX	---	---	---	---	---	---	---	---	28.7	20.5	75.2	5.75
(WY)	---	---	---	---	---	---	---	---	1991	1991	1991	1991
MIN	---	---	---	---	---	---	---	---	28.7	20.5	75.2	5.75
(WY)	---	---	---	---	---	---	---	---	1991	1991	1991	1991

PEE DEE RIVER BASIN
02131250 LYNCHES RIVER NEAR PAGELAND, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	3.1	7.5	16	17	44	36	14	6.7	8.4	.54	1.3
2	3.5	3.5	7.1	12	15	37	30	13	5.4	8.2	10	1.2
3	9.7	3.3	12	157	14	32	25	12	4.6	7.4	16	2.6
4	7.5	3.3	39	141	13	27	23	10	98	6.9	4.3	29
5	5.4	3.1	19	62	13	24	21	9.4	225	5.9	2.1	7.8
6	4.4	3.1	12	36	12	80	18	10	45	5.3	1.5	3.4
7	3.0	3.7	9.9	23	11	212	18	99	21	4.7	1.2	2.3
8	2.5	3.9	8.5	16	11	85	19	218	17	2.9	1.1	1.7
9	2.3	5.4	8.2	14	9.9	55	18	100	87	2.7	1.4	1.6
10	2.5	101	8.3	13	9.1	44	16	54	97	2.6	1.1	1.7
11	2.9	35	7.6	11	9.7	39	15	40	623	2.5	.82	1.7
12	2.4	16	7.4	9.4	10	31	15	44	158	2.4	.80	1.4
13	1.9	10	7.7	8.6	10	26	13	31	86	1.9	3.2	1.1
14	1.9	7.8	8.6	36	11	23	12	29	263	1.7	20	.93
15	2.8	6.4	8.7	29	17	22	23	16	130	1.6	10	.77
16	5.4	6.0	8.6	17	72	19	53	13	339	1.3	4.7	.67
17	18	6.1	7.3	13	39	17	29	12	91	1.2	75	.70
18	12	5.3	6.9	12	36	17	7.6	11	55	1.1	67	.68
19	5.6	5.3	6.9	11	67	38	7.3	12	41	1.2	19	1.1
20	3.9	5.4	6.7	9.8	60	75	7.8	9.9	33	1.9	22	1.9
21	2.4	6.1	7.5	9.4	36	65	710	8.7	28	1.9	26	6.6
22	2.7	7.1	7.8	9.1	28	43	425	8.2	24	1.4	17	2.2
23	2.8	6.4	8.1	115	53	161	102	8.2	21	5.3	11	1.3
24	2.8	6.0	14	110	102	85	60	7.6	20	8.7	8.1	.98
25	3.2	5.5	14	52	285	55	48	5.3	18	5.2	2.7	.98
26	3.1	6.1	12	34	436	300	33	5.0	15	2.5	1.9	.98
27	3.3	5.2	17	25	133	121	29	6.1	11	1.5	2.0	20
28	3.0	5.3	41	28	81	72	26	5.3	11	1.0	2.0	11
29	2.6	6.7	312	26	59	54	23	6.4	9.1	.80	1.8	2.9
30	2.5	6.7	60	22	---	46	15	8.1	9.3	.74	1.9	1.7
31	2.8	---	27	20	---	42	---	8.1	---	.67	1.6	---
TOTAL	131.4	297.8	728.3	1097.3	1669.7	1991	1877.7	834.3	2592.1	101.51	337.76	112.19
MEAN	4.24	9.93	23.5	35.4	57.6	64.2	62.6	26.9	86.4	3.27	10.9	3.74
MAX	18	101	312	157	436	300	710	218	623	8.7	75	29
MIN	1.9	3.1	6.7	8.6	9.1	17	7.3	5.0	4.6	.67	.54	.67
CFSM	.06	.14	.32	.48	.79	.88	.86	.37	1.18	.04	.15	.05
IN.	.07	.15	.37	.56	.85	1.01	.95	.42	1.32	.05	.17	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
MEAN	4.24	9.93	23.5	35.4	57.6	64.2	62.6	26.9	57.5	11.9	43.1	4.74
MAX	4.24	9.93	23.5	35.4	57.6	64.2	62.6	26.9	86.4	20.5	75.2	5.75
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991	1991	1991
MIN	4.24	9.93	23.5	35.4	57.6	64.2	62.6	26.9	28.7	3.27	10.9	3.74
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1991	1992	1992	1992

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	11771.06	
ANNUAL MEAN	32.2	
HIGHEST ANNUAL MEAN		32.2
LOWEST ANNUAL MEAN		32.2
HIGHEST DAILY MEAN	710	Apr 21 1992
LOWEST DAILY MEAN	.54	Aug 1 1992
ANNUAL SEVEN-DAY MINIMUM	.85	Sep 13 1992
INSTANTANEOUS PEAK FLOW	Unknown	Apr 21 1992
INSTANTANEOUS PEAK STAGE	14.36	Apr 21 1992
INSTANTANEOUS LOW FLOW	.35	Aug 2 1992
ANNUAL RUNOFF (CFSM)	.44	
ANNUAL RUNOFF (INCHES)	5.98	
10 PERCENT EXCEEDS	75	
50 PERCENT EXCEEDS	10	
90 PERCENT EXCEEDS	1.7	

PEE DEE RIVER BASIN
02131309 FORK CREEK AT JEFFERSON, SC

75

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 current year.

GAGE.--Data collection platform. Datum of gage is 302.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Apr. 21 to May 11, July 14 - 28, Aug. 5 - 8, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.6	4.8	9.6	24	18	29	22	18	10	13	.60	2.8
2	9.0	5.0	9.9	22	16	26	20	17	7.6	12	1.1	2.9
3	19	19	19	43	17	25	18	15	6.0	9.8	2.9	2.9
4	14	11	40	48	16	23	18	13	38	8.2	1.5	4.0
5	12	6.7	23	34	15	23	17	12	72	6.6	1.0	3.3
6	11	6.1	17	28	14	30	15	15	25	5.0	4.9	10
7	7.7	5.7	16	24	14	51	15	50	15	4.9	2.9	21
8	6.6	4.9	16	22	14	33	15	70	17	4.1	4.2	9.9
9	6.3	7.6	14	20	12	27	15	40	68	3.4	3.1	7.3
10	6.2	70	13	20	12	24	13	30	52	2.7	1.9	5.2
11	6.4	38	12	18	13	23	13	25	128	2.3	1.3	6.0
12	5.2	23	11	17	14	20	15	21	90	2.0	.99	5.6
13	4.6	19	11	18	13	19	28	20	47	1.8	5.4	4.0
14	4.7	16	13	35	13	19	15	21	58	1.6	31	2.8
15	6.4	14	11	26	21	19	12	18	54	1.5	16	2.3
16	14	11	9.7	20	32	17	13	15	64	1.4	11	2.3
17	15	11	9.1	17	23	16	12	13	60	1.3	19	2.2
18	10	9.6	9.2	18	23	16	10	12	33	1.3	44	2.1
19	7.7	11	8.3	17	31	28	9.1	26	26	2.2	21	2.2
20	6.1	12	7.7	15	24	27	9.6	17	21	2.3	26	6.4
21	5.7	10	8.3	16	19	25	230	13	17	1.9	22	5.1
22	5.6	11	8.4	14	18	21	150	10	16	1.7	15	3.8
23	5.5	10	9.1	43	29	39	60	8.4	14	1.5	13	3.6
24	5.4	9.4	22	48	39	29	40	6.8	13	1.4	11	2.8
25	5.3	9.3	16	29	39	24	30	5.9	13	1.2	8.4	3.3
26	8.8	9.4	12	24	63	36	28	7.0	12	.90	6.3	3.7
27	6.4	8.9	26	22	59	39	25	11	25	.80	5.6	3.9
28	5.3	9.3	27	24	41	30	22	7.2	23	.70	9.2	6.9
29	4.9	9.4	81	22	35	26	20	8.6	14	.75	5.8	5.2
30	4.7	9.1	40	20	---	24	19	19	16	.76	4.0	3.0
31	4.9	---	29	19	---	24	---	15	---	.65	3.2	---
TOTAL	242.0	401.2	558.3	767	697	812	928.7	579.9	1054.6	99.66	303.29	146.5
MEAN	7.81	13.4	18.0	24.7	24.0	26.2	31.0	18.7	35.2	3.21	9.78	4.88
MAX	19	70	81	48	63	51	230	70	128	13	44	21
MIN	4.6	4.8	7.7	14	12	16	9.1	5.9	6.0	.65	.60	2.1
CFSM	.32	.55	.74	1.02	.99	1.08	1.27	.77	1.45	.13	.40	.20
IN.	.37	.61	.85	1.17	1.07	1.24	1.42	.89	1.61	.15	.46	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1992, BY WATER YEAR (WY)

	MEAN	20.3	18.6	26.9	42.4	43.1	55.5	35.0	22.7	13.1	11.0	12.6	7.35
MAX	179	47.8	59.5	91.3	73.4	101	72.8	93.2	49.4	50.0	47.6	21.3	
(WY)	1991	1980	1977	1978	1979	1980	1979	1991	1991	1991	1991	1979	
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 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1976 - 1992
ANNUAL TOTAL	16120.0	6590.15	
ANNUAL MEAN	44.2	18.0	25.7
HIGHEST ANNUAL MEAN			62.3
LOWEST ANNUAL MEAN			10.7
HIGHEST DAILY MEAN	644	230	2600
LOWEST DAILY MEAN	4.0	.60	.00
ANNUAL SEVEN-DAY MINIMUM	4.5	.74	.00
INSTANTANEOUS PEAK FLOW		530	** 8960
INSTANTANEOUS PEAK STAGE		6.00	13.32
ANNUAL RUNOFF (CFSM)	1.82	.74	1.06
ANNUAL RUNOFF (INCHES)	24.68	10.09	14.36
10 PERCENT EXCEEDS	84	37	55
50 PERCENT EXCEEDS	35	14	14
90 PERCENT EXCEEDS	6.9	2.8	1.1

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

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

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 National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except those above 50 ft³/s, which are fair, and estimated daily discharges, May 11 - 22, Sept. 9 - 14, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	2.6	5.0	10	10	19	15	14	7.6	7.8	3.7	2.4
2	3.4	2.7	5.9	9.9	9.4	18	14	13	6.2	6.9	4.1	2.2
3	5.6	2.6	9.8	21	9.4	17	12	12	5.7	6.1	4.0	2.5
4	5.1	2.9	15	26	9.1	16	12	11	16	5.7	3.1	2.4
5	4.6	3.2	9.5	17	8.8	15	12	9.5	25	5.3	2.5	2.4
6	4.5	3.1	6.9	15	9.0	20	11	9.6	12	4.6	2.5	4.3
7	3.6	2.8	5.9	13	8.2	34	11	36	8.2	4.4	2.5	4.0
8	3.2	2.8	5.3	11	7.9	22	11	47	13	4.3	3.2	2.9
9	2.9	4.5	5.7	12	7.5	18	11	26	26	4.1	2.6	2.5
10	2.8	25	5.5	12	7.6	17	9.9	19	21	3.8	2.4	2.8
11	2.8	14	5.1	10	7.9	16	9.4	16	50	3.7	2.2	4.0
12	2.5	8.3	5.0	9.8	8.3	15	9.8	15	31	3.5	2.1	3.7
13	2.4	6.3	4.9	10	7.8	14	9.7	14	20	3.5	5.5	3.5
14	2.3	5.6	5.3	19	8.7	13	8.1	15	29	3.9	7.8	3.3
15	3.6	4.9	5.1	16	11	12	7.8	13	26	4.1	4.3	2.9
16	4.0	4.7	5.0	13	17	12	7.5	11	40	3.8	3.8	2.4
17	4.0	4.6	4.5	25	13	12	7.7	9.0	40	3.3	6.3	2.4
18	3.9	4.6	4.4	10	11	11	7.6	10	20	3.1	6.5	2.2
19	3.6	4.3	4.2	9.6	15	16	6.9	19	15	3.3	4.3	2.5
20	3.3	4.2	3.8	9.5	14	17	7.1	12	12	3.4	4.2	3.2
21	3.4	4.8	4.1	9.2	10	16	191	9.0	10	3.1	4.1	2.9
22	3.3	5.4	4.5	9.2	9.0	13	115	7.3	8.5	3.7	3.5	2.6
23	3.1	5.8	5.5	21	17	22	39	7.0	8.2	4.3	3.3	2.5
24	3.2	5.6	8.0	25	21	18	27	6.6	7.3	3.7	3.1	2.5
25	3.2	5.5	7.5	15	44	15	23	6.1	6.8	3.1	2.9	2.8
26	3.0	5.9	6.4	12	94	36	19	5.8	6.3	3.1	2.8	2.7
27	3.2	4.6	8.9	12	39	27	17	6.5	9.7	3.0	3.3	4.4
28	3.2	4.2	14	12	27	19	16	6.9	10	2.9	3.5	4.4
29	2.9	5.8	40	12	23	17	15	7.6	7.1	2.7	2.8	3.1
30	2.8	5.1	18	12	---	16	14	9.6	8.6	3.1	2.5	2.9
31	2.7	---	13	11	---	16	---	9.1	---	3.7	2.4	---
TOTAL	105.3	166.4	251.7	429.2	484.6	549	676.5	412.6	506.2	125.0	111.8	89.3
MEAN	3.40	5.55	8.12	13.8	16.7	17.7	22.5	13.3	16.9	4.03	3.61	2.98
MAX	5.6	25	40	26	94	36	191	47	50	7.8	7.8	4.4
MIN	2.3	2.6	3.8	9.2	7.5	11	6.9	5.8	5.7	2.7	2.1	2.2
CFSM	.23	.37	.54	.92	1.11	1.18	1.50	.89	1.12	.27	.24	.20
IN.	.26	.41	.62	1.06	1.20	1.36	1.68	1.02	1.26	.31	.28	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

MEAN	58.6	13.4	13.6	20.4	19.9	32.7	28.7	29.1	18.4	12.9	12.5	4.27
MAX	114	21.3	19.1	27.0	23.2	47.7	34.8	44.8	19.9	21.7	21.4	5.56
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MIN	3.40	5.55	8.12	13.8	16.7	17.7	22.5	13.3	16.9	4.03	3.61	2.98
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	8019.6	3907.6	
ANNUAL MEAN	22.0	10.7	
HIGHEST ANNUAL MEAN			22.1
LOWEST ANNUAL MEAN			33.6
HIGHEST DAILY MEAN	377	May 6	10.7
LOWEST DAILY MEAN	2.3	Oct 14	1991
ANNUAL SEVEN-DAY MINIMUM	2.7	Oct 8	1992
INSTANTANEOUS PEAK FLOW			1400
INSTANTANEOUS PEAK STAGE			2.1
ANNUAL RUNOFF (CFSM)	1.46		Aug 12 1992
ANNUAL RUNOFF (INCHES)	19.89		2.4
10 PERCENT EXCEEDS	42		Aug 30 1992
50 PERCENT EXCEEDS	17		* 2440
90 PERCENT EXCEEDS	3.6		Oct 11 1990
			Oct 11 1990
			12.83
			1.47
			20.03
			36
			14
			3.3

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

PEE DEE RIVER BASIN

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02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58'', long 80°34'59'', Lancaster County, Hydrologic Unit 03040202, on right side, on downstream side of bridge on State Road 770, 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.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Some possible regulation by Kershaw City Reservoir located about 1 mile upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	9.5	10	17	17	34	25	19	11	10	6.2	3.5
2	9.8	9.6	10	15	16	31	23	18	9.9	9.6	6.2	3.1
3	16	9.7	21	28	16	29	23	18	11	9.0	6.2	4.7
4	12	10	25	30	17	28	23	18	24	8.9	6.2	6.3
5	11	9.8	13	20	16	27	22	17	56	8.4	6.6	4.8
6	11	9.3	11	17	16	39	21	18	17	8.0	7.2	4.5
7	10	9.3	10	16	16	65	21	45	13	7.8	6.4	4.4
8	9.6	9.3	9.8	15	16	40	21	86	12	7.4	6.2	4.1
9	9.2	12	9.6	15	15	32	21	38	20	7.6	6.2	4.0
10	8.8	52	9.6	15	15	30	20	25	17	6.5	6.1	3.5
11	9.6	20	9.1	14	16	29	20	21	20	6.2	6.0	4.2
12	10	14	8.6	14	16	28	20	18	21	6.2	6.0	4.4
13	9.5	13	8.9	14	16	28	19	17	18	6.2	6.8	4.3
14	9.0	12	9.4	25	16	28	18	17	46	6.2	23	4.1
15	11	11	9.0	19	20	27	17	16	39	6.1	13	4.1
16	13	11	8.3	16	26	27	16	15	46	5.8	9.3	4.0
17	15	11	8.2	15	20	27	16	14	27	5.8	20	4.0
18	12	11	8.2	15	20	27	16	13	19	5.8	34	4.0
19	11	11	8.2	16	23	30	16	13	16	13	21	4.0
20	11	12	8.3	15	21	29	20	12	15	12	38	4.2
21	10	11	8.6	15	19	28	156	12	14	7.5	20	5.1
22	11	11	9.2	15	19	27	163	12	13	7.1	13	5.5
23	11	11	9.1	32	46	35	51	11	13	7.0	9.6	5.0
24	12	11	13	35	49	29	34	11	12	7.0	8.1	5.6
25	11	10	11	23	84	26	27	11	11	7.0	6.5	6.6
26	11	10	9.8	20	229	80	23	11	11	6.8	5.5	6.3
27	10	9.5	12	19	86	48	21	11	11	6.7	5.4	17
28	10	9.5	35	19	51	34	20	10	11	6.6	5.4	13
29	9.7	10	127	19	41	29	20	11	10	6.3	4.9	8.2
30	9.4	10	35	18	---	27	19	12	10	6.2	4.5	7.0
31	9.6	---	21	18	---	26	---	12	---	6.2	3.9	---
TOTAL	332.8	369.5	505.9	584	978	1024	932	582	573.9	230.9	327.4	163.5
MEAN	10.7	12.3	16.3	18.8	33.7	33.0	31.1	18.8	19.1	7.45	10.6	5.45
MAX	16	52	127	35	229	80	163	86	56	13	38	17
MIN	8.8	9.3	8.2	14	15	26	16	10	9.9	5.8	3.9	3.1
CFSM	.45	.52	.68	.79	1.41	1.38	1.30	.79	.80	.31	.44	.23
IN.	.52	.58	.79	.91	1.52	1.59	1.45	.91	.89	.36	.51	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	20.9	17.1	27.9	34.7	42.0	47.0	33.4	22.0	11.1	12.4	17.6	12.4
MAX	114	53.3	58.8	85.5	70.2	98.2	67.4	67.4	28.3	39.6	77.6	44.9	
(WY)	1991	1986	1984	1987	1990	1983	1983	1991	1982	1989	1991	1989	
MIN	1.70	2.84	6.22	8.75	18.1	13.2	8.30	5.09	.99	.27	3.05	1.94	
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1983	1981	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	12985.4	6603.9	
ANNUAL MEAN	35.6	18.0	
HIGHEST ANNUAL MEAN			24.8
LOWEST ANNUAL MEAN			46.6
HIGHEST DAILY MEAN	690	May 4	10.2
LOWEST DAILY MEAN	7.0	Jul 13	1080
ANNUAL SEVEN-DAY MINIMUM	8.4	Dec 15	.13
INSTANTANEOUS PEAK FLOW			.19
INSTANTANEOUS PEAK STAGE			** 1770
ANNUAL RUNOFF (CFSM)	1.49		10.69
ANNUAL RUNOFF (INCHES)	20.21		1.04
10 PERCENT EXCEEDS	60		14.11
50 PERCENT EXCEEDS	20		47
90 PERCENT EXCEEDS	9.6		14
			2.4

* Also occurred on July 21, 30, 1986.

** Based on rating curve extended above 960 ft³/s.

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC
(National stream-quality accounting network station)

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.

WATER-DISCHARGE RECORDS

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 National Geodetic Vertical Datum of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Nov. 24 - 27, Dec. 2 - 22, Aug. 12 - 18, 20, 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	537	391	473	748	1120	1480	1110	2040	361	442	180	697
2	518	387	467	809	1000	1550	1190	1990	360	436	174	620
3	487	383	480	925	919	1630	1240	1490	384	514	168	566
4	454	380	509	1090	852	1700	1170	910	417	437	164	521
5	464	379	522	1190	795	1840	1020	651	513	387	165	499
6	537	381	533	1250	761	2060	885	560	605	364	165	631
7	537	386	541	1260	736	2170	780	518	793	345	163	827
8	536	395	589	1190	708	2000	719	563	833	328	174	965
9	540	413	654	1110	680	1610	680	605	785	314	187	1000
10	529	564	658	1110	659	1270	652	621	904	298	195	998
11	496	577	660	1160	644	1200	633	693	1130	286	206	941
12	458	554	607	1160	631	1200	626	785	1420	275	223	825
13	427	580	568	1080	617	1250	618	885	1460	264	265	690
14	408	641	549	1070	609	1290	608	992	1290	249	304	586
15	398	715	536	1010	609	1260	592	1090	1270	237	522	523
16	394	789	515	921	623	1120	583	1170	1310	227	919	474
17	387	843	498	862	633	979	584	1070	1310	219	1320	434
18	382	835	496	843	678	872	574	807	1280	216	2760	408
19	384	736	490	936	723	829	550	643	1330	211	2450	409
20	407	627	484	1070	769	865	533	555	1440	208	2430	372
21	432	567	476	1080	813	844	559	494	1500	208	3040	357
22	443	544	470	1000	840	813	883	465	1480	209	3100	342
23	433	529	467	1010	985	828	772	457	1460	223	3530	334
24	413	516	491	1130	1390	875	751	439	1410	231	3800	325
25	397	514	511	1080	1450	899	804	409	1220	234	3520	330
26	391	512	512	1020	1450	978	890	401	802	226	3010	357
27	389	507	538	973	1440	1040	991	383	610	218	2530	361
28	389	500	616	1020	1420	1040	1110	364	552	212	2150	352
29	400	490	670	1110	1440	1070	1260	343	490	204	1750	358
30	404	480	709	1180	---	1080	1620	358	493	198	1170	353
31	398	---	714	1210	---	1070	---	372	---	189	827	---
TOTAL	13769	16115	17003	32607	25994	38712	24987	23123	29212	8609	41561	16455
MEAN	444	537	548	1052	896	1249	833	746	974	278	1341	548
MAX	540	843	714	1260	1450	2170	1620	2040	1500	514	3800	1000
MIN	382	379	467	748	609	813	533	343	360	189	163	325
IN.	.50	.58	.61	1.18	.94	1.40	.90	.84	1.06	.31	1.50	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1992, BY WATER YEAR (WY)

	MEAN	689	682	1012	1457	1716	1945	1553	813	600	668	703	688
MAX	3932	2347	3320	2999	4747	4874	4930	2180	1934	2331	2181	6326	
(WY)	1965	1948	1949	1982	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	1954	1954	1954	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1930 - 1992
ANNUAL TOTAL	500670	288147	
ANNUAL MEAN	1372	787	1041
HIGHEST ANNUAL MEAN			1823
LOWEST ANNUAL MEAN			451
HIGHEST DAILY MEAN	5680	Mar 11	24500
LOWEST DAILY MEAN	379	Nov 5	95
ANNUAL SEVEN-DAY MINIMUM	384	Nov 1	97
INSTANTANEOUS PEAK FLOW			25000
INSTANTANEOUS PEAK STAGE			21.21
INSTANTANEOUS LOW FLOW			94
ANNUAL RUNOFF (INCHES)	18.08	10.41	13.73
10 PERCENT EXCEEDS	2610	1410	2250
50 PERCENT EXCEEDS	1100	619	685
90 PERCENT EXCEEDS	449	311	260

* Also occurred on Aug. 5 - 7.

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1952 to September 1952, 1961 to April 1966, 1969 to July 1973, 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCOCI FECAL, KF AGAR (COLS. PER 100 ML)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3	ALKA-LINITY LAB (MG/L AS CaCO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CaCO3)
NOV 21...	0830	570	765	14.0	100	K70	15	17	8.6	83	13
JAN 22...	1415	1000	765	6.0	200	260	12	14	11.2	90	16
MAR 24...	0815	870	765	12.0	K28	K68	13	16	8.8	81	13
MAY 27...	0800	385	760	22.5	74	180	18	18	6.3	73	12
JUL 22...	1115	208	764	28.5	K63	120	33	35	5.5	71	14
SEP 22...	0700	343	760	25.0	K59	210	39	26	6.5	79	17

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS Na)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 21...	7.0	104	3.8	3.0	1.4	2.1	15	67	2	13	<0.10
JAN 22...	6.6	88	4.3	4.0	1.5	1.8	10	54	1	9.8	0.20
MAR 24...	7.1	83	4.3	3.1	1.3	1.5	10	59	1	8.8	<0.10
MAY 27...	6.8	90	7.4	2.7	1.3	1.3	13	67	2	8.5	<0.10
JUL 22...	7.3	166	2.5	3.5	1.3	1.4	27	79	3	11	<0.10
SEP 22...	6.6	135	3.6	4.3	1.4	1.6	20	70	2	12	<0.10

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
NOV 21...	14	8.3	57	66	0.08	87.7	0.190	<0.010	0.010	0.200	0.200
JAN 22...	11	5.9	61	52	0.08	165	--	<0.010	<0.010	0.200	0.230
MAR 24...	8.1	4.8	35	48	0.05	82.2	--	<0.010	<0.010	0.210	0.200
MAY 27...	9.2	7.4	59	56	0.08	61.3	--	<0.010	<0.010	0.490	0.490
JUL 22...	20	5.8	79	88	0.11	44.4	--	<0.010	<0.010	0.460	0.470
SEP 22...	20	7.5	103	89	0.14	95.4	--	<0.010	<0.010	0.450	0.460

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)
NOV 21...	0.020	0.03	0.030	0.27	0.30	0.03	0.010	0.010	0.020	0.030
JAN 22...	0.050	0.06	0.050	0.25	0.30	0.06	0.020	0.020	0.020	0.040
MAR 24...	0.030	0.04	0.020	0.28	0.30	--	<0.010	0.020	0.010	0.040
MAY 27...	0.050	0.06	0.040	0.26	0.30	0.09	0.030	0.030	0.060	0.050
JUL 22...	0.030	0.04	0.040	0.26	0.30	0.09	0.030	0.040	0.020	0.040
SEP 22...	0.030	0.04	0.040	0.46	0.50	0.06	0.020	0.030	0.030	0.050

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)
NOV 21...	70	19	<3	450	9	14	<4	37	80	<10
JAN 22...	80	38	<3	410	3	8.1	<4	20	100	<10
MAR 24...	--	--	--	--	6	14	--	--	100	--
MAY 27...	50	29	<3	790	12	12	<4	52	100	<10
JUL 22...	--	--	--	--	4	2.2	--	--	100	--
SEP 22...	60	31	<3	900	4	3.7	<4	54	100	<10

DATE	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO4)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4)	NITRO- GEN, TOTAL (MG/L AS NO3)
NOV 21...	<1	<1	<1.0	19	<6	0.50	0.03	1	0.04	2.2
JAN 22...	<1	<1	<1.0	23	<6	0.53	0.06	6	0.06	2.3
MAR 24...	--	--	--	--	--	0.50	0.06	--	0.03	2.2
MAY 27...	<1	<1	<1.0	21	<6	0.79	0.09	0	0.05	3.5
JUL 22...	--	--	--	--	--	0.77	0.12	0	0.05	3.4
SEP 22...	<1	<1	<1.0	28	<6	0.96	0.09	0	0.05	4.2

NOTE: "K" denotes a bacteria count outside ideal limits.
 ">" denotes a value greater than that listed.
 "<" denotes a value less than that listed.

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 National Geodetic Vertical Datum of 1929. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Aug. 4, 5, 11 - 24, which are fair.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1720	665	1200	1750	3210	3010	2570	2230	917	1590	311	5000
2	1760	642	1170	1810	3130	2980	2550	2140	1050	1450	299	4340
3	1810	623	1150	1950	3070	2950	2510	2040	1130	1360	291	3740
4	1790	601	1190	2110	2990	2920	2440	1930	1300	1260	285	3270
5	1810	585	1200	2350	2910	2930	2360	1810	1660	1150	291	2960
6	1860	572	1210	2580	2840	2950	2270	1690	1990	1090	357	2720
7	1900	560	1220	2690	2750	3010	2180	1660	2220	1070	426	2710
8	1960	547	1220	2760	2630	2960	2100	1710	2360	1090	541	2580
9	1950	586	1230	2800	2510	2890	2020	1700	2520	1120	565	2580
10	1870	842	1250	2820	2390	2840	1930	1700	3150	1130	543	2670
11	1770	1070	1250	2790	2290	2830	1850	1670	3570	1100	540	2700
12	1640	1290	1260	2750	2180	2780	1810	1590	3850	1030	501	2590
13	1510	1450	1280	2740	2070	2760	1730	1490	4180	932	501	2440
14	1390	1540	1290	2810	1990	2680	1640	1420	4340	853	598	2320
15	1300	1600	1290	2810	1890	2580	1540	1360	4250	799	946	2170
16	1310	1640	1280	2870	1810	2460	1440	1320	3910	730	1620	1990
17	1300	1660	1250	2910	1740	2350	1360	1290	3520	622	2550	1770
18	1290	1670	1210	2870	1730	2240	1280	1240	3120	495	4090	1560
19	1240	1660	1150	2920	1710	2200	1210	1170	2730	418	6740	1430
20	1170	1650	1090	2930	1700	2180	1160	1060	2400	583	9520	1330
21	1090	1650	1040	2910	1700	2160	1170	954	2130	829	12500	1410
22	1020	1660	996	2860	1700	2120	1490	841	2090	697	15200	1410
23	962	1640	966	2880	1860	2100	1700	729	2100	658	17000	1480
24	922	1630	982	2920	2080	2070	1940	636	2070	528	16400	1560
25	896	1600	993	2940	2300	2040	2100	562	2050	446	15100	1600
26	879	1550	1010	3040	2580	2170	2160	525	2030	425	13100	1550
27	854	1480	1060	3080	2780	2250	2200	502	2000	410	11100	1440
28	818	1400	1230	3180	2950	2340	2240	462	1950	395	9270	1310
29	770	1320	1380	3220	3020	2430	2270	467	1850	377	7710	1200
30	726	1250	1530	3250	---	2490	2260	637	1730	352	6590	1080
31	690	---	1660	3270	---	2540	---	794	---	331	5730	---
TOTAL	41977	36633	37237	85570	68510	79210	57480	39329	74167	25320	161215	66910
MEAN	1354	1221	1201	2760	2362	2555	1916	1269	2472	817	5200	2230
MAX	1960	1670	1660	3270	3210	3010	2570	2230	4340	1590	17000	5000
MIN	690	547	966	1750	1700	2040	1160	462	917	331	285	1080
CFSM	.49	.44	.43	.99	.85	.92	.69	.45	.89	.29	1.86	.80
IN.	.56	.49	.50	1.14	.91	1.06	.77	.52	.99	.34	2.15	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1992, BY WATER YEAR (WY)

	MEAN	1873	1782	2777	4122	5237	5890	4620	2290	1810	1939	2462	2317
MAX	14020	9623	10680	9146	15610	14710	12450	7308	7167	6650	11460	12410	
(WY)	1965	1948	1949	1946	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 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1942 - 1992

ANNUAL TOTAL	920547	773558	
ANNUAL MEAN	2522	2114	
HIGHEST ANNUAL MEAN			3096
LOWEST ANNUAL MEAN			5947
HIGHEST DAILY MEAN	6440	Feb 3	1371
LOWEST DAILY MEAN	472	Jun 18	27500
ANNUAL SEVEN-DAY MINIMUM	535	Jun 13	158
INSTANTANEOUS PEAK FLOW			164
INSTANTANEOUS PEAK STAGE			27600
INSTANTANEOUS LOW FLOW			11.58
ANNUAL RUNOFF (CFSM)	.90		279
ANNUAL RUNOFF (INCHES)	12.27		10.31
10 PERCENT EXCEEDS	4950		7040
50 PERCENT EXCEEDS	1960		2060
90 PERCENT EXCEEDS	818		629

* Also occurred on Aug. 5.

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to current year.
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.

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.--

SPECIFIC CONDUCTANCE: Maximum, 189 microsiemens, Aug. 10; minimum, 60 microsiemens, Aug. 29.
WATER TEMPERATURE: Maximum, 31.5°C, July 13 - 16; minimum, 6.0°C, Jan. 21, 22.
DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Jan. 22, 23, 26, 27; minimum, 3.3 mg/L, Aug. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	124	115	118	139	133	136	122	118	120	---	---	---
2	129	116	123	144	129	135	125	119	122	---	---	---
3	130	115	122	134	128	131	126	122	124	---	---	---
4	126	110	118	129	123	125	125	120	123	---	---	---
5	125	109	118	132	122	125	124	121	123	---	---	---
6	128	110	117	140	132	137	140	122	128	---	---	---
7	137	116	123	140	136	138	145	126	136	---	---	---
8	134	117	124	156	132	136	150	125	134	---	---	---
9	129	111	118	157	139	151	135	123	127	115	96	102
10	121	107	111	139	131	136	140	126	130	117	96	107
11	118	105	110	131	126	129	161	133	143	130	98	114
12	116	106	109	127	124	126	153	126	134	130	99	117
13	123	105	111	126	123	125	152	121	130	132	93	107
14	125	109	114	128	124	126	128	118	123	110	86	95
15	122	107	113	128	116	125	132	117	120	114	84	101
16	116	103	108	118	106	112	131	118	121	119	96	106
17	125	110	116	110	105	108	136	121	126	129	97	109
18	134	120	125	115	109	113	130	121	125	131	102	119
19	140	116	126	122	114	118	147	120	129	139	105	117
20	125	115	119	149	120	133	151	124	131	124	103	112
21	127	114	122	144	131	137	149	126	138	117	98	109
22	126	115	122	140	127	134	143	121	130	103	98	100
23	127	116	122	138	116	126	151	127	136	107	98	101
24	140	119	128	116	111	113	139	124	131	108	101	104
25	143	127	138	119	110	113	138	126	133	117	102	109
26	140	128	136	120	114	116	153	130	135	114	109	111
27	143	129	138	121	115	118	138	125	131	114	108	111
28	142	126	132	123	118	121	---	---	---	116	108	111
29	144	123	135	126	119	121	---	---	---	109	102	105
30	127	123	126	124	118	121	---	---	---	110	104	106
31	136	126	132	---	---	---	---	---	---	114	106	109
MONTH	144	103	122	157	105	126	161	117	129	139	84	108

PEE DEE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

PEE DEE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.1	5.3	5.8	7.2	6.4	6.9	---	---	---	---	---	---
2	6.3	5.5	5.9	7.4	6.9	7.2	---	---	---	---	---	---
3	6.0	5.1	5.6	7.3	6.5	7.0	10.7	10.3	10.6	---	---	---
4	5.8	5.1	5.5	7.6	6.6	7.3	10.4	9.8	10.1	---	---	---
5	6.0	5.1	5.5	8.0	7.2	7.7	9.9	9.5	9.7	---	---	---
6	5.8	5.1	5.3	8.1	7.7	7.9	9.7	9.2	9.4	---	---	---
7	5.8	5.0	5.4	8.3	7.6	8.1	9.2	8.7	8.9	---	---	---
8	5.9	5.2	5.5	8.4	7.7	8.1	8.8	8.5	8.7	---	---	---
9	6.1	5.6	5.8	9.6	8.4	8.8	8.5	8.3	8.4	8.7	8.5	8.6
10	6.1	5.7	5.8	---	---	---	8.3	7.9	8.1	8.6	8.3	8.5
11	5.9	5.5	5.7	---	---	---	8.1	7.7	7.9	8.6	8.3	8.4
12	6.0	5.4	5.6	---	---	---	8.1	7.7	7.9	8.8	8.5	8.7
13	6.0	5.5	5.7	---	---	---	7.9	7.6	7.8	9.0	8.8	8.9
14	6.2	5.5	5.7	---	---	---	7.8	7.4	7.5	9.1	8.8	9.0
15	6.2	5.7	5.9	---	---	---	7.6	7.3	7.4	8.8	8.6	8.7
16	6.1	5.5	5.8	---	---	---	7.7	7.3	7.5	9.1	8.6	8.8
17	5.8	5.4	5.6	---	---	---	7.9	7.5	7.7	9.7	9.1	9.4
18	6.3	5.5	5.8	---	---	---	8.0	7.8	7.9	10.1	9.7	9.9
19	6.5	6.0	6.1	---	---	---	8.2	8.0	8.1	10.3	10.1	10.2
20	6.5	5.9	6.2	---	---	---	8.6	8.2	8.4	10.5	10.2	10.4
21	6.4	5.9	6.1	---	---	---	8.9	8.5	8.8	10.6	10.4	10.5
22	6.2	5.7	6.0	---	---	---	8.9	8.8	8.8	10.7	10.5	10.6
23	6.3	5.7	6.0	---	---	---	8.8	8.7	8.8	10.7	10.5	10.6
24	6.3	5.8	6.1	---	---	---	8.7	8.4	8.5	10.5	10.3	10.4
25	6.5	5.8	6.1	---	---	---	8.6	8.1	8.4	10.6	10.3	10.4
26	6.5	5.8	6.2	---	---	---	8.2	7.9	8.1	10.7	10.5	10.6
27	6.7	5.8	6.3	---	---	---	8.2	7.9	8.0	10.7	10.5	10.6
28	6.7	5.8	6.4	---	---	---	---	---	---	10.5	10.3	10.4
29	6.7	5.8	6.4	---	---	---	---	---	---	10.3	10.1	10.2
30	6.7	5.8	6.4	---	---	---	---	---	---	10.2	10.0	10.1
31	6.7	6.0	6.5	---	---	---	---	---	---	10.2	10.0	10.1
MONTH	6.7	5.0	5.9	9.6	6.4	7.7	10.7	7.3	8.5	10.7	8.3	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.1	9.9	10.0	8.3	8.0	8.1	8.3	7.7	7.9	5.9	5.8	5.8
2	10.0	9.8	9.9	8.0	7.5	7.7	7.9	7.6	7.7	6.0	5.8	5.9
3	10.2	10.0	10.0	7.5	7.3	7.4	7.8	7.5	7.7	5.9	5.7	5.8
4	10.1	9.9	10.0	7.3	7.0	7.1	8.0	7.7	7.9	5.8	5.4	5.5
5	10.0	9.8	9.8	7.0	6.7	6.8	---	---	---	5.4	5.3	5.4
6	9.9	9.8	9.8	6.7	6.4	6.5	---	---	---	5.4	5.3	5.3
7	10.0	9.8	9.9	6.4	6.3	6.3	---	---	---	5.7	5.4	5.5
8	10.2	10.0	10.1	6.5	6.3	6.4	---	---	---	5.7	5.6	5.7
9	10.3	10.1	10.2	6.6	6.3	6.4	---	---	---	6.0	5.7	5.9
10	10.5	10.3	10.4	6.7	6.5	6.6	7.9	7.3	7.6	6.1	6.0	6.0
11	10.6	10.4	10.5	7.1	6.6	6.8	7.8	7.1	7.4	6.4	6.1	6.2
12	10.6	10.4	10.5	7.3	6.9	7.1	7.5	6.7	7.0	6.5	6.2	6.4
13	10.5	10.3	10.5	7.3	7.0	7.1	7.3	6.6	6.9	6.3	6.0	6.1
14	10.5	10.2	10.4	7.6	7.1	7.3	7.1	6.3	6.7	6.0	5.7	5.9
15	10.5	10.0	10.3	8.0	7.5	7.7	6.7	6.2	6.5	5.8	5.4	5.6
16	10.2	9.6	9.9	8.3	7.8	8.0	6.8	6.3	6.5	5.6	5.1	5.4
17	9.9	9.4	9.7	8.6	8.2	8.4	6.7	6.2	6.4	5.3	4.7	5.0
18	9.8	9.2	9.5	8.7	8.3	8.4	6.6	6.2	6.3	5.0	4.5	4.7
19	9.6	9.0	9.3	8.3	8.0	8.1	6.4	6.1	6.2	5.2	4.6	4.9
20	9.5	9.0	9.2	8.1	7.8	7.9	6.5	6.0	6.2	5.4	4.7	5.0
21	9.7	9.1	9.4	8.1	7.9	8.0	6.6	6.0	6.2	5.6	4.7	5.2
22	9.8	9.3	9.5	8.2	8.0	8.1	6.5	5.9	6.1	6.1	5.2	5.6
23	9.7	9.3	9.5	8.2	7.9	8.1	6.0	5.7	5.8	6.4	5.6	6.0
24	9.5	8.9	9.2	8.3	8.0	8.1	6.9	5.7	6.2	6.4	5.6	6.0
25	9.2	8.6	8.9	8.0	7.8	7.9	7.2	6.3	6.7	6.3	5.3	5.6
26	8.7	7.8	8.2	8.2	7.9	8.1	6.7	6.3	6.4	6.0	5.0	5.6
27	7.9	7.5	7.7	8.5	8.1	8.3	6.4	6.1	6.2	5.7	5.0	5.4
28	8.2	7.6	7.8	8.6	8.3	8.4	6.2	5.8	6.0	5.7	5.0	5.5
29	8.3	8.0	8.1	8.6	8.3	8.4	5.9	5.7	5.8	6.1	5.4	5.8
30	---	---	---	8.5	8.3	8.4	5.9	5.7	5.8	6.5	5.9	6.2
31	---	---	---	8.5	8.1	8.3	---	---	---	6.3	5.6	6.0
MONTH	10.6	7.5	9.6	8.7	6.3	7.6	8.3	5.7	6.6	6.5	4.5	5.6

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC

(Hydrologic bench-mark station and radiochemical program station)

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.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 164.53 ft above National Geodetic Vertical Datum of 1929.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN VALUES MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	46	61	208	80	251	90	56	26	72	14	30
2	46	46	62	176	78	174	82	52	25	74	15	26
3	66	46	66	164	76	135	78	48	23	51	22	24
4	82	48	74	164	74	114	76	41	37	38	20	29
5	84	50	79	160	73	100	73	35	83	37	18	51
6	82	50	80	150	75	93	69	32	93	32	17	77
7	85	51	79	140	77	112	66	54	84	26	17	93
8	101	51	78	125	75	128	65	120	91	22	16	162
9	89	56	76	106	72	136	64	156	109	20	16	215
10	77	85	73	89	69	150	63	199	152	18	15	158
11	65	114	71	82	68	151	61	194	123	17	14	110
12	56	130	65	78	68	133	60	142	111	16	14	69
13	50	140	62	79	71	114	59	100	122	16	25	44
14	45	134	62	86	73	96	60	84	116	15	131	34
15	43	116	66	102	74	85	60	87	119	14	255	30
16	52	92	63	113	79	81	59	79	119	14	373	27
17	58	77	58	106	82	78	58	68	93	14	372	26
18	55	67	56	96	87	76	52	51	81	21	402	24
19	52	62	56	101	97	79	47	51	69	52	331	24
20	49	59	56	103	98	83	47	58	62	32	292	24
21	47	59	55	103	92	86	95	48	46	20	288	28
22	46	59	55	98	85	90	192	38	34	18	228	28
23	46	60	57	101	99	106	336	33	29	18	173	26
24	47	61	64	105	135	116	356	33	25	19	129	26
25	48	60	70	103	158	113	268	28	23	19	86	28
26	48	58	72	101	271	120	173	23	21	18	56	30
27	49	60	78	102	375	125	121	22	24	17	44	31
28	48	62	83	100	410	124	85	22	48	15	64	32
29	47	61	119	92	348	121	69	22	66	15	51	32
30	47	59	170	84	---	116	60	26	67	15	37	29
31	47	---	204	82	---	106	---	27	---	14	33	---
TOTAL	1810	2119	2370	3499	3519	3592	3044	2029	2121	789	3568	1567
MEAN	58.4	70.6	76.5	113	121	116	101	65.5	70.7	25.5	115	52.2
MAX	101	140	204	208	410	251	356	199	152	74	402	215
MIN	43	46	55	78	68	76	47	22	21	14	14	24
CFSM	.61	.74	.80	1.18	1.26	1.21	1.06	.68	.74	.27	1.20	.54
IN.	.70	.82	.92	1.36	1.36	1.39	1.18	.79	.82	.31	1.38	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1992, BY WATER YEAR (WY)

MEAN	83.0	92.9	118	150	156	168	132	75.5	68.1	57.7	76.1	61.6
MAX	563	176	230	225	271	309	255	159	209	182	262	270
(WY)	1991	1986	1984	1987	1973	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

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1968 - 1992

ANNUAL TOTAL	44702	30027	103
ANNUAL MEAN	122	82.0	170
HIGHEST ANNUAL MEAN			57.4
LOWEST ANNUAL MEAN			1991
HIGHEST DAILY MEAN	1000	Aug 14	4150
LOWEST DAILY MEAN	22	Jul 2	3.5
ANNUAL SEVEN-DAY MINIMUM	27	Jun 28	3.9
INSTANTANEOUS PEAK FLOW			4500
INSTANTANEOUS PEAK STAGE			11.80
ANNUAL RUNOFF (CFSM)	1.28		1.08
ANNUAL RUNOFF (INCHES)	17.32		14.63
10 PERCENT EXCEEDS	231	150	205
50 PERCENT EXCEEDS	84	67	79
90 PERCENT EXCEEDS	41	22	19

PEE DEE RIVER BASIN
02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1971 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3)	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
NOV 20...	1135	59	765	13.0	85	140	1	3.9	8.0	76	5	5.7
JAN 23...	0800	100	750	6.5	240	120	1	3.6	9.7	80	4	5.5
MAR 23...	1430	110	755	12.5	210	140	1	3.0	11.0	104	4	6.0
MAY 26...	1300	23	755	20.0	81	140	4	3.7	6.2	69	5	6.0
JUL 23...	0930	18	765	22.5	130	310	4	3.3	5.6	64	5	5.5
SEP 21...	1300	29	760	23.0	870	1000	5	5.8	6.1	71	5	6.0
DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 20...	25	2.3	0.83	0.64	0.70	2.7	51	0.5	4.6	<0.10	0.40	8.7
JAN 23...	25	2.4	0.72	0.55	0.60	2.9	57	0.6	4.2	0.20	1.3	4.4
MAR 23...	24	2.7	0.74	0.54	0.50	2.4	53	0.5	4.1	<0.10	1.2	1.3
MAY 26...	27	2.6	0.91	0.61	0.60	4.1	62	0.8	3.8	<0.10	0.80	6.5
JUL 23...	30	2.7	0.86	0.65	0.50	4.0	61	0.8	3.8	<0.10	1.5	7.1
SEP 21...	30	3.3	0.98	0.72	0.80	3.7	56	0.7	4.3	<0.10	1.2	8.5
DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)
NOV 20...	22	20	0.03	3.50	0.130	<0.010	0.010	0.130	0.140	0.020	0.03	0.030
JAN 23...	31	16	0.04	8.37	--	<0.010	<0.010	<0.050	0.052	0.030	0.04	0.020
MAR 23...	25	11	0.03	7.43	--	<0.010	<0.010	<0.050	<0.050	0.020	0.03	0.020
MAY 26...	30	22	0.04	1.86	--	<0.010	<0.010	0.450	0.450	0.090	0.12	0.080
JUL 23...	30	24	0.04	1.46	--	<0.010	<0.010	0.690	0.710	0.060	0.08	0.070
SEP 21...	33	25	0.05	2.58	--	<0.010	<0.010	0.340	0.340	0.020	0.03	0.020

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)
NOV 20...	0.17	0.20	<0.010	<0.010	<0.010	<0.010	110	14	<3	250	9	1.4
JAN 23...	0.28	0.30	<0.010	<0.010	0.020	0.020	130	39	<3	300	2	0.54
MAR 23...	0.18	0.20	<0.010	<0.010	<0.010	<0.010	--	--	--	--	5	1.5
MAY 26...	0.32	0.40	<0.010	<0.010	0.030	0.030	120	35	<3	720	10	0.62
JUL 23...	0.23	0.30	<0.010	0.010	<0.010	<0.010	--	--	--	--	7	0.34
SEP 21...	0.48	0.50	<0.010	0.010	<0.010	0.020	90	40	<3	680	9	0.70
DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	
NOV 20...	<4	39	62	<10	<1	<1	<1.0	7	--	<6	--	
JAN 23...	<4	27	100	<10	<1	<1	<1.0	6	0.02	<6	<0.6	
MAR 23...	--	--	100	--	--	--	--	--	--	--	--	
MAY 26...	<4	29	88	<10	2	<1	<1.0	8	--	<6	--	
JUL 23...	--	--	100	--	--	--	--	--	0.02	--	0.7	
SEP 21...	<4	35	100	<10	<1	<1	<1.0	9	--	<6	--	
DATE	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO4)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4)	NITRO- GEN, TOTAL (MG/L AS NO3)	
NOV 20...	--	--	--	--	--	--	0.34	--	4	0.04	1.5	
JAN 23...	<0.6	0.7	0.7	<0.6	<0.6	0.04	0.35	--	3	0.03	1.6	
MAR 23...	--	--	--	--	--	--	--	--	3	0.03	--	
MAY 26...	--	--	--	--	--	--	0.85	--	2	0.10	3.8	
JUL 23...	0.7	0.8	0.8	<0.6	<0.6	0.08	1.0	0.03	2	0.09	4.5	
SEP 21...	--	--	--	--	--	--	0.84	0.03	1	0.03	3.7	

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN
02135500 BLACK RIVER NEAR GABLE, SC

LOCATION.--Lat 33°54'00'', long 80°09'55'', Sumter County, Hydrologic Unit 03040205, near left bank on downstream side of McBride Crossing on U.S. Highway 378, 1.0 mi downstream from Church Branch, 6.3 mi northwest of Gable, and at mile 123.1.

DRAINAGE AREA.--401 mi².

PERIOD OF RECORD.--June 1951 to June 1966, April 1972 to September 1992 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 95 ft above National Geodetic Vertical Datum of 1929, (from topographic map). Crest-stage station Oct. 1970 to Sept. 1971 at same site and elevation. Prior to Dec. 9, 1955, wire-weight gage at same site and elevation.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	59	116	263	349	930	332	249	47	421	4.7	170
2	101	60	118	269	329	939	318	200	39	357	4.8	135
3	125	60	127	345	313	908	297	166	33	269	9.0	117
4	115	62	147	419	298	827	274	136	43	274	7.0	117
5	148	62	147	463	283	699	248	113	48	236	5.1	148
6	183	63	147	479	272	583	227	98	58	182	4.7	172
7	163	64	147	478	251	635	213	152	101	136	5.0	242
8	147	64	143	435	251	662	206	276	207	105	5.0	526
9	134	95	142	393	241	633	199	352	370	79	4.5	425
10	123	173	139	367	230	605	188	369	423	53	4.2	334
11	113	194	135	333	225	548	179	393	422	37	3.9	302
12	106	202	135	296	219	495	171	390	443	26	3.6	252
13	99	205	137	313	215	456	165	392	454	19	7.2	208
14	92	209	140	375	210	412	157	391	475	13	4.8	171
15	91	202	138	381	209	374	148	346	461	24	281	143
16	97	192	134	371	214	345	138	286	479	50	703	121
17	91	192	130	350	228	323	128	237	438	30	929	104
18	88	188	127	325	262	303	118	200	376	15	1080	94
19	83	180	122	362	270	307	109	164	373	14	1230	83
20	81	170	117	389	270	319	107	137	398	25	1320	70
21	77	165	117	417	267	370	162	117	431	28	1590	58
22	73	157	117	444	261	376	288	100	454	25	2570	50
23	70	152	119	525	345	381	366	85	474	17	2500	44
24	68	146	161	550	480	370	372	72	410	17	1810	46
25	66	137	167	538	593	365	370	60	331	19	1380	43
26	66	131	180	533	700	393	362	56	244	20	1070	38
27	66	125	182	498	784	391	374	49	243	14	802	37
28	65	119	182	453	852	379	402	42	396	8.8	554	34
29	63	117	236	408	893	367	385	41	389	7.7	407	32
30	61	116	263	384	---	354	320	45	383	6.4	308	29
31	60	---	267	369	---	343	---	46	---	5.7	220	---
TOTAL	3018	4061	4679	12525	10324	15392	7323	5760	9443	2533.6	18870.7	4345
MEAN	97.4	135	151	404	356	497	244	186	315	81.7	609	145
MAX	183	209	267	550	893	939	402	393	479	421	2570	526
MIN	60	59	116	263	209	303	107	41	33	5.7	3.6	29
CFSM	.24	.34	.38	1.01	.89	1.24	.61	.46	.78	.20	1.52	.36
IN.	.28	.38	.43	1.16	.96	1.43	.68	.53	.88	.24	1.75	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

MEAN	257	220	353	548	688	716	533	259	258	220	260	225
MAX	1673	1072	881	1193	2142	1530	1367	746	1293	757	1391	1091
(WY)	1991	1986	1977	1964	1973	1983	1958	1975	1973	1975	1991	1979
MIN	4.15	10.9	101	150	203	180	87.1	26.6	28.5	1.41	.003	.000
(WY)	1955	1955	1955	1981	1981	1981	1985	1985	1988	1986	1954	1954

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1951 - 1992

ANNUAL TOTAL	186069	98274.3	
ANNUAL MEAN	510	269	
HIGHEST ANNUAL MEAN			381
LOWEST ANNUAL MEAN			696
HIGHEST DAILY MEAN	3300	2570	154
LOWEST DAILY MEAN	41	3.6	7590
ANNUAL SEVEN-DAY MINIMUM	52	4.4	.00
INSTANTANEOUS PEAK FLOW		2840	.00
INSTANTANEOUS PEAK STAGE		4.87	12500
INSTANTANEOUS LOW FLOW		3.3	6.92
ANNUAL RUNOFF (CFSM)	1.27	.67	.00
ANNUAL RUNOFF (INCHES)	17.26	9.12	.95
10 PERCENT EXCEEDS	1320	484	12.91
50 PERCENT EXCEEDS	245	192	867
90 PERCENT EXCEEDS	74	36	241
			25

* No flow many days in 1954, 1956, and 1957.

PEE DEE RIVER BASIN

02136000 BLACK RIVER AT KINGSTREE, SC
(National stream-quality accounting network station)

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on left bank, at downstream 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.

WATER-DISCHARGE RECORDS

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 National Geodetic Vertical Datum of 1929.
Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, May 11, 12, 15, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	284	215	369	482	1730	2570	1400	877	238	689	66	2100
2	287	208	354	511	1670	2520	1360	836	216	658	63	1880
3	306	203	344	575	1580	2420	1310	799	197	672	67	1650
4	320	199	356	650	1490	2300	1240	778	195	758	88	1420
5	340	196	364	705	1390	2190	1170	754	215	896	80	1230
6	357	193	365	746	1300	2100	1100	714	206	1010	86	1110
7	371	192	358	776	1210	2040	1030	663	187	1040	84	1020
8	393	189	346	800	1140	1980	972	672	170	985	81	973
9	413	206	337	840	1070	1920	907	651	157	882	84	1020
10	425	258	331	891	995	1870	840	623	163	779	85	1090
11	429	296	325	934	927	1800	781	604	163	697	77	1070
12	424	335	318	953	866	1740	736	590	175	593	69	987
13	411	358	314	968	815	1690	692	601	218	475	74	891
14	397	368	313	1020	780	1650	649	636	312	367	86	808
15	380	376	310	1040	748	1610	610	668	442	285	109	755
16	368	385	308	1060	721	1550	573	690	583	225	218	704
17	358	392	305	1070	704	1480	535	698	748	195	506	647
18	355	395	302	1070	723	1410	498	696	810	191	857	591
19	355	395	299	1110	750	1360	462	694	829	177	1120	565
20	352	393	296	1170	776	1320	433	687	843	157	1300	560
21	343	397	293	1200	793	1270	443	665	876	162	1500	562
22	333	411	290	1210	807	1240	701	621	1010	206	1710	528
23	321	430	289	1270	979	1220	934	557	1100	287	1910	497
24	308	444	294	1370	1390	1200	1020	481	1080	353	2120	466
25	296	451	291	1490	1840	1190	926	404	987	331	2300	425
26	283	448	294	1590	2050	1260	835	348	872	226	2380	373
27	269	436	314	1620	2210	1310	814	321	802	153	2430	322
28	257	419	348	1660	2390	1350	851	317	795	115	2500	282
29	244	401	385	1710	2520	1390	887	297	791	95	2520	268
30	233	384	418	1740	---	1390	894	273	732	82	2470	249
31	223	---	450	1760	---	1400	---	262	---	73	2310	---
TOTAL	10435	9973	10280	33991	36364	51740	25603	18477	16112	13814	29350	25043
MEAN	337	332	332	1096	1254	1669	853	596	537	446	947	835
MAX	429	451	450	1760	2520	2570	1400	877	1100	1040	2520	2100
MIN	223	189	289	482	704	1190	433	262	157	73	63	249
CFSM	.27	.27	.26	.88	1.00	1.33	.68	.48	.43	.36	.76	.67
IN.	.31	.30	.31	1.01	1.08	1.54	.76	.55	.48	.41	.87	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1992, BY WATER YEAR (WY)

MEAN	499	449	852	1327	1874	2117	1566	583	553	506	566	617
MAX	7708	3250	4809	3608	8404	6938	5905	2144	7852	3318	3148	7258
(WY)	1965	1948	1949	1946	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

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1930 - 1992	
ANNUAL TOTAL	527935		281182			
ANNUAL MEAN	1446		768		954	
HIGHEST ANNUAL MEAN					2438	
LOWEST ANNUAL MEAN					183	
HIGHEST DAILY MEAN	5890	Aug 8	2570	Mar 1	52800	Jun 14 1973
LOWEST DAILY MEAN	189	Nov 8	63	Aug 2	2.0	Sep 12 1954
ANNUAL SEVEN-DAY MINIMUM	197	Nov 3	74	Jul 30	2.6	Sep 8 1954
INSTANTANEOUS PEAK FLOW			2580	Mar 1	58000	Jun 14 1973
INSTANTANEOUS PEAK STAGE			10.66	Mar 1	19.77	Jun 14 1973
INSTANTANEOUS LOW FLOW			62	* Aug 2	2.0	** Sep 12 1954
ANNUAL RUNOFF (CFSM)	1.16		.61		.76	
ANNUAL RUNOFF (INCHES)	15.69		8.35		10.35	
10 PERCENT EXCEEDS	3090		1650		2350	
50 PERCENT EXCEEDS	1110		641		461	
90 PERCENT EXCEEDS	304		197		50	

* Also occurred on Aug. 3.

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

PEE DEE RIVER BASIN
02136000 BLACK RIVER AT KINGSTREE, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1963 to September 1966, 1972 to July 1973, 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOC CI, FECAL, KF AGAR (COLS. PER 100 ML)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)
NOV 21...	1130	397	765	16.0	K30	130	19	22	7.5	76	18
JAN 23...	1300	1290	750	8.0	73	240	10	12	9.5	81	16
MAR 24...	1100	1200	769	12.0	K15	K28	14	15	7.8	72	16
MAY 27...	1015	320	757	22.0	K20	K46	23	22	5.5	63	15
JUL 23...	0715	270	765	26.0	110	270	25	25	5.2	64	18
SEP 22...	0930	532	760	24.5	58	92	19	22	4.7	57	18

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 21...	6.9	106	2.2	4.3	1.7	3.2	14	58	1	13	<0.10
JAN 23...	6.6	91	1.9	4.1	1.5	2.6	10	52	1	11	0.20
MAR 24...	6.7	78	1.6	3.9	1.4	1.9	8.7	51	1	9.6	<0.10
MAY 27...	6.6	91	2.3	3.7	1.4	1.3	13	63	1	9.1	<0.10
JUL 23...	7.0	105	2.5	4.6	1.5	2.4	13	58	1	9.9	<0.10
SEP 22...	6.8	90	1.7	4.6	1.6	2.6	11	53	1	11	0.10

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
NOV 21...	6.9	5.2	79	58	0.11	84.7	<0.010	0.010	<0.050	<0.050
JAN 23...	11	3.0	58	49	0.08	202	<0.010	<0.010	<0.050	<0.050
MAR 24...	5.2	1.4	71	39	0.10	230	<0.010	<0.010	<0.050	<0.050
MAY 27...	5.1	3.8	79	51	0.11	68.3	<0.010	<0.010	0.180	0.180
JUL 23...	6.3	7.1	75	58	0.10	54.7	<0.010	<0.010	0.180	0.180
SEP 22...	3.0	10	92	55	0.13	132	<0.010	<0.010	0.062	0.089

FEE DEE RIVER BASIN

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH ₄)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO ₄)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)
NOV 21...	0.020	0.03	0.030	0.47	0.50	0.15	0.050	0.040	0.080	0.090
JAN 23...	0.040	0.05	0.050	0.35	0.40	0.06	0.020	0.020	0.050	0.050
MAR 24...	0.030	0.04	0.030	0.37	0.40	0.09	0.030	0.040	0.050	0.070
MAY 27...	0.060	0.08	0.070	0.63	0.70	0.40	0.130	0.150	0.170	0.170
JUL 23...	0.040	0.05	0.050	0.65	0.70	0.46	0.150	0.170	0.190	0.210
SEP 22...	0.050	0.06	0.040	0.96	1.0	0.34	0.110	0.130	0.140	0.200

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)
NOV 21...	100	31	<3	380	8	8.6	<4	13	75	<10
JAN 23...	130	31	<3	230	1	3.5	<4	8	100	<10
MAR 24...	--	--	--	--	2	6.5	--	--	100	--
MAY 27...	110	32	<3	630	3	2.6	<4	30	100	<10
JUL 23...	--	--	--	--	4	2.9	--	--	96	--
SEP 22...	<10	30	<3	580	1	1.4	<4	39	100	<10

DATE	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO ₄)	HARD- NESS NONCARB DISSOLV FLD. AS CaCO ₃ (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH ₄)	NITRO- GEN, TOTAL (MG/L AS NO ₃)
NOV 21...	<1	<1	<1.0	23	<6	--	0.12	2	0.04	--
JAN 23...	<1	<1	<1.0	21	<6	--	0.06	8	0.06	--
MAR 24...	--	--	--	--	--	--	0.12	4	0.04	--
MAY 27...	2	<1	<1.0	23	<6	0.88	0.46	0	0.09	3.9
JUL 23...	--	--	--	--	--	0.88	0.52	0	0.06	3.9
SEP 22...	1	<1	<1.0	28	<6	1.1	0.40	3	0.05	4.8

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

SANTEE RIVER BASIN
02145642 CROWDERS CREEK NEAR CLOVER, SC

LOCATION.--Lat 35°08'14'', long 81°08'09'', York County, Hydrologic Unit 03050103, on downstream side of bridge on Brandon Rd (County Rd 1104), and 8.5 mi northeast of Clover.

DRAINAGE AREA.--89.0 mi².

PERIOD OF RECORD.--March 1991 to September 1992 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 600 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Oct. 3, 4, Dec. 28 to Jan. 2, 17 - 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN VALUES MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	29	44	38	47	86	77	70	65	107	32	33
2	26	30	37	36	45	78	71	67	62	65	31	32
3	28	30	49	65	45	73	68	64	59	60	31	31
4	27	29	65	95	45	69	67	61	199	54	31	36
5	27	28	38	58	45	66	63	60	361	49	30	49
6	33	28	35	47	45	319	61	73	106	48	29	86
7	28	29	35	43	44	531	62	240	78	49	31	42
8	27	29	33	41	43	198	66	563	70	47	45	36
9	27	29	35	41	42	119	64	220	388	43	50	36
10	27	67	37	40	41	128	62	131	192	45	34	35
11	28	45	34	38	43	146	63	102	202	42	32	59
12	26	34	33	38	43	100	63	91	187	39	38	38
13	25	33	34	39	43	89	78	85	128	39	88	33
14	25	32	35	44	43	82	63	81	402	38	131	31
15	26	32	33	39	71	77	67	74	225	37	49	31
16	28	32	32	38	135	71	93	69	181	37	42	31
17	29	32	32	38	64	70	67	68	113	37	51	30
18	27	30	32	37	71	68	61	64	98	38	60	30
19	27	32	31	36	68	217	59	64	90	40	42	30
20	26	32	31	35	60	153	76	65	81	36	40	29
21	26	32	32	34	54	113	708	62	74	35	43	30
22	27	39	32	39	52	95	545	60	72	147	39	34
23	28	39	34	247	215	132	168	58	68	84	36	32
24	28	34	38	143	303	99	115	56	66	53	36	32
25	28	32	33	74	565	90	98	53	62	46	36	35
26	28	32	31	60	1350	504	84	56	68	48	35	31
27	29	32	35	55	255	179	79	73	62	48	35	60
28	29	32	50	57	135	113	77	60	54	40	49	79
29	28	34	175	52	103	95	75	90	52	38	40	60
30	28	34	60	50	---	89	71	133	138	36	32	41
31	28	---	45	49	---	86	---	80	---	36	31	---
TOTAL	849	1002	1300	1746	4115	4335	3371	3093	4003	1561	1329	1192
MEAN	27.4	33.4	41.9	56.3	142	140	112	99.8	133	50.4	42.9	39.7
MAX	33	67	175	247	1350	531	708	563	402	147	131	86
MIN	25	28	31	34	41	66	59	53	52	35	29	29
CFSM	.31	.38	.47	.63	1.59	1.57	1.26	1.12	1.50	.57	.48	.45
IN.	.35	.42	.54	.73	1.72	1.81	1.41	1.29	1.67	.65	.56	.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
MEAN	27.4	33.4	41.9	56.3	142	140	125	105	93.5	44.2	52.7	35.0
MAX	27.4	33.4	41.9	56.3	142	140	138	110	133	50.4	62.6	39.7
(WY)	1992	1992	1992	1992	1992	1992	1991	1991	1992	1992	1991	1992
MIN	27.4	33.4	41.9	56.3	142	140	112	99.8	53.6	38.0	42.9	30.2
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1991	1991	1992	1991

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	27896											
ANNUAL MEAN	76.2											
HIGHEST ANNUAL MEAN												
LOWEST ANNUAL MEAN												
HIGHEST DAILY MEAN	1350	Feb 26										
LOWEST DAILY MEAN	25	Oct 1										
ANNUAL SEVEN-DAY MINIMUM	26	Oct 9										
INSTANTANEOUS PEAK FLOW	2020	Feb 26										
INSTANTANEOUS PEAK STAGE	8.15	Feb 26										
INSTANTANEOUS LOW FLOW	25	* Oct 1										
ANNUAL RUNOFF (CFSM)	.86											
ANNUAL RUNOFF (INCHES)	11.66											
10 PERCENT EXCEEDS	132											
50 PERCENT EXCEEDS	46											
90 PERCENT EXCEEDS	29											

* Also occurred on Oct. 13, 14, 15, 20, 21, 1991.

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 National Geodetic Vertical Datum of 1929. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--Estimated daily discharges, June 7, 8. Records fair. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1090	1710	825	2850	6390	7110	4560	8040	4010	4090	737	899
2	3770	2310	2880	3840	6300	8450	5850	3550	6300	7600	830	907
3	5700	895	1950	4030	3450	7890	3660	1430	8950	6400	872	890
4	5310	1470	5680	4200	2840	9270	2160	3000	5760	4840	880	1040
5	1980	864	4900	6720	4770	6220	1030	6580	8310	4020	976	1030
6	716	1930	6290	8210	3290	4130	1760	5160	7920	2360	747	2250
7	838	1100	7220	7620	2740	3180	894	6150	5850	6320	725	2480
8	658	745	2770	4340	1900	2750	821	8960	7260	3250	1020	2800
9	1360	1800	4490	6150	2160	6650	1230	6540	8670	3680	710	4380
10	764	969	4730	7570	3340	6330	3360	4380	9830	3200	2850	4020
11	774	1330	4580	8650	3330	7300	929	4670	8760	3620	1280	6060
12	624	1700	4750	4010	1670	7560	672	4990	8970	1800	997	2050
13	887	1700	2370	3860	4320	7660	736	5720	10200	977	1690	972
14	1070	756	942	4240	5290	6590	1270	6090	10200	2600	2820	792
15	666	807	2140	6760	4150	3180	1210	6330	10200	1070	867	772
16	811	778	898	7270	3090	7370	1380	5440	16500	848	1710	1910
17	887	712	2320	7410	4110	4220	809	4520	10900	744	2260	4480
18	3630	2140	1210	3170	4310	5730	1010	3330	10900	972	3370	2020
19	857	1500	3170	2910	4070	4370	1030	5420	10500	691	3040	1570
20	666	1100	4640	6070	2560	4560	1800	4070	10500	888	3830	1360
21	672	1390	2510	3700	2520	3790	1800	5030	10700	742	3040	2770
22	629	1350	2610	4550	1780	2280	3270	4420	10700	2430	1780	4620
23	684	2090	866	4780	1990	3610	4800	3820	10600	757	1280	5560
24	750	1020	1420	3540	5960	4070	9880	929	10100	776	5890	1280
25	637	4610	1000	3860	6900	4330	8040	791	10500	2700	7910	1140
26	686	5300	962	3550	1670	3870	6500	3410	5870	2510	6760	1040
27	1150	5140	3060	5760	2770	6480	6620	4820	947	3370	4930	2960
28	1030	742	4020	6630	7180	5240	7350	3890	1120	3080	3400	4100
29	1460	762	3730	6390	8480	2540	9470	5540	1820	3650	990	3540
30	836	702	2870	6840	---	3770	8120	1100	5100	3740	830	5580
31	986	---	3810	6250	---	2430	---	1710	---	3280	922	---
TOTAL	42578	49422	95613	165730	113330	162930	102021	139830	247947	87005	69943	75272
MEAN	1373	1647	3084	5346	3908	5256	3401	4511	8265	2807	2256	2509
MAX	5700	5300	7220	8650	8480	9270	9880	8960	16500	7600	7910	6060
MIN	624	702	825	2850	1670	2280	672	791	947	691	710	772
CFSM	.45	.54	1.01	1.75	1.28	1.72	1.11	1.48	2.71	.92	.74	.82
IN.	.52	.60	1.17	2.02	1.38	1.99	1.24	1.71	3.02	1.06	.85	.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1992, BY WATER YEAR (WY)

	MEAN	3549	3622	4208	5211	5849	6224	5643	4443	4052	3404	3500	3189
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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1896 - 1992

ANNUAL TOTAL	1588218	1351621	
ANNUAL MEAN	4351	3693	
HIGHEST ANNUAL MEAN			4402
LOWEST ANNUAL MEAN			9635
HIGHEST DAILY MEAN	10800	Mar 4	127000
LOWEST DAILY MEAN	606	Jun 13	227
ANNUAL SEVEN-DAY MINIMUM	675	Oct 20	541
INSTANTANEOUS PEAK FLOW			* 151000
INSTANTANEOUS PEAK STAGE			May 23 1901
ANNUAL RUNOFF (CFSM)	1.43		* 24.15
ANNUAL RUNOFF (INCHES)	19.37		1.44
10 PERCENT EXCEEDS	8530		8620
50 PERCENT EXCEEDS	3910		3600
90 PERCENT EXCEEDS	887		907

* Site and datum then in use.

SANTEE RIVER BASIN

021467801 STEELE CREEK NEAR FORT MILL, SC

LOCATION.--Lat 35°02'42'', long 80°56'28'', York County, Hydrologic Unit 03050103, on downstream side of bridge on U.S. Highway 21 By-pass, 2.0 mi north of Fort Mill, 4.1 mi from mouth of Sugar Creek.

DRAINAGE AREA.-- 22.8 mi².

PERIOD OF RECORD.--May 1991 to September 1992 (discontinued).

GAGE.--Data collection platform. Datum of gage is 510 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Nov. 9, 10, Jan. 20, May 7, 8, 30, Aug. 8, 9, 12 - 14, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.3	7.1	16	16	12	24	16	10	9.8	9.8	3.4	6.7
2	5.9	5.9	14	15	12	20	15	9.6	9.2	6.8	3.5	6.4
3	8.1	5.8	22	96	11	18	14	8.9	8.8	6.2	3.5	6.9
4	5.6	5.8	32	143	11	17	13	8.5	238	5.8	3.4	8.0
5	5.6	6.7	11	38	10	16	12	8.1	250	5.4	3.3	207
6	9.2	5.8	9.2	22	9.9	170	11	12	37	5.3	3.2	642
7	6.3	5.8	8.2	18	9.6	455	11	30	22	5.8	3.5	38
8	5.9	6.1	7.9	16	9.3	66	11	130	19	5.0	6.0	21
9	5.2	6.4	7.3	14	9.1	34	11	76	38	4.7	8.0	14
10	5.3	80	8.0	14	9.1	30	9.9	30	29	4.5	4.5	14
11	5.2	16	7.5	13	8.8	35	9.5	20	135	4.2	4.1	20
12	5.2	10	7.5	12	8.6	22	9.1	15	89	4.1	5.5	11
13	5.2	9.0	7.4	12	8.6	18	10	14	35	4.1	30	8.7
14	5.2	7.6	7.7	12	8.6	16	8.7	14	274	4.0	20	7.4
15	5.2	7.0	7.2	12	37	15	15	12	122	3.9	8.9	6.3
16	5.2	6.6	6.9	11	121	13	17	10	590	3.9	6.3	5.5
17	5.8	6.5	6.9	11	28	13	10	9.9	64	4.0	113	5.0
18	5.6	6.5	7.0	10	31	12	9.2	9.3	29	3.9	103	4.8
19	5.2	6.5	6.8	10	30	116	8.3	9.8	21	3.9	16	4.7
20	5.2	6.5	6.7	10	22	43	10	9.1	17	3.8	24	4.6
21	5.3	6.7	6.7	9.9	18	28	219	8.8	17	3.8	20	4.6
22	5.4	7.7	6.7	9.5	17	20	268	8.4	37	12	11	7.2
23	5.6	9.0	6.7	112	56	44	43	7.7	14	8.6	9.2	6.2
24	5.6	6.8	10	57	95	25	25	8.0	11	5.8	8.4	6.3
25	11	6.2	8.2	22	254	20	19	7.9	9.5	4.3	7.8	6.6
26	7.0	6.2	7.1	17	761	282	15	8.8	12	4.5	7.3	5.5
27	5.8	7.0	9.7	16	126	69	14	12	9.0	6.8	7.6	14
28	5.7	6.7	71	18	51	32	13	9.0	7.8	3.9	11	96
29	7.3	6.4	236	15	32	23	12	14	7.0	3.6	8.7	23
30	5.6	11	32	14	---	20	11	22	7.0	3.6	6.8	11
31	5.8	---	20	13	---	18	---	12	---	3.4	6.5	---
TOTAL	185.5	291.3	621.3	808.4	1816.6	1734	869.7	564.8	2168.1	159.4	477.4	1222.4
MEAN	5.98	9.71	20.0	26.1	62.6	55.9	29.0	18.2	72.3	5.14	15.4	40.7
MAX	11	80	236	143	761	455	268	130	590	12	113	642
MIN	5.2	5.8	6.7	9.5	8.6	12	8.3	7.7	7.0	3.4	3.2	4.6
CFSM	.26	.43	.88	1.14	2.75	2.45	1.27	.80	3.17	.23	.68	1.79
IN.	.30	.48	1.01	1.32	2.96	2.83	1.42	.92	3.54	.26	.78	1.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
MEAN	5.98	9.71	20.0	26.1	62.6	55.9	29.0	18.2	40.3	8.25	43.6	24.8
MAX	5.98	9.71	20.0	26.1	62.6	55.9	29.0	18.2	72.3	11.4	71.9	40.7
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991	1991	1992
MIN	5.98	9.71	20.0	26.1	62.6	55.9	29.0	18.2	8.24	5.14	15.4	8.77
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1991	1992	1992	1991

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	10918.9											
ANNUAL MEAN	29.8											
HIGHEST ANNUAL MEAN										29.8		
LOWEST ANNUAL MEAN										29.8		1992
HIGHEST DAILY MEAN	761	Feb 26								814	Aug 9	1991
LOWEST DAILY MEAN	3.2	Aug 6								3.2	Aug 6	1992
ANNUAL SEVEN-DAY MINIMUM	3.4	Jul 31								3.4	Jul 31	1992
INSTANTANEOUS PEAK FLOW	1750	Sep 6								1750	Sep 6	1992
INSTANTANEOUS PEAK STAGE	13.36	Sep 6								13.36	Sep 6	1992
INSTANTANEOUS LOW FLOW	3.2	* Aug 5								3.2	Aug 5	1992
ANNUAL RUNOFF (CFSM)	1.31									1.31		
ANNUAL RUNOFF (INCHES)	17.82									17.78		
10 PERCENT EXCEEDS	52									43		
50 PERCENT EXCEEDS	9.8									9.1		
90 PERCENT EXCEEDS	5.2									4.7		

* Also occurred on Aug. 6.

SANTEE RIVER BASIN

02147000 CATAWBA RIVER NEAR CATAWBA, SC

LOCATION.--Lat 34°51'09'', long 80°52'06'', York County, Hydrologic Unit 03050103, on right bank, 60 ft downstream from Seaboard Coast Line Railroad bridge, 200 ft downstream from Twelvemile Creek, 2.5 mi east of Catawba, and at mile 122.8.

DRAINAGE AREA.--3,530 mi², approximately.

PERIOD OF RECORD.--October 1967 to January 1992 (discontinued). Annual peak stages from June 1906 to December 1948 and gage-height records since May 1958 are available in district office.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 446.18 ft above National Geodetic Vertical Datum of 1929 (levels by Bowaters Carolina Corporation). June 1906 to Dec. 21, 1948, nonrecording gage at site 2.1 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, Dec. 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1510	1420	1050	2700	---	---	---	---	---	---	---	---
2	2500	2510	1900	4100	---	---	---	---	---	---	---	---
3	7050	1320	3050	4170	---	---	---	---	---	---	---	---
4	4560	1550	5640	9420	---	---	---	---	---	---	---	---
5	3940	684	6280	7180	---	---	---	---	---	---	---	---
6	1080	2160	5160	9060	---	---	---	---	---	---	---	---
7	983	1130	8110	8510	---	---	---	---	---	---	---	---
8	781	863	4000	5380	---	---	---	---	---	---	---	---
9	1070	1380	4260	6440	---	---	---	---	---	---	---	---
10	1130	2410	4630	7480	---	---	---	---	---	---	---	---
11	837	1680	4340	9160	---	---	---	---	---	---	---	---
12	826	2230	5830	5700	---	---	---	---	---	---	---	---
13	893	1790	2830	3920	---	---	---	---	---	---	---	---
14	1090	1060	1370	3980	---	---	---	---	---	---	---	---
15	861	995	1800	6970	---	---	---	---	---	---	---	---
16	878	815	1490	6980	---	---	---	---	---	---	---	---
17	928	873	2260	8290	---	---	---	---	---	---	---	---
18	2980	1130	1250	5320	---	---	---	---	---	---	---	---
19	1660	2510	2850	2440	---	---	---	---	---	---	---	---
20	754	1130	9930	5440	---	---	---	---	---	---	---	---
21	742	1150	3690	4790	---	---	---	---	---	---	---	---
22	748	1840	3900	4150	---	---	---	---	---	---	---	---
23	722	2100	2660	5860	---	---	---	---	---	---	---	---
24	832	1210	4020	5230	---	---	---	---	---	---	---	---
25	797	3000	4140	4770	---	---	---	---	---	---	---	---
26	753	5930	9540	4110	---	---	---	---	---	---	---	---
27	1160	6040	7090	4880	---	---	---	---	---	---	---	---
28	846	1560	9110	7240	---	---	---	---	---	---	---	---
29	1440	828	5800	6960	---	---	---	---	---	---	---	---
30	1040	868	3570	7510	---	---	---	---	---	---	---	---
31	876	---	3840	6500	---	---	---	---	---	---	---	---
TOTAL	46267	54166	135390	184640	---	---	---	---	---	---	---	---
MEAN	1492	1806	4367	5956	---	---	---	---	---	---	---	---
MAX	7050	6040	9930	9420	---	---	---	---	---	---	---	---
MIN	722	684	1050	2440	---	---	---	---	---	---	---	---
CFSM	.42	.51	1.24	1.69	---	---	---	---	---	---	---	---
IN.	.49	.57	1.43	1.95	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1992, BY WATER YEAR (WY)

	MEAN	4230	4360	5282	6866	6791	7137	6239	5426	4841	3813	3641	3350
MAX	12580	13550	10650	10330	11400	16510	13580	11070	10490	6596	5985	6720	6720
(WY)	1990	1978	1984	1991	1990	1975	1983	1975	1975	1975	1975	1970	1979
MIN	1378	1390	2115	2948	1665	2171	1516	1112	1346	1121	1495	1465	1465
(WY)	1988	1982	1989	1989	1977	1988	1985	1986	1988	1986	1988	1988	1986

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

WATER YEARS 1968 - 1992

ANNUAL TOTAL	1989470		
ANNUAL MEAN	5451	5183	
HIGHEST ANNUAL MEAN		7667	1975
LOWEST ANNUAL MEAN		2654	1988
HIGHEST DAILY MEAN	28000	66800	Oct 2 1989
LOWEST DAILY MEAN	684	480	Apr 26 1986
ANNUAL SEVEN-DAY MINIMUM	764	751	May 6 1986
INSTANTANEOUS PEAK FLOW		73600	Oct 9 1976
INSTANTANEOUS PEAK STAGE		23.81	Oct 9 1976
ANNUAL RUNOFF (CFSM)	1.54	1.47	
ANNUAL RUNOFF (INCHES)	20.97	19.95	
10 PERCENT EXCEEDS	10600	10200	
50 PERCENT EXCEEDS	4980	4370	
90 PERCENT EXCEEDS	1130	1060	

SANTÉE RIVER BASIN

99

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 September 1992.

GAGE.--Data collection platform. Elevation of gage is 445 ft above National Geodetic Vertical Datum of 1929 (from topographic map). June 1906 to Dec. 21, 1948, nonrecording gage at site 0.6 mi downstream at different datum. October 1967 to January 1992, recording gage at site 1.5 mi upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, Apr. 3, 4, June 9, which are fair. 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	6610	8760	4610	8890	3540	4330	1890	1100
2	---	---	---	---	6980	8430	5890	5480	5840	7960	1110	1040
3	---	---	---	---	4530	8580	5350	2190	9110	6680	1210	1040
4	---	---	---	---	3260	10100	2590	1700	7640	6040	1090	1140
5	---	---	---	---	4850	8080	1270	7200	13800	4260	1140	1380
6	---	---	---	---	3730	4680	1810	5380	10500	3250	946	3860
7	---	---	---	---	3220	10000	1510	7120	8760	7200	973	2870
8	---	---	---	---	2610	5960	1190	13000	9330	2390	904	2580
9	---	---	---	---	1800	6650	1150	10700	9110	4710	1380	4460
10	---	---	---	---	3720	7150	2750	5330	11200	3630	1940	3590
11	---	---	---	---	3180	8120	2450	5770	11900	2880	2430	7390
12	---	---	---	---	2570	8800	1020	5050	15800	3730	1340	3240
13	---	---	---	---	3320	7550	1140	5900	11200	1250	1590	1290
14	---	---	---	---	5990	7800	1050	6630	12300	1380	4180	1050
15	---	---	---	---	4730	4760	1870	6740	12200	2740	1690	963
16	---	---	---	---	5940	6710	1640	6310	21900	1020	1720	883
17	---	---	---	---	3830	5680	1090	5410	15000	1010	1910	3760
18	---	---	---	---	5160	6600	1310	3900	12300	1200	4740	4240
19	---	---	---	---	5160	5190	1140	5180	11800	949	3880	1020
20	---	---	---	---	3240	6010	1720	5070	11300	978	3670	2030
21	---	---	---	---	2980	4740	4180	4700	11600	1000	5340	1530
22	---	---	---	---	2490	3890	13200	5300	12000	1580	1650	4690
23	---	---	---	---	2000	3430	8680	4490	11600	2440	1690	6620
24	---	---	---	---	7490	5210	10600	2430	10800	1020	4210	2090
25	---	---	---	4950	9400	5810	9760	878	11400	1940	8650	1530
26	---	---	---	4210	11800	6030	8420	1620	8800	2890	6960	1180
27	---	---	---	4970	10500	8120	6200	6430	2010	3000	6210	1860
28	---	---	---	7350	7640	6820	7840	3640	1350	3330	5230	5220
29	---	---	---	7100	9410	3820	10000	5340	1270	3870	1560	3960
30	---	---	---	7610	---	4280	8700	4060	4770	3940	1070	5390
31	---	---	---	6600	---	2800	---	1610	---	4120	1010	---
TOTAL	---	---	---	42790	148140	200560	129930	163448	300130	96717	83313	82996
MEAN	---	---	---	6113	5108	6470	4331	5273	10000	3120	2688	2767
MAX	---	---	---	7610	11800	10100	13200	13000	21900	7960	8650	7390
MIN	---	---	---	4210	1800	2800	1020	878	1270	949	904	883

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

MEAN	---	---	---	---	5108	6470	4331	5273	10000	3120	2688	2767
MAX	---	---	---	---	5108	6470	4331	5273	10000	3120	2688	2767
(WY)	---	---	---	---	1992	1992	1992	1992	1992	1992	1992	1992
MIN	---	---	---	---	5108	6470	4331	5273	10000	3120	2688	2767
(WY)	---	---	---	---	1992	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS

FOR 1992 WATER YEAR

HIGHEST DAILY MEAN	21900	Jun 16
LOWEST DAILY MEAN	878	May 25
ANNUAL SEVEN-DAY MINIMUM	1050	Aug 2
INSTANTANEOUS PEAK FLOW	31700	Jun 16
INSTANTANEOUS PEAK STAGE	16.49	Jun 16
10 PERCENT EXCEEDS	10100	
50 PERCENT EXCEEDS	4300	
90 PERCENT EXCEEDS	1140	

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 National Geodetic Vertical Datum of 1929, (by barometer).

REMARKS.--Records good except for estimated daily discharges, Oct. 1 - 10, Mar. 13 - 19, 22, Mar. 30 to Apr. 6, Apr. 26 to May 4, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	26	32	80	65	159	110	70	44	42	16	27
2	35	27	37	68	60	130	100	65	39	53	16	25
3	45	27	44	185	57	113	90	60	37	51	56	27
4	40	29	110	322	57	100	85	60	59	47	29	35
5	35	31	62	142	55	91	80	58	288	40	20	34
6	35	33	45	100	54	465	80	61	141	36	17	32
7	30	34	41	80	52	2770	76	101	80	34	15	32
8	30	27	38	70	51	617	78	334	61	33	16	31
9	25	30	37	64	49	329	74	266	118	33	19	30
10	25	82	37	64	47	224	71	177	422	29	15	25
11	26	68	35	60	47	203	69	122	345	24	14	26
12	26	42	34	56	49	158	68	107	223	24	14	23
13	25	36	35	55	49	125	85	85	239	22	63	21
14	24	33	36	68	49	115	68	66	1350	20	196	20
15	24	32	37	62	60	100	67	62	901	18	76	19
16	25	32	35	54	253	95	64	58	538	18	46	18
17	25	32	34	49	155	92	62	54	223	18	317	17
18	25	30	34	48	119	90	60	51	153	18	697	17
19	25	30	33	49	124	95	57	47	153	18	220	18
20	24	30	30	48	154	149	64	43	128	18	233	19
21	23	30	34	48	108	177	713	40	105	18	481	21
22	24	31	34	47	89	100	2050	38	96	23	143	20
23	24	34	34	135	134	329	506	36	75	55	83	18
24	24	33	40	385	359	287	280	35	64	30	61	23
25	24	30	42	155	773	182	183	35	57	22	49	40
26	24	29	37	107	2120	876	130	34	51	19	42	27
27	24	28	40	87	756	597	110	39	48	17	38	26
28	26	29	61	82	345	282	95	37	46	15	57	43
29	24	29	523	79	221	198	80	40	44	14	39	29
30	24	30	201	73	---	150	75	57	42	14	32	22
31	25	---	108	69	---	130	---	51	---	14	29	---
TOTAL	850	1014	1980	2991	6511	9528	5730	2389	6170	837	3149	765
MEAN	27.4	33.8	63.9	96.5	225	307	191	77.1	206	27.0	102	25.5
MAX	45	82	523	385	2120	2770	2050	334	1350	55	697	43
MIN	23	26	30	47	47	90	57	34	37	14	14	17
CFSM	.14	.17	.33	.50	1.16	1.58	.98	.40	1.06	.14	.52	.13
IN.	.16	.19	.38	.57	1.25	1.83	1.10	.46	1.18	.16	.60	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

	MEAN	152	102	160	323	362	416	264	118	99.0	97.1	122	104
MAX	1099	647	544	839	912	1160	791	347	614	679	1387	952	
(WY)	1965	1958	1973	1978	1960	1980	1973	1971	1973	1959	1967	1987	
MIN	2.11	10.8	30.7	49.1	91.0	49.6	60.0	34.0	17.6	13.0	4.46	.86	
(WY)	1955	1955	1956	1956	1968	1955	1967	1988	1955	1953	1957	1954	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1951 - 1992

ANNUAL TOTAL	87495	41914	194
ANNUAL MEAN	240	115	315
HIGHEST ANNUAL MEAN			84.8
LOWEST ANNUAL MEAN			1973
HIGHEST DAILY MEAN	7540	2770	21100
LOWEST DAILY MEAN	17	14	Aug 24 1967
ANNUAL SEVEN-DAY MINIMUM	22	15	Jul 29 1954
INSTANTANEOUS PEAK FLOW		3580	Jul 27 1954
INSTANTANEOUS PEAK STAGE		6.39	Mar 7 1967
INSTANTANEOUS LOW FLOW		12	Jul 31 1967
ANNUAL RUNOFF (CFSM)	1.24	.59	.04 ** Oct 6 1954
ANNUAL RUNOFF (INCHES)	16.78	8.04	1.00
10 PERCENT EXCEEDS	531	223	13.60
50 PERCENT EXCEEDS	89	48	357
90 PERCENT EXCEEDS	27	22	67
			18

* Also occurred on Aug. 11, 12.

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

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.

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.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 119.36 ft above National Geodetic Vertical Datum of 1929. 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.

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.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2650	1070	1660	3790	7150	14300	4860	9660	511	5220	1670	1490
2	2410	940	1790	5020	6660	10700	5200	5940	4700	8030	1530	1480
3	5510	788	2830	7660	5960	9850	4990	3990	6660	6490	1470	1540
4	5450	809	8150	9100	4310	9400	3670	3420	11000	5660	1500	1650
5	2950	1100	5580	8780	4890	9020	3060	5560	10300	3780	1480	1720
6	1370	1150	5400	8050	4340	10100	2880	7650	10800	4610	1770	1700
7	1430	1520	6370	8460	2930	11900	2820	8130	11000	3650	1700	1620
8	1340	1890	5080	6930	2550	12200	2830	10600	8870	4810	1580	3000
9	1210	1970	5490	5780	3270	12400	2890	11500	8720	5470	1630	4100
10	1610	2400	4140	6560	4530	12100	2270	10600	11000	3170	1640	4030
11	1590	1930	4870	8690	3040	12200	894	8370	13400	3160	1650	6160
12	1570	3210	4780	8660	3050	9720	1290	5490	13600	2200	1330	4660
13	1560	2360	4350	4860	3510	6750	1990	6660	12800	2710	1490	1410
14	1700	2270	3520	5520	4860	7200	2020	6750	13200	1810	4870	1230
15	1510	1180	2450	5390	6380	6770	2020	6410	13700	1020	4070	1480
16	1540	1110	1840	6080	5650	7290	2010	7150	13800	1330	1750	1480
17	1610	903	2010	7490	5270	6020	1990	5770	14600	1480	3550	1540
18	1560	2230	2420	7420	5970	8360	1980	3800	14600	1490	8990	2340
19	1560	2130	3170	4390	6360	6370	1970	5470	13600	1490	6720	2960
20	1540	1470	4100	5070	4070	6260	1980	4690	13200	1500	4880	2140
21	1560	1310	3480	5500	3860	5250	7240	5020	12900	1450	6710	1770
22	1560	2510	2610	4440	2710	3630	13800	4210	12700	1430	6290	3970
23	1560	2120	1930	6220	2740	4160	13900	3240	12700	1450	3840	6080
24	1590	2820	2330	9350	8390	6060	14200	2790	12600	1490	3460	4060
25	1590	3740	1940	4310	10500	9550	13600	1880	12200	1440	6410	2270
26	1590	5330	1760	4240	14900	9630	14600	2750	12500	1450	5930	1130
27	1490	4310	2720	5230	15600	12200	14900	4730	12500	3090	7490	2390
28	1570	1850	6250	7890	15700	10100	11400	3760	10000	3800	5590	4900
29	1550	2200	9090	8300	15000	9410	8810	7860	1870	3630	1260	3930
30	1560	1780	8900	6760	---	5690	7770	7130	1580	3630	1470	4750
31	1550	---	6150	6630	---	4070	---	1160	---	4200	1580	---
TOTAL	58840	60400	127160	202570	184150	268660	173834	182140	321611	96140	105300	82980
MEAN	1898	2013	4102	6535	6350	8666	5794	5875	10720	3101	3397	2766
MAX	5510	5330	9090	9350	15700							

MEAN	4940	4962	5795	8490	8940	9550	8360	5685	4868	4330	4535	4250
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

ANNUAL TOTAL	2517307			1863785				
ANNUAL MEAN	6897			5092			6212	
HIGHEST ANNUAL MEAN							9864	1960
LOWEST ANNUAL MEAN							3241	1988
HIGHEST DAILY MEAN	34800	Mar	5	15700	Feb	28	149000	Oct 3 1929
LOWEST DAILY MEAN	788	Nov	3	511	Jun	1	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	1050	Nov	1	1050	Nov	1	279	Jul 1 1959
INSTANTANEOUS PEAK FLOW				16000	Feb	28	* 366000	Aug 26 1908
INSTANTANEOUS PEAK STAGE				15.00	Feb	28	* 39.70	Aug 26 1908
ANNUAL RUNOFF (INCHES)	18.47			13.68			16.65	
10 PERCENT EXCEEDS	13500			11100			13000	
50 PERCENT EXCEEDS	5760			4080			5000	
90 PERCENT EXCEEDS	1560			1480			1030	

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

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to September 1992.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1991 to September 1992.

pH: November 1991 to September 1992.

WATER TEMPERATURE: March 1988 to September 1988, November 1991 to September 1992.

DISSOLVED OXYGEN: November 1991 to September 1992.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 216 microsiemens, Jan. 10, 1992; minimum, 97 microsiemens, June 28, 1992.

pH: Maximum, 8.4 units, Apr. 12, 1992; minimum, 6.3 units, Dec. 20, 1991, Jan. 9, 1992.

WATER TEMPERATURE: Maximum, 30.5°C, July 18, Aug. 16, 19, 1988; minimum, 6.0°C, Jan. 26, 27, 30, 1992.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Dec. 25, 1991, Jan. 25, 1992; minimum, 2.4 mg/L, July 12, 14, 27, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 216 microsiemens, Jan. 10; minimum, 97 microsiemens, June 28.

pH: Maximum, 8.4 units, Apr. 12; minimum, 6.3 units, Dec. 20, Jan. 9.

WATER TEMPERATURE: Maximum recorded, 26.5°C, July 9; minimum, 6.0°C, Jan. 26, 27, 30.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Dec. 25, Jan. 25; minimum, 2.4 mg/L, July 12, 14, 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	182	176	179	204	193	199
2	---	---	---	---	---	---	181	175	178	205	193	201
3	---	---	---	---	---	---	182	166	173	210	188	205
4	---	---	---	---	---	---	182	168	173	206	188	199
5	---	---	---	---	---	---	---	---	---	207	191	203
6	---	---	---	---	---	---	---	---	---	209	178	204
7	---	---	---	---	---	---	169	158	166	211	191	207
8	---	---	---	---	---	---	171	158	167	210	191	206
9	---	---	---	---	---	---	174	164	171	209	179	203
10	---	---	---	---	---	---	175	162	170	216	198	207
11	---	---	---	---	---	---	176	167	173	213	206	211
12	---	---	---	---	---	---	180	168	176	209	188	204
13	---	---	---	---	---	---	184	176	181	201	191	197
14	---	---	---	---	---	---	187	179	184	196	176	189
15	---	---	---	---	---	---	187	181	185	195	164	189
16	---	---	---	---	---	---	190	177	186	194	181	190
17	---	---	---	---	---	---	191	178	186	192	174	188
18	---	---	---	---	---	---	193	170	186	188	167	183
19	---	---	---	---	---	---	194	180	189	184	172	180
20	---	---	---	---	---	---	193	179	189	---	---	---
21	---	---	---	---	---	---	195	186	191	184	168	178
22	---	---	---	---	---	---	197	186	194	184	169	180
23	---	---	---	---	---	---	201	189	197	182	168	177
24	---	---	---	---	---	---	200	188	197	179	154	172
25	---	---	---	---	---	---	197	186	193	179	150	168
26	---	---	---	---	---	---	200	190	196	179	168	176
27	---	---	---	---	---	---	204	193	198	180	165	177
28	---	---	---	179	171	176	203	185	198	180	172	178
29	---	---	---	182	174	178	198	180	188	180	170	177
30	---	---	---	181	173	178	200	183	193	180	161	174
31	---	---	---	---	---	---	203	166	193	190	168	180
MONTH	---	---	---	182	171	177	204	158	184	216	150	190

SANTEE RIVER BASIN
02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued
pH (STANDARD UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	7.8	7.0	7.4	7.0	7.5	7.3	7.1	7.0
2	---	---	---	---	7.3	7.0	7.4	7.1	7.5	7.3	7.1	7.0
3	---	---	---	---	7.7	7.0	7.3	7.3	7.6	6.8	7.1	7.0
4	---	---	---	---	7.3	7.0	7.3	7.1	7.5	7.2	7.0	7.0
5	---	---	---	---	---	---	7.4	7.2	7.4	7.3	7.0	7.0
6	---	---	---	---	---	---	7.3	7.2	7.5	7.3	7.0	6.9
7	---	---	---	---	---	---	7.3	6.7	7.7	7.3	6.9	6.8
8	---	---	---	---	---	---	7.3	6.3	8.0	7.3	6.9	6.9
9	---	---	---	---	---	---	7.3	7.2	7.7	6.6	6.9	6.9
10	---	---	---	---	---	---	---	---	7.5	7.0	6.9	6.9
11	---	---	---	---	---	---	---	---	7.6	7.3	7.0	6.9
12	---	---	---	---	---	---	---	---	7.5	7.3	7.0	7.0
13	---	---	---	---	7.3	7.1	---	---	7.4	7.3	7.0	6.9
14	---	---	---	---	7.4	7.2	---	---	7.4	7.3	7.0	7.0
15	---	---	---	---	7.7	7.2	---	---	7.3	7.3	7.0	6.9
16	---	---	---	---	7.9	7.1	7.5	7.4	7.4	7.3	7.1	7.0
17	---	---	---	---	7.9	6.4	7.6	7.3	7.4	7.2	7.0	6.9
18	---	---	---	---	7.6	7.2	7.6	6.9	7.3	7.3	7.0	6.9
19	---	---	---	---	7.3	6.6	7.7	7.5	7.5	7.2	7.1	6.9
20	---	---	---	---	7.4	6.3	---	---	7.5	7.2	7.0	6.9
21	---	---	---	---	7.6	6.5	7.5	6.8	7.5	7.2	7.0	6.9
22	---	---	---	---	7.7	7.2	7.6	7.4	7.7	7.2	7.1	6.9
23	---	---	---	---	7.7	7.3	7.5	7.4	7.5	7.1	7.2	6.9
24	---	---	---	---	7.6	7.3	7.5	7.4	7.2	7.1	7.0	6.9
25	---	---	---	---	7.6	7.1	7.8	6.6	7.2	7.1	7.0	6.9
26	---	---	---	---	7.5	6.9	7.7	7.5	7.2	7.0	7.0	6.9
27	---	---	---	---	7.5	7.3	7.5	7.4	7.2	7.1	7.0	6.9
28	---	---	7.6	7.0	7.4	7.2	7.5	7.4	7.2	7.1	7.1	6.9
29	---	---	7.3	6.9	7.3	7.2	7.5	7.4	7.2	7.1	7.1	7.0
30	---	---	7.6	6.9	7.3	7.0	7.5	7.3	---	---	7.1	6.9
31	---	---	---	---	7.3	6.9	7.5	7.3	---	---	7.3	7.0
MONTH	---	---	7.6	6.9	7.9	6.3	7.8	6.3	8.0	6.6	7.3	6.8
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.0	6.9	6.8	6.7	6.4	7.3	7.1	7.5	7.2	---	---
2	7.2	7.0	6.9	6.7	7.4	6.6	7.3	7.1	7.7	7.2	---	---
3	7.2	7.0	6.9	6.8	7.3	7.0	7.3	7.1	7.6	7.3	---	---
4	7.4	7.0	7.0	6.8	7.3	7.2	7.3	7.1	7.6	7.3	---	---
5	7.6	7.1	6.9	6.8	7.4	7.3	7.3	7.0	7.6	7.3	---	---
6	7.5	7.0	6.9	6.8	7.5	7.3	7.3	7.1	7.6	7.3	---	---
7	7.2	7.1	6.9	6.8	7.4	7.2	7.3	6.9	7.6	7.4	---	---
8	7.7	7.1	6.9	6.6	7.4	7.2	7.3	7.1	7.7	7.4	---	---
9	7.6	7.0	6.8	6.7	7.5	7.3	7.3	7.1	7.7	7.4	---	---
10	7.6	7.0	6.9	6.8	---	---	7.4	7.1	7.7	7.4	---	---
11	8.2	7.0	7.0	6.9	---	---	7.5	7.2	7.7	7.4	---	---
12	8.4	7.0	7.1	6.9	7.5	7.4	7.5	7.2	7.9	7.4	---	---
13	8.3	7.0	7.1	6.9	7.4	7.3	7.6	7.3	7.9	7.6	---	---
14	8.1	7.0	---	---	7.4	7.3	7.4	7.2	---	---	---	---
15	7.9	6.9	---	---	7.4	7.3	7.7	7.2	---	---	---	---
16	7.7	6.8	---	---	7.4	7.4	7.6	7.2	---	---	---	---
17	7.6	6.8	---	---	7.4	7.3	7.7	7.2	---	---	---	---
18	7.7	6.7	---	---	7.4	7.3	7.7	7.2	---	---	---	---
19	7.5	6.7	---	---	7.4	7.2	7.7	7.2	---	---	---	---
20	7.0	6.6	---	---	7.4	7.3	7.9	7.2	---	---	---	---
21	6.8	6.6	---	---	7.3	7.2	7.9	7.2	---	---	---	---
22	7.4	6.7	---	---	7.3	7.1	7.7	7.2	---	---	---	---
23	7.5	7.2	7.8	7.2	7.2	7.0	7.6	7.3	---	---	---	---
24	7.5	7.3	7.5	7.1	7.1	7.0	7.7	7.3	---	---	---	---
25	7.6	7.3	7.4	7.1	7.2	7.1	7.6	7.3	---	---	---	---
26	7.6	7.3	7.5	7.0	7.2	7.0	7.7	7.3	---	---	---	---
27	7.3	7.2	7.2	7.0	7.2	7.0	7.5	7.2	---	---	---	---
28	7.2	7.0	7.3	6.9	7.2	7.1	7.3	7.1	---	---	---	---
29	7.1	6.9	7.0	6.9	7.3	7.2	7.3	7.1	---	---	---	---
30	6.9	6.8	7.1	6.9	7.4	7.1	7.3	7.1	---	---	---	---
31	---	---	7.0	6.6	---	---	7.3	7.2	---	---	---	---
MONTH	8.4	6.6	7.8	6.6	7.5	6.4	7.9	6.9	7.9	7.2	---	---
YEAR	8.4	6.3										

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	14.0	12.5	13.0	10.0	8.0	9.5
2	---	---	---	---	---	---	14.5	12.5	13.5	10.0	9.0	9.5
3	---	---	---	---	---	---	15.0	12.0	13.5	10.0	8.5	9.5
4	---	---	---	---	---	---	13.5	11.5	12.5	10.0	8.5	9.5
5	---	---	---	---	---	---	---	---	---	10.0	8.5	9.5
6	---	---	---	---	---	---	---	---	---	10.0	8.0	9.0
7	---	---	---	---	---	---	---	---	---	10.0	8.5	9.0
8	---	---	---	---	---	---	---	---	---	9.5	8.0	9.0
9	---	---	---	---	---	---	---	---	---	9.5	8.5	9.5
10	---	---	---	---	---	---	---	---	---	10.0	9.0	9.5
11	---	---	---	---	---	---	---	---	---	9.5	8.5	9.0
12	---	---	---	---	---	---	---	---	---	9.5	7.5	9.0
13	---	---	---	---	---	---	12.5	11.0	11.5	9.5	8.5	9.0
14	---	---	---	---	---	---	13.0	10.5	12.0	10.0	8.5	9.5
15	---	---	---	---	---	---	12.5	11.0	11.5	10.0	7.5	9.0
16	---	---	---	---	---	---	11.5	8.5	11.0	8.5	6.5	7.5
17	---	---	---	---	---	---	12.0	9.5	10.5	8.0	6.0	7.0
18	---	---	---	---	---	---	12.0	9.5	10.5	8.0	7.0	7.5
19	---	---	---	---	---	---	11.0	9.5	10.5	8.0	7.0	7.5
20	---	---	---	---	---	---	11.0	9.5	10.5	---	---	---
21	---	---	---	---	---	---	11.0	9.5	10.0	8.5	7.0	7.5
22	---	---	---	---	---	---	11.5	9.5	10.5	9.0	6.5	8.0
23	---	---	---	---	---	---	11.5	10.0	10.5	9.0	7.5	8.5
24	---	---	---	---	---	---	11.5	10.0	10.5	9.0	8.0	8.5
25	---	---	---	---	---	---	11.0	9.5	10.0	9.0	7.5	8.5
26	---	---	---	---	---	---	10.5	8.5	9.5	8.5	6.0	8.0
27	---	---	---	---	---	---	11.0	9.5	10.5	8.5	6.0	8.0
28	---	---	---	13.0	10.0	11.0	10.5	9.5	10.0	9.0	7.5	8.5
29	---	---	---	12.5	11.0	12.0	10.5	9.0	10.0	9.0	7.5	8.0
30	---	---	---	13.5	11.5	12.5	10.5	8.5	10.0	9.5	6.0	8.0
31	---	---	---	---	---	---	10.0	8.5	9.5	9.0	7.5	8.5
MONTH	---	---	---	13.5	10.0	11.8	15.0	8.5	10.9	10.0	6.0	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	7.5	8.5	12.0	11.0	11.5	12.5	11.5	12.0	17.5	16.5	17.0
2	9.0	7.5	8.0	13.0	11.0	11.5	13.0	11.5	12.0	19.5	16.5	17.5
3	9.0	7.5	8.5	12.5	11.5	12.0	13.0	11.0	12.0	19.5	16.5	18.0
4	9.5	7.5	8.5	13.5	12.0	13.0	13.0	11.0	12.0	21.0	16.5	18.0
5	8.5	8.0	8.5	12.5	12.5	12.5	13.5	11.0	12.0	18.5	16.5	17.5
6	8.5	8.0	8.5	12.5	12.5	12.5	13.5	11.0	12.0	17.0	16.5	17.0
7	9.5	7.5	8.5	13.5	12.5	13.0	12.5	11.5	12.0	17.0	15.0	16.0
8	9.5	8.0	8.5	14.0	13.0	13.5	14.5	11.5	12.5	16.0	15.0	15.5
9	9.5	7.5	8.5	14.0	13.5	13.5	14.5	12.0	13.0	16.5	15.0	16.0
10	9.0	7.0	8.0	13.5	13.0	13.5	15.5	11.5	13.5	17.0	15.5	16.5
11	9.5	7.5	8.5	14.0	13.0	13.5	15.0	14.5	15.0	18.0	16.0	16.5
12	9.0	7.5	8.5	14.0	13.0	13.5	16.0	13.0	14.5	18.5	16.0	17.0
13	8.5	7.0	7.5	13.5	12.5	13.0	15.0	12.5	14.0	---	---	---
14	8.5	6.5	7.5	13.5	12.5	13.0	15.0	11.5	13.0	---	---	---
15	8.5	7.5	8.0	13.5	12.5	13.0	15.0	11.5	13.0	---	---	---
16	10.0	8.5	9.0	13.0	12.0	12.5	15.5	12.0	13.5	---	---	---
17	9.5	8.0	9.0	12.5	11.0	12.0	16.0	12.5	14.0	---	---	---
18	9.5	9.0	9.0	12.0	11.5	12.0	16.0	12.5	14.0	---	---	---
19	10.5	9.0	9.5	13.5	12.0	12.5	15.5	12.5	13.5	---	---	---
20	10.5	7.5	9.5	12.0	11.5	12.0	---	---	---	---	---	---
21	10.5	8.5	9.5	12.5	11.0	12.0	---	---	---	---	---	---
22	11.0	8.0	9.5	13.0	11.0	12.0	---	---	---	---	---	---
23	11.0	9.0	10.0	13.0	12.0	12.0	---	---	---	---	---	---
24	10.5	9.0	10.0	12.5	11.0	12.0	18.5	17.0	17.5	---	---	---
25	10.5	10.0	10.5	11.5	11.5	11.5	19.0	18.0	18.5	22.0	18.5	20.0
26	12.0	10.0	10.5	12.0	11.0	11.5	19.0	18.5	18.5	21.5	18.5	20.5
27	12.0	10.5	11.0	12.0	11.5	11.5	18.5	18.0	18.5	21.5	20.0	21.0
28	12.0	11.0	11.5	12.5	11.0	11.5	18.0	17.0	17.5	21.5	19.0	20.5
29	12.5	11.0	11.5	12.0	11.5	11.5	18.0	17.0	17.5	20.5	20.0	20.5
30	---	---	---	11.5	11.0	11.5	17.0	16.5	17.0	21.5	20.0	21.0
31	---	---	---	13.5	11.0	12.0	---	---	---	23.0	20.5	21.5
MONTH	12.5	6.5	9.1	14.0	11.0	12.3	19.0	11.0	14.3	23.0	15.0	18.3

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.0	20.0	21.0	24.0	21.5	22.5	---	---	---	---	---	---
2	23.0	19.5	21.5	25.0	22.5	24.0	---	---	---	---	---	---
3	23.0	21.5	22.5	24.5	23.0	23.5	---	---	---	---	---	---
4	23.0	22.5	22.5	25.0	23.0	24.0	---	---	---	---	---	---
5	23.5	22.5	23.0	24.5	22.0	23.0	---	---	---	---	---	---
6	24.0	23.0	23.5	25.5	22.0	24.0	---	---	---	---	---	---
7	24.0	23.0	23.5	25.5	23.0	24.5	---	---	---	---	---	---
8	24.0	23.0	23.0	26.0	23.0	24.0	---	---	---	---	---	---
9	23.5	23.0	23.0	26.5	25.0	25.5	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	24.0	23.5	23.5	---	---	---	---	---	---	---	---	---
13	24.0	23.5	24.0	---	---	---	---	---	---	---	---	---
14	24.0	24.0	24.0	---	---	---	---	---	---	---	---	---
15	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
16	24.0	23.5	24.0	---	---	---	---	---	---	---	---	---
17	24.0	23.0	23.5	---	---	---	---	---	---	---	---	---
18	24.0	23.0	23.5	---	---	---	---	---	---	---	---	---
19	24.0	23.0	23.5	---	---	---	---	---	---	---	---	---
20	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
21	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	24.5	23.0	24.0	---	---	---	---	---	---	---	---	---
24	24.5	23.0	23.5	---	---	---	---	---	---	---	---	---
25	25.0	22.5	24.0	---	---	---	---	---	---	---	---	---
26	23.5	22.0	22.5	---	---	---	---	---	---	---	---	---
27	23.5	22.0	22.5	---	---	---	---	---	---	---	---	---
28	24.0	21.5	22.5	---	---	---	---	---	---	---	---	---
29	25.0	22.0	23.0	---	---	---	---	---	---	---	---	---
30	24.5	21.0	22.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH YEAR	25.0 26.5	19.5 6.0	23.2 14.0	26.5	21.5	23.9	---	---	---	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	11.3	8.6	9.3	10.4	8.7	9.5
2	---	---	---	---	---	---	10.1	8.5	8.8	10.0	8.8	9.3
3	---	---	---	---	---	---	10.7	8.0	9.0	9.5	8.6	9.1
4	---	---	---	---	---	---	9.7	8.1	8.7	9.4	8.6	9.0
5	---	---	---	---	---	---	---	---	---	9.6	8.8	9.2
6	---	---	---	---	---	---	---	---	---	9.8	9.0	9.4
7	---	---	---	---	---	---	9.5	8.3	8.8	9.7	8.9	9.4
8	---	---	---	---	---	---	9.8	8.2	8.9	10.0	8.8	9.4
9	---	---	---	---	---	---	9.5	8.4	8.9	9.8	9.0	9.4
10	---	---	---	---	---	---	9.9	8.0	8.5	11.0	9.1	9.7
11	---	---	---	---	---	---	10.1	8.4	9.1	10.2	9.5	9.9
12	---	---	---	---	---	---	9.6	8.2	8.7	10.1	9.6	9.9
13	---	---	---	---	---	---	9.1	8.2	8.6	10.1	9.6	9.7
14	---	---	---	---	---	---	9.8	8.1	8.6	10.1	9.5	9.7
15	---	---	---	---	---	---	11.0	8.2	9.4	10.4	9.5	9.9
16	---	---	---	---	---	---	11.2	8.4	9.4	10.5	9.6	10.0
17	---	---	---	---	---	---	10.7	8.3	9.3	10.8	9.6	10.1
18	---	---	---	---	---	---	10.2	8.8	9.5	10.7	9.6	10.2
19	---	---	---	---	---	---	11.5	8.4	9.1	11.4	9.9	10.4
20	---	---	---	---	---	---	10.6	8.5	9.2	---	---	---
21	---	---	---	---	---	---	10.8	8.2	9.0	11.0	9.8	10.3
22	---	---	---	---	---	---	10.7	8.5	9.2	11.1	9.8	10.3
23	---	---	---	---	---	---	11.0	8.6	9.2	10.4	9.8	10.1
24	---	---	---	---	---	---	11.4	8.2	9.1	10.7	9.7	10.3
25	---	---	---	---	---	---	11.9	8.4	9.4	11.9	9.8	10.6
26	---	---	---	---	---	---	11.4	8.5	9.5	11.6	10.3	10.7
27	---	---	---	---	---	---	10.1	8.5	9.3	11.1	10.2	10.6
28	---	---	---	11.3	8.7	9.5	9.4	8.3	8.9	10.9	10.2	10.5
29	---	---	---	10.2	8.3	9.2	9.5	8.3	8.9	10.8	10.2	10.5
30	---	---	---	10.8	8.7	9.6	9.7	8.3	8.9	11.3	10.0	10.5
31	---	---	---	---	---	---	9.9	8.3	9.2	10.9	10.1	10.5
MONTH	---	---	---	11.3	8.3	9.4	11.9	8.0	9.0	11.9	8.6	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	9.7	10.2	9.3	8.8	9.0	9.2	8.3	8.7	7.0	5.9	6.4
2	10.7	9.8	10.2	9.3	8.7	9.0	9.4	8.3	8.9	7.7	5.7	6.3
3	10.8	9.8	10.2	9.0	8.6	8.8	9.4	8.4	8.9	7.5	5.6	6.3
4	10.7	9.6	10.1	8.9	8.3	8.7	9.6	8.3	8.9	7.9	5.5	6.3
5	10.2	9.6	9.9	8.3	8.0	8.2	10.1	8.4	9.1	7.0	5.7	6.2
6	11.1	9.7	10.1	8.0	7.6	7.7	10.0	8.3	9.0	6.6	5.7	6.1
7	11.0	9.4	9.9	7.8	7.5	7.7	9.2	8.2	8.7	7.3	5.8	6.4
8	11.8	9.6	10.0	8.2	7.7	7.9	10.4	8.3	9.0	7.3	6.4	6.9
9	11.2	9.5	10.2	8.1	7.7	7.9	10.2	8.2	8.9	7.4	6.0	6.7
10	11.0	9.6	10.1	7.9	7.5	7.7	10.0	8.1	8.9	7.7	6.4	6.9
11	11.0	9.3	10.0	8.4	7.6	8.0	10.4	7.6	9.1	8.3	6.4	7.1
12	11.2	9.4	10.1	8.5	7.9	8.2	10.6	8.0	8.9	8.3	6.5	7.2
13	10.5	9.5	10.1	8.6	8.0	8.3	10.6	7.9	9.0	7.5	6.5	6.9
14	10.5	9.2	9.8	8.5	8.0	8.2	10.9	7.9	9.0	---	---	---
15	9.9	9.5	9.7	8.5	8.0	8.2	11.0	7.7	9.0	---	---	---
16	10.2	9.5	9.8	8.7	8.1	8.4	10.6	7.5	8.7	---	---	---
17	10.4	9.6	9.9	8.6	8.1	8.3	10.8	7.3	8.7	---	---	---
18	10.2	9.5	9.9	8.4	8.0	8.1	10.8	7.3	8.7	---	---	---
19	10.5	9.6	10.0	8.8	8.0	8.3	10.6	7.2	8.6	---	---	---
20	10.9	9.3	10.0	8.4	8.1	8.2	9.7	7.1	8.1	---	---	---
21	10.9	9.6	10.1	8.7	8.2	8.5	8.2	6.8	7.1	---	---	---
22	11.4	9.5	10.1	9.0	8.0	8.3	8.6	6.8	7.8	---	---	---
23	10.5	9.4	9.8	9.3	8.0	8.4	9.3	7.7	8.4	---	---	---
24	10.0	9.4	9.7	8.6	8.1	8.3	8.7	7.7	8.2	---	---	---
25	9.7	9.2	9.5	8.4	8.0	8.2	9.0	7.8	8.4	8.4	4.9	6.4
26	9.6	9.0	9.3	8.7	8.2	8.4	8.8	7.4	8.1	8.4	4.5	6.0
27	9.6	9.1	9.3	8.7	8.2	8.4	8.1	7.1	7.6	7.5	5.2	6.0
28	9.4	8.8	9.2	9.0	8.3	8.5	7.6	6.6	7.1	8.1	4.7	5.8
29	9.4	9.0	9.2	8.9	8.5	8.7	7.7	6.4	6.9	5.9	4.2	4.9
30	---	---	---	8.9	8.4	8.6	6.8	6.0	6.5	6.1	4.4	5.1
31	---	---	---	9.7	8.5	8.8	---	---	---	7.4	4.6	5.6
MONTH	11.8	8.8	9.9	9.7	7.5	8.3	11.0	6.0	8.4	8.4	4.2	6.3

SANTÉE RIVER BASIN

02148060 WATEREE RIVER BELOW CAMDEN, SC

LOCATION.--Lat 34°11'47'', long 80°36'35'', Kershaw County, Hydrologic Unit 03050104, 1.2 mi downstream from Big Pine Tree Creek, and at mile 63.4.

PERIOD OF RECORD.--Water years 1992 to September 1992.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1992 to September 1992.

DISSOLVED OXYGEN: October 1992 to September 1992.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 10, 1992; minimum, 6.5°C, Jan. 20, 1992.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Feb. 1, 2, 4, 1992; minimum, 2.5 mg/L, Aug. 4, Sept. 2, 1992.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 10; minimum, 6.5°C, Jan. 20.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Feb. 1, 2, 4; minimum, 2.5 mg/L, Aug. 4, Sept. 2.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.5	---	---	18.5	17.5	18.0	14.5	14.0	14.0	9.5	8.5	9.0
2	23.5	22.5	23.0	19.5	17.0	18.0	14.5	13.5	14.0	9.5	9.0	9.5
3	24.0	23.0	23.5	18.0	15.0	16.5	15.5	12.5	14.5	9.5	9.5	9.5
4	24.5	22.5	23.5	16.0	14.5	15.0	13.0	12.0	12.5	9.5	9.0	9.5
5	24.0	23.0	23.5	15.5	13.5	14.0	12.5	12.0	12.0	9.5	9.0	9.5
6	24.0	22.0	23.5	16.0	13.5	15.0	12.5	11.0	12.0	9.5	9.0	9.5
7	22.0	19.5	21.0	16.0	13.5	14.5	12.5	11.5	12.0	9.5	8.5	9.0
8	21.5	18.5	20.0	16.0	14.0	15.0	12.5	11.0	12.0	9.5	8.0	9.0
9	22.0	19.0	20.5	15.0	12.5	14.0	13.0	12.0	12.5	9.0	9.0	9.0
10	22.0	20.5	21.5	13.5	13.0	13.5	13.0	12.0	12.5	9.0	8.5	9.0
11	22.5	20.5	21.5	14.5	11.5	13.0	13.0	11.5	12.5	9.0	8.5	8.5
12	22.0	20.0	21.0	15.0	14.0	14.5	12.5	11.0	12.0	9.0	8.5	8.5
13	21.5	19.5	20.5	15.0	12.5	14.0	13.0	12.0	12.5	9.5	8.5	9.0
14	21.5	19.0	20.5	14.5	12.5	13.5	13.0	12.0	12.5	9.5	9.0	9.5
15	21.5	20.0	20.5	14.5	13.0	14.0	13.0	11.5	12.0	9.0	8.0	8.5
16	21.0	18.5	20.0	15.0	13.5	14.0	11.5	10.0	11.0	8.5	7.5	8.0
17	20.0	18.5	19.5	14.5	13.5	14.0	11.5	9.5	10.5	8.5	7.0	8.0
18	20.5	18.0	19.5	14.0	12.5	13.5	11.5	10.0	11.0	8.5	8.0	8.0
19	20.5	18.5	19.5	14.0	13.0	13.5	11.0	8.5	10.0	8.5	7.5	8.0
20	20.5	18.5	19.5	15.0	14.0	14.5	10.5	9.5	10.0	8.5	6.5	7.5
21	19.5	18.5	19.0	15.0	14.5	14.5	10.5	9.5	10.0	8.5	7.5	8.0
22	20.5	18.5	19.5	15.0	13.5	14.5	11.0	10.0	10.5	8.5	7.0	7.5
23	21.0	19.0	20.0	14.0	12.5	13.5	11.5	10.0	11.0	8.5	7.5	8.0
24	21.0	19.0	20.0	14.0	12.5	13.0	11.5	10.5	11.0	8.5	8.0	8.0
25	21.5	19.0	20.0	13.5	11.5	12.5	11.0	9.5	10.0	8.5	7.0	7.5
26	21.0	19.0	20.0	13.0	12.0	12.5	10.5	9.0	9.5	8.5	7.5	8.0
27	21.0	19.0	20.0	13.0	11.5	12.5	11.0	10.0	10.5	8.0	7.5	8.0
28	21.0	19.0	20.0	12.5	10.5	11.5	10.5	10.0	10.0	8.5	8.0	8.0
29	20.5	18.5	19.5	13.0	11.5	12.5	10.0	10.0	10.0	8.5	8.0	8.0
30	19.0	17.5	18.0	14.0	12.5	13.0	10.0	9.5	10.0	8.5	8.0	8.0
31	18.5	17.0	18.0	---	---	---	10.0	9.0	9.5	9.0	7.5	8.0
MONTH	24.5	17.0	20.5	19.5	10.5	14.1	15.5	8.5	11.4	9.5	6.5	8.5

SANTÉE RIVER BASIN

02148060 WATEREE RIVER BELOW CAMDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.5	7.5	8.0	12.5	11.5	12.0	---	---	---	20.0	18.5	19.5
2	9.0	7.5	8.0	13.0	11.5	12.0	---	---	---	---	---	---
3	8.5	7.5	8.0	13.5	12.0	12.5	---	---	---	---	---	---
4	9.0	7.5	8.5	13.5	12.5	13.0	---	---	---	---	---	---
5	9.0	8.0	8.5	13.0	12.5	12.5	---	---	---	---	---	---
6	---	---	---	13.0	12.5	12.5	---	---	---	---	---	---
7	---	---	---	13.5	12.5	13.0	---	---	---	19.5	17.5	18.5
8	---	---	---	14.5	13.0	14.0	---	---	---	18.0	17.5	18.0
9	---	---	---	14.5	14.0	14.0	---	---	---	19.0	18.0	18.5
10	---	---	---	14.0	13.5	14.0	---	---	---	19.5	18.0	18.5
11	---	---	---	14.5	13.0	13.5	---	---	---	---	---	---
12	---	---	---	14.5	13.5	14.0	---	---	---	---	---	---
13	---	---	---	14.0	13.0	13.5	---	---	---	19.0	18.0	18.5
14	---	---	---	---	---	---	---	---	---	20.0	18.0	18.5
15	---	---	---	---	---	---	---	---	---	19.0	18.0	18.5
16	9.5	8.5	9.0	---	---	---	---	---	---	19.0	17.5	18.0
17	9.5	9.0	9.0	---	---	---	---	---	---	---	---	---
18	9.0	9.0	9.0	---	---	---	---	---	---	---	---	---
19	10.0	9.0	9.5	---	---	---	---	---	---	---	---	---
20	10.0	8.5	9.5	---	---	---	---	---	---	---	---	---
21	10.5	9.0	9.5	---	---	---	---	---	---	---	---	---
22	11.0	8.5	9.5	---	---	---	---	---	---	---	---	---
23	12.0	10.0	11.0	---	---	---	19.0	18.0	18.5	---	---	---
24	10.5	9.5	10.0	---	---	---	20.0	18.5	19.0	---	---	---
25	10.5	10.0	10.0	---	---	---	20.5	19.5	20.0	---	---	---
26	11.5	10.0	10.5	---	---	---	20.5	20.0	20.5	---	---	---
27	12.0	11.5	12.0	---	---	---	20.5	20.0	20.5	---	---	---
28	12.0	11.5	11.5	---	---	---	20.0	19.5	20.0	---	---	---
29	12.5	11.5	12.0	---	---	---	20.5	18.5	19.5	---	---	---
30	---	---	---	---	---	---	19.5	18.5	19.0	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	12.5	7.5	9.6	14.5	11.5	13.1	20.5	18.0	19.6	20.0	17.5	18.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	30.5	28.0	29.0	---	---	---
2	---	---	---	---	---	---	29.5	27.0	28.0	---	---	---
3	---	---	---	---	---	---	29.5	27.0	28.0	---	---	---
4	---	---	---	---	---	---	30.0	27.5	29.0	---	---	---
5	---	---	---	---	---	---	30.5	27.5	29.0	---	---	---
6	24.0	22.5	23.0	---	---	---	29.0	27.5	28.0	---	---	---
7	24.0	22.5	23.0	---	---	---	29.0	27.0	28.0	---	---	---
8	23.5	22.5	23.0	---	---	---	30.0	27.5	28.5	27.5	25.5	26.5
9	23.5	22.5	23.0	---	---	---	29.5	27.5	29.0	28.0	26.0	26.5
10	23.5	22.5	23.0	---	---	---	31.0	27.5	29.0	27.5	25.5	26.5
11	23.5	23.0	23.0	---	---	---	30.5	28.0	29.0	27.5	26.0	26.5
12	23.5	23.0	23.0	---	---	---	30.0	27.5	28.5	27.5	26.0	27.0
13	23.5	23.0	23.5	---	---	---	28.5	27.0	27.5	---	---	---
14	24.0	23.5	23.5	---	---	---	27.5	26.5	27.0	---	---	---
15	24.5	23.5	23.5	---	---	---	27.0	26.0	26.5	---	---	---
16	24.0	23.5	23.5	29.5	27.0	28.5	26.5	23.0	25.5	---	---	---
17	23.5	23.0	23.5	28.5	26.5	27.5	28.0	22.5	25.5	---	---	---
18	23.5	22.5	23.0	30.0	26.0	27.5	27.0	26.5	26.5	---	---	---
19	23.5	23.0	23.0	29.5	26.0	27.5	27.0	26.0	26.5	---	---	---
20	24.0	23.0	23.5	29.5	26.5	28.0	27.0	25.0	26.0	---	---	---
21	24.5	23.5	24.0	30.5	26.5	28.0	26.5	26.0	26.0	---	---	---
22	24.5	23.5	24.0	30.0	27.0	28.0	26.5	26.0	26.5	---	---	---
23	24.5	23.0	24.0	29.0	26.5	27.5	27.5	25.5	26.5	---	---	---
24	24.5	23.0	24.0	29.0	26.5	28.0	27.5	25.5	26.5	---	---	---
25	25.0	23.5	24.5	30.5	27.0	28.5	27.5	25.5	26.5	---	---	---
26	25.0	24.0	24.5	30.5	27.5	29.0	27.0	25.5	26.5	---	---	---
27	25.0	24.0	24.5	30.5	27.5	29.0	26.5	26.0	26.0	---	---	---
28	25.5	23.0	24.5	29.5	28.5	29.0	26.5	25.5	26.0	---	---	---
29	---	---	---	30.5	28.0	29.0	---	---	---	---	---	---
30	---	---	---	30.5	28.0	29.0	---	---	---	---	---	---
31	---	---	---	30.0	28.5	29.0	---	---	---	---	---	---
MONTH	25.5	22.5	23.6	30.5	26.0	28.3	31.0	22.5	27.3	28.0	25.5	26.6
YEAR	31.0	6.5	17.4									

SANTEE RIVER BASIN

02148060 WATEREE RIVER BELOW CAMDEN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC

LOCATION.--Lat 33°49'42'', long 80°37'14'', Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi upstream from Southern Railway bridge, 1.8 mi northeast of Wateree, 4.5 mi southeast of Eastover, and at mile 10.8.

DRAINAGE AREA.--5,590 mi², approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Datum of gage is 77.43 ft National Geodetic Vertical Datum of 1929 (South Carolina Electric and Gas Company benchmark).

REMARKS.--Records good except for estimated daily discharges, Dec. 3 - 6, 28 - 31, Jan. 20, Feb. 15, 16, which are poor. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft³. 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 Feb. 27 to Mar. 3, June 19 - 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2820	1820	2410	7730	7160	---	6370	9230	4220	4150	4350	2090
2	3410	1760	2270	5950	7610	---	6060	9260	2180	5190	3400	2020
3	2930	1400	2300	5890	7510	---	6220	7930	3160	7770	2350	1920
4	4870	1290	4500	7660	6960	9960	6160	5860	6850	7690	2100	1930
5	5390	1300	7500	8980	5610	9790	5210	4940	8970	6830	2030	2250
6	4610	1320	6500	9090	5610	9620	4360	5850	9250	5640	1970	2330
7	2940	1580	6030	8750	5490	9710	3910	7680	9440	5210	2070	2270
8	2120	1510	6600	8620	4470	9820	3780	8550	9540	4880	2050	2740
9	1860	1740	6040	8050	3590	9900	3720	9240	9280	5250	1970	3610
10	1630	2160	6010	7300	3920	9920	3690	9630	9040	5900	1930	4580
11	1790	2830	5420	7300	4490	9900	3520	9670	9420	5120	1950	4800
12	1940	2480	5200	8420	4360	9900	2510	9170	9780	3630	1940	5820
13	1900	3300	5230	8560	3880	9750	2080	7730	9880	3920	2120	5530
14	1870	3030	5190	6920	3800	8910	2370	7590	9940	2850	2420	3540
15	1910	2880	4640	6490	5600	8350	2700	7440	9930	3330	4580	1920
16	1890	2340	3550	6450	6800	7950	2730	7340	9930	2360	5610	1800
17	1860	1750	2730	6570	6680	7810	2730	7480	9930	1820	4470	1860
18	1900	1570	2410	7770	6130	7290	2680	6950	9970	1900	4690	1880
19	1900	1640	2490	8170	6650	8320	2610	5230	---	2050	8290	2060
20	1880	2820	3270	7000	6960	7800	2570	5870	---	2060	8130	3040
21	1860	2190	4200	5860	5690	7180	2650	5810	---	2060	6920	2900
22	1830	1960	4170	6350	4990	6680	5930	5930	9980	2060	7430	2160
23	1840	2100	3440	5510	4210	5520	9560	5040	9960	2030	7300	3160
24	1840	2650	2770	6860	3890	5260	9880	4360	9950	1990	5590	5580
25	1840	2790	2710	8540	7690	6590	9950	3860	9950	1990	4760	4950
26	1860	3510	2610	6740	9500	8790	9950	3170	9940	1960	6210	3850
27	1870	5120	2390	5520	---	9250	9960	2880	9920	1880	6680	2420
28	1860	5050	3000	5990	---	9670	9970	4900	9920	2340	7500	2070
29	1810	3250	8000	7820	---	9640	9930	4720	9640	3940	6730	4060
30	1800	2760	9000	8490	---	9360	9680	7060	6840	4000	3840	4570
31	1800	---	8000	7720	---	8050	---	7250	---	4080	2160	---
TOTAL	71630	71900	140580	227070	---	---	163440	207620	---	115880	133540	93710
MEAN	2311	2397	4535	7325	---	---	5448	6697	---	3738	4308	3124
MAX	5390	5120	9000	9090	---	---	9970	9670	---	7770	8290	5820
MIN	1630	1290	2270	5510	---	---	2080	2880	---	1820	1930	1800
CFSM	.41	.43	.81	1.31	---	---	.97	1.20	---	.67	.77	.56
IN.	.48	.48	.94	1.51	---	---	1.09	1.38	---	.77	.89	.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1992, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	4529	---	---
MAX	---	---	---	---	---	---	---	---	---	7239	---	---
(WY)	---	---	---	---	---	---	---	---	---	1989	---	---
MIN	1748	1623	2885	4046	3047	3635	2344	1440	1350	1507	1627	1939
(WY)	1987	1982	1989	1989	1977	1981	1985	1986	1988	1986	1988	1986

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1968 - 1992

LOWEST DAILY MEAN	1290	Nov 4 1992	549	Oct 22 1986
ANNUAL SEVEN-DAY MINIMUM	698		698	Oct 18 1986
INSTANTANEOUS PEAK FLOW	Unknown	Feb 28 1992	Unknown	Oct 6 1989
INSTANTANEOUS PEAK STAGE	15.22	Feb 28 1992	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: October 1970 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, 5.8 units, Aug. 3, 1982, Mar. 10, 1988.

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, 305 microsiemens, Sept. 18; minimum, 91 microsiemens, Aug. 12, 13.

pH: Maximum, 7.6 units, Jan. 30; minimum, 6.4 units, Apr. 5, 6.

WATER TEMPERATURE: Maximum, 31.5°, Aug. 4; minimum, 7.5°C, Jan. 21.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Jan. 30; minimum, 4.3 mg/L, June 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	147	136	141	197	144	178	194	188	192	200	195	197
2	149	141	145	197	142	154	195	191	193	199	194	197
3	154	142	149	152	145	147	---	---	---	198	189	195
4	149	141	146	211	152	173	---	---	---	211	197	201
5	149	145	147	228	211	220	---	---	---	211	198	203
6	149	146	148	234	209	229	---	---	---	203	199	202
7	158	149	152	209	192	196	182	176	179	202	200	201
8	168	125	156	200	195	198	185	181	184	207	201	204
9	169	161	165	196	181	190	187	183	185	212	204	208
10	176	164	172	186	172	182	190	187	188	215	209	212
11	175	164	168	172	169	170	195	175	191	212	209	211
12	173	163	169	172	158	169	197	187	192	216	212	214
13	176	169	173	166	143	151	198	195	196	212	205	209
14	199	171	179	171	135	160	200	197	199	205	196	199
15	198	187	192	142	133	137	205	198	203	196	191	194
16	192	186	190	142	135	138	209	204	207	191	185	190
17	191	185	188	135	127	132	216	208	210	188	183	186
18	187	181	185	130	127	128	218	210	214	191	185	188
19	188	178	183	168	124	134	218	212	215	191	181	185
20	183	175	180	188	162	174	214	206	210	---	---	---
21	183	174	179	193	187	191	213	209	211	180	168	175
22	184	172	180	191	186	188	214	210	212	182	178	180
23	185	176	181	190	179	185	216	184	200	180	160	173
24	186	178	182	198	180	189	184	180	181	170	159	164
25	186	179	183	198	189	194	180	177	178	171	163	168
26	187	179	183	191	179	187	219	177	194	163	151	155
27	187	178	183	182	179	181	234	170	187	167	148	153
28	189	179	185	185	179	181	230	198	221	172	167	168
29	190	138	177	194	185	190	205	198	203	178	172	176
30	192	183	188	192	185	188	203	182	196	190	177	183
31	190	141	171	---	---	---	200	193	196	189	184	187
MONTH	199	125	172	234	124	174	234	170	198	216	148	189

SANTÉE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTÉE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	21.5	22.0	18.0	17.5	17.5	15.0	13.5	14.5	10.0	9.5	9.5
2	23.5	22.5	23.0	18.5	17.5	18.0	16.5	15.0	16.0	10.0	9.5	9.5
3	23.0	22.5	23.0	18.0	17.0	17.5	---	---	---	10.0	9.5	10.0
4	23.5	22.5	23.0	17.0	15.5	16.5	---	---	---	10.5	10.0	10.0
5	24.5	23.5	24.0	15.5	14.5	15.0	---	---	---	10.0	10.0	10.0
6	24.5	23.5	24.0	14.5	13.0	13.5	---	---	---	10.0	10.0	10.0
7	23.5	21.5	22.5	13.0	12.0	12.5	11.5	11.0	11.5	10.0	10.0	10.0
8	21.5	20.0	20.5	12.5	12.0	12.5	12.0	11.5	12.0	10.0	9.5	9.5
9	20.0	19.0	19.5	12.5	11.0	11.5	13.0	12.0	12.5	9.5	9.5	9.5
10	20.0	19.5	20.0	11.5	11.0	11.5	13.5	12.5	13.0	10.0	9.5	10.0
11	21.0	20.0	20.5	12.5	11.0	11.5	13.0	12.5	13.0	9.5	9.0	9.5
12	21.5	20.0	21.0	12.5	12.0	12.5	12.5	12.0	12.5	9.5	9.0	9.0
13	21.0	20.0	20.5	13.0	12.0	12.5	13.5	12.5	13.0	10.0	9.5	9.5
14	20.5	19.5	20.0	13.5	13.0	13.0	14.0	13.0	13.5	10.5	10.0	10.5
15	20.5	19.5	20.0	14.0	13.0	13.5	13.5	12.5	13.0	10.5	9.5	10.0
16	20.5	19.5	20.0	14.5	13.5	14.0	12.5	11.5	12.0	9.5	8.5	9.0
17	19.5	19.0	19.5	15.0	14.0	14.5	11.5	10.5	10.5	8.5	8.0	8.0
18	19.5	18.0	19.0	14.5	14.0	14.5	10.5	10.0	10.0	9.0	8.0	8.5
19	19.5	18.0	19.0	15.0	14.0	14.5	10.0	9.0	9.5	9.0	8.5	8.5
20	19.5	18.5	19.0	15.0	14.0	14.5	9.5	8.5	9.0	---	---	---
21	19.5	18.5	19.0	16.0	15.0	15.5	10.0	8.5	9.5	8.5	7.5	8.0
22	19.5	18.5	19.0	17.0	16.0	16.5	11.0	9.5	10.5	8.5	8.0	8.5
23	20.0	19.0	19.5	16.5	16.0	16.5	12.0	10.5	11.0	9.5	8.5	9.0
24	20.5	19.5	20.0	16.0	14.0	15.0	12.5	11.5	12.0	9.5	9.0	9.5
25	21.5	20.5	21.0	14.0	12.5	13.0	12.5	11.5	12.0	9.0	8.5	8.5
26	21.5	21.0	21.5	12.5	11.5	12.0	11.5	10.5	11.0	8.5	8.0	8.5
27	21.5	21.0	21.5	12.0	11.0	12.0	10.5	10.0	10.5	9.0	8.0	8.5
28	21.5	21.0	21.0	12.0	11.5	12.0	10.0	10.0	10.0	9.0	8.5	9.0
29	21.5	20.0	21.0	12.5	11.5	12.0	10.5	10.0	10.5	9.0	8.5	9.0
30	20.0	19.0	19.5	13.5	12.5	13.0	10.5	10.0	10.5	9.0	9.0	9.0
31	19.0	18.0	18.5	---	---	---	10.0	10.0	10.0	9.0	9.0	9.0
MONTH	24.5	18.0	20.7	18.5	11.0	13.9	16.5	8.5	11.6	10.5	7.5	9.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	9.0	9.0	13.0	12.0	12.5	14.5	13.5	14.0	19.5	19.0	19.5
2	9.0	8.5	8.5	13.0	12.5	13.0	15.0	13.5	14.0	20.5	19.5	20.0
3	8.5	8.5	8.5	13.5	13.0	13.0	14.0	13.5	13.5	21.0	20.5	20.5
4	9.0	8.5	9.0	13.5	13.5	13.5	14.5	13.5	14.0	---	---	---
5	9.5	9.0	9.0	13.5	13.5	13.5	14.5	13.0	14.0	---	---	---
6	9.0	8.5	9.0	13.5	13.0	13.5	14.5	13.0	14.0	---	---	---
7	8.5	8.0	8.5	13.5	13.0	13.5	14.5	13.5	14.0	---	---	---
8	9.0	8.5	8.5	14.0	13.5	13.5	16.0	14.0	15.0	18.0	17.0	17.5
9	9.0	8.5	9.0	15.0	14.0	14.5	16.5	15.0	16.0	18.5	17.0	17.5
10	9.0	8.5	8.5	15.0	15.0	15.0	18.0	16.0	17.0	19.0	18.0	18.5
11	9.0	8.0	8.5	15.0	14.0	14.5	18.0	17.0	17.5	20.0	19.0	19.5
12	9.5	8.5	9.0	14.0	13.0	13.5	18.5	17.5	18.0	20.0	19.5	19.5
13	9.5	9.0	9.5	14.0	13.5	13.5	19.5	18.0	19.0	20.5	19.5	20.0
14	9.5	9.0	9.5	13.5	13.0	13.5	20.0	19.0	19.5	20.0	19.5	19.5
15	10.0	9.0	9.5	13.5	13.0	13.0	19.5	18.5	19.0	20.0	19.5	20.0
16	10.5	9.5	10.0	13.0	12.5	13.0	19.5	18.5	19.0	20.0	20.0	20.0
17	10.0	10.0	10.0	13.0	12.5	13.0	20.0	19.0	19.5	20.0	19.5	20.0
18	10.0	9.5	10.0	13.5	13.0	13.0	20.5	19.5	20.0	20.5	20.0	20.0
19	10.5	9.5	10.0	14.0	13.0	13.5	20.5	20.0	20.5	---	---	---
20	10.5	10.0	10.5	14.0	13.5	13.5	20.5	20.5	20.5	---	---	---
21	11.0	10.0	10.5	13.5	13.0	13.0	20.5	20.0	20.5	---	---	---
22	10.5	9.5	10.0	13.5	12.5	13.0	20.0	16.5	19.0	---	---	---
23	11.5	10.0	10.5	14.0	13.0	13.5	18.5	16.0	17.0	---	---	---
24	12.5	11.0	11.5	14.0	12.5	13.0	20.0	18.5	19.0	---	---	---
25	12.5	11.0	11.5	13.5	12.5	13.0	20.0	19.5	20.0	---	---	---
26	11.5	11.5	11.5	13.5	12.5	13.0	20.0	19.5	20.0	---	---	---
27	11.5	11.0	11.5	13.5	13.0	13.0	20.0	19.5	20.0	---	---	---
28	12.5	11.5	12.0	13.5	13.0	13.5	20.0	19.5	19.5	---	---	---
29	12.5	12.0	12.5	13.5	13.0	13.0	19.5	19.0	19.0	---	---	---
30	---	---	---	13.5	13.5	13.5	19.5	19.0	19.0	---	---	---
31	---	---	---	14.0	13.5	14.0	---	---	---	---	---	---
MONTH	12.5	8.0	9.8	15.0	12.0	13.4	20.5	13.0	17.7	21.0	17.0	19.4

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45'', long 81°23'17'', York County, Hydrologic Unit 03050105, near right bank, at downstream side of bridge on State Highway 55, 3.0 mi northeast of Smyrna and 10.1 mi northwest of York.

DRAINAGE AREA.--24.1 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 565 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 27, 28, Apr. 22 - 28, May 2, 6, 7, 31, June 1, 2, July 29 to Aug. 3, Aug. 11 - 14, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	7.9	7.5	8.4	10	20	20	15	14	27	6.0	7.9
2	4.7	8.1	7.4	8.0	9.1	18	19	15	14	16	8.1	7.7
3	5.9	8.2	10	18	8.7	17	17	15	14	15	7.3	8.3
4	5.8	9.4	13	19	8.6	16	17	14	27	14	7.4	11
5	6.0	7.4	8.0	12	8.9	15	17	14	34	13	7.3	23
6	13	7.0	15	9.7	9.0	120	16	21	18	13	6.9	22
7	7.3	6.8	14	8.7	8.1	117	16	46	15	18	7.5	11
8	5.8	6.8	7.5	8.1	8.3	71	16	123	28	12	25	9.4
9	5.3	7.3	6.6	8.0	8.1	36	16	42	69	11	15	8.7
10	4.9	15	7.2	7.7	8.0	42	15	27	28	11	9.3	8.6
11	5.3	11	6.5	8.4	8.0	44	15	21	35	10	8.4	13
12	5.5	8.4	6.1	7.8	8.1	32	16	19	41	9.6	8.0	8.5
13	5.8	7.3	6.3	7.7	8.2	25	19	18	28	9.0	20	7.6
14	4.9	7.1	6.9	9.5	8.5	22	15	18	358	8.8	23	7.3
15	5.1	6.9	7.2	8.5	15	20	15	17	57	8.3	13	7.1
16	5.5	7.1	6.0	7.7	23	19	16	16	58	8.0	11	7.0
17	6.1	7.3	6.2	7.3	15	18	15	15	30	7.9	13	6.9
18	5.5	7.9	6.3	7.3	15	18	14	15	24	7.7	14	6.6
19	4.7	7.7	6.1	6.6	14	66	14	15	22	7.8	11	6.8
20	5.1	7.8	6.0	6.0	13	37	18	15	19	7.4	11	7.1
21	6.2	7.9	6.2	7.6	11	29	313	15	18	7.3	13	7.5
22	6.3	8.4	6.4	7.3	11	25	130	14	16	54	10	8.0
23	7.0	8.1	6.6	62	87	33	50	14	16	35	9.6	7.8
24	7.4	7.2	8.5	33	112	25	26	14	16	13	9.2	9.3
25	7.4	6.6	7.5	15	302	22	22	13	16	11	8.9	8.9
26	7.4	6.4	6.6	12	333	95	18	13	17	11	8.6	7.6
27	7.7	6.3	6.4	11	61	40	15	17	15	9.3	8.6	13
28	7.8	6.4	14	13	32	28	15	14	14	8.6	11	14
29	7.8	6.6	40	11	23	24	18	18	13	7.1	9.3	15
30	7.7	6.8	13	10	---	23	17	22	30	6.3	8.2	9.8
31	7.9	---	9.3	10	---	22	---	18	---	6.1	7.9	---
TOTAL	197.5	233.1	284.3	376.3	1186.6	1139	950	673	1104	403.2	336.5	296.4
MEAN	6.37	7.77	9.17	12.1	40.9	36.7	31.7	21.7	36.8	13.0	10.9	9.88
MAX	13	15	40	62	333	120	313	123	358	54	25	23
MIN	4.7	6.3	6.0	6.0	8.0	15	14	13	13	6.1	6.0	6.6
CFSM	.26	.32	.38	.50	1.70	1.52	1.31	.90	1.53	.54	.45	.41
IN.	.30	.36	.44	.58	1.83	1.76	1.47	1.04	1.70	.62	.52	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	17.0	16.6	22.9	32.6	39.8	40.5	26.1	19.6	14.0	9.72	12.7	6.88
MAX	91.8	60.1	54.9	71.2	66.8	79.2	54.7	37.1	36.8	30.7	47.8	10.7	
(WY)	1991	1986	1984	1982	1984	1984	1983	1984	1992	1984	1985	1989	
MIN	3.91	5.41	9.17	12.1	13.3	13.6	11.7	8.02	4.11	2.95	2.53	1.77	
(WY)	1984	1982	1992	1992	1986	1988	1986	1988	1988	1988	1987	1983	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	8564.2	7179.9	21.5
ANNUAL MEAN	23.5	19.6	36.1
HIGHEST ANNUAL MEAN			11.2
LOWEST ANNUAL MEAN			1000
HIGHEST DAILY MEAN	533	358	1000
LOWEST DAILY MEAN	4.4	4.7	.76
ANNUAL SEVEN-DAY MINIMUM	5.1	5.3	.92
INSTANTANEOUS PEAK FLOW		1100	** 1890
INSTANTANEOUS PEAK STAGE		10.64	13.22
ANNUAL RUNOFF (CFSM)	.97	.81	.89
ANNUAL RUNOFF (INCHES)	13.22	11.08	12.10
10 PERCENT EXCEEDS	38	31	35
50 PERCENT EXCEEDS	13	11	12
90 PERCENT EXCEEDS	6.0	6.4	4.2

* Also occurred on Oct. 2, 19.

** From rating curve extended above 300 ft³/s.

SANTÉE 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.--Water-stage recorder. Datum of gage is 715.56 ft above National Geodetic Vertical Datum of 1929. 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, Oct. 1 - 8, July 7 - 24, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	107	117	122	124	237	199	170	182	497	131	146
2	125	113	206	119	119	209	188	165	169	313	123	159
3	120	111	215	180	117	193	181	159	162	288	122	150
4	110	107	255	211	116	182	175	151	426	232	119	151
5	120	106	164	164	115	170	170	144	453	202	115	149
6	140	107	144	147	113	271	165	166	289	191	115	243
7	130	107	134	137	111	504	161	292	230	220	124	181
8	120	108	128	130	110	328	159	751	204	240	122	157
9	119	108	124	126	107	263	154	729	315	200	118	151
10	118	132	123	126	107	251	149	384	412	170	118	142
11	117	134	118	120	106	264	147	297	708	150	124	187
12	113	116	116	117	105	220	295	255	1160	140	109	154
13	111	111	114	117	105	203	212	233	467	140	329	137
14	110	109	119	136	105	189	174	219	369	135	610	132
15	111	109	118	128	145	182	163	200	524	135	261	128
16	116	108	110	116	215	174	177	186	390	145	317	123
17	111	108	108	111	150	168	158	178	421	130	233	120
18	109	109	116	112	152	168	149	183	405	130	183	127
19	107	111	106	110	146	258	137	212	329	150	161	112
20	101	114	105	108	136	248	193	185	287	140	153	152
21	103	109	106	108	129	229	732	175	267	160	207	130
22	107	125	107	108	124	208	652	165	263	140	170	231
23	107	146	109	235	265	223	362	158	236	150	207	204
24	113	119	111	274	453	199	280	154	229	345	176	156
25	114	109	106	178	544	194	242	151	221	188	159	146
26	109	106	104	155	1280	304	210	152	279	158	148	137
27	108	104	104	144	752	274	194	178	261	150	157	317
28	108	104	120	140	361	240	184	163	211	141	290	359
29	106	104	209	135	281	226	180	196	203	142	261	328
30	105	104	153	131	---	217	182	289	235	120	178	239
31	107	---	132	128	---	212	---	218	---	127	157	---
TOTAL	3525	3365	4101	4373	6693	7208	6724	7258	10307	5769	5797	5248
MEAN	114	112	132	141	231	233	224	234	344	186	187	175
MAX	140	146	255	274	1280	504	732	751	1160	497	610	359
MIN	101	104	104	108	105	168	137	144	162	120	109	112
CFSM	.98	.97	1.14	1.22	1.99	2.00	1.93	2.02	2.96	1.60	1.61	1.51
IN.	1.13	1.08	1.32	1.40	2.15	2.31	2.16	2.33	3.31	1.85	1.86	1.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1992, BY WATER YEAR (WY)

	MEAN	175	163	203	250	271	294	266	208	180	157	164	145
	MAX	795	427	459	791	621	752	763	466	439	310	490	405
	(WY)	1965	1949	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

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1930 - 1992

ANNUAL TOTAL	74786	70368	
ANNUAL MEAN	205	192	206
HIGHEST ANNUAL MEAN			340
LOWEST ANNUAL MEAN			101
HIGHEST DAILY MEAN	2200	Mar 30	8110
LOWEST DAILY MEAN	95	Sep 21	27
ANNUAL SEVEN-DAY MINIMUM	104	Sep 17	29
INSTANTANEOUS PEAK FLOW			1470
INSTANTANEOUS PEAK STAGE			7.54
INSTANTANEOUS LOW FLOW			63
ANNUAL RUNOFF (CFSM)	1.77	1.66	27.13
ANNUAL RUNOFF (INCHES)	23.98	22.57	9.0
10 PERCENT EXCEEDS	317	299	336
50 PERCENT EXCEEDS	161	151	156
90 PERCENT EXCEEDS	108	108	82

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

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.--Water-stage recorder. Datum of gage is 825 ft above National Geodetic Vertical datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 1 to Nov. 21, which are fair, and June 24 to July 24, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54	53	55	55	56	115	81	72	66	240	50	52
2	54	54	76	54	55	104	78	69	62	150	47	68
3	54	53	106	89	54	97	76	65	63	160	46	61
4	53	51	90	78	54	90	75	63	262	90	45	57
5	71	53	65	66	53	84	73	62	147	80	44	57
6	106	53	58	61	52	245	72	74	108	75	46	56
7	61	54	57	58	52	305	73	127	77	85	49	55
8	58	53	55	56	51	160	73	530	73	95	48	52
9	56	53	55	56	50	124	71	292	107	65	47	51
10	56	66	56	55	50	132	75	151	122	55	47	50
11	56	56	54	54	50	124	73	113	362	52	47	56
12	54	53	53	53	50	104	76	98	217	50	46	50
13	54	51	53	54	50	95	71	92	143	48	320	49
14	54	53	58	62	50	90	68	86	123	46	222	48
15	56	53	54	54	112	86	68	80	180	45	73	47
16	56	53	52	52	108	82	70	76	123	50	60	46
17	53	53	51	51	74	80	65	73	117	45	54	46
18	54	53	51	52	74	79	63	73	106	45	52	45
19	53	56	50	50	69	169	62	71	96	55	51	46
20	53	54	54	50	63	129	111	71	87	45	54	47
21	54	56	50	50	60	109	405	68	93	60	71	47
22	54	59	50	50	58	97	266	65	90	50	60	106
23	56	56	52	188	287	111	136	63	78	60	59	69
24	59	52	52	116	279	92	105	61	70	100	59	58
25	56	50	49	79	473	92	93	60	65	66	57	53
26	56	50	48	70	853	171	89	62	80	55	55	51
27	56	49	48	65	365	114	84	69	70	52	63	223
28	54	49	70	64	193	96	81	63	60	51	93	154
29	54	51	108	62	139	90	78	81	75	49	72	201
30	54	49	66	60	---	88	75	108	150	48	58	95
31	54	---	58	58	---	86	---	76	---	48	53	---
TOTAL	1773	1599	1855	2022	3934	3640	2886	3114	3472	2215	2148	2096
MEAN	57.2	53.3	59.8	65.2	136	117	96.2	100	116	71.5	69.3	69.9
MAX	106	66	108	188	853	305	405	530	362	240	320	223
MIN	53	49	48	50	50	79	62	60	60	45	44	45
CFSM	1.03	.96	1.08	1.18	2.45	2.12	1.74	1.81	2.09	1.29	1.25	1.26
IN.	1.19	1.07	1.25	1.36	2.64	2.44	1.94	2.09	2.33	1.49	1.44	1.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	MEAN	101	64.6	74.1	106	130	133	109	101	85.3	75.3	68.4	57.9
MAX	126	72.2	98.8	136	248	199	169	157	116	109	119	69.9	
(WY)	1991	1990	1990	1990	1990	1990	1991	1991	1992	1991	1991	1992	
MIN	57.2	53.3	59.8	65.2	61.1	104	55.1	62.2	53.3	43.6	42.5	45.8	
(WY)	1992	1992	1992	1992	1989	1989	1989	1989	1990	1990	1989	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	36297	30754	98.3
ANNUAL MEAN	99.4	84.0	107
HIGHEST ANNUAL MEAN			84.0
LOWEST ANNUAL MEAN			895
HIGHEST DAILY MEAN	750	853	25
LOWEST DAILY MEAN	48	44	* Mar 17 1990
ANNUAL SEVEN-DAY MINIMUM	50	46	26
INSTANTANEOUS PEAK FLOW		1010	2190
INSTANTANEOUS PEAK STAGE		7.93	9.43
ANNUAL RUNOFF (CFSM)	1.80	1.52	1.78
ANNUAL RUNOFF (INCHES)	24.37	20.65	24.12
10 PERCENT EXCEEDS	150	128	151
50 PERCENT EXCEEDS	78	60	68
90 PERCENT EXCEEDS	53	50	40

* Also occurred on Aug. 20, 1990.

SANTÉE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35'', long 81°57'35'', Spartanburg County, Hydrologic Unit 03050105, on right bank, 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--December 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 706.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Jan. 22 - 30, Feb. 26 to Mar. 16, which are poor. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. About 49.6 ft³/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	172	160	194	151	230	400	299	232	300	696	146	212
2	169	166	295	205	217	400	242	224	239	472	139	226
3	159	164	304	320	226	300	175	192	229	509	137	214
4	126	159	364	349	190	220	172	163	742	359	134	215
5	139	158	240	229	188	270	164	157	606	293	132	235
6	228	159	209	184	188	450	182	179	381	260	131	399
7	147	159	197	225	212	600	206	488	326	305	140	272
8	170	162	190	212	239	450	205	1340	311	319	140	224
9	169	163	186	216	235	350	212	1600	441	221	137	216
10	180	189	160	216	200	320	213	747	633	200	135	197
11	175	193	142	207	192	360	221	598	1080	175	143	214
12	164	172	140	206	189	290	393	399	1790	172	129	179
13	188	160	139	265	153	250	289	325	885	166	387	161
14	194	128	145	224	132	250	248	290	678	160	1160	154
15	201	127	144	150	218	210	215	271	814	159	378	150
16	194	127	137	140	318	200	229	257	609	171	357	146
17	156	128	162	133	183	222	204	227	632	152	259	144
18	150	128	204	131	179	355	191	237	573	156	255	152
19	121	131	191	130	174	556	179	282	451	177	237	137
20	113	135	193	128	165	336	303	232	396	161	170	174
21	118	134	196	129	158	370	1400	186	364	191	284	152
22	121	147	203	128	155	343	1220	175	330	160	274	267
23	122	174	204	350	374	353	475	179	298	182	313	278
24	127	188	206	450	805	329	392	163	291	329	232	179
25	129	181	200	300	1120	319	365	159	272	212	186	167
26	148	180	186	270	2830	430	310	160	307	172	249	157
27	125	175	172	260	1100	377	275	184	286	165	562	363
28	125	176	195	250	700	342	242	171	243	159	703	488
29	123	181	294	250	520	325	248	240	286	159	420	496
30	144	181	205	242	---	320	251	507	309	136	253	318
31	160	---	155	238	---	314	---	377	---	145	228	---
TOTAL	4757	4785	6152	6888	11790	10611	9720	10941	15102	7293	8550	6886
MEAN	153	159	198	222	407	342	324	353	503	235	276	230
MAX	228	193	364	450	2830	600	1400	1600	1790	696	1160	496
MIN	113	127	137	128	132	200	164	157	229	136	129	137
CFSM	.72	.75	.94	1.05	1.92	1.61	1.53	1.66	2.37	1.11	1.30	1.08
IN.	.83	.84	1.08	1.21	2.07	1.86	1.71	1.92	2.65	1.28	1.50	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1992, BY WATER YEAR (WY)

	MEAN	285	265	342	400	444	483	447	344	292	253	258	229
MAX	1313	750	733	1203	940	1324	1249	816	647	486	846	763	
(WY)	1965	1949	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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1930 - 1992

ANNUAL TOTAL	124312	103475	
ANNUAL MEAN	341	283	
HIGHEST ANNUAL MEAN			337
LOWEST ANNUAL MEAN			535
HIGHEST DAILY MEAN	3470	Mar 30	1937
LOWEST DAILY MEAN	113	Oct 20	140
ANNUAL SEVEN-DAY MINIMUM	122	Oct 19	13500
INSTANTANEOUS PEAK FLOW			32
INSTANTANEOUS PEAK STAGE			35
ANNUAL RUNOFF (CFSM)	1.61	5.71	** 22800
ANNUAL RUNOFF (INCHES)	21.81	1.33	22.43
10 PERCENT EXCEEDS	592	18.16	1.59
50 PERCENT EXCEEDS	241		21.62
90 PERCENT EXCEEDS	140		567
			252
			117

* Also occurred on Oct. 7, 1954.

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

SANTEE RIVER BASIN

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'31'', long 82°04'27'', 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.--Water-stage recorder. Elevation of gage is 838 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Dec. 13 - 23, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	6.5	6.8	6.5	6.2	9.5	8.5	7.1	6.5	6.7	4.2	5.7
2	5.0	6.3	6.0	6.4	6.2	8.8	8.2	6.9	6.3	7.4	4.1	6.0
3	4.9	6.3	11	12	6.1	8.3	7.7	6.6	6.5	6.4	4.0	6.1
4	4.8	6.3	7.3	8.5	6.0	8.1	7.7	6.2	20	5.7	3.9	6.0
5	6.4	5.7	6.1	7.4	6.1	7.9	7.6	6.1	9.7	5.1	3.8	7.8
6	11	5.3	6.0	7.0	6.0	25	7.5	8.4	7.7	5.0	4.1	6.8
7	6.7	5.4	5.9	6.3	6.1	17	7.7	13	6.8	5.1	4.2	6.1
8	6.5	5.2	5.8	6.2	6.0	12	7.6	27	6.6	4.8	4.3	5.8
9	6.6	5.2	5.9	6.2	5.9	10	7.4	14	8.0	4.6	3.9	5.6
10	6.5	12	5.9	6.1	5.9	13	7.2	10	7.3	4.3	4.4	5.9
11	6.5	7.4	5.6	6.0	6.0	11	7.0	8.9	11	4.2	4.2	8.1
12	6.5	6.8	5.7	6.0	6.0	9.6	7.5	8.3	8.6	4.2	3.9	5.9
13	6.3	6.2	5.7	6.1	6.0	8.9	6.9	8.3	7.7	4.0	18	5.5
14	6.3	5.9	5.8	6.9	6.0	8.3	6.8	7.9	8.5	3.9	9.4	5.2
15	6.5	5.7	5.5	5.9	15	8.1	8.6	7.6	7.5	3.9	6.5	5.1
16	6.4	5.6	5.4	5.9	9.2	7.9	8.0	7.3	6.8	3.9	5.9	4.9
17	5.8	5.5	5.4	6.0	8.1	7.9	6.8	6.9	6.7	3.9	5.6	4.8
18	5.4	5.4	5.6	5.9	8.7	8.4	6.6	7.3	6.6	6.7	5.4	4.8
19	5.0	5.6	5.2	5.8	7.7	18	7.1	6.9	6.3	5.1	4.7	5.6
20	5.3	5.5	5.2	5.9	6.8	13	11	6.7	6.0	4.2	9.4	5.6
21	6.0	5.5	5.0	6.0	6.4	10	50	6.4	7.5	6.8	8.1	4.9
22	5.7	7.2	5.6	5.9	6.3	9.7	21	6.2	6.1	7.9	7.5	9.6
23	5.7	5.9	8.0	18	20	13	11	6.1	5.8	8.7	6.2	7.2
24	5.9	5.6	6.7	10	15	9.6	9.5	5.9	5.7	18	5.7	6.9
25	5.7	5.3	5.8	7.8	24	11	8.6	5.7	5.5	6.7	5.3	5.7
26	5.7	5.3	5.8	7.4	34	17	7.8	6.2	7.4	5.8	5.1	5.7
27	5.7	5.4	5.7	7.1	16	11	7.7	6.9	6.9	5.3	25	17
28	5.7	5.4	12	6.9	12	9.7	7.6	6.2	6.1	5.1	13	9.7
29	5.8	5.4	12	6.5	11	9.3	7.4	9.9	12	4.7	7.9	7.8
30	5.7	5.5	7.5	6.4	---	9.2	7.4	12	11	4.6	6.7	6.4
31	6.1	---	6.8	6.3	---	8.9	---	7.3	---	4.4	6.1	---
TOTAL	187.0	180.3	202.7	221.3	284.7	339.1	291.4	260.2	235.1	177.1	210.5	198.2
MEAN	6.03	6.01	6.54	7.14	9.82	10.9	9.71	8.39	7.84	5.71	6.79	6.61
MAX	11	12	12	18	34	25	50	27	20	18	25	17
MIN	4.8	5.2	5.0	5.8	5.9	7.9	6.6	5.7	5.5	3.9	3.8	4.8
CFSM	.93	.93	1.01	1.11	1.52	1.69	1.50	1.30	1.21	.88	1.05	1.02
IN.	1.08	1.04	1.17	1.27	1.64	1.95	1.68	1.50	1.35	1.02	1.21	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1992, BY WATER YEAR (WY)

	MEAN	7.64	8.57	9.51	10.5	12.5	13.1	10.2	9.95	7.79	6.32	6.12	5.24
MAX	19.1	17.6	18.2	16.8	23.8	23.8	17.0	20.3	14.2	12.3	13.4	9.13	
(WY)	1991	1986	1984	1990	1990	1980	1983	1984	1989	1984	1984	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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1980 - 1992

ANNUAL TOTAL	3622.7	2787.6	
ANNUAL MEAN	9.93	7.62	
HIGHEST ANNUAL MEAN			8.94
LOWEST ANNUAL MEAN			12.5
HIGHEST DAILY MEAN	95	Jan 11	50
LOWEST DAILY MEAN	3.1	Apr 17	3.8
ANNUAL SEVEN-DAY MINIMUM	4.0	Apr 12	4.0
INSTANTANEOUS PEAK FLOW			61
INSTANTANEOUS PEAK STAGE			2.99
INSTANTANEOUS LOW FLOW			3.4
ANNUAL RUNOFF (CFSM)	1.54		1.18
ANNUAL RUNOFF (INCHES)	20.86		16.05
10 PERCENT EXCEEDS	14		11
50 PERCENT EXCEEDS	7.8		6.4
90 PERCENT EXCEEDS	4.9		5.0
			3.4

* Also occurred on Apr. 22.

** Also occurred on Aug. 10, 11.

SANTÉE RIVER BASIN

02156301 LAWSONS FORK CREEK AT TREATMENT PLANT AT SPARTANBURG, SC

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 current year.

GAGE.--Data collection platform. Elevation of gage is 610 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 12 - 18, Oct. 25 to Nov. 13, 22 - 26, Nov. 28 to Dec. 5, Jan. 20, 21, Feb. 25 - 28, May 24 to June 10, 13 - 17, July 2 - 4, 24 - 27, Aug. 6 - 14, Sept. 5 - 18, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	75	90	79	75	138	91	88	70	81	52	71
2	83	70	75	77	72	126	88	86	70	100	50	72
3	61	70	150	163	70	113	83	84	150	75	50	74
4	60	65	100	125	69	107	83	81	300	73	49	81
5	59	57	80	96	69	101	80	79	100	64	48	90
6	108	55	80	86	68	272	79	123	80	61	58	70
7	68	57	73	80	67	308	82	155	75	60	60	65
8	62	56	72	80	65	167	83	357	85	59	55	60
9	61	57	71	89	64	133	80	237	95	57	58	65
10	60	114	73	88	63	167	81	138	80	56	60	75
11	60	88	71	79	63	156	77	111	103	57	56	95
12	65	67	70	72	64	120	78	99	124	54	150	65
13	60	63	70	73	63	107	83	94	100	51	350	60
14	55	61	73	86	63	99	75	95	110	50	100	55
15	70	63	71	81	150	94	86	88	90	49	79	52
16	60	60	68	72	166	89	119	85	80	48	66	52
17	55	59	68	67	103	87	82	82	75	48	61	50
18	50	59	67	67	120	87	76	80	81	84	59	48
19	55	60	66	68	100	261	73	79	77	84	66	51
20	55	61	66	70	86	154	97	61	72	55	87	55
21	55	61	65	65	78	132	575	71	112	51	89	55
22	55	100	65	67	75	117	713	69	89	71	68	70
23	57	80	73	283	388	160	202	66	71	76	66	81
24	56	70	96	177	318	113	144	55	68	220	62	85
25	60	60	70	109	450	116	125	65	66	120	59	67
26	60	65	68	94	700	224	105	80	69	75	56	57
27	65	59	68	86	400	136	99	70	81	65	548	208
28	65	65	142	85	200	112	94	80	74	61	416	170
29	60	65	201	80	163	102	92	110	65	58	135	106
30	65	70	104	78	---	100	90	170	138	55	92	81
31	70	---	86	76	---	98	---	80	---	54	78	---
TOTAL	1913	2012	2592	2898	4432	4296	3915	3218	2850	2172	3283	2286
MEAN	61.7	67.1	83.6	93.5	153	139	130	104	95.0	70.1	106	76.2
MAX	108	114	201	283	700	308	713	357	300	220	548	208
MIN	50	55	65	65	63	87	73	55	65	48	48	48
CFSM	.82	.89	1.11	1.24	2.02	1.83	1.73	1.37	1.26	.93	1.40	1.01
IN.	.94	.99	1.28	1.43	2.18	2.11	1.93	1.58	1.40	1.07	1.62	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	137	87.4	107	141	171	182	171	147	104	88.0	98.8	71.5
MAX	221	102	138	181	253	218	270	245	143	117	150	81.2
(WY)	1991	1991	1990	1991	1990	1990	1991	1991	1989	1991	1991	1990
MIN	61.7	67.1	83.6	93.5	108	139	111	93.0	62.0	70.1	57.3	58.1
(WY)	1992	1992	1992	1992	1991	1992	1990	1990	1990	1992	1989	1989

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	50637	35867	126
ANNUAL MEAN	139	98.0	156
HIGHEST ANNUAL MEAN			156
LOWEST ANNUAL MEAN			98.0
HIGHEST DAILY MEAN	1030	713	1800
LOWEST DAILY MEAN	50	48	33
ANNUAL SEVEN-DAY MINIMUM	55	51	36
INSTANTANEOUS PEAK FLOW		1170	2360
INSTANTANEOUS PEAK STAGE		8.91	12.51
ANNUAL RUNOFF (CFSM)	1.84	1.30	1.66
ANNUAL RUNOFF (INCHES)	24.92	17.65	22.60
10 PERCENT EXCEEDS	239	150	197
50 PERCENT EXCEEDS	100	75	85
90 PERCENT EXCEEDS	60	56	58

SANTEE RIVER BASIN

02156450 NEALS CREEK NEAR CARLISLE, SC

LOCATION.--Lat 34°39'53'', long 81°27'28'', Union County, Hydrologic Unit 03050106, at center span, downstream side of bridge on County Road 86, 5.1 mi north of Carlisle, and 10.3 mi southeast of Union.

DRAINAGE AREA.--12.3 mi², approximately.

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

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Dec. 1 - 13, Dec. 25 to Jan. 28, and June 8 to July 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	2.2	3.9	7.0	5.0	10	12	5.9	4.1	3.0	1.7	2.0
2	1.3	2.5	3.4	6.0	4.9	9.3	11	5.6	4.0	3.5	3.4	3.2
3	1.4	2.3	10	8.5	5.1	8.5	9.9	5.3	4.0	3.2	2.2	4.8
4	1.3	2.4	16	7.5	5.1	8.1	9.6	5.0	4.8	2.8	2.0	3.9
5	1.4	2.3	10	6.5	5.2	7.7	8.9	4.7	4.0	2.5	1.9	18
6	1.4	2.3	8.0	5.5	5.2	47	8.4	6.0	3.7	2.3	2.0	22
7	1.4	2.4	7.5	4.6	5.2	62	8.5	9.4	7.8	2.2	2.2	8.4
8	1.4	2.4	7.0	4.4	5.1	30	8.2	21	12	2.2	1.9	6.4
9	1.6	2.7	5.0	4.4	5.1	19	8.1	16	10	2.1	1.9	5.6
10	1.6	7.0	4.4	4.2	5.2	17	7.7	9.4	8.0	1.8	1.7	5.1
11	1.6	3.4	3.8	3.9	5.0	15	7.5	7.0	6.5	1.6	1.6	5.6
12	1.6	2.8	3.6	3.8	5.2	12	7.2	6.1	6.0	1.5	1.5	4.7
13	1.6	2.6	3.1	4.0	5.3	11	6.6	5.7	6.5	1.5	5.8	4.5
14	1.7	2.5	2.9	4.6	5.3	9.9	6.6	5.4	7.5	1.4	5.4	4.5
15	1.9	2.5	2.7	3.9	12	9.1	6.6	4.8	5.5	1.4	2.9	4.4
16	1.9	2.5	2.7	3.4	14	8.5	6.5	4.5	5.2	1.3	2.6	4.4
17	1.8	2.7	2.9	3.2	8.6	8.4	6.1	4.2	4.8	1.3	4.7	4.5
18	1.7	2.5	3.0	3.2	8.8	8.1	5.9	4.2	4.4	1.3	2.9	4.5
19	1.7	2.7	3.0	3.6	8.8	16	5.8	4.1	4.2	1.4	2.4	4.6
20	1.6	2.7	3.5	3.4	7.4	15	9.0	4.1	3.8	1.4	3.0	4.6
21	1.6	2.7	3.5	3.2	6.8	13	22	4.1	3.6	1.6	3.3	4.7
22	1.7	3.1	3.3	3.2	6.6	12	20	4.0	3.6	3.4	2.4	4.8
23	1.7	2.7	3.4	32	17	31	10	3.9	3.4	5.1	2.4	4.6
24	1.7	2.5	4.6	30	16	19	8.2	3.8	3.4	2.5	2.2	7.5
25	1.7	2.5	4.2	20	40	21	7.4	3.9	3.3	2.3	2.1	6.0
26	1.9	2.3	4.0	10	135	144	6.8	4.1	3.3	2.1	2.1	5.7
27	2.0	2.4	5.0	8.0	42	47	6.7	4.2	3.2	2.0	2.9	10
28	2.1	2.5	7.0	6.0	22	27	6.6	3.9	3.0	2.0	3.0	7.6
29	2.0	2.5	21	5.1	14	19	6.2	5.4	2.7	1.9	2.1	6.2
30	2.0	2.2	9.0	5.0	---	16	6.1	5.8	2.5	1.8	2.1	5.5
31	2.1	---	8.0	5.0	---	15	---	4.5	---	1.7	2.1	---
TOTAL	51.6	80.8	179.4	223.1	430.9	695.6	260.1	186.0	148.8	66.1	80.4	188.3
MEAN	1.66	2.69	5.79	7.20	14.9	22.4	8.67	6.00	4.96	2.13	2.59	6.28
MAX	2.1	7.0	21	32	135	144	22	21	12	5.1	5.8	22
MIN	1.2	2.2	2.7	3.2	4.9	7.7	5.8	3.8	2.5	1.3	1.5	2.0
CFSM	.14	.22	.47	.59	1.21	1.82	.70	.49	.40	.17	.21	.51
IN.	.16	.24	.54	.67	1.30	2.10	.79	.56	.45	.20	.24	.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	7.57	8.45	13.2	20.5	24.4	23.4	13.7	9.46	4.87	3.27	4.55	2.85
MEAN	7.57	8.45	13.2	20.5	24.4	23.4	13.7	9.46	4.87	3.27	4.55	2.85
MAX	27.3	33.8	31.4	33.9	47.6	48.5	24.6	29.8	11.0	5.88	12.8	7.41
(WY)	1990	1986	1990	1984	1990	1983	1991	1984	1982	1989	1991	1987
MIN	1.57	2.69	3.44	4.63	7.06	7.31	4.69	2.86	2.08	1.26	.87	1.18
(WY)	1988	1992	1989	1989	1986	1985	1985	1985	1990	1988	1987	1991

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	5138.40	2591.1	11.2
ANNUAL MEAN	14.1	7.08	17.3
HIGHEST ANNUAL MEAN			5.66
LOWEST ANNUAL MEAN			1985
HIGHEST DAILY MEAN	290	Mar 3	345
LOWEST DAILY MEAN	.92	Sep 18	.27
ANNUAL SEVEN-DAY MINIMUM	.96	Sep 14	.54
INSTANTANEOUS PEAK FLOW			1090
INSTANTANEOUS PEAK STAGE			* 11.68
INSTANTANEOUS LOW FLOW			.24
ANNUAL RUNOFF (CFSM)	1.14		.91
ANNUAL RUNOFF (INCHES)	15.54		12.42
10 PERCENT EXCEEDS	32		23
50 PERCENT EXCEEDS	6.0		5.0
90 PERCENT EXCEEDS	1.4		1.5

* Caused by backwater from the Broad River.

** Also occurred on Oct. 2.

*** Also occurred on Aug. 30, 31, 1987.

SANTÉE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE. SC

LOCATION.--Lat 34°35'46'', long 81°25'20'', Union County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Highway 72, 1.3 mi upstream from Sandy River, 2.0 mi downstream from Seaboard Coast Line Railroad bridge, 2.5 mi east of Carlisle, 5.0 mi downstream from Neals Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 892: 1939(M), drainage area.

GAGE.--Data collection platform. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for the period Oct. 1 to May 22, which are fair, and estimated daily discharges, Nov. 3 - 5, Jan. 20, which are poor. 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1270	1440	1950	2300	2220	5740	3200	2820	3750	3380	1530	2020
2	1870	1900	2460	2300	2310	4480	3220	3320	2550	3420	1990	1790
3	2230	1560	2720	2720	2210	3660	3200	2650	2900	3200	1560	2030
4	1880	1970	3510	3140	1980	3460	2590	2780	2770	3150	1180	2150
5	1970	1700	3880	3780	2020	3760	2560	2470	5130	2560	1610	2480
6	1910	1410	3130	3440	2190	3550	2670	2720	7960	2610	1380	3000
7	1750	1560	2150	2990	2200	9420	2830	3240	5290	1910	1500	3050
8	1700	1820	2270	2780	2320	10900	2810	5080	4380	2510	1990	3030
9	1700	1670	2200	2390	1880	7690	2680	12900	3920	2240	1740	2460
10	1390	1870	1950	2580	1950	5720	2690	11000	4860	2180	1650	2290
11	1770	2160	1970	2290	2000	5020	2700	6760	6370	1880	1100	2370
12	2020	2110	2070	2160	1920	5050	2680	5370	8990	2080	1480	2570
13	1550	1840	2080	2370	1960	4630	2780	4140	9050	1800	1790	2400
14	1400	2070	2130	1880	2350	3850	2840	3810	9510	1860	3450	2040
15	1640	2120	2040	2190	2000	3470	2820	4020	9180	1700	5320	1570
16	1770	1570	2080	2520	3110	3230	2910	3430	8300	1920	3440	1900
17	1980	1850	1860	2190	3560	2880	2550	2940	6540	1610	2050	1950
18	1760	1780	1510	1850	2980	3010	2690	2850	4840	1610	2320	1700
19	1340	1760	1920	2190	2930	3810	2460	2830	4900	1840	2230	1900
20	1850	1610	2110	1900	2850	4550	2740	3380	4440	1830	2210	1360
21	1420	2120	1750	1740	2160	4780	4870	2850	3710	1840	2730	2100
22	1560	2090	2250	1850	2570	4400	20000	2830	3160	2760	3250	1960
23	1610	1880	1970	2490	2310	4150	20700	2750	3400	2730	2920	2030
24	1640	1860	2110	3720	5100	4130	8980	2440	3160	1810	2070	2670
25	1750	2310	2130	4660	7090	3670	6530	2160	2900	2880	2460	2420
26	1560	2060	2000	3720	17300	6920	5170	2270	2630	1920	2000	1760
27	1720	1410	1990	2790	22900	8210	4040	2400	3060	2180	2190	2060
28	1670	1710	1770	2390	13500	5660	3500	2820	3060	1630	2620	2790
29	1540	1740	3380	2940	7840	4440	3490	2730	2830	1750	3060	4140
30	1890	1650	2830	2580	---	3750	3150	3200	2740	1870	3060	3480
31	1570	---	2780	2280	---	3670	---	4030	---	1680	1930	---
TOTAL	52680	54600	70950	81120	127710	151660	136050	118990	146280	68340	69810	69470
MEAN	1699	1820	2289	2617	4404	4892	4535	3838	4876	2205	2252	2316
MAX	2230	2310	3880	4660	22900	10900	20700	12900	9510	3420	5320	4140
MIN	1270	1410	1510	1740	1880	2880	2460	2160	2550	1610	1100	1360
CFSM	.61	.65	.82	.94	1.58	1.75	1.63	1.38	1.75	.79	.81	.83
IN.	.70	.73	.95	1.08	1.70	2.02	1.81	1.59	1.95	.91	.93	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992. BY WATER YEAR (WY)

MEAN	3183	3037	3833	4764	5751	6218	5240	3948	3257	2876	2975	2549
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

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1939 - 1992

ANNUAL TOTAL	1474370		1147660				
ANNUAL MEAN	4039		3136			3961	
HIGHEST ANNUAL MEAN						5977	1965
LOWEST ANNUAL MEAN						1980	1988
HIGHEST DAILY MEAN	34300	Mar 31	22900	Feb 27	114000		Oct 10 1976
LOWEST DAILY MEAN	1270	Oct 1	1100	Aug 11	44		Sep 2 1956
ANNUAL SEVEN-DAY MINIMUM	1600	Oct 19	1540	Aug 1	475		Oct 15 1954
INSTANTANEOUS PEAK FLOW			25500	Apr 22	* 123000		Oct 10 1976
INSTANTANEOUS PEAK STAGE			13.52	Apr 22	31.51		Oct 10 1976
INSTANTANEOUS LOW FLOW			169	Aug 11	37		Aug 29 1955
ANNUAL RUNOFF (CFSM)	1.45		1.12		1.42		
ANNUAL RUNOFF (INCHES)	19.66		15.30		19.29		
10 PERCENT EXCEEDS	7040		5030		6740		
50 PERCENT EXCEEDS	3190		2450		2910		
90 PERCENT EXCEEDS	1720		1660		1390		

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

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

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 16 microsiemens, Mar. 18, 1990.

pH: Maximum, 9.2 units, June 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992.

WATER TEMPERATURE: Maximum, 35.5°C, July 13, 1992; minimum, less than 0.5°C, Dec. 24-26, 1989.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980; minimum, 3.2 mg/L, Aug. 30, 1988.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 246 microsiemens, Aug. 11; minimum, 51 microsiemens, Apr. 25, 26.

pH: Maximum, 8.0 units, July 12; minimum, 5.1 units, Aug. 6, 7.

WATER TEMPERATURE: Maximum, 35.5°C, July 13; minimum, 4.0°C, Jan. 21, 22.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Jan. 19; minimum, 5.1 mg/L, July 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	141	136	139	142	127	137	82	80	80
2	---	---	---	143	135	139	138	128	133	82	81	81
3	135	127	130	---	---	---	135	100	120	83	79	81
4	135	127	131	---	---	---	105	94	100	87	82	84
5	129	120	126	148	138	142	94	81	86	91	87	89
6	135	126	131	138	129	136	89	82	85	88	82	86
7	137	126	133	133	127	130	89	87	88	82	76	78
8	132	121	128	137	132	134	109	89	97	82	74	78
9	130	119	123	137	126	133	108	104	106	91	82	87
10	134	129	131	131	126	129	111	106	109	105	90	96
11	134	127	130	144	130	140	112	109	111	112	104	106
12	147	130	139	149	142	145	122	111	118	113	109	111
13	147	139	142	143	128	136	124	113	120	114	109	112
14	144	129	138	135	126	129	130	113	122	110	106	108
15	145	132	141	137	133	135	133	128	130	106	101	103
16	143	135	138	133	125	128	131	123	128	107	104	106
17	139	133	135	136	128	130	130	122	127	116	107	110
18	147	139	142	158	136	151	129	122	126	120	113	116
19	148	138	143	150	135	142	123	120	122	118	114	116
20	139	125	133	135	126	131	142	117	130	---	---	---
21	187	132	149	127	125	126	140	125	130	130	120	125
22	157	146	148	145	127	138	132	127	130	131	114	121
23	147	140	143	140	132	134	128	123	126	120	111	115
24	146	138	141	141	133	137	123	109	115	113	106	110
25	143	139	141	152	132	140	109	104	107	115	101	108
26	151	140	146	138	118	125	107	102	104	101	94	98
27	145	141	144	121	116	118	105	90	97	95	90	92
28	157	145	152	123	116	119	97	83	87	102	92	95
29	157	145	150	131	123	128	83	77	80	102	96	99
30	149	141	146	133	125	129	83	78	80	97	94	96
31	141	136	139	---	---	---	81	79	80	108	93	98
MONTH	187	119	138	158	116	134	142	77	111	131	74	100

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	119	108	113	73	60	68	88	86	87	92	84	89
2	127	119	124	81	73	78	105	88	99	92	88	90
3	129	122	126	83	78	80	102	96	99	94	91	92
4	125	117	122	88	81	83	104	97	102	106	92	99
5	117	113	115	91	87	89	105	98	101	107	98	104
6	114	111	112	91	79	87	113	105	111	104	92	96
7	128	111	121	86	63	74	113	106	109	103	93	99
8	128	126	127	81	59	69	109	103	106	103	59	98
9	---	---	---	70	60	67	112	103	107	---	---	---
10	---	---	---	70	66	69	111	103	107	---	---	---
11	---	---	---	80	70	76	111	105	107	---	---	---
12	138	127	132	87	78	83	116	108	111	---	---	---
13	135	122	129	89	80	84	117	114	115	---	---	---
14	139	133	136	88	83	85	115	109	110	---	---	---
15	143	129	139	98	88	90	111	105	108	---	---	---
16	133	124	129	98	89	93	108	103	105	---	---	---
17	129	120	124	93	89	90	117	100	107	---	---	---
18	120	109	113	102	93	98	119	111	116	---	---	---
19	109	106	107	103	93	97	125	116	119	---	---	---
20	114	104	108	100	89	92	120	108	114	---	---	---
21	114	110	112	94	90	91	110	64	95	98	93	95
22	128	114	123	95	91	93	---	---	---	101	94	96
23	129	121	125	94	86	89	---	---	---	109	101	104
24	124	80	111	90	87	88	---	---	---	107	101	102
25	---	---	---	90	78	89	54	51	52	111	103	107
26	---	---	---	82	71	78	59	51	54	115	106	110
27	---	---	---	79	70	75	70	59	65	118	108	114
28	---	---	---	85	78	81	76	69	72	108	97	100
29	---	---	---	86	83	84	79	73	76	109	98	103
30	---	---	---	93	85	87	84	77	80	110	105	107
31	---	---	---	111	88	93	---	---	---	111	98	106
MONTH	143	80	121	111	59	84	125	51	98	118	59	101
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	98	90	92	97	80	89	132	123	127	108	104	106
2	103	90	92	83	77	81	141	71	122	110	98	103
3	106	90	98	83	77	81	147	141	144	100	93	97
4	106	100	103	80	76	78	152	144	148	103	93	98
5	107	68	99	80	77	79	151	130	143	113	102	106
6	---	---	---	79	76	78	145	132	141	111	86	103
7	79	72	77	80	76	78	144	137	140	103	86	97
8	88	79	84	82	78	80	152	136	142	99	83	86
9	95	87	89	88	81	83	170	152	158	90	81	86
10	---	---	---	91	85	88	178	153	163	90	81	84
11	---	---	---	100	91	98	246	146	174	86	79	82
12	---	---	---	105	96	101	233	141	167	98	86	93
13	---	---	---	130	105	113	149	111	139	107	97	104
14	---	---	---	120	113	116	134	123	127	101	92	96
15	---	---	---	122	116	118	132	88	108	97	93	94
16	---	---	---	126	117	120	90	86	88	94	90	93
17	---	---	---	188	119	131	97	90	92	90	86	88
18	---	---	---	127	119	123	112	94	103	112	90	103
19	---	---	---	131	127	129	114	106	112	110	103	106
20	---	---	---	141	131	135	112	105	108	122	105	115
21	---	---	---	140	129	135	114	107	112	123	114	119
22	96	86	90	131	119	127	127	91	107	133	118	125
23	99	94	96	124	112	118	129	104	120	130	106	118
24	96	93	94	117	110	114	113	105	110	108	102	105
25	100	94	96	127	112	120	111	105	108	102	97	99
26	107	95	100	135	116	128	115	106	109	112	99	105
27	118	105	110	122	116	121	108	97	103	111	103	106
28	118	107	113	133	119	126	113	107	110	152	106	116
29	110	100	106	134	118	124	115	99	107	148	82	112
30	103	97	101	135	124	128	115	105	110	82	78	80
31	---	---	---	135	124	128	111	103	105	---	---	---
MONTH	118	68	96	188	76	109	246	71	124	152	78	101
YEAR	246	51	110									

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.6	6.9	7.1	6.2	7.4	7.2	7.2	7.0	7.5	7.2	7.2	6.7
2	7.1	7.0	7.2	7.0	7.3	7.2	7.3	7.1	7.5	6.9	7.1	6.6
3	7.0	6.9	---	---	7.3	7.2	7.3	7.1	7.5	6.6	7.2	6.3
4	7.2	6.9	---	---	7.2	7.2	7.2	7.0	7.4	6.3	7.2	6.2
5	7.1	6.9	7.3	7.0	7.2	7.2	7.0	6.9	6.7	6.2	6.9	6.3
6	7.2	6.9	7.1	6.9	7.3	7.2	6.9	6.8	6.7	6.0	7.3	6.6
7	7.2	6.9	7.1	7.0	7.4	7.2	6.9	6.6	7.4	5.9	7.1	7.1
8	7.2	6.8	7.1	7.0	7.5	7.1	7.0	6.6	7.1	5.6	7.1	7.1
9	7.2	6.7	7.2	6.9	7.5	7.1	7.0	6.6	---	---	7.1	7.0
10	7.2	6.9	7.2	7.1	7.5	7.0	7.1	6.5	---	---	7.1	6.9
11	7.2	6.9	7.2	7.1	7.3	6.8	7.0	6.6	---	---	7.2	7.1
12	7.2	6.7	7.2	7.1	7.2	6.7	7.2	6.6	7.0	5.4	7.2	7.0
13	7.2	6.6	7.2	7.1	7.2	6.5	7.2	6.5	6.3	5.4	7.1	6.7
14	7.2	6.4	7.2	7.1	7.3	6.7	7.2	6.5	6.8	5.5	7.0	6.5
15	7.0	6.6	7.2	7.0	7.2	6.8	7.3	6.3	7.5	6.1	7.0	6.2
16	7.0	6.6	7.3	7.0	7.5	6.9	7.2	6.7	7.3	7.2	7.3	6.1
17	7.1	6.3	7.2	6.9	7.6	6.8	7.1	6.7	7.2	7.2	7.2	6.0
18	7.1	6.3	7.0	6.7	7.6	6.9	7.0	6.5	7.2	7.2	7.3	6.0
19	7.1	6.2	7.1	6.7	7.3	6.5	7.3	7.0	7.3	7.2	7.3	7.0
20	7.1	6.3	7.2	6.8	7.3	6.5	---	---	7.3	7.2	7.3	7.1
21	7.4	6.3	7.1	6.8	7.2	6.7	7.5	6.1	7.5	7.2	7.1	7.1
22	7.4	6.4	7.2	6.9	7.3	6.4	7.6	6.0	7.4	7.0	7.1	7.1
23	7.3	6.6	7.4	7.0	7.3	6.8	7.5	6.6	7.4	7.1	7.1	7.1
24	7.6	6.7	7.4	7.0	7.6	7.1	7.4	7.1	7.3	7.1	7.1	7.0
25	7.3	6.6	7.1	6.5	7.6	7.4	7.1	6.9	7.1	7.1	7.1	6.9
26	7.1	6.5	7.2	6.2	7.5	7.1	7.5	6.6	7.1	6.9	7.1	7.0
27	7.0	6.4	7.2	6.0	7.6	6.8	7.4	6.5	7.0	6.9	7.0	7.0
28	7.0	6.4	7.3	5.9	7.4	6.6	7.4	7.3	7.2	7.0	7.0	6.6
29	7.2	6.4	7.3	6.2	7.4	7.3	7.4	7.3	7.2	6.9	6.9	6.4
30	7.0	6.3	7.3	6.3	7.4	7.0	7.4	7.3	---	---	7.1	6.4
31	7.0	6.3	---	---	7.3	6.8	7.4	7.3	---	---	7.1	7.0
MONTH	7.6	6.2	7.4	5.9	7.6	6.4	7.6	6.0	7.5	5.4	7.3	6.0
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.6	7.0	6.8	7.3	7.2	7.4	7.0	7.5	5.6	7.8	7.3
2	7.0	6.0	7.0	6.7	7.4	7.2	7.3	7.2	7.6	5.6	7.8	7.0
3	7.1	5.6	7.1	6.6	7.3	6.9	7.6	7.3	7.7	6.0	7.4	7.2
4	7.0	5.5	7.2	6.5	7.3	7.2	7.4	7.3	7.8	7.1	7.3	7.2

SANTÉE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTÉE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.5	18.0	19.0	28.0	27.0	27.5	31.5	29.0	30.0	---	---	---
2	21.0	19.0	20.0	27.0	26.0	26.5	30.0	26.0	28.5	---	---	---
3	21.5	20.0	20.5	28.0	26.5	27.0	30.5	28.5	29.5	28.5	27.0	27.5
4	21.0	20.5	20.5	28.5	26.5	27.5	31.0	27.5	29.5	28.0	27.0	27.5
5	21.5	20.5	21.0	30.0	27.0	28.5	31.0	28.0	29.5	28.5	28.0	28.0
6	21.0	19.5	20.5	31.0	28.5	29.5	29.0	28.0	28.5	28.0	27.0	27.0
7	22.5	20.5	21.5	31.5	28.5	30.0	28.0	26.5	27.5	27.0	26.5	26.5
8	24.0	22.0	23.0	31.5	28.5	30.0	27.5	26.5	27.0	27.5	26.5	27.0
9	23.5	22.5	23.0	32.0	29.0	30.5	28.0	26.5	27.0	28.5	27.5	28.0
10	23.0	22.5	23.0	32.5	29.5	31.0	28.5	27.0	27.5	30.0	27.5	28.5
11	22.5	21.0	22.0	33.0	30.0	31.5	31.5	27.5	29.5	28.5	28.0	28.5
12	21.0	19.5	20.5	34.0	30.5	32.0	31.0	28.0	29.5	28.5	27.5	28.0
13	19.5	19.0	19.5	35.5	31.0	33.0	29.0	26.0	28.0	28.0	26.5	27.0
14	20.0	19.0	19.5	34.0	31.5	32.5	26.5	25.0	25.5	27.5	25.5	26.5
15	21.0	19.5	20.0	34.5	30.5	32.0	25.0	23.5	24.0	27.5	25.0	26.0
16	22.0	20.5	21.5	33.5	30.0	31.5	25.0	23.5	24.0	27.0	24.5	25.5
17	23.5	21.5	22.5	33.5	29.5	31.5	25.0	24.0	24.5	27.5	25.0	26.0
18	24.5	22.5	23.5	32.5	29.5	31.0	25.5	24.0	24.5	28.0	25.5	26.5
19	24.5	22.5	23.5	31.5	28.5	30.0	26.0	25.0	25.5	27.5	25.5	26.5
20	25.5	23.0	24.5	32.5	29.0	30.5	26.0	25.5	26.0	28.0	26.5	27.0
21	26.0	24.0	25.0	32.5	29.0	30.5	26.0	25.0	25.5	27.5	26.0	26.5
22	25.0	23.5	24.5	32.0	29.0	30.0	25.5	24.5	25.0	28.0	26.0	27.0
23	24.5	23.5	24.0	29.0	27.5	28.0	25.5	25.0	25.5	27.0	25.0	26.0
24	25.5	23.0	24.5	29.0	27.5	28.0	26.0	25.0	25.5	25.0	23.0	24.0
25	26.5	24.5	25.5	29.5	27.5	28.5	26.5	24.5	25.5	23.0	22.0	22.5
26	29.0	26.0	27.0	31.5	29.0	30.0	27.0	25.5	26.5	22.0	21.5	21.5
27	28.0	27.0	27.5	31.5	29.5	30.0	---	---	---	22.5	21.5	22.0
28	28.5	27.5	28.0	31.0	29.0	30.0	---	---	---	23.0	22.5	22.5
29	28.0	27.0	27.5	32.0	29.0	30.0	---	---	---	23.0	22.0	22.5
30	28.0	27.0	27.5	32.0	28.5	30.0	---	---	---	22.5	21.5	22.0
31	---	---	---	32.0	29.0	30.5	---	---	---	---	---	---
MONTH YEAR	29.0 35.5	18.0 4.0	23.0 17.5	35.5	26.0	30.0	31.5	23.5	27.0	30.0	21.5	26.0

SANTÉE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTÉE 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.--Water-stage recorder. Datum of gage is 594.34 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Nov. 11 - 13, 19 - 22, Nov. 24 to Dec. 10, 13 - 17, Dec. 19 to Jan. 24, Feb. 28 to Mar. 2, June 4 - 9, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	12	18	17	15	30	24	22	18	17	10	11
2	12	14	16	16	15	27	23	21	18	17	9.6	11
3	12	11	45	55	15	24	22	20	18	18	9.6	11
4	11	11	21	22	15	23	22	19	75	14	9.5	24
5	11	11	17	20	15	22	22	19	40	13	9.2	82
6	16	11	16	19	14	185	21	77	20	13	9.1	31
7	11	11	16	18	14	71	23	89	19	13	9.9	16
8	11	11	15	17	14	36	22	196	20	13	16	12
9	11	14	16	17	14	30	21	56	23	12	10	14
10	11	64	16	17	14	73	21	31	52	12	8.9	12
11	11	35	12	16	14	37	21	26	22	12	9.1	14
12	11	18	12	16	14	28	28	24	26	11	36	11
13	10	15	16	16	14	27	24	24	19	11	158	10
14	10	12	15	19	14	25	20	22	33	11	35	10
15	11	12	15	16	108	24	41	21	19	11	15	10
16	11	12	14	16	64	23	57	20	17	10	12	10
17	10	12	14	16	30	22	21	19	17	10	11	10
18	11	12	12	16	43	24	20	22	17	38	11	9.6
19	10	15	14	15	28	145	19	22	17	28	49	9.5
20	9.9	15	13	16	20	56	46	19	16	12	39	10
21	10	14	13	16	18	32	344	18	37	11	22	10
22	11	19	15	16	17	30	82	18	19	35	16	19
23	12	15	30	70	225	64	37	17	16	76	14	15
24	11	14	19	30	57	29	35	17	15	100	12	36
25	11	14	15	20	314	41	32	16	15	17	12	13
26	10	15	14	18	241	97	25	21	32	14	11	11
27	10	15	15	17	57	33	23	26	28	12	37	141
28	11	14	42	19	45	28	23	17	78	11	86	42
29	10	14	30	16	35	26	22	64	18	10	15	20
30	10	15	20	16	---	28	22	62	16	10	12	13
31	10	---	18	15	---	26	---	21	---	10	11	---
TOTAL	338.9	477	564	633	1503	1366	1163	1066	780	602	724.9	648.1
MEAN	10.9	15.9	18.2	20.4	51.8	44.1	38.8	34.4	26.0	19.4	23.4	21.6
MAX	16	64	45	70	314	185	344	196	78	100	158	141
MIN	9.9	11	12	15	14	22	19	16	15	10	8.9	9.5
CFSM	.46	.67	.77	.87	2.20	1.87	1.64	1.46	1.10	.82	.99	.92
IN.	.53	.75	.89	1.00	2.37	2.15	1.83	1.68	1.23	.95	1.14	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1992, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	39.4	24.2	27.1	35.7	51.0	54.2	48.0	42.8	27.6	20.7	21.3	21.9
MAX	102	28.9	46.1	53.7	86.5	63.6	90.1	70.9	49.6	26.8	32.0	26.2
(WY)	1991	1990	1990	1990	1990	1991	1991	1991	1989	1991	1991	1989
MIN	10.9	15.9	15.1	17.0	30.4	44.1	30.3	28.2	14.0	12.6	14.9	18.2
(WY)	1992	1992	1989	1989	1991	1992	1989	1990	1990	1988	1989	1991

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1988 - 1992

ANNUAL TOTAL	13858.9	9865.9	
ANNUAL MEAN	38.0	27.0	
HIGHEST ANNUAL MEAN			34.8
LOWEST ANNUAL MEAN			47.6
HIGHEST DAILY MEAN	625	Mar 29	27.0
LOWEST DAILY MEAN	9.9	Oct 20	1991
ANNUAL SEVEN-DAY MINIMUM	10	Oct 25	1992
INSTANTANEOUS PEAK FLOW			1630
INSTANTANEOUS PEAK STAGE			8.9
INSTANTANEOUS LOW FLOW			Aug 10
ANNUAL RUNOFF (CFSM)	1.61		9.6
ANNUAL RUNOFF (INCHES)	21.85		Aug 1
10 PERCENT EXCEEDS	72		Aug 21
50 PERCENT EXCEEDS	24		8.41
90 PERCENT EXCEEDS	11		Apr 21
			Aug 12
			2670
			12.13
			5.8
			1.47
			20.03
			62
			19
			10

SANTEE RIVER BASIN
02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07'', long 81°32'54'', Union County, Hydrologic Unit 03050107, on upstream side of bridge on State Highway 72 and 121, 0.9 mi downstream from Seaboard Coast Line Railroad, 0.8 mi southeast of Delta, and at mile 9.0.

DRAINAGE AREA.--759 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.-- Records good except for estimated daily discharges, Oct. 30 to Nov. 1, 3 - 5, Jan. 11, 12, 20, 26, 27, May 14 to June 3, 10, 11, Sept. 24 - 27, 29, 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	336	376	459	748	513	1470	828	621	590	707	275	356
2	359	389	468	569	488	1170	765	587	540	808	308	400
3	403	398	495	572	454	998	713	542	500	540	250	456
4	396	405	622	677	442	881	678	499	480	504	233	396
5	386	399	698	749	439	814	650	483	655	479	225	372
6	373	395	609	626	429	998	599	481	818	437	237	601
7	361	397	546	543	421	2950	594	595	672	409	255	790
8	397	397	519	506	414	2680	594	1040	577	385	260	587
9	391	407	487	498	477	1620	588	1610	638	365	252	477
10	379	477	468	496	405	1230	569	1740	1120	340	246	434
11	384	557	465	488	380	1210	564	1220	838	327	234	406
12	379	564	429	463	383	1160	543	984	727	316	220	385
13	371	483	431	447	382	979	539	881	750	290	263	374
14	353	464	452	444	379	876	540	780	1120	262	521	355
15	350	457	472	417	433	776	526	700	1340	248	839	333
16	353	438	461	413	796	711	515	660	865	241	719	322
17	367	430	433	425	1080	667	567	600	762	237	565	310
18	363	423	426	425	913	637	540	570	657	249	492	301
19	358	418	417	429	897	808	490	540	587	272	449	302
20	354	418	410	415	794	1380	517	520	583	313	437	299
21	350	430	406	404	687	1400	1490	500	596	293	586	290
22	349	437	412	396	582	1150	2810	490	543	254	542	276
23	362	441	414	504	611	1280	3220	470	553	281	567	288
24	368	459	449	1010	1500	1400	1920	460	504	459	516	401
25	371	457	536	1070	2020	1120	1190	450	467	594	487	490
26	373	433	503	838	3500	2660	973	440	447	494	481	480
27	378	412	452	664	5640	2180	871	430	438	423	448	430
28	382	410	449	621	5890	1420	773	420	525	377	473	564
29	385	404	809	598	2860	1110	716	430	535	346	551	750
30	373	412	1060	556	---	974	664	450	546	294	518	850
31	370	---	796	534	---	894	---	520	---	289	387	---
TOTAL	11474	12987	16053	17545	34209	39603	26546	20713	19973	11833	12836	13075
MEAN	370	433	518	566	1180	1278	885	668	666	382	414	436
MAX	403	564	1060	1070	5890	2950	3220	1740	1340	808	839	850
MIN	336	376	406	396	379	637	490	420	438	237	220	276
CFSM	.49	.57	.68	.75	1.55	1.68	1.17	.88	.88	.50	.55	.57
IN.	.56	.64	.79	.86	1.68	1.94	1.30	1.02	.98	.58	.63	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	MEAN	863	811	1025	1496	1495	1787	1293	1051	735	606	568	517
MAX	3011	2519	2354	3020	2683	3544	2379	2363	1517	1507	1256	1342	
(WY)	1991	1986	1984	1978	1979	1980	1979	1984	1975	1984	1991	1975	
MIN	233	328	358	539	603	742	515	386	232	186	136	246	
(WY)	1988	1982	1989	1989	1986	1985	1986	1988	1988	1986	1988	1981	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1974 - 1992	
ANNUAL TOTAL	392890		236847		1019	
ANNUAL MEAN	1076		647		1437	
HIGHEST ANNUAL MEAN					538	
LOWEST ANNUAL MEAN					26000	
HIGHEST DAILY MEAN	7720	May 21	5890	Feb 28	112	Oct 10 1976
LOWEST DAILY MEAN	336	Oct 1	220	Aug 12	98	Aug 28 1988
ANNUAL SEVEN-DAY MINIMUM	356	Oct 16	243	Aug 6	112	Aug 23 1988
INSTANTANEOUS PEAK FLOW			6530	Feb 28	30300	Oct 11 1976
INSTANTANEOUS PEAK STAGE			13.88	Feb 28	26.31	Oct 11 1976
INSTANTANEOUS LOW FLOW			216	Aug 12	96	Aug 28 1988
ANNUAL RUNOFF (CFSM)	1.42		.85		1.34	
ANNUAL RUNOFF (INCHES)	19.26		11.61		18.24	
10 PERCENT EXCEEDS	1900		1070		1800	
50 PERCENT EXCEEDS	775		485		724	
90 PERCENT EXCEEDS	382		331		301	

SANTÉE 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, 147 microsiemens, Aug. 8; minimum, 54 microsiemens, Feb. 27.

pH: Maximum 7.9 units, July 17, 22; minimum, 6.4 units, Nov. 22.

WATER TEMPERATURE: Maximum, 31.0°C, July 13; minimum, 2.0°C, Dec. 20.

DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Feb. 10; minimum 6.2 mg/L, July 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	106	97	102	89	81	84
2	---	---	---	117	114	116	97	94	96	94	89	93
3	113	106	110	---	---	---	94	91	93	98	94	96
4	116	112	114	---	---	---	94	89	91	98	96	97
5	117	113	115	---	---	---	100	89	95	101	91	96
6	119	114	117	109	105	107	100	94	97	92	89	91
7	123	118	121	113	104	107	106	97	101	93	90	92
8	127	117	120	116	113	114	109	100	105	93	89	91
9	128	106	115	117	113	115	111	100	104	99	93	97
10	111	106	110	114	110	112	---	---	---	99	98	99
11	113	108	111	113	108	111	---	---	---	105	99	103
12	114	111	112	112	99	106	---	---	---	107	104	105
13	123	114	118	99	96	98	---	---	---	107	105	106
14	122	119	121	103	96	101	124	120	123	107	101	105
15	122	116	118	108	101	104	123	119	121	101	98	99
16	116	111	114	112	108	110	125	121	123	109	98	106
17	120	109	114	117	111	114	125	114	121	111	109	110
18	121	119	120	117	112	114	113	109	112	113	108	110
19	122	119	120	114	104	109	118	109	114	114	110	112
20	123	120	122	104	101	102	122	113	119	---	---	---
21	132	122	126	115	101	107	116	111	115	114	110	112
22	130	118	124	117	113	115	116	109	112	110	102	106
23	117	113	114	116	114	115	118	113	116	105	100	101
24	122	111	115	117	112	115	113	106	110	106	96	100
25	123	122	123	114	108	111	108	103	105	96	89	91
26	127	122	124	109	104	107	105	91	97	91	90	90
27	128	123	126	103	100	101	94	91	93	96	91	93
28	127	122	125	111	101	105	94	88	93	95	91	93
29	123	120	122	114	110	112	91	84	88	94	91	92
30	119	110	114	112	106	110	83	78	82	102	94	100
31	---	---	---	---	---	---	82	79	80	105	102	104
MONTH	132	106	118	117	96	109	125	78	104	114	81	99

SANTÉE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	108	103	106	79	65	71	92	83	88	102	95	97
2	108	106	107	79	70	74	96	88	91	106	96	102
3	110	106	108	80	73	77	91	89	90	104	98	100
4	107	104	105	84	76	80	93	91	93	107	98	102
5	104	102	103	90	81	84	96	93	94	102	100	101
6	112	102	108	92	65	84	96	93	94	100	97	99
7	115	112	113	66	61	63	97	93	95	103	99	102
8	117	112	115	68	62	65	96	93	95	102	91	95
9	124	109	117	71	65	68	101	95	99	94	79	88
10	109	101	105	74	68	71	101	99	99	79	72	75
11	110	106	108	79	70	74	102	98	100	78	72	75
12	107	105	106	82	73	78	113	101	106	80	78	79
13	114	106	111	85	76	80	112	100	104	86	79	82
14	117	113	115	84	77	80	105	96	100	90	86	88
15	118	109	115	90	80	84	105	94	99	94	90	91
16	118	105	109	87	82	85	109	97	103	95	93	94
17	105	89	97	95	83	91	114	101	109	98	94	96
18	89	85	87	93	84	89	117	105	109	98	95	96
19	92	86	88	96	86	92	113	105	109	101	95	98
20	93	91	92	86	74	80	109	101	105	98	96	97
21	93	92	93	78	72	75	103	77	88	103	98	101
22	97	93	95	85	77	82	82	62	72	103	99	101
23	99	97	98	86	75	82	64	59	61	104	100	102
24	99	70	85	81	76	78	77	64	72	119	103	112
25	70	65	68	84	72	79	83	73	78	120	102	109
26	67	55	59	76	58	64	90	80	85	111	102	107
27	55	54	55	78	60	70	90	85	88	109	98	104
28	58	55	57	82	70	78	91	87	89	104	98	101
29	65	58	62	89	80	86	97	88	92	104	99	101
30	---	---	---	94	87	89	97	91	95	101	99	101
31	---	---	---	91	83	87	---	---	---	110	101	104
MONTH	124	54	96	96	58	79	117	59	93	120	72	97
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	101	92	97	97	72	89	135	126	132	107	101	104
2	95	91	93	87	70	79	134	77	120	---	---	---
3	95	90	92	93	87	91	132	126	130	---	---	---
4	101	91	95	97	93	95	142	132	138	---	---	---
5	102	96	99	97	94	96	142	139	140	---	---	---
6	100	88	93	96	94	95	145	140	141	---	---	---
7	90	84	86	97	94	96	145	138	141	---	---	---
8	94	81	87	100	96	98	147	145	146	---	---	---
9	91	58	84	107	97	103	---	---	---	---	---	---
10	---	---	---	112	107	109	---	---	---	---	---	---
11	---	---	---	115	109	112	---	---	---	---	---	---
12	103	85	94	118	114	116	---	---	---	---	---	---
13	111	90	98	117	115	116	---	---	---	---	---	---
14	111	79	94	122	116	120	---	---	---	---	---	---
15	91	69	81	121	119	120	---	---	---	---	---	---
16	107	84	92	123	120	122	---	---	---	117	114	115
17	126	86	104	128	123	126	90	85	87	123	114	117
18	124	97	110	135	128	133	93	89	92	124	121	122
19	136	97	109	139	132	136	98	93	96	129	121	125
20	136	95	111	136	129	133	104	81	97	138	126	133
21	122	94	100	131	122	127	122	93	107	135	130	133
22	124	92	107	126	115	122	108	102	105	131	128	130
23	119	93	103	130	117	122	112	97	105	---	---	---
24	121	91	101	134	117	128	98	96	97	---	---	---
25	132	94	104	119	97	112	102	97	100	---	---	---
26	146	103	123	97	92	94	99	96	98	---	---	---
27	111	106	109	100	92	96	109	99	102	---	---	---
28	113	103	108	102	100	101	113	106	111	114	108	111
29	106	95	99	105	100	102	109	104	106	---	---	---
30	101	90	94	119	103	109	106	95	100	---	---	---
31	---	---	---	132	119	127	101	95	97	---	---	---
MONTH	146	58	99	139	70	110	147	77	113	138	101	121
YEAR	147	54	102									

pH (UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.0	17.5	18.0	25.0	23.5	24.0	27.5	24.5	25.5	25.5	22.0	23.5
2	19.5	16.5	18.0	25.0	22.5	24.0	28.0	21.0	24.5	24.0	22.5	23.0
3	19.5	17.5	18.5	26.0	23.5	25.0	26.5	22.5	24.5	25.0	22.5	23.5
4	19.5	18.5	19.0	26.5	24.0	25.0	28.5	23.0	25.5	26.0	22.5	24.5
5	21.0	19.0	20.0	26.5	23.5	25.0	28.5	24.5	26.5	25.5	24.0	24.5
6	22.0	19.5	20.5	27.0	24.5	25.5	26.0	24.0	25.0	24.5	23.5	24.0
7	23.0	20.5	22.0	27.0	24.5	26.0	25.5	23.5	24.5	24.0	23.0	23.5
8	24.0	21.5	23.0	28.0	24.5	26.0	26.5	23.5	25.0	25.5	23.0	24.0
9	23.0	21.5	22.5	28.5	24.5	26.5	28.0	24.0	26.0	25.5	23.5	24.5
10	---	---	---	29.5	25.5	27.5	28.5	24.0	26.5	26.0	23.5	25.0
11	---	---	---	30.0	26.0	28.0	29.5	25.0	27.0	26.0	23.5	24.5
12	20.0	18.5	19.5	29.5	26.0	28.0	28.5	25.5	27.0	25.0	23.5	24.0
13	19.5	18.5	19.0	31.0	27.5	29.0	26.5	23.0	25.0	24.0	21.5	22.5
14	19.5	18.5	19.0	30.5	27.0	28.5	23.0	22.5	23.0	23.5	20.5	22.0
15	20.5	18.5	19.5	29.5	26.5	28.0	23.0	22.5	22.5	23.0	19.5	21.5
16	22.5	20.0	21.0	28.5	26.0	27.5	24.0	22.5	23.0	23.0	20.0	21.5
17	23.0	21.0	22.0	28.5	26.0	27.0	23.5	23.0	23.0	24.0	20.5	22.0
18	23.0	21.5	22.0	28.5	25.0	26.5	25.0	22.5	23.5	24.0	21.5	22.5
19	23.5	21.0	22.5	28.0	25.0	26.5	25.5	23.0	24.0	24.0	22.0	23.0
20	25.0	22.0	23.5	28.0	25.0	26.5	25.5	23.5	24.0	24.0	22.5	23.0
21	24.0	22.0	23.0	29.0	25.0	27.0	24.5	23.0	23.5	24.0	22.5	23.0
22	22.5	20.5	21.5	28.5	26.0	27.0	24.5	23.0	23.5	25.0	22.0	23.5
23	21.5	19.5	20.5	28.0	25.0	26.5	24.5	23.0	23.5	23.5	21.5	22.5
24	23.5	20.0	22.0	27.5	26.0	26.5	24.5	23.0	23.5	---	---	---
25	24.5	21.5	23.0	26.0	24.5	25.5	25.5	22.5	24.0	---	---	---
26	25.5	22.5	24.0	27.0	24.0	25.5	26.0	23.5	24.5	---	---	---
27	25.0	23.5	24.0	27.5	25.0	26.0	25.5	24.0	24.5	---	---	---
28	25.0	23.0	24.0	26.5	25.0	25.5	26.5	24.0	25.0	21.0	19.0	20.5
29	24.5	23.5	24.0	26.5	23.5	25.0	25.0	23.0	24.0	---	---	---
30	25.5	23.5	24.5	27.0	23.5	25.5	24.5	21.5	23.0	---	---	---
31	---	---	---	28.0	24.5	26.0	24.5	21.0	23.0	---	---	---
MONTH YEAR	25.5 31.0	16.5 2.0	21.5 16.0	31.0	22.5	26.5	29.5	21.0	24.5	26.0	19.0	23.0

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN
02160700 ENOREE RIVER AT WHITMIRE, SC

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 National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Jan. 20, Aug. 21 - 26, Sept. 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	247	223	263	329	290	832	574	423	385	503	162	206
2	239	230	283	292	280	686	534	411	334	459	176	245
3	239	239	305	298	271	613	504	392	319	333	170	231
4	244	249	360	345	284	563	485	374	334	303	157	202
5	239	237	477	437	262	523	470	357	556	281	151	210
6	231	232	340	347	257	630	452	355	573	261	147	341
7	225	232	287	303	254	1990	443	392	395	249	165	460
8	230	233	272	285	249	2170	442	725	343	235	160	343
9	229	235	264	277	248	1060	442	1430	363	224	159	280
10	222	272	266	273	242	817	429	1080	551	214	159	245
11	221	313	260	268	235	849	418	677	575	205	154	228
12	214	341	262	260	237	811	410	546	477	197	147	225
13	213	278	254	256	239	663	407	485	488	188	163	252
14	214	261	252	261	237	588	401	476	502	183	306	220
15	206	254	257	257	262	546	392	463	498	176	629	210
16	205	250	252	271	473	512	386	423	430	172	350	197
17	210	253	237	245	806	484	383	394	394	173	264	187
18	211	250	221	242	561	467	378	382	372	171	262	185
19	208	247	218	235	524	533	367	363	356	169	225	180
20	205	251	216	234	457	1170	379	358	349	267	231	179
21	199	255	206	237	401	1100	1120	349	350	253	271	189
22	201	260	215	237	361	806	1920	339	348	196	337	191
23	207	265	223	284	371	838	2170	329	321	203	302	188
24	222	284	240	690	1020	1030	863	318	310	270	350	243
25	227	266	295	685	1360	773	644	311	304	276	363	308
26	228	252	294	443	2250	1550	552	302	300	220	292	308
27	232	243	248	368	3680	1310	498	301	290	230	256	266
28	232	240	246	344	3630	864	467	305	284	195	240	361
29	231	239	388	334	1180	704	446	311	322	200	242	685
30	225	250	677	319	---	634	430	330	311	177	283	544
31	221	---	432	302	---	602	---	412	---	170	237	---
TOTAL	6877	7634	9010	9958	20901	26718	17806	14114	11734	7353	7510	8109
MEAN	222	254	291	321	721	862	594	455	391	237	242	270
MAX	247	341	677	690	3680	2170	2170	1430	575	503	629	685
MIN	199	223	206	234	235	467	367	301	284	169	147	179
CFSM	.50	.57	.65	.72	1.62	1.94	1.34	1.03	.88	.53	.55	.61
IN.	.58	.64	.75	.83	1.75	2.24	1.49	1.18	.98	.62	.63	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	465	427	565	807	841	996	739	575	388	327	314	274							
MAX	1654	1143	1537	1552	1554	1965	1418	1407	599	806	699	714							
(WY)	1977	1986	1984	1978	1990	1975	1979	1984	1975	1984	1991	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							

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1974 - 1992
ANNUAL TOTAL	214264	147724	
ANNUAL MEAN	587	404	559
HIGHEST ANNUAL MEAN			859
LOWEST ANNUAL MEAN			267
HIGHEST DAILY MEAN	3900	May 21	16800
LOWEST DAILY MEAN	199	Oct 21	51
ANNUAL SEVEN-DAY MINIMUM	206	Oct 16	57
INSTANTANEOUS PEAK FLOW			19700
INSTANTANEOUS PEAK STAGE			32.58
INSTANTANEOUS LOW FLOW			50
ANNUAL RUNOFF (CFSM)	1.32	.91	1.26
ANNUAL RUNOFF (INCHES)	17.95	12.38	17.10
10 PERCENT EXCEEDS	966	677	983
50 PERCENT EXCEEDS	445	286	394
90 PERCENT EXCEEDS	232	202	172

* Also occurred on Aug. 12.

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

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, 121 microsiemens, Aug. 4; minimum, 42 microsiemens, Apr. 22, 23.

pH: Maximum, 7.8 units, Jan. 15, 16; minimum 6.5 units, several days.

WATER TEMPERATURE: Maximum, 29.5°C, July 14; minimum, 2.0°C, Dec. 20.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Feb. 10; minimum, 5.3 mg/L, June 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTÉE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.0	17.5	18.5	24.5	23.5	24.0	27.0	25.0	26.0	24.5	20.5	22.0
2	---	---	---	24.5	23.0	24.0	27.0	22.5	25.0	---	---	---
3	---	---	---	25.5	23.5	24.5	27.0	23.5	25.0	---	---	---
4	---	---	---	26.5	23.5	25.0	27.0	23.5	25.0	---	---	---
5	---	---	---	26.5	23.5	25.0	27.0	24.0	25.5	---	---	---
6	---	---	---	26.5	24.0	25.5	25.5	23.5	24.5	---	---	---
7	---	---	---	27.0	24.0	25.5	24.5	23.0	23.5	---	---	---
8	---	---	---	27.5	24.5	26.0	26.0	23.0	24.5	---	---	---
9	23.5	22.0	23.0	28.0	24.5	26.0	27.0	23.5	25.0	---	---	---
10	22.0	22.0	22.0	28.5	25.0	26.5	27.5	23.5	25.5	25.5	23.0	24.0
11	22.0	21.0	21.5	29.0	26.0	27.0	28.0	24.5	26.0	25.0	23.0	24.0
12	21.0	19.5	20.0	29.0	25.5	27.5	27.5	25.0	26.0	24.5	23.0	23.5
13	19.5	19.0	19.5	29.0	26.0	27.5	26.0	22.5	24.5	23.5	21.5	22.5
14	20.5	19.5	19.5	29.5	26.5	28.0	22.5	22.5	22.5	22.5	20.0	21.5
15	21.5	19.5	20.5	29.0	26.5	27.5	22.5	22.0	22.0	22.5	19.5	21.0
16	23.0	21.0	22.0	28.0	26.0	26.5	23.5	21.5	22.5	22.5	19.5	21.0
17	23.5	21.5	22.5	27.5	25.5	26.0	23.0	22.5	22.5	23.0	20.0	21.5
18	23.5	22.0	23.0	27.0	24.5	25.5	23.5	22.0	23.0	23.0	21.0	22.0
19	24.5	22.0	23.0	27.0	24.5	25.5	24.5	22.0	23.0	23.0	21.5	22.5
20	25.5	23.0	24.0	26.5	24.5	25.5	25.0	23.0	23.5	23.5	22.0	22.5
21	24.5	22.5	23.5	27.0	24.5	26.0	---	---	---	23.0	22.0	22.5
22	23.5	21.5	22.5	27.0	25.5	26.0	---	---	---	24.0	21.5	22.5
23	23.0	20.5	21.5	26.5	24.5	25.5	---	---	---	23.0	21.0	22.0
24	24.0	21.0	22.5	27.0	25.0	26.0	---	---	---	21.0	18.5	19.5
25	25.0	22.0	23.5	27.5	25.0	26.0	---	---	---	18.5	17.5	18.0
26	26.0	22.5	24.5	28.5	25.5	27.0	---	---	---	18.5	18.0	18.0
27	26.0	24.0	24.5	28.5	26.0	27.5	24.5	23.0	24.0	19.5	18.5	19.0
28	26.0	23.5	24.5	27.5	26.0	27.0	26.0	23.5	24.5	20.5	19.5	20.0
29	25.0	24.0	24.5	27.5	24.5	26.0	24.5	22.0	23.0	20.5	19.5	20.0
30	25.5	23.5	24.5	28.0	24.5	26.0	23.5	21.0	22.0	---	---	---
31	---	---	---	28.5	25.5	26.5	23.5	20.5	21.5	---	---	---
MONTH YEAR	26.0 29.5	17.5 2.0	22.5 15.5	29.5	23.0	26.0	28.0	20.5	24.0	25.5	17.5	21.5

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN
02160775 HELLERS CREEK NEAR POMARIA, SC

LOCATION.--Lat 34°21'38'', long 81°29'32'', Newberry County, Hydrologic Unit 03050106, on downstream side of State Road 55 bridge, 7.8 mi northwest of Pomaria and 9.2 mi northeast of Newberry.

DRAINAGE AREA.--8.16 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 375 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 1 - 5, 7 - 22, 24, 27 - 31, Nov. 9 - 26, Nov. 29 to Dec. 2, 9, 28, Dec. 30 to Jan. 23, 26 - 29, Feb. 1 - 14, 17 - 22, Mar. 12, 14 - 19, 22, Apr. 1 - 20, Apr. 25 to May 7, 10 - 31, June 3, 4, 6 - 30, July 12 - 21, Aug. 5, 7, 8, 10 - 12, 14 - 16, 18, 19, Aug. 23 to Sept. 30. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	2.1	3.9	2.7	2.1	7.9	4.2	2.4	1.6	2.2	2.4	2.4
2	2.1	2.3	2.9	2.3	1.9	6.8	3.9	2.3	1.5	2.2	2.4	2.4
3	2.1	2.2	9.3	3.4	1.9	5.7	3.8	2.2	1.4	2.1	2.4	2.4
4	2.1	2.2	13	3.2	1.9	4.9	3.6	2.1	1.7	2.3	2.2	2.3
5	2.1	2.2	7.9	2.6	1.8	4.5	3.4	2.0	1.4	2.3	2.0	2.3
6	2.1	2.2	6.7	2.3	1.9	28	3.3	2.0	1.2	2.3	1.9	2.4
7	1.9	2.2	6.3	2.0	1.8	35	3.3	2.6	1.4	2.3	2.0	2.3
8	1.9	2.2	5.6	1.8	1.7	17	3.3	9.0	1.9	2.4	2.0	2.2
9	1.9	2.6	4.0	1.8	1.7	10	3.2	5.6	3.6	2.4	1.8	2.1
10	1.9	2.8	3.6	1.7	1.7	7.4	3.2	3.8	3.0	2.4	1.6	2.1
11	1.9	3.0	3.2	1.6	1.7	5.8	3.1	2.9	2.3	2.5	1.5	2.0
12	1.8	2.7	3.0	1.6	1.7	4.2	3.0	2.7	2.3	2.4	2.8	2.0
13	1.8	2.6	2.9	1.6	1.8	3.8	2.8	2.4	2.1	2.1	4.7	2.0
14	1.8	2.6	2.8	1.9	1.8	3.6	2.6	2.4	2.8	1.9	3.3	2.0
15	1.8	2.3	2.6	1.6	7.8	3.4	2.6	2.3	2.1	1.7	2.3	1.9
16	1.8	2.3	2.4	1.4	11	3.3	2.5	2.1	1.9	1.5	1.9	2.0
17	1.8	2.3	2.3	1.3	4.3	3.2	2.4	2.0	1.8	1.4	7.7	2.0
18	1.8	2.2	2.0	1.3	3.8	3.1	2.3	2.0	1.7	1.4	4.0	2.0
19	1.8	2.2	1.8	1.5	3.4	3.1	2.2	1.9	1.6	1.5	2.7	2.0
20	1.7	2.0	1.8	1.4	2.6	5.1	2.9	1.9	1.4	1.5	29	2.0
21	1.8	2.0	1.9	1.3	2.1	5.1	21	1.9	1.3	1.6	16	2.0
22	1.9	2.3	1.8	1.3	1.9	3.9	22	1.8	1.3	1.7	4.8	2.0
23	1.9	2.3	1.9	13	14	7.4	7.1	1.7	1.3	2.1	3.9	1.9
24	2.0	2.2	2.0	12	13	5.1	4.5	1.7	1.3	1.8	3.3	3.4
25	1.9	2.7	1.8	7.4	36	7.5	4.3	1.6	1.2	1.7	2.9	2.6
26	1.9	2.8	1.7	4.2	38	54	3.8	1.7	1.2	1.6	2.8	2.4
27	1.9	2.6	2.0	3.3	19	17	3.3	1.6	1.2	1.5	3.4	2.4
28	1.9	2.6	2.7	3.0	13	9.3	3.0	1.5	1.1	1.6	3.9	2.4
29	1.8	2.3	8.5	2.7	9.6	7.4	2.7	1.6	1.3	1.7	3.2	2.2
30	1.8	2.9	3.8	2.3	---	6.0	2.6	1.9	2.2	1.7	2.9	2.1
31	1.9	---	3.1	2.2	---	4.5	---	1.7	---	2.0	2.6	---
TOTAL	58.8	71.9	119.2	91.7	204.9	293.0	135.9	75.3	52.1	59.8	130.3	66.2
MEAN	1.90	2.40	3.85	2.96	7.07	9.45	4.53	2.43	1.74	1.93	4.20	2.21
MAX	2.1	3.0	13	13	38	54	22	9.0	3.6	2.5	29	3.4
MIN	1.7	2.0	1.7	1.3	1.7	3.1	2.2	1.5	1.1	1.4	1.5	1.9
CFSM	.23	.29	.47	.36	.87	1.16	.56	.30	.21	.24	.52	.27
IN.	.27	.33	.54	.42	.93	1.34	.62	.34	.24	.27	.59	.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1981	4.92	16.1	1991	1.19	1987
1982	5.03	22.4	1986	1.55	1985
1983	7.73	20.7	1984	1.44	1989
1984	10.6	25.4	1982	2.96	1992
1985	13.9	25.2	1983	4.06	1988
1986	12.6	31.3	1991	3.38	1988
1987	8.37	20.8	1982	3.14	1985
1988	5.56	13.3	1984	1.95	1988
1989	4.44	17.5	1982	1.29	1985
1990	3.02	11.2	1989	.94	1988
1991	4.21	14.3	1991	1.18	1988
1992	2.72	8.31	1981	1.20	1985

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	3600.16	1359.1	6.89
ANNUAL MEAN	9.86	3.71	11.8
HIGHEST ANNUAL MEAN			2.86
LOWEST ANNUAL MEAN			1982
HIGHEST DAILY MEAN	298	Mar 3	298
LOWEST DAILY MEAN	.50	Sep 23	.42
ANNUAL SEVEN-DAY MINIMUM	.54	Sep 17	.54
INSTANTANEOUS PEAK FLOW			756
INSTANTANEOUS PEAK STAGE			Mar 17 1983
ANNUAL RUNOFF (CFSM)	1.21	3.98	8.02
ANNUAL RUNOFF (INCHES)	16.41	4.6	.84
10 PERCENT EXCEEDS	19	6.20	11.47
50 PERCENT EXCEEDS	3.6	6.7	12
90 PERCENT EXCEEDS	1.2	2.3	3.3
		1.6	1.4

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°18'17'', long 81°19'14'', Fairfield County, Hydrologic Unit 03050106, on left bank, at Fairfield Pump Storage Intake, 7.0 mi northwest of Jenkinsville.

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1978 to current year.

pH: March 1978 to current year.

WATER TEMPERATURE: March 1978 to current year.

DISSOLVED OXYGEN: March 1978 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 182 microsiemens, Oct. 31, 1988; minimum, 28 microsiemens, Nov. 23, 1985.

pH: Maximum, 9.4 units, June 21, 1992; minimum, 5.4 units, June 22, 1991.

WATER TEMPERATURE: Maximum, 35.0°C, Aug. 17, 1984; minimum, 1.0°C, Jan. 15, 1982, Jan. 10, 1988.

DISSOLVED OXYGEN: Maximum, 15.0 mg/L, Dec. 27, 1980; minimum, 1.1 mg/L, Aug. 3, 1980.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 130 microsiemens, Aug. 14; minimum, 56 microsiemens, Feb. 28.

pH: Maximum, 9.4 units, June 21; minimum, 5.5 units, May 11 - 14.

WATER TEMPERATURE: Maximum, 30.5°C, several days, several months; minimum, 5.5°C, Jan. 19.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, May 16; minimum, 3.5 mg/L, Aug. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	108	92	101	111	85	101	104	89	95	107	84	103
2	110	96	102	115	99	103	104	86	96	110	84	104
3	119	87	102	103	100	100	112	87	95	111	109	110
4	114	90	100	107	83	99	114	87	99	112	110	110
5	124	83	103	115	85	97	99	85	92	112	96	110
6	124	77	98	126	96	101	97	86	93	112	94	107
7	112	88	98	110	97	98	93	82	90	112	101	108
8	104	90	97	97	91	96	95	85	91	112	92	106
9	121	90	102	116	92	97	105	93	101	112	91	106
10	110	88	97	112	94	100	104	97	103	112	97	108
11	109	80	96	107	80	97	103	98	101	107	104	105
12	105	93	97	109	88	96	104	96	102	110	104	107
13	101	87	95	119	90	98	106	104	105	115	109	112
14	117	78	96	117	90	98	110	104	106	118	109	111
15	110	87	96	113	90	97	112	104	106	117	110	112
16	115	83	98	107	91	98	116	98	106	111	106	109
17	103	78	86	115	94	100	116	99	105	116	107	111
18	114	80	92	110	90	95	118	104	109	114	110	111
19	117	93	100	113	93	98	122	101	107	118	106	111
20	115	95	100	115	94	100	116	100	108	---	---	---
21	117	88	99	117	89	98	108	106	107	119	106	111
22	111	95	98	113	99	103	119	105	109	119	110	113
23	100	90	95	110	90	98	119	108	109	126	111	113
24	109	87	96	120	96	104	115	105	107	111	111	111
25	119	88	98	119	88	97	124	103	108	113	107	110
26	121	90	100	110	85	92	124	108	110	111	105	108
27	116	94	100	103	88	93	111	106	109	111	101	109
28	117	90	99	113	85	97	111	106	108	111	96	109
29	109	83	96	98	86	94	109	101	107	111	94	109
30	114	96	100	106	85	95	110	100	108	111	105	110
31	115	100	102	---	---	---	109	105	108	111	104	110
MONTH	124	77	98	126	80	98	124	82	103	126	84	109

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	111	94	107	105	95	103	101	93	100	100	97	98
2	110	101	106	108	62	96	102	84	97	98	87	95
3	111	101	109	108	72	101	106	84	98	99	94	97
4	114	108	110	109	76	98	101	91	98	101	94	97
5	115	110	111	107	104	107	102	99	100	99	96	98
6	116	107	110	106	101	105	105	99	100	99	97	98
7	116	109	111	105	91	103	101	99	101	98	97	98
8	111	106	110	106	70	99	106	100	102	98	97	98
9	111	109	110	104	64	96	106	100	102	99	93	98
10	114	110	111	106	100	102	103	97	101	101	88	96
11	116	110	111	105	65	97	104	100	101	99	68	95
12	120	110	112	103	66	93	109	100	102	101	64	88
13	112	110	110	102	76	96	104	99	101	100	68	90
14	120	110	112	103	80	100	106	100	102	105	88	95
15	115	110	111	104	90	101	107	99	102	96	80	89
16	122	110	112	103	83	96	---	---	---	103	87	95
17	126	109	112	102	92	100	---	---	---	101	87	93
18	115	110	111	102	90	99	---	---	---	101	88	94
19	111	105	110	102	92	100	---	---	---	100	93	96
20	111	97	108	103	93	101	---	---	---	97	94	96
21	111	97	107	103	102	102	---	---	---	98	94	95
22	110	100	107	103	87	101	105	90	102	97	93	95
23	110	104	109	103	85	98	104	70	100	99	93	95
24	111	108	109	103	86	99	105	78	101	100	92	95
25	113	105	109	102	80	97	104	61	94	98	93	96
26	108	75	99	103	96	101	103	66	87	98	95	97
27	108	61	101	103	99	101	101	76	94	100	94	97
28	109	56	100	103	64	95	100	77	95	101	95	97
29	109	104	107	101	73	97	98	96	98	104	95	98
30	---	---	---	102	78	96	98	96	97	100	95	97
31	---	---	---	103	96	100	---	---	---	97	96	96
MONTH	126	56	109	109	62	99	109	61	99	105	64	96
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	102	95	97	96	90	92	---	---	---	101	96	98
2	100	95	96	96	90	92	---	---	---	101	96	98
3	97	94	96	92	79	88	---	---	---	104	97	100
4	96	93	95	94	82	89	111	96	101	104	89	98
5	96	94	95	92	84	89	111	96	99	104	95	98
6	101	95	96	96	83	89	119	96	99	103	96	99
7	96	77	95	95	84	90	108	96	99	111	97	100
8	98	72	88	91	83	88	109	96	98	111	97	101
9	93	75	88	96	85	89	116	97	101	103	96	99
10	96	82	93	94	87	90	114	97	101	99	96	97
11	95	88	94	95	89	90	120	98	104	101	95	98
12	93	79	90	91	90	90	125	99	106	100	96	98
13	93	73	88	96	90	91	123	98	104	99	96	98
14	95	71	89	97	90	92	130	100	104	98	97	97
15	98	61	85	100	91	92	112	98	101	107	97	99
16	95	62	85	101	91	93	115	98	102	105	97	99
17	96	74	92	104	90	95	99	90	97	105	97	99
18	95	70	88	104	92	95	99	79	95	104	97	99
19	97	80	88	108	91	96	98	77	93	102	97	98
20	95	81	88	111	91	98	98	93	96	107	97	99
21	98	83	91	113	87	97	99	95	97	110	97	99
22	95	85	91	106	88	97	98	96	97	108	98	101
23	89	87	88	108	94	98	101	96	97	114	98	101
24	92	88	90	116	96	104	106	97	98	115	99	102
25	91	89	90	107	89	98	102	96	98	116	100	102
26	92	89	90	102	89	97	103	96	99	112	99	102
27	93	88	91	108	94	99	102	97	98	102	98	99
28	98	90	92	106	93	97	100	97	98	109	98	100
29	107	90	95	---	---	---	101	97	98	110	99	101
30	102	90	92	---	---	---	104	96	99	100	99	99
31	---	---	---	---	---	---	102	96	98	---	---	---
MONTH	107	61	91	116	79	93	130	77	99	116	89	99
YEAR	130	56	100									

pH (STANDARD UNITS). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

pH (STANDARD UNITS). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.5	7.2	6.9	6.8	7.2	7.1	6.9	6.6	7.2	6.8	7.8	6.9
2	7.5	6.6	7.0	6.7	7.2	7.1	7.1	6.6	7.1	6.6	7.5	6.5
3	7.6	7.3	7.3	6.8	7.2	7.1	6.9	6.5	7.0	6.6	7.8	6.2
4	7.4	6.9	7.1	6.7	7.2	7.1	6.8	6.6	7.0	6.6	8.4	6.4
5	7.3	6.8	7.3	6.9	7.2	7.1	6.9	6.6	7.1	6.8	8.4	7.4
6	7.1	6.8	7.4	7.2	7.2	7.0	7.0	6.6	7.2	7.0	7.9	6.8
7	7.1	6.5	---	---	7.2	7.1	7.0	6.5	7.3	6.9	7.8	6.7
8	7.1	6.8	---	---	7.2	7.1	7.0	6.6	7.3	7.0	7.8	6.6
9	7.3	7.0	7.1	6.9	7.2	7.1	7.1	6.5	7.3	7.0	7.7	6.6
10	7.4	7.0	7.1	6.9	7.4	7.1	7.1	6.6	7.2	7.0	7.0	6.5
11	7.3	6.9	7.0	6.7	7.4	7.1	6.8	6.7	7.2	6.8	7.0	6.6
12	7.2	6.9	7.1	7.0	7.7	7.2	6.8	6.6	7.2	6.9	7.2	6.7
13	7.3	6.8	7.1	7.0	7.3	7.1	7.0	6.7	7.3	7.0	7.1	6.8
14	7.3	7.0	7.1	7.0	7.2	7.0	7.2	6.6	7.2	7.1	7.1	6.8
15	7.4	7.1	7.1	7.0	7.3	7.1	7.1	6.6	7.4	7.1	7.2	6.6
16	7.3	6.9	7.1	7.0	7.2	7.1	7.1	6.6	7.5	7.2	7.3	6.8
17	7.3	6.9	7.2	7.0	7.2	7.0	7.2	6.9	7.5	7.3	7.1	6.6
18	7.2	6.9	7.2	7.1	7.2	7.0	7.1	7.1	7.5	7.3	7.0	6.6
19	7.3	6.9	7.3	7.1	7.1	7.0	7.2	7.1	7.6	7.3	6.9	6.6
20	7.2	6.9	7.2	7.1	7.1	6.9	---	---	7.6	7.3	7.2	6.7
21	7.1	6.9	7.2	7.1	7.1	6.9	7.2	7.0	7.6	7.4	7.1	6.7
22	7.2	6.6	7.2	7.1	7.1	6.8	7.2	6.9	7.6	7.4	7.0	6.7
23	7.2	6.4	7.2	7.1	7.1	6.8	7.3	7.0	7.7	7.5	7.2	6.9
24	7.3	6.7	7.2	7.1	7.0	6.8	7.2	7.0	7.7	7.5	7.4	7.0
25	7.3	6.6	7.2	7.1	7.0	6.7	7.3	6.9	7.8	7.5	7.2	6.9
26	7.3	6.8	7.2	7.1	7.0	6.9	7.2	7.0	7.8	7.4	7.3	6.9
27	7.3	6.6	7.2	7.1	7.1	6.7	7.3	7.0	7.8	7.4	7.1	6.7
28	7.8	6.8	7.3	7.1	7.1	6.7	7.2	6.9	7.8	7.3	7.3	6.8
29	7.4	6.8	7.2	7.1	7.2	6.7	7.3	6.8	7.9	7.5	7.4	6.8
30	7.3	6.9	7.2	7.1	7.1	6.7	7.1	6.9	---	---	7.2	6.7
31	7.1	6.7	---	---	6.9	6.8	7.1	6.8	---	---	7.2	6.5
MONTH	7.8	6.4	7.4	6.7	7.7	6.7	7.3	6.5	7.9	6.6	8.4	6.2
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	6.5	6.6	5.8	8.1	7.1	7.5	6.7	---	---	7.8	6.9
2	7.4	6.8	7.0	6.1	7.7	7.1	8.1	6.7	---	---	7.3	6.8
3	7.5	6.7	7.1	6.5	7.9	7.1	8.4	6.8	---	---	7.3	6.8
4	7.4	6.7	7.2	6.4	7.4	6.8	8.3	6.7	8.6	6.6	8.4	6.8

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.9	5.9	6.2	8.7	8.3	8.5	8.8	7.3	7.6	12.0	10.5	10.7
2	7.0	6.1	6.5	8.8	8.2	8.4	8.7	7.5	7.8	12.0	10.6	11.0
3	7.6	6.3	6.8	8.3	8.1	8.2	8.5	7.3	7.7	10.7	10.5	10.6
4	7.3	6.3	6.6	8.5	8.0	8.2	8.5	7.5	7.9	10.8	10.5	10.7
5	7.7	6.4	6.9	9.0	7.5	8.0	8.1	7.9	7.9	11.6	10.6	10.8
6	8.4	6.7	7.3	8.9	7.3	7.5	8.3	7.8	7.9	11.5	10.6	11.0
7	8.4	7.3	7.8	8.2	7.0	7.3	8.3	7.7	7.9	11.2	10.5	11.0
8	8.3	7.5	7.8	7.3	7.0	7.1	9.1	7.7	7.9	11.7	10.7	11.0
9	9.3	7.6	8.1	8.9	7.2	7.5	10.6	8.8	9.3	11.8	10.8	11.2
10	9.2	7.5	8.2	8.8	7.3	7.6	10.4	8.9	9.3	11.7	10.8	11.0
11	9.0	7.5	7.8	8.2	7.2	7.4	10.0	9.3	9.6	11.3	10.9	11.1
12	9.1	7.6	8.0	8.9	7.2	7.5	10.1	9.0	9.5	11.3	11.0	11.1
13	8.8	7.8	8.1	9.1	7.2	7.5	10.2	8.6	9.2	12.4	11.0	11.3
14	9.3	7.7	8.2	9.0	7.2	7.5	10.1	8.5	8.9	12.4	10.9	11.4
15	9.0	7.9	8.1	8.9	7.1	7.5	9.9	8.8	9.4	12.0	10.8	11.3
16	9.0	7.9	8.3	8.6	7.1	7.4	10.3	9.3	9.5	11.6	10.5	11.1
17	9.2	8.1	8.4	8.6	7.3	7.7	10.4	9.1	9.5	11.4	10.2	10.6
18	9.6	8.2	8.5	8.3	7.4	7.6	10.6	9.4	9.7	11.4	10.0	10.6
19	9.7	8.2	8.8	8.3	7.4	7.7	11.3	9.6	10.0	11.6	10.4	10.7
20	9.6	8.5	9.0	8.3	7.4	7.6	11.3	9.6	10.0	---	---	---
21	9.8	8.6	8.9	8.1	7.3	7.5	9.9	9.6	9.7	11.8	10.3	11.0
22	9.5	8.4	8.7	8.0	7.2	7.5	11.6	9.7	10.0	11.8	9.8	10.7
23	9.3	8.4	8.7	7.6	7.4	7.5	11.3	9.7	9.9	11.9	10.7	11.4
24	9.5	8.5	8.8	7.7	7.4	7.5	10.8	9.7	10.0	11.8	10.4	11.2
25	9.6	8.4	9.0	7.9	7.4	7.6	11.7	10.0	10.3	10.7	10.1	10.3
26	10.6	8.6	9.5	8.0	7.5	7.7	11.7	10.2	10.4	10.5	9.8	10.1
27	10.6	8.7	9.3	8.2	7.5	7.7	11.1	10.3	10.5	---	---	---
28	11.0	8.7	9.5	8.5	7.5	7.8	11.9	10.4	10.7	---	---	---
29	10.2	8.9	9.5	8.3	7.4	7.6	11.5	10.3	10.7	---	---	---
30	9.3	8.6	9.0	9.0	7.4	7.8	11.4	10.4	10.7	---	---	---
31	8.9	8.5	8.7	---	---	---	10.5	10.4	10.5	---	---	---
MONTH	11.0	5.9	8.2	9.1	7.0	7.7	11.9	7.3	9.4	12.4	9.8	10.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	11.0	10.2	10.7	10.4	9.3	9.8	9.4	7.8	8.6
2	---	---	---	11.4	10.0	10.7	10.6	9.5	10.0	9.4	8.1	8.9
3	---	---	---	12.3	9.8	10.7	10.7	9.5	10.0	10.9	8.4	9.4
4	---	---	---	12.7	9.6	11.3	10.1	8.9	9.6	10.9	8.1	9.6
5	---	---	---	12.2	10.5	11.6	10.7	9.4	10.2	10.3	8.2	9.4
6	10.6	9.9	10.1	11.1	10.1	10.6	10.3	9.7	10.0	9.5	8.7	9.2
7	10.7	9.9	10.3	10.9	9.4	10.3	10.2	9.6	9.9	9.0	8.5	8.7
8	10.8	9.9	10.2	10.8	9.3	10.3	10.3	9.6	10.0	8.7	7.1	8.0
9	10.5	10.0	10.2	11.1	9.1	10.2	10.9	9.6	10.0	8.6	6.7	7.7
10	10.7	10.1	10.3	11.1	9.3	9.5	10.5	9.2	9.7	9.7	7.6	8.5
11	11.2	9.9	10.2	11.1	9.1	9.6	11.4	9.0	10.2	10.0	8.3	9.0
12	11.6	10.0	10.5	9.9	9.4	9.6	11.6	8.9	10.2	10.4	7.5	9.0
13	10.5	10.1	10.3	9.9	9.5	9.8	10.8	9.1	10.1	12.8	7.3	10.1
14	11.0	10.0	10.3	10.0	9.4	9.7	10.6	9.0	9.7	12.0	7.7	9.7
15	10.8	9.9	10.1	10.1	9.2	9.6	10.9	8.8	9.6	10.9	8.0	9.1
16	10.8	9.8	10.2	10.6	9.6	10.0	9.7	8.7	9.2	13.5	7.5	10.6
17	10.6	10.3	10.4	10.8	9.4	9.8	9.9	8.7	9.2	13.1	7.3	9.5
18	10.4	10.1	10.2	11.0	9.6	10.1	10.6	8.6	9.5	13.1	7.1	9.2
19	10.3	9.9	10.0	10.6	9.6	9.8	9.7	8.4	9.1	11.6	7.6	9.6
20	10.8	10.1	10.4	10.2	9.6	9.9	9.7	8.3	9.1	10.2	7.7	9.1
21	10.4	10.0	10.2	10.0	9.5	9.8	9.0	7.8	8.4	9.7	7.7	8.8
22	10.7	10.0	10.4	10.0	9.4	9.7	9.6	7.3	8.7	9.9	7.2	8.7
23	10.9	10.0	10.4	10.3	9.8	10.0	11.0	7.9	8.8	10.4	7.5	8.6
24	11.2	10.3	10.7	10.4	9.6	10.0	9.8	8.1	9.0	11.7	7.2	8.7
25	11.4	10.1	10.8	10.4	9.8	10.0	10.4	7.5	9.1	12.0	7.4	9.4
26	10.9	9.5	10.3	10.0	9.6	9.9	9.8	7.9	8.7	11.2	6.8	8.9
27	10.9	9.9	10.5	10.1	9.4	9.7	9.7	8.0	8.6	10.1	7.2	8.6
28	10.7	9.8	10.1	10.3	9.5	9.9	9.2	8.3	8.8	9.4	6.6	8.3
29	11.0	9.7	10.4	10.3	9.4	9.9	8.8	7.4	8.1	8.6	7.3	8.0
30	---	---	---	10.2	9.5	9.8	8.8	7.6	8.2	9.3	7.2	7.9
31	---	---	---	10.6	9.6	10.1	---	---	---	9.7	6.9	8.3
MONTH	11.6	9.5	10.3	12.7	9.1	10.1	11.6	7.3	9.4	13.5	6.6	8.9

SANTEE RIVER BASIN

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 3°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 1985 to current year. Records prior to 1985 Water Year are in the files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 200.00 ft above National Geodetic Vertical Datum of 1929, (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, (NGVD) 1,850 acres. Maximum power pool is 266 ft, (NGVD) 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, 254.65 ft, Aug. 21, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.11 ft, Jan. 25; minimum, 255.99 ft, June 9.

Capacity Table

Elevation, in feet (NGVD)	Usable contents, in billions of gallons
255.0	0.57
260.0	3.30
265.0	9.00
270.0	16.8
271.0	18.4

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	262.88	260.72	264.11	260.82	261.06	261.99	260.53	264.22	262.97	261.70	260.29	260.82
2	261.12	259.77	265.05	259.72	261.85	261.41	260.72	265.19	263.22	262.28	259.47	260.29
3	263.60	259.56	264.23	260.40	262.35	260.77	261.81	263.90	262.29	261.99	261.64	262.13
4	262.93	262.08	263.90	260.82	261.56	258.83	259.12	262.51	261.58	262.60	264.92	261.39
5	263.09	260.26	261.96	260.74	262.41	258.61	259.35	262.82	261.52	261.09	260.20	261.61
6	259.54	258.60	261.98	261.85	262.62	259.24	261.91	262.36	264.75	260.42	259.08	263.28
7	259.89	258.36	262.99	261.59	261.72	260.70	261.71	262.50	264.78	264.26	261.78	263.06
8	259.42	262.39	262.46	260.56	262.49	260.65	258.80	264.32	262.48	263.70	262.54	263.19
9	260.31	263.56	261.71	260.40	261.09	259.19	261.29	263.89	262.43	264.38	263.57	262.24
10	261.16	258.82	262.28	261.75	260.34	259.14	263.18	262.29	264.22	265.11	263.42	259.89
11	260.91	261.58	262.12	262.13	260.18	260.53	262.78	261.18	264.17	265.28	262.65	262.09
12	260.10	260.23	263.96	262.37	258.53	261.52	261.09	262.07	262.81	263.74	260.96	260.98
13	260.75	260.05	261.41	260.84	260.79	261.84	260.40	259.97	261.43	264.80	260.67	259.57
14	259.91	260.66	260.94	258.63	261.98	263.54	261.63	262.24	260.46	264.45	260.58	260.53
15	260.52	261.62	260.29	259.45	262.94	263.03	263.95	263.72	260.78	263.50	262.53	258.87
16	259.48	261.59	260.50	261.33	261.74	262.69	265.01	261.19	262.33	264.07	262.73	261.87
17	261.34	262.04	261.48	260.23	263.71	260.11	263.42	260.44	262.25	262.91	261.60	261.63
18	262.02	262.95	259.21	259.70	262.66	260.74	264.08	263.99	261.91	261.68	261.27	261.18
19	260.03	261.12	262.91	260.40	262.21	262.28	264.68	263.12	263.14	260.43	260.31	262.45
20	258.87	261.58	257.49	259.86	263.16	261.37	262.38	262.20	261.34	261.12	260.27	261.61
21	260.39	261.36	260.03	260.79	263.48	261.46	262.36	262.95	259.94	264.26	259.95	263.44
22	260.95	263.09	261.70	259.87	262.14	260.25	260.67	262.30	259.75	263.44	260.32	262.99
23	263.44	262.55	263.45	260.62	262.46	260.87	259.99	263.76	263.05	260.66	259.02	260.77
24	263.84	260.68	263.28	262.57	262.72	260.65	262.88	262.68	263.81	261.29	260.27	261.64
25	264.01	264.38	262.06	266.10	262.33	260.59	263.41	262.24	264.64	265.39	261.77	262.92
26	261.67	262.30	261.08	263.30	264.14	262.00	262.33	261.93	262.38	261.12	260.15	259.72
27	261.55	263.48	260.90	262.63	263.60	261.54	260.63	260.68	261.22	265.81	257.62	261.67
28	263.68	261.56	261.50	260.45	262.18	261.17	262.49	261.04	261.09	264.06	262.70	262.18
29	262.42	262.89	262.13	260.61	262.71	261.30	262.46	261.87	260.59	264.49	260.88	259.03
30	259.13	264.30	261.86	261.28	---	260.99	263.44	261.68	261.51	264.60	259.59	259.79
31	259.95	---	261.86	261.54	---	260.96	---	262.37	---	263.54	261.93	---
MAX	264.01	264.38	265.05	266.10	264.14	263.54	265.01	265.19	264.78	265.39	264.92	263.44
MIN	258.87	258.36	257.49	258.63	258.53	258.61	258.80	259.97	259.75	260.42	257.62	258.87
[+]	3.26	8.09	5.16	4.84	6.15	4.26	7.03	5.74	4.81	7.15	5.23	3.11
[*]	-112	249	-146	-16	69.9	-94.3	143	-64.4	-48	117	-95.8	-109

CAL YR 1991 * 16.8 MAX 265.99 MIN 257.49

WTR YR 1992 * 10.1 MAX 266.10 MIN 257.49

[+] CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38'', long 81°19'50'', Fairfield County, Hydrologic Unit 03050106, in power house of dam, 0.3 mi upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi², approximately.

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

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Regulated by flow from Parr Shoals Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 242.98 ft, Oct. 14, 1990; minimum, 219.36 ft, Oct. 13, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 231.00 ft, Apr. 23; minimum, 219.41 ft, Aug. 3, 7, Sept. 21.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	221.51	220.61	221.33	221.56	221.48	221.52	221.57	221.43	221.49	---	---	---
2	220.87	220.69	220.77	221.54	221.48	221.52	222.40	221.42	222.03	---	---	---
3	220.87	220.75	220.81	221.56	221.52	221.54	223.17	219.62	222.58	---	---	---
4	222.39	220.75	221.98	222.04	221.50	221.72	223.27	223.08	223.21	---	---	---
5	222.42	222.29	222.36	222.09	221.93	222.04	223.38	223.11	223.27	---	---	---
6	222.43	221.93	222.31	222.09	220.88	221.99	223.40	221.92	222.88	---	---	---
7	222.03	220.84	221.15	220.88	220.86	220.87	222.04	221.88	221.98	---	---	---
8	222.05	220.85	221.72	221.09	220.84	220.94	221.98	221.87	221.93	---	---	---
9	222.06	220.81	221.09	223.13	220.87	221.39	222.06	221.88	221.99	---	---	---
10	222.01	220.74	221.65	223.39	221.50	222.68	222.01	221.93	221.97	---	---	---
11	222.00	220.19	221.38	221.54	220.89	221.46	222.07	221.90	221.96	---	---	---
12	221.99	220.84	221.63	222.64	220.33	222.21	223.18	221.93	222.40	---	---	---
13	222.00	221.93	221.96	222.67	222.03	222.41	222.04	221.92	222.00	---	---	---
14	222.00	221.41	221.61	222.16	219.70	221.52	222.04	221.96	222.00	---	---	---
15	221.51	221.39	221.46	221.52	221.42	221.47	222.07	221.95	222.02	---	---	---
16	221.60	220.86	221.08	222.55	220.91	221.99	223.35	220.98	222.27	---	---	---
17	222.49	220.05	221.13	220.92	220.86	220.89	222.04	220.90	221.68	---	---	---
18	221.47	221.34	221.41	222.01	220.84	221.58	222.07	221.48	221.85	---	---	---
19	222.46	221.40	222.06	222.03	221.90	221.98	221.60	221.41	221.49	---	---	---
20	222.45	220.78	221.60	222.03	221.92	221.99	---	---	---	---	---	---
21	220.81	220.74	220.78	222.09	221.94	222.01	---	---	---	---	---	---
22	220.77	220.71	220.74	222.08	220.82	221.23	---	---	---	---	---	---
23	220.77	220.67	220.72	222.01	221.89	221.95	---	---	---	---	---	---
24	221.96	220.70	221.10	222.05	221.88	221.99	---	---	---	---	---	---
25	222.93	221.83	222.54	222.10	221.81	221.95	---	---	---	---	---	---
26	223.03	221.96	222.85	222.01	220.85	221.67	---	---	---	---	---	---
27	221.99	220.84	221.09	221.99	221.86	221.93	---	---	---	---	---	---
28	221.46	220.78	221.09	222.03	220.85	221.72	---	---	---	---	---	---
29	221.52	221.40	221.47	220.89	220.80	220.85	---	---	---	---	---	---
30	222.03	219.93	221.77	221.57	220.80	221.06	---	---	---	---	---	---
31	222.06	221.47	221.68	---	---	---	---	---	---	---	---	---
MONTH	223.03	219.93	221.49	223.39	219.70	221.67	223.40	219.62	222.16	---	---	---

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, 162 microsiemens, Sept. 5, 1987; 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.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, several days in Jan. 1988; minimum, 2.9 mg/L, July 2, 14, 15, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 152 microsiemens Aug. 14; minimum, 57 microsiemens, Feb. 28, Apr. 23.

pH: Maximum, 7.8 units, Mar. 21; minimum 5.7 units, Aug. 23, 24.

WATER TEMPERATURE: Maximum, 30.5°C, July 7, 13, 14; minimum, 5.5°C, Dec. 21, Jan. 16, 17.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 21; minimum, 4.4 mg/L, July 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	102	98	100	138	118	127	117	110	113	97	86	92
2	98	94	96	127	111	117	116	110	112	98	88	90
3	96	94	95	139	127	131	115	106	109	100	90	94
4	110	93	98	141	127	136	124	113	117	94	90	91
5	108	94	99	129	117	124	119	110	112	90	89	90
6	119	92	99	134	117	124	124	104	111	100	90	93
7	106	94	99	130	124	127	111	101	106	101	90	96
8	110	99	105	142	130	136	101	98	100	91	83	85
9	103	97	99	135	111	116	100	98	99	83	77	81
10	109	95	103	129	109	118	103	100	102	89	79	83
11	106	94	97	130	117	125	105	103	105	86	82	84
12	103	89	93	122	111	117	108	105	107	85	82	84
13	115	103	109	126	107	114	108	107	107	93	85	88
14	114	94	106	117	107	111	114	108	110	---	---	---
15	108	93	99	114	107	111	122	114	118	---	---	---
16	107	91	95	118	108	111	123	112	118	---	---	---
17	108	93	101	113	109	111	120	111	114	---	---	---
18	97	91	94	116	113	115	123	116	119	119	113	116
19	100	91	95	115	109	112	121	112	117	122	115	118
20	101	88	93	122	110	115	117	113	114	---	---	---
21	103	99	101	122	107	112	125	114	122	126	117	120
22	105	99	102	121	106	112	119	114	117	119	116	117
23	106	100	102	116	110	112	120	113	114	124	117	119
24	101	93	98	127	109	115	117	111	114	134	118	125
25	100	83	91	127	115	119	116	113	115	122	115	119
26	129	80	102	116	112	114	124	116	121	115	111	114
27	119	87	94	116	112	114	119	111	115	111	103	107
28	118	89	106	118	113	115	111	108	110	109	97	103
29	109	94	102	122	117	120	109	105	108	103	96	98
30	121	92	110	120	117	119	112	96	106	107	100	103
31	147	118	134	---	---	---	108	87	100	107	98	103
MONTH	147	80	101	142	106	118	125	87	111	134	77	100

SANTÉE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	108	98	102	70	62	66	102	95	98	103	97	101
2	107	99	103	89	70	75	102	94	98	103	98	100
3	109	104	106	100	78	84	111	96	105	103	99	101
4	112	109	110	96	78	87	111	107	109	107	102	105
5	116	111	114	108	88	93	110	107	109	108	105	107
6	117	113	115	102	91	96	112	108	110	109	107	108
7	116	113	115	102	85	93	114	110	111	109	108	109
8	113	111	113	99	67	78	119	111	115	---	---	---
9	116	112	113	99	67	72	119	110	116	---	---	---
10	122	116	120	90	69	73	113	110	111	---	---	---
11	122	118	119	101	72	83	113	110	111	---	---	---
12	125	119	121	109	78	92	114	111	113	---	---	---
13	133	123	128	108	87	96	115	111	113	---	---	---
14	125	121	123	111	91	99	119	111	115	93	80	83
15	121	117	119	107	91	97	118	112	115	100	92	97
16	127	117	120	107	92	98	116	112	114	101	99	100
17	132	123	129	110	101	106	115	112	113	102	99	101
18	124	118	120	106	98	102	115	112	113	104	101	103
19	118	110	115	109	102	105	116	112	113	104	102	103
20	117	106	112	111	104	108	118	112	113	107	103	104
21	117	110	114	108	97	103	121	117	119	103	101	102
22	117	111	115	101	93	96	119	68	94	103	101	102
23	113	110	111	103	95	96	86	57	66	103	101	102
24	118	113	115	112	93	103	96	63	73	104	101	102
25	118	107	114	104	90	95	92	73	84	120	102	104
26	107	69	83	102	81	92	89	75	78	107	104	105
27	83	60	65	81	68	75	103	85	98	113	103	107
28	81	57	63	83	71	76	103	87	94	111	105	107
29	90	59	66	90	80	83	103	96	99	111	104	108
30	---	---	---	93	84	88	101	94	96	107	104	105
31	---	---	---	102	90	95	---	---	---	111	105	107
MONTH	133	57	109	112	62	90	121	57	104	120	80	103
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	113	109	112	113	102	108	---	---	---	115	111	113
2	111	104	108	109	94	100	---	---	---	111	101	107
3	106	101	105	105	83	94	---	---	---	108	101	102
4	105	98	101	102	87	94	---	---	---	102	99	100
5	107	99	102	93	89	91	109	104	107	100	96	98
6	111	104	108	101	89	94	---	---	---	100	97	99
7	107	89	100	99	90	93	---	---	---	115	98	100
8	102	84	94	111	92	98	122	110	116	120	97	105
9	100	87	94	113	94	104	122	110	115	117	95	99
10	97	84	93	122	94	110	---	---	---	118	93	100
11	96	81	88	---	---	---	---	---	---	109	90	96
12	90	81	85	97	96	96	139	111	118	---	---	---
13	81	72	78	102	96	97	139	110	116	---	---	---
14	78	69	73	102	96	98	152	109	126	---	---	---
15	91	66	76	107	96	102	136	115	123	---	---	---
16	82	66	71	109	100	104	122	110	117	---	---	---
17	83	64	71	110	99	101	112	96	106	---	---	---
18	89	70	76	116	99	107	106	95	103	---	---	---
19	93	82	87	---	---	---	107	97	104	---	---	---
20	95	87	91	---	---	---	108	101	104	---	---	---
21	96	86	92	---	---	---	109	101	105	---	---	---
22	93	86	91	---	---	---	114	107	110	---	---	---
23	96	93	95	---	---	---	113	109	110	---	---	---
24	107	93	97	---	---	---	130	108	116	---	---	---
25	116	94	98	---	---	---	140	113	121	---	---	---
26	108	94	100	---	---	---	---	---	---	109	105	106
27	110	103	106	---	---	---	---	---	---	109	105	107
28	115	99	106	---	---	---	---	---	---	111	103	106
29	121	100	108	---	---	---	114	110	111	113	101	105
30	112	103	107	---	---	---	118	111	114	115	99	108
31	---	---	---	---	---	---	121	111	115	---	---	---
MONTH	121	64	94	122	83	99	152	95	113	120	90	103
YEAR	152	57	104									

pH (UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

pH (UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.5	20.5	20.5	28.5	26.5	27.5	27.5	25.5	26.5	27.5	26.5	27.0
2	22.5	20.5	21.5	28.0	26.0	27.0	27.5	26.0	26.5	28.0	27.0	27.5
3	22.0	21.5	21.5	27.5	25.5	26.5	28.5	27.0	27.5	27.5	26.5	27.0
4	23.0	21.0	22.0	28.5	25.5	26.5	29.0	28.0	28.5	27.5	27.0	27.5
5	24.0	21.5	22.5	29.0	27.0	27.5	29.5	28.5	28.5	27.5	27.0	27.5
6	25.0	22.0	23.0	30.0	27.0	28.0	28.5	28.0	28.0	27.5	27.0	27.0
7	24.0	22.5	23.0	30.5	27.0	28.0	28.0	27.0	27.5	28.5	27.0	27.5
8	23.5	22.5	23.0	29.5	27.0	27.5	28.5	28.0	28.0	28.0	26.5	27.0
9	25.5	22.5	24.0	29.0	27.0	27.5	29.5	28.0	28.5	28.0	27.0	27.5
10	24.5	22.5	23.5	30.0	27.0	28.0	30.0	28.0	29.0	28.0	27.0	27.5
11	24.0	23.5	24.0	29.5	27.5	28.0	29.5	28.5	29.0	28.0	27.0	27.5
12	23.5	22.0	23.0	30.0	28.0	28.5	29.0	28.0	28.5	28.0	27.5	27.5
13	22.0	21.0	21.0	30.5	28.0	28.5	28.5	27.5	28.0	27.5	26.5	27.0
14	22.0	20.5	21.0	30.5	27.5	28.5	27.5	26.0	27.0	26.5	25.5	26.0
15	23.0	20.5	21.5	29.5	27.5	28.5	27.0	24.5	26.0	26.5	24.5	26.0
16	23.5	22.0	22.5	29.0	27.5	28.0	27.5	25.0	26.0	27.5	25.0	26.0
17	23.5	22.5	23.0	28.5	27.5	28.0	27.5	24.5	26.0	27.5	26.0	27.0
18	24.5	23.0	24.0	29.0	27.5	28.0	27.0	25.5	26.0	27.5	26.5	27.0
19	25.0	23.0	24.0	29.0	27.5	28.0	27.0	25.5	26.0	27.0	26.5	27.0
20	26.5	23.5	24.5	30.0	28.0	28.5	27.0	26.0	26.5	27.5	26.5	27.0
21	26.5	24.0	25.0	30.0	28.0	29.0	27.0	26.0	26.5	27.5	26.5	27.0
22	26.0	24.0	25.0	29.5	27.5	28.5	27.0	25.0	26.0	27.5	26.5	27.0
23	26.5	24.0	25.0	27.5	25.5	26.5	26.5	26.0	26.0	27.0	25.5	26.5
24	26.0	24.0	25.0	27.0	25.5	26.5	26.5	25.5	26.0	25.5	22.5	23.5
25	27.0	24.5	25.0	28.0	26.0	26.5	27.0	26.0	26.5	24.0	22.0	23.5
26	26.5	24.0	25.0	28.5	26.0	27.0	28.0	27.0	27.0	23.0	21.5	22.5
27	28.0	24.5	26.0	27.5	26.5	27.0	27.5	26.5	27.0	23.5	20.5	21.0
28	27.5	25.5	26.5	28.0	26.5	27.0	26.5	25.5	26.0	25.0	22.5	23.5
29	27.5	26.0	27.0	28.5	27.0	27.5	27.0	26.0	26.5	25.0	21.5	23.5
30	28.0	26.0	27.0	28.0	27.0	27.5	27.5	26.0	26.5	23.5	20.5	21.5
31	---	---	---	27.5	26.5	27.0	27.5	26.0	26.5	---	---	---
MONTH YEAR	28.0 30.5	20.5 5.5	23.5 18.5	30.5	25.5	27.5	30.0	24.5	27.0	28.5	20.5	26.0

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN
02161000 BROAD RIVER AT ALSTON, SC

LOCATION.--Lat 34°14'35'', long 81°19'11'', Fairfield County, Hydrologic Unit 03050106, on left bank at Southern Railway Alston-Peak trestle, 1.2 mi downstream from Parr Shoals Dam, and at mile 200.2.

DRAINAGE AREA.--4,790 mi².

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

REVISED RECORDS.--WRD SC-82-1: 1982(M).

GAGE.--Data collection platform. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 20, Aug. 3, 4, 14 - 23, which are poor. Regulation at low and median flow by powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1910	2080	2050	4250	4020	10700	6460	4090	5020	4770	1800	2480
2	1290	2070	3020	2610	2230	6620	4520	2830	4910	6080	2920	2930
3	1310	2090	4420	4080	2170	6170	5000	3170	2890	6160	1910	2870
4	2990	2330	5850	4560	2160	5110	6190	3670	4650	3140	2210	2110
5	3700	2860	5990	5050	2350	6390	3200	5040	5440	3020	1300	2090
6	3600	2860	5230	5250	2890	6160	3000	5020	5250	3300	2650	2100
7	1780	1380	2820	5040	2980	15100	3760	5640	5780	3510	1660	3040
8	2390	1370	2740	4710	2930	19800	5120	5980	15500	2430	1310	5520
9	1710	1860	2830	2850	3900	14300	3670	15300	3930	3070	1300	6050
10	2360	4810	2810	2400	4110	11800	3020	17600	5540	3570	3210	5950
11	2030	2020	2790	2960	3260	6990	3730	10700	9790	2360	3050	2110
12	2270	3240	3840	3800	2500	6410	5030	8620	8600	1880	1820	2430
13	2750	3680	2870	3870	2130	6180	5030	6520	15100	3130	2120	3000
14	2260	2210	2880	4040	2120	6120	3480	6320	11300	2770	5500	3640
15	2010	2040	2910	2240	3110	5880	3640	6140	16900	1350	7600	2960
16	1600	2980	3530	2170	4630	5900	4910	6080	6620	1890	10000	2210
17	1630	1430	2400	3490	5730	6280	2450	4550	9610	1840	5800	2160
18	1960	2230	2670	4020	6110	3940	3500	4010	8520	3000	2800	2170
19	3070	2830	2070	3050	6140	5100	3870	2640	10200	2580	3500	2160
20	2490	2870	2990	2400	5960	7830	4130	5510	6150	2260	4300	2160
21	1290	2910	3530	2240	3360	9050	6690	4930	4650	2360	7000	2040
22	1250	1860	2090	2220	2900	8000	28300	2930	3270	2410	5500	2020
23	1240	2750	2110	2480	4960	6970	33100	3370	4360	4320	4500	2030
24	1630	2800	2830	4230	6710	8600	18100	3790	3820	4170	2400	3500
25	4030	2760	2840	5990	14800	6980	6700	3800	3690	2700	2050	3900
26	4870	2360	3740	5950	18500	11400	6120	2960	3350	3010	4000	3640
27	1730	2700	4140	5980	33500	18600	6070	2960	6360	3500	4700	2950
28	1590	2500	3210	6100	29400	11300	6070	2940	3100	2020	2350	2930
29	2040	1360	3730	5180	17800	7540	5950	4450	4150	1910	3560	4530
30	2450	1550	4520	4150	---	6420	5930	5010	2950	1970	4430	6460
31	2380	---	6160	4040	---	6560	---	4990	---	2400	2930	---
TOTAL	69610	72790	105610	121400	203360	264200	206740	171560	201400	92880	110180	94140
MEAN	2245	2426	3407	3916	7012	8523	6891	5534	6713	2996	3554	3138
MAX	4870	4810	6160	6100	33500	19800	33100	17600	16900	6160	10000	6460
MIN	1240	1360	2050	2170	2120	3940	2450	2640	2890	1350	1300	2020
CFSM	.47	.51	.71	.82	1.46	1.78	1.44	1.16	1.40	.63	.74	.66
IN.	.54	.57	.82	.94	1.58	2.05	1.61	1.33	1.56	.72	.86	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	4474	4162	6189	7582	9132	9473	7008	5488	3905	3165	3853	2623
MAX	17360	12580	14020	14630	16960	17840	13290	12550	6713	6516	6999	3595	
(WY)	1991	1986	1984	1982	1990	1987	1983	1984	1992	1984	1991	1987	
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 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1981 - 1992
ANNUAL TOTAL	2383470	1713870	
ANNUAL MEAN	6530	4683	5574
HIGHEST ANNUAL MEAN			8501
LOWEST ANNUAL MEAN			3100
HIGHEST DAILY MEAN	46600	Mar 31	106000
LOWEST DAILY MEAN	1240	Oct 23	242
ANNUAL SEVEN-DAY MINIMUM	1850	Oct 17	797
INSTANTANEOUS PEAK FLOW			39800
INSTANTANEOUS PEAK STAGE			15.58
ANNUAL RUNOFF (CFSM)	1.36		.98
ANNUAL RUNOFF (INCHES)	18.51		13.31
10 PERCENT EXCEEDS	12000		7160
50 PERCENT EXCEEDS	4950		3500
90 PERCENT EXCEEDS	2070		2020
			1430

SANTÉE RIVER BASIN

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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 current year. All figures of discharge less than 700 ft³/s prior to October 1983 are unreliable and should not be used.

GAGE.--Data collection platform. Elevation of gage is 327 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.-- Records good except for estimated daily discharges, Oct. 1 - 15, Feb. 19, 20, 26, 27, June 15 - 18, Sept. 9 - 11, 13 - 17, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.8	3.3	4.7	9.0	6.3	26	16	5.9	2.8	3.2	1.0	4.5
2	5.4	3.6	3.9	6.4	5.8	22	14	5.2	2.7	3.8	.84	4.5
3	5.0	3.4	9.6	39	5.6	19	12	5.2	2.7	3.1	.94	4.5
4	4.5	3.5	16	28	5.5	17	11	5.2	9.6	2.6	.84	4.5
5	4.0	3.4	5.1	14	5.4	15	9.4	5.2	15	2.3	.71	5.9
6	3.5	3.4	4.0	9.3	5.1	117	8.3	5.5	5.6	2.2	.78	17
7	3.3	3.4	3.9	6.9	5.0	340	8.6	12	4.4	2.0	.92	4.8
8	3.1	3.3	3.8	5.9	4.7	57	8.5	40	11	1.8	.95	3.3
9	2.9	3.9	3.9	5.9	4.5	37	7.6	28	23	1.7	2.1	2.8
10	2.8	11	3.6	5.8	4.6	31	7.0	17	14	1.6	1.0	5.0
11	2.7	5.4	3.2	4.9	5.5	27	6.7	8.0	7.9	1.5	.82	12
12	2.8	3.8	3.2	4.7	5.3	22	6.4	6.0	7.3	1.3	1.3	4.3
13	3.0	3.6	3.4	4.9	5.3	18	6.2	5.2	6.5	1.3	35	4.0
14	2.9	3.6	3.5	7.3	5.3	15	5.6	5.2	21	1.2	42	3.6
15	2.7	3.6	3.2	5.2	18	13	5.4	4.7	12	1.1	10	3.0
16	3.0	3.6	2.8	4.7	41	10	5.3	4.7	9.0	1.0	5.8	2.9
17	3.0	3.6	2.9	4.4	19	9.1	5.1	4.4	5.5	1.1	251	2.8
18	2.9	3.4	2.9	4.4	17	9.0	4.8	4.2	4.5	1.3	64	2.9
19	2.9	3.4	2.7	4.9	20	18	4.7	4.2	4.1	1.2	18	2.9
20	2.9	3.5	2.9	4.5	17	17	7.2	3.9	3.7	1.2	16	2.9
21	2.6	3.6	3.1	4.4	12	17	84	3.6	3.3	1.1	50	3.0
22	3.0	3.8	3.1	4.2	10	13	203	3.0	4.1	1.3	18	3.0
23	3.1	3.6	3.4	46	61	41	37	3.0	3.1	2.5	7.7	2.9
24	3.1	3.3	5.1	39	65	26	26	2.9	2.9	1.5	5.9	16
25	3.1	3.0	3.8	18	194	24	19	2.7	2.7	1.2	5.8	9.8
26	3.2	3.0	3.3	12	350	345	12	2.8	3.2	1.1	5.4	6.4
27	3.3	3.0	4.8	9.2	55	65	9.3	3.0	2.6	1.1	5.2	7.2
28	3.4	3.0	12	9.1	41	36	8.3	2.7	2.7	.90	5.3	11
29	3.1	3.2	63	8.3	32	28	7.1	3.3	11	.85	5.0	6.6
30	3.1	3.3	16	7.8	---	25	6.4	3.8	5.7	.84	4.6	5.1
31	3.2	---	14	7.1	---	22	---	3.2	---	.84	4.5	---
TOTAL	103.3	112.5	220.8	345.2	1025.9	1481.1	571.9	213.7	213.6	49.73	571.40	169.1
MEAN	3.33	3.75	7.12	11.1	35.4	47.8	19.1	6.89	7.12	1.60	18.4	5.64
MAX	5.8	11	63	46	350	345	203	40	23	3.8	251	17
MIN	2.6	3.0	2.7	4.2	4.5	9.0	4.7	2.7	2.6	.84	.71	2.8
CFSM	.13	.15	.28	.44	1.39	1.87	.75	.27	.28	.06	.72	.22
IN.	.15	.16	.32	.50	1.50	2.16	.83	.31	.31	.07	.83	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	22.9	16.8	26.1	38.1	52.3	44.5	21.8	13.0	6.14	10.1	17.1	5.58
MAX	135	67.6	107	83.6	107	129	49.6	67.7	16.2	68.4	73.6	18.4	18.4
(WY)	1991	1986	1984	1984	1990	1991	1983	1984	1989	1989	1991	1986	1986
MIN	1.18	1.45	3.86	5.08	11.8	5.62	4.57	3.30	1.15	1.06	.90	.000	.000
(WY)	1988	1982	1989	1981	1986	1985	1985	1988	1988	1988	1983	1983	1983

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	12668.0	5078.23	22.8	
ANNUAL MEAN	34.7	13.9	50.0	
HIGHEST ANNUAL MEAN			8.26	1991
LOWEST ANNUAL MEAN				1988
HIGHEST DAILY MEAN	1810	Mar 3	1810	Mar 3 1991
LOWEST DAILY MEAN	2.3	Jul 27	.00	* Jul 5 1982
ANNUAL SEVEN-DAY MINIMUM	2.8	Oct 9	.00	Jul 5 1982
INSTANTANEOUS PEAK FLOW			5470	Mar 3 1991
INSTANTANEOUS PEAK STAGE			9.39	Mar 3 1991
ANNUAL RUNOFF (CFSM)	1.36		.89	
ANNUAL RUNOFF (INCHES)	18.48		12.13	
10 PERCENT EXCEEDS	53		40	
50 PERCENT EXCEEDS	8.2		4.7	
90 PERCENT EXCEEDS	3.0		2.2	

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

SANTEE RIVER BASIN

02162010 CEDAR CREEK NEAR BLYTHEWOOD, SC

LOCATION.--Lat 34°11'44'', long 81°06'13'', Richland County, Hydrologic Unit 03050106, on right bank, at downstream side of bridge on State Road 59, 0.2 mi above Williams Branch, 8.0 mi southwest of Blythewood, and at mile 6.9.

DRAINAGE AREA.--48.9 mi².

PERIOD OF RECORD.--December 1966 to September 1983; February 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for daily discharges, Oct. 1 to May 6, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.3	7.7	15	11	10	37	41	16	7.5	8.1	1.2	3.3
2	9.6	8.2	17	9.9	9.5	28	36	15	6.8	6.1	1.1	3.1
3	12	8.4	18	30	9.3	22	31	13	6.5	4.9	1.0	3.0
4	13	8.9	40	34	8.5	20	27	13	16	4.2	1.0	27
5	11	9.0	17	18	8.3	19	24	11	27	3.6	1.6	8.9
6	11	8.9	12	13	8.6	78	22	11	10	3.1	7.6	24
7	11	8.6	10	11	8.2	356	22	28	7.6	2.7	3.5	18
8	10	8.6	11	9.9	7.8	107	23	159	11	2.3	2.2	8.8
9	9.5	9.7	10	9.5	7.5	65	21	61	68	2.1	1.6	6.3
10	9.7	32	10	9.7	7.4	51	20	36	39	2.0	1.5	5.1
11	10	16	9.8	9.0	7.8	48	18	25	19	1.9	1.4	7.3
12	10	10	8.6	8.4	8.9	40	17	18	13	1.7	2.3	4.6
13	10	8.5	8.7	8.9	8.9	36	16	15	12	1.6	1.7	4.0
14	9.4	8.0	9.3	27	9.2	34	14	14	48	1.5	111	3.7
15	9.1	8.1	9.5	20	14	33	13	12	35	1.5	32	3.6
16	7.2	8.6	8.8	13	55	31	14	10	18	1.4	11	3.3
17	5.3	9.5	8.2	11	31	30	13	9.4	15	1.4	68	3.0
18	6.1	11	8.4	10	32	29	12	8.6	11	1.7	106	3.0
19	6.1	10	8.7	13	48	40	12	8.6	8.5	4.8	30	3.0
20	6.0	11	8.4	17	43	51	16	8.6	7.0	3.7	93	3.0
21	6.3	12	8.3	14	34	57	300	7.5	6.3	2.7	18	3.0
22	6.7	17	9.1	12	30	46	315	6.8	5.8	2.7	9.7	3.1
23	6.8	17	10	58	123	66	81	6.4	5.4	73	7.0	3.3
24	6.9	18	17	53	109	60	50	6.3	5.9	14	5.6	8.6
25	7.3	16	19	26	289	54	37	6.2	4.5	5.6	4.6	14
26	7.7	13	12	18	319	268	30	6.2	3.8	3.7	4.0	5.9
27	8.1	11	12	14	113	112	25	6.5	3.4	2.6	7.6	5.5
28	8.6	11	22	13	70	77	24	6.6	4.9	1.9	9.3	5.6
29	8.4	12	83	12	50	62	21	7.0	4.9	1.7	5.4	5.8
30	7.8	13	23	11	---	51	18	8.9	5.7	1.4	4.1	4.6
31	7.5	---	14	11	---	48	---	8.5	---	1.3	3.6	---
TOTAL	267.4	350.7	477.8	535.3	1479.9	2056	1313	569.1	436.5	170.9	572.9	205.4
MEAN	8.63	11.7	15.4	17.3	51.0	66.3	43.8	18.4	14.5	5.51	18.5	6.85
MAX	13	32	83	58	319	356	315	159	68	73	111	27
MIN	5.3	7.7	8.2	8.4	7.4	19	12	6.2	3.4	1.3	1.0	3.0
CFSM	.18	.24	.32	.35	1.04	1.36	.90	.38	.30	.11	.38	.14
IN.	.20	.27	.36	.41	1.13	1.56	1.00	.43	.33	.13	.44	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1992, BY WATER YEAR (WY)

	MEAN	22.6	18.5	34.9	80.6	72.0	103	63.7	29.6	31.7	27.6	20.9	15.3
MAX	164	107	162	239	200	298	185	121	183	164	73.3	75.6	
(WY)	1991	1977	1982	1978	1973	1980	1969	1978	1973	1975	1967	1987	
MIN	3.77	3.08	4.97	9.74	14.2	11.2	9.35	5.02	2.82	1.29	1.84	.71	
(WY)	1969	1975	1989	1986	1986	1985	1986	1986	1986	1986	1988	1986	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1967 - 1992

ANNUAL TOTAL	19061.6	8434.9	
ANNUAL MEAN	52.2	23.0	
HIGHEST ANNUAL MEAN			44.7
LOWEST ANNUAL MEAN			76.8
HIGHEST DAILY MEAN	1350	Mar 3	17.4
LOWEST DAILY MEAN	5.3	Oct 17	2520
ANNUAL SEVEN-DAY MINIMUM	6.2	Oct 17	.07
INSTANTANEOUS PEAK FLOW			.09
INSTANTANEOUS PEAK STAGE			4870
INSTANTANEOUS LOW FLOW			18.42
ANNUAL RUNOFF (CFSM)	1.07		.07
ANNUAL RUNOFF (INCHES)	14.50		.91
10 PERCENT EXCEEDS	83		12.41
50 PERCENT EXCEEDS	30		73
90 PERCENT EXCEEDS	9.0		15
			3.7

* Also occurred on Aug. 4

** Also occurred on Aug. 4, 5.

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 National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Oct. 16 - 21, Nov 27 to Dec. 31, Jan. 3 - 10, 14 - 16, Jan. 19 to Feb. 21, June 8, 9, 28, 29, July 22 to Aug. 11, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.3	2.0	2.1	3.1	4.5	4.8	3.5	1.9	1.6	3.5	2.1	2.1
2	13	1.9	2.2	3.8	2.5	4.3	3.2	1.9	1.5	2.8	2.1	2.1
3	5.3	4.3	8.0	20	2.0	3.9	3.1	1.9	2.5	2.6	8.4	15
4	4.3	1.9	20	9.0	3.5	3.7	3.0	1.8	20	2.5	2.0	3.0
5	4.3	2.0	5.0	5.0	5.0	3.5	2.8	1.7	1.9	2.1	4.7	44
6	4.2	1.9	3.5	4.5	8.0	47	2.6	11	1.5	2.1	1.9	13
7	4.0	1.9	3.2	4.0	5.0	10	2.6	31	1.4	1.7	5.4	2.9
8	4.0	1.9	2.9	30	4.0	5.8	2.6	12	158	1.7	1.9	2.5
9	4.0	40	2.6	8.0	3.0	5.0	2.6	3.0	21	1.6	1.9	2.2
10	3.7	6.2	2.4	4.0	2.7	5.5	2.6	2.3	5.3	1.5	1.7	2.1
11	3.7	2.9	2.3	2.8	2.5	4.8	2.6	2.1	16	1.5	1.5	1.8
12	3.4	2.4	2.2	2.8	2.3	4.0	2.6	2.1	7.5	1.5	28	1.7
13	3.4	2.2	2.2	12	2.2	3.7	2.4	2.0	3.6	1.5	78	1.7
14	3.3	2.2	4.5	6.0	2.1	3.5	2.3	2.0	26	1.5	52	1.7
15	20	2.4	3.5	3.0	11	3.4	3.2	1.8	3.7	1.9	8.3	1.7
16	3.3	2.1	2.5	2.4	1.6	3.4	2.3	1.7	4.8	1.3	3.5	1.7
17	2.8	2.1	2.2	2.3	7.0	3.3	2.1	1.7	2.9	1.4	126	1.7
18	2.6	2.0	2.1	11	3.5	3.5	2.1	1.7	3.0	7.8	12	1.7
19	2.4	2.1	2.0	20	2.3	18	2.4	1.7	2.8	7.0	13	1.7
20	2.2	2.2	1.9	8.0	2.3	9.4	13	1.7	2.3	1.8	14	11
21	2.0	3.0	1.9	6.0	2.3	3.5	50	1.7	2.1	1.3	4.4	53
22	1.9	4.0	2.0	4.5	2.3	3.3	4.4	1.5	2.1	94	3.6	2.6
23	1.9	2.1	2.3	30	71	20	3.1	1.5	2.0	22	3.3	2.1
24	1.9	2.0	5.0	10	7.7	3.4	2.7	1.5	1.9	4.8	2.9	10
25	1.9	1.9	3.5	7.0	62	55	2.5	1.6	1.9	3.2	2.6	3.5
26	1.9	1.9	3.0	5.0	24	40	2.1	1.7	1.9	2.6	2.3	2.1
27	1.9	1.9	5.0	4.0	7.7	6.8	2.1	1.6	63	2.5	38	4.1
28	1.9	1.9	15	3.0	6.2	5.0	2.9	1.6	52	2.4	9.7	4.1
29	1.8	1.9	60	5.0	5.4	4.3	2.0	3.6	15	2.3	2.7	2.1
30	1.7	2.0	10	7.0	---	5.0	1.9	2.6	5.9	2.2	2.3	1.9
31	4.2	---	3.1	10	---	3.9	---	1.4	---	2.2	2.2	---
TOTAL	121.2	109.2	188.1	253.2	265.6	300.7	137.3	107.3	435.1	188.8	442.4	200.8
MEAN	3.91	3.64	6.07	8.17	9.16	9.70	4.58	3.46	14.5	6.09	14.3	6.69
MAX	20	40	60	30	71	55	50	31	158	94	126	53
MIN	1.7	1.9	1.9	2.3	1.6	3.3	1.9	1.4	1.4	1.3	1.5	1.7
CF5M	.69	.64	1.07	1.44	1.62	1.71	.81	.61	2.56	1.07	2.52	1.18
IN.	.80	.72	1.23	1.66	1.74	1.97	.90	.70	2.85	1.24	2.90	1.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1992, BY WATER YEAR (WY)

	MEAN	7.51	7.07	8.73	11.5	11.0	14.0	9.55	7.17	8.44	11.4	9.92	6.35
MAX	25.7	16.0	25.5	27.6	23.4	29.9	23.0	21.0	17.8	31.3	24.5	12.9	12.9
(WY)	1991	1987	1977	1987	1979	1980	1989	1991	1989	1991	1986	1987	1987
MIN	1.80	2.29	2.62	2.79	3.64	3.58	1.94	3.26	2.11	3.69	1.46	1.31	1.31
(WY)	1979	1985	1989	1986	1986	1985	1986	1977	1990	1977	1983	1985	1985

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1977 - 1992

ANNUAL TOTAL	4663.2	2749.7	9.58
ANNUAL MEAN	12.8	7.51	14.8
HIGHEST ANNUAL MEAN			6.44
LOWEST ANNUAL MEAN			322
HIGHEST DAILY MEAN	295	158	Jul 4 1989
LOWEST DAILY MEAN	1.7	1.3	Jul 16
ANNUAL SEVEN-DAY MINIMUM	1.9	1.5	Jul 11
INSTANTANEOUS PEAK FLOW		1640	Jun 8
INSTANTANEOUS PEAK STAGE		9.70	Jun 8
INSTANTANEOUS LOW FLOW		1.3 *	Feb 16
ANNUAL RUNOFF (CF5M)	2.25	1.33	.46 ** Aug 1 1980
ANNUAL RUNOFF (INCHES)	30.59	18.04	1.69
10 PERCENT EXCEEDS	25	15	22.97
50 PERCENT EXCEEDS	5.5	2.8	19
90 PERCENT EXCEEDS	2.2	1.7	3.6
			1.6

* Also occurred on May 28, 31, June 1 - 3, 7, 8, July 15 - 17, 20 - 22.

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

SANTEE RIVER BASIN

02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

LOCATION.--Lat 34°02'00'', long 81°04'09'', Richland County, Hydrologic Unit 03050106, at Diversion Dam, 1.7 mi above confluence of Broad and Saluda Rivers, 3.0 mi northwest of Columbia, and at mile 177.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--October 1986 to current year. Records for October 1981 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above National Geodetic Vertical Datum of 1929. 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, 47.16 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 58.22 ft, Apr. 23; minimum, 49.91 ft, July 16.

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.10	51.56	52.20	53.62	52.42	54.93	54.04	53.38	53.62	53.37	51.48	52.36
2	50.70	52.31	51.64	51.70	51.70	54.32	53.70	51.49	53.69	53.99	51.72	51.52
3	50.13	52.11	52.46	52.68	51.86	54.04	52.95	51.24	52.09	54.04	52.14	52.74
4	52.14	52.16	53.88	52.69	52.26	53.50	53.84	52.25	51.97	53.23	51.73	51.47
5	52.30	52.59	53.88	53.66	52.15	54.06	52.82	53.20	54.04	51.74	51.29	51.33
6	52.18	51.92	53.91	53.67	51.94	54.06	52.59	53.81	53.77	52.51	50.53	51.32
7	51.34	51.33	51.84	53.65	52.02	55.49	52.61	53.79	54.08	52.85	52.34	51.35
8	50.42	51.68	51.82	53.63	52.12	56.44	53.53	54.15	55.28	52.42	51.46	53.46
9	51.52	52.33	51.68	52.75	52.37	55.69	53.44	54.76	53.74	51.41	51.24	53.94
10	50.58	53.19	51.89	52.02	52.94	55.17	52.46	55.86	52.74	52.04	51.26	53.94
11	51.60	51.80	51.80	52.36	52.27	54.49	52.89	55.05	54.58	52.11	52.49	52.74
12	51.89	52.02	52.02	52.56	52.37	54.01	53.13	54.23	54.32	50.92	51.92	51.16
13	51.89	52.40	52.39	52.23	52.54	53.86	53.22	54.17	55.21	51.65	51.40	52.33
14	51.79	51.56	52.20	52.56	52.52	53.83	52.76	53.86	54.92	51.93	53.64	52.82
15	51.29	52.02	52.20	52.00	52.62	53.73	52.21	53.81	55.36	51.13	54.11	52.36
16	51.12	52.11	52.72	51.46	53.58	53.72	53.17	53.72	54.34	50.16	53.98	51.84
17	50.58	51.81	51.67	51.41	54.93	53.80	52.08	53.49	54.30	50.86	54.13	51.41
18	51.26	51.55	52.57	52.81	55.08	52.94	52.00	51.80	54.32	51.86	54.36	51.00
19	51.30	51.97	51.67	52.07	55.12	52.97	52.45	51.86	54.45	52.43	52.94	51.48
20	51.97	52.13	51.45	52.42	55.06	54.05	52.72	52.40	54.10	51.26	52.46	51.38
21	51.97	52.34	52.59	51.97	54.10	54.47	54.02	53.50	53.35	51.81	53.75	51.42
22	51.02	52.07	52.25	51.77	52.71	54.41	56.81	52.51	51.59	51.54	53.67	51.18
23	51.78	51.16	51.22	52.14	53.73	54.14	57.88	52.09	53.33	53.37	52.93	51.87
24	51.78	52.58	52.17	52.79	54.24	54.37	56.35	52.12	52.62	53.65	52.19	52.71
25	52.21	52.54	51.93	54.14	55.18	54.18	54.40	52.73	52.10	51.82	51.75	53.59
26	53.44	51.41	51.78	54.17	56.20	54.87	54.06	52.00	52.03	51.71	52.29	53.52
27	52.36	51.67	52.80	54.16	57.58	56.15	53.96	52.25	53.83	52.53	53.20	52.78
28	50.85	51.79	51.76	54.23	57.46	55.13	53.97	51.96	52.91	51.10	52.88	52.84
29	52.03	51.14	52.84	54.02	56.21	54.47	53.95	52.30	52.90	51.61	51.29	52.42
30	51.61	51.49	52.55	53.46	---	54.05	53.91	53.03	53.03	51.67	53.62	54.21
31	52.20	---	53.76	52.61	---	54.09	---	53.67	---	51.93	52.60	---
MEAN	51.56	51.96	52.31	52.82	53.63	54.37	53.60	53.11	53.62	52.09	52.48	52.28
MAX	53.44	53.19	53.91	54.23	57.58	56.44	57.88	55.86	55.36	54.04	54.36	54.21
MIN	50.13	51.14	51.22	51.41	51.70	52.94	52.00	51.24	51.59	50.16	50.53	51.00

CAL YR 1991 MEAN 53.33 MAX 57.72 MIN 50.13
WTR YR 1992 MEAN 52.81 MAX 57.88 MIN 50.13

LOCATION.--Lat 33°59'59", long 81°03'00", Richland County, Hydrologic Unit 03050110, on left bank of the diversion canal, approximately 300 ft above Gervais Street Bridge, at South Carolina Electric and Gas hydroelectric power plant, which is located on left bank of Congaree River, at Columbia.

PERIOD OF RECORD.--October 1985 to current year. Records for May 1975 to September 1985 are in the files of the U.S. Geological Survey.

REMARKS.--Stage regulated by the flow in the Broad River by South Carolina Electric and Gas hydroelectric plant operations.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.30 ft, June 8; minimum, 47.95 ft, Dec. 29.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50.08	51.14	51.74	51.43	50.44	52.54	51.88	---	52.17	52.02	50.71	51.58
2	50.39	51.89	50.76	50.90	50.36	52.48	51.89	---	52.28	52.67	51.11	50.94
3	49.84	51.68	50.78	50.47	51.28	52.71	51.59	---	50.58	52.73	51.53	51.56
4	51.71	51.73	51.92	50.20	51.71	52.10	51.92	---	50.84	51.87	51.30	50.74
5	50.55	51.87	51.84	51.28	51.60	52.73	51.31	51.95	52.87	51.07	50.78	50.48
6	50.45	50.72	51.92	51.26	50.88	52.65	51.67	52.64	52.75	51.31	50.46	50.49
7	50.13	50.71	50.33	51.30	50.96	53.61	51.79	52.39	53.11	52.11	51.64	50.66
8	50.02	51.58	50.75	51.66	51.06	51.21	51.59	52.63	52.92	51.29	51.35	51.93
9	50.67	52.14	50.55	51.36	51.06	53.18	51.82	51.93	51.66	50.96	51.03	52.57
10	50.02	51.63	50.81	51.17	51.31	52.55	51.50	50.81	51.53	50.86	50.68	52.56
11	51.07	51.00	50.71	51.36	50.46	52.21	51.88	52.06	53.28	50.98	51.50	51.59
12	51.33	51.19	50.70	51.13	50.96	52.23	50.85	52.36	52.72	50.26	50.96	50.30
13	50.96	50.48	50.94	50.06	50.94	51.95	50.92	52.33	53.48	51.17	51.04	51.48
14	50.93	50.49	51.19	50.45	50.96	51.84	50.86	51.87	53.10	51.02	52.46	51.88
15	50.74	51.70	51.18	50.61	50.81	51.68	---	51.80	53.31	50.28	52.79	50.87
16	50.62	51.51	51.55	50.34	50.22	51.65	---	51.66	52.20	50.06	52.62	51.30
17	50.34	51.10	50.70	50.24	52.34	51.80	---	51.45	52.44	50.30	52.80	50.74
18	50.81	51.24	51.69	51.11	52.62	51.08	---	50.55	52.44	51.21	53.10	50.27
19	50.67	50.93	50.96	50.22	52.71	51.21	---	50.28	52.64	51.57	51.69	51.02
20	50.41	51.11	50.79	51.39	52.66	52.19	---	50.95	52.02	50.70	50.84	50.77
21	51.83	51.38	50.88	51.25	51.82	52.79	---	51.41	51.27	50.97	52.33	50.87
22	50.84	51.12	51.20	51.04	50.40	52.82	---	51.56	50.32	50.98	52.20	50.62
23	51.68	50.45	50.91	51.34	51.49	52.60	---	51.23	---	52.03	51.41	51.50
24	51.57	51.72	51.10	51.25	52.92	52.65	---	50.85	51.55	52.20	51.15	52.09
25	51.40	51.67	50.79	52.58	53.39	52.37	---	50.64	50.76	51.01	51.29	52.58
26	51.53	50.50	50.49	52.66	53.00	53.14	---	51.15	51.02	50.69	51.58	52.48
27	51.22	50.70	50.06	52.75	53.46	53.08	---	51.42	52.39	51.11	51.78	51.91
28	50.70	50.77	50.17	52.92	52.27	52.02	---	51.03	51.65	50.31	51.63	52.07
29	51.62	50.62	50.44	52.47	51.72	51.85	---	50.92	51.71	51.23	50.43	51.29
30	51.10	51.31	50.24	51.85	---	51.89	---	50.70	52.10	51.32	52.22	53.26
31	51.33	---	51.39	50.69	---	52.09	---	52.24	---	51.57	51.80	---
MEAN	50.86	51.20	50.95	51.25	51.58	52.29	51.53	51.51	52			

CAL YR 1991	MEAN 52.05	MAX 54.13	MIN 48.98
WTR YR 1992	MEAN 51.45	MAX 53.61	MIN 49.84

SANTEE RIVER BASIN

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12'', long 82°32'16'', Greenville County, Hydrologic Unit 03050109, on right bank, downstream side of bridge at State Road 41, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 1,078 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Feb. 5 to Mar. 10, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	30	97	38	44	98	67	71	59	65	33	68
2	33	31	175	37	42	92	64	68	56	67	33	70
3	32	26	243	71	41	90	64	66	81	60	32	94
4	31	26	133	53	41	89	62	63	349	55	35	78
5	70	25	87	46	40	140	59	63	155	52	34	133
6	51	25	77	43	39	200	59	72	106	52	36	120
7	36	25	76	43	38	165	59	97	89	50	34	88
8	34	25	67	42	37	113	57	166	81	48	35	76
9	34	26	63	43	36	100	55	108	107	46	34	68
10	33	32	57	41	36	165	54	88	132	45	31	64
11	32	27	49	39	35	128	58	79	154	43	30	63
12	31	25	45	38	35	113	65	73	131	41	30	58
13	29	25	42	51	36	105	54	82	131	40	117	55
14	29	25	47	77	46	98	52	77	129	40	57	53
15	32	25	43	53	74	92	52	68	135	40	51	50
16	30	25	42	47	52	87	50	64	110	40	104	48
17	29	25	41	45	57	84	48	61	137	40	56	46
18	28	25	40	44	66	86	48	61	115	51	47	47
19	28	31	38	42	55	121	48	71	102	46	40	47
20	28	27	38	41	52	105	184	65	92	39	47	45
21	28	42	42	40	48	94	456	60	85	63	45	45
22	28	89	37	39	76	90	206	56	80	45	130	68
23	28	45	38	130	118	93	135	54	76	68	141	52
24	28	36	37	78	110	85	114	52	73	89	100	46
25	28	32	33	63	220	88	101	52	69	58	72	43
26	27	31	34	57	170	91	92	63	69	47	59	43
27	27	30	34	54	131	82	86	57	67	42	77	97
28	27	28	62	53	110	78	82	57	64	39	363	84
29	26	28	55	49	101	76	78	75	65	37	126	77
30	26	39	44	47	---	75	75	89	67	36	91	59
31	26	---	39	46	---	71	---	67	---	35	77	---
TOTAL	981	931	1955	1590	1986	3194	2684	2245	3166	1519	2197	1985
MEAN	31.6	31.0	63.1	51.3	68.5	103	89.5	72.4	106	49.0	70.9	66.2
MAX	70	89	243	130	220	200	456	166	349	89	363	133
MIN	26	25	33	37	35	71	48	52	56	35	30	43
CFSM	1.51	1.48	3.00	2.44	3.26	4.91	4.26	3.45	5.03	2.33	3.37	3.15
IN.	1.74	1.65	3.46	2.82	3.52	5.66	4.75	3.98	5.61	2.69	3.89	3.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	35.5	39.0	62.6	59.1	73.1	77.9	72.7	64.6	55.9	42.6	42.3	33.8
MAX	94.3	73.5	129	98.6	158	180	126	122	106	88.5	70.9	66.2	
(WY)	1990	1987	1984	1991	1990	1990	1983	1984	1992	1989	1992	1992	
MIN	14.2	13.6	25.1	19.6	37.4	32.8	34.8	27.3	21.3	18.9	15.9	15.1	
(WY)	1982	1982	1989	1981	1989	1988	1986	1986	1988	1981	1981	1981	

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1981 - 1992

	ANNUAL TOTAL	24148	ANNUAL MEAN	66.2	24433	66.8	55.5	79.5	28.3	1990
HIGHEST ANNUAL MEAN										1981
LOWEST ANNUAL MEAN										1981
HIGHEST DAILY MEAN	564	Mar 29	456	Apr 21	936	Mar 17	1990			
LOWEST DAILY MEAN	25	Nov 5	25	*Nov 5	10	**Sep 29	1981			
ANNUAL SEVEN-DAY MINIMUM	25	Nov 12	25	Nov 12	11	Sep 27	1981			
INSTANTANEOUS PEAK FLOW			925	Aug 28	***5190	Jun 11	1986			
INSTANTANEOUS PEAK STAGE			5.50	Aug 28	11.21	Jun 11	1986			
INSTANTANEOUS LOW FLOW			25	***Nov 9	8.9	Oct 7	1981			
ANNUAL RUNOFF (CFSM)	3.15		3.18		2.64					
ANNUAL RUNOFF (INCHES)	42.78		43.28		35.90					
10 PERCENT EXCEEDS	98		114		97					
50 PERCENT EXCEEDS	59		54		43					
90 PERCENT EXCEEDS	30		30		19					

* Also occurred on Nov. 6 - 8, 12 - 18.

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

*** Based on rating curve extended above 400 ft³/s on basis of contracted-opening measurement of peak flow.

**** Also occurred on Nov. 14 - 19.

SANTEE RIVER BASIN

02162500 SALUDA RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°50'32'', long 82°28'51'', Pickens County, Hydrologic Unit 03050109, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of city hall in Greenville, and at mile 132.0.

DRAINAGE AREA.--295 mi².

PERIOD OF RECORD.--January 1942 to September 1978, October 1978 to January 1990 (crest-stage partial record), February 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 797.48 ft above National Geodetic Vertical datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Jan. 20, Feb. 25, 26, Apr. 21, 22, June 20 - 23, July 5, 6, which are fair. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. About 60.6 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	391	318	337	394	377	787	641	630	519	364	287	674
2	387	305	530	391	391	665	603	619	509	359	303	599
3	386	339	879	484	389	549	594	564	467	361	309	561
4	384	341	1110	434	374	566	559	546	1140	368	297	693
5	380	337	753	578	343	570	541	511	1710	350	301	614
6	480	420	578	546	354	889	520	535	1030	340	262	672
7	508	440	544	414	356	2210	530	650	785	330	287	665
8	411	293	430	302	359	1510	514	1290	718	362	323	583
9	340	245	431	347	366	1070	519	1370	690	404	294	577
10	360	245	494	423	452	960	506	1060	1200	397	270	485
11	367	296	494	380	410	1010	516	985	1040	373	285	440
12	363	337	389	322	340	875	569	943	1160	373	301	625
13	355	335	273	487	362	802	726	891	1000	353	436	472
14	353	337	306	404	381	744	633	570	980	333	1030	387
15	354	314	474	400	437	705	604	270	1200	323	555	410
16	374	269	433	474	966	667	597	347	1160	323	456	407
17	350	295	311	381	740	633	443	583	963	351	765	397
18	330	336	285	329	711	633	415	565	1300	331	554	444
19	356	337	325	418	676	1000	455	600	1050	342	597	462
20	344	337	351	380	513	1010	569	596	832	350	544	439
21	386	336	350	332	467	922	2500	621	800	315	622	458
22	336	338	350	344	629	813	2720	507	700	417	623	487
23	304	479	350	498	863	834	1540	460	600	414	1390	891
24	319	427	424	941	1520	795	1100	490	707	441	1360	600
25	308	324	401	683	2200	703	906	456	619	509	759	428
26	316	313	339	552	3360	786	815	485	385	391	598	456
27	336	324	350	444	2110	768	744	504	541	348	574	974
28	344	333	358	449	1170	704	716	472	467	373	1410	1370
29	341	333	649	562	850	669	673	488	383	344	2010	712
30	337	333	596	351	---	651	647	600	351	325	988	723
31	335	---	525	355	---	648	---	673	---	272	782	---
TOTAL	11235	10016	14419	13799	22466	26148	23415	19881	25006	11236	19572	17705
MEAN	362	334	465	445	775	843	780	641	834	362	631	590
MAX	508	479	1110	941	3360	2210	2720	1370	1710	509	2010	1370
MIN	304	245	273	302	340	549	415	270	351	272	262	387
CFSM	1.23	1.13	1.58	1.51	2.63	2.86	2.65	2.17	2.83	1.23	2.14	2.00
IN.	1.42	1.26	1.82	1.74	2.83	3.30	2.95	2.51	3.15	1.42	2.47	2.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1992, BY WATER YEAR (WY)

	MEAN	473	491	638	757	841	960	909	733	613	497	461	430
MAX	1631	994	1445	1875	1478	1807	1562	1506	1208	1435	1054	1241	
(WY)	1965	1949	1962	1946	1946	1990	1962	1973	1961	1949	1949	1949	
MIN	89.8	169	189	158	445	387	405	395	252	206	146	113	
(WY)	1955	1955	1956	1956	1956	1959	1955	1967	1970	1956	1970	1956	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1942 - 1992
ANNUAL TOTAL	236479	214898	
ANNUAL MEAN	648	587	650
HIGHEST ANNUAL MEAN			965
LOWEST ANNUAL MEAN			346
HIGHEST DAILY MEAN	2240	Mar 30	8580
LOWEST DAILY MEAN	173	Sep 27	70
ANNUAL SEVEN-DAY MINIMUM	298	Nov 8	86
INSTANTANEOUS PEAK FLOW			* 11000
INSTANTANEOUS PEAK STAGE			19.38
INSTANTANEOUS LOW FLOW			28
ANNUAL RUNOFF (CFSM)	2.20		2.20
ANNUAL RUNOFF (INCHES)	29.82		29.93
10 PERCENT EXCEEDS	1040	992	1130
50 PERCENT EXCEEDS	586	473	529
90 PERCENT EXCEEDS	336	323	260

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

SANTÉE RIVER BASIN
02163500 SALUDA RIVER NEAR WARE SHOALS, SC

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.--Water-stage recorder and data collection platform. Elevation of gage is 448 ft above National Geodetic Vertical Datum of 1929 (by barometer).

REMARKS.--No estimated daily discharges. Records good, except 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 60.8 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	673	501	601	640	503	1430	841	675	870	832	496	925
2	437	454	551	676	517	1180	883	947	969	963	364	799
3	623	446	650	714	532	1090	815	755	590	761	373	562
4	479	509	1330	636	539	965	796	709	850	783	409	714
5	629	529	1330	720	552	779	785	776	1650	700	457	1150
6	553	519	972	612	518	1560	1040	878	1830	699	403	1330
7	496	522	707	715	518	3010	951	739	1310	720	395	1050
8	662	527	588	740	474	2970	617	1440	1050	555	417	817
9	709	565	639	518	526	1910	687	2430	1060	334	407	642
10	507	578	600	530	341	1540	897	1820	1380	552	397	628
11	509	550	630	521	506	1500	793	1470	1540	530	438	699
12	467	442	664	488	510	1340	654	1270	1370	523	406	501
13	572	432	616	492	468	1230	904	1260	1390	520	570	599
14	447	534	479	524	543	1130	981	1170	1350	515	852	659
15	489	519	488	623	558	948	941	1030	1290	392	1210	539
16	508	500	543	488	925	1000	809	614	1320	489	827	398
17	529	314	594	587	1300	876	770	591	1330	415	518	417
18	508	577	507	570	936	739	708	624	1300	456	933	529
19	535	537	415	486	885	1240	579	834	1350	534	739	484
20	475	542	456	509	622	1950	759	939	1280	554	560	475
21	535	519	479	535	674	1650	1640	936	1030	466	604	396
22	488	512	513	533	531	1410	3930	837	970	517	553	460
23	524	479	502	595	699	1500	2910	838	1010	549	847	569
24	449	561	561	1030	1740	1370	1810	580	692	593	1670	1080
25	489	811	542	1310	2150	1290	1510	739	832	507	1500	790
26	458	447	551	896	5340	1350	1180	640	934	655	1110	548
27	455	458	512	766	5450	1340	983	720	585	663	715	524
28	499	450	543	672	2920	1180	953	706	671	479	906	1630
29	498	517	812	541	1840	1110	883	744	1020	512	1720	1650
30	540	522	952	653	---	1040	931	727	905	445	1880	879
31	511	---	782	620	---	1090	---	712	---	426	1210	---
TOTAL	16253	15373	20109	19940	33617	42727	32940	29150	33728	17639	23886	22443
MEAN	524	512	649	643	1159	1378	1098	940	1124	569	771	748
MAX	709	811	1330	1310	5450	3010	3930	2430	1830	963	1880	1650
MIN	437	314	415	486	341	739	579	580	585	334	364	396
CFSM	.90	.88	1.12	1.11	2.00	2.37	1.89	1.62	1.94	.98	1.33	1.29
IN.	1.04	.98	1.29	1.28	2.15	2.74	2.11	1.87	2.16	1.13	1.53	1.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

	MEAN	665	739	969	1198	1352	1548	1391	1077	875	745	723	614
MAX	2623	2041	2603	2929	2430	3864	3005	2092	1775	1906	1990	1861	
(WY)	1965	1949	1962	1946	1990	1952	1964	1973	1979	1949	1940	1949	
MIN	149	261	323	310	528	519	473	387	215	151	219	142	
(WY)	1955	1982	1956	1956	1989	1988	1986	1988	1988	1986	1986	1981	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1939 - 1992
ANNUAL TOTAL	368502	307805	
ANNUAL MEAN	1010	841	990
HIGHEST ANNUAL MEAN			1569
LOWEST ANNUAL MEAN			438
HIGHEST DAILY MEAN	4240	5450	14400
LOWEST DAILY MEAN	284	314	11
ANNUAL SEVEN-DAY MINIMUM	470	403	61
INSTANTANEOUS PEAK FLOW		6380	** 20700
INSTANTANEOUS PEAK STAGE		11.48	22.85
ANNUAL RUNOFF (CFSM)	1.74	1.45	1.70
ANNUAL RUNOFF (INCHES)	23.59	19.71	23.16
10 PERCENT EXCEEDS	1630	1380	1790
50 PERCENT EXCEEDS	894	654	744
90 PERCENT EXCEEDS	508	459	330

* 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

181

02164000 REEDY RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°48'00'', long 82°21'55'', Greenville County, Hydrologic Unit 03050109, on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mi upstream from Brushy Creek, 2.5 mi upstream from dam at Conestee, 3.9 mi southeast of City Hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 mi².

PERIOD OF RECORD.--November 1941 to September 1971, June 1987 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Elevation of gage is 800 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good except for Oct. 1 to Jan. 9, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	29	55	41	36	78	61	40	36	110	27	27
2	24	34	41	38	35	75	57	38	33	44	20	50
3	26	27	157	146	35	69	52	38	62	39	19	38
4	27	25	83	101	34	61	52	35	191	34	17	30
5	29	24	48	74	34	54	52	33	67	30	32	150
6	32	25	38	55	35	471	50	84	44	29	27	60
7	28	24	32	42	32	191	54	145	39	29	25	37
8	26	24	29	37	32	98	51	436	56	27	24	31
9	26	26	29	33	32	77	48	126	208	26	24	29
10	27	81	36	33	32	132	48	74	83	24	21	38
11	26	37	31	32	32	112	48	57	62	23	20	105
12	25	28	29	32	32	88	48	50	70	22	19	43
13	24	24	27	32	32	80	50	51	50	22	325	29
14	24	24	37	55	32	77	50	49	62	20	106	27
15	27	24	41	34	211	74	50	43	77	20	40	26
16	27	24	35	32	183	69	51	40	49	20	59	24
17	26	24	31	32	81	65	48	40	44	21	35	22
18	24	24	27	30	74	71	48	70	42	86	30	22
19	24	25	27	30	64	571	47	57	40	47	28	22
20	24	26	26	28	48	193	186	49	37	23	66	22
21	24	26	26	29	44	140	518	40	35	22	63	22
22	24	48	26	29	45	108	117	37	34	75	86	79
23	24	39	40	318	411	165	70	35	33	52	98	92
24	24	32	95	94	160	114	57	35	40	29	57	97
25	24	27	53	55	699	110	50	33	32	25	38	42
26	24	26	45	47	1010	161	46	42	30	35	32	36
27	24	26	40	44	228	92	45	37	36	45	31	424
28	24	26	195	47	116	75	45	33	70	27	122	205
29	24	26	151	42	94	73	42	50	72	22	43	79
30	24	27	79	39	---	73	40	93	41	20	32	50
31	24	---	52	38	---	70	---	42	---	43	29	---
TOTAL	785	882	1661	1719	3933	3887	2181	2032	1775	1091	1595	1958
MEAN	25.3	29.4	53.6	55.5	136	125	72.7	65.5	59.2	35.2	51.5	65.3
MAX	32	81	195	318	1010	571	518	436	208	110	325	424
MIN	24	24	26	28	32	54	40	33	30	20	17	22
CFSM	.52	.60	1.10	1.14	2.79	2.58	1.50	1.35	1.22	.72	1.06	1.34
IN.	.60	.68	1.27	1.32	3.01	2.98	1.67	1.56	1.36	.84	1.22	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1992, BY WATER YEAR (WY)

	MEAN	61.1	61.9	78.2	95.3	118	133	112	76.6	65.3	62.7	57.6	56.5
MAX	255	204	233	216	234	350	290	167	140	140	140	128	155
(WY)	1950	1949	1962	1946	1961	1952	1964	1991	1968	1968	1949	1949	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	14.1
(WY)	1955	1955	1956	1956	1988	1955	1942	1988	1988	1954	1954	1954	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1942 - 1992
ANNUAL TOTAL	31162	23499	
ANNUAL MEAN	85.4	64.2	82.1
HIGHEST ANNUAL MEAN			118
LOWEST ANNUAL MEAN			43.1
HIGHEST DAILY MEAN	912	May 19	2800
LOWEST DAILY MEAN	24	Oct 2	8.0
ANNUAL SEVEN-DAY MINIMUM	24	Oct 18	11
INSTANTANEOUS PEAK FLOW			4050
INSTANTANEOUS PEAK STAGE			10.12
INSTANTANEOUS LOW FLOW			4.6
ANNUAL RUNOFF (CFSM)	1.76		1.69
ANNUAL RUNOFF (INCHES)	23.85		22.96
10 PERCENT EXCEEDS	151		138
50 PERCENT EXCEEDS	52		53
90 PERCENT EXCEEDS	26		26

* Also occurred on Aug. 4.

SANTEE RIVER BASIN
02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'10'', Laurens County, Hydrologic Unit 03050109, on downstream side of State Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 mi².

PERIOD OF RECORD.--April 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area.

GAGE.--Data collection platform. Datum of gage is 453.86 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--Records fair except for estimated daily discharges, Oct. 1, 2, Jan. 20, 21, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN MAR	APR	MAY	JUN	JUL	AUG	SEP
1	180	133	166	184	201	404	470	448	348	374	44	177
2	180	185	157	166	201	398	214	316	258	382	97	172
3	143	139	203	188	195	286	241	216	225	340	112	147
4	139	197	399	193	181	181	275	207	208	255	134	78
5	208	193	297	260	175	145	280	192	1180	204	60	182
6	208	185	222	213	173	633	286	236	906	178	136	282
7	206	169	177	178	147	1750	284	289	397	148	82	511
8	205	132	172	238	168	991	277	1190	192	117	90	327
9	201	188	171	230	168	525	259	1530	359	172	122	159
10	196	190	158	175	167	430	243	1080	1080	166	151	159
11	167	191	117	174	169	595	217	927	1230	140	91	144
12	125	194	165	182	172	426	308	537	1080	60	174	154
13	175	195	165	196	172	301	299	396	648	71	135	164
14	129	193	162	185	172	271	224	542	486	79	393	158
15	178	190	158	167	179	251	206	469	350	153	803	127
16	134	189	158	175	432	226	299	413	308	229	386	153
17	200	186	158	182	828	212	221	355	418	194	198	126
18	172	185	158	175	381	212	216	324	353	176	184	91
19	126	170	158	169	306	515	287	311	291	179	173	101
20	199	132	158	169	306	1130	261	342	236	190	175	108
21	197	145	159	168	304	879	719	320	202	178	174	114
22	178	148	159	168	250	554	1610	286	195	181	192	150
23	72	198	146	150	284	762	1340	273	190	181	207	98
24	132	248	114	842	1040	953	917	204	186	207	383	261
25	217	237	223	489	1030	533	815	172	150	204	489	356
26	203	165	212	306	1890	851	436	173	174	183	296	327
27	195	120	162	260	2480	958	345	175	243	168	191	218
28	193	159	176	232	1090	720	607	174	181	164	190	724
29	190	122	421	220	590	455	274	179	362	169	198	974
30	171	169	688	212	---	360	348	181	462	172	204	469
31	108	---	410	202	---	534	---	378	---	132	199	---
TOTAL	5327	5247	6549	7048	13851	17441	12778	12835	12898	5746	6463	7211
MEAN	172	175	211	227	478	563	426	414	430	185	208	240
MAX	217	248	688	842	2480	1750	1610	1530	1230	382	803	974
MIN	72	120	114	150	147	145	206	172	150	60	44	78
CFSM	.73	.74	.90	.96	2.02	2.38	1.80	1.75	1.82	.79	.88	1.02
IN.	.84	.83	1.03	1.11	2.18	2.75	2.01	2.02	2.03	.91	1.02	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

MEAN	238	263	330	446	515	590	479	349	275	244	247	206
MAX	837	746	851	1002	952	1324	1249	825	728	652	745	692
(WY)	1965	1949	1962	1943	1960	1952	1964	1979	1972	1968	1940	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

SUMMARY STATISTICS

ANNUAL TOTAL			134640	113394					
ANNUAL MEAN			369	310			348		
HIGHEST ANNUAL MEAN							521		
LOWEST ANNUAL MEAN							171		
HIGHEST DAILY MEAN			1640	Mar 30	2480	Feb 27	8800	Mar 7	1964
LOWEST DAILY MEAN			72	Oct 23	44	Aug 1	4.8	Sep 9	1973
ANNUAL SEVEN-DAY MINIMUM			150	Dec 18	95	Aug 1	20	Oct 15	1951
INSTANTANEOUS PEAK FLOW					2890	Feb 27	11000	Sep 14	1973
INSTANTANEOUS PEAK STAGE					9.83	Feb 27	15.40	Sep 14	1973
INSTANTANEOUS LOW FLOW					42	Aug 1	2.7	Jul 6	1967
ANNUAL RUNOFF (CFSM)			1.56		1.31		1.48		
ANNUAL RUNOFF (INCHES)			21.22		17.87		20.05		
10 PERCENT EXCEEDS			744		615		619		
50 PERCENT EXCEEDS			264		198		260		
90 PERCENT EXCEEDS			158		135		90		

SANTEE RIVER BASIN

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

LOCATION.--Lat 34°31'12'', long 82°09'26'', Laurens County, Hydrologic Unit 03050109, at left bank, 125 ft upstream from U.S. Highway 76, 2.5 mi upstream from North Rabon Creek and 7.0 mi southwest of Gray Court.

DRAINAGE AREA.--29.5 mi².

PERIOD OF RECORD.--January 1967 to September 1981, May 1990 to current year.

GAGE.--Data Collection Platform. Datum of gage is 547.37 ft above National Geodetic Vertical Datum of 1929. Prior to May 1990, at datum 1.00 ft higher.

REMARKS.--Records good except estimated daily discharge, Jan. 20, which is poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	13	19	22	21	40	34	23	18	16	7.6	8.1
2	14	14	17	21	20	36	32	22	17	15	7.6	8.1
3	14	14	20	26	20	33	30	21	18	13	7.6	8.3
4	15	14	24	30	20	31	29	21	23	13	7.6	7.8
5	15	14	21	26	20	30	29	20	24	12	7.6	11
6	14	14	18	22	20	132	28	20	21	11	7.6	16
7	14	14	17	21	20	190	28	25	19	12	7.6	14
8	13	13	16	19	19	88	27	55	17	11	7.6	12
9	13	13	16	19	19	60	27	67	21	10	7.6	11
10	13	18	16	19	20	51	27	45	29	9.7	7.6	10
11	13	19	16	18	19	50	27	33	25	9.3	7.6	10
12	13	18	15	18	19	43	26	28	23	9.0	7.5	9.6
13	12	17	15	18	20	38	27	26	22	8.4	15	9.3
14	12	16	16	19	20	35	26	25	21	8.4	16	8.7
15	12	15	17	18	28	34	25	24	20	8.0	13	9.1
16	13	15	16	18	46	32	25	22	19	7.6	11	9.1
17	12	15	15	17	42	30	25	22	18	7.7	10	8.9
18	12	15	15	17	41	30	24	21	17	7.8	9.6	8.7
19	12	15	15	17	39	47	24	20	17	7.8	9.3	9.0
20	12	14	14	17	34	54	24	19	16	7.7	10	9.1
21	12	15	14	17	31	49	38	19	15	7.6	14	9.1
22	12	15	14	17	30	43	76	18	14	11	13	9.1
23	12	16	15	34	48	63	48	18	14	17	12	10
24	12	16	19	43	89	58	34	17	14	13	12	13
25	13	14	18	31	102	47	30	17	13	11	11	14
26	13	14	17	25	226	77	27	17	13	9.9	9.8	13
27	13	14	16	23	110	60	25	17	12	8.8	9.6	17
28	13	14	19	23	65	46	24	17	12	8.1	11	23
29	13	14	36	23	49	40	24	18	13	8.1	9.9	23
30	13	15	33	22	---	38	23	19	14	7.7	9.2	22
31	13	---	26	22	---	37	---	19	---	7.6	8.6	---
TOTAL	401	447	565	682	1257	1642	893	755	539	314.2	305.1	351.0
MEAN	12.9	14.9	18.2	22.0	43.3	53.0	29.8	24.4	18.0	10.1	9.84	11.7
MAX	15	19	36	43	226	190	76	67	29	17	16	23
MIN	12	13	14	17	19	30	23	17	12	7.6	7.5	7.8
CFSM	.44	.51	.62	.75	1.47	1.80	1.01	.83	.61	.34	.33	.40
IN.	.51	.56	.71	.86	1.59	2.07	1.13	.95	.68	.40	.38	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1992, BY WATER YEAR (WY)

	MEAN	26.3	29.8	38.7	58.6	51.3	66.2	49.8	41.7	31.9	23.2	20.5	22.3
MAX	62.9	51.4	99.2	99.5	99.7	137	89.3	77.8	70.2	48.0	41.4	121	
(WY)	1977	1969	1973	1972	1975	1975	1973	1975	1972	1968	1972	1973	
MIN	10.5	12.4	16.9	18.8	32.9	28.8	24.5	16.9	11.8	10.1	8.93	8.03	
(WY)	1979	1979	1979	1981	1978	1981	1981	1981	1970	1992	1990	1981	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1967 - 1992

ANNUAL TOTAL	12123	8151.3	
ANNUAL MEAN	33.2	22.3	
HIGHEST ANNUAL MEAN			38.7
LOWEST ANNUAL MEAN			62.2
HIGHEST DAILY MEAN	211	Mar 30	2520
LOWEST DAILY MEAN	12	Sep 16	21.6
ANNUAL SEVEN-DAY MINIMUM	12	Oct 17	3.4
INSTANTANEOUS PEAK FLOW			3.7
INSTANTANEOUS PEAK STAGE			4100
ANNUAL RUNOFF (CFSM)	1.13	7.5	9.86
ANNUAL RUNOFF (INCHES)	15.29	10.28	1.31
10 PERCENT EXCEEDS	57	38	17.83
50 PERCENT EXCEEDS	25	17	57
90 PERCENT EXCEEDS	14	9.1	27
			12

* Also occurred on Sept. 30, 1981.

SANTÉE RIVER BASIN

02166500 LAKE GREENWOOD NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'08'', long 81°54'30'', Newberry County, Hydrologic Unit 03050109, at upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi².

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) NGVD. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft NGVD. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir levels was first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 439.21 ft, Aug. 13; minimum, 434.71 ft, Feb. 22.

Capacity Table

(prepared from capacity curve drawn by D. T. Duncan, Engineer)

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet	Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
433.0	4.51	438.0	6.72
434.0	4.94	439.0	7.18
435.0	5.38	440.0	7.64
436.0	5.82	441.0	8.10
437.0	6.27	442.0	8.56

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.51	438.50	438.50	436.98	435.71	436.52	437.42	438.20	438.99	439.00	439.00	439.02
2	438.48	438.49	438.50	437.00	435.58	436.31	437.29	438.21	438.98	439.00	439.00	438.90
3	438.48	438.50	438.44	436.88	435.58	436.00	437.29	438.33	438.94	439.00	439.00	438.81
4	438.53	438.53	438.36	436.81	435.52	436.01	437.30	438.33	438.90	439.00	439.00	438.83
5	438.48	438.51	438.30	436.79	435.55	435.56	437.32	438.43	439.05	439.00	438.98	438.81
6	438.44	438.50	438.31	436.80	435.48	435.54	437.30	438.46	439.00	439.00	438.97	438.65
7	438.51	438.51	438.17	436.72	435.39	435.98	437.31	438.55	438.95	439.00	438.97	438.60
8	438.52	438.49	438.12	436.71	435.35	436.07	437.33	438.57	439.05	439.00	438.98	438.49
9	438.50	438.56	438.09	436.59	435.31	435.87	437.31	438.81	438.96	439.00	439.01	438.41
10	438.49	438.49	437.98	436.55	435.25	435.70	437.27	438.78	439.01	439.00	438.99	438.31
11	438.48	438.49	438.00	436.48	435.30	435.23	437.36	438.80	438.93	439.00	438.98	438.29
12	438.50	438.50	437.90	436.51	435.18	435.22	437.33	438.80	439.01	439.00	438.98	438.18
13	438.46	438.51	437.89	436.48	435.16	435.26	437.38	438.92	439.06	439.00	439.14	438.07
14	438.48	438.51	437.77	436.41	435.10	435.30	437.30	438.90	438.99	439.00	439.03	437.98
15	438.56	438.49	437.81	436.39	435.06	435.48	437.33	438.98	439.01	439.00	439.01	437.98
16	438.57	438.50	437.69	436.27	435.03	435.39	437.32	438.99	439.06	439.00	438.97	437.92
17	438.48	438.48	437.69	436.28	434.99	435.48	437.29	438.99	438.98	439.00	438.96	437.90
18	438.50	438.50	437.58	436.19	434.96	435.57	437.32	439.00	439.03	439.00	438.99	437.80
19	438.46	438.50	437.57	436.16	434.90	435.56	437.42	439.00	439.03	439.00	438.98	437.71
20	438.53	438.49	437.51	436.21	434.90	435.73	437.38	439.00	438.99	439.00	438.98	437.57
21	438.49	438.41	437.45	436.10	434.81	435.69	437.10	438.99	439.02	439.00	438.92	437.57
22	438.50	438.52	437.34	436.09	434.78	435.78	437.37	439.00	439.10	438.97	439.00	437.47
23	438.50	438.49	437.46	435.98	434.81	435.86	437.45	439.00	439.09	438.98	438.99	437.37
24	438.51	438.45	437.30	436.02	434.83	436.12	437.59	438.96	439.07	439.00	438.99	437.38
25	438.52	438.49	437.30	435.93	435.03	436.61	437.79	439.02	439.06	439.00	439.01	437.24
26	438.51	438.50	437.29	435.88	436.09	437.18	437.94	438.98	439.07	439.00	439.07	437.23
27	438.50	438.49	437.19	435.89	437.00	437.29	437.95	439.00	439.04	439.00	438.68	437.15
28	438.50	438.49	437.12	435.79	437.12	437.30	438.04	438.99	439.00	439.00	438.54	437.27
29	438.51	438.51	437.10	435.80	436.87	437.30	437.95	439.00	439.03	439.00	438.83	437.15
30	438.49	438.49	437.11	435.67	---	437.30	438.09	438.96	439.00	439.00	438.99	436.98
31	438.53	---	436.98	435.67	---	437.37	---	439.00	---	439.00	439.00	---
MAX	438.57	438.56	438.50	437.00	437.12	437.37	438.09	439.02	439.10	439.00	439.14	439.02
MIN	438.44	438.41	436.98	435.67	434.78	435.22	437.10	438.20	438.90	438.97	438.54	436.98
[+]	6.96	6.95	6.26	5.67	6.21	6.44	6.76	7.18	7.18	7.18	7.18	6.26
[*]	7.47	-3.86	-257.6	-220.3	215.5	85.9	123.5	156.8	0	0	0	-354.9

CAL YR 1991 * -0.95 MAX 440.01 MIN 434.53

WTR YR 1992 * -21.50 MAX 439.14 MIN 434.78

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'10'', long 81°54'10'', Newberry County, Hydrologic Unit 03050109, on left wingwall at downstream side of gated spillway, 200 ft below dam, on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE.--1,170 mi².

PERIOD OF RECORD.--October 1986 to current year. Records for May 1977 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 370 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 29.94 ft, Feb. 19, 1990; minimum, 5.40 ft, July 31, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.56 ft, Mar. 8; minimum, 5.45 ft, Oct. 13, 14.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.19	5.48	7.37	9.39	5.51	7.92	11.72	5.62	7.36	11.59	5.70	7.81
2	11.66	5.50	7.42	9.41	5.53	7.37	9.42	5.72	7.98	11.56	5.68	7.57
3	11.63	5.51	7.17	9.40	5.54	6.88	11.85	5.66	10.12	13.63	5.67	9.56
4	11.41	5.48	6.20	9.40	5.52	6.77	11.92	5.98	10.09	13.76	5.84	8.70
5	11.71	5.50	7.93	9.65	5.52	7.54	11.83	5.89	10.16	13.64	5.75	8.09
6	11.69	5.48	7.60	9.83	5.55	7.67	11.80	5.71	8.33	11.71	5.73	8.02
7	9.18	5.46	6.24	11.48	5.55	7.16	11.81	5.71	9.96	13.68	5.70	8.52
8	11.65	5.46	7.25	10.17	5.55	7.71	11.78	5.66	8.92	11.70	5.67	8.23
9	11.72	5.47	7.67	9.41	5.53	7.16	11.77	5.65	8.91	13.69	5.66	8.81
10	9.20	5.47	7.26	11.78	5.57	8.40	13.77	5.63	9.06	11.57	5.67	8.01
11	11.68	5.48	7.21	11.75	5.67	7.33	9.30	5.66	8.08	13.55	5.66	7.81
12	9.19	5.46	6.44	9.43	5.60	7.39	11.79	5.64	9.42	13.33	5.65	7.13
13	11.73	5.45	7.63	9.41	5.58	7.05	11.69	5.65	8.21	13.48	5.65	7.45
14	11.43	5.45	6.24	9.40	5.57	7.43	13.70	5.65	9.04	13.47	5.67	8.60
15	9.16	5.46	6.42	9.42	5.57	7.83	13.31	5.65	6.98	13.53	5.71	7.63
16	9.17	5.57	7.01	9.39	5.56	7.49	13.73	5.64	8.17	12.73	5.68	8.41
17	11.72	5.53	8.18	9.23	5.55	7.00	13.49	5.64	7.66	11.65	5.66	7.24
18	11.57	5.49	6.72	9.22	5.55	7.27	11.64	5.64	8.50	11.73	5.66	8.68
19	11.68	5.49	7.43	9.23	5.54	7.45	11.63	5.63	6.96	13.46	5.67	7.47
20	9.19	5.47	6.26	11.53	5.57	7.07	11.60	5.63	7.74	11.61	5.64	6.92
21	11.70	5.47	7.47	10.63	5.58	8.27	11.58	5.62	7.74	11.63	5.64	8.59
22	11.62	5.47	6.77	11.47	5.56	6.28	13.66	5.62	8.20	8.70	7.01	7.83
23	11.66	5.48	6.91	11.73	5.56	7.49	9.26	5.62	7.03	13.98	5.63	9.84
24	9.37	5.48	6.82	11.75	5.58	7.45	13.73	5.64	8.51	13.96	6.25	9.23
25	9.41	5.48	7.22	11.76	5.56	7.55	13.43	5.69	7.31	13.77	5.97	10.82
26	9.41	5.48	7.37	11.67	5.62	6.96	13.55	5.66	7.67	11.73	5.83	9.18
27	9.39	5.48	7.41	11.67	5.62	6.98	11.62	5.65	8.28	11.71	5.76	8.19
28	9.39	5.49	7.02	11.65	5.61	6.83	13.52	5.68	9.43	11.73	5.73	9.30
29	9.41	5.48	7.18	9.43	5.61	7.10	11.75	5.94	8.77	11.69	5.72	7.57
30	9.41	5.49	7.52	11.72	5.61	7.73	13.79	5.93	9.12	13.34	5.72	9.17
31	9.39	5.49	6.58	---	---	---	13.77	5.78	9.56	11.71	5.69	7.94
MONTH	11.73	5.45	7.09	11.78	5.51	7.35	13.79	5.62	8.49	13.98	5.63	8.33

SANTÉE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.46	5.69	7.01	13.85	13.76	13.81	13.75	5.90	8.02	11.42	5.71	6.97
2	11.54	5.68	8.47	13.81	5.93	11.89	13.86	5.86	9.80	11.57	5.70	8.36
3	9.23	5.67	7.80	13.81	11.54	12.61	11.74	5.83	8.74	11.52	5.67	7.01
4	13.60	5.66	8.00	11.62	5.86	9.27	11.81	5.81	8.64	11.59	5.68	7.66
5	13.30	5.68	7.16	13.76	11.50	12.38	11.75	5.77	7.85	11.48	5.67	6.87
6	11.53	5.68	7.98	14.64	13.71	13.94	13.75	5.77	8.91	11.63	5.67	8.18
7	11.70	5.70	8.28	16.55	14.64	15.83	11.79	5.76	8.86	11.63	5.71	8.44
8	11.66	5.68	7.53	16.56	14.28	15.53	11.77	5.78	7.75	11.94	11.33	11.79
9	11.67	5.66	7.78	14.31	11.86	12.99	13.50	5.78	8.22	11.94	11.75	11.86
10	13.44	5.64	7.47	13.91	11.81	12.44	13.75	5.76	8.57	11.80	11.66	11.72
11	11.50	5.64	6.68	14.01	13.89	13.96	9.28	5.76	7.37	11.70	5.81	10.14
12	11.68	5.66	8.46	13.93	5.94	10.04	11.57	5.75	8.83	11.67	5.80	9.51
13	11.65	5.65	7.52	11.85	5.92	9.25	13.61	5.73	7.50	11.60	5.77	8.12
14	11.66	5.66	8.19	11.82	5.88	9.02	11.75	5.76	9.50	13.68	5.75	9.39
15	14.02	5.67	9.21	11.63	5.81	6.87	13.70	5.72	7.81	11.77	5.74	7.57
16	14.04	6.76	9.65	13.75	5.80	9.59	13.73	5.76	8.20	11.63	5.74	7.67
17	13.87	6.24	11.02	11.63	5.79	7.60	13.70	5.73	8.00	11.76	5.72	7.64
18	13.94	6.26	10.04	11.61	5.77	7.32	11.57	5.72	7.62	11.82	5.71	7.54
19	13.88	6.16	9.50	13.72	5.78	9.90	11.19	5.68	6.32	11.83	5.69	7.90
20	11.61	5.94	7.97	13.84	5.94	10.56	13.80	5.68	8.93	11.61	5.70	8.18
21	11.80	5.90	9.24	13.52	6.86	11.61	14.24	13.80	14.12	11.65	5.68	8.07
22	11.71	5.81	8.12	13.75	5.91	9.21	14.40	14.22	14.29	13.68	5.68	7.58
23	11.99	5.80	9.07	13.86	5.90	10.30	14.23	11.98	13.76	13.72	5.68	7.86
24	13.89	6.46	11.07	12.94	5.98	8.30	13.88	5.88	10.53	13.66	5.66	7.72
25	14.55	11.78	12.66	11.39	5.92	6.79	11.69	5.83	7.75	11.66	5.64	6.91
26	14.66	12.90	14.36	9.88	6.18	7.51	11.75	5.78	8.07	11.80	5.63	7.74
27	14.54	14.21	14.39	14.01	6.80	10.21	13.69	5.75	7.93	11.55	5.65	7.09
28	14.21	13.88	13.99	13.80	6.21	10.27	11.60	5.75	8.34	11.78	5.64	7.66
29	13.92	13.81	13.86	11.66	6.02	9.43	13.47	5.74	9.06	11.59	5.64	7.97
30	---	---	---	11.87	5.94	9.64	11.51	5.73	7.08	11.64	5.68	8.02
31	---	---	---	11.90	5.95	9.07	---	---	---	11.58	5.67	7.25
MONTH	14.66	5.64	9.40	16.56	5.77	10.56	14.40	5.68	8.88	13.72	5.63	8.27
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	11.58	5.65	7.98	11.60	5.66	8.20	11.48	5.64	6.99	11.61	5.55	7.66
2	11.84	5.63	8.45	11.62	5.72	8.48	11.41	5.63	6.37	11.62	5.55	8.54
3	13.38	5.64	8.16	11.76	5.70	8.58	9.14	5.60	6.46	11.62	5.56	8.41
4	11.86	6.04	9.04	11.74	5.69	7.91	11.42	5.58	6.48	11.58	5.54	7.44
5	13.87	5.86	8.47	11.70	5.63	7.64	11.46	5.59	6.43	11.65	5.55	9.50
6	13.93	5.79	10.95	11.74	5.62	7.27	11.46	5.55	6.48	11.72	11.59	11.67
7	13.88	5.70	9.26	11.77	5.60	7.73	11.18	5.54	6.22	11.74	5.81	9.69
8	13.64	5.66	7.70	11.45	5.64	6.84	11.44	5.54	6.23	13.46	5.72	8.97
9	13.88	5.68	9.63	13.06	5.62	6.49	11.43	5.56	6.24	11.62	5.65	8.51
10	11.92	5.80	9.50	11.70	5.59	7.04	11.53	5.54	6.55	13.47	5.62	7.93
11	13.95	5.93	11.28	11.63	5.62	7.01	11.56	5.54	6.83	11.52	5.63	7.95
12	9.66	9.28	9.41	11.57	5.61	6.62	11.48	5.56	6.53	11.59	5.59	8.22
13	11.44	9.19	9.43	11.48	5.59	6.44	11.74	5.55	7.94	11.60	5.57	8.21
14	11.67	9.20	10.49	11.45	5.59	6.70	12.03	6.11	9.71	11.58	5.55	8.38
15	9.30	9.19	9.25	11.44	5.59	6.33	11.34	5.95	9.16	11.51	5.53	6.97
16	9.29	9.17	9.24	11.57	5.60	6.71	11.33	5.69	8.39	11.48	5.54	7.52
17	13.58	7.53	9.90	11.63	5.59	6.99	11.47	5.61	7.16	11.48	5.55	6.99
18	13.83	5.76	8.52	11.59	5.59	6.73	11.66	5.61	7.63	11.56	5.53	7.86
19	13.81	5.74	9.11	11.61	5.62	6.86	11.68	5.61	7.62	11.57	5.54	7.96
20	13.82	5.70	8.89	11.65	5.59	7.05	11.64	5.59	7.47	11.55	5.53	7.92
21	11.59	5.68	8.18	11.63	5.58	7.01	11.46	5.58	7.63	11.45	5.51	6.64
22	13.70	5.65	7.91	11.71	5.58	7.66	9.12	5.58	6.40	11.55	5.52	7.91
23	11.73	5.65	8.23	11.61	5.58	7.20	11.54	5.57	7.93	11.56	5.53	7.84
24	11.67	5.64	7.43	11.67	5.60	7.38	11.54	5.57	9.37	11.60	5.53	9.67
25	11.71	5.62	7.67	11.60	5.58	6.97	11.58	5.59	9.16	11.63	5.77	9.35
26	11.49	5.62	7.69	11.63	5.58	7.22	11.54	5.57	7.56	11.56	5.63	7.71
27	11.56	5.65	7.55	11.62	5.55	7.19	11.80	11.50	11.61	11.56	5.60	8.41
28	11.50	5.64	7.11	11.51	5.55	6.93	11.67	5.61	9.86	11.60	5.58	8.74
29	11.57	5.61	8.22	11.46	5.56	6.92	11.33	5.59	6.27	11.60	11.56	11.58
30	11.57	5.76	8.86	11.42	5.62	6.73	11.64	5.57	8.00	11.59	5.67	10.32
31	---	---	---	11.32	5.64	6.38	11.64	5.56	8.72	---	---	---
MONTH	13.95	5.61	8.78	13.06	5.55	7.14	12.03	5.54	7.59	13.47	5.51	8.48
YEAR	16.56	5.45	8.36									

SANTEE RIVER BASIN

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02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

LOCATION.--Lat 34°07'57'', long 81°59'48'', Greenwood County, Hydrologic Unit 03050109, near left bank, at downstream side of bridge on State Road 288, 3.3 mi southeast of Ninety-Six and 10.1 mi southeast of Greenwood.

DRAINAGE AREA.--17.4 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 425 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, May 5, 6, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	3.5	5.7	3.5	3.5	6.9	7.5	3.3	1.8	2.0	.51	.74
2	1.4	4.3	4.5	3.3	3.3	6.0	6.5	3.2	1.7	1.9	.54	.75
3	1.8	3.8	11	7.3	3.2	5.6	5.8	3.0	2.9	1.7	.42	.65
4	1.6	3.6	9.9	6.2	3.2	5.3	5.5	2.9	9.0	1.4	.52	.57
5	1.6	3.6	4.6	4.2	3.2	5.0	5.2	2.8	3.3	1.3	.34	.53
6	1.6	3.5	3.7	3.7	3.6	110	5.0	3.8	2.3	1.2	.35	.57
7	1.5	3.7	3.5	3.4	3.4	475	5.4	5.0	1.9	1.3	.45	.61
8	1.5	3.8	3.4	3.2	3.2	45	5.6	23	2.3	.95	.40	.59
9	1.4	4.0	3.3	3.1	3.0	18	5.1	12	4.8	.76	.38	.67
10	1.5	6.0	3.5	3.1	2.9	13	4.9	5.5	3.4	.72	.32	.63
11	1.1	3.4	3.3	3.0	3.0	14	4.8	4.0	3.0	.60	.33	.49
12	.94	2.7	3.1	2.9	3.0	9.4	4.7	3.5	16	.52	.27	.54
13	.84	2.5	3.3	3.1	3.0	7.7	4.5	3.5	5.1	.50	3.8	.53
14	.81	2.5	3.9	4.3	3.1	6.7	4.2	3.3	5.3	.53	13	.39
15	1.2	2.6	4.0	3.7	97	6.0	4.5	3.1	4.4	.46	3.0	.33
16	1.6	2.6	3.8	3.3	86	5.5	4.8	3.0	5.1	.51	1.3	.32
17	1.6	2.8	3.8	3.1	23	5.3	4.2	2.9	3.2	.70	.81	.30
18	1.6	2.7	3.9	3.1	37	5.2	4.0	2.8	2.3	.78	1.4	.29
19	1.6	2.7	4.0	3.9	25	13	4.1	2.7	2.0	1.1	.96	.32
20	1.7	2.9	3.9	4.7	13	19	5.3	2.5	1.7	1.5	.86	.24
21	1.7	3.6	4.0	3.8	7.8	11	55	2.3	1.5	.70	1.1	.28
22	2.0	4.4	4.3	3.4	6.1	7.9	21	2.2	1.3	.59	.81	.28
23	2.3	4.6	4.5	48	48	29	8.0	2.1	1.3	.70	.89	.28
24	2.3	4.2	4.9	18	29	12	5.6	2.0	1.2	.69	.89	1.2
25	2.5	4.1	4.6	7.5	146	25	4.7	1.9	1.1	.70	.79	1.8
26	2.7	4.1	4.0	5.5	126	119	4.0	1.9	.94	.48	.66	1.2
27	2.8	4.1	4.3	4.8	26	22	3.8	1.9	.97	.54	.97	1.0
28	2.8	4.0	6.6	4.5	13	11	4.0	1.8	.99	.43	1.5	1.3
29	2.8	4.0	14	4.0	9.2	8.6	3.6	2.1	3.5	.42	1.1	1.3
30	2.9	4.2	5.1	3.9	---	8.1	3.5	2.4	2.0	.41	.80	.71
31	4.5	---	3.8	3.8	---	10	---	2.1	---	.39	.69	---
TOTAL	57.59	108.5	150.2	183.3	736.7	1045.2	214.8	118.5	96.30	26.48	40.16	19.41
MEAN	1.86	3.62	4.85	5.91	25.4	33.7	7.16	3.82	3.21	.85	1.30	.65
MAX	4.5	6.0	14	48	146	475	55	23	16	2.0	13	1.8
MIN	.81	2.5	3.1	2.9	2.9	5.0	3.5	1.8	.94	.39	.27	.24
CFSM	.11	.21	.28	.34	1.46	1.94	.41	.22	.18	.05	.07	.04
IN.	.12	.23	.32	.39	1.58	2.23	.46	.25	.21	.06	.09	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	9.66	10.8	20.8	32.2	44.4	33.3	15.1	8.30	4.29	4.29	2.66	1.06
MAX	50.5	65.4	50.6	86.5	92.8	71.5	43.8	35.9	12.5	28.4	9.31	3.58	
(WY)	1991	1986	1984	1982	1983	1991	1983	1984	1981	1989	1991	1989	
MIN	.10	.92	2.54	3.07	8.85	5.85	3.72	1.90	.92	.38	.26	.24	
(WY)	1988	1988	1989	1981	1986	1985	1985	1981	1988	1988	1988	1983	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	6040.99	2797.14	
ANNUAL MEAN	16.6	7.64	15.4
HIGHEST ANNUAL MEAN			26.5
LOWEST ANNUAL MEAN			4.52
HIGHEST DAILY MEAN	505	Mar 3	810
LOWEST DAILY MEAN	.81	Oct 14	.05
ANNUAL SEVEN-DAY MINIMUM	1.1	Oct 9	.07
INSTANTANEOUS PEAK FLOW			1410
INSTANTANEOUS PEAK STAGE			11.66
ANNUAL RUNOFF (CFSM)	.95		.89
ANNUAL RUNOFF (INCHES)	12.92		12.05
10 PERCENT EXCEEDS	22		20
50 PERCENT EXCEEDS	4.9		3.6
90 PERCENT EXCEEDS	1.6		.52

SANTEE RIVER BASIN

02167000 SALUDA RIVER AT CHAPPELLE, SC

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, Hydrologic Unit 03050109, on left bank, on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi².

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected since 1905 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 362.89 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

REMARKS.--Records fair except for estimated daily discharges, Jan. 20 to Feb. 4, May 11 to June 8, 11 - 17, which are poor. Flow regulated by Lake Greenwood (see sta. 02166501).

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	607	960	1080	1420	900	4120	795	520	1000	1300	587	886
2	1020	746	794	932	1000	3150	2160	885	960	1130	395	1320
3	815	777	1750	1570	1300	3580	1660	486	1300	1330	307	1520
4	326	318	2060	1770	1500	1740	1410	880	1000	1130	472	952
5	811	797	2130	1170	803	3020	1100	467	1400	965	323	1340
6	1050	917	1180	970	1050	4250	1600	681	1200	719	458	2810
7	527	846	2080	1520	1170	5910	1400	1090	1100	1100	369	2340
8	685	822	1620	1190	909	5700	982	2050	1160	485	278	1290
9	816	682	1240	1330	953	3980	1010	2280	1220	511	328	1460
10	864	1120	1650	1340	866	3170	1300	2170	1430	649	475	851
11	864	595	1200	1100	476	4270	964	1600	2200	640	576	1250
12	427	1110	1570	765	1260	2850	1300	1200	1700	498	461	1260
13	660	673	1380	832	861	1420	850	1000	2000	392	774	1080
14	612	534	1470	1230	1220	1750	1800	1100	1800	478	2460	1330
15	334	895	781	882	1420	734	944	900	1600	334	1470	676
16	561	991	921	1500	2200	1730	1240	950	1500	368	1380	641
17	1110	695	1440	520	2470	1040	1350	900	1900	744	637	907
18	633	743	1350	1360	2560	855	1140	920	1320	481	874	923
19	843	757	702	1190	1930	1700	311	950	1970	557	955	1060
20	329	540	1000	800	1250	2260	1170	1000	1730	657	734	1080
21	888	1330	980	1600	1530	3110	4480	980	1070	647	752	536
22	537	419	1210	1100	1220	1730	4640	950	1040	703	667	1040
23	639	863	572	1200	1480	2090	4330	1000	1030	865	948	1070
24	428	876	1330	2000	2460	1820	2400	900	975	820	1600	1720
25	609	690	1020	2500	3320	601	800	850	926	677	1650	1810
26	802	894	1010	1700	4710	1130	1000	950	920	674	787	1050
27	669	651	930	1400	4620	1980	800	900	872	736	2730	1130
28	606	495	1640	1100	4320	2190	1100	950	702	631	2400	1230
29	664	577	1560	800	4170	2100	1800	1000	926	580	332	2780
30	802	722	1510	1700	---	1790	540	950	1690	564	684	2260
31	465	---	2090	1200	---	1760	---	900	---	387	1610	---
TOTAL	21003	23035	41250	39691	53928	77530	46376	32359	39641	21752	28473	39602
MEAN	678	768	1331	1280	1860	2501	1546	1044	1321	702	918	1320
MAX	1110	1330	2130	2500	4710	5910	4640	2280	2200	1330	2730	2810
MIN	326	318	572	520	476	601	311	467	702	334	278	536
CFSM	.50	.56	.98	.94	1.37	1.84	1.14	.77	.97	.52	.68	.97
IN.	.57	.63	1.13	1.09	1.48	2.12	1.27	.89	1.08	.59	.78	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 1992, BY WATER YEAR (WY)

	MEAN	1507	1395	1877	2550	2616	2966	2609	1813	1506	1279	1398	1309
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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1927 - 1992

ANNUAL TOTAL	671534	464640	1899	
ANNUAL MEAN	1840	1270	3110	1929
HIGHEST ANNUAL MEAN			732	1988
LOWEST ANNUAL MEAN				
HIGHEST DAILY MEAN	7000	Mar 30	5910	Mar 7
LOWEST DAILY MEAN	253	Jul 15	278	Aug 8
ANNUAL SEVEN-DAY MINIMUM	605	Oct 20	362	Aug 3
INSTANTANEOUS PEAK FLOW			6380	Mar 7
INSTANTANEOUS PEAK STAGE			13.57	Mar 7
INSTANTANEOUS LOW FLOW			31	Jul 15
ANNUAL RUNOFF (CFSM)	1.35		.93	
ANNUAL RUNOFF (INCHES)	18.37		12.71	
10 PERCENT EXCEEDS	3290		2190	3720
50 PERCENT EXCEEDS	1540		1010	1410
90 PERCENT EXCEEDS	656		532	494

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

** Caused by construction work above the station.

Santee River Basin
02167450 Little River Near Silverstreet, SC

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 National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 2, 3, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	50	61	85	80	204	177	96	65	105	28	32
2	42	53	66	79	76	176	156	91	60	116	29	28
3	43	56	76	90	74	158	142	86	60	99	26	27
4	46	55	128	118	74	141	133	81	78	71	25	31
5	44	53	110	101	74	130	127	76	97	60	24	28
6	41	53	76	83	76	206	120	74	76	53	22	48
7	40	54	68	77	72	965	119	94	62	48	22	116
8	39	55	66	72	70	876	120	381	56	45	27	69
9	38	56	63	71	67	319	116	503	61	42	27	50
10	39	74	63	71	65	236	112	266	151	38	25	46
11	40	99	61	69	66	243	108	166	159	36	24	40
12	40	79	60	66	66	204	105	131	113	35	22	36
13	38	66	59	66	65	173	104	116	105	33	34	33
14	37	60	61	75	66	155	102	111	94	36	166	31
15	39	58	67	73	95	144	98	101	114	33	98	29
16	39	58	63	67	306	134	106	92	90	30	58	27
17	44	57	57	65	218	127	97	86	77	30	49	28
18	44	57	57	63	200	123	93	79	68	31	48	27
19	42	57	55	67	202	135	89	75	63	38	45	25
20	40	58	54	69	159	177	94	72	61	36	55	26
21	40	58	54	66	128	238	456	71	56	36	41	39
22	40	59	57	65	112	197	657	66	51	32	46	31
23	43	60	60	109	150	212	333	63	49	74	41	27
24	44	60	69	234	266	278	194	61	48	67	39	36
25	44	56	84	166	296	210	151	59	47	45	36	111
26	44	54	70	113	770	904	130	59	44	38	33	73
27	45	54	65	97	1040	771	116	62	44	33	32	56
28	46	54	75	92	709	313	111	59	44	31	50	54
29	46	56	162	93	274	229	105	61	81	29	46	51
30	46	57	168	87	---	196	100	71	183	28	38	43
31	47	---	105	82	---	195	---	73	---	27	34	---
TOTAL	1302	1776	2340	2731	5916	8769	4671	3482	2357	1455	1290	1298
MEAN	42.0	59.2	75.5	88.1	204	283	156	112	78.6	46.9	41.6	43.3
MAX	47	99	168	234	1040	965	657	503	183	116	166	116
MIN	37	50	54	63	65	123	89	59	44	27	22	25
CFSM	.18	.26	.33	.38	.89	1.23	.68	.49	.34	.20	.18	.19
IN.	.21	.29	.38	.44	.96	1.42	.76	.56	.38	.24	.21	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1992, BY WATER YEAR (WY)

	MEAN	205	128	114	252	284	407	196	181	99.3	54.2	79.2	39.6
MAX	369	197	153	416	366	532	291	316	137	75.5	163	51.8	
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	
MIN	42.0	59.2	75.5	88.1	204	283	141	112	78.6	40.2	32.5	23.8	
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1990	1990	1990

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1990 - 1992	
ANNUAL TOTAL	76629		37387		179	
ANNUAL MEAN	210		102		256	
HIGHEST ANNUAL MEAN					102	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	2300		1040		2300	
LOWEST DAILY MEAN	37		22		11	
ANNUAL SEVEN-DAY MINIMUM	39		24		14	
INSTANTANEOUS PEAK FLOW			1150		2570	
INSTANTANEOUS PEAK STAGE			8.73		11.42	
INSTANTANEOUS LOW FLOW			21		11	
ANNUAL RUNOFF (CFSM)	.91		.44		.78	
ANNUAL RUNOFF (INCHES)	12.39		6.05		10.56	
10 PERCENT EXCEEDS	441		194		297	
50 PERCENT EXCEEDS	110		66		87	
90 PERCENT EXCEEDS	46		33		29	

* Also occurred on Aug. 7.

Santee River Basin

02167582 BUSH RIVER NEAR PROSPERITY, SC

LOCATION.--Lat 34°10'07'', long 81°36'38'', Newberry County, Hydrologic Unit 03050109, at downstream side near center of bridge on County Road 244, 5.2 mi southwest of Prosperity, and 7.2 mi south of the center of Newberry, SC.

DRAINAGE AREA.--115 mi².

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

GAGE.--Data collection platform. Elevation of gage is 360 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 14, 15, Feb. 19, 20, Apr. 1 - 7, 16, Sept. 16, 17, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	27	44	42	39	73	72	45	33	116	18	20
2	25	29	35	39	38	63	68	43	31	62	19	20
3	27	28	75	52	37	57	64	40	31	49	18	20
4	26	27	89	59	36	55	60	38	44	35	18	23
5	26	27	56	49	36	51	56	36	49	28	17	24
6	25	28	41	41	38	405	52	37	44	26	17	41
7	24	29	36	38	37	912	52	47	33	25	17	24
8	24	28	34	37	36	366	54	293	33	24	17	26
9	24	29	33	37	35	182	52	216	58	23	17	23
10	25	52	35	37	34	104	50	125	39	23	17	21
11	25	40	34	36	34	106	49	66	87	22	16	20
12	25	36	33	35	34	90	49	52	92	21	15	20
13	24	31	33	36	34	71	51	48	54	20	39	19
14	22	29	34	48	35	62	45	53	53	20	112	17
15	23	29	34	40	122	57	45	44	55	20	93	16
16	24	29	32	38	204	54	45	40	52	19	43	16
17	25	29	32	35	113	53	45	37	41	19	204	17
18	25	28	31	35	84	52	42	36	36	21	43	16
19	25	28	31	41	90	68	39	35	33	22	30	16
20	24	30	31	40	70	84	76	34	31	22	61	16
21	23	29	32	37	56	113	555	33	29	21	146	16
22	24	30	32	36	50	92	615	32	27	26	29	16
23	25	31	33	182	256	127	354	32	27	27	25	15
24	25	30	40	158	200	119	127	31	27	26	23	102
25	25	29	40	80	446	98	74	29	26	24	22	48
26	25	29	38	53	596	789	59	30	25	22	22	42
27	25	29	37	45	324	422	53	30	25	20	27	29
28	25	30	48	44	284	259	50	30	25	19	33	37
29	25	30	141	43	107	110	47	32	41	19	24	26
30	25	30	84	42	---	84	46	39	74	19	23	22
31	26	---	52	41	---	86	---	37	---	18	21	---
TOTAL	766	910	1380	1576	3505	5264	3046	1720	1255	858	1226	768
MEAN	24.7	30.3	44.5	50.8	121	170	102	55.5	41.8	27.7	39.5	25.6
MAX	27	52	141	182	596	912	615	293	92	116	204	102
MIN	22	27	31	35	34	51	39	29	25	18	15	15
CFSM	.21	.26	.39	.44	1.05	1.48	.88	.48	.36	.24	.34	.22
IN.	.25	.29	.45	.51	1.13	1.70	.99	.56	.41	.28	.40	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1992, BY WATER YEAR (WY)

	MEAN	160	60.2	50.5	157	153	211	102	77.8	49.7	39.7	68.2	26.6
MAX	294	90.2	56.4	263	185	344	145	131	74.8	70.5	141	31.6	
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	
MIN	24.7	30.3	44.5	50.8	121	120	59.0	47.3	32.4	20.9	24.1	22.7	
(WY)	1992	1992	1992	1992	1992	1990	1990	1990	1990	1990	1990	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1990 - 1992

ANNUAL TOTAL	45223	22274	
ANNUAL MEAN	124	60.9	
HIGHEST ANNUAL MEAN			107
LOWEST ANNUAL MEAN			153
HIGHEST DAILY MEAN	1880	912	1880
LOWEST DAILY MEAN	22	15	15
ANNUAL SEVEN-DAY MINIMUM	24	16	16
INSTANTANEOUS PEAK FLOW		1640	3410
INSTANTANEOUS PEAK STAGE		9.77	14.15
INSTANTANEOUS LOW FLOW		15	15
ANNUAL RUNOFF (CFSM)	1.08	.53	.93
ANNUAL RUNOFF (INCHES)	14.63	7.21	12.61
10 PERCENT EXCEEDS	275	105	158
50 PERCENT EXCEEDS	56	35	42
90 PERCENT EXCEEDS	25	20	20

* Also occurred on Sept. 23.

** Also occurred on Aug. 1 - 2, 1990, Aug. 12, Sept. 23, 1992.

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Data collection platform. Datum of gage is 0.64 ft below National Geodetic Vertical Datum of 1929. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 ft³ between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 ft³. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates at 362 ft; gage height of other spillway crest, 340 ft with top of gates at 365 ft. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 358.65 ft, June 12, minimum gage height, 350.38 ft, Nov. 30, Dec. 1.

Capacity Table

(Prepared by Lexington Water Power Co. from topographic map, contour survey, and study of change in reservoir elevation due to inflow)

Gage height, in feet	Usable contents, in billions of cubic feet
350.0	50.77
352.0	54.30
356.0	61.91
358.0	66.00
360.0	70.30

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	353.84	352.27	350.43	352.00	352.90	355.64	357.00	357.38	358.15	357.70	355.73	354.82
2	353.84	352.16	350.44	352.00	352.94	355.72	357.00	357.44	358.19	357.71	355.68	354.65
3	353.79	352.00	350.59	352.09	352.87	355.86	356.98	357.51	358.18	357.78	355.64	354.66
4	353.72	351.65	350.62	352.15	352.86	355.86	356.93	357.48	358.30	357.79	355.58	354.59
5	353.65	351.42	350.69	352.14	352.89	355.97	356.91	357.46	358.25	357.85	355.48	354.56
6	353.60	351.23	350.74	352.13	352.88	356.47	356.88	357.52	358.34	357.79	355.40	354.68
7	353.55	351.11	350.80	352.15	352.90	356.82	356.89	357.68	358.42	357.83	355.38	354.78
8	353.48	350.98	350.88	352.28	352.90	356.89	356.78	357.81	358.38	357.76	355.36	354.73
9	353.45	350.83	350.93	352.29	352.89	356.79	356.75	357.92	358.38	357.69	355.27	354.71
10	353.44	350.77	350.98	352.36	352.84	356.77	356.81	358.02	358.42	357.44	355.26	354.68
11	353.41	350.62	351.04	352.36	352.82	356.70	356.85	358.16	358.52	357.29	355.02	354.65
12	353.31	350.60	351.08	352.29	352.79	356.84	356.92	358.22	358.38	357.25	355.02	354.62
13	353.25	350.72	351.16	352.31	352.82	356.84	356.87	358.18	358.21	357.04	355.03	354.57
14	353.21	350.52	351.22	352.37	352.80	356.77	356.89	358.27	358.33	356.99	355.17	354.59
15	353.18	350.51	351.26	352.38	352.94	356.78	356.91	358.25	358.31	356.93	355.18	354.53
16	353.10	350.51	351.24	352.39	353.06	356.72	356.92	358.22	358.26	356.87	355.28	354.34
17	353.05	350.48	351.29	352.34	353.36	356.67	356.95	358.26	358.20	356.86	355.40	354.05
18	353.00	350.47	351.30	352.39	353.42	356.70	356.94	358.21	358.15	356.77	355.39	353.81
19	352.96	350.46	351.30	352.47	353.56	356.71	356.91	358.20	358.12	356.78	355.53	353.76
20	352.89	350.43	351.33	352.46	353.63	356.82	356.97	358.19	358.04	356.78	355.59	353.71
21	352.86	350.45	351.36	352.47	353.69	356.89	357.48	358.21	357.98	356.74	355.45	353.44
22	352.81	350.47	351.37	352.42	353.69	356.93	357.71	358.16	357.89	356.76	355.41	353.13
23	352.76	350.49	351.43	352.61	353.93	357.02	357.58	358.16	357.93	356.71	355.44	353.02
24	352.72	350.46	351.44	352.69	354.30	357.06	357.43	358.18	357.76	356.66	355.31	353.07
25	352.65	350.42	351.48	352.71	354.72	357.18	357.35	358.20	357.62	356.65	355.19	353.18
26	352.61	350.42	351.54	352.77	354.89	357.20	357.45	358.21	357.56	356.59	355.13	353.15
27	352.57	350.42	351.52	352.77	355.15	357.17	357.38	358.19	357.54	356.35	354.96	353.24
28	352.49	350.41	351.76	352.85	355.31	357.18	357.34	358.18	357.48	356.01	354.94	353.24
29	352.45	350.39	351.83	352.86	355.44	357.13	357.36	358.19	357.55	355.97	354.83	353.01
30	352.39	350.38	351.87	352.87	---	357.09	357.39	358.17	357.65	355.92	354.83	353.02
31	352.30	---	351.95	352.87	---	357.08	---	358.15	---	355.83	354.81	---
MAX	353.84	352.27	351.95	352.87	355.44	357.20	357.71	358.27	358.52	357.85	355.73	354.82
MIN	352.30	350.38	350.43	352.00	352.79	355.64	356.75	357.38	357.48	355.83	354.81	353.01
[+]	54.86	51.43	54.22	55.90	60.80	64.09	64.74	66.32	65.28	61.57	59.57	56.18
[*]	-1,094	-1,323	1,042	627	1,956	1,228	251	590	-401	-1,385	-747	-1,308

CAL YR 1991 * 230 MAX 358.57 MIN 347.91
WTR YR 1992 * -51 MAX 358.52 MIN 350.38

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'12'', long 81°13'01'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.2 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--1,170 mi².

PERIOD OF RECORD.--August 1985 to current year. Data prior to August 1985 are in files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Elevation is 170 ft above National Geodetic Vertical Datum of 1929 (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, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 85.01 ft, Sept. 17, 22; minimum, 71.45 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	74.70	72.86	73.33	76.95	73.20	74.60	72.46	72.42	72.44	---	---	---
2	75.02	73.42	73.96	78.13	73.00	75.16	72.43	72.41	72.42	---	---	---
3	75.89	73.48	74.01	79.85	73.52	76.15	72.53	72.40	72.46	---	---	---
4	75.65	73.69	74.31	83.31	75.33	78.46	72.60	72.47	72.55	---	---	---
5	75.38	73.53	74.26	81.77	74.77	77.17	72.61	72.22	72.37	---	---	---
6	75.40	73.66	74.25	78.67	74.22	76.40	72.28	72.15	72.21	---	---	---
7	76.21	72.99	74.01	78.05	74.17	76.01	72.19	72.12	72.15	---	---	---
8	75.17	73.14	73.96	78.72	73.47	75.24	72.17	72.09	72.14	---	---	---
9	75.33	72.97	73.86	82.95	73.10	77.63	74.92	72.09	72.80	---	---	---
10	74.66	72.77	73.23	77.47	73.15	74.62	---	---	---	---	---	---
11	75.03	73.18	73.86	78.69	73.15	75.28	---	---	---	---	---	---
12	75.37	73.12	74.25	80.61	73.08	75.11	---	---	---	---	---	---
13	75.46	73.24	73.77	78.70	73.63	75.26	---	---	---	---	---	---
14	76.15	73.25	73.88	77.25	73.10	74.46	---	---	---	---	---	---
15	75.48	73.55	73.84	74.53	72.50	73.00	---	---	---	---	---	---
16	75.47	73.70	74.06	72.54	72.50	72.52	---	---	---	---	---	---
17	75.74	73.62	74.12	72.55	72.51	72.53	---	---	---	---	---	---
18	77.60	73.50	74.31	72.57	72.52	72.55	---	---	---	---	---	---
19	75.78	73.22	73.82	72.58	72.55	72.57	---	---	---	---	---	---
20	75.79	73.55	73.77	72.58	72.55	72.56	---	---	---	---	---	---
21	75.54	73.24	73.86	72.55	72.50	72.53	---	---	---	---	---	---
22	76.31	73.35	74.01	72.52	72.47	72.49	---	---	---	---	---	---
23	75.91	73.06	73.73	72.53	72.48	72.50	---	---	---	---	---	---
24	74.70	73.62	73.77	72.52	72.48	72.50	---	---	---	---	---	---
25	76.27	73.46	74.25	72.55	72.50	72.53	---	---	---	---	---	---
26	75.62	73.59	74.22	72.55	72.52	72.54	---	---	---	---	---	---
27	75.14	73.59	73.97	72.58	72.54	72.56	---	---	---	---	---	---
28	79.79	72.93	73.97	72.59	72.55	72.57	---	---	---	---	---	---
29	76.32	72.96	73.59	72.60	72.53	72.57	---	---	---	---	---	---
30	77.02	73.29	74.55	72.59	72.45	72.51	---	---	---	75.25	72.29	73.62
31	76.60	73.24	74.21	---	---	---	---	---	---	75.58	71.89	73.70
MONTH	79.79	72.77	73.97	83.31	72.45	74.09	74.92	72.09	72.39	75.58	71.89	73.66

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	75.31	71.88	73.80	75.26	73.15	74.15	75.85	73.66	74.75	75.24	71.48	72.75
2	75.31	72.32	73.70	75.13	72.56	73.89	77.54	73.77	75.18	73.96	72.06	72.39
3	75.50	72.52	73.77	75.24	72.58	74.02	78.92	73.76	75.71	72.17	72.06	72.11
4	75.32	73.11	74.04	75.30	72.23	73.84	76.53	72.99	74.58	72.20	72.07	72.15
5	77.47	72.73	73.64	75.50	72.35	73.58	76.54	73.85	74.51	72.23	72.14	72.18
6	75.34	72.68	73.79	75.46	71.95	73.38	77.16	73.18	74.72	72.25	72.16	72.22
7	75.16	71.58	73.28	80.99	72.54	77.03	80.46	72.98	74.03	74.98	72.20	72.57
8	75.14	71.77	73.53	81.21	74.99	78.79	79.80	73.28	75.42	74.76	72.61	73.61
9	75.30	71.98	73.72	81.03	74.93	78.75	78.46	72.90	73.94	74.97	72.17	73.27
10	77.57	72.81	73.79	80.73	74.37	78.15	73.56	72.94	73.05	74.55	72.13	72.87
11	75.10	72.50	73.56	80.01	74.64	76.83	73.15	72.66	73.05	74.99	72.59	73.37
12	77.51	72.27	73.76	79.35	73.48	75.73	76.03	72.46	73.42	75.33	72.28	73.35
13	77.76	72.12	73.54	76.95	72.92	74.65	76.38	72.95	74.31	75.06	72.32	73.51
14	74.40	71.47	72.40	76.81	73.52	74.89	74.71	72.95	73.49	75.25	72.32	73.41
15	73.97	71.47	72.23	77.03	72.52	74.60	74.96	73.02	73.36	76.27	73.18	74.33
16	72.14	71.45	72.07	77.15	73.50	74.75	75.01	73.08	73.51	75.35	72.92	73.89
17	72.17	72.14	72.16	76.47	72.98	74.19	73.49	72.88	73.27	75.28	72.48	73.65
18	72.23	72.11	72.13	75.38	72.71	74.02	72.98	72.88	72.93	75.27	72.28	73.37
19	73.15	72.02	72.15	75.58	73.23	74.36	72.99	72.92	72.95	76.55	72.61	73.91
20	72.06	71.99	72.01	76.85	73.16	74.74	75.33	72.93	73.82	75.17	72.46	73.25
21	75.35	72.00	72.80	76.79	72.93	74.37	75.20	73.19	74.07	74.72	72.33	73.16
22	72.74	72.07	72.24	76.19	73.55	74.64	77.17	73.04	75.17	74.28	72.49	72.87
23	72.11	72.04	72.08	75.36	73.18	74.03	84.56	73.94	79.63	73.76	71.46	72.14
24	75.40	72.05	72.97	76.85	73.01	74.44	84.17	74.70	79.96	73.50	71.94	72.48
25	74.73	72.22	72.69	75.68	72.90	73.94	76.61	73.26	74.09	74.36	72.24	72.97
26	75.35	71.75	73.48	80.41	73.66	78.00	75.77	72.97	73.44	74.51	72.34	73.11
27	75.47	72.08	74.02	80.01	73.64	76.24	76.37	72.98	74.28	73.81	72.43	72.71
28	75.42	73.03	74.29	78.04	73.64	75.97	76.47	71.57	73.08	74.60	72.39	73.03
29	75.53	72.92	74.11	78.30	74.43	75.94	75.47	72.44	73.44	74.65	72.17	73.08
30	---	---	---	78.41	74.12	75.82	75.25	72.23	72.89	74.60	72.48	73.31
31	---	---	---	77.77	74.27	75.80	---	---	---	74.46	72.57	73.37
MONTH	77.76	71.45	73.16	81.21	71.95	75.28	84.56	71.57	74.33	76.55	71.46	73.04
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	74.70	72.16	72.78	75.21	72.39	73.42	75.52	73.45	74.24	75.31	73.17	73.83
2	74.24	72.20	72.89	75.18	72.45	73.47	75.34	73.14	74.12	84.39	73.20	76.43
3	74.39	72.59	73.38	74.85	72.40	72.96	75.68	72.78	73.93	77.43	73.36	74.94
4	74.73	72.42	73.51	74.70	72.42	72.85	75.67	73.09	74.19	78.48	73.00	74.56
5	74.32	72.30	73.20	74.84	72.47	72.97	75.46	73.24	74.07	76.73	73.27	74.41
6	74.34	72.33	73.13	75.42	72.69	73.63	75.44	73.07	73.90	76.19	73.27	74.00
7	74.87	72.24	73.06	75.02	72.56	73.35	75.44	73.10	73.60	76.85	73.13	74.39
8	84.56	72.24	76.66	83.45	72.94	75.30	75.06	73.09	73.77	82.62	73.32	75.12
9	75.18	72.69	73.40	78.15	73.15	75.15	75.61	73.23	74.16	77.20	73.05	74.40
10	75.25	72.88	73.80	84.73	72.92	77.84	75.64	73.10	73.68	76.73	73.34	74.21
11	75.91	72.94	74.36	80.75	72.80	75.59	84.52	73.10	77.09	77.65	72.99	74.01
12	83.29	73.77	77.77	76.01	72.59	73.79	76.33	72.98	73.71	76.63	73.25	74.19
13	83.62	73.78	78.17	84.11	72.51	76.23	76.36	73.21	73.96	77.01	73.30	74.43
14	77.10	73.62	75.12	75.42	72.88	73.60	76.01	73.00	74.28	76.46	73.14	74.13
15	77.58	73.23	75.18	74.92	72.91	73.10	76.74	72.93	73.87	76.18	73.35	74.03
16	78.72	73.92	75.69	75.70	72.75	73.26	75.34	73.40	73.77	84.98	73.07	76.99
17	77.02	73.87	75.03	75.44	72.87	73.64	75.34	72.90	73.81	85.01	73.43	78.17
18	78.44	73.56	75.18	75.44	72.83	74.00	77.15	72.90	74.46	84.95	73.98	78.20
19	79.63	74.02	76.88	75.18	71.97	73.26	76.19	73.23	74.33	78.82	73.22	74.27
20	77.30	73.81	75.18	75.19	72.80	73.42	75.57	73.26	74.05	78.44	73.12	74.78
21	77.09	73.59	74.97	77.85	72.85	74.28	84.17	73.27	76.87	84.96	73.29	77.74
22	75.51	72.42	73.78	77.18	73.11	74.39	77.31	73.51	74.71	85.01	73.83	79.47
23	75.10	72.75	73.29	75.70	73.04	74.01	77.36	73.50	74.84	79.20	72.62	74.61
24	84.23	73.06	77.18	76.53	73.08	74.13	81.08	73.59	75.75	74.71	72.62	73.11
25	80.08	73.45	75.93	76.55	72.21	73.71	84.62	73.33	76.27	75.53	72.42	73.31
26	77.24	73.05	74.19	75.58	72.61	73.61	77.60	73.32	75.00	75.05	72.41	73.63
27	75.60	72.35	73.52	84.81	73.23	77.84	83.80	74.92	77.69	75.61	72.48	73.55
28	75.09	72.37	73.27	84.79	73.62	79.27	83.99	73.48	77.74	77.15	73.06	74.26
29	75.01	72.36	73.26	75.07	72.98	73.55	75.70	72.76	73.55	81.69	74.30	77.05
30	75.30	72.40	73.46	76.59	73.21	74.10	75.17	72.66	73.07	77.96	73.64	75.44
31	---	---	---	76.95	73.37	74.72	77.83	72.65	74.33	---	---	---
MONTH	84.56	72.16	74.57	84.81	71.97	74.34	84.62	72.65	74.61	85.01	72.41	75.06
YEAR	85.01	71.45	74.19									

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi², approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 170 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 20, May 26 to June 1, which are fair. Flow regulated by Lake Murray (see station 02168500). City of Columbia diverted about 28 ft³/s above station for municipal supply.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1180	2230	621	1210	1390	1520	2220	813	620	1230	1720	1380
2	1690	2890	610	1190	1310	1420	2700	532	889	1220	1640	4760
3	1710	4050	650	1130	1370	1460	3250	407	1190	900	1500	2450
4	1960	7350	707	1440	1510	1380	2050	420	1320	804	1720	2170
5	1890	5380	624	1360	1200	1230	1970	435	1090	806	1590	1920
6	1890	4210	544	994	1350	1150	2200	449	1070	1330	1470	1580
7	1710	3760	509	1210	1050	5410	1760	636	1010	1110	1260	1900
8	1610	3000	504	1110	1140	7670	3080	1220	5780	3200	1360	2940
9	1530	6380	487	938	1280	7620	1600	996	1020	2830	1700	1970
10	1050	2310	484	1230	1240	6650	811	732	1260	7480	1310	1760
11	1530	3050	493	1100	1220	4810	815	1050	1780	3560	5670	1620
12	1880	2850	510	1310	1360	3470	1130	1100	6610	1470	1370	1720
13	1470	2850	528	1500	1020	2140	1840	1120	7270	4930	1520	1970
14	1570	2190	521	1260	806	2340	1100	1110	2530	1250	1830	1660
15	1540	983	531	1190	563	2090	1020	1740	2750	890	1510	1590
16	1730	685	603	1070	469	2250	1100	1400	3340	1020	1350	6140
17	1800	690	656	1120	422	1680	947	1210	2740	1310	1420	7860
18	2010	702	646	978	426	1570	754	1070	2820	1580	1970	7570
19	1530	710	647	1010	410	1780	762	1520	4970	1100	1840	1930
20	1470	708	646	1310	411	2180	1390	997	2940	1120	1600	2340
21	1560	693	646	1010	666	1860	1550	1030	2710	1910	5380	6830
22	1700	674	646	1330	539	2070	2620	844	1790	1960	2220	9640
23	1470	680	647	1500	406	1530	9460	504	1070	1580	2300	2180
24	1450	682	645	1130	852	1920	9860	597	5990	1700	3520	914
25	1930	690	643	905	671	1490	1600	945	4040	1420	4710	1090
26	1880	698	631	818	1120	6450	1120	1030	1900	1300	2530	1250
27	1630	708	640	1020	1480	4070	1780	700	1320	7140	6170	1250
28	1810	715	651	1320	1670	3610	1050	1000	1110	9390	6640	1800
29	1370	715	646	1090	1600	3550	1130	850	1140	1200	1190	5140
30	2200	666	644	1230	---	3370	835	1050	1120	1650	889	2940
31	1850	---	822	1280	---	3290	---	1100	---	2190	1920	---
TOTAL	51600	63899	18782	36293	28951	93030	63504	28607	75189	70580	72819	90264
MEAN	1665	2130	606	1171	998	3001	2117	923	2506	2277	2349	3009
MAX	2200	7350	822	1500	1670	7670	9860	1740	7270	9390	6640	9640
MIN	1050	666	484	818	406	1150	754	407	620	804	889	914
CFSM	.69	.88	.25	.48	.41	1.24	.87	.38	1.04	.94	.97	1.24
IN.	.79	.98	.29	.56	.45	1.43	.98	.44	1.16	1.08	1.12	1.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
MEAN	2947	1658	1850	1285	2730	4448	2987	1950	1916	2918	2811	3504
MAX	5467	2130	4097	2538	6816	6050	3754	3700	2506	4067	3483	6501
(WY)	1991	1992	1990	1990	1990	1991	1991	1991	1992	1989	1991	1990
MIN	1665	1093	370	396	718	3001	2117	637	1186	1756	2217	1889
(WY)	1992	1989	1991	1989	1989	1992	1992	1990	1990	1990	1990	1989

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	964921	693518	
ANNUAL MEAN	2644	1895	2583
HIGHEST ANNUAL MEAN			3203
LOWEST ANNUAL MEAN			1895
HIGHEST DAILY MEAN	13900	Mar 5	18700
LOWEST DAILY MEAN	217	Apr 27	155
ANNUAL SEVEN-DAY MINIMUM	335	Jan 1	168
INSTANTANEOUS PEAK FLOW			21600
INSTANTANEOUS PEAK STAGE			15.01
ANNUAL RUNOFF (CFSM)	1.09		1.07
ANNUAL RUNOFF (INCHES)	14.83		14.50
10 PERCENT EXCEEDS	6100	3840	7200
50 PERCENT EXCEEDS	1710	1370	1450
90 PERCENT EXCEEDS	607	646	340

* Also occurred on Sept. 25, 29, 1989.

** Caused by backwater from spillway floodgates.

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

PERIOD OF RECORD.--Water years 1985 to September 1985, 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 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.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 25, 1989; minimum, 0.1 mg/L, many days, many years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.5 °C, Oct. 28; minimum, 9.5 °C, several days, Feb. - Mar.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 25, Feb. 14; minimum, 0.2 mg/L, Sept. 21, 22, 29.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.0	10.0	10.0	10.5	9.5	10.0	12.0	11.5	12.0	16.5	12.5	13.5
2	11.5	10.0	10.0	10.5	9.5	10.0	12.5	11.5	12.0	15.0	12.5	14.0
3	10.5	10.0	10.0	11.0	10.0	10.0	12.5	11.5	12.0	15.5	13.0	14.0
4	10.5	10.0	10.0	10.5	10.0	10.0	12.5	11.5	12.0	15.5	13.5	14.0
5	10.5	10.0	10.0	11.0	10.0	10.0	12.5	11.5	12.0	15.5	13.0	14.0
6	10.5	10.0	10.0	11.5	10.0	10.5	12.0	12.0	12.0	14.0	13.0	13.5
7	10.5	10.0	10.0	10.5	10.0	10.0	12.5	12.0	12.0	14.0	12.5	13.5
8	11.0	10.0	10.0	10.0	10.0	10.0	12.5	12.0	12.0	13.5	12.5	13.0
9	11.0	10.0	10.0	10.5	10.0	10.0	12.5	12.0	12.0	15.0	13.0	13.0
10	10.5	10.0	10.0	10.5	10.0	10.0	13.0	12.0	12.5	14.0	12.5	13.5
11	10.5	10.0	10.0	11.0	10.5	10.5	13.0	12.5	12.5	14.0	13.0	13.5
12	10.5	9.5	10.0	11.5	10.5	11.0	14.5	12.0	13.0	15.5	13.0	14.0
13	10.5	9.5	10.0	11.0	10.5	11.0	13.0	12.0	12.5	14.0	13.0	13.5
14	11.5	9.5	10.5	11.0	10.5	11.0	13.5	12.0	12.5	15.5	13.0	13.5
15	11.5	9.5	10.5	12.0	10.5	11.0	13.5	12.0	12.5	14.0	12.5	13.5
16	12.5	9.5	10.5	12.0	10.5	11.0	13.0	12.0	12.5	14.5	13.0	13.5
17	10.5	9.5	10.0	11.5	10.5	11.0	13.0	12.0	12.5	14.5	13.0	13.5
18	10.5	10.5	10.5	11.5	10.5	11.0	13.5	12.5	13.0	16.0	13.0	14.0
19	12.0	10.5	11.0	11.5	10.5	11.0	13.5	12.5	13.0	16.0	13.5	14.0
20	12.0	9.5	10.5	11.0	11.0	11.0	13.0	12.5	12.5	17.0	14.0	15.0
21	11.5	9.5	10.5	12.0	10.5	11.0	13.0	12.5	12.5	17.0	13.5	15.0
22	11.0	10.0	10.0	11.5	11.0	11.0	13.0	12.5	12.5	16.5	14.0	15.0
23	11.0	10.0	10.5	11.5	11.0	11.5	13.0	12.5	12.5	18.5	14.0	16.0
24	12.0	9.5	10.5	12.0	11.0	11.5	13.0	12.5	12.5	16.0	14.0	15.0
25	11.0	10.0	10.5	11.5	11.0	11.0	13.0	12.5	12.5	17.0	13.5	15.0
26	11.5	10.0	10.0	11.5	11.0	11.5	13.0	12.5	12.5	---	---	---
27	10.5	9.5	10.0	12.0	11.5	11.5	13.5	12.5	12.5	---	---	---
28	10.5	9.5	10.0	12.0	11.5	11.5	15.0	12.5	13.5	---	---	---
29	11.0	9.5	10.0	12.0	11.5	11.5	14.0	12.5	13.0	---	---	---
30	---	---	---	11.5	11.5	11.5	14.5	12.5	13.5	---	---	---
31	---	---	---	12.0	11.5	11.5	---	---	---	---	---	---
MONTH	12.5	9.5	10.0	12.0	9.5	11.0	15.0	11.5	12.5	18.5	12.5	14.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	16.5	14.5	15.5	14.5	14.0	14.0	16.5	15.0	15.5
2	16.0	14.0	15.0	16.5	15							

SANTÉE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	4.4	1.2	2.8	9.1	8.3	8.7	10.2	9.6	9.9
2	5.2	3.5	4.5	4.6	1.8	3.3	8.5	8.1	8.3	10.3	9.4	9.9
3	6.1	1.3	4.6	5.9	4.1	5.1	8.8	8.2	8.4	10.1	9.4	9.7
4	5.6	1.3	3.6	7.1	5.7	6.8	9.1	8.5	8.8	10.2	9.8	10.0
5	5.0	.9	3.2	7.1	6.2	6.8	9.0	8.3	8.7	10.4	9.8	10.2
6	4.6	.9	3.2	7.3	6.6	6.9	9.3	8.4	8.8	10.3	9.5	9.9
7	5.4	1.2	3.5	7.6	6.6	7.2	9.4	8.7	9.0	10.6	9.8	10.2
8	5.3	1.0	3.4	8.0	7.0	7.5	9.4	8.7	9.0	10.5	9.5	10.1
9	5.0	.9	3.4	8.1	7.2	7.6	9.1	8.3	8.7	10.3	9.4	9.8
10	5.5	1.9	4.6	8.3	7.4	7.9	9.2	8.4	8.7	10.6	9.2	9.9
11	4.8	1.2	3.3	8.6	7.6	8.0	9.3	8.4	8.8	10.6	8.7	9.8
12	5.2	1.0	2.7	8.8	7.8	8.2	9.2	8.4	8.7	10.4	9.6	10.1
13	4.8	.8	3.6	8.2	7.8	8.0	9.1	8.4	8.7	10.2	9.6	10.0
14	4.9	1.1	3.8	8.9	7.7	8.2	8.9	8.3	8.6	10.5	8.9	10.0
15	4.8	1.0	4.2	8.9	8.1	8.6	9.3	8.4	8.8	10.6	9.2	10.2
16	4.7	1.3	3.8	8.9	8.3	8.5	9.5	8.4	9.0	11.0	9.6	10.3
17	4.7	1.0	3.6	8.8	8.3	8.6	9.7	8.8	9.3	11.0	10.1	10.5
18	5.2	.9	3.6	8.8	8.4	8.6	9.7	9.0	9.3	10.7	9.7	10.4
19	5.4	1.2	4.2	8.8	8.4	8.5	9.9	9.0	9.4	10.9	9.8	10.3
20	5.0	1.2	4.1	8.8	8.2	8.5	10.0	9.2	9.5	---	---	---
21	5.2	1.2	4.3	8.7	8.3	8.4	10.2	9.2	9.8	11.1	9.8	10.5
22	5.2	1.1	3.9	8.7	8.2	8.4	10.3	9.5	9.8	11.3	9.6	10.6
23	5.1	1.1	4.1	8.8	8.3	8.5	9.8	9.1	9.5	10.9	9.7	10.5
24	3.9	2.3	3.5	8.8	8.3	8.5	10.0	9.3	9.7	11.3	9.4	10.6
25	5.0	1.2	3.7	8.9	8.4	8.6	10.3	9.6	9.9	11.5	9.1	10.5
26	4.7	1.1	3.4	9.0	8.5	8.7	10.2	9.4	9.8	11.2	8.8	10.4
27	4.3	1.3	3.6	9.0	8.4	8.6	9.9	9.3	9.6	11.3	8.7	10.3
28	6.1	1.1	4.2	9.1	8.5	8.8	9.6	9.1	9.4	11.2	9.8	10.7
29	5.5	1.3	4.7	9.2	8.4	8.9	9.7	9.1	9.3	11.1	10.3	10.6
30	5.4	1.4	3.5	9.3	8.4	8.9	9.9	9.1	9.5	11.1	10.3	10.6
31	4.8	1.5	3.4	---	---	---	10.1	9.5	9.7	11.1	8.9	10.6
MONTH	6.1	.8	3.8	9.3	1.2	7.7	10.3	8.1	9.1	11.5	8.7	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	8.6	10.5	10.7	9.8	10.2	9.7	9.0	9.4	10.3	8.4	9.0
2	11.2	10.0	10.6	10.7	8.9	10.1	9.9	8.9	9.4	10.2	8.4	9.2
3	11.1	9.7	10.6	10.9	9.7	10.3	9.8	9.0	9.4	10.4	8.4	9.3
4	11.1	10.1	10.6	10.7	9.4	10.0	9.8	9.1	9.4	10.5	8.3	9.2
5	11.0	10.0	10.4	11.0	9.5	10.4	9.8	9.0	9.4	10.6	8.2	9.2
6	10.7	9.3	10.3	10.7	9.2	10.1	9.6	9.0	9.3	9.8	8.4	9.0
7	11.0	8.5	10.1	10.9	10.1	10.5	9.5	8.8	9.1	10.2	8.4	8.9
8	11.1	8.4	10.3	10.7	9.5	10.1	9.7	8.7	9.2	9.4	8.5	8.8
9	10.9	8.5	10.3	10.1	9.5	9.8	9.6	8.7	9.1	10.0	8.3	9.0
10	10.9	9.8	10.4	10.2	9.5	9.8	9.6	8.7	9.1	9.9	8.5	9.1
11	11.1	9.7	10.4	10.4	9.6	9.9	9.6	8.3	8.9	9.5	8.3	8.8
12	11.2	10.1	10.6	10.1	9.4	9.8	10.3	8.3	9.1	9.8	8.1	8.9
13	11.3	8.9	10.2	9.9	9.4	9.6	9.4	8.8	9.1	9.4	8.1	8.7
14	11.5	8.5	9.9	9.7	9.2	9.5	9.8	8.5	9.1	9.5	8.0	8.6
15	10.8	8.5	9.7	9.7	9.1	9.4	9.7	8.8	9.2	9.1	8.3	8.6
16	11.0	8.7	9.8	9.7	9.2	9.4	9.8	8.6	9.1	9.3	8.1	8.6
17	9.7	8.6	9.1	9.9	9.2	9.6	9.6	8.3	9.0	9.1	7.6	8.6
18	9.7	8.5	9.0	---	---	---	9.8	8.3	8.9	9.7	7.6	8.7
19	10.9	8.5	9.3	---	---	---	9.9	8.2	8.9	8.9	7.8	8.3
20	11.0	8.4	9.5	---	---	---	9.4	8.4	8.9	9.5	7.2	8.3
21	11.2	8.3	9.6	---	---	---	9.2	8.7	9.0	9.4	7.6	8.3
22	10.6	8.4	9.6	---	---	---	9.4	8.8	9.2	9.2	7.4	8.1
23	9.7	8.4	8.8	---	---	---	10.0	8.8	9.2	10.4	6.6	8.5
24	10.9	8.4	9.5	---	---	---	9.3	8.9	9.1	9.1	6.7	7.7
25	10.5	8.3	8.9	---	---	---	9.3	8.7	9.0	9.5	6.7	8.0
26	10.7	8.3	9.8	---	---	---	9.3	8.6	9.0	---	---	---
27	10.9	8.9	10.3	---	---	---	9.2	8.7	9.0	---	---	---
28	10.6	10.0	10.3	9.7	9.0	9.5	10.1	8.7	9.1	---	---	---
29	10.7	9.9	10.3	9.6	9.0	9.3	9.7	8.6	9.1	---	---	---
30	---	---	---	9.5	8.9	9.2	9.9	8.6	9.2	---	---	---
31	---	---	---	9.7	9.0	9.3	---	---	---	---	---	---
MONTH	11.5	8.3	10.0	11.0	8.9	9.8	10.3	8.2	9.1	10.6	6.6	8.7

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.--Lat 34°00'50'', long 81°05'17'', Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upstream from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,520 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Data collection platform. Datum of gage is 149.46 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--Records good except for estimated daily discharges, Jan. 20, Mar. 11, 12, May 24, 25, June 3, 4, 8 - 10, 13 - 23, which are poor. Flow regulated by Lake Murray (see sta 02168500).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1220	2280	733	1280	1520	1670	2490	775	1090	1410	1760	1420
2	1700	3030	722	1310	1340	1710	2860	863	895	1350	1690	4410
3	1840	3770	832	1260	1470	1500	3340	531	1300	1040	1600	2690
4	1960	7340	866	1590	1590	1510	2210	532	1400	942	1730	2510
5	1980	6080	795	1500	1400	1380	2100	545	1190	751	1600	2180
6	1950	4290	672	1190	1460	1500	2410	578	1210	1420	1520	1760
7	1910	3870	622	1260	1180	5040	1970	764	1110	1240	1320	1970
8	1650	3370	607	1230	1160	7690	3180	1640	5800	3020	1360	2850
9	1630	6240	583	1030	1490	7880	1800	1210	1100	2660	1700	2250
10	1190	2710	572	1270	1260	6720	969	990	1300	6910	1330	1800
11	1530	2950	580	1210	1360	4900	988	1200	1750	3680	5290	1730
12	1900	3240	591	1370	1450	3600	1090	1270	6040	1740	1740	1750
13	1640	2990	622	1630	1170	2340	2040	1100	7600	4370	1870	1980
14	1580	2260	623	1460	1060	2470	1220	1340	2600	1640	2550	1760
15	1600	1370	620	1360	688	2230	1240	1690	2800	958	1780	1710
16	1760	805	669	1160	635	2430	1210	1520	3300	1030	1440	5400
17	1880	805	754	1260	580	1830	1150	1480	2800	1380	1980	7180
18	2000	809	748	1010	608	1720	895	1030	2900	1680	2160	7220
19	1610	824	738	1310	570	1950	904	1670	5230	1230	2040	2070
20	1580	824	741	1330	555	2360	1570	1230	3100	1120	1830	2430
21	1590	819	741	1070	700	2020	2170	1060	2800	1730	5030	6140
22	1790	804	741	1390	742	2240	3010	962	2000	2320	2460	9100
23	1470	796	741	1870	825	1890	9120	771	1400	1600	2270	2630
24	1500	800	762	1280	904	2000	9710	740	5450	1810	3260	1210
25	1910	796	752	1170	1240	1800	1950	1030	4050	1480	4590	1310
26	1950	791	744	1100	1610	6560	1410	1120	2080	1420	2500	1300
27	1710	795	750	954	1660	4550	1840	855	1550	6440	5900	1560
28	2100	800	943	1440	1840	3670	1290	1050	1180	8560	6520	1970
29	1440	814	1010	1200	1780	3870	1290	1020	1220	1650	1420	4810
30	2120	785	843	1330	---	3540	1010	1300	1230	1660	1010	3180
31	2000	---	942	1440	---	3460	---	1220	---	2210	1890	---
TOTAL	53690	67857	22659	40264	33847	98030	68436	33086	77475	70451	75140	90280
MEAN	1732	2262	731	1299	1167	3162	2281	1067	2582	2273	2424	3009
MAX	2120	7340	1010	1870	1840	7880	9710	1690	7600	8560	6520	9100
MIN	1190	785	572	954	555	1380	895	531	895	751	1010	1210
CFSM	.69	.90	.29	.52	.46	1.25	.91	.42	1.02	.90	.96	1.19
IN.	.79	1.00	.33	.59	.50	1.45	1.01	.49	1.14	1.04	1.11	1.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 1992, BY WATER YEAR (WY)

MEAN	2945	2534	2507	2910	3131	3231	3113	2296	2571	2720	3042	2936
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

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1925 - 1992

ANNUAL TOTAL	1084714	731215	2829
ANNUAL MEAN	2972	1998	5431
HIGHEST ANNUAL MEAN			815
LOWEST ANNUAL MEAN			52300
HIGHEST DAILY MEAN	14400	Mar 5	9710
LOWEST DAILY MEAN	438	Jan 1	531
ANNUAL SEVEN-DAY MINIMUM	448	Jan 1	597
INSTANTANEOUS PEAK FLOW			17700
INSTANTANEOUS LOW FLOW			7.86
ANNUAL RUNOFF (CFSM)	1.18		315
ANNUAL RUNOFF (INCHES)	16.01		7.79
10 PERCENT EXCEEDS	6580		3870
50 PERCENT EXCEEDS	1980		1500
90 PERCENT EXCEEDS	746		753
			6270
			1940
			388

* Also occurred on May 24.

SANTÉE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: 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, 13.9 mg/L, May 27, 1990; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.5°C, Oct. 1; minimum, 9.0°C, Feb. 10.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Feb. 12; minimum, 2.6 mg/L, Sept. 22.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

02169000 SALUDA RIVER NEAR COLUMBIA. SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.6	5.7	6.2	6.9	5.4	6.2	9.3	8.3	8.7	9.7	8.8	9.3
2	5.9	5.5	5.7	6.7	5.6	6.2	9.1	8.2	8.5	9.8	8.9	9.3
3	6.1	5.5	5.7	7.6	6.4	7.1	8.3	7.6	8.0	9.4	8.6	9.0
4	6.1	5.4	5.7	7.6	6.6	7.0	9.2	7.6	8.3	9.4	8.9	9.1
5	5.7	5.2	5.5	7.1	6.7	6.9	9.5	8.5	8.9	9.9	9.0	9.4
6	6.2	5.4	5.7	7.4	7.1	7.2	9.6	8.6	9.0	9.9	8.9	9.3
7	6.1	4.4	5.3	7.5	7.2	7.4	9.7	8.4	9.0	10.0	8.9	9.4
8	5.7	4.6	5.3	7.5	7.3	7.4	9.7	8.8	9.2	10.3	9.1	9.6
9	6.3	5.0	5.6	7.6	7.3	7.4	9.5	8.5	9.0	9.6	9.0	9.3
10	6.5	4.8	5.6	8.6	7.5	7.8	9.1	8.2	8.7	9.9	9.1	9.5
11	6.0	5.1	5.6	7.9	7.6	7.7	9.6	8.3	8.9	10.5	9.2	9.8
12	6.0	4.8	5.4	8.0	7.7	7.8	9.7	8.6	9.0	10.4	9.3	9.8
13	6.3	4.8	5.6	8.8	7.8	8.2	9.3	8.3	8.8	9.8	9.2	9.5
14	6.4	5.3	5.8	9.3	8.4	8.8	9.1	8.0	8.4	10.2	9.0	9.5
15	6.3	5.3	5.7	9.5	8.7	9.1	9.5	8.3	8.7	10.7	9.4	10.0
16	6.5	5.6	6.0	9.3	8.6	8.8	9.9	8.7	9.1	11.0	9.5	10.1
17	6.6	4.9	5.8	9.2	8.3	8.7	9.8	8.6	9.1	11.0	9.7	10.3
18	5.9	4.9	5.4	9.2	8.4	8.7	10.0	8.8	9.3	11.0	9.5	10.2
19	6.7	5.3	5.9	9.3	8.4	8.8	10.2	8.8	9.4	11.0	9.6	10.3
20	6.6	5.6	6.1	9.1	8.3	8.6	10.3	9.0	9.5	---	---	---
21	6.7	5.8	6.3	8.9	8.1	8.4	10.2	9.0	9.5	11.3	9.8	10.5
22	7.1	5.8	6.4	8.8	7.9	8.3	10.2	8.8	9.5	11.3	9.7	10.4
23	7.2	5.4	6.2	9.3	8.1	8.5	9.9	8.9	9.4	10.0	9.5	9.7
24	7.4	6.0	6.7	9.4	8.3	8.7	9.6	8.4	9.0	10.8	9.4	10.0
25	6.2	5.7	5.9	9.7	8.6	9.0	10.2	8.7	9.4	11.3	9.8	10.5
26	6.1	5.3	5.8	9.7	8.6	9.0	9.9	9.0	9.5	11.3	9.9	10.7
27	6.8	5.9	6.2	9.7	8.6	9.0	9.8	9.0	9.4	10.9	10.1	10.5
28	7.9	5.4	6.7	9.7	8.6	9.0	9.2	8.7	8.9	10.9	9.5	10.1
29	6.9	5.7	6.2	9.8	8.4	9.0	9.1	8.7	8.9	11.2	9.6	10.4
30	6.9	5.9	6.3	9.6	8.4	9.0	9.3	8.6	8.9	11.1	9.6	10.3
31	7.6	5.8	6.3	---	---	---	9.5	8.7	9.1	11.3	9.6	10.4
MONTH	7.9	4.4	5.9	9.8	5.4	8.1	10.3	7.6	9.0	11.3	8.6	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	9.8	10.7	11.6	10.2	10.9	10.9	9.7	10.2	11.0	9.8	10.2
2	11.7	9.8	10.8	11.6	10.3	10.9	11.2	9.7	10.3	11.1	9.8	10.4
3	11.8	9.8	10.8	11.9	10.2	11.0	11.1	9.8	10.3	11.0	9.6	10.3
4	11.9	9.9	10.8	11.5	10.2	10.7	11.4	9.8	10.5	10.9	9.3	10.0
5	11.2	9.7	10.4	11.7	10.1	10.8	11.7	9.8	10.6	10.9	9.5	10.2
6	10.7	9.6	10.2	10.9	9.9	10.4	11.4	9.8	10.5	---	---	---
7	11.8	9.8	10.7	10.4	9.5	10.0	10.6	9.6	10.1	10.2	9.6	9.8
8	12.0	10.0	11.0	10.6	10.3	10.4	10.8	9.7	10.3	10.1	9.7	9.9
9	12.1	10.1	11.1	10.6	10.3	10.4	11.3	9.6	10.5	10.7	9.7	10.1
10	11.9	10.1	11.0	10.5	10.1	10.3	11.5	9.8	10.6	10.9	9.6	10.2
11	11.9	10.0	10.9	10.7	10.1	10.5	11.1	9.7	10.4	10.7	9.7	10.2
12	12.4	10.1	11.2	10.9	10.3	10.6	11.6	9.7	10.4	10.8	9.6	10.2
13	11.5	10.2	10.8	11.1	10.3	10.6	11.3	9.5	10.3	10.4	9.5	10.0
14	12.0	10.2	11.1	11.0	10.4	10.6	11.4	9.7	10.5	10.7	9.5	10.1
15	11.5	10.2	10.8	11.1	10.3	10.7	11.3	9.6	10.4	10.6	9.6	10.1
16	11.3	9.8	10.5	11.2	10.4	10.7	11.1	9.6	10.4	10.9	9.2	10.1
17	11.0	10.2	10.6	11.5	10.3	10.8	11.0	9.6	10.3	11.0	9.3	10.2
18	10.7	10.1	10.4	11.0	10.1	10.5	10.9	9.7	10.2	11.4	9.5	10.4
19	11.4	10.0	10.6	11.0	9.9	10.3	10.8	9.7	10.2	10.8	9.2	10.0
20	11.3	10.3	10.8	10.6	9.9	10.2	10.2	9.6	9.9	11.2	8.7	9.9
21	11.7	10.5	11.0	11.5	10.1	10.7	9.9	9.3	9.5	11.2	9.0	10.1
22	11.6	10.3	11.1	10.9	10.0	10.4	10.4	9.1	9.8	11.5	9.0	10.2
23	11.2	9.5	10.3	11.1	9.8	10.3	10.0	9.8	9.9	11.4	8.8	10.2
24	10.4	9.2	9.7	11.6	10.1	10.7	10.2	9.8	10.0	11.4	9.3	10.5
25	10.5	9.4	10.0	10.8	10.0	10.3	10.8	9.7	10.2	10.9	8.9	10.0
26	10.3	9.4	9.7	10.2	9.8	10.0	10.8	10.0	10.4	10.8	8.5	9.8
27	11.2	9.9	10.5	10.4	9.8	10.1	10.7	10.1	10.3	11.1	8.6	9.7
28	11.3	10.2	10.7	10.7	9.7	10.1	10.8	9.9	10.4	10.9	9.2	10.1
29	11.3	10.1	10.7	10.5	9.7	10.0	11.1	10.1	10.6	10.0	8.4	8.9
30	---	---	---	10.1	9.6	9.8	11.1	10.1	10.6	10.6	8.3	9.4
31	---	---	---	10.7	9.5	9.9	---	---	---	11.1	8.6	9.8
MONTH	12.4	9.2	10.7	11.9	9.5	10.4	11.7	9.1	10.3	11.5	8.3	10.0

SANTEE RIVER BASIN

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 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 National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, Oct. 6, 7, June 8 - 11, 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 72 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3960	4330	2980	6900	5810	12100	8860	5900	6140	5780	4220	4510
2	3450	5290	3570	3810	4660	9030	8560	4700	6000	7110	4270	6170
3	3170	5800	4880	5660	3890	7480	7240	3880	5230	7060	4370	6180
4	3920	8150	6540	6150	4160	6620	8310	4450	4920	5860	3950	4970
5	5990	8840	6720	6680	4050	7510	6750	4980	6390	3480	3600	4490
6	5200	7420	6670	6510	4730	7690	5810	5810	5440	5010	2960	4180
7	4000	5860	4340	6490	4620	17200	5560	6130	6170	4640	4080	4230
8	3430	4620	3870	6120	4580	28500	7930	8400	10000	6410	2770	7090
9	4450	7240	3860	4960	5250	25300	6430	10900	15000	4710	3010	7780
10	2920	7390	3880	4140	5610	18700	4840	17400	5000	9160	3120	7150
11	3850	5580	3890	4360	5450	13200	4510	13500	6000	7000	7680	5860
12	4380	6040	4170	5160	4610	9840	6050	8890	12600	4200	4830	3400
13	4740	7010	4460	5880	3850	8460	7070	8780	19700	5860	3880	4900
14	4520	5370	3980	5830	3660	8500	5870	7520	14400	5030	7360	5060
15	3960	3560	3980	4840	3700	7960	4590	7540	16100	3540	7990	5410
16	3940	3570	4400	3880	5160	8140	6120	7290	13000	2340	7230	6750
17	3370	3660	3680	4310	6220	7780	4890	7210	10200	3390	8240	8370
18	4130	2530	4000	5210	6760	6690	4290	4530	10800	4410	9230	8640
19	4070	4070	3490	5280	6860	6450	5210	5530	12700	4580	6700	4400
20	5300	4090	3210	4740	6710	8930	5600	5390	10900	3230	5720	4790
21	3110	4110	4920	3770	5770	10400	8400	6820	7980	4570	9440	7480
22	3250	3980	4070	4060	4150	10300	24900	4570	5310	4670	7280	9930
23	2630	3010	2270	4760	5540	8710	44500	4190	5610	5930	7070	4910
24	3110	4040	4050	5370	7780	9740	33900	4330	8370	6760	6140	3950
25	4770	4060	4060	7080	13000	9230	12100	5740	7550	4370	6520	5520
26	6780	3730	4090	7170	20600	15600	7940	4320	5450	4440	5230	5330
27	5190	3860	5650	6710	32900	24100	7660	4230	7070	9230	9580	5010
28	3450	3970	4440	7370	35100	16200	7320	4420	5810	9710	10000	5170
29	3590	2870	5800	6930	23900	12500	7160	4870	5160	3960	3620	7700
30	4380	2090	5290	5960	---	9670	6830	6310	4850	3610	6060	8780
31	5100	---	6530	5860	---	9680	---	6210	---	4280	4880	---
TOTAL	128110	146140	137740	171950	249080	362210	285000	204740	259850	164330	181030	178110
MEAN	4133	4871	4443	5547	8589	11680	9500	6605	8662	5301	5840	5937
MAX	6780	8840	6720	7370	35100	28500	44500	17400	19700	9710	10000	9930
MIN	2630	2090	2270	3770	3660	6450	4290	3880	4850	2340	2770	3400
CFSM	.53	.62	.57	.71	1.09	1.49	1.21	.84	1.10	.68	.74	.76
IN.	.61	.69	.65	.81	1.18	1.72	1.35	.97	1.23	.78	.86	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1992, BY WATER YEAR (WY)

	MEAN	7369	7092	8836	11550	12950	14260	11800	8155	7255	6899	7187	6420
MAX	33460	18680	21660	25490	34910	30700	27670	18080	18730	16730	18650	19250	
(WY)	1965	1958	1977	1982	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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1940 - 1992

ANNUAL TOTAL	3504380	2468290	
ANNUAL MEAN	9601	6744	9130
HIGHEST ANNUAL MEAN			15130
LOWEST ANNUAL MEAN			4178
HIGHEST DAILY MEAN	61800	Mar 5	150000
LOWEST DAILY MEAN	2090	Nov 30	662
ANNUAL SEVEN-DAY MINIMUM	3300	Nov 26	964
INSTANTANEOUS PEAK FLOW			155000
INSTANTANEOUS PEAK STAGE			29.74
INSTANTANEOUS LOW FLOW			588
ANNUAL RUNOFF (CFSM)	1.22	.86	1.16
ANNUAL RUNOFF (INCHES)	16.61	11.70	15.80
10 PERCENT EXCEEDS	17300	9950	16200
50 PERCENT EXCEEDS	7580	5530	6760
90 PERCENT EXCEEDS	3910	3660	3110

SANTÉE RIVER BASIN

02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22'', long 80°58'28'', Richland County, Hydrologic Unit 03050110, at left bank, downstream side of bridge on U.S. Highways 378 and 76 (Devine Street) at Columbia, 0.75 mi downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 mi².

PERIOD OF RECORD.--Water years 1964-66 (annual maximum), October 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 137.38 ft above National Geodetic Vertical Datum of 1929. Apr. 1, 1964 to Aug. 6, 1966, crest-stage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	33	33	69	74	136	65	33	21	94	18	26
2	59	34	36	74	56	126	59	31	22	66	17	24
3	83	37	72	139	49	111	54	29	23	54	17	43
4	70	39	95	98	53	86	55	29	41	44	17	41
5	70	38	66	88	77	52	52	27	46	36	20	79
6	64	36	56	79	85	88	41	29	37	31	18	136
7	55	34	52	73	76	87	38	53	31	28	19	110
8	48	34	46	174	69	65	38	131	86	26	18	82
9	44	66	41	181	65	62	41	104	296	23	18	76
10	41	153	40	100	62	85	42	71	138	22	18	47
11	40	94	37	74	60	78	43	53	87	21	18	35
12	40	76	36	63	51	53	50	43	102	19	18	30
13	39	64	36	63	45	49	44	38	69	18	96	26
14	36	56	38	89	43	46	37	35	152	17	415	22
15	47	50	38	78	51	32	34	32	105	16	266	21
16	63	44	37	76	54	26	33	30	70	15	132	20
17	61	40	35	76	35	108	30	29	56	14	179	19
18	54	36	34	77	17	77	31	27	45	17	390	19
19	49	34	33	131	15	46	30	26	40	21	226	39
20	45	34	32	119	14	35	37	24	36	52	172	50
21	42	35	32	109	48	26	181	23	33	54	80	151
22	40	37	33	101	90	21	266	21	29	47	54	65
23	39	38	35	156	264	29	144	20	26	174	44	39
24	39	36	48	144	148	33	79	19	25	128	38	50
25	38	33	47	121	233	74	57	19	23	62	33	51
26	37	32	45	95	333	327	46	19	22	41	30	47
27	37	31	49	79	230	210	40	19	28	31	65	40
28	36	31	140	81	262	143	38	19	110	27	90	37
29	35	31	339	79	159	96	36	20	360	23	33	33
30	34	32	171	91	---	80	34	20	191	21	28	27
31	33	---	96	97	---	73	---	21	---	20	27	---
TOTAL	1468	1368	1928	3074	2818	2560	1775	1094	2350	1262	2614	1485
MEAN	47.4	45.6	62.2	99.2	97.2	82.6	59.2	35.3	78.3	40.7	84.3	49.5
MAX	83	153	339	181	333	327	266	131	360	174	415	151
MIN	33	31	32	63	14	21	30	19	21	14	17	19
CFSM	.79	.77	1.04	1.66	1.63	1.39	.99	.59	1.31	.68	1.41	.83
IN.	.92	.85	1.20	1.92	1.76	1.60	1.11	.68	1.47	.79	1.63	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1992, BY WATER YEAR (WY)

	MEAN	51.8	60.8	78.5	111	108	115	83.2	59.3	59.7	68.5	70.5	50.7
MAX	241	142	200	213	228	244	192	182	159	174	261	141	141
(WY)	1991	1987	1977	1987	1979	1971	1983	1991	1973	1975	1986	1987	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	12.5
(WY)	1979	1979	1989	1981	1986	1985	1986	1986	1986	1980	1983	1984	1984

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1967 - 1992

ANNUAL TOTAL	41888	23796	76.4	1991
ANNUAL MEAN	115	65.0	130	1985
HIGHEST ANNUAL MEAN			44.7	1985
LOWEST ANNUAL MEAN			1730	Aug 20 1986
HIGHEST DAILY MEAN	1300	Jul 30	1.6	Aug 1 1983
LOWEST DAILY MEAN	27	Jul 14	1.9	Jul 30 1983
ANNUAL SEVEN-DAY MINIMUM	32	Nov 25	2410	Aug 12 1986
INSTANTANEOUS PEAK FLOW			9.33	Aug 12 1986
INSTANTANEOUS PEAK STAGE		5.22	1.28	
ANNUAL RUNOFF (CFSM)	1.93	1.09	17.42	
ANNUAL RUNOFF (INCHES)	26.14	14.85		
10 PERCENT EXCEEDS	243	136	153	
50 PERCENT EXCEEDS	70	44	50	
90 PERCENT EXCEEDS	36	21	16	

* Also occurred on July 17.

SANTEE RIVER BASIN

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, SC

LOCATION.--Lat 33°44'12'', long 80°57'30'', Calhoun County, Hydrologic Unit 03050110, at center, downstream side of box culvert on U.S. Highway 21, 0.1 mi downstream from Rock Branch, 11.6 mi northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 mi².

PERIOD OF RECORD.--July 1966 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 164.21 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Oct. 18 - 21, Apr. 26, 27, May 4, 5, 19 - 22, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	12	12	15	14	17	15	13	9.2	19	10	10
2	13	13	12	14	14	16	15	13	9.0	19	11	10
3	17	13	14	17	14	16	14	12	9.5	25	14	10
4	14	13	16	16	13	16	14	12	14	25	11	10
5	16	13	13	14	14	16	14	12	11	16	11	14
6	14	12	12	13	14	20	14	12	9.7	14	11	12
7	13	12	12	13	14	26	14	18	9.0	13	10	12
8	13	13	12	13	14	19	16	23	13	12	10	11
9	13	18	12	13	13	17	14	17	19	11	10	10
10	13	26	12	13	13	17	14	14	13	11	10	10
11	13	17	12	13	13	16	15	13	14	11	10	10
12	13	14	12	13	13	15	16	12	22	11	11	10
13	13	13	12	21	13	15	15	12	18	11	28	10
14	13	13	12	22	13	15	14	12	54	11	30	10
15	14	13	12	16	14	15	14	11	38	11	24	10
16	14	13	12	14	15	15	14	11	30	11	19	10
17	13	13	12	14	15	14	14	10	31	12	19	9.9
18	12	13	11	13	17	14	14	10	19	17	22	9.9
19	11	12	11	23	15	20	14	10	17	16	37	10
20	11	12	11	19	14	18	16	9.9	15	12	60	12
21	12	12	11	17	13	16	40	9.8	13	11	29	10
22	13	13	11	15	13	15	34	9.3	12	12	23	10
23	13	13	12	23	29	18	20	9.1	12	14	20	10
24	13	12	18	19	23	15	17	9.0	12	11	17	14
25	13	12	13	16	23	16	16	9.0	11	11	15	13
26	13	12	12	15	44	30	15	9.2	11	11	13	11
27	13	12	13	15	25	19	14	9.3	14	11	13	11
28	13	12	21	15	20	17	14	9.1	17	11	13	12
29	12	12	40	15	19	16	14	9.9	19	11	12	10
30	12	12	20	15	---	16	13	11	15	11	11	10
31	12	---	16	15	---	16	---	9.8	---	10	11	---
TOTAL	404	400	431	489	488	531	487	361.4	510.4	412	545	321.8
MEAN	13.0	13.3	13.9	15.8	16.8	17.1	16.2	11.7	17.0	13.3	17.6	10.7
MAX	17	26	40	23	44	30	40	23	54	25	60	14
MIN	11	12	11	13	13	14	13	9.0	9.0	10	10	9.9
CFSM	1.30	1.33	1.39	1.58	1.68	1.71	1.62	1.17	1.70	1.33	1.76	1.07
IN.	1.50	1.49	1.60	1.82	1.82	1.98	1.81	1.34	1.90	1.53	2.03	1.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1992, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	10.5	11.9	13.3	15.4	16.0	17.7	15.2	12.9	12.3	12.2	12.3	10.6															
MAX	17.5	16.4	19.0	24.3	31.7	43.2	27.7	24.8	24.7	28.1	28.5	26.0															
(WY)	1991	1980	1973	1972	1973	1971	1973	1984	1973	1971	1971	1979															
MIN	7.31	7.94	7.19	8.81	10.3	10.0	8.11	5.93	6.00	5.19	6.54	5.64															
(WY)	1979	1982	1989	1989	1989	1990	1967	1981	1970	1986	1990	1990															

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1966 - 1992

ANNUAL TOTAL	5984.6	5380.6	
ANNUAL MEAN	16.4	14.7	13.4
HIGHEST ANNUAL MEAN			20.0
LOWEST ANNUAL MEAN			9.41
HIGHEST DAILY MEAN	83	60	285
LOWEST DAILY MEAN	9.7	9.0	3.9
ANNUAL SEVEN-DAY MINIMUM	10	9.1	4.5
INSTANTANEOUS PEAK FLOW		92	** 1360
INSTANTANEOUS PEAK STAGE		3.37	6.66
INSTANTANEOUS LOW FLOW		8.4	3.6
ANNUAL RUNOFF (CFSM)	1.64	1.47	1.34
ANNUAL RUNOFF (INCHES)	22.26	20.02	18.16
10 PERCENT EXCEEDS	24	20	21
50 PERCENT EXCEEDS	14	13	11
90 PERCENT EXCEEDS	12	10	7.1

* Also occurred on May 25, June 2, 7.

** From rating curve extended above 210 ft³/s.

SANTEE RIVER BASIN

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

LOCATION.--Lat 33°43'52'', long 80°37'43'', Calhoun County, Hydrologic unit 03050110, 200 ft downstream from Trezesvants boat 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 National Geodetic Vertical Datum of 1929 (South Carolina Public Service Authority bench mark). Prior to October 1, 1988, gage at same site at datum 69.57 ft higher.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 87.43 ft, Oct. 17, 1990 (maximum observed gage height, 87.47 ft, Mar. 5, 1987, by South Carolina Public Service Authority personnel); minimum gage height, 73.71 ft, Dec. 31, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 82.09 ft, Mar. 2; minimum, 74.24 ft, Nov. 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.59	75.85	74.67	78.13	---	81.91	80.30	79.59	77.77	78.39	76.46	77.03
2	76.65	75.71	74.71	78.01	---	82.03	79.81	79.23	77.03	78.22	76.52	76.78
3	76.45	75.71	74.91	77.05	---	81.60	79.43	78.74	76.83	78.77	76.14	76.90
4	76.70	75.81	75.18	77.39	---	80.92	79.08	78.00	77.55	78.99	76.14	77.15
5	77.01	76.57	76.93	78.01	---	80.28	78.90	77.60	77.96	78.69	75.96	76.92
6	77.56	76.91	77.69	78.30	---	79.95	78.25	77.64	78.55	77.83	75.88	76.78
7	77.18	76.57	77.57	78.33	---	79.88	77.69	78.11	78.64	77.60	75.73	76.60
8	76.58	75.99	77.09	78.27	---	80.40	77.60	78.63	78.81	77.38	75.87	76.66
9	75.93	75.33	76.59	78.10	---	80.81	77.80	79.21	79.87	77.57	75.57	77.45
10	75.97	76.13	76.39	77.63	---	81.17	77.63	79.76	80.03	77.49	75.47	78.20
11	75.67	76.92	76.31	77.07	76.48	81.47	77.48	80.35	79.49	78.21	75.49	78.25
12	75.79	76.43	76.08	77.07	76.65	81.50	77.32	80.46	79.84	77.89	76.38	78.05
13	75.88	76.44	76.13	77.55	---	81.17	77.03	80.27	80.25	76.89	76.63	77.37
14	76.03	76.80	76.28	77.80	---	80.62	76.96	79.91	80.68	76.40	76.42	77.10
15	75.93	76.35	76.01	77.65	---	80.16	76.79	79.50	80.88	76.66	77.84	76.64
16	75.70	75.48	75.63	77.24	---	79.72	76.68	79.28	81.03	---	78.80	76.44
17	75.57	74.92	75.38	76.69	---	79.50	76.62	79.11	81.07	---	78.76	76.56
18	75.50	74.84	75.04	76.85	---	79.25	76.23	78.92	80.92	---	78.84	77.23
19	75.67	74.36	74.89	77.50	---	79.04	75.94	78.04	80.78	---	79.45	77.52
20	75.73	75.10	74.96	77.55	---	78.94	76.08	77.85	80.73	75.64	79.44	77.02
21	76.01	75.20	75.15	77.02	---	79.21	76.43	77.75	80.63	75.45	79.18	76.63
22	75.57	75.09	75.74	76.83	---	79.48	78.05	78.12	80.29	75.57	79.49	76.94
23	75.47	74.99	75.48	76.66	---	79.44	80.10	77.55	79.67	75.71	79.53	77.92
24	75.34	74.86	74.74	77.00	---	79.15	80.71	77.12	79.30	76.11	79.16	77.93
25	75.35	75.08	---	77.71	78.49	79.26	81.36	76.96	79.53	76.43	78.59	77.24
26	75.77	75.35	---	78.16	79.74	79.63	81.97	77.11	79.67	75.90	78.53	77.28
27	76.38	75.83	---	78.03	80.50	80.21	81.69	76.72	79.28	75.58	78.54	76.92
28	76.12	76.01	---	77.83	80.90	80.64	80.98	77.00	79.29	76.63	79.22	76.59
29	75.59	75.70	---	78.25	81.37	80.92	80.34	77.00	79.23	77.95	79.52	76.90
30	75.40	75.10	---	78.39	---	80.98	79.90	77.45	78.95	77.16	78.26	77.90
31	75.58	---	77.83	---	---	80.73	---	78.04	---	76.33	77.53	---
MEAN	76.02	75.71	75.90	77.60	79.16	80.32	78.50	78.42	79.48	77.09	77.59	77.16
MAX	77.56	76.92	77.83	78.39	81.37	82.03	81.97	80.46	81.07	78.99	79.53	78.25
MIN	75.34	74.36	74.67	76.66	76.48	78.94	75.94	76.72	76.83	75.45	75.47	76.44

CAL YR 1991 MEAN 78.62 MAX 83.43 MIN 74.36

WTR YR 1992 MEAN 77.69 MAX 82.03 MIN 74.36

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.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical datum of 1929 (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, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.95 ft, July 1; minimum, 72.56 ft, Jan. 12, 13.

Capacity Table

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
71.0	24.87
72.0	28.21
74.0	34.90
76.0	42.00
76.8	45.00

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.17	74.46	73.56	72.85	73.73	74.88	75.48	75.56	75.05	75.82	74.56	75.39
2	75.31	74.44	73.50	72.95	73.74	75.17	75.34	75.57	74.94	75.71	74.70	75.31
3	75.29	74.32	73.68	73.10	73.70	75.39	75.17	75.52	75.04	75.74	74.78	75.28
4	75.20	74.16	73.29	73.05	73.62	75.43	75.06	75.39	75.17	75.68	74.87	75.24
5	75.06	74.01	73.22	73.00	73.50	75.40	74.97	75.21	75.27	75.53	74.87	75.30
6	74.97	73.89	73.24	72.94	73.45	75.35	74.93	75.31	75.31	75.35	74.87	75.25
7	74.90	73.71	73.32	72.82	73.29	75.23	74.92	75.51	75.29	75.18	74.80	75.23
8	74.83	73.51	73.32	72.70	73.30	75.11	74.87	75.45	75.35	75.07	74.76	75.22
9	74.80	73.51	73.32	72.71	73.32	75.03	74.82	75.46	75.42	74.98	74.72	75.17
10	74.83	73.28	73.27	72.75	73.43	75.14	74.76	75.44	75.52	74.82	74.66	75.19
11	74.78	73.29	73.21	72.62	73.50	75.16	74.72	75.50	75.66	74.70	74.64	75.18
12	74.76	73.37	73.10	72.56	73.55	75.25	74.68	75.57	75.77	74.54	74.64	75.05
13	74.73	73.46	73.13	72.71	73.60	75.34	74.56	75.62	75.73	74.40	74.89	75.05
14	74.65	73.52	73.27	72.83	73.55	75.26	74.55	75.60	75.83	74.30	74.97	75.00
15	74.59	73.54	73.35	72.82	73.60	75.28	74.50	75.59	75.87	74.32	75.22	74.88
16	74.50	73.48	73.24	72.72	73.66	75.09	74.42	75.54	75.84	74.32	75.40	74.80
17	74.50	73.45	73.22	72.67	73.82	74.98	74.35	75.48	75.84	74.34	75.57	74.70
18	74.50	73.40	73.19	72.72	73.80	74.96	74.30	75.43	75.86	74.28	75.62	74.70
19	74.52	73.39	73.08	72.89	73.94	75.04	74.20	75.31	75.90	74.28	75.66	74.69
20	74.56	73.43	72.93	73.03	73.93	75.02	74.24	75.23	75.86	74.27	75.68	74.73
21	74.62	73.46	72.87	73.05	73.95	74.96	74.39	75.22	75.80	74.27	75.72	74.78
22	74.57	73.51	72.93	73.09	74.00	75.00	74.45	75.31	75.75	74.28	75.82	74.80
23	74.52	73.50	73.02	73.35	74.21	75.04	74.57	75.38	75.66	74.28	75.81	74.79
24	74.51	73.52	73.02	73.23	74.29	75.03	74.70	75.40	75.55	74.33	75.80	74.85
25	74.49	73.42	73.02	73.28	74.43	75.04	74.86	75.42	75.46	74.37	75.74	74.90
26	74.50	73.35	72.96	73.35	74.52	75.06	75.13	75.44	75.45	74.30	75.69	74.96
27	74.51	73.39	72.84	73.51	74.53	74.99	75.44	75.38	75.59	74.25	75.63	74.99
28	74.42	73.45	72.82	73.54	74.62	75.00	75.63	75.31	75.68	74.29	75.65	74.99
29	74.45	73.52	72.77	73.61	74.65	75.08	75.61	75.25	75.71	74.41	75.62	74.97
30	74.43	73.53	72.81	73.70	---	75.28	75.53	75.20	75.80	74.49	75.59	75.00
31	74.42	---	72.85	73.75	---	75.38	---	75.14	---	74.52	75.51	---
MAX	75.31	74.46	73.68	73.75	74.65	75.43	75.63	75.62	75.90	75.82	75.82	75.39
MIN	74.42	73.28	72.77	72.56	73.29	74.88	74.20	75.14	74.94	74.25	74.56	74.69
[+]	36.30	33.33	31.05	34.06	37.07	39.67	40.23	38.77	41.24	36.64	40.16	38.24
[*]	-922	-1,146	-851	1,124	1,201	971	216	-545	953	-1,717	1,314	-741

CAL YR 1991 * -68 MAX 76.73 MIN 72.67

WTR YR 1992 * -17 MAX 75.90 MIN 72.56

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream of temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

REMARKS.--Discharge records for 1987-91 water years are computed by utilization of the One-Dimensional unsteady flow simulation model. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River Basin (see sta 02172002) and lower Santee (see sta 02171645). Seepage from north dike of Lake Marion Dam bypasses station via Little River.

DISCHARGE FOR THE 1992 WATER YEAR WILL BE INCLUDED WITH 1993 WATER RESOURCES DATA

SANTEE RIVER BASIN

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38'', long 80°57'38'', Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Data collection platform. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge records for 1987-91 water years are computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary data collection platforms (sta. 02171645 and 02171700) are used in conjunction with this station for computation of discharge. Flow completely regulated by Lake Marion (see sta. 02171000). Water is diverted above station from Lake Marion through canal into Lake Moultrie (see sta. 02172000) for generation of power and for navigation, then discharged into the Cooper River (see sta. 02172002) and the lower Santee River (see sta 02171645). Negative flow is observed during initial releases from St. Stephens power house. During periods of incomplete gage height record, daily values are estimated using discharges from Wilson Spillway provided by the South Carolina Public Service Authority.

DISCHARGE FOR 1992 WATER YEAR WILL BE INCLUDED WITH 1993 WATER RESOURCES DATA

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

LOCATION.--Lat 33°25'26'', long 79°51'40'', Berkeley County, Hydrologic Unit 03050112, on right bank, 3.2 mi downstream from St. Stephens Powerhouse, 0.8 mi upstream from Santee River, and 3.0 mi west of St. Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary water-stage recorder (sta. 02171560 and 02171700) are used with this station for computation of discharge. Flow is regulated by the St. Stephens Powerhouse. Water is diverted above station from Lake Moultrie for generation of power and for navigation, then discharged into the West Branch Cooper River (see station 02172002). During periods of incomplete gage-height record values of daily mean discharge from St. Stephens Powerhouse were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges.

DISCHARGE FOR 1992 WATER YEAR WILL BE INCLUDED WITH 1993 WATER RESOURCES DATA

SANTEE RIVER BASIN

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC

LOCATION.--Lat 33°24'05'', long 79°31'20'', Berkeley County, Hydrologic Unit 02150112, on right bank, on Tract 13P of Francis Marion National Forest, 3.9 mi east of St. Stephens, 600 ft downstream from Mattassee Lake, 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 1991 TO SEPTEMBER 1992

DATE	TIME	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLOR (PLAT- INUM- COBALT UNITS)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
OCT									
22...	1145	765	20.0	--	55	6.4	70	6.7	125
NOV									
27...	1335	770	12.0	2.2	22	9.0	83	7.1	101
DEC									
30...	1225	765	11.0	0.8	16	9.2	83	6.8	118
JAN									
31...	1215	755	11.0	1.9	20	9.6	88	6.8	95
FEB									
28...	1530	755	13.5	1.7	30	10.6	103	6.5	132
MAR									
31...	1325	755	14.5	2.1	40	10.2	101	7.0	118
APR									
30...	1330	760	19.0	2.0	30	7.1	77	6.8	108
MAY									
28...	1110	760	24.0	1.8	--	6.3	75	6.6	101
JUN									
29...	0911	760	28.0	2.2	20	7.0	90	6.7	102

DATE	TUR- BID- ITY (NTU)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT									
22...	130	9	650	1600	9	310	95	330	5.0
NOV									
27...	5.0	3	230	560	3	30	100	60	4.7
DEC									
30...	2.0	3	220	490	5	20	100	30	4.8
JAN									
31...	80	7	70	360	6	<10	100	40	4.6
FEB									
28...	230	18	70	550	17	<10	100	30	4.9
MAR									
31...	18	11	170	520	14	<10	1	30	5.2
APR									
30...	7.0	12	190	490	13	<10	97	30	5.3
MAY									
28...	7.0	13	50	450	14	<10	100	40	4.0
JUN									
29...	20	14	100	420	13	10	88	60	4.7

SANTEE RIVER BASIN

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC-Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992-Continued

DATE	TIME	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLOR (PLAT- INUM- COBALT UNITS)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
JUL 21...	1115	765	29.0	0.1	--	4.7	61	7.0	117
AUG 31...	0816	765	28.0	--	13	6.0	76	7.3	103
SEP 29...	1530	760	24.5	1.5	13	7.5	90	7.1	95

DATE	TUR- BID- ITY (NTU)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	SEDI- MENT, SUS- PENDED (MG/L)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)
JUL 21...	7.2	15	680	1500	13	300	100	330	4.8
AUG 31...	7.0	13	230	320	12	50	98	50	5.4
SEP 29...	6.0	13	60	410	12	<10	89	40	4.7

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

SANTEE RIVER BASIN

02171680 WEDBOO CREEK NEAR JAMESTOWN, SC

LOCATION.--Lat 33°19'50", long 79°48'10", Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on State Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.5 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--September 1966 to February 1972, February 1973 to September 1992 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Nov. 2 to Dec. 10, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.1	1.4	1.3	26	13	15	3.8	8.4	29	7.2	5.1
2	1.2	1.1	1.3	1.3	22	10	12	3.3	6.2	38	7.0	4.3
3	1.5	1.2	1.3	8.9	18	8.4	9.7	2.9	4.4	41	12	3.8
4	1.4	1.8	1.3	9.5	15	7.3	8.0	2.6	7.7	36	32	3.9
5	1.3	1.7	1.2	3.3	13	6.4	6.5	2.3	9.3	27	44	8.3
6	1.3	1.6	1.2	2.4	14	6.5	5.6	2.1	8.3	18	44	24
7	1.2	1.6	1.2	2.1	18	11	5.0	2.4	7.1	11	34	26
8	1.2	2.5	1.2	1.9	18	15	4.6	7.4	6.2	7.9	25	24
9	1.2	3.2	1.2	1.9	16	13	4.3	5.8	7.1	5.9	17	23
10	1.2	3.8	1.2	1.9	13	11	3.9	4.0	45	4.5	10	19
11	1.1	4.5	1.2	1.7	11	13	3.7	3.0	69	3.7	7.1	18
12	1.1	3.9	1.2	1.7	12	14	3.9	2.6	86	3.2	5.4	15
13	1.1	3.2	1.2	3.4	11	12	4.0	2.4	154	2.8	4.6	11
14	1.1	3.0	1.2	15	9.7	10	3.6	2.5	138	2.5	12	8.0
15	1.1	2.8	1.1	15	8.8	8.0	3.3	2.3	102	2.4	39	5.9
16	1.1	2.5	1.1	11	8.1	6.3	3.1	2.1	79	2.3	60	4.7
17	1.1	2.3	1.1	9.0	11	5.3	2.9	2.0	67	2.2	147	4.1
18	1.1	2.2	1.1	7.2	31	4.7	2.9	1.9	56	2.2	178	3.8
19	1.1	2.0	1.1	11	42	5.9	3.3	1.8	44	2.1	133	3.3
20	1.0	1.9	1.1	17	41	8.2	2.8	1.7	33	2.2	94	3.0
21	1.0	2.1	1.1	17	34	8.6	4.5	1.7	25	3.1	70	2.7
22	1.1	2.2	1.1	16	28	7.2	18	1.7	18	5.4	55	2.9
23	1.1	2.3	1.1	28	26	6.3	26	1.6	12	4.9	44	2.7
24	1.1	2.1	1.1	57	31	5.8	25	1.6	9.2	6.3	35	2.6
25	1.1	1.9	1.1	54	33	5.0	18	1.6	7.2	5.3	27	2.3
26	1.1	1.8	1.1	44	30	26	11	1.6	5.6	4.7	19	2.2
27	1.1	1.7	1.5	35	27	40	7.6	1.6	4.5	3.8	12	2.1
28	1.1	1.6	2.9	31	22	35	5.5	1.6	5.1	3.2	11	2.0
29	1.1	1.5	2.3	30	17	28	4.7	3.6	10	18	9.8	1.9
30	1.1	1.4	1.7	29	---	22	4.1	5.9	17	18	7.6	1.8
31	1.1	---	1.4	27	---	18	---	8.3	---	10	6.3	---
TOTAL	35.6	66.5	40.3	494.5	606.6	390.9	232.5	89.7	1051.3	326.6	1209.0	241.4
MEAN	1.15	2.22	1.30	16.0	20.9	12.6	7.75	2.89	35.0	10.5	39.0	8.05
MAX	1.5	4.5	2.9	57	42	40	26	8.3	154	41	178	26
MIN	1.0	1.1	1.1	1.3	8.1	4.7	2.8	1.6	4.4	2.1	4.6	1.8
CFSM	.07	.13	.07	.92	1.20	.72	.45	.17	2.01	.61	2.24	.46
IN.	.08	.14	.09	1.06	1.30	.84	.50	.19	2.25	.70	2.58	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1992, BY WATER YEAR (WY)

	MEAN	7.79	7.17	8.88	20.0	25.8	29.5	24.6	7.06	8.37	8.24	14.0	12.7
MAX	51.3	46.2	51.2	51.5	101	114	168	32.4	56.9	51.8	79.8	116	
(WY)	1991	1991	1977	1983	1973	1983	1980	1984	1973	1975	1971	1987	
MIN	.044	.18	.84	.82	.20	1.06	.21	.000	.39	.19	.098	.003	
(WY)	1982	1982	1985	1968	1985	1968	1968	1968	1985	1977	1980	1968	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1966 - 1992

ANNUAL TOTAL	5927.72	4784.9	13.1	
ANNUAL MEAN	16.2	13.1	13.1	
HIGHEST ANNUAL MEAN			28.1	1980
LOWEST ANNUAL MEAN			1.29	1981
HIGHEST DAILY MEAN	155	Aug 26	1220	Sep 6 1987
LOWEST DAILY MEAN	.73	Jul 26	.00	Jun 18 1967
ANNUAL SEVEN-DAY MINIMUM	.81	Jul 8	.00	Jun 18 1967
INSTANTANEOUS PEAK FLOW			185	Aug 18
INSTANTANEOUS PEAK STAGE			5.39	Aug 18
ANNUAL RUNOFF (CFSM)	.93		.75	
ANNUAL RUNOFF (INCHES)	12.67		10.23	
10 PERCENT EXCEEDS	45		33	
50 PERCENT EXCEEDS	4.9		4.8	
90 PERCENT EXCEEDS	1.0		1.2	

* Caused by backwater from Santee River.

02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17''. Long 79°40'42'', Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.1 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--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 National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Discharge records for 1987 - 91 water years are computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary data collection platform (sta. 02171560 and 02171645) are used in conjunction with this station for computation of discharge. During periods of incomplete gage-height record, daily values are estimated using data obtained from the South Carolina Public Service Authority for discharges from the St. Stephens Hydro-electric Plant and Wilson Spillway. Discharge affected by regulation from Lake Marion (see sta 02171000) and redirection from St. Stephens powerplant, several days during the year.

DISCHARGE FOR THE 1992 WATER YEAR WILL BE INCLUDED IN THE 1993 WATER RESOURCES DATA

SANTEE RIVER BASIN

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.

LOCATION.--Lat 33°14'43'', long 79°31'20'', Berkeley County, Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see station 02171000) and redirection from St. Stephens powerplant (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 27.69 ft, Mar. 10, 1987; minimum, 11.77 ft, Jan. 25, 1979 and Mar. 17, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.36 ft, Mar. 9; minimum, 13.49 ft, Nov. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.60	15.32	16.47	17.92	15.76	17.02	16.44	13.93	15.06	18.93	17.40	18.31
2	17.82	15.31	16.63	18.21	15.97	17.30	16.28	13.72	15.08	18.39	16.73	17.61
3	17.17	14.73	16.12	18.68	17.35	18.06	17.72	15.74	16.49	18.07	15.73	17.09
4	18.15	14.67	16.28	18.59	16.85	17.78	17.75	15.80	16.94	18.90	17.74	18.36
5	19.23	17.57	18.50	19.14	16.99	18.36	18.61	17.49	18.10	19.35	18.49	18.87
6	19.43	18.66	19.08	19.57	18.56	19.13	18.99	17.88	18.36	19.75	18.92	19.39
7	19.20	17.86	18.65	19.79	18.92	19.40	17.88	15.82	16.83	20.04	19.40	19.76
8	18.76	17.35	18.11	19.95	19.21	19.62	17.72	15.54	16.48	20.40	19.83	20.11
9	18.23	16.19	17.30	20.06	19.52	19.84	18.21	16.71	17.49	20.48	19.97	20.27
10	17.65	15.37	16.50	20.28	19.75	20.02	17.22	15.78	16.55	20.13	19.20	19.76
11	17.46	15.14	16.26	20.04	18.68	19.46	18.22	16.78	17.35	19.69	19.25	19.44
12	17.43	15.26	16.28	18.74	17.08	17.96	18.51	17.72	18.03	19.73	19.04	19.40
13	17.02	14.71	15.86	17.45	15.58	16.65	18.22	15.69	17.14	19.38	17.48	18.43
14	17.75	14.85	16.58	16.64	14.68	15.78	16.37	13.97	15.34	19.01	17.65	18.43
15	18.37	17.22	17.95	16.26	14.40	15.45	15.80	13.83	14.72	19.18	18.26	18.86
16	18.21	16.91	17.67	17.12	15.18	16.45	16.38	13.98	15.76	19.21	18.02	18.68
17	17.42	15.37	16.63	16.77	14.78	15.75	17.50	15.39	16.85	18.98	17.99	18.48
18	16.88	14.73	15.83	17.10	14.76	16.00	16.73	14.74	15.76	18.45	16.69	17.61
19	16.66	14.48	15.59	17.30	14.85	15.95	16.87	14.14	15.59	17.70	15.56	16.57
20	16.98	14.43	15.68	16.84	14.30	15.40	18.60	16.42	17.84	17.96	15.14	16.79
21	17.36	14.90	16.22	16.67	13.89	15.17	18.34	16.34	17.42	18.00	16.15	17.27
22	17.30	14.91	16.09	16.99	13.96	15.34	17.59	15.19	16.40	18.09	16.23	17.31
23	17.48	14.90	16.17	16.78	13.87	15.24	17.54	15.09	16.23	18.00	15.67	16.94
24	17.33	14.67	15.98	16.65	13.99	15.11	16.81	14.39	15.50	17.00	14.89	15.86
25	17.42	14.62	16.03	16.98	13.49	15.28	17.10	14.28	15.93	17.33	15.33	16.40
26	17.50	14.69	16.13	17.64	15.47	16.42	17.61	15.57	16.82	17.12	15.34	16.16
27	17.60	14.88	16.29	17.26	14.70	15.96	18.46	17.35	17.87	17.09	15.16	15.90
28	17.56	14.88	16.31	16.79	14.41	15.67	18.49	17.28	17.97	17.54	15.28	16.70
29	17.70	15.32	16.62	16.58	14.17	15.43	18.90	16.81	18.10	18.42	16.73	17.51
30	17.75	15.20	16.61	16.52	14.15	15.25	17.37	14.97	16.26	18.22	16.87	17.44
31	17.89	15.69	16.90	---	---	---	17.84	14.76	16.84	18.10	16.73	17.32
MONTH	19.43	14.43	16.69	20.28	13.49	16.87	18.99	13.72	16.68	20.48	14.89	17.97

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 National Geodetic Vertical Datum of 1929 (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, 10.35 ft, Mar. 11, 1987; minimum, 0.82 ft, Dec. 7, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.16 ft, June 12; minimum, 1.25 ft, Jan 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.98	3.03	5.08	7.56	4.42	6.19	6.28	1.80	4.02	7.17	3.21	5.34
2	7.43	3.48	5.65	7.70	4.38	6.24	6.17	1.72	3.93	7.24	3.40	5.48
3	6.76	2.72	4.99	7.57	3.98	5.95	6.63	1.99	4.23	7.38	3.27	5.41
4	7.06	2.62	5.02	7.36	3.62	5.51	5.98	1.33	3.54	7.09	3.19	5.20
5	7.28	3.29	5.55	7.56	3.17	5.78	6.61	2.13	4.49	6.96	3.35	5.32
6	7.29	3.57	5.53	7.76	3.93	6.07	6.88	2.74	4.59	7.50	3.93	5.78
7	7.47	3.49	5.66	7.73	4.06	5.98	6.48	2.27	4.13	7.38	3.98	5.73
8	7.55	3.44	5.73	7.65	3.97	5.98	6.08	1.84	3.88	7.13	3.98	5.53
9	7.40	3.47	5.55	7.83	4.61	6.23	6.41	2.41	4.12	6.87	3.81	5.25
10	7.13	3.02	5.21	7.56	4.51	5.97	6.19	2.19	4.21	6.40	3.19	4.69
11	6.91	2.91	4.93	7.00	3.98	5.36	6.61	2.92	4.67	6.39	3.35	4.79
12	6.68	2.69	4.67	6.89	3.60	5.18	6.20	3.02	4.56	6.41	3.43	4.95
13	6.60	2.95	4.81	6.51	3.18	4.78	5.91	2.40	4.22	6.61	3.19	4.88
14	6.68	3.08	4.94	5.91	2.67	4.36	5.44	1.61	3.63	7.05	2.20	4.55
15	6.73	3.71	5.17	5.51	2.30	4.00	5.30	1.99	3.52	6.20	2.45	4.52
16	6.64	3.54	4.99	5.66	2.21	4.02	5.25	1.89	3.62	5.90	2.45	4.03
17	6.49	3.10	4.93	6.15	2.53	4.34	6.09	1.85	3.95	6.87	2.24	4.34
18	6.24	2.71	4.59	6.51	2.73	4.70	5.65	1.68	3.49	6.61	2.09	4.40
19	6.26	2.68	4.51	6.60	2.51	4.45	6.10	1.39	3.86	6.90	2.02	4.65
20	6.60	2.53	4.78	6.51	1.97	4.19	7.03	2.05	4.74	7.14	2.33	4.81
21	7.06	3.19	5.32	6.52	1.63	4.05	7.17	2.50	4.65	6.99	2.19	4.66
22	7.01	2.97	5.09	6.83	1.84	4.25	6.99	1.79	4.60	6.90	2.29	4.61
23	7.04	2.69	4.99	6.62	1.61	4.19	7.10	2.32	4.67	7.22	2.65	4.80
24	7.08	2.57	4.94	6.52	1.74	3.88	6.48	1.79	4.13	6.19	1.25	3.36
25	7.23	2.65	5.06	6.50	1.31	3.92	6.82	2.19	4.52	5.89	1.99	3.81
26	7.32	2.74	5.16	6.81	2.25	4.51	6.89	2.89	4.92	5.72	1.96	3.71
27	7.35	2.91	5.26	6.56	2.31	4.40	6.71	3.09	4.86	6.27	2.18	4.17
28	7.34	3.07	5.37	6.39	2.37	4.36	7.06	3.35	5.23	6.19	2.60	4.19
29	7.42	3.73	5.73	6.29	2.17	4.32	6.80	2.35	4.61	6.74	2.79	4.70
30	7.21	3.48	5.46	6.31	2.04	4.20	6.21	2.00	4.06	6.62	2.79	4.77
31	7.42	3.67	5.77	---	---	---	6.50	2.15	4.77	6.67	2.71	4.52
MONTH	7.55	2.53	5.18	7.83	1.31	4.91	7.17	1.33	4.27	7.50	1.25	4.74

SANTEE RIVER BASIN

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°11'40'', long 79°16'36'', Georgetown County, Hydrologic Unit 03050112, near left bank at AIW in Annandale Plantation, 6.5 mi southeast of North Santee. Prior to Feb. 21, 1986 at site 600 ft downstream.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 18.08 ft below National Geodetic Vertical Datum of 1929 (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, 25.38 ft, Sept. 22, 1989; minimum, 13.96 ft, Jan. 24, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.48 ft, June 12; minimum, 13.96 ft, Jan. 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.22	---	---	21.03	17.50	19.33	19.70	14.97	17.25	20.24	16.09	18.15
2	20.81	16.60	18.76	21.24	16.79	19.30	19.60	15.07	17.18	20.38	16.05	18.39
3	20.08	15.88	18.12	20.72	16.58	18.77	19.68	15.03	17.23	20.80	16.27	18.43
4	20.35	15.76	18.16	20.52	16.29	18.37	18.99	14.28	16.45	20.16	15.91	18.00
5	20.33	15.99	18.30	20.75	16.03	18.63	19.66	14.75	17.31	20.08	15.90	18.09
6	20.34	15.94	18.21	21.00	16.46	18.78	19.89	15.33	17.33	20.67	16.48	18.48
7	20.64	15.89	18.43	20.98	16.52	18.64	19.59	15.10	17.05	20.52	16.43	18.39
8	20.85	16.10	18.56	20.85	16.43	18.71	19.24	14.91	16.89	20.20	16.22	18.10
9	20.74	16.27	18.49	21.09	17.07	18.94	19.39	15.12	16.99	19.88	15.87	17.76
10	20.59	16.06	18.32	20.76	16.96	18.63	19.29	15.12	17.24	19.42	15.38	17.22
11	20.27	16.05	18.07	20.10	16.39	18.07	19.70	15.92	17.67	19.36	15.71	17.50
12	19.92	15.78	17.81	20.02	16.36	18.14	19.24	15.74	17.44	19.41	15.84	17.65
13	19.99	16.22	18.05	19.70	16.23	17.88	18.96	15.42	17.17	19.74	15.95	17.72
14	19.85	16.34	18.10	19.11	15.86	17.53	18.57	14.87	16.78	20.21	14.57	17.30
15	19.82	16.62	18.14	18.75	15.48	17.17	18.62	15.25	16.79	19.09	15.34	17.25
16	19.70	16.47	18.03	18.71	15.21	17.02	18.53	14.96	16.71	18.92	14.75	16.70
17	19.73	16.28	18.05	19.40	16.02	17.51	19.15	14.44	16.85	19.85	14.67	17.00
18	19.50	15.94	17.78	19.85	15.59	17.83	18.71	14.57	16.53	19.75	14.28	17.17
19	19.58	15.76	17.73	19.89	15.23	17.56	19.49	14.54	17.04	20.23	14.74	17.67
20	20.00	15.85	18.05	19.93	15.08	17.40	20.11	14.91	17.55	20.65	15.22	17.82
21	20.42	16.37	18.52	19.99	14.75	17.30	20.34	14.93	17.40	20.33	14.73	17.43
22	20.39	16.08	18.28	20.25	15.00	17.49	20.35	14.59	17.64	20.07	14.86	17.37
23	20.41	15.83	18.13	20.18	14.76	17.46	20.59	15.22	17.73	20.58	15.34	17.64
24	20.51	15.68	18.12	20.01	14.89	17.13	19.95	14.78	17.30	19.37	13.96	16.38
25	20.71	15.77	18.25	19.98	14.54	17.19	20.26	15.29	17.69	18.93	14.89	16.76
26	20.77	15.87	18.35	20.04	15.26	17.56	20.14	15.84	17.90	18.73	14.78	16.70
27	20.80	16.06	18.43	19.85	15.42	17.51	19.74	15.68	17.65	19.53	15.27	17.30
28	20.79	16.25	18.57	19.67	15.54	17.52	20.10	16.01	18.05	19.28	15.54	17.18
29	20.84	16.85	18.86	19.63	15.36	17.51	19.84	15.08	17.36	19.78	15.68	17.63
30	20.58	16.65	18.60	19.68	15.27	17.41	19.28	15.11	17.08	19.74	15.72	17.72
31	20.81	16.72	18.85	---	---	---	19.79	15.80	17.81	19.75	15.53	17.44
MONTH	20.85	15.68	18.27	21.24	14.54	17.94	20.59	14.28	17.26	20.80	13.96	17.56

SANTEE RIVER BASIN

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1979 to current year.

INSTRUMENTATION.--USGS mini-monitor.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 63,800 microsiemens, June 28, 1980; minimum, 100 or less microsiemens many days each year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,300 microsiemens, July 28; minimum, 100 or less microsiemens, many days throughout the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	50000	34000	41700	---	---	---	32400	9900	21000
2	---	---	---	51200	32600	42000	---	---	---	29700	10000	18800
3	---	---	---	43500	26400	36500	---	---	---	32200	9700	17700
4	---	---	---	32800	18600	25400	---	---	---	27000	8400	13800
5	---	---	---	37500	14600	21500	---	---	---	22200	6200	10100
6	---	---	---	33900	12300	17500	---	---	---	20100	4500	8410
7	---	---	---	23100	8900	12300	---	---	---	22400	3700	8170
8	---	---	---	23400	7200	11100	---	---	---	20100	3000	6050
9	---	---	---	33800	5300	16000	---	---	---	15100	1400	3930
10	---	---	---	31500	3700	9490	---	---	---	9700	1400	2980
11	---	---	---	23400	4200	7750	---	---	---	---	---	---
12	---	---	---	25300	4200	10500	---	---	---	---	---	---
13	---	---	---	23000	5600	13000	---	---	---	---	---	---
14	---	---	---	24100	6900	13400	---	---	---	---	---	---
15	---	---	---	24400	9300	14800	---	---	---	---	---	---
16	---	---	---	20200	9400	13500	---	---	---	---	---	---
17	---	---	---	32200	10300	18400	---	---	---	---	---	---
18	---	---	---	35100	15800	25200	12800	6800	8940	---	---	---
19	26300	10400	18500	32500	15800	23900	39000	10800	19500	---	---	---
20	33700	13900	23800	33600	16500	23000	42600	11400	22400	---	---	---
21	43300	18200	31600	41100	16600	24900	34500	9000	14300	---	---	---
22	40400	20500	32200	49500	19900	29600	50400	8300	20200	---	---	---
23	41600	21600	32600	---	---	---	47800	10000	23000	---	---	---
24	44900	24300	33300	---	---	---	34400	10900	21200	---	---	---
25	48500	26400	35900	---	---	---	42200	14400	25200	---	---	---
26	49700	25300	37700	---	---	---	37900	19300	28300	---	---	---
27	50000	29900	38900	---	---	---	34800	15000	23700	---	---	---
28	49700	31100	39900	---	---	---	35300	12500	21200	---	---	---
29	49900	33600	41200	---	---	---	18400	6200	11800	---	---	---
30	46900	32500	40500	---	---	---	25000	5600	8990	---	---	---
31	47900	33000	40600	---	---	---	35900	9500	18600	---	---	---
MONTH	50000	10400	34400	51200	3700	20500	50400	5600	19100	32400	1400	11100

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	---	---	---	10900	200	1740	15400	1700	3620
2	---	---	---	---	---	---	4500	300	840	3700	200	1640
3	---	---	---	---	---	---	10200	200	1510	1000	200	665
4	---	---	---	---	---	---	700	100	427	15800	500	2880
5	---	---	---	---	---	---	4800	100	439	11600	1200	3110
6	---	---	---	---	---	---	3300	200	805	15300	2000	5600
7	---	---	---	---	---	---	800	100	394	22400	5000	12400
8	---	---	---	---	---	---	3100	200	688	25100	4500	10400
9	---	---	---	---	---	---	11200	300	2620	7300	1200	4510
10	---	---	---	---	---	---	21100	900	3750	11000	1600	2990
11	---	---	---	---	---	---	17500	1000	3290	9400	1700	3240
12	---	---	---	---	---	---	9200	800	2310	15200	1300	4150
13	---	---	---	---	---	---	40600	1200	10500	13400	1800	3950
14	---	---	---	6100	100	725	30300	5400	13100	10800	1600	3540
15	---	---	---	500	100	276	17300	3300	6720	3100	200	1630
16	---	---	---	---	---	---	19300	700	4610	1300	200	905
17	---	---	---	---	---	---	22200	1000	4190	7600	100	1140
18	---	---	---	600	100	294	21200	1600	4470	6600	500	1480
19	---	---	---	600	100	331	19800	1500	5570	11200	200	1770
20	---	---	---	1400	100	457	10100	2200	5620	21600	1200	5910
21	---	---	---	1100	200	503	10100	1700	3430	27700	2300	9180
22	---	---	---	700	100	420	14200	1300	4140	23200	2800	8810
23	---	---	---	8300	100	1150	23100	2400	7550	21100	3100	8470
24	---	---	---	21600	800	5460	20700	4300	7470	22900	4500	9810
25	---	---	---	14900	1000	4080	18400	2800	5890	28400	6300	14300
26	---	---	---	6100	600	1910	20700	3400	8810	28400	9100	19900
27	---	---	---	2900	200	1090	25400	4100	9800	26400	11400	19600
28	---	---	---	1500	200	519	24900	3500	11100	30200	10500	19500
29	---	---	---	12500	100	1550	26800	3900	11200	28100	9300	18500
30	---	---	---	8800	400	1710	23100	3100	6770	17400	4700	8330
31	---	---	---	15300	300	2010	---	---	---	20700	2700	6590
MONTH	---	---	---	21600	100	1410	40600	100	4990	30200	100	7050
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	25500	2800	7340	3200	200	1070	49100	29800	38100	5600	600	1720
2	30000	2500	6960	34300	100	2690	48600	31700	39500	8500	1200	3380
3	33300	2700	7760	11200	400	3490	46200	27900	36500	10200	1900	4700
4	31100	2900	8700	8100	300	2350	39500	26300	32400	15100	1800	4670
5	31900	4000	9680	3500	200	1230	34200	20700	27300	13200	1700	

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.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--March 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum of 1929 (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, 25.36 ft, Nov. 5, 1990, but may have been higher during period of no gage-height record Sept. 21- 22, 1989; minimum, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.15 ft, June 12; minimum, 17.65 ft, Jan. 24.

GAGE HEIGHT (FEET ABOVE DATUM), OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.02	19.62	21.82	24.68	20.99	23.00	23.47	18.45	20.88	24.03	19.55	21.84
2	24.56	20.06	22.43	24.85	20.35	22.99	23.39	18.58	20.81	24.17	19.50	22.09
3	23.87	19.30	21.77	24.45	20.18	22.49	23.48	18.53	20.89	24.54	19.75	22.11
4	24.10	19.21	21.82	24.26	19.79	22.06	22.76	17.85	20.10	23.94	19.32	21.68
5	24.11	19.48	22.01	24.45	19.44	22.31	23.45	18.26	20.94	23.83	19.31	21.77
6	24.13	19.45	21.92	24.68	19.93	22.49	23.68	18.78	20.98	24.41	19.94	22.17
7	24.37	19.30	22.12	24.65	19.98	22.36	23.37	18.56	20.69	24.25	19.89	22.09
8	24.57	19.55	22.25	24.56	19.89	22.40	23.02	18.36	20.53	23.97	19.71	21.78
9	24.47	19.72	22.18	24.81	20.58	22.63	23.19	18.64	20.64	23.66	19.38	21.42
10	24.34	19.49	21.99	24.47	20.48	22.32	23.03	18.64	20.87	23.17	18.87	20.85
11	24.02	19.50	21.73	23.85	19.93	21.74	23.49	19.44	21.30	23.18	19.26	21.14
12	23.69	19.30	21.45	23.76	19.89	21.78	22.98	19.24	21.08	23.19	19.36	21.28
13	23.76	19.70	21.67	23.44	19.73	21.53	22.68	18.91	20.81	23.48	19.46	21.36
14	23.60	19.82	21.72	22.89	19.38	21.17	22.27	18.40	20.40	23.91	18.18	20.91
15	23.57	20.13	21.79	22.55	18.98	20.81	22.30	18.69	20.40	22.96	18.83	20.88
16	23.46	19.89	21.66	22.46	18.72	20.68	22.33	18.43	20.33	22.68	18.24	20.34
17	23.45	19.73	21.69	23.17	19.49	21.14	22.93	18.04	20.52	23.66	18.22	20.68
18	23.25	19.41	21.43	23.65	19.01	21.47	22.54	18.03	20.16	23.59	17.97	20.84
19	23.35	19.23	21.39	23.70	18.77	21.22	23.31	17.98	20.63	24.04	18.23	21.31
20	23.75	19.25	21.69	23.72	18.55	21.04	23.91	18.31	21.20	24.39	18.64	21.46
21	24.17	19.78	22.19	23.81	18.25	20.94	24.13	18.45	21.12	24.10	18.30	21.16
22	24.13	19.56	21.93	24.04	18.48	21.14	24.14	18.11	21.33	23.87	18.44	21.09
23	24.16	19.27	21.81	23.99	18.24	21.09	24.35	18.68	21.41	24.35	18.85	21.34
24	24.25	19.13	21.79	23.79	18.39	20.74	23.74	18.28	20.94	22.95	17.65	19.95
25	24.44	19.23	21.92	23.80	18.04	20.81	24.04	18.70	21.32	22.70	18.41	20.38
26	24.51	19.32	22.02	23.84	18.70	21.18	23.91	19.27	21.55	22.61	18.32	20.31
27	24.53	19.53	22.10	23.64	18.86	21.12	23.52	19.13	21.28	23.24	18.75	20.87
28	24.50	19.69	22.23	23.47	18.98	21.13	23.88	19.46	21.72	23.06	19.06	20.81
29	24.57	20.31	22.54	23.39	18.82	21.14	23.63	18.57	21.00	23.53	19.17	21.26
30	24.31	20.07	22.25	23.49	18.74	21.05	23.11	18.53	20.72	23.55	19.28	21.38
31	24.50	20.17	22.52	---	---	---	23.56	19.42	21.44	23.56	18.95	21.08
MONTH	24.57	19.13	21.93	24.85	18.04	21.60	24.35	17.85	20.90	24.54	17.65	21.21

SANTEE RIVER BASIN
02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1987 to current year.

INSTRUMENTATION.--USGS mini-monitor.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 46,700 microsiemens, Oct. 10, 1990; minimum, 100 or less microsiemens, many days each year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 42,100 microsiemens, Sept. 25; minimum, 100 or less microsiemens, many days during the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27200	2700	13900	18600	10100	15400	14300	2570	9230	---	---	---
2	33700	3700	17800	19900	10900	15800	14400	2900	9990	---	---	---
3	29200	3400	14500	18000	4670	11800	14700	2640	8510	---	---	---
4	28500	2900	15000	13500	2180	6240	12300	1560	4690	---	---	---
5	25300	1300	10000	13900	1690	5300	9070	1280	3210	---	---	---
6	14000	400	3660	15100	1120	3910	5500	1290	2010	---	---	---
7	11100	300	2650	10100	838	2430	3530	1310	1820	---	---	---
8	18500	300	4210	5370	760	1530	4140	1340	2140	---	---	---
9	18200	300	4160	12700	782	1710	4160	1360	2020	---	---	---
10	19100	400	5310	2310	705	1050	4690	1380	2150	---	---	---
11	18500	500	6510	2240	733	970	8110	1410	2580	---	---	---
12	15800	600	6580	2370	749	987	3230	1430	1800	---	---	---
13	19600	800	9230	3080	778	1290	2260	1350	1630	---	---	---
14	20500	2600	10700	5610	801	1860	3980	1470	2020	---	---	---
15	16300	400	6050	6730	837	2770	7900	1490	3400	---	---	---
16	6200	200	2170	7940	849	2750	9420	1620	4580	---	---	---
17	10300	200	2300	6580	860	2570	---	---	---	---	---	---
18	12900	200	3970	11300	983	4840	---	---	---	---	---	---
19	14300	409	6360	11300	1010	5180	---	---	---	---	---	---
20	16200	732	7740	12200	1030	5770	---	---	---	---	---	---
21	18000	3150	10600	13600	1150	7090	---	---	---	---	---	---
22	15700	3480	10100	16700	1680	9240	---	---	---	---	---	---
23	15700	3300	9920	16300	2300	9690	---	---	---	---	---	---
24	16400	3120	10000	15800	3420	9460	---	---	---	---	---	---
25	18000	3750	11200	16400	2950	9840	---	---	---	---	---	---
26	18300	4970	12100	15800	3480	9380	---	---	---	---	---	---
27	18300	6590	12800	13600	2290	7290	---	---	---	---	---	---
28	19000	7620	13700	12500	2020	7030	---	---	---	---	---	---
29	18100	9640	14000	15200	2250	7660	---	---	---	---	---	---
30	17300	9260	13600	13500	2570	8600	---	---	---	---	---	---
31	18200	8790	13900	---	---	---	---	---	---	---	---	---
MONTH	33700	200	9180	19900	705	5980	14700	1280	3860	---	---	---

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	800	200	271
2	---	---	---	---	---	---	---	---	---	500	100	273
3	---	---	---	---	---	---	---	---	---	800	200	277
4	---	---	---	---	---	---	---	---	---	1800	200	355
5	---	---	---	---	---	---	---	---	---	700	200	315
6	---	---	---	---	---	---	---	---	---	800	300	460
7	---	---	---	---	---	---	---	---	---	1900	600	1080
8	---	---	---	---	---	---	---	---	---	11200	1900	6810
9	---	---	---	---	---	---	---	---	---	4640	1830	3580
10	---	---	---	---	---	---	---	---	---	2050	750	1350
11	---	---	---	---	---	---	---	---	---	840	200	405
12	---	---	---	---	---	---	---	---	---	1400	200	370
13	---	---	---	---	---	---	---	---	---	3300	200	930
14	---	---	---	---	---	---	---	---	---	1800	200	601
15	---	---	---	---	---	---	6100	2100	4250	600	200	277
16	---	---	---	---	---	---	4300	2300	3490	400	200	262
17	---	---	---	---	---	---	3600	2700	3320	600	200	273
18	---	---	---	---	---	---	3300	2300	2730	600	200	368
19	---	---	---	---	---	---	3200	1900	2580	1600	500	596
20	---	---	---	---	---	---	3100	1800	2460	1500	600	742
21	---	---	---	---	---	---	3100	1500	2110	1300	800	1030
22	---	---	---	---	---	---	2200	1600	1880	---	---	---
23	---	---	---	---	---	---	1800	700	1270	---	---	---
24	---	---	---	---	---	---	900	200	507	---	---	---
25	---	---	---	---	---	---	1800	200	486	---	---	---
26	---	---	---	---	---	---	1300	200	339	---	---	---
27	---	---	---	---	---	---	1200	200	348	---	---	---
28	---	---	---	---	---	---	800	200	294	---	---	---
29	---	---	---	---	---	---	4900	200	955	---	---	---
30	---	---	---	---	---	---	1300	200	432	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	6100	200	1720	11200	100	982
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	400	100	168	---	---	---	---	---	---
2	---	---	---	4900	100	409	---	---	---	1400	500	682
3	---	---	---	4900	100	773	35500	7700	20300	1400	600	724
4	---	---	---	3500	100	451	29200	5000	16200	1700	600	846
5	---	---	---	1100	100	222	28300	2000	12200	1600	600	775
6	---	---	---	400	100	158	30100	400	7370	1500	600	840
7	---	---	---	400	100	145	13200	400	4610	1400	600	811
8	---	---	---	400	100	114	16100	1400	7810	1400	600	684
9	---	---	---	400	100	121	12900	3300	8470	1200	500	590
10	---	---	---	300	100	133	16100	2300	8690	1100	100	391
11	---	---	---	400	100	132	16000	2200	8700	1400	100	324
12	---	---	---	400	100	146	15500	4200	10500	900	100	355
13	---	---	---	400	100	156	17400	6700	12000	2400	100	482
14	---	---	---	1200	100	239	17100	3700	10700	11600	200	1330
15	---	---	---	10400	100	1790	12900	3100	7440	5700	200	710
16	---	---	---	16600	100	3880	9200	2000	5130	900	100	348
17	---	---	---	21900	200	7670	7000	1300	2840	800	100	307
18	---	---	---	26200	800	11000	3500	800	1360	700	100	268
19	---	---	---	32700	2600	15100	2000	600	804	1100	100	281
20	---	---	---	31700	2300	13500	1500	500	672	1500	100	434
21	---	---	---	24200	2400	13200	1700	600	766	9300	100	1970
22	---	---	---	23300	2500	12700	2200	800	957	17100	200	5310
23	---	---	---	23400	3200	13700	2200	900	1260	27100	300	8800
24	---	---	---	24500	3600	15100	2200	900	1050	41600	2200	16000
25	---	---	---	26400	2200	15400	2400	1000	1190	42100	1200	17300
26	200	100	102	34200	4700	19400	2500	1000	1150	38700	1300	15500
27	200	100	124	35500	6200	21500	---	---	---	40800	1500	15100
28	300	100	151	38100	5600	21400	---	---	---	41300	1700	15700
29	5600	100	517	38700	9500	24500	---	---	---	24800	1400	11200
30	4600	100	376	---	---	---	---	---	---	29500	1300	9130
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	5600	100	254	38700	100	7350	35500	400	6340	42100	100	4390
YEAR	42100	100	5310									

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.

PERIOD OF RECORD.--January 1941 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1924 (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 32,400,000,000 ft³ between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft³. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 78.30 ft, Sept. 21, 1989 (affected by high winds); minimum, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.48 ft, Sept. 5; minimum, 71.90 ft, Jan. 12.

Capacity Table

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
68.0	12.74
70.0	16.73
72.0	20.08

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.10	74.43	73.57	72.74	73.45	73.32	74.21	74.68	74.65	75.27	74.53	75.14
2	75.24	74.23	73.29	72.76	73.35	73.28	74.14	74.70	74.74	75.26	74.61	75.08
3	75.27	74.15	73.32	72.69	73.18	73.29	73.98	74.70	74.90	75.35	75.12	75.05
4	74.88	74.11	73.10	72.52	73.11	73.34	74.25	74.67	74.98	75.01	74.75	75.03
5	74.56	73.67	72.91	72.48	72.99	73.36	74.37	74.96	75.19	74.68	74.72	75.22
6	74.64	73.41	73.01	72.03	72.79	73.33	74.41	75.22	74.99	74.59	74.74	75.07
7	74.74	73.19	73.15	71.74	72.91	73.32	74.53	75.28	74.83	74.56	74.69	75.10
8	74.69	73.06	72.97	71.55	73.17	73.39	74.54	75.08	74.84	74.64	74.66	75.05
9	74.82	73.10	73.03	72.02	73.28	73.41	74.45	74.94	75.04	74.47	74.64	74.92
10	74.84	72.91	73.02	72.26	73.36	73.47	74.37	74.80	74.99	74.26	74.61	74.93
11	74.72	73.22	72.81	71.92	73.45	73.40	74.40	74.77	75.13	74.03	74.59	74.85
12	74.74	73.30	72.80	72.01	73.48	73.35	74.46	74.75	75.22	73.87	74.58	74.72
13	74.74	73.43	73.03	72.33	73.42	73.37	74.45	74.70	74.77	73.86	74.76	74.84
14	74.36	73.45	73.22	72.34	73.38	73.32	74.33	74.72	74.55	73.98	74.91	74.74
15	74.40	73.26	73.25	72.11	73.47	73.89	74.25	74.83	74.31	74.17	75.02	74.62
16	74.42	73.37	73.14	72.43	73.64	73.81	74.15	74.75	74.28	74.26	75.37	74.55
17	74.52	73.45	73.05	72.28	73.55	73.97	74.06	74.78	74.28	74.26	75.23	74.48
18	74.50	73.33	73.21	72.57	73.53	74.30	74.04	74.82	74.35	74.24	75.17	74.44
19	74.51	73.38	72.99	72.74	73.71	74.49	73.99	74.66	74.25	74.21	75.06	74.47
20	74.57	73.41	72.62	72.83	73.70	74.34	73.92	74.90	74.27	74.20	75.23	74.59
21	74.60	73.42	72.76	72.87	73.61	74.40	74.04	75.06	74.26	74.16	75.30	74.68
22	74.54	73.44	72.87	72.83	73.79	74.53	74.25	75.18	74.28	74.13	75.28	74.62
23	74.46	73.46	72.95	73.09	73.95	74.64	74.21	75.28	74.22	74.17	75.29	74.66
24	74.47	73.58	73.02	73.01	74.17	74.61	74.11	75.32	74.09	74.27	75.16	74.75
25	74.46	73.35	72.94	72.92	74.06	74.31	74.11	75.36	74.35	74.20	75.17	74.80
26	74.40	73.34	72.66	73.13	73.97	74.17	74.07	75.36	74.48	74.13	75.20	74.85
27	74.41	73.34	72.58	73.21	73.99	74.22	74.22	75.24	74.80	74.16	75.24	74.87
28	74.43	73.41	72.36	73.22	73.64	74.04	74.32	75.03	75.01	74.24	75.17	74.85
29	74.43	73.47	72.54	73.31	73.45	74.10	74.26	74.90	75.04	74.30	75.17	74.88
30	74.38	73.49	72.53	73.33	---	74.30	74.41	74.90	75.09	74.37	75.11	74.94
31	74.39	---	72.68	73.33	---	74.28	---	74.71	---	74.52	75.10	---
MAX	75.27	74.43	73.57	73.33	74.17	74.64	74.54	75.36	75.22	75.35	75.37	75.22
MIN	74.36	72.91	72.36	71.55	72.79	73.28	73.92	74.66	74.09	73.86	74.53	74.44
[+]	26.73	24.60	22.69	24.22	24.51	26.47	26.78	27.49	28.38	27.04	28.40	28.03
[*]	-590	-822	-713	571	116	732	120	265	343	-500	508	-143

CAL YR 1991 * -33 MAX 75.67 MIN 70.39
WTR YR 1992 * -8.85 MAX 75.37 MIN 71.55

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwest of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year. Data prior to October 1988 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 5.00 ft below National Geodetic Vertical Datum of 1929. 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, 2.37 ft, Dec. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.10 ft, Nov. 2; minimum gage height, 2.37 ft, Dec. 19.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.41	5.04	7.55	10.11	6.63	8.28	8.97	4.30	6.51	9.73	5.56	7.32
2	10.34	5.87	7.91	13.10	7.08	9.53	11.58	4.10	8.30	9.01	5.28	7.19
3	10.82	5.48	7.85	11.03	6.63	8.28	10.54	4.42	7.43	10.23	5.51	8.44
4	11.42	6.14	9.47	11.90	6.10	8.83	9.98	3.52	6.83	8.63	5.54	7.19
5	10.66	6.08	8.17	11.73	5.90	8.69	9.38	3.20	6.20	8.27	4.84	6.83
6	8.61	5.95	7.39	11.88	6.57	9.04	8.27	3.83	6.40	11.60	6.71	8.92
7	10.30	5.08	8.13	9.94	6.70	8.16	9.74	3.61	6.74	11.45	6.81	8.60
8	9.35	6.75	8.07	10.41	5.71	7.86	9.90	4.62	6.55	11.32	5.79	8.20
9	9.38	6.55	8.12	11.60	5.99	8.86	10.23	4.09	6.95	7.95	4.89	6.55
10	9.89	6.61	8.36	9.20	6.08	7.80	11.02	4.32	7.42	10.94	4.30	7.00
11	9.74	6.27	7.74	8.13	5.35	6.80	11.31	5.72	8.20	10.95	5.95	8.20
12	8.98	5.50	7.46	10.30	5.70	7.32	7.83	4.70	6.33	8.30	5.13	6.96
13	8.66	5.65	7.40	8.63	5.42	7.13	7.64	4.43	6.36	7.78	4.69	6.42
14	9.74	6.47	8.37	10.38	5.35	7.56	7.02	3.09	5.55	10.81	4.80	7.55
15	9.96	5.63	7.62	11.87	5.35	8.40	9.80	3.45	6.48	11.33	4.74	6.84
16	9.51	5.47	7.55	8.76	4.22	6.35	11.28	4.30	6.74	10.32	3.05	5.95
17	10.12	5.36	7.05	9.90	4.29	6.63	10.32	3.96	6.21	11.09	3.15	7.46
18	9.68	5.25	7.09	11.60	5.23	7.93	7.98	2.67	5.56	7.52	3.61	5.89
19	8.97	5.20	6.92	9.74	4.87	7.06	10.99	2.37	7.02	9.87	3.14	6.44
20	8.05	5.03	6.65	8.67	4.44	6.57	11.93	4.07	8.02	10.73	4.15	7.11
21	9.58	5.35	7.73	8.94	3.90	6.85	9.24	4.82	6.84	9.53	4.74	7.08
22	10.43	7.19	8.51	9.61	3.99	7.38	8.01	3.22	6.09	9.46	4.64	7.10
23	11.72	5.67	8.72	8.48	4.07	6.86	8.46	4.17	7.07	11.05	6.14	8.23
24	9.01	5.63	7.48	10.52	4.04	7.29	8.74	4.32	6.79	11.13	5.91	8.83
25	10.83	5.71	8.13	10.05	4.66	7.59	9.21	5.13	7.35	10.45	3.87	6.91
26	10.92	5.49	8.59	8.96	5.47	7.09	10.12	6.21	8.35	8.16	3.59	6.03
27	10.55	5.67	8.27	9.13	5.15	7.27	11.83	6.34	8.62	9.15	4.13	7.05
28	10.53	6.43	8.53	9.20	4.68	6.97	11.35	5.41	8.00	9.84	4.20	6.44
29	10.69	6.36	8.43	11.09	4.68	7.52	8.40	4.10	6.79	8.52	4.02	6.78
30	10.33	6.52	8.52	9.13	5.15	6.98	9.40	3.53	6.56	10.14	4.85	7.47
31	9.99	6.19	7.99	---	---	---	11.11	4.54	7.61	10.28	5.23	7.69
MONTH	11.72	5.03	7.93	13.10	3.90	7.63	11.93	2.37	6.96	11.60	3.05	7.25

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

GAGE HEIGHT. (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.50	4.42	6.58	8.96	3.57	6.25	8.93	4.74	6.93	11.22	5.52	8.58
2	11.49	4.44	7.44	9.19	3.84	6.26	9.99	4.56	7.40	11.35	5.48	7.91
3	10.36	4.77	7.28	9.06	3.72	6.24	11.25	5.07	7.94	11.64	4.99	8.52
4	10.85	4.99	7.37	8.56	4.02	6.89	8.68	4.97	7.01	11.15	4.99	7.55
5	11.20	5.40	8.16	9.94	5.53	7.70	7.97	4.28	6.50	8.41	4.26	6.48
6	10.94	6.71	8.63	10.13	5.58	8.28	10.89	4.20	6.98	8.17	5.44	7.02
7	9.75	5.93	7.91	8.50	5.00	7.00	8.47	4.90	6.88	10.62	5.53	7.89
8	8.87	5.83	7.41	8.07	4.44	6.64	9.91	5.55	7.93	11.50	5.26	7.64
9	8.00	5.32	6.87	8.59	4.59	6.91	10.86	5.35	8.04	8.16	5.02	6.93
10	9.37	5.55	7.30	8.73	5.30	7.08	10.37	5.27	7.64	8.05	5.02	6.95
11	10.18	4.98	7.30	9.58	4.85	7.16	8.40	4.54	6.91	11.33	4.79	7.88
12	10.22	4.89	6.93	10.83	4.50	6.96	---	---	---	10.61	5.35	7.81
13	11.85	4.88	8.60	10.86	4.50	7.31	---	---	---	10.12	5.95	7.71
14	10.66	5.40	8.32	11.01	4.54	6.82	---	---	---	10.62	5.99	8.01
15	8.89	4.96	6.87	8.69	4.15	6.57	---	---	---	9.32	5.82	7.89
16	7.84	3.96	6.06	10.89	3.71	7.32	11.17	5.52	8.30	11.49	5.44	8.45
17	11.49	3.04	7.96	9.95	4.86	6.97	11.11	5.29	8.00	8.78	5.28	7.18
18	9.31	5.43	7.47	7.96	3.89	6.32	9.13	5.02	7.29	11.70	5.41	7.99
19	10.90	5.01	7.23	8.94	4.44	7.03	8.34	5.01	6.82	11.69	5.74	7.82
20	10.53	5.65	7.94	11.34	4.49	8.26	10.81	5.13	7.67	8.36	5.45	7.14
21	10.11	5.18	7.66	8.36	5.08	6.90	10.01	5.46	7.67	9.26	5.84	7.45
22	7.93	5.42	6.66	8.12	4.29	6.30	10.32	4.98	7.16	10.22	5.89	7.89
23	8.24	4.55	6.69	7.97	4.87	6.58	10.98	4.64	7.41	9.49	5.61	7.28
24	7.72	4.35	6.12	10.84	5.59	7.86	11.25	5.28	7.18	8.61	4.92	6.94
25	11.69	5.50	8.32	11.12	6.15	8.43	8.32	4.78	6.90	8.33	5.01	6.91
26	10.92	5.10	7.58	10.79	5.27	7.49	7.99	4.60	6.45	9.17	5.90	7.41
27	9.82	4.15	6.80	9.29	4.88	6.91	10.03	5.34	6.82	11.89	5.56	7.86
28	9.66	4.98	7.12	11.03	4.08	6.49	9.20	5.29	6.77	10.73	6.41	8.37
29	8.55	3.90	5.81	9.40	4.09	6.30	10.44	5.49	7.74	10.44	6.69	8.58
30	---	---	---	7.79	4.34	6.25	9.17	5.91	7.69	10.53	6.58	8.73
31	---	---	---	8.09	4.51	6.41	---	---	---	11.79	5.83	8.88
MONTH	11.85	3.04	7.32	11.34	3.57	6.96	11.25	4.20	7.31	11.89	4.26	7.73
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	9.40	5.82	7.90	9.22	6.09	7.78	8.57	5.21	7.14	11.48	4.14	7.72
2	9.99	5.00	7.31	10.51	5.55	7.91	8.68	5.40	7.13	11.25	4.10	7.58
3	9.75	5.29	7.42	11.78	6.25	8.69	8.57	5.11	7.09	9.83	4.40	7.14
4	9.82	6.03	8.15	12.43	5.83	8.70	10.77	4.21	7.26	9.67	4.10	6.90
5	8.92	5.30	7.20	10.23	5.38	8.07	9.33	3.96	7.02	8.84	3.86	6.52
6	11.99	6.78	8.62	11.75	4.96	8.14	8.98	4.84	6.86	8.23	4.93	6.77
7	10.90	6.02	8.10	8.97	5.06	7.03	11.64	5.35	8.71	10.07	5.08	7.51
8	10.02	5.83	7.68	8.06	4.30	6.48	10.63	5.88	7.93	10.94	5.65	8.08
9	9.15	5.03	7.20	8.89	5.14	7.49	11.43	5.84	7.98	10.75	5.61	7.74
10	10.43	5.71	7.85	10.15	5.43	7.28	10.98	5.38	7.98	9.15	5.48	7.39
11	8.89	5.62	7.28	11.22	5.28	8.30	10.12	4.80	7.08	11.55	5.48	7.86
12	12.22	6.33	9.20	11.28	5.50	7.90	10.48	4.80	6.71	10.93	5.23	7.91
13	10.57	7.33	8.91	11.23	5.47	8.32	7.80	4.53	6.24	8.85	5.87	7.60
14	10.79	7.08	8.97	8.32	4.81	6.67	9.20	5.10	7.63	11.53	5.72	8.76
15	12.13	6.57	9.15	8.32	5.12	6.72	8.18	5.16	6.92	10.34	6.37	8.44
16	9.13	6.30	7.84	8.06	4.96	6.50	8.36	5.14	7.11	12.02	5.83	8.63
17	8.85	5.68	7.21	7.99	4.97	6.91	9.15	6.90	8.03	8.35	5.46	6.95
18	9.19	5.84	7.42	9.47	5.17	7.18	12.14	6.84	8.97	10.10	4.61	7.37
19	11.16	6.78	8.53	9.13	5.26	7.11	11.50	6.12	8.88	10.38	4.31	7.17
20	11.69	5.70	7.97	9.23	5.07	7.01	9.49	5.81	7.52	9.31	4.80	7.08
21	11.45	5.46	7.63	11.61	4.51	7.90	11.55	5.36	8.11	11.94	5.28	7.59
22	10.73	5.32	7.40	10.31	5.40	7.74	9.85	5.54	7.59	11.93	6.09	8.83
23	11.88	5.65	8.33	9.93	4.58	7.42	9.62	5.68	7.60	9.04	6.48	7.98
24	12.24	6.47	8.94	8.04	4.38	6.46	10.91	5.99	8.52	9.51	6.19	8.15
25	8.75	5.71	7.13	11.43	5.13	8.53	9.07	5.87	7.79	10.71	6.55	8.95
26	9.78	5.38	7.25	12.22	5.70	8.80	10.45	5.51	7.56	10.66	6.48	8.34
27	8.88	5.19	6.85	9.71	5.68	7.51	8.63	5.31	7.36	12.44	6.28	9.13
28	8.76	5.49	7.24	8.94	4.93	6.72	9.16	5.31	7.57	11.26	6.20	8.45
29	11.23	5.84	8.39	9.44	4.88	7.14	9.35	4.58	6.98	9.79	5.78	8.02
30	11.76	6.28	8.62	9.44	5.28	7.40	10.28	4.66	7.61	10.15	5.92	8.07
31	---	---	---	8.57	4.43	6.66	9.96	4.82	7.25	---	---	---
MONTH	12.24	5.00	7.92	12.43	4.30	7.50	12.14	3.96	7.55	12.44	3.86	7.82
YEAR	13.10	2.37	7.49									

COOPER RIVER BASIN

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02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC

LOCATION.--Lat 33°12'54'', long 79°58'29'', Berkeley County, Hydrologic Unit 03050201, on upstream side of left fender pier, under U.S. Highway 52 bridge, 2.2 mi below Lake Moultrie Pinopolis Dam, and at mile 45.8

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Data collection platform. Datum of gage is 0.82 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records poor. Discharge records computed by utilization of One-Dimensional unsteady flow simulation model. Two auxiliary water-stage recorders (sta 021720011 and 02172003) are used in conjunction with this station for computation of discharge. Flow affected by tide and regulation from Lake Moultrie (see sta 02172000). During periods of incomplete gage-height record, daily values are estimated using data obtained from the South Carolina Public Service Authority for discharges from the Jefferies Hydro-electric Plant.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5270	4670	3030	3320	4390	3820	5100	11300	4840	2740	5360	7210
2	4910	9110	10600	3220	7420	4510	8090	7820	2690	4290	3990	6340
3	5050	4410	7120	9690	6340	3950	8890	11500	3250	6870	2500	4760
4	12800	8730	6220	3230	5440	6200	2740	6260	4810	6880	4890	5010
5	6470	7900	2350	2760	9790	8690	2460	790	125	5220	3890	2740
6	3090	8400	2990	11500	7440	10900	4690	3000	9710	6020	2380	3330
7	7220	3550	5490	8650	4010	5070	4310	5410	5250	1250	11100	6420
8	4610	3720	4360	6900	4160	4890	8960	4520	3270	-1040	6300	6920
9	5500	8390	6700	1720	2990	4930	8970	3120	3050	5690	5950	4600
10	7580	2970	8510	5600	4310	4570	7050	3150	5010	6400	6960	3900
11	4610	1080	8640	10100	4150	6210	3380	7610	-798	8270	3940	6370
12	5830	3810	954	3360	4010	5560	3660	6820	7880	7090	2500	5770
13	4860	3500	3650	1720	10800	8230	2550	4830	5500	10200	59.0	2580
14	9850	6000	560	7530	10700	4080	5340	5700	5260	3760	7970	8130
15	5860	10900	5100	4230	3810	3240	7070	6900	7710	4230	2670	5210
16	4650	2940	5360	2890	1480	7290	8900	10200	2900	3850	2490	8140
17	3690	4570	3340	9230	10300	4100	7420	3510	-697	5450	3810	293
18	4410	7550	2800	1260	4150	3620	4580	7010	2730	5990	8320	5130
19	3740	4920	8540	3230	4510	6260	3600	6100	9090	4850	8670	4300
20	2490	3300	10800	4250	8330	11300	6670	2340	4320	4440	2400	2910
21	6700	4800	3150	4430	7370	3440	6420	3180	3680	7360	6590	3470
22	8690	7190	1550	4150	3700	1670	5120	6030	1810	6160	2600	9390
23	9920	3660	5250	9840	3540	4250	7190	3020	5770	5290	4050	3650
24	4130	6370	4280	12100	1770	8220	6460	3250	9280	-942	8480	4150
25	7770	7100	6590	5420	11300	10100	5800	2690	2070	11200	4430	7790
26	9880	3970	9400	3680	7340	6560	2600	3450	3460	11400	5060	3550
27	7420	4980	11100	6130	6280	6500	3230	7520	2020	3010	4020	7570
28	8150	3040	5160	3900	6860	4590	3370	7980	2140	2500	5540	4390
29	4890	6580	3320	5530	3390	3940	5490	8130	5690	3550	2870	3860
30	6080	2860	5460	7760	---	3210	5490	8390	5010	3720	5360	3280
31	4340	---	8160	8630	---	3360	---	11000	---	99.0	3360	---
TOTAL	190460	160970	170534	175960	170080	173260	165600	182530	126830	155797.0	148509.0	151163
MEAN	6144	5366	5501	5676	5865	5589	5520	5888	4228	5026	4791	5039
MAX	12800	10900	11100	12100	11300	11300	8970	11500	9710	11400	11100	9390
MIN	2490	1080	560	1260	1480	1670	2460	790	-798	-1040	59	293

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1992, BY WATER YEAR (WY)

	MEAN	7083	7199	10800	12000	12650	12560	11590	10170	9232	8526	7832	6174
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	3828	4059	3490	3958	4582	4139	3148	3089	3074	2658	3227	
(WY)	1986	1986	1988	1988	1988	1988	1981	1986	1988	1986	1988	1985	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1979 - 1992

ANNUAL TOTAL	2640036	1971693.0	10000	
ANNUAL MEAN	7233	5387	18220	
HIGHEST ANNUAL MEAN			3804	1980
LOWEST ANNUAL MEAN			33700	1988
HIGHEST DAILY MEAN	26800	Jun 28	-1040	Nov 25 1979
LOWEST DAILY MEAN	560	Dec 14	3100	Jul 8 1992
ANNUAL SEVEN-DAY MINIMUM	3110	Dec 12	1790	Mar 19 1985
10 PERCENT EXCEEDS	11700		22100	
50 PERCENT EXCEEDS	6250		6520	
90 PERCENT EXCEEDS	3220		2540	

COOPER RIVER BASIN

02172003 WEST BRANCH COOPER RIVER AT MONCK'S CORNER, SC

LOCATION.--Lat 33°11'34'', long 79°58'10'', Berkeley County, Hydrologic Unit 03050201, on right bank, 3.8 miles below Lake Moultrie Pinopolis Dam, and at mi 44.3.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1990 to current year. Records prior to October 1990 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 21.99 ft below National Geodetic Vertical Datum of 1929.

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, 19.50 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.69 ft, Nov. 2; minimum gage height, 19.65 ft, Dec. 19. Water Year 1991: Maximum gage height, 28.47 ft, June 26; minimum gage height, 19.50 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	26.02	22.17	24.27	25.89	21.61	23.87	26.49	20.54	23.85
2	26.12	22.76	24.33	27.10	22.27	25.45	25.33	21.19	23.73	26.38	22.07	24.76
3	25.57	22.40	24.35	27.12	22.83	25.21	26.52	21.63	24.60	25.44	22.00	24.21
4	25.38	22.20	23.93	25.85	22.34	24.49	26.11	22.39	24.33	26.88	23.03	24.94
5	26.08	21.25	24.25	26.81	22.14	24.78	25.62	21.99	24.39	25.53	22.65	24.40
6	26.31	22.14	24.74	25.78	22.26	24.54	25.73	22.82	24.48	25.13	22.59	24.05
7	26.72	22.31	24.57	25.70	23.12	24.80	25.11	21.88	23.71	26.47	22.84	24.85
8	26.86	21.84	24.70	26.42	23.04	24.80	25.16	22.15	24.02	26.60	22.49	24.99
9	26.62	21.94	24.27	26.73	23.47	25.15	25.40	22.20	24.05	25.14	22.37	23.79
10	27.26	22.68	25.01	25.91	23.76	25.12	25.54	22.27	24.06	24.94	22.04	23.57
11	27.35	23.22	25.33	25.60	22.85	24.21	25.78	22.23	24.03	26.18	22.36	24.51
12	28.18	23.94	25.84	25.78	22.29	24.07	26.68	22.62	24.73	25.57	22.91	24.09
13	26.59	24.43	25.35	25.99	22.61	24.31	26.38	22.22	24.05	25.65	21.16	23.46
14	26.38	23.65	25.24	26.49	22.66	24.54	25.73	20.79	23.44	26.28	21.95	24.00
15	26.02	23.32	25.16	26.24	22.63	24.36	25.19	21.97	23.73	25.95	21.92	23.89
16	25.77	22.84	24.58	25.92	22.24	24.48	25.52	21.43	23.54	25.92	22.29	24.35
17	26.69	22.75	24.89	25.90	22.32	24.05	25.83	21.08	23.65	25.92	21.41	24.10
18	25.98	22.96	24.58	26.24	22.12	24.29	25.61	21.85	24.18	25.91	22.09	24.19
19	25.57	21.90	24.08	25.75	22.87	24.63	25.12	21.69	23.79	26.23	21.46	24.50
20	25.57	22.29	24.10	25.25	22.23	24.19	25.75	21.59	23.90	25.74	22.53	24.30
21	25.98	22.32	24.26	25.99	22.43	24.17	25.80	21.82	24.17	24.87	22.40	23.73
22	26.50	22.07	24.43	25.19	22.33	24.03	25.02	21.47	23.51	25.51	21.87	23.92
23	24.94	22.31	23.81	26.38	22.65	24.49	25.16	21.56	23.47	25.21	22.47	24.30
24	25.92	21.91	24.26	24.94	21.32	23.44	24.45	20.87	22.96	25.38	22.50	24.03
25	25.88	22.58	24.39	24.55	21.38	23.36	24.87	21.57	23.41	26.90	22.51	25.10
26	26.34	22.13	24.08	26.02	21.54	24.01	25.33	21.59	23.92	26.21	22.99	24.58
27	26.04	23.20	24.59	26.22	22.36	24.48	26.59	22.04	24.94	26.70	22.63	24.39
28	26.21	23.31	24.58	25.81	21.67	23.67	26.27	22.83	24.54	25.45	21.94	24.20
29	26.26	22.69	24.47	25.94	21.31	23.56	25.24	21.53	23.62	25.46	21.71	23.98
30	26.43	23.00	24.70	26.61	20.69	24.05	25.65	21.12	23.61	26.69	22.38	25.11
31	26.49	22.62	24.43	---	---	---	25.10	21.24	23.27	26.68	22.82	25.31
MONTH	28.18	21.25	24.58	27.12	20.69	24.37	26.68	20.79	23.93	26.90	20.54	24.31

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	25.87	23.60	24.86	25.73	21.77	24.05	25.51	23.23	24.60	25.45	22.62	23.91
2	25.63	22.79	24.45	25.86	22.65	24.30	25.33	23.29	24.46	25.13	22.00	23.96
3	25.15	21.84	23.57	27.06	22.42	24.92	25.29	23.31	24.37	25.43	22.37	24.26
4	25.13	21.88	23.98	25.73	22.60	24.49	25.29	22.80	24.33	25.12	22.24	23.78
5	24.94	21.20	23.34	24.62	22.13	23.68	25.42	22.83	24.20	25.33	22.19	23.89
6	24.16	21.82	23.27	25.68	22.00	24.34	24.49	22.18	23.62	24.60	21.56	23.46
7	24.73	21.83	23.58	24.65	22.46	23.97	25.80	22.25	24.36	25.70	21.14	23.52
8	25.83	21.99	24.47	25.42	22.43	24.03	25.20	21.74	23.92	25.18	22.34	23.64
9	26.52	22.54	24.32	25.75	22.45	24.37	25.26	21.45	23.78	26.65	22.43	24.28
10	26.04	22.32	24.18	26.01	22.59	24.24	24.80	21.19	23.14	26.26	22.96	24.94
11	25.84	22.26	24.09	26.54	22.35	24.51	24.75	20.67	22.85	25.78	22.57	24.60
12	25.29	22.03	23.73	26.62	22.48	24.68	26.58	21.87	23.95	26.29	22.78	24.67
13	25.31	21.84	23.76	26.73	22.92	25.09	26.46	22.72	24.63	25.75	22.80	24.54
14	25.98	21.20	23.52	26.93	22.47	24.39	25.66	22.32	24.63	26.72	22.74	25.29
15	25.49	20.58	23.83	26.38	22.65	24.90	25.81	23.29	24.79	26.38	22.08	24.18
16	24.51	19.50	22.35	27.02	22.93	25.01	26.30	23.46	24.77	25.60	22.47	24.02
17	24.60	20.71	22.94	26.51	22.82	24.91	26.01	23.25	24.74	25.75	22.68	24.26
18	24.70	20.36	22.78	26.08	23.44	25.05	26.55	23.62	25.43	25.70	22.16	24.18
19	24.95	21.97	23.32	25.91	23.67	25.03	25.68	22.96	24.68	25.28	22.31	23.90
20	24.59	22.03	23.32	25.85	23.43	24.99	25.57	22.90	24.59	26.08	22.90	24.67
21	24.92	22.24	23.67	25.55	22.81	24.12	25.68	22.59	24.69	27.03	23.49	25.19
22	24.73	21.54	23.70	25.18	22.60	24.14	26.45	22.58	24.63	26.35	23.97	25.03
23	26.67	21.45	24.54	24.97	21.66	23.97	26.09	22.25	24.42	26.17	23.30	24.83
24	26.22	22.49	24.23	24.80	21.33	23.47	26.36	22.70	25.14	27.30	23.16	24.95
25	25.33	21.22	23.61	26.05	20.78	23.63	26.14	22.29	24.92	26.04	23.18	24.88
26	25.99	21.77	23.85	25.93	22.18	24.02	26.63	22.93	25.14	25.64	22.83	24.35
27	25.66	21.80	23.89	26.35	22.09	24.12	25.97	22.75	24.76	26.29	22.59	24.88
28	25.51	22.21	24.08	25.48	22.13	23.83	26.28	22.62	25.08	25.55	22.43	23.98
29	---	---	---	25.99	21.60	24.04	26.59	23.03	24.90	25.41	21.80	23.94
30	---	---	---	25.91	21.68	24.06	26.78	23.01	24.74	26.06	22.67	24.64
31	---	---	---	25.70	22.16	24.11	---	---	---			

COOPER RIVER BASIN

02172003 WEST BRANCH COOPER RIVER AT MONCK'S CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.19	22.10	24.29	26.71	23.63	25.17	25.15	21.39	23.42	25.84	22.63	24.17
2	26.52	22.85	24.71	27.69	24.07	26.04	26.34	21.18	24.54	25.77	22.34	24.15
3	26.44	22.45	24.56	26.71	23.65	25.12	25.95	21.49	23.96	26.45	22.59	24.97
4	26.71	23.09	25.58	26.87	23.09	25.14	25.26	20.60	23.35	25.58	22.60	24.17
5	26.49	23.04	24.87	26.91	22.91	25.07	24.91	20.30	23.10	25.21	21.92	23.81
6	25.48	22.92	24.30	26.95	23.45	25.40	24.93	20.94	23.30	26.39	23.61	25.21
7	26.26	22.06	24.68	26.07	23.58	24.91	24.81	20.67	23.35	26.07	23.61	24.95
8	25.99	23.52	24.82	25.79	22.64	24.62	24.85	21.24	23.25	26.43	22.86	24.75
9	26.09	23.36	24.81	26.85	23.02	25.33	24.92	20.80	23.50	24.96	21.98	23.58
10	26.36	23.40	24.99	26.14	23.08	24.75	25.36	21.13	23.78	25.29	21.36	23.59
11	26.21	23.12	24.57	25.15	22.39	23.83	25.78	22.86	24.46	25.23	23.02	24.35
12	25.75	22.28	24.21	25.46	22.93	24.11	25.15	21.78	23.38	24.89	22.21	23.81
13	25.40	22.42	24.11	24.99	22.43	23.99	24.32	21.49	23.24	24.79	21.76	23.45
14	25.96	23.47	24.83	25.34	22.40	24.21	24.04	20.18	22.59	25.33	21.95	24.02
15	25.70	22.58	24.32	26.67	22.38	24.54	24.48	20.61	23.05	25.97	21.72	23.57
16	25.27	22.41	24.28	24.88	21.39	23.31	25.54	21.40	23.35	25.25	20.17	22.74
17	25.75	22.33	23.90	25.63	21.44	23.52	25.62	21.08	23.09	26.18	20.29	23.75
18	25.53	22.25	23.92	26.72	22.40	24.56	24.46	19.84	22.47	24.54	20.74	22.92
19	25.26	22.26	23.81	25.67	22.03	23.89	26.05	19.65	23.42	25.76	20.28	23.34
20	25.05	22.04	23.63	25.22	21.57	23.54	26.73	21.16	24.29	26.50	21.25	23.89
21	26.00	22.35	24.52	25.51	21.05	23.73	25.69	21.81	23.76	25.40	21.66	23.77
22	26.60	23.77	25.11	25.62	21.13	24.01	25.02	20.34	23.12	25.33	21.75	23.82
23	26.98	22.67	25.14	25.45	21.23	23.75	25.41	21.27	23.91	26.04	22.78	24.68
24	25.90	22.61	24.40	25.52	21.19	23.81	25.46	21.43	23.71	25.43	22.89	24.66
25	26.77	22.54	24.82	25.21	21.46	23.98	25.32	21.82	23.97	24.91	20.98	23.53
26	26.86	22.49	25.16	25.17	22.59	23.90	25.83	23.31	24.83	24.11	20.85	22.86
27	26.68	22.75	25.06	25.09	22.33	24.05	26.68	23.22	24.85	24.98	21.36	23.74
28	26.80	23.35	25.24	25.06	21.79	23.84	25.85	22.45	24.61	25.43	21.32	23.30
29	26.70	23.40	25.26	26.19	21.81	24.14	24.99	21.08	23.67	25.22	21.10	23.60
30	26.60	23.53	25.26	25.02	22.22	23.94	25.19	20.62	23.29	25.85	21.92	24.05
31	26.30	23.24	24.90	---	---	---	26.14	21.66	24.08	25.82	22.29	24.23
MONTH	26.98	22.04	24.65	27.69	21.05	24.34	26.73	19.65	23.64	26.50	20.17	23.92
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	25.24	21.51	23.41	25.10	20.65	23.15	25.31	21.81	23.80	26.53	22.56	24.82
2	26.51	21.53	24.00	24.73	20.89	23.09	25.73	21.63	23.93	26.50	22.49	24.46
3	25.71	21.71	23.89	24.67	20.83	23.13	26.39	22.03	24.38	26.16	22.04	24.71
4	25.81	21.90	24.02	25.14	21.12	23.64	26.22	22.01	23.94	26.18	22.06	24.16
5	26.17	22.23	24.45	25.66	22.30	24.21	24.93	21.31	23.38	25.43	21.34	23.52
6	25.82	23.64	25.18	25.98	22.49	24.55	25.07	21.34	23.68	25.16	22.47	23.91
7	25.83	23.08	24.73	25.32	22.13	23.80	24.96	21.79	23.68	25.73	22.62	24.62
8	25.84	22.69	24.25	24.85	21.53	23.40	25.57	22.70	24.36	26.29	22.31	24.41
9	25.01	22.66	23.80	24.80	21.67	23.67	25.47	22.49	24.49	25.08	22.09	23.88
10	25.37	22.62	24.14	25.14	22.33	23.89	25.70	22.30	24.30	25.05	22.10	23.84
11	25.45	22.24	24.15	24.92	21.93	23.64	24.96	22.27	23.82	25.92	21.85	24.36
12	25.82	21.93	23.80	25.53	21.59	23.61	25.18	21.88	23.69	26.30	22.41	24.37
13	26.65	21.93	24.97	25.69	21.59	23.69	26.01	21.84	23.90	26.29	23.03	24.60
14	26.13	22.47	24.67	25.90	21.62	23.64	26.53	23.02	24.76	26.39	23.05	24.79
15	25.54	22.04	23.80	25.26	21.25	23.48	26.43	22.75	24.77	25.79	22.89	24.64
16	24.86	21.06	23.09	26.14	20.82	23.79	25.82	22.60	24.80	25.90	22.49	24.82
17	26.67	20.21	24.23	25.68	21.89	23.82	25.76	22.35	24.53	25.80	22.39	24.08
18	25.94	22.49	24.31	24.91	21.02	23.27	25.51	22.10	24.01	26.49	22.35	24.55
19	25.66	22.03	23.95	25.22	21.49	23.73	25.35	22.10	23.75	26.49	22.82	24.47
20	25.43	22.49	24.24	26.42	21.26	24.44	25.26	22.17	24.27	25.39	22.70	24.08
21	25.40	22.56	24.16	25.37	22.49	23.78	25.44	22.50	24.34	25.73	23.05	24.39
22	24.94	22.34	23.53	25.13	21.36	23.32	25.29	22.05	23.88	26.06	22.96	24.64
23	24.83	21.61	23.53	24.84	21.97	23.42	25.75	21.70	23.89	25.63	22.71	24.21
24	24.73	21.43	23.15	25.20	22.67	24.29	25.93	22.28	23.85	25.09	22.18	23.86
25	26.37	22.54	24.56	25.93	23.19	24.75	24.91	21.82	23.65	25.20	22.14	23.88
26	25.39	22.05	24.15	25.87	22.16	24.18	24.93	21.67	23.45	25.49	22.98	24.30
27	25.27	21.24	23.46	25.07	21.93	23.47	25.58	22.39	23.75	26.90	22.64	24.52
28	25.53	22.03	23.79	25.75	21.14	23.24	25.55	22.30	23.73	26.82	23.48	25.05
29	24.53	20.84	22.72	25.10	21.16	23.17	25.81	22.54	24.52	26.63	23.77	25.29
30	---	---	---	24.69	21.40	23.23	25.76	22.96	24.54	26.35	23.63	25.29
31	---	---	---	24.88	21.60	23.34	---	---	---	26.83	22.91	25.16
MONTH	26.67	20.21	24.00	26.42	20.65	23.67	26.53	21.31	24.06	26.90	21.34	24.44

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.91	22.86	24.70	26.25	23.17	24.65	25.33	22.34	23.96	26.57	21.24	24.26
2	25.91	22.06	24.20	25.88	22.63	24.51	25.54	22.33	24.07	26.78	21.19	24.16
3	25.79	22.25	24.24	26.76	23.16	25.13	25.50	22.23	24.05	26.04	21.47	23.92
4	25.95	23.09	24.91	27.25	22.91	25.24	26.35	21.35	23.99	25.79	20.94	23.57
5	25.95	22.37	24.24	26.35	22.47	24.79	25.66	21.05	23.84	25.38	20.94	23.40
6	27.01	23.49	25.04	26.87	22.07	24.68	25.62	21.71	23.74	25.08	21.94	23.58
7	26.56	23.08	24.83	25.45	21.98	23.96	26.99	22.43	24.91	25.98	22.14	24.07
8	25.59	22.88	24.50	25.09	21.41	23.53	26.51	22.81	24.49	26.02	22.71	24.52
9	25.87	22.09	24.14	25.32	22.18	24.10	25.69	22.90	24.50	25.72	22.69	24.43
10	25.76	22.79	24.46	25.54	22.41	23.97	25.56	22.44	24.44	25.52	22.54	24.23
11	25.92	22.69	24.32	25.59	22.62	24.58	25.35	21.90	23.84	26.52	22.54	24.56
12	26.93	23.42	25.67	25.98	22.49	24.41	25.38	21.88	23.57	25.91	22.29	24.59
13	26.84	24.39	25.70	25.92	22.46	24.60	24.85	21.65	23.28	25.64	22.94	24.52
14	26.58	24.16	25.66	25.31	21.73	23.59	25.25	22.02	24.22	26.58	22.96	25.27
15	27.15	23.64	25.61	25.29	22.02	23.64	25.22	22.22	23.83	26.23	23.49	25.16
16	26.16	23.36	24.72	25.05	21.96	23.43	25.34	22.23	24.07	26.81	22.90	25.16
17	25.88	22.72	24.26	24.97	21.96	23.72	26.04	23.79	24.98	25.37	22.53	24.00
18	25.60	22.91	24.25	25.18	22.15	23.93	27.23	23.71	25.53	25.96	21.68	24.13
19	26.18	23.41	24.93	25.03	22.24	23.94	27.27	23.11	25.40	26.16	21.39	23.98
20	26.79	22.78	24.68	25.08	22.11	23.84	25.95	22.83	24.50	25.88	21.83	24.02
21	26.67	22.53	24.35	26.24	21.60	24.35	26.61	22.44	24.75	26.79	22.36	24.42
22	26.25	22.40	24.29	25.57	22.29	24.31	25.85	22.60	24.54	27.38	23.16	25.20
23	27.05	22.71	24.86	25.89	21.60	24.14	26.14	22.60	24.45	26.01	23.55	24.84
24	27.37	23.53	25.19	24.97	21.50	23.51	26.72	23.06	24.87	26.48	23.27	25.05
25	25.49	22.56	24.09	26.74	22.19	24.60	25.68	22.96	24.49	26.85	23.63	25.64
26	25.36	22.44	23.95	27.29	22.76	24.92	26.10	22.59	24.33	26.75	23.57	25.24
27	25.68	22.06	23.79	25.40	23.06	24.29	25.66	22.38	24.20	27.42	23.34	25.71
28	25.79	22.57	24.13	25.28	22.01	23.59	25.77	22.37	24.38	26.56	23.27	25.23
29	26.26	22.91	24.99	25.61	21.95	24.01	25.74	21.68	23.92	26.02	22.86	24.86
30	26.46	23.36	25.23	25.79	22.36	24.28	26.18	21.73	24.36	26.16	23.03	24.94
31	---	---	---	25.60	21.56	23.70	25.80	21.90	24.12	---	---	---
MONTH YEAR	27.37 27.69	22.06 19.65	24.66 24.20	27.29	21.41	24.19	27.27	21.05	24.31	27.42	20.94	24.56

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC

LOCATION.--Lat 33°06'58'', long 79°57'22'', Berkeley County, Hydrologic Unit 03050201, on left bank of Cooper River, 1 mi downstream from Mepkin Creek, and at mile 36.7.

DRAINAGE AREA.--Undetermined.

GAGE HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 18.50 feet below National Geodetic Vertical Datum of 1929.

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, 15.47 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.44 ft, June 13; minimum, 16.45 ft, Dec. 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.10	19.00	20.75	23.12	20.47	21.76	21.31	18.28	19.97	21.83	19.47	20.72
2	22.70	19.72	21.22	23.23	20.92	22.29	21.70	18.09	20.53	22.25	19.27	20.79
3	22.34	19.32	21.02	22.86	20.47	21.65	21.74	18.41	20.24	22.67	19.41	21.27
4	22.84	19.95	21.59	22.94	19.92	21.47	21.25	17.55	19.66	22.02	19.41	20.74
5	22.32	19.88	21.27	23.00	19.78	21.47	21.43	17.25	19.68	21.67	18.80	20.41
6	21.98	19.58	20.88	23.32	20.06	21.77	21.56	17.96	19.88	22.68	19.73	21.35
7	22.35	18.98	21.05	22.63	20.18	21.42	21.34	17.58	19.75	22.33	19.88	21.20
8	22.59	19.76	21.31	22.38	19.48	21.13	21.41	17.82	19.73	22.34	19.73	21.12
9	22.75	19.88	21.32	23.29	19.87	21.66	21.11	17.58	19.81	21.59	18.90	20.29
10	22.69	19.68	21.40	22.65	19.93	21.32	21.51	17.58	19.99	20.96	18.27	19.92
11	22.60	19.79	21.13	21.73	19.22	20.49	21.57	19.31	20.56	21.50	19.63	20.37
12	22.18	18.88	20.70	21.84	19.64	20.59	21.30	18.66	20.05	21.51	19.08	20.36
13	21.94	18.88	20.63	21.54	19.47	20.49	20.74	18.44	19.73	21.42	18.60	20.12
14	22.32	20.16	21.07	21.43	19.23	20.51	20.58	17.07	19.24	21.78	19.06	20.23
15	21.71	19.37	20.75	21.92	19.13	20.54	20.43	17.65	19.33	21.14	18.15	20.00
16	21.52	19.18	20.70	20.89	18.26	19.80	20.47	18.35	19.63	20.69	17.26	19.28
17	21.79	19.18	20.47	21.53	18.35	20.00	21.27	17.60	19.58	21.94	17.25	19.96
18	21.70	19.11	20.49	22.20	19.26	20.87	20.83	16.82	19.05	21.11	17.85	19.58
19	21.69	19.08	20.39	22.06	18.93	20.39	21.67	16.45	19.74	22.17	17.27	19.97
20	21.61	18.94	20.31	21.53	18.45	20.10	22.20	18.18	20.52	22.63	18.21	20.44
21	22.41	19.23	21.02	21.46	18.00	20.17	22.16	18.67	20.34	22.01	17.93	20.26
22	22.57	20.12	21.46	21.85	18.20	20.32	21.50	17.32	19.78	21.86	18.58	20.29
23	22.60	19.56	21.35	21.96	18.29	20.28	21.94	18.21	20.38	22.38	19.01	20.83
24	22.30	19.50	20.98	21.56	18.20	20.09	21.86	18.33	20.22	21.65	19.22	20.31
25	22.91	19.20	21.24	21.82	17.74	20.19	21.91	18.34	20.39	21.00	17.83	19.83
26	23.00	19.34	21.44	21.74	18.97	20.34	22.38	19.80	21.10	20.65	17.79	19.31
27	22.97	19.60	21.49	21.68	19.43	20.41	22.03	19.35	20.90	21.05	18.22	20.05
28	23.06	19.99	21.61	21.63	18.68	20.32	21.88	19.21	20.95	21.04	18.12	19.80
29	23.00	20.28	21.73	21.72	18.83	20.42	21.52	17.62	20.17	21.55	18.02	20.07
30	22.81	20.21	21.67	21.60	18.64	20.43	21.01	17.62	19.70	21.72	18.81	20.44
31	22.76	20.10	21.43	---	---	---	21.76	18.60	20.37	21.87	19.12	20.55
MONTH	23.06	18.88	21.09	23.32	17.74	20.76	22.38	16.45	20.03	22.68	17.25	20.32

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	21.44	18.46	19.97	21.36	17.63	19.71	21.65	18.66	20.32	22.75	19.46	21.04
2	22.26	18.42	20.43	21.24	17.85	19.63	22.09	18.50	20.30	22.08	19.39	20.84
3	22.09	18.56	20.35	21.11	17.79	19.65	22.61	18.91	20.74	22.11	18.89	20.70
4	22.18	18.74	20.51	21.61	18.02	20.14	22.61	18.86	20.54	22.11	18.95	20.53
5	22.31	18.76	20.69	22.16	18.94	20.68	21.53	18.36	19.98	21.98	18.26	20.17
6	22.48	20.23	21.56	22.23	19.21	20.87	21.49	18.25	20.08	21.68	19.36	20.43
7	22.43	20.12	21.30	22.23	18.72	20.33	21.51	18.40	20.17	22.05	19.51	21.00
8	22.47	19.30	20.81	21.40	18.37	19.86	21.58	19.67	20.54	22.16	19.34	20.81
9	21.53	19.16	20.40	21.41	18.57	20.11	21.72	19.59	20.71	21.60	18.98	20.41
10	21.66	19.53	20.66	21.69	19.16	20.33	21.64	19.22	20.63	21.56	18.75	20.33
11	21.87	19.31	20.65	21.48	18.62	19.79	21.54	18.87	20.36	22.20	18.75	20.63
12	21.55	18.86	20.34	20.87	18.59	19.91	21.52	18.78	20.26	22.59	19.06	20.74
13	22.32	18.86	21.14	21.01	18.30	19.91	22.44	18.77	20.57	22.57	19.72	21.13
14	22.05	19.38	20.81	21.41	18.50	20.13	22.71	19.86	21.29	22.56	19.89	21.26
15	21.66	18.95	20.35	21.29	18.22	20.03	22.51	19.63	21.21	22.37	19.74	21.06
16	21.38	17.99	19.75	22.17	17.78	20.17	22.36	19.47	21.03	22.34	19.39	20.94
17	22.59	17.25	20.51	22.01	18.80	20.37	22.15	19.22	20.78	22.28	19.22	20.60
18	22.29	19.42	20.87	21.46	17.97	19.82	22.09	19.03	20.40	21.88	19.15	20.83
19	22.03	18.75	20.47	21.46	18.46	20.08	21.97	18.65	20.32	22.09	19.51	20.82
20	21.97	18.67	20.45	22.12	17.88	20.54	21.73	19.01	20.55	21.96	19.64	20.64
21	21.91	18.90	20.43	21.92	18.73	20.35	21.98	19.27	20.67	22.02	19.90	20.96
22	21.46	18.47	20.02	21.70	18.27	19.97	21.75	19.02	20.22	22.07	19.78	21.05
23	21.45	18.48	20.08	21.41	18.73	19.93	21.11	18.59	20.07	21.96	19.58	20.74
24	21.28	18.31	19.79	21.51	19.58	20.51	21.14	18.87	20.18	21.39	19.11	20.37
25	21.52	19.19	20.59	21.56	19.99	20.86	21.23	18.55	20.07	21.63	19.02	20.45
26	21.59	18.47	20.41	21.61	19.00	20.49	21.42	18.55	20.05	22.03	19.71	20.87
27	20.94	18.13	19.80	20.70	18.35	19.69	21.63	18.94	20.33	22.39	19.46	20.92
28	21.49	18.87	20.16	20.93	18.03	19.67	21.73	18.95	20.33	22.90	20.31	21.44
29	20.45	17.56	19.25	20.75	18.10	19.68	22.39	19.38	21.01	22.95	20.61	21.68
30	---	---	---	21.14	18.31	19.81	22.26	19.80	21.06	22.65	20.46	21.52
31	---	---	---	21.32	18.50	19.90	---	---	---	22.90	19.68	21.25
MONTH	22.59	17.25	20.43	22.23	17.63	20.09	22.71	18.25	20.49	22.95	18.26	20.84
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.49	19.66	21.06	22.83	19.91	21.11	21.74	18.77	20.36	22.16	18.21	20.55
2	22.49	18.91	20.75	22.45	19.51	20.81	22.00	18.82	20.55	22.41	18.11	20.55
3	22.39	19.07	20.78	22.85	19.78	21.40	21.98	19.06	20.56	22.03	18.38	20.42
4	22.53	19.97	21.28	22.59	19.74	21.49	21.97	18.26	20.34	21.80	17.84	20.05
5	22.48	19.21	20.86	22.35	19.41	21.14	21.77	17.99	20.26	21.68	17.95	19.96
6	22.44	19.61	21.20	22.39	18.97	20.94	22.04	18.22	20.30	21.58	18.33	20.12
7	22.63	19.62	21.24	22.03	18.54	20.53	22.60	19.30	20.93	22.29	18.99	20.44
8	22.09	19.49	20.94	21.63	18.35	20.18	22.44	19.12	20.81	22.33	19.52	20.74
9	22.24	19.00	20.70	21.83	19.04	20.42	22.05	19.70	20.73	21.93	19.51	20.76
10	22.34	19.24	20.82	21.89	18.99	20.28	22.05	19.32	20.60	21.99	19.37	20.71
11	22.46	19.56	20.98	22.02	19.25	20.57	21.98	18.75	20.25	22.02	19.38	20.92
12	23.35	20.24	21.86	21.90	19.18	20.55	21.36	18.72	20.04	22.23	19.16	20.94
13	23.44	21.15	22.10	21.92	19.12	20.54	21.42	18.51	19.92	22.23	19.78	21.07
14	23.01	20.97	21.95	21.73	18.47	20.08	21.75	18.75	20.47	22.48	19.81	21.54
15	22.84	20.39	21.75	21.73	18.67	20.10	21.75	19.10	20.36	22.58	20.37	21.56
16	22.73	20.11	21.19	21.57	18.49	19.93	21.76	19.12	20.62	22.45	19.76	21.41
17	22.48	19.56	20.88	21.41	18.65	20.11	22.52	20.23	21.43	22.01	19.38	20.66
18	22.18	19.36	20.75	21.57	18.87	20.29	22.47	20.05	21.60	22.01	18.62	20.56
19	21.97	19.72	21.07	21.55	18.91	20.34	22.75	19.74	21.54	22.05	18.38	20.46
20	22.12	19.62	21.07	21.57	18.77	20.29	22.19	19.61	21.05	22.20	18.84	20.60
21	22.09	19.38	20.79	21.68	18.48	20.53	22.44	19.24	21.07	22.45	19.23	20.99
22	21.81	19.23	20.79	21.92	18.78	20.61	22.31	19.45	21.08	23.23	20.03	21.45
23	22.69	19.52	21.22	21.92	18.55	20.50	22.46	19.21	20.99	22.64	20.09	21.36
24	22.85	19.95	21.35	21.39	18.42	20.12	22.67	19.89	21.07	23.20	20.15	21.64
25	21.95	19.15	20.67	22.49	19.04	20.55	22.30	19.74	20.88	23.33	20.57	22.03
26	21.98	18.96	20.38	22.89	19.59	20.91	22.61	19.47	20.76	23.04	20.46	21.80
27	22.29	18.68	20.37	21.89	19.46	20.67	22.20	19.34	20.68	23.24	20.22	22.01
28	22.36	19.32	20.66	21.78	18.54	20.02	22.04	19.29	20.78	22.83	20.17	21.67
29	22.86	19.78	21.26	22.13	18.84	20.47	21.93	18.60	20.45	22.47	19.77	21.34
30	22.83	20.23	21.50	22.13	19.19	20.71	22.20	18.69	20.74	22.61	19.99	21.48
31	---	---	---	22.11	18.54	20.31	22.05	18.89	20.62	---	---	---
MONTH	23.44	18.68	21.07	22.89	18.35	20.53	22.75	17.99	20.70	23.33	17.84	20.99
YEAR	23.44	16.45	20.61									

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEKIN ABBEY NEAR CORDESVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1982 to September 1985, 1989 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF RECORD.--Maximum, 369 microsiemens, June 19, 1983; minimum, 48 microsiemens, May 25, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum, 166 microseiemens, Sept. 20; minimum, 78 microsiemens, Aug. 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	100	85	88	90	87	89	99	95	97	107	103	105
2	101	85	90	92	87	88	101	95	97	108	105	107
3	108	85	90	90	87	88	98	96	97	110	106	107
4	108	84	90	89	86	88	98	95	96	111	106	107
5	108	85	87	111	86	91	100	95	96	110	106	108
6	100	86	89	108	86	94	98	96	97	111	107	109
7	107	85	89	111	86	97	99	96	98	110	107	108
8	100	84	89	95	86	89	98	97	97	113	107	108
9	101	86	87	88	86	87	99	96	97	110	107	109
10	98	84	87	87	85	86	98	96	97	115	110	111
11	98	85	87	87	85	86	97	96	97	113	107	109
12	89	86	87	90	87	88	99	96	97	110	107	108
13	88	85	87	90	89	89	101	98	99	111	108	110
14	88	84	86	90	87	88	104	99	102	116	109	112
15	100	85	88	93	87	89	104	99	102	112	108	110
16	88	84	86	93	91	92	102	98	99	116	110	112
17	91	85	86	95	93	94	102	98	99	117	108	113
18	90	87	88	95	91	93	102	99	101	115	109	112
19	91	87	88	93	91	93	105	99	102	121	111	114
20	108	87	94	119	93	95	101	99	100	127	114	117
21	156	91	105	122	94	106	102	99	101	127	113	116
22	96	86	91	104	93	96	119	100	105	121	113	115
23	98	86	90	97	93	95	145	105	115	125	114	117
24	95	88	91	100	94	96	120	102	106	116	111	113
25	94	88	92	95	93	93	122	103	108	114	111	112
26	93	87	89	111	93	96	104	102	103	116	112	114
27	93	87	90	96	94	94	104	101	102	115	112	114
28	88	86	87	96	94	95	108	102	103	116	113	114
29	88	86	87	99	94	96	108	103	104	116	114	115
30	88	86	87	96	94	95	108	105	107	116	113	114
31	89	86	87	---	---	---	108	104	106	115	113	114
MONTH	156	84	89	122	85	92	145	95	101	127	103	111

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	115	113	114	130	127	128	129	123	126	115	113	114
2	115	114	115	130	128	129	125	122	123	114	113	113
3	116	114	115	131	128	129	123	121	122	115	113	114
4	117	115	116	134	128	130	122	120	121	115	113	114
5	117	115	117	132	128	130	123	121	122	117	113	115
6	117	116	116	132	128	130	126	122	124	118	115	116
7	117	116	116	132	128	130	130	121	124	118	112	115
8	118	116	117	133	130	132	130	124	127	117	112	114
9	120	117	118	134	130	132	125	120	123	116	113	114
10	120	119	119	134	130	132	134	122	126	117	113	114
11	123	119	121	133	130	132	129	123	126	118	111	113
12	124	122	123	132	129	131	131	124	128	113	111	112
13	124	121	123	132	129	131	132	127	129	113	111	112
14	123	121	122	134	130	131	130	122	127	113	110	112
15	123	121	122	133	131	131	129	125	127	112	111	111
16	126	122	124	134	129	131	134	124	128	112	110	111
17	127	123	125	134	129	132	129	123	126	112	110	111
18	127	124	125	136	130	133	130	124	127	112	109	111
19	130	125	127	136	130	132	131	124	127	111	109	110
20	130	122	125	133	128	130	130	122	126	112	109	110
21	127	122	124	131	128	129	127	122	124	113	110	111
22	126	124	125	133	130	131	129	122	125	113	110	111
23	127	124	126	138	132	133	127	116	122	113	109	110
24	127	125	126	135	126	130	120	116	117	113	110	111
25	129	123	126	128	126	127	120	116	117	115	111	113
26	127	123	125	129	125	127	120	116	118	115	111	113
27	127	123	126	128	122	126	121	116	118	115	108	112
28	127	125	126	125	122	124	119	116	117	111	108	109
29	130	125	127	125	123	124	118	115	116	110	108	109
30	---	---	---	126	123	125	118	115	116	112	107	108
31	---	---	---	127	123	125	---	---	---	111	107	108
MONTH	130	113	122	138	122	130	134	115	123	118	107	112
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	118	107	110	117	102	106	150	112	123	124	104	110
2	122	107	109	117	102	106	135	111	120	117	104	107
3	109	106	107	108	103	105	132	107	114	120	104	110
4	108	105	107	118	103	107	127	106	113	107	105	106
5	109	106	107	132	104	108	122	108	112	121	104	108
6	111	104	108	122	105	107	122	109	111	121	101	108
7	109	105	106	123	105	107	121	106	110	115	99	104
8	109	103	106	109	106	108	122	106	108	117	94	104
9	108	102	105	112	108	110	119	106	109	115	96	103
10	109	102	106	109	107	108	120	107	109	122	98	104
11	121	100	106	122	107	110	121	107	110	117	97	104
12	107	102	104	133	107	113	121	108	110	124	99	103
13	104	91	100	128	107	111	123	108	111	126	100	106
14	101	91	97	125	106	112	119	107	110	127	99	106
15	102	91	100	111	109	110	131	106	112	117	101	104
16	102	92	99	111	109	110	133	107	116	121	101	106
17	100	91	96	136	110	112	128	92	104	119	101	106
18	101	95	98	112	109	110	125	78	93	122	103	107
19	104	95	101	131	110	120	120	89	101	137	104	107
20	105	100	103	130	109	118	108	83	96	166	104	134
21	105	102	103	113	108	110	112	86	95	152	105	124
22	105	103	104	130	108	121	117	94	104	148	101	117
23	106	103	105	157	109	122	117	94	103	155	101	111
24	106	103	105	133	109	122	125	100	108	146	103	112
25	109	103	105	127	107	113	120	100	107	146	103	110
26	115	106	110	124	107	114	119	101	106	132	101	108
27	122	108	112	126	107	116	117	101	104	155	101	117
28	123	107	111	125	109	111	105	103	104	146	101	117
29	125	106	113	128	112	123	107	104	105	148	103	114
30	119	105	108	135	111	119	108	104	106	130	103	114
31	---	---	---	137	112	123	123	105	113	---	---	---
MONTH	125	91	105	157	102	113	150	78	108	166	94	110
YEAR	166	78	110									

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC

LOCATION.--Lat 33°05'36'', long 79°56'57'', Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Datum of gage is 10.14 feet below National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark). Prior to April 27, 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, 6.85 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.98 ft, June 13; minimum, 8.04 ft, Dec. 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.56	10.54	12.24	14.61	12.02	13.29	12.76	9.85	11.47	13.36	11.07	12.23
2	14.21	11.25	12.72	14.77	12.48	13.74	13.20	9.68	11.94	13.77	10.78	12.32
3	13.76	10.84	12.50	14.21	12.04	13.15	13.17	9.90	11.70	14.17	11.02	12.75
4	14.38	11.45	12.99	14.39	11.48	12.95	12.65	9.15	11.10	13.58	10.99	12.25
5	13.85	11.39	12.72	14.55	11.30	12.94	13.02	8.86	11.20	13.20	10.34	11.94
6	13.54	11.00	12.36	14.84	11.62	13.25	12.99	9.47	11.38	14.16	11.17	12.81
7	13.91	10.46	12.51	14.20	11.66	12.92	12.80	9.16	11.23	13.90	11.33	12.70
8	14.11	11.18	12.79	13.92	11.05	12.63	12.97	9.40	11.23	13.80	11.27	12.58
9	14.27	11.21	12.80	14.77	11.48	13.13	12.63	9.13	11.27	13.01	10.38	11.75
10	14.17	11.15	12.86	14.18	11.46	12.82	13.05	9.13	11.45	12.42	9.79	11.35
11	14.08	11.24	12.61	13.25	10.79	12.02	13.05	10.60	12.01	12.95	10.81	11.76
12	13.62	10.40	12.17	13.35	10.85	12.09	12.94	10.19	11.57	12.98	10.69	11.80
13	13.46	10.41	12.12	13.09	10.91	11.99	12.27	9.94	11.23	12.86	10.12	11.60
14	13.82	11.49	12.51	12.92	10.83	11.97	12.11	8.72	10.77	13.28	10.48	11.62
15	13.23	10.93	12.23	13.35	10.61	11.95	11.95	9.35	10.81	12.47	9.52	11.42
16	13.05	10.76	12.16	12.29	9.80	11.28	11.96	9.73	11.15	12.18	8.72	10.74
17	13.24	10.74	11.98	12.96	9.99	11.50	12.62	8.96	11.07	13.32	8.82	11.38
18	13.17	10.67	11.99	13.68	10.83	12.32	12.30	8.34	10.56	12.56	9.20	11.06
19	13.15	10.66	11.89	13.50	10.45	11.89	13.13	8.04	11.22	13.60	8.86	11.46
20	13.12	10.50	11.84	13.00	10.04	11.60	13.70	9.68	11.96	---	---	---
21	13.91	10.78	12.52	12.92	9.59	11.63	13.66	10.32	11.81	13.44	9.50	11.72
22	14.04	11.57	12.91	13.33	9.63	11.79	13.09	8.85	11.32	13.39	9.96	11.76
23	13.93	11.05	12.79	13.38	9.72	11.76	13.50	9.76	11.87	13.88	10.37	12.25
24	13.80	11.00	12.47	13.08	9.68	11.56	13.35	9.88	11.70	13.17	10.25	11.66
25	14.37	10.77	12.70	13.35	8.91	11.64	13.43	9.85	11.87	12.53	9.38	11.26
26	14.43	10.94	12.89	13.28	10.09	11.82	13.96	11.16	12.55	12.16	9.19	10.78
27	14.43	11.20	12.95	13.19	10.74	11.88	13.46	10.73	12.32	12.53	9.77	11.50
28	14.53	11.53	13.07	13.10	10.22	11.81	13.40	10.81	12.43	12.40	9.60	11.28
29	14.46	11.81	13.21	13.09	10.35	11.88	13.08	9.13	11.67	12.97	9.60	11.56
30	14.28	11.75	13.13	13.10	10.04	11.90	12.45	9.11	11.19	13.17	10.34	11.91
31	14.21	11.64	12.93	---	---	---	13.20	10.10	11.86	13.37	10.69	12.00
MONTH	14.53	10.40	12.57	14.84	8.91	12.24	13.96	8.04	11.51	14.17	8.72	11.77

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.91	10.00	11.46	12.81	9.14	11.20	13.15	10.22	11.73	14.25	10.99	12.49
2	13.68	10.00	11.91	12.69	9.39	11.11	13.59	10.07	11.75	13.67	10.88	12.28
3	13.60	10.16	11.83	12.66	9.29	11.14	14.05	10.40	12.19	13.61	10.44	12.10
4	13.76	10.22	12.00	13.12	9.65	11.62	14.05	10.41	12.03	13.61	10.51	12.00
5	13.92	10.16	12.15	13.68	10.50	12.15	13.06	9.78	11.46	13.50	9.83	11.69
6	13.99	11.76	13.04	13.76	10.64	12.31	12.98	9.75	11.54	13.23	10.78	11.94
7	13.94	11.50	12.78	13.76	10.23	11.79	13.00	9.97	11.64	13.60	11.03	12.48
8	13.94	10.73	12.28	12.90	9.73	11.33	13.03	11.03	11.95	13.67	10.74	12.27
9	13.10	10.65	11.89	12.89	10.09	11.58	13.22	10.96	12.14	13.11	10.48	11.89
10	13.12	11.06	12.13	13.19	10.66	11.80	13.08	10.76	12.05	13.04	10.26	11.82
11	13.37	10.76	12.12	12.96	9.79	11.21	13.00	10.31	11.83	13.73	10.26	12.10
12	12.94	10.36	11.81	12.35	9.99	11.36	13.05	10.31	11.74	14.07	10.41	12.22
13	13.71	10.50	12.56	12.41	9.78	11.35	13.83	10.25	12.09	14.09	11.23	12.62
14	13.38	10.87	12.20	12.75	10.04	11.62	14.18	11.41	12.76	14.12	11.47	12.74
15	13.15	10.44	11.82	12.82	9.75	11.53	14.03	11.14	12.65	13.92	11.28	12.51
16	12.88	9.58	11.25	13.58	9.34	11.64	13.98	10.98	12.44	13.99	10.89	12.37
17	14.12	8.85	11.97	13.51	10.27	11.86	13.58	10.76	12.19	13.75	10.76	12.08
18	13.67	10.88	12.34	12.91	9.46	11.30	13.58	10.51	11.83	13.45	10.75	12.27
19	13.61	10.21	11.93	12.86	9.92	11.50	13.42	10.19	11.77	13.63	10.97	12.29
20	---	---	---	13.48	9.31	11.94	13.22	10.56	11.98	13.49	11.10	12.16
21	---	---	---	13.46	10.17	11.82	13.49	10.84	12.11	13.54	11.44	12.47
22	12.98	9.90	11.49	13.18	9.89	11.46	13.24	10.50	11.66	13.61	11.37	12.53
23	12.96	9.99	11.56	12.86	10.06	11.41	12.62	10.09	11.48	13.48	11.15	12.24
24	12.76	9.84	11.30	13.05	11.09	11.94	12.59	10.39	11.61	12.93	10.64	11.87
25	12.95	10.80	12.01	13.07	11.48	12.26	12.71	10.07	11.53	13.17	10.58	11.96
26	13.11	9.85	11.84	13.11	10.51	11.92	12.88	10.07	11.55	13.54	11.20	12.38
27	12.32	9.73	11.27	12.16	9.75	11.11	13.04	10.47	11.83	13.85	11.01	12.41
28	12.93	10.43	11.62	12.24	9.61	11.13	13.14	10.43	11.84	14.40	11.78	12.93
29	11.87	9.12	10.73	12.18	9.59	11.15	13.82	10.95	12.49	14.43	12.07	13.17
30	---	---	---	12.59	9.81	11.30	13.76	11.27	12.53	14.16	12.03	12.98
31	---	---	---	12.77	10.00	11.38	---	---	---	14.41	11.28	12.69
MONTH	14.12	8.85	11.90	13.76	9.14	11.56	14.18	9.75	11.95	14.43	9.83	12.32
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	14.02	11.23	12.54	14.31	11.23	12.56	13.27	10.20	11.84	13.54	9.67	11.95
2	14.02	10.48	12.26	13.91	10.93	12.23	13.50	10.29	12.05	13.83	9.63	11.99
3	13.90	10.60	12.29	14.26	11.17	12.83	13.47	10.55	12.06	13.46	9.92	11.87
4	14.05	11.48	12.75	14.07	11.31	12.89	13.44	9.73	11.81	13.25	9.23	11.51
5	14.01	10.75	12.37	13.75	10.85	12.57	13.11	9.44	11.73	13.10	9.43	11.43
6	13.87	11.00	12.62	13.75	10.42	12.35	13.54	9.77	11.81	13.14	9.80	11.59
7	14.07	11.19	12.71	13.57	10.08	12.01	14.07	10.81	12.38	13.76	10.50	11.90
8	13.60	10.99	12.42	13.10	9.87	11.67	13.92	10.49	12.29	13.92	11.06	12.18
9	13.73	10.46	12.19	13.34	10.50	11.86	13.53	11.25	12.18	13.40	11.05	12.19
10	13.84	10.61	12.25	13.38	10.29	11.68	13.56	10.82	12.04	13.53	10.89	12.16
11	13.96	11.06	12.52	13.54	10.76	11.98	13.48	10.28	11.73	13.47	10.87	12.34
12	14.90	11.80	13.31	13.40	10.71	11.97	12.87	10.30	11.51	13.70	10.67	12.37
13	14.98	12.52	13.57	13.39	10.64	11.92	12.87	10.06	11.44	13.70	11.30	12.53
14	14.44	12.46	13.40	13.26	9.92	11.55	13.28	10.20	11.91	14.03	11.31	12.98
15	14.27	11.91	13.17	13.14	10.07	11.58	13.28	10.61	11.83	14.09	11.91	13.00
16	14.25	11.43	12.66	13.07	9.95	11.41	13.24	10.57	12.09	13.88	11.32	12.82
17	13.96	11.11	12.39	12.95	10.21	11.57	13.98	11.68	12.88	13.47	10.92	12.15
18	13.65	10.81	12.24	13.06	10.34	11.75	13.93	11.45	12.98	13.45	10.18	12.00
19	13.46	11.14	12.48	13.03	10.43	11.80	14.19	11.27	12.94	13.44	9.81	11.90
20	13.64	11.16	12.52	13.08	10.24	11.78	13.64	11.13	12.50	13.59	10.30	12.06
21	13.48	10.90	12.25	13.07	10.02	11.98	13.88	10.74	12.50	13.96	10.79	12.46
22	13.25	10.78	12.27	13.42	10.24	12.09	13.79	10.94	12.54	14.63	11.53	12.88
23	14.13	11.10	12.70	13.40	9.98	11.97	13.91	10.72	12.45	14.13	11.45	12.81
24	14.27	11.29	12.79	12.91	9.92	11.65	14.13	11.23	12.49	14.72	11.64	13.12
25	13.43	10.58	12.15	13.95	10.35	12.00	13.79	10.95	12.32	14.86	12.03	13.47
26	13.44	10.26	11.86	14.33	11.01	12.37	14.07	10.75	12.19	14.51	11.95	13.26
27	13.75	10.18	11.87	13.47	10.69	12.16	13.70	10.65	12.12	14.56	11.78	13.42
28	13.87	10.68	12.14	13.30	9.92	11.53	13.40	10.73	12.20	14.32	11.68	13.12
29	14.37	11.28	12.72	13.67	10.36	11.99	13.36	10.16	11.90	13.97	11.24	12.80
30	14.31	11.72	12.95	13.67	10.76	12.22	13.64	10.21	12.17	14.10	11.45	12.93
31	---	---	---	13.67	9.99	11.83	13.50	10.31	12.06	---	---	---
MONTH	14.98	10.18	12.55	14.33	9.87	11.99	14.19	9.44	12.16	14.86	9.23	12.44
YEAR	14.98	8.04	12.08									

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1983 to current year.

pH: April 1983 to current year.

WATER TEMPERATURE: August 1975 to current year.

DISSOLVED OXYGEN: April 1983 to current year.

INSTRUMENTATION.--Data collection platform.

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, 309 microsiemens, Oct. 21; minimum, 76 microsiemens, Nov. 25, 26.

pH: Maximum, 8.1 units, Apr. 3; minimum, 6.1 units, June 28, 29.

WATER TEMPERATURE: Maximum, 31.5°C, July 31, Aug. 1; minimum, 8.0°C, several days in Jan. and Feb.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 3; minimum 3.4 mg/L, June 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	112	92	95	91	84	87	94	79	84	101	96	98
2	121	92	97	99	82	86	90	80	83	104	98	100
3	110	92	97	97	82	85	100	81	87	109	98	101
4	101	90	92	86	79	82	88	85	86	104	100	102
5	93	90	92	120	79	91	88	85	87	112	101	104
6	96	92	93	88	87	87	90	87	88	111	102	104
7	100	91	93	89	87	88	93	88	89	105	102	104
8	93	90	91	91	87	89	89	79	86	106	103	104
9	92	90	90	120	86	93	90	86	88	108	104	106
10	97	89	91	116	86	95	89	86	87	114	107	109
11	102	89	92	91	87	88	87	86	86	113	104	108
12	100	89	91	92	88	90	88	86	87	107	105	106
13	91	90	91	96	90	91	90	86	88	108	106	107
14	91	89	90	92	89	90	91	89	90	113	106	108
15	92	89	90	90	89	89	93	90	91	113	106	108
16	99	88	91	91	89	90	93	87	89	114	107	110
17	100	90	92	93	91	92	92	86	89	115	108	112
18	95	91	93	94	89	91	96	88	91	115	107	109
19	108	91	94	93	89	91	99	89	92	126	109	114
20	166	91	106	101	90	93	92	88	90	---	---	---
21	309	96	132	99	79	88	97	90	91	133	111	117
22	131	87	93	111	78	83	127	91	98	133	112	116
23	121	86	93	89	77	81	215	96	117	138	111	118
24	107	86	90	92	77	82	131	93	102	113	111	112
25	99	86	90	83	76	77	153	94	107	113	112	112
26	100	85	89	80	76	77	98	93	94	114	113	114
27	95	84	87	89	77	79	96	93	94	116	112	114
28	95	84	86	81	77	79	96	93	94	115	112	114
29	93	83	85	91	78	82	98	95	96	117	114	115
30	87	82	84	86	78	80	101	97	99	117	114	115
31	89	83	84	---	---	---	103	97	99	115	113	114
MONTH	309	82	93	120	76	87	215	79	92	138	96	109

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

COOPER RIVER BASIN

02172037 EAST BRANCH COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'50'', long 79°53'54'', Berkeley County, Hydrologic Unit 03050201, on left bank and at mi 1.9.

DRAINAGE AREA.--Indeterminate.

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

GAGE.--Data collection platform. Datum of gage is 21.30 feet below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.39 ft, June 12, 1992; minimum, 18.43 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.39 ft, June 12; minimum, 18.90 ft, Dec. 19.
Water Year 1991: Maximum gage height, 26.37 ft, June 25; minimum gage height, 18.43 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.42	21.69	23.54	25.25	21.31	23.58	25.06	20.71	23.19	25.15	19.87	23.14
2	25.13	21.35	23.48	25.69	21.46	24.00	25.03	20.31	23.06	25.30	21.04	23.44
3	25.15	21.57	23.41	25.70	22.00	24.04	25.30	20.77	23.49	24.88	20.47	23.02
4	25.05	21.36	23.41	25.48	21.43	23.63	25.24	20.58	23.15	25.22	21.17	23.56
5	24.97	20.38	23.19	25.53	21.27	23.74	24.84	19.83	22.84	25.14	21.95	23.63
6	25.22	21.30	23.60	25.35	21.39	23.63	25.04	20.91	23.30	24.64	21.47	23.12
7	25.26	21.54	23.61	25.35	21.47	23.67	24.78	21.19	23.18	24.63	21.67	23.24
8	25.31	21.13	23.52	25.31	21.80	23.78	24.86	21.47	23.33	24.84	21.89	23.56
9	25.28	21.26	23.51	25.71	22.71	24.39	24.59	21.48	23.24	24.57	21.44	23.14
10	25.86	21.96	24.22	25.48	21.46	23.93	24.59	21.36	23.16	24.58	21.50	23.20
11	25.55	22.33	24.26	24.61	21.51	23.20	24.46	21.47	23.21	25.20	21.95	23.84
12	26.21	22.92	24.64	24.52	21.43	23.14	24.95	21.87	23.45	24.83	22.02	23.35
13	25.70	22.68	24.39	24.84	21.52	23.42	24.49	21.23	22.89	24.12	20.44	22.69
14	25.67	22.51	24.21	25.15	21.79	23.52	24.17	20.23	22.63	25.07	21.29	23.29
15	25.43	22.19	23.93	25.17	21.88	23.47	24.74	21.43	23.11	24.95	21.30	23.32
16	25.23	22.05	23.73	24.95	21.46	23.39	24.34	20.67	22.61	25.08	21.59	23.42
17	25.29	22.09	23.91	24.69	21.30	23.14	24.52	20.41	22.77	24.63	20.46	22.79
18	25.27	22.18	23.75	25.45	21.51	23.55	24.74	21.30	23.13	24.94	21.09	23.04
19	24.80	21.10	23.28	25.35	21.78	23.60	24.35	20.70	22.76	25.07	20.85	23.20
20	24.88	21.71	23.39	24.85	21.64	23.32	24.86	21.08	23.12	25.30	21.50	23.45
21	24.90	21.73	23.43	24.91	21.70	23.42	24.53	21.33	22.96	24.36	20.43	22.58
22	25.04	21.54	23.33	24.79	21.84	23.33	24.34	21.00	22.76	24.23	21.27	22.88
23	24.47	21.54	23.01	24.63	21.54	23.17	24.14	21.06	22.71	24.79	21.66	23.40
24	24.83	21.38	23.18	24.17	20.85	22.69	24.07	19.74	22.19	24.66	21.72	23.22
25	24.75	21.82	23.19	24.19	20.84	22.65	24.20	21.00	22.70	25.05	22.20	23.90
26	24.56	21.18	22.91	23.99	21.07	22.67	24.48	21.21	23.02	25.28	21.96	23.76
27	24.97	22.46	23.72	24.24	20.91	23.02	24.76	21.64	23.44	25.16	21.64	23.61
28	24.95	22.06	23.77	24.54	20.96	22.92	24.99	21.30	23.36	25.12	21.02	23.40
29	24.90	22.08	23.70	24.58	20.60	22.66	24.82	20.65	22.98	25.09	20.68	23.32
30	25.14	22.24	23.85	24.91	19.61	23.04	24.84	20.23	22.93	25.66	21.42	23.89
31	25.24	21.87	23.66	---	---	---	24.79	20.30	22.74	25.30	21.64	23.66
MONTH	26.21	20.38	23.64	25.71	19.61	23.39	25.30	19.74	23.01	25.66	19.87	23.32

COOPER RIVER BASIN

02172037 EAST BRANCH COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	25.45	21.79	23.73	25.17	21.04	23.38	25.09	21.48	23.39	25.00	21.42	23.23
2	25.21	21.58	23.56	25.18	21.57	23.52	24.94	21.38	23.14	24.74	21.44	23.04
3	24.73	20.34	22.70	25.25	21.37	23.67	24.90	21.68	23.25	24.78	21.92	23.24
4	24.24	20.57	22.54	24.92	20.82	23.00	24.90	21.62	23.24	24.70	21.52	23.01
5	23.94	20.51	22.32	24.19	20.87	22.70	24.32	21.20	22.69	24.48	21.70	23.12
6	23.85	20.83	22.34	24.25	21.38	22.99	24.08	20.88	22.52	24.14	21.08	22.69
7	23.97	21.39	22.70	24.15	20.99	22.57	23.78	21.12	22.64	23.81	20.70	22.58
8	24.17	21.85	23.09	24.11	21.63	22.97	23.80	20.98	22.58	24.42	21.28	23.05
9	24.74	22.04	23.51	24.39	22.19	23.36	23.70	20.86	22.52	24.59	21.54	23.29
10	24.75	21.82	23.44	24.57	21.85	23.12	23.58	20.44	22.36	25.10	21.54	23.46
11	24.80	21.66	23.25	24.49	21.85	23.36	24.39	20.30	22.54	25.37	21.30	23.45
12	24.66	21.37	23.09	24.95	21.89	23.66	25.22	21.22	23.22	25.52	21.50	23.63
13	24.81	21.26	23.08	25.17	22.43	23.90	25.12	21.96	23.65	25.35	21.48	23.60
14	24.25	20.25	22.55	25.13	21.77	23.43	25.18	21.22	23.27	25.98	21.62	23.69
15	23.92	19.33	21.86	25.55	21.99	23.77	25.50	21.66	23.55	25.74	21.15	23.61
16	24.01	18.43	21.56	25.53	22.43	23.98	25.46	21.22	23.51	25.23	21.07	23.35
17	24.22	19.63	22.29	25.66	22.29	23.94	25.16	21.28	23.29	25.36	21.31	23.50
18	24.04	19.65	22.24	25.69	22.15	24.00	25.28	21.82	23.55	25.19	21.37	23.37
19	24.14	20.15	22.37	25.45	21.69	23.66	25.26	22.14	23.76	24.87	21.69	23.46
20	24.25	19.62	22.25	25.47	21.71	23.72	25.18	21.98	23.64	25.23	22.45	23.90
21	23.94	20.05	22.13	25.17	21.23	23.34	25.09	21.92	23.60	25.47	22.63	24.21
22	24.17	20.34	22.38	24.79	21.13	23.09	24.66	21.60	23.38	25.36	22.61	24.17
23	24.42	21.20	23.05	24.59	20.97	22.94	24.86	21.74	23.45	25.33	22.23	23.94
24	24.76	20.57	23.14	24.11	20.05	22.55	25.16	21.98	23.63	25.47	21.83	23.78
25	24.71	20.80	23.13	24.32	20.61	22.87	25.40	21.68	23.61	25.45	21.68	23.66
26	24.78	21.00	23.20	24.49	21.13	23.10	25.48	22.22	23.81	25.19	21.61	23.52
27	25.03	21.08	23.30	24.64	21.32	23.19	25.32	21.82	23.59	25.13	21.64	23.41
28	25.17	21.12	23.34	24.54	20.66	22.92	25.39	21.76	23.51	24.67	21.15	23.04
29	---	---	---	25.35	20.76	23.17	25.24	21.88	23.50	24.94	21.09	22.90
30	---	---	---	24.82	20.58	23.01	25.20	21.98	23.56	25.49	21.97	23.52
31	---	---	---	25.08	21.32	23.25	---	---	---	25.54	22.40	23.99
MONTH	25.45	18.43	22.79	25.69	20.05	23.29	25.50	20.30	23.26	25.98	20.70	23.43
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.51	22.38	23.96	24.89	21.64	23.25	24.64	21.12	23.33	25.35	21.37	23.65
2	25.52	22.90	24.17	25.22	21.89	23.56	25.07	22.13	23.76	25.55	22.11	24.04
3	25.30	22.59	23.97	25.36	22.08	23.76	25.09	21.17	23.41	25.75	22.25	24.20
4	25.25	22.57	23.97	24.79	21.41	23.38	25.28	20.86	23.35	25.93	22.18	24.25
5	26.02	23.58	24.82	25.21	21.79	23.74	25.04	21.06	23.35	25.71	22.14	24.12
6	25.96	23.52	24.90	25.37	21.47	23.74	25.15	20.87	23.32	25.59	21.76	23.95
7	25.80	23.44	24.78	26.00	22.46	24.27	25.28	21.05	23.43	25.67	21.85	23.87
8	26.01	22.79	24.50	25.87	22.02	24.12	25.49	20.69	23.35	25.75	22.50	24.23
9	25.86	22.15	24.19	25.79	21.54	23.88	25.70	21.19	23.62	25.71	22.53	24.28
10	25.98	21.98	24.07	26.05	21.80	23.96	25.17	21.11	23.47	25.71	22.49	24.12
11	25.87	21.70	23.88	26.06	21.68	23.93	25.47	21.47	23.60	25.25	21.94	23.84
12	25.74	21.54	23.66	26.03	22.20	24.15	25.49	22.17	23.94	25.15	21.73	23.66
13	25.63	21.05	23.45	25.97	22.54	24.24	25.40	22.16	24.00	25.01	21.89	23.63
14	25.61	21.70	23.66	25.93	22.22	24.00	25.24	22.02	23.83	25.07	21.59	23.56
15	25.38	21.18	23.42	25.47	21.80	23.64	24.92	21.57	23.42	24.93	21.19	23.23
16	25.11	21.56	23.37	25.69	21.74	24.04	24.95	21.37	23.41	25.01	21.75	23.46
17	25.05	21.46	23.41	25.53	21.61	23.98	25.31	21.47	23.59	24.81	21.69	23.39
18	24.87	21.26	23.41	25.01	21.36	23.52	25.47	21.83	23.82	24.95	21.73	23.47
19	25.21	21.37	23.59	25.14	21.15	23.43	25.16	21.84	23.68	24.99	21.57	23.45
20	25.07	20.85	23.33	25.39	21.75	23.70	24.53	21.05	22.99	25.12	21.07	23.29
21	25.13	20.96	23.23	25.19	21.62	23.54	24.49	20.69	22.78	25.57	22.46	23.98
22	25.18	20.80	23.14	25.16	20.94	23.25	24.83	21.21	23.00	25.49	22.87	24.26
23	25.11	20.89	23.04	25.04	20.75	23.04	24.95	21.48	23.25	25.53	22.69	24.22
24	26.07	21.83	23.73	25.01	20.86	23.03	24.95	21.32	23.21	25.51	22.45	24.00
25	26.37	23.20	24.53	25.11	20.49	22.98	25.07	21.66	23.35	25.13	21.91	23.70
26	26.29	22.60	24.48	24.58	20.67	22.86	25.11	21.97	23.57	24.91	21.35	23.31
27	26.13	22.31	24.38	24.90	21.04	22.89	25.33	22.04	23.90	25.07	21.39	23.52
28	25.88	22.94	24.39	24.83	21.50	23.24	25.33	22.25	23.81	25.31	21.85	23.77
29	25.89	22.93	24.33	24.83	21.17	23.07	25.21	21.87	23.78	25.21	21.79	23.69
30	25.86	21.89	23.81	24.71	21.21	23.08	25.09	21.93	23.74	25.05	21.35	23.45
31	---	---	---	24.66	20.91	23.13	25.47	21.79	23.89	---	---	---
MONTH	26.37	20.80	23.92	26.06	20.49	23.56	25.70	20.69	23.51	25.93	21.07	23.79
YEAR	26.37	18.43	23.41									

COOPER RIVER BASIN

02172037 EAST BRANCH COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.03	21.55	23.51	25.92	23.11	24.62	24.46	20.77	22.77	24.97	22.04	23.52
2	25.39	22.27	24.02	26.07	23.55	24.91	24.55	20.48	22.97	25.15	21.81	23.67
3	24.97	21.77	23.74	25.65	22.97	24.41	24.63	20.76	22.93	25.43	22.09	23.94
4	25.69	22.19	23.95	25.55	22.45	24.09	24.01	19.81	22.15	25.01	22.01	23.50
5	25.33	22.19	23.89	25.77	22.21	24.14	24.49	19.75	22.51	24.72	21.33	23.27
6	25.09	21.74	23.62	26.09	22.64	24.41	24.65	20.37	22.67	25.47	22.07	23.90
7	25.43	21.35	23.69	25.75	22.55	24.17	24.33	20.15	22.46	25.43	22.15	23.86
8	25.69	22.12	24.02	25.47	22.07	23.91	24.43	20.10	22.42	25.31	22.33	23.80
9	25.73	22.12	24.03	26.01	22.66	24.34	24.23	20.26	22.46	24.57	21.39	23.11
10	25.51	22.13	24.02	25.60	22.61	24.09	24.33	20.23	22.61	24.08	20.81	22.54
11	25.33	22.22	23.85	24.83	21.91	23.38	24.65	21.53	23.19	24.45	21.24	22.87
12	24.97	21.44	23.39	24.91	21.75	23.42	24.42	21.29	22.92	24.47	21.47	23.07
13	25.03	21.55	23.40	24.65	21.73	23.29	23.87	20.90	22.54	24.43	21.22	22.99
14	25.09	22.12	23.64	24.29	21.73	23.13	23.67	19.90	22.13	24.88	20.12	22.74
15	24.79	22.11	23.53	24.43	21.51	22.98	23.57	20.23	22.09	23.92	20.26	22.59
16	24.57	21.91	23.39	23.83	20.71	22.52	23.59	20.19	22.21	23.84	19.74	22.05
17	24.55	21.95	23.32	24.19	20.73	22.81	24.03	19.37	22.33	24.52	19.56	22.51
18	24.49	21.83	23.27	24.79	21.72	23.44	23.65	19.23	21.88	24.26	19.59	22.37
19	24.51	21.66	23.21	24.77	21.29	23.13	24.31	18.90	22.41	24.80	19.46	22.80
20	24.73	21.50	23.26	24.67	20.77	22.87	24.89	20.31	23.00	25.27	20.43	23.17
21	25.23	21.85	23.81	24.63	20.22	22.80	24.97	20.88	23.00	25.06	20.03	22.88
22	25.37	22.27	23.98	24.87	20.37	22.96	24.79	19.51	22.71	24.94	20.42	22.93
23	25.26	21.89	23.85	24.87	20.37	22.97	25.07	20.53	23.12	25.22	20.94	23.28
24	25.28	21.85	23.69	24.73	20.41	22.71	24.69	20.67	22.89	24.65	19.55	22.45
25	25.53	21.65	23.82	24.87	19.56	22.74	25.00	20.57	23.09	24.07	20.37	22.36
26	25.65	21.85	23.98	24.88	20.55	23.06	25.23	21.81	23.60	23.77	19.97	22.04
27	25.65	22.10	24.10	24.79	21.01	23.09	24.71	21.27	23.30	24.13	20.64	22.68
28	25.79	22.25	24.22	24.71	21.07	23.07	24.89	21.84	23.62	24.01	20.63	22.53
29	25.79	22.83	24.44	24.43	21.27	23.06	24.62	20.13	22.89	24.31	20.66	22.87
30	25.69	22.71	24.30	24.65	20.77	23.10	24.03	20.18	22.46	24.45	21.21	23.15
31	25.51	22.62	24.22	---	---	---	24.44	20.71	23.09	24.69	21.67	23.11
MONTH	25.79	21.35	23.78	26.09	19.56	23.45	25.23	18.90	22.72	25.47	19.46	22.99
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	24.17	20.75	22.73	24.05	20.15	22.52	24.59	21.27	23.06	25.49	21.72	23.60
2	24.85	20.97	23.11	23.97	20.33	22.40	24.91	21.01	22.91	25.07	21.61	23.44
3	24.83	21.06	23.05	24.22	20.28	22.43	25.19	21.34	23.37	25.09	21.05	23.07
4	25.10	21.27	23.25	24.68	20.51	22.87	25.19	21.34	23.32	25.05	21.34	23.16
5	25.34	21.10	23.29	25.02	21.46	23.34	24.57	20.69	22.77	25.09	20.65	23.05
6	25.52	22.90	24.27	25.02	21.70	23.39	24.57	20.61	22.79	24.85	21.42	23.25
7	25.39	22.56	24.08	25.02	20.92	22.97	24.63	20.87	22.93	25.19	21.99	23.72
8	25.48	21.48	23.49	24.39	20.23	22.51	24.66	21.41	23.06	25.23	21.19	23.46
9	24.60	21.70	23.17	24.40	21.09	22.80	24.75	21.58	23.25	24.71	21.33	23.13
10	24.68	22.02	23.41	24.73	21.11	23.04	24.69	21.39	23.18	24.51	21.15	23.07
11	24.88	21.49	23.36	24.65	19.91	22.29	24.57	21.19	23.10	25.11	21.14	23.31
12	24.46	21.50	23.07	23.95	20.64	22.53	24.52	21.12	23.05	25.41	21.09	23.46
13	24.94	21.62	23.64	23.95	20.62	22.47	25.25	21.17	23.50	25.39	22.03	23.89
14	24.67	21.17	23.18	24.20	20.77	22.89	25.37	22.32	23.97	25.47	22.25	23.96
15	24.71	20.96	23.04	24.42	20.55	22.85	25.39	22.03	23.79	25.35	21.71	23.66
16	24.49	20.17	22.57	24.77	19.89	22.84	25.35	21.41	23.51	25.41	21.39	23.39
17	25.43	19.35	23.08	24.88	20.97	23.10	25.11	21.14	23.25	25.15	21.47	23.32
18	25.07	21.46	23.52	24.59	20.03	22.54	25.05	20.69	23.00	25.13	21.69	23.43
19	25.01	20.89	23.13	24.32	20.11	22.60	25.02	20.97	23.01	25.18	22.01	23.47
20	25.02	20.28	22.93	24.89	19.98	22.91	24.81	21.36	23.14	25.05	22.03	23.52
21	24.77	20.71	22.91	25.02	20.84	23.08	25.03	21.69	23.26	25.11	22.53	23.82
22	24.53	20.58	22.68	24.75	20.73	22.83	24.77	21.20	22.81	25.16	22.49	23.80
23	24.42	20.95	22.81	24.51	20.68	22.69	24.15	21.05	22.59	25.03	22.13	23.53
24	24.32	20.90	22.66	24.66	21.65	23.13	24.11	21.20	22.77	24.48	21.53	23.19
25	24.21	21.42	23.09	24.59	22.09	23.32	24.03	21.19	22.76	24.61	21.65	23.33
26	24.58	20.52	22.90	24.57	21.18	23.05	24.31	21.41	22.93	25.03	22.23	23.73
27	23.60	20.52	22.48	23.69	20.09	22.21	24.43	21.65	23.19	25.15	22.05	23.68
28	24.14	21.16	22.78	23.51	20.58	22.40	24.49	21.55	23.21	25.63	22.47	24.13
29	23.44	19.85	21.98	23.73	20.67	22.47	25.27	22.11	23.79	25.83	22.67	24.34
30	---	---	---	24.03	20.95	22.68	25.17	22.09	23.80	25.41	22.29	24.05
31	---	---	---	24.19	20.69	22.70	---	---	---	25.75	21.81	23.71
MONTH	25.52	19.35	23.09	25.02	19.89	22.77	25.39	20.61	23.17	25.83	20.65	23.54

COOPER RIVER BASIN

02172037 EAST BRANCH COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.55	21.73	23.70	25.75	21.55	23.76	24.83	20.51	23.01	24.66	20.48	23.03
2	25.47	21.31	23.53	25.53	20.85	23.36	24.99	20.91	23.30	24.96	20.54	23.12
3	25.46	21.47	23.60	25.49	22.04	23.99	24.95	21.23	23.30	24.70	20.86	23.05
4	25.57	22.17	23.86	25.61	22.23	23.98	24.65	20.69	22.97	24.48	20.24	22.71
5	25.58	21.65	23.71	25.29	21.70	23.69	24.63	20.33	22.93	24.41	20.52	22.71
6	25.09	21.73	23.71	24.97	21.27	23.44	24.89	20.81	23.08	24.60	20.75	22.85
7	25.27	22.07	23.90	24.93	21.01	23.27	25.29	21.52	23.50	25.02	21.10	23.11
8	25.10	21.76	23.68	24.77	20.77	23.09	25.18	21.38	23.49	25.18	21.70	23.43
9	25.11	21.31	23.50	24.85	20.85	23.05	25.05	21.35	23.35	24.92	21.75	23.37
10	25.37	21.17	23.51	24.76	20.61	22.86	25.05	21.27	23.19	24.96	21.76	23.37
11	25.57	22.15	23.98	25.07	20.93	23.03	24.85	20.93	22.98	24.90	21.86	23.43
12	26.39	22.91	24.49	24.89	21.05	23.04	24.51	20.82	22.78	25.20	21.57	23.53
13	26.37	23.17	24.78	24.87	20.79	22.88	24.56	21.10	22.89	25.11	22.31	23.78
14	25.95	22.90	24.58	24.77	20.55	22.78	24.87	21.13	23.06	25.58	22.32	24.11
15	25.77	22.79	24.25	24.62	20.72	22.80	24.87	21.43	23.13	25.58	22.76	24.18
16	25.72	22.11	23.88	24.50	20.76	22.66	24.84	21.55	23.40	25.18	22.29	23.87
17	25.51	22.15	23.75	24.55	20.88	22.76	25.32	22.52	24.07	24.95	21.89	23.45
18	25.23	21.71	23.53	24.57	21.11	22.88	25.16	22.30	23.96	24.77	21.13	23.19
19	24.99	22.03	23.59	24.51	21.19	22.98	25.35	22.18	23.98	24.67	20.81	23.09
20	25.14	22.21	23.72	24.47	20.97	22.98	25.04	22.05	23.71	24.95	21.27	23.38
21	24.85	21.97	23.49	24.42	21.01	23.10	25.12	21.76	23.68	25.29	21.72	23.73
22	24.83	21.87	23.62	24.73	21.10	23.23	25.19	21.94	23.80	25.78	21.89	24.03
23	25.31	22.19	23.93	24.59	21.01	23.17	25.21	21.72	23.68	25.69	21.85	23.98
24	25.45	22.00	23.94	24.55	20.97	23.03	25.43	21.39	23.61	26.12	22.70	24.43
25	24.85	21.44	23.44	25.13	20.51	23.09	25.31	21.11	23.49	26.21	23.07	24.67
26	25.01	20.79	23.14	25.57	21.03	23.44	25.29	20.83	23.35	25.90	22.83	24.51
27	25.09	20.85	23.23	25.09	20.83	23.39	25.30	20.77	23.31	25.94	22.62	24.52
28	25.42	21.17	23.46	25.01	19.83	22.78	24.97	21.12	23.32	25.82	22.58	24.32
29	25.93	21.97	23.90	25.35	21.08	23.20	24.92	20.69	23.10	25.46	22.17	23.99
30	25.89	22.15	24.12	25.29	21.24	23.46	24.96	20.83	23.30	25.60	22.49	24.21
31	---	---	---	25.29	20.63	23.18	24.94	21.06	23.23	---	---	---
MONTH	26.39	20.79	23.79	25.75	19.83	23.17	25.43	20.33	23.35	26.21	20.24	23.64
YEAR	26.39	18.90	23.29									

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal, 0.5 mi upstream of Secondary Road 9, and at mi 1.7.

DRAINAGE AREA.--Undefined.

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 National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 18.32 ft, June 13, 1992; minimum gage height, 12.57 ft, Dec. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.32 ft, June 13; minimum gage height, 12.57 ft, Dec. 19. Water Year 1991: Maximum gage height, 17.53 ft, Sept. 24; minimum gage height, 14.32 ft, Sept. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	17.65	15.26	16.33	16.99	14.52	15.82	16.98	13.49	15.57
2	17.70	15.41	16.56	17.68	15.00	16.63	16.81	14.12	15.68	17.25	14.60	16.11
3	17.13	15.24	16.25	17.73	15.63	16.77	17.42	14.44	16.13	16.74	14.26	15.73
4	17.07	14.94	16.07	17.34	15.26	16.35	17.47	14.55	15.97	17.16	14.72	16.19
5	17.18	14.25	15.95	17.39	14.89	16.32	16.80	13.86	15.63	17.10	15.26	16.24
6	17.45	15.09	16.45	17.20	14.98	16.22	17.07	14.67	16.09	16.65	14.84	15.72
7	17.75	15.34	16.67	17.17	15.08	16.25	---	---	---	16.75	15.16	15.91
8	17.83	15.27	16.73	17.17	15.37	16.37	16.85	14.82	15.94	17.02	15.01	16.14
9	17.74	15.32	16.66	17.56	15.95	16.79	16.65	14.87	15.85	16.54	14.76	15.67
10	18.32	15.75	17.21	17.83	15.68	16.96	16.61	14.90	15.78	16.40	14.57	15.58
11	18.36	16.49	17.60	16.85	15.25	16.08	---	---	---	17.04	14.84	16.19
12	18.82	16.80	17.87	16.77	14.96	15.88	---	---	---	16.87	15.21	15.97
13	18.38	16.76	17.69	17.08	15.08	16.07	---	---	---	16.21	13.96	15.23
14	18.27	16.61	17.43	17.29	15.20	16.21	16.25	13.69	15.14	17.00	14.52	15.75
15	18.05	16.38	17.19	17.31	15.28	16.18	16.62	14.55	15.58	16.85	14.52	15.77
16	17.91	16.07	16.92	17.09	14.88	16.08	16.20	14.06	15.18	17.05	14.81	15.98
17	17.93	15.95	17.09	16.80	14.73	15.86	16.51	13.85	15.27	16.62	13.97	15.47
18	17.84	16.15	16.99	17.41	14.77	16.13	16.58	14.44	15.67	16.93	14.49	15.66
19	17.35	15.24	16.30	17.32	15.07	16.26	---	---	---	16.96	14.12	15.75
20	17.08	15.06	16.13	16.89	14.92	16.02	---	---	---	17.29	15.08	16.19
21	17.01	15.12	16.18	16.97	14.98	16.11	16.43	14.47	15.56	16.53	14.25	15.36
22	17.32	14.82	16.14	16.85	14.98	15.94	16.27	14.13	15.34	16.22	14.45	15.44
23	16.93	15.15	16.00	16.83	14.67	15.88	16.02	14.14	15.22	16.76	14.91	15.98
24	17.24	14.72	16.10	16.23	14.08	15.38	15.97	13.34	14.77	16.60	14.99	15.78
25	17.18	15.34	16.23	16.19	14.09	15.30	16.22	14.03	15.11	17.09	14.99	16.42
26	16.92	14.88	15.86	16.23	14.37	15.34	16.30	14.38	15.52	17.23	15.54	16.35
27	17.41	15.93	16.65	16.47	14.63	15.80	16.83	14.56	15.98	17.15	15.12	16.17
28	17.43	15.83	16.74	16.49	14.45	15.52	16.92	15.22	16.03	16.94	14.61	15.95
29	17.45	15.68	16.65	16.48	14.20	15.33	16.61	14.25	15.48	17.02	14.47	15.84
30	17.69	15.91	16.82	16.91	13.70	15.66	16.56	13.91	15.40	17.54	14.99	16.52
31	17.75	15.67	16.66	---	---	---	16.52	14.00	15.25	17.42	15.50	16.55
MONTH	18.82	14.25	16.66	17.83	13.70	16.07	17.47	13.34	15.58	17.54	13.49	15.91

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.42	15.50	16.49	16.93	14.51	15.82	16.98	14.91	16.03	17.26	14.88	16.03
2	17.25	15.20	16.24	17.01	15.10	16.12	16.89	14.79	15.81	16.89	14.90	15.82
3	16.83	13.95	15.44	17.29	14.86	16.32	16.83	14.88	15.86	16.96	15.18	16.05
4	16.17	14.15	15.22	17.07	14.69	15.92	16.83	14.88	15.84	17.04	15.07	15.92
5	15.82	13.69	14.90	16.34	14.38	15.43	16.34	14.54	15.42	16.76	15.08	15.97
6	15.65	14.05	14.82	16.29	14.85	15.65	16.23	14.36	15.26	16.55	14.54	15.63
7	15.83	14.29	15.16	16.32	14.37	15.33	16.03	14.57	15.33	16.22	14.40	15.48
8	16.22	14.36	15.61	16.33	14.83	15.51	16.00	14.15	15.22	16.81	15.06	15.86
9	16.66	14.94	15.97	16.45	14.96	15.89	15.82	14.09	15.09	16.73	15.15	15.93
10	16.85	14.85	15.89	16.56	15.05	15.69	15.76	13.77	14.90	17.42	15.62	16.40
11	16.78	14.78	15.73	16.67	14.78	15.89	16.16	13.45	14.84	---	---	---
12	16.53	14.59	15.54	17.09	15.01	16.16	17.18	14.45	15.61	---	---	---
13	16.70	14.41	15.58	17.19	15.51	16.50	17.14	15.36	16.27	---	---	---
14	16.28	13.68	15.09	17.18	15.06	16.06	17.16	15.11	16.03	---	---	---
15	16.14	13.60	14.79	17.53	15.34	16.38	17.31	15.19	16.19	---	---	---
16	15.60	11.65	13.96	17.50	15.70	16.60	17.33	15.07	16.28	17.17	14.83	15.85
17	15.75	13.30	14.71	17.52	15.62	16.58	17.16	15.10	16.08	17.26	15.13	16.20
18	16.06	13.26	14.74	17.57	15.70	16.63	17.22	15.56	16.36	17.15	14.95	16.11
19	15.96	13.66	14.87	17.33	15.27	16.33	17.25	15.54	16.41	16.89	15.08	16.02
20	16.00	13.51	14.87	17.32	15.17	16.34	17.17	15.41	16.30	17.17	15.56	16.42
21	15.70	13.64	14.79	17.08	14.67	15.90	17.09	15.22	16.26	17.48	16.19	16.88
22	15.91	13.85	15.03	16.68	14.65	15.66	16.73	14.87	16.03	17.54	15.94	16.84
23	16.53	13.99	15.50	16.44	14.33	15.59	16.88	14.80	15.91	17.52	15.75	16.66
24	16.62	14.58	15.80	16.06	13.78	15.17	17.17	15.22	16.19	17.64	15.44	16.53
25	16.52	14.04	15.43	16.41	13.74	15.31	17.30	14.96	16.14	17.43	15.45	16.43
26	16.70	14.40	15.57	16.61	14.55	15.69	17.48	15.51	16.38	17.12	15.56	16.28
27	16.84	14.47	15.69	16.80	14.81	15.79	17.18	15.34	16.20	17.18	15.29	16.14
28	16.88	14.79	15.78	16.56	14.42	15.59	17.24	15.26	16.16	17.01	14.86	15.77
29	---	---	---	17.21	14.42	15.73	17.19	15.23	16.15	16.77	14.55	15.65
30	---	---	---	17.22	14.53	15.85	17.17	15.49	16.41	17.35	15.19	16.19
31	---	---	---	16.83	14.69	15.84	---	---	---	17.47	15.68	16.74
MONTH	17.42	11.65	15.33	17.57	13.74	15.91	17.48	13.45	15.90	17.64	14.40	16.15
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.52	15.72	16.76	17.11	15.19	16.12	17.25	14.70	16.19	17.44	15.18	16.44
2	17.66	16.38	17.06	---	---	---	17.61	16.05	16.89	17.45	15.40	16.51
3	17.50	16.04	16.86	---	---	---	17.54	15.16	16.56	---	---	---
4	17.45	16.20	16.89	16.67	14.96	16.08	17.62	14.92	16.36	---	---	---
5	18.11	16.70	17.46	---	---	---	17.25	14.78	16.20	---	---	---
6	18.12	16.92	17.58	---	---	---	17.30	14.56	16.04	---	---	---
7	17.99	16.90	17.51	17.73	16.18	16.92	17.22	14.75	16.16	---	---	---
8	18.05	16.52	17.30	17.76	15.85	16.85	17.36	14.75	16.03	---	---	---
9	17.89	16.26	17.11	---	---	---	17.65	15.08	16.31	---	---	---
10	17.96	16.00	16.95	---	---	---	17.47	15.08	16.23	---	---	---
11	17.65	15.66	16.65	17.96	15.73	16.69	17.39	15.09	16.29	---	---	---
12	17.65	15.59	16.48	17.89	16.05	16.88	17.56	15.83	16.77	---	---	---
13	17.60	15.43	16.32	17.85	16.08	17.02	17.68	15.92	16.94	---	---	---
14	17.37	15.28	16.29	17.87	15.93	16.87	17.58	15.78	16.81	---	---	---
15	17.22	14.85	15.78	17.60	15.51	16.50	17.31	15.31	16.39	---	---	---
16	---	---	---	17.77	15.54	16.85	17.23	15.01	16.24	---	---	---
17	---	---	---	17.75	15.60	16.90	17.48	14.81	16.30	---	---	---
18	16.38	14.64	15.64	17.25	15.11	16.41	17.63	15.22	16.50	---	---	---
19	---	---	---	17.36	15.00	16.28	17.36	15.32	16.40	---	---	---
20	---	---	---	17.63	15.72	16.71	16.45	14.27	15.63	---	---	---
21	---	---	---	17.47	15.52	16.59	16.51	14.13	15.33	17.51	15.53	16.37
22	---	---	---	17.30	14.73	16.16	16.80	14.45	15.51	17.44	15.87	16.74
23	17.31	14.90	15.97	17.26	14.29	15.82	16.85	14.92	15.80	17.52	15.88	16.85
24	18.05	15.36	16.33	17.18	14.24	15.78	16.90	14.81	15.80	17.53	15.73	16.61
25	18.44	16.39	17.43	17.28	14.31	15.75	17.08	15.10	16.00	17.17	15.29	16.26
26	18.37	16.40	17.44	16.97	14.15	15.53	17.13	15.43	16.25	16.86	14.76	15.84
27	18.39	15.95	17.32	16.79	14.47	15.49	17.49	15.44	16.64	16.94	14.76	16.00
28	18.12	16.99	17.48	16.82	14.91	15.95	17.52	15.81	16.61	17.18	15.09	16.24
29	18.16	16.94	17.52	16.90	14.72	15.77	17.39	15.35	16.52	17.13	15.06	16.22
30	18.16	15.64	16.89	16.81	14.75	15.89	17.33	15.37	16.51	17.02	14.76	16.01
31	---	---	---	16.96	14.54	15.96	17.61	15.23	16.65	---	---	---
MONTH	18.44	14.64	16.88	17.96	14.15	16.31	17.68	14.13	16.29	17.53	14.76	16.34
YEAR	18.82	11.65	16.09									

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16.82	14.78	15.98	17.84	16.16	16.98	16.24	14.10	15.23	16.83	15.19	15.98
2	17.38	15.86	16.49	18.05	16.57	17.39	16.60	13.90	15.56	17.01	14.96	16.07
3	17.08	15.12	16.31	17.66	16.28	17.00	16.42	14.24	15.44	17.33	15.21	16.43
4	17.62	15.51	16.57	17.63	15.82	16.71	15.93	13.59	14.85	16.99	15.25	16.09
5	17.26	15.66	16.49	17.62	15.57	16.68	16.14	13.20	14.93	16.62	14.58	15.71
6	17.02	15.13	16.18	17.96	15.82	16.95	16.31	13.77	15.13	17.34	15.20	16.42
7	17.31	14.77	16.20	17.59	15.88	16.76	16.09	13.50	14.97	17.29	15.43	16.45
8	17.48	15.44	16.56	17.34	15.33	16.44	16.25	13.46	14.98	17.25	15.50	16.40
9	17.57	15.49	16.57	17.86	15.63	16.83	15.97	13.44	14.97	16.65	14.59	15.65
10	17.46	15.43	16.59	17.52	15.75	16.67	16.35	13.49	15.16	15.96	14.02	15.09
11	17.37	15.44	16.44	16.76	15.00	15.91	16.51	14.70	15.73	16.37	14.52	15.42
12	16.96	14.67	15.96	16.79	14.97	15.88	16.44	14.36	15.43	16.48	14.67	15.61
13	16.86	14.61	15.90	16.59	14.88	15.77	15.80	14.13	15.02	16.31	14.34	15.44
14	17.17	15.29	16.20	16.40	14.85	15.73	15.65	12.98	14.63	16.69	14.06	15.38
15	16.73	15.07	16.03	16.61	14.76	15.60	15.43	13.29	14.50	15.82	13.94	15.15
16	16.63	14.95	15.98	15.90	14.01	15.09	15.49	13.72	14.80	15.66	13.18	14.55
17	16.61	14.92	15.77	16.24	14.08	15.18	15.87	13.43	14.82	16.36	13.13	15.03
18	16.55	14.81	15.76	16.83	14.86	15.99	15.53	12.81	14.34	15.93	13.51	14.85
19	16.51	14.76	15.65	16.76	14.68	15.66	16.11	12.57	14.84	16.61	13.29	15.22
20	16.55	14.68	15.62	16.45	14.29	15.38	16.74	13.62	15.55	---	---	---
21	17.33	14.93	16.26	16.33	13.88	15.35	16.83	14.52	15.58	16.80	13.93	15.55
22	17.45	15.72	16.69	16.62	13.90	15.49	16.36	13.37	15.12	16.83	14.25	15.66
23	17.35	15.47	16.58	16.64	14.09	15.52	16.69	14.05	15.58	17.12	14.61	16.00
24	17.22	15.36	16.34	16.46	14.02	15.33	16.68	14.22	15.50	16.82	14.01	15.49
25	17.53	15.03	16.44	16.57	13.36	15.33	16.68	14.08	15.57	15.98	13.62	15.01
26	17.59	15.24	16.59	16.65	14.32	15.60	17.10	15.16	16.19	15.57	13.32	14.54
27	17.61	15.57	16.70	16.60	14.62	15.63	16.74	14.85	16.00	15.83	13.91	15.12
28	17.72	15.67	16.76	16.55	14.45	15.58	16.91	15.07	16.20	15.76	13.83	14.98
29	17.70	16.01	16.95	16.33	14.51	15.56	16.58	13.59	15.53	16.11	13.74	15.20
30	17.65	15.99	16.89	16.56	14.39	15.68	15.78	13.49	14.91	16.39	14.33	15.53
31	17.52	15.80	16.69	---	---	---	16.44	14.20	15.51	16.57	14.77	15.65
MONTH	17.72	14.61	16.33	18.05	13.36	15.99	17.10	12.57	15.24	17.34	13.13	15.52
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	16.18	14.14	15.18	15.93	13.37	14.88	16.44	14.32	15.44	17.34	15.05	16.14
2	16.69	14.13	15.51	15.92	13.62	14.83	16.70	14.26	15.38	17.03	14.98	16.00
3	16.69	14.30	15.51	15.95	13.58	14.84	17.13	14.57	15.82	16.90	14.66	15.71
4	16.80	14.37	15.67	16.44	13.83	15.26	17.15	14.58	15.78	16.93	14.79	15.78
5	17.14	14.30	15.76	16.91	14.64	15.79	16.40	14.05	15.23	16.92	14.27	15.62
6	17.28	15.85	16.68	16.99	14.88	15.98	16.28	14.00	15.27	16.64	14.84	15.76
7	17.28	15.71	16.53	17.04	14.47	15.67	16.30	14.16	15.37	17.02	15.30	16.26
8	17.28	14.81	16.08	16.40	13.92	15.17	16.36	14.80	15.56	17.12	14.85	16.11
9	16.45	14.77	15.61	16.31	14.37	15.37	16.56	14.89	15.79	16.62	14.69	15.72
10	16.51	15.09	15.81	16.63	14.69	15.61	16.53	14.72	15.72	16.51	14.63	15.63
11	16.71	14.71	15.84	16.43	13.65	15.03	16.50	14.56	15.63	17.03	14.57	15.82
12	16.33	14.42	15.53	15.87	14.05	15.12	16.52	14.51	15.56	17.28	14.59	15.96
13	16.84	14.53	16.10	15.89	13.95	15.08	17.20	14.57	15.86	17.37	15.42	16.39
14	16.68	14.97	15.83	16.12	14.18	15.38	17.39	15.64	16.53	17.41	15.67	16.52
15	16.44	14.49	15.50	16.25	14.07	15.32	17.31	15.49	16.43	17.25	15.34	16.32
16	16.17	13.82	15.00	16.77	13.86	15.40	17.27	15.33	16.22	17.28	15.23	16.12
17	17.23	13.23	15.49	16.83	14.65	15.69	17.14	15.10	16.00	17.23	14.80	15.90
18	17.04	15.08	16.11	16.25	13.99	15.15	17.01	14.43	15.65	16.84	14.88	15.91
19	16.90	14.48	15.73	16.24	14.05	15.19	16.75	14.34	15.54	17.00	15.12	15.98
20	16.81	14.22	15.59	16.62	13.69	15.50	16.52	14.72	15.65	16.86	15.05	15.89
21	16.58	14.40	15.57	16.82	14.32	15.60	16.83	14.97	15.81	16.92	15.45	16.18
22	16.37	14.14	15.26	16.51	14.03	15.25	16.72	14.62	15.47	17.01	15.44	16.22
23	16.29	14.22	15.31	16.20	14.03	15.10	16.14	14.26	15.20	16.93	15.18	15.99
24	16.16	14.01	15.10	16.35	14.87	15.57	16.10	14.42	15.32	16.41	14.63	15.60
25	16.26	14.59	15.57	16.49	15.36	15.88	16.13	14.36	15.32	16.49	14.64	15.67
26	16.56	13.99	15.57	16.67	14.42	15.70	16.31	14.33	15.35	16.91	15.23	16.09
27	15.68	13.90	14.93	15.71	13.64	14.83	16.41	14.70	15.64	17.09	15.06	16.04
28	16.16	14.39	15.28	15.51	13.56	14.81	16.57	14.65	15.65	17.58	15.75	16.61
29	15.37	13.29	14.50	15.62	13.74	14.85	17.17	15.12	16.20	17.79	16.13	16.95
30	---	---	---	15.92	13.94	14.99	17.10	15.38	16.26	17.55	16.07	16.83
31	---	---	---	16.08	14.04	15.08	---	---	---	17.66	15.60	16.47
MONTH	17.28	13.23	15.59	17.04	13.37	15.29	17.39	14.00	15.69	17.79	14.27	16.07

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.44	15.35	16.34	17.64	15.26	16.35	16.65	14.44	15.67	16.81	14.22	15.76
2	17.34	14.77	16.10	17.26	14.71	15.95	16.92	14.60	15.90	16.96	14.07	15.76
3	17.18	14.86	16.06	17.42	15.27	16.45	16.95	14.86	15.94	16.70	14.26	15.65
4	17.30	15.66	16.47	17.40	15.54	16.56	16.72	14.19	15.64	16.41	13.65	15.26
5	17.37	14.99	16.23	17.22	15.15	16.29	16.54	13.98	15.58	16.38	13.77	15.23
6	17.08	15.06	16.24	16.92	14.70	16.03	16.87	14.18	15.67	16.52	14.07	15.38
7	17.30	15.34	16.43	16.80	14.32	15.76	17.36	15.08	16.10	16.98	14.48	15.62
8	17.02	15.11	16.20	16.42	14.15	15.44	17.25	14.82	16.13	17.17	14.94	15.94
9	17.05	14.66	15.95	16.55	14.35	15.49	17.02	15.01	16.00	16.89	15.25	15.98
10	17.20	14.72	16.06	16.55	14.12	15.34	17.04	14.96	15.84	16.89	15.11	15.92
11	17.33	15.31	16.33	16.85	14.59	15.59	16.77	14.44	15.61	16.92	15.13	16.11
12	18.27	15.99	17.03	16.75	14.80	15.64	16.39	14.37	15.37	17.25	15.07	16.21
13	18.32	16.68	17.47	16.76	14.59	15.57	16.44	14.35	15.34	17.25	15.64	16.42
14	18.16	16.54	17.30	16.54	14.05	15.31	16.85	14.51	15.71	17.57	15.62	16.74
15	17.90	16.30	16.99	16.47	14.17	15.33	16.87	14.81	15.78	17.62	16.17	16.88
16	17.72	15.51	16.55	16.42	14.20	15.31	16.83	14.97	15.99	17.34	15.75	16.67
17	17.41	15.32	16.28	16.42	14.49	15.46	17.44	15.99	16.84	17.17	15.22	16.16
18	17.13	14.91	16.06	16.61	14.74	15.70	17.55	15.96	16.92	16.83	14.49	15.84
19	16.91	15.17	16.17	16.69	14.85	15.79	17.63	15.71	16.85	16.78	14.28	15.76
20	17.20	15.48	16.36	16.81	14.67	15.83	17.28	15.61	16.54	16.99	14.66	15.93
21	16.88	15.08	16.05	16.76	14.66	15.98	17.31	15.12	16.37	17.27	15.10	16.28
22	16.84	15.05	16.09	17.03	14.75	16.14	17.28	15.32	16.48	17.79	15.53	16.60
23	17.41	15.36	16.48	16.83	14.53	15.92	17.31	15.08	16.34	17.57	15.60	16.67
24	17.48	15.34	16.51	16.51	14.41	15.68	17.50	15.18	16.32	17.96	15.98	16.92
25	16.78	14.75	15.98	17.20	14.34	15.76	17.25	14.99	16.20	18.17	16.34	17.25
26	16.76	14.23	15.58	17.58	14.86	16.14	17.32	14.81	16.05	17.92	16.38	17.15
27	16.91	14.24	15.59	17.08	14.89	16.17	17.03	14.67	15.93	17.95	16.17	17.21
28	17.13	14.68	15.84	16.76	13.99	15.49	16.86	15.00	15.96	17.88	16.16	17.05
29	17.60	15.40	16.35	17.05	14.76	15.78	16.78	14.49	15.70	17.57	15.76	16.74
30	17.62	15.90	16.64	17.05	15.07	16.00	16.86	14.56	15.90	17.54	15.82	16.81
31	---	---	---	17.07	14.49	15.76	16.87	14.70	15.91	---	---	---
MONTH	18.32	14.23	16.32	17.64	13.99	15.81	17.63	13.98	16.02	18.17	13.65	16.26
YEAR	18.32	12.57	15.84									

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

WATER-QUALITY RECORDS

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 Rd 9.

PERIOD OF RECORD.--Water years 1981 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1980 to current year.

pH: February 1981 to current year.

WATER TEMPERATURE: February 1981 to current year.

DISSOLVED OXYGEN: February 1981 to current year.

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, 609 microsiemens, Oct. 21; minimum, 57 microsiemens, June 14.

pH: Maximum, 8.0 units, Mar. 25; 6.0 units, Aug. 18, 19.

WATER TEMPERATURE: Maximum, 31.0°C, July 30, 31, Aug. 1; minimum, 8.0°C, Jan. 22.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Feb. 22; minimum, 2.2 mg/L, July 22, 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	183	97	124	129	98	109	123	101	109	116	103	108
2	224	100	135	173	97	128	130	97	111	129	105	115
3	221	106	151	115	98	107	112	98	104	190	110	137
4	153	87	111	109	94	102	105	98	100	147	108	120
5	101	90	95	102	93	97	106	98	100	138	108	119
6	102	93	97	96	92	94	110	100	103	130	104	120
7	128	93	105	97	93	94	124	101	108	120	104	109
8	99	90	96	101	94	97	106	99	103	114	104	109
9	100	91	96	98	93	95	112	99	104	120	111	115
10	106	92	98	98	91	95	104	98	101	123	112	118
11	100	91	95	101	93	98	101	97	99	118	112	115
12	99	92	96	107	95	99	101	97	99	115	110	112
13	98	91	94	110	96	102	105	98	101	118	112	115
14	95	90	92	104	96	100	105	100	103	143	112	125
15	96	89	92	99	93	96	111	102	106	143	114	121
16	94	90	91	98	93	96	110	101	106	131	114	122
17	103	90	95	101	94	97	122	101	108	129	118	123
18	106	96	99	103	95	99	126	101	112	130	116	123
19	151	97	110	113	95	101	163	106	124	---	---	---
20	305	108	141	137	98	108	118	102	111	---	---	---
21	609	157	297	157	101	119	134	101	112	---	---	---
22	306	111	196	177	102	126	170	105	131	165	128	148
23	213	96	155	145	100	115	342	129	209	197	131	158
24	153	101	122	143	98	113	201	125	165	150	112	134
25	143	101	123	107	95	101	282	129	191	142	110	116
26	130	94	116	110	95	99	206	112	141	121	110	114
27	121	93	107	111	97	102	125	103	112	118	112	114
28	114	96	103	107	97	102	111	100	103	117	112	114
29	106	94	100	129	100	111	111	102	105	120	112	116
30	106	93	98	125	99	107	119	103	110	125	114	118
31	113	94	100	---	---	---	117	105	110	118	112	116
MONTH	609	87	117	177	91	104	342	97	116	197	103	120

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	119	112	115	134	131	132	154	133	141	152	115	129
2	117	114	115	139	133	135	148	129	136	121	114	117
3	118	113	115	158	136	141	133	126	130	122	112	118
4	118	114	116	163	138	147	131	126	128	119	113	116
5	119	114	116	152	136	145	131	126	129	126	115	119
6	117	113	116	144	133	138	140	125	131	140	117	125
7	121	115	118	144	133	137	151	129	137	176	121	136
8	124	116	119	151	134	140	166	130	144	163	120	132
9	122	117	119	145	135	139	138	129	133	134	119	126
10	122	118	121	145	135	139	136	127	131	137	117	127
11	126	120	123	149	135	141	137	131	134	136	115	123
12	129	122	125	149	134	138	139	128	133	127	113	119
13	162	123	138	145	134	138	166	129	136	125	114	118
14	150	122	130	144	134	137	166	134	144	125	114	118
15	133	123	127	154	134	138	153	132	142	124	112	119
16	136	124	128	144	135	139	144	127	138	126	111	118
17	170	126	141	143	136	139	144	127	134	123	110	115
18	152	126	133	154	136	144	145	125	133	119	110	115
19	154	129	134	165	137	150	134	125	129	114	110	113
20	139	126	132	146	133	141	142	123	133	115	110	112
21	130	126	128	140	134	137	130	120	127	122	110	116
22	132	127	130	148	137	141	133	120	126	127	112	119
23	134	129	131	167	138	150	131	119	123	122	111	116
24	135	128	132	173	138	153	126	118	120	125	111	117
25	143	130	135	146	130	135	122	117	119	133	113	121
26	134	130	131	135	129	132	125	118	121	139	116	125
27	134	129	131	136	122	130	124	117	120	131	114	122
28	133	130	131	131	119	127	143	118	125	129	110	119
29	135	130	132	137	120	130	171	121	133	117	108	112
30	---	---	---	134	125	130	174	121	139	117	107	111
31	---	---	---	146	129	134	---	---	---	118	107	112
MONTH	170	112	126	173	119	139	174	117	132	176	107	120
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	109	99	105	122	105	112	311	135	200	117	109	113
2	109	99	105	114	106	109	292	140	207	117	105	110
3	112	106	109	112	107	109	220	128	169	113	105	108
4	120	110	114	111	107	108	195	122	157	111	106	108
5	119	109	113	110	105	107	182	116	145	110	104	108
6	138	112	121	108	106	106	145	113	127	108	102	106
7	121	109	113	108	106	107	126	106	114	107	91	101
8	114	109	112	113	106	109	109	104	107	103	84	96
9	117	109	112	112	109	111	108	105	106	102	85	95
10	113	106	110	115	108	111	108	105	107	101	90	97
11	115	101	107	112	109	110	109	105	108	102	94	99
12	115	91	104	111	109	110	112	108	109	102	94	98
13	103	68	84	112	109	110	120	109	112	101	94	98
14	99	57	77	114	108	111	127	109	118	104	95	100
15	97	65	80	114	110	111	113	106	110	102	99	101
16	98	70	84	114	111	113	112	105	108	103	99	101
17	97	84	91	121	111	114	106	73	92	105	101	102
18	98	87	91	120	112	114	85	62	73	108	102	105
19	104	92	97	117	110	114	90	59	75	110	104	107
20	105	93	100	119	107	112	89	65	77	115	104	109
21	105	97	102	112	89	106	85	70	78	113	107	110
22	106	102	104	109	82	100	93	74	83	114	105	110
23	107	102	105	111	95	105	93	81	87	113	105	109
24	108	105	106	114	108	110	99	85	91	120	107	111
25	108	103	106	114	110	112	100	93	96	143	108	118
26	110	105	107	115	109	112	100	96	98	131	108	115
27	112	105	109	114	110	111	104	97	100	147	106	123
28	136	110	113	118	109	112	107	102	104	125	107	117
29	137	111	122	151	111	116	118	103	106	122	107	115
30	130	109	119	175	120	144	137	105	115	133	106	117
31	---	---	---	208	131	155	130	108	114	---	---	---
MONTH	138	57	104	208	82	113	311	59	113	147	84	107
YEAR	609	57	117									

pH (UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	23.0	23.0	19.5	19.0	19.0	15.0	13.5	14.0	11.0	10.5	11.0
2	23.5	23.0	23.0	20.0	19.0	19.5	15.5	14.0	15.0	11.0	11.0	11.0
3	23.0	22.5	22.5	19.5	19.0	19.0	16.5	14.5	15.5	11.5	11.0	11.0
4	23.0	22.5	22.5	19.0	18.0	18.0	16.0	13.5	15.0	11.0	10.5	11.0
5	23.5	22.5	23.0	18.0	17.0	17.5	13.5	12.5	13.0	11.5	10.5	11.0
6	23.5	23.0	23.5	17.0	16.0	16.5	13.0	12.0	12.5	11.5	11.0	11.5
7	23.0	21.5	22.5	16.5	15.5	16.5	13.0	12.0	12.5	11.5	11.0	11.0
8	21.5	21.0	21.0	16.5	15.0	15.5	13.0	12.0	12.5	11.0	10.5	11.0
9	21.0	20.5	21.0	15.5	13.5	14.5	14.0	13.0	13.0	11.5	11.0	11.0
10	21.5	20.5	21.0	14.5	12.5	13.5	14.0	14.0	14.0	11.5	11.0	11.5
11	21.5	20.5	21.0	13.0	12.0	12.5	14.0	13.5	13.5	11.0	10.5	11.0
12	21.5	20.5	21.0	13.0	12.5	13.0	13.5	13.0	13.5	10.5	10.5	10.5
13	21.5	20.5	21.0	13.0	12.5	13.0	14.0	13.5	14.0	11.5	10.5	11.0
14	21.5	20.5	21.0	13.5	12.5	13.0	14.5	14.0	14.5	12.5	11.5	12.0
15	21.5	20.5	21.0	13.5	13.0	13.5	14.5	13.5	14.0	12.0	10.5	11.0
16	21.0	20.5	21.0	14.0	13.5	14.0	13.5	12.5	13.0	11.0	9.5	10.0
17	20.5	20.0	20.0	14.5	14.0	14.0	12.5	12.0	12.5	9.5	9.0	9.0
18	20.5	19.5	20.0	14.5	13.5	14.0	12.5	11.5	12.0	9.5	8.5	9.0
19	20.5	19.5	20.0	15.0	13.5	14.0	11.5	11.0	11.0	---	---	---
20	20.5	19.5	20.0	15.0	14.5	14.5	11.0	10.0	10.5	---	---	---
21	20.5	19.5	20.0	16.0	15.0	15.5	11.0	10.0	10.5	---	---	---
22	20.0	19.5	20.0	16.5	15.0	15.5	11.5	10.5	11.0	8.5	8.0	8.5
23	20.5	20.0	20.0	16.0	15.0	15.5	12.0	11.0	11.5	9.5	8.5	9.0
24	21.0	20.0	20.5	15.5	14.5	15.5	12.5	12.0	12.5	9.5	9.0	9.5
25	21.0	20.5	21.0	14.5	13.5	14.0	12.5	12.0	12.5	9.5	8.5	9.0
26	21.0	20.0	20.5	14.0	13.0	13.5	12.5	11.5	11.5	9.0	8.5	8.5
27	21.0	20.0	20.5	13.0	12.0	12.5	11.5	11.0	11.0	9.0	8.5	9.0
28	21.0	20.0	20.5	12.5	12.0	12.5	11.0	11.0	11.0	9.5	9.0	9.0
29	20.5	20.0	20.5	13.0	12.5	12.5	11.5	11.0	11.5	9.5	9.5	9.5
30	20.0	19.0	19.5	14.0	13.0	13.5	11.5	11.0	11.0	9.5	9.5	9.5
31	19.5	19.0	19.0	---	---	---	11.5	11.0	11.0	10.5	9.5	10.0
MONTH	23.5	19.0	21.0	20.0	12.0	14.8	16.5	10.0	12.6	12.5	8.0	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	9.5	10.0	14.5	13.0	13.5	15.5	14.5	15.0	20.5	19.0	19.5
2	10.0	9.0	9.5	15.0	13.5	14.0	15.5	14.5	15.0	21.0	19.5	20.5
3	10.0	9.0	9.5	15.5	14.0	15.0	15.0	14.0	14.5	22.0	20.5	21.0
4	10.5	9.5	10.0	16.0	15.0	15.5	15.0	14.0	14.5	21.5	20.5	21.0
5	10.5	10.0	10.0	16.0	14.5	15.5	15.0	14.0	14.5	22.0	21.0	21.5
6	10.0	9.0	9.5	15.0	14.0	15.0	15.0	14.0	14.5	21.5	20.5	21.0
7	9.0	8.5	8.5	17.0	14.0	15.0	15.5	15.0	15.0	20.5	18.5	19.5
8	9.5	8.5	9.0	17.5	14.5	16.0	16.5	15.0	16.0	18.5	18.0	18.5
9	9.5	8.5	9.0	17.0	15.5	16.0	16.5	15.5	16.0	19.0	18.0	18.5
10	9.0	9.0	9.0	17.0	15.5	16.5	17.0	15.5	16.5	20.5	19.0	19.5
11	9.0	8.5	9.0	17.0	15.0	15.5	17.0	16.0	16.5	21.5	20.0	21.0
12	9.5	9.0	9.0	15.5	13.5	14.0	18.0	16.5	17.0	22.0	20.5	21.0
13	9.5	9.0	9.5	14.5	13.5	14.0	18.5	16.5	17.5	21.5	20.5	21.0
14	10.0	9.5	9.5	14.5	13.5	14.0	18.0	16.5	17.5	22.5	20.5	21.5
15	11.0	9.5	10.5	14.5	13.5	14.0	18.5	16.5	17.5	23.5	21.5	22.0
16	12.0	10.5	11.5	14.0	13.0	13.5	19.5	17.0	18.0	23.5	20.5	22.0
17	12.0	11.0	11.5	14.0	12.5	13.0	20.0	17.5	18.5	23.0	20.5	21.5
18	12.0	10.5	11.5	14.0	13.0	13.5	20.0	17.5	18.5	23.0	21.5	22.0
19	13.0	11.0	12.0	15.5	14.0	14.5	19.0	18.0	18.5	23.0	22.0	22.5
20	12.5	11.5	12.0	15.0	13.0	14.5	19.0	17.5	18.5	23.0	22.0	22.5
21	12.0	11.5	11.5	14.0	13.0	13.5	18.5	17.0	18.5	23.5	22.5	23.0
22	12.0	11.0	11.5	14.5	13.5	14.0	20.5	17.0	18.5	23.5	22.5	23.0
23	13.0	11.5	12.0	14.5	14.0	14.5	20.5	18.0	19.0	23.5	22.5	23.0
24	14.0	12.5	13.0	14.0	13.5	14.0	20.5	19.0	20.0	24.0	23.0	23.5
25	14.0	13.0	13.5	14.0	13.5	13.5	21.5	20.0	20.5	24.5	23.5	24.0
26	15.0	12.0	13.0	14.5	13.5	14.0	21.0	19.5	20.0	25.0	24.0	24.5
27	15.0	12.5	13.5	15.5	14.0	14.5	20.0	19.0	19.5	24.5	23.0	24.0
28	14.0	12.5	13.0	15.0	14.0	14.5	19.0	18.5	19.0	23.5	22.0	23.0
29	14.5	12.5	13.5	15.0	14.0	14.5	19.5	18.0	18.5	23.5	22.0	22.5
30	---	---	---	15.0	14.5	14.5	19.5	18.5	19.0	23.5	22.5	23.0
31	---	---	---	15.5	14.5	15.0	---	---	---	24.0	22.5	23.0
MONTH	15.0	8.5	10.8	17.5	12.5	14.5	21.5	14.0	17.4	25.0	18.0	21.7

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.5	22.5	23.0	27.5	26.5	27.0	31.0	30.0	30.5	28.5	27.5	28.0
2	24.0	22.5	23.5	27.0	26.5	27.0	30.5	30.0	30.5	28.0	27.5	28.0
3	24.0	23.5	23.5	27.5	26.5	27.0	30.0	29.5	29.5	28.0	27.5	27.5
4	24.5	23.5	24.0	28.0	27.0	27.5	30.0	29.0	29.5	27.5	27.5	27.5
5	24.5	23.5	24.0	28.5	27.5	28.0	29.5	28.5	29.0	27.5	27.0	27.0
6	25.5	24.5	25.0	28.0	27.5	28.0	29.5	28.5	29.0	27.0	26.0	26.5
7	25.5	24.5	25.0	28.5	27.5	28.0	29.0	28.0	28.5	26.5	25.5	26.0
8	26.0	25.0	25.5	29.0	28.0	28.5	29.0	28.0	28.5	27.0	25.5	26.0
9	26.0	25.5	25.5	29.5	28.5	29.0	29.5	28.5	29.0	27.0	26.0	26.5
10	26.0	25.0	25.5	30.0	28.5	29.0	29.5	28.5	29.0	27.0	26.5	26.5
11	25.5	25.0	25.5	30.0	29.0	29.5	30.0	29.0	29.5	27.5	26.0	27.0
12	25.5	23.5	24.5	30.5	29.0	29.5	30.0	29.0	29.5	27.5	26.0	27.0
13	24.0	22.0	23.0	30.5	29.0	29.5	30.0	29.0	29.5	27.0	26.0	26.5
14	24.0	22.0	23.0	30.0	28.5	29.5	29.5	28.5	29.0	26.5	25.0	26.0
15	25.0	23.0	24.0	30.5	29.5	30.0	28.5	28.0	28.0	26.0	25.5	25.5
16	25.0	24.0	24.5	30.0	29.5	29.5	28.0	27.0	27.5	26.0	25.0	25.5
17	25.5	24.5	25.0	29.5	29.0	29.5	28.0	25.5	26.5	26.0	25.5	26.0
18	25.5	24.5	25.0	29.5	28.5	29.0	26.5	24.5	25.5	26.5	25.5	26.0
19	26.0	25.0	25.5	29.5	28.5	29.0	27.5	25.0	26.5	26.0	26.0	26.0
20	26.0	25.0	25.5	29.5	28.0	29.0	27.5	25.5	26.5	26.0	25.5	26.0
21	26.5	25.5	26.0	29.0	27.0	28.0	27.0	26.0	26.5	26.5	26.0	26.0
22	26.0	25.5	26.0	29.0	26.5	28.0	27.5	26.0	27.0	27.0	26.0	26.5
23	25.5	25.0	25.5	29.0	27.5	28.5	27.5	26.5	27.0	27.5	26.5	26.5
24	26.0	25.5	26.0	29.5	28.5	29.0	27.5	27.0	27.0	26.5	25.5	26.0
25	27.0	25.5	26.5	29.5	29.0	29.0	27.5	27.0	27.5	25.5	24.0	24.5
26	27.5	26.5	27.0	30.0	29.0	29.5	28.0	27.0	27.5	24.0	23.5	24.0
27	27.5	26.5	27.0	30.5	29.5	30.0	28.0	27.5	27.5	25.0	23.5	24.5
28	28.0	26.5	27.0	30.5	29.5	30.0	28.0	27.5	27.5	25.0	24.5	25.0
29	28.0	27.0	27.5	30.5	30.0	30.0	28.0	27.5	27.5	24.5	24.0	24.5
30	27.5	26.5	27.0	31.0	30.0	30.5	28.0	27.0	27.5	24.0	23.0	23.5
31	---	---	---	31.0	30.0	30.5	28.0	27.5	28.0	---	---	---
MONTH YEAR	28.0 31.0	22.0 8.0	25.2 19.4	31.0	26.5	28.9	31.0	24.5	28.1	28.5	23.0	26.1

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.8	5.9	6.5	7.4	6.6	7.1	---	---	---	10.5	9.8	10.2
2	6.6	5.7	6.1	7.7	6.6	7.0	---	---	---	10.3	9.9	10.1
3	5.9	5.4	5.7	7.4	6.2	6.9	---	---	---	10.4	9.6	9.9
4	7.2	5.4	6.0	7.9	6.0	7.1	---	---	---	10.3	9.1	9.9
5	6.7	6.0	6.4	8.3	6.9	7.8	---	---	---	10.5	9.0	10.0
6	6.5	5.7	6.2	8.4	7.6	8.0	---	---	---	10.6	9.8	10.1
7	7.0	5.8	6.5	8.4	7.5	8.1	9.8	9.1	9.6	10.7	9.5	10.2
8	7.5	6.2	6.9	8.6	7.1	8.1	9.8	9.2	9.5	11.1	9.8	10.6
9	7.6	6.7	7.2	8.5	7.8	8.3	9.8	9.2	9.5	11.2	9.9	10.7
10	7.4	6.4	7.2	8.6	7.7	8.3	9.5	9.0	9.3	10.8	9.6	10.4
11	7.5	6.4	7.2	8.7	7.3	8.2	9.5	8.9	9.3	10.8	9.8	10.3
12	7.4	6.0	7.0	8.8	8.1	8.5	9.5	8.8	9.3	11.1	10.6	11.0
13	7.4	6.5	7.2	8.7	8.2	8.5	9.4	9.0	9.2	10.9	10.2	10.7
14	7.4	6.9	7.2	8.8	8.4	8.6	9.1	8.5	8.9	10.4	9.5	10.1
15	7.6	6.6	7.3	9.4	8.4	8.9	9.1	8.5	8.8	10.6	9.3	10.2
16	7.4	6.9	7.2	9.1	8.5	8.9	9.6	8.7	9.0	10.9	9.5	10.4
17	7.8	6.8	7.4	9.0	8.5	8.7	9.8	9.1	9.5	11.1	10.5	10.8
18	7.6	7.2	7.4	9.0	8.4	8.7	10.0	9.2	9.7	11.2	10.5	10.9
19	7.7	6.9	7.4	8.9	8.2	8.6	10.3	9.7	9.9	---	---	---
20	7.8	7.0	7.5	---	---	---	10.7	9.9	10.3	---	---	---
21	8.0	7.3	7.6	---	---	---	10.6	10.2	10.4	---	---	---
22	8.2	7.0	7.6	---	---	---	10.5	9.7	10.2	11.4	10.5	11.1
23	8.2	6.4	7.6	---	---	---	10.3	9.8	10.0	11.4	10.3	10.9
24	8.0	6.5	7.5	---	---	---	10.1	9.4	9.8	11.1	8.7	10.0
25	7.9	6.4	7.4	---	---	---	10.0	9.4	9.8	10.1	8.7	9.6
26	7.9	6.4	7.3	---	---	---	10.0	9.6	9.8	10.0	9.3	9.7
27	7.9	6.4	7.3	---	---	---	10.2	9.3	9.8	9.9	9.3	9.6
28	7.7	6.4	7.2	---	---	---	10.3	9.6	10.0	9.6	9.2	9.4
29	8.1	7.0	7.5	---	---	---	9.9	9.3	9.7	9.6	9.0	9.4
30	7.9	6.9	7.5	---	---	---	10.0	8.6	9.6	9.6	9.1	9.4
31	7.6	6.7	7.3	---	---	---	10.2	9.5	9.8	10.2	9.0	9.6
MONTH	8.2	5.4	7.1	9.4	6.0	8.1	10.7	8.5	9.6	11.4	8.7	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	9.3	10.0	10.6	9.9	10.2	9.7	8.6	9.0	9.1	7.4	8.2
2	10.5	9.7	10.2	10.4	9.6	10.0	10.0	8.6	9.4	9.1	7.2	8.3
3	10.7	9.8	10.4	10.4	9.4	9.9	10.0	9.0	9.6	8.8	7.0	8.2
4	10.7	9.9	10.4	10.4	9.4	9.8	9.7	8.6	9.1	9.0	7.1	8.1
5	10.5	9.9	10.3	10.5	9.3	9.7	---	---	---	8.8	6.8	8.0
6	10.3	9.9	10.1	10.2	9.1	9.7	---	---	---	8.9	7.2	7.9
7	10.5	9.8	10.2	9.9	8.3	9.1	---	---	---	8.3	7.1	7.6
8	10.6	9.9	10.3	9.9	7.5	8.8	---	---	---	8.0	6.8	7.4
9	10.7	10.0	10.5	9.9	8.2	9.2	---	---	---	8.7	6.7	7.9
10	10.7	10.4	10.5	9.9	8.2	9.1	---	---	---	8.8	6.7	8.1
11	10.7	10.2	10.6	9.3	8.3	8.9	---	---	---	9.0	6.8	8.2
12	10.9	10.2	10.6	10.2	8.8	9.6	---	---	---	9.2	6.9	8.2
13	11.1	10.3	10.6	10.4	8.9	9.8	---	---	---	8.4	7.0	7.9
14	11.2	10.2	10.8	10.7	9.3	10.1	---	---	---	8.7	6.8	7.6
15	11.0	10.2	10.7	10.5	9.3	10.0	---	---	---	8.6	6.0	7.4
16	10.7	10.0	10.4	10.7	9.4	10.1	---	---	---	8.1	6.0	7.1
17	10.5	9.9	10.3	10.9	9.9	10.4	---	---	---	8.5	5.9	7.2
18	10.2	9.4	9.9	10.6	9.5	10.2	---	---	---	8.5	6.8	7.9
19	10.3	8.7	9.6	10.5	9.6	10.1	---	---	---	8.7	7.1	8.0
20	11.4	9.1	10.0	10.4	9.3	9.8	---	---	---	8.9	7.3	8.2
21	11.4	9.8	10.7	10.9	9.6	10.2	---	---	---	9.0	7.4	8.3
22	11.5	10.1	10.8	10.8	10.0	10.4	---	---	---	8.9	7.0	8.2
23	11.0	9.7	10.5	10.6	9.9	10.1	8.4	5.8	7.3	8.6	6.2	8.1
24	10.5	9.1	9.9	10.4	9.6	10.1	8.3	6.5	7.4	8.4	7.6	8.1
25	10.1	9.2	9.7	10.9	10.2	10.6	7.8	6.5	7.3	8.2	4.9	7.6
26	10.6	8.5	9.9	10.5	9.3	10.1	8.1	6.2	7.4	7.8	6.1	7.1
27	10.6	8.4	9.9	10.3	8.5	9.6	8.1	6.9	7.6	7.2	5.7	6.6
28	10.8	9.6	10.3	10.5	8.3	9.7	8.3	6.9	7.6	8.0	6.0	6.7
29	10.7	9.5	10.3	10.2	8.9	9.7	8.6	7.1	8.0	7.4	5.8	6.9
30	---	---	---	9.8	9.1	9.5	8.8	7.1	7.9	7.2	4.7	6.1
31	---	---	---	9.4	8.7	9.1	---	---	---	7.6	3.4	5.4
MONTH	11.5	8.4	10.3	10.9	7.5	9.8	10.0	5.8	8.1	9.2	3.4	7.6

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27'', long 79°56'11'', Berkeley County, Hydrologic Unit 03050201, on right bank, 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Data collection platform. Datum of gage is 14.34 feet below National Geodetic Vertical Datum of 1929 (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, 20.70 ft, Jan. 25, 1990; minimum, 7.08 ft, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.15 ft, June 12; minimum, 11.63 ft, Dec. 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	17.86	14.18	16.20	18.72	15.70	17.30	17.29	13.20	15.44	17.78	14.61	16.14
2	18.24	14.79	16.70	18.85	15.80	17.58	17.33	13.20	15.62	17.92	14.38	16.38
3	17.75	14.23	16.39	18.47	15.44	17.07	17.41	13.35	15.57	18.21	14.62	16.62
4	18.50	14.69	16.66	18.32	14.90	16.74	16.69	12.46	14.76	17.79	14.47	16.13
5	18.13	14.59	16.53	18.53	14.71	16.80	17.24	12.48	15.22	17.51	13.96	15.97
6	17.89	14.17	16.26	18.91	15.09	17.08	17.49	13.04	15.34	18.23	14.62	16.58
7	18.28	13.87	16.40	18.57	15.01	16.83	17.09	12.91	15.15	18.25	14.72	16.53
8	18.49	14.60	16.69	18.28	14.60	16.59	17.22	12.82	15.08	18.16	14.76	16.40
9	18.52	14.61	16.71	18.85	15.26	17.02	17.05	12.98	15.14	17.33	13.92	15.74
10	18.35	14.60	16.68	18.41	15.23	16.75	17.26	12.96	15.29	16.84	13.36	15.17
11	18.13	14.77	16.49	17.60	14.55	16.06	17.42	14.21	15.85	17.22	13.87	15.54
12	17.73	14.18	16.06	17.70	14.39	16.09	17.22	13.97	15.56	17.23	14.10	15.71
13	17.84	14.25	16.08	17.42	14.34	15.96	16.61	13.53	15.21	17.22	13.91	15.67
14	17.87	14.73	16.31	17.05	14.37	15.79	16.40	12.64	14.78	17.63	12.74	15.34
15	17.56	14.77	16.19	17.18	14.14	15.65	16.33	12.97	14.77	16.68	13.02	15.25
16	17.32	14.54	16.08	16.58	13.36	15.18	16.37	12.84	14.86	16.53	12.41	14.67
17	17.32	14.58	16.03	16.96	13.76	15.52	16.76	12.00	15.00	17.26	12.26	15.19
18	17.26	14.29	15.96	17.51	14.09	16.10	16.46	12.00	14.58	17.08	12.23	15.07
19	17.33	14.29	15.91	17.51	13.87	15.81	17.07	11.63	15.13	17.55	12.26	15.51
20	17.55	14.11	15.98	17.48	13.50	15.55	17.66	12.94	15.71	---	---	---
21	18.05	14.52	16.55	17.47	12.94	15.49	17.77	13.39	15.64	17.92	12.66	15.53
22	18.19	14.81	16.66	17.70	13.00	15.62	17.64	12.24	15.41	17.74	12.96	15.54
23	18.08	14.34	16.54	17.71	12.97	15.63	17.90	13.22	15.79	18.03	13.50	15.88
24	18.08	14.30	16.38	17.52	12.95	15.32	17.46	13.23	15.51	17.42	12.13	15.00
25	18.32	14.17	16.49	17.69	12.31	15.39	17.86	13.27	15.73	16.81	13.02	14.98
26	18.46	14.36	16.65	17.65	13.19	15.69	17.99	14.31	16.22	16.49	12.63	14.72
27	18.46	14.63	16.75	17.58	13.57	15.73	17.45	13.81	15.91	16.93	13.32	15.34
28	18.60	14.70	16.86	17.51	13.68	15.71	17.67	14.34	16.27	16.80	13.35	15.19
29	18.59	15.30	17.12	17.24	13.86	15.72	17.41	12.84	15.50	17.13	13.64	15.57
30	18.51	15.15	16.94	17.47	13.40	15.73	16.77	13.25	15.13	17.26	13.86	15.84
31	---	---	---	---	---	---	17.25	13.36	15.81	17.45	14.20	15.77
MONTH	18.60	13.87	16.44	18.91	12.31	16.12	17.99	11.63	15.39	18.25	12.13	15.63

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	16.87	13.37	15.42	16.83	12.89	15.23	17.36	13.91	15.73	18.24	14.16	16.27
2	17.59	13.62	15.80	16.76	13.06	15.07	17.62	13.51	15.56	17.81	14.06	16.06
3	17.60	13.62	15.71	16.99	13.01	15.13	17.92	13.93	16.05	17.94	13.56	15.71
4	17.91	13.92	15.92	17.46	13.20	15.56	17.42	13.87	15.91	17.84	13.83	15.80
5	18.26	13.69	16.03	17.78	14.01	16.01	17.36	13.30	15.44	17.84	13.20	15.67
6	18.35	15.37	16.97	17.75	14.15	16.02	17.37	13.27	15.44	17.64	14.02	15.92
7	18.27	15.05	16.76	17.55	13.50	15.57	17.37	13.46	15.58	17.98	14.58	16.36
8	18.29	14.10	16.12	17.20	12.91	15.14	17.43	13.91	15.69	18.01	13.70	16.08
9	17.41	14.30	15.84	17.27	13.67	15.45	17.51	14.07	15.87	17.49	13.81	15.75
10	17.46	14.52	16.10	17.46	13.72	15.66	17.47	13.99	15.78	17.31	13.70	15.69
11	17.68	14.13	16.03	17.38	12.54	14.83	17.35	13.83	15.72	17.89	13.70	15.94
12	17.29	14.19	15.76	16.67	13.44	15.16	17.29	13.71	15.70	18.23	13.65	16.14
13	17.76	14.18	16.32	16.67	13.27	15.05	18.06	13.71	16.27	18.17	14.46	16.58
14	17.48	13.57	15.83	16.94	13.16	15.52	18.15	14.71	16.67	18.27	14.71	16.62
15	17.53	13.50	15.73	17.18	13.16	15.50	18.18	14.39	16.44	18.10	14.19	16.29
16	17.35	12.92	15.26	17.48	12.58	15.53	18.14	13.77	16.13	18.19	13.86	16.02
17	18.27	12.07	15.88	17.64	13.41	15.71	17.86	13.63	15.86	17.80	14.02	15.96
18	17.93	13.93	16.20	17.37	12.60	15.19	17.79	13.29	15.62	17.95	14.15	16.07
19	17.81	13.38	15.78	17.10	12.66	15.21	17.67	13.53	15.64	17.95	14.52	16.08
20	17.67	12.91	15.54	17.80	12.57	15.57	17.68	13.90	15.77	17.79	14.57	16.16
21	17.63	13.25	15.53	17.80	13.37	15.70	17.79	14.27	15.88	17.86	15.08	16.49
22	17.34	13.22	15.34	17.52	13.30	15.45	17.46	13.80	15.43	17.91	15.07	16.45
23	17.20	13.57	15.46	17.26	13.35	15.34	16.88	13.69	15.22	17.70	14.65	16.16
24	17.10	13.59	15.34	17.43	14.19	15.77	16.81	13.83	15.39	17.25	14.16	15.83
25	17.01	14.02	15.77	17.31	14.63	15.97	16.73	13.82	15.38	17.37	14.26	16.00
26	17.35	13.22	15.50	17.26	13.80	15.62	17.07	14.34	15.62	17.81	14.75	16.35
27	16.37	13.44	15.17	16.40	12.82	14.82	17.19	14.30	15.86	17.90	14.63	16.38
28	16.86	13.43	15.43	16.26	13.34	15.03	17.24	14.17	15.89	18.38	15.06	16.83
29	16.18	12.57	14.63	16.46	13.34	15.14	18.06	14.71	16.49	18.53	15.14	16.99
30	---	---	---	16.79	13.63	15.36	17.92	14.54	16.46	18.17	14.70	16.66
31	---	---	---	16.92	13.34	15.38	---	---	---	18.49	14.30	16.34
MONTH	18.35	12.07	15.76	17.80	12.54	15.41	18.18	13.27	15.82	18.53	13.20	16.18
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.36	14.20	16.33	18.32	13.83	16.34	17.68	12.97	15.63	17.41	13.15	15.62
2	18.31	13.86	16.17	18.34	13.25	15.94	17.79	13.41	15.91	17.71	13.31	15.75
3	18.41	14.02	16.22	18.34	14.35	16.58	17.71	13.76	15.87	17.46	13.61	15.68
4	18.41	14.57	16.59	18.39	14.63	16.55	17.35	13.33	15.57	17.23	13.00	15.36
5	18.41	14.10	16.29	18.02	14.16	16.25	17.40	13.00	15.54	17.17	13.23	15.38
6	17.83	14.19	16.32	17.70	13.85	16.01	17.62	13.49	15.73	---	---	---
7	18.01	14.52	16.48	17.67	13.59	15.87	18.05	14.18	16.15	17.77	13.72	15.82
8	17.85	14.26	16.25	17.54	13.49	15.72	17.92	14.04	16.13	17.94	14.07	16.01
9	17.84	13.86	16.10	17.64	13.41	15.67	17.81	13.91	15.98	17.64	14.33	16.03
10	---	---	---	17.51	13.20	15.50	17.78	13.86	15.85	17.73	14.27	16.05
11	18.37	14.68	16.67	17.86	13.53	15.70	17.60	13.52	15.63	17.67	14.36	16.10
12	19.15	15.34	17.15	17.65	13.60	15.67	17.26	13.50	15.44	17.96	14.14	16.23
13	19.03	15.56	17.34	17.61	13.42	15.52	17.35	13.71	15.57	17.86	14.80	16.46
14	18.67	15.23	17.12	17.52	13.18	15.42	17.66	13.70	15.70	18.41	14.96	16.84
15	18.46	15.23	16.81	17.35	13.39	15.45	17.39	14.04	15.75	18.31	15.32	16.83
16	18.27	14.61	16.47	17.28	13.48	15.32	17.66	14.03	16.04	17.95	14.79	16.54
17	18.16	14.72	16.37	17.27	13.49	15.42	17.99	14.93	16.63	17.70	14.46	16.06
18	17.99	14.31	16.15	17.25	13.75	15.53	17.85	14.79	16.52	17.53	13.79	15.83
19	17.78	14.56	16.21	17.25	13.77	15.60	18.10	14.66	16.57	17.44	13.45	15.73
20	17.87	14.71	16.32	17.10	13.55	15.61	17.73	14.57	16.30	17.75	13.91	16.06
21	17.57	14.55	16.10	17.14	13.64	15.74	17.84	14.37	16.32	18.09	14.28	16.38
22	17.43	14.46	16.19	17.46	13.73	15.85	17.95	14.55	16.42	18.52	14.33	16.69
23	18.03	14.73	16.56	17.32	13.63	15.81	17.99	14.37	16.32	18.49	14.34	16.67
24	18.20	14.55	16.56	17.32	13.59	15.67	18.23	13.97	16.27	18.93	15.14	17.16
25	17.57	14.08	16.05	17.89	13.18	15.74	18.16	13.65	16.15	19.01	15.39	17.33
26	17.78	13.39	15.80	18.37	13.63	16.12	18.07	13.28	16.01	18.70	15.17	17.13
27	17.87	13.51	15.91	17.89	13.32	16.01	18.10	13.27	15.96	18.74	14.92	17.13
28	18.25	13.70	16.19	17.83	12.40	15.43	17.79	13.48	15.94	18.61	14.91	16.94
29	18.73	14.35	16.60	18.19	13.55	15.95	17.76	13.23	15.75	18.24	14.64	16.66
30	18.67	14.49	16.75	18.10	13.67	16.09	17.78	13.39	15.93	18.38	15.03	16.85
31	---	---	---	17.59	13.11	15.77	17.74	13.56	15.84	---	---	---
MONTH	19.15	13.39	16.42	18.39	12.40	15.80	18.23	12.97	15.98	19.01	13.00	16.32
YEAR	19.15	11.63	15.93									

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: July 1981 to current year.

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: July 1981 to current year.

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, 4270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sept. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sept. 29, 30, 1981; minimum, 5.8 units, May 11, 12, 1990.

WATER TEMPERATURE: Maximum, 32.0°C, July 20, 21, 1986; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1, 1985; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 2890 microsiemens, Oct. 21; minimum, 74 microsiemens, Oct. 5.

pH: Maximum recorded, 7.7 units, Jan. 8, 19, Mar. 25; minimum recorded, 6.3 units, several days, several months.

WATER TEMPERATURE: Maximum, 31.0°C, July 30, 31, Aug. 1 - 3; minimum, 8.0°C, Jan. 21, 22, 25.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 4; minimum 3.4 mg/L, Aug. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	420	124	244	425	135	234	205	95	162	246	114	176
2	678	136	343	436	163	247	237	88	148	484	126	243
3	720	140	391	181	137	155	186	86	125	814	140	344
4	448	86	212	212	126	155	134	90	112	336	134	209
5	200	74	127	187	116	149	139	106	119	294	138	214
6	162	78	120	179	115	143	206	108	143	350	140	232
7	246	82	145	157	109	133	228	115	167	226	124	166
8	266	86	165	189	117	139	209	109	146	190	122	141
9	264	86	170	198	117	154	164	110	135	144	118	132
10	277	85	168	195	109	139	162	101	123	160	125	141
11	218	77	129	173	110	138	147	113	123	159	116	136
12	151	81	112	192	120	159	126	108	115	136	115	126
13	126	85	104	261	123	190	137	109	123	174	110	133
14	139	80	105	350	109	186	175	109	143	417	110	172
15	107	78	95	182	100	134	215	120	167	210	113	158
16	148	83	110	129	107	119	289	127	201	177	119	149
17	224	108	154	169	109	134	300	124	193	283	118	172
18	512	112	284	423	117	233	284	124	212	264	117	170
19	478	134	307	312	112	198	554	140	301	677	134	328
20	878	156	452	274	111	192	478	136	267	---	---	---
21	2890	336	1310	331	114	214	328	124	202	---	---	---
22	2360	202	933	456	116	246	572	130	259	716	147	410
23	1130	156	489	354	115	208	1230	190	507	726	142	387
24	578	133	297	347	121	220	980	168	455	374	111	172
25	508	147	293	260	111	160	770	216	494	131	108	118
26	462	133	266	209	109	152	744	148	420	125	106	114
27	350	120	214	230	141	188	388	126	243	145	106	120
28	272	114	189	227	106	187	204	116	156	134	105	119
29	271	119	199	275	106	197	162	116	136	327	104	160
30	288	117	181	244	95	172	160	124	143	330	111	196
31	167	120	145	---	---	---	214	126	161	241	105	156
MONTH	2890	74	273	456	95	176	1230	86	206	814	104	189

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.5	24.0	20.0	19.0	19.5	14.0	13.5	13.5	11.0	10.5	10.5
2	24.0	23.5	24.0	20.0	19.5	19.5	15.0	14.0	14.5	11.0	10.5	10.5
3	23.5	23.0	23.5	19.5	19.0	19.5	15.5	14.5	15.5	11.0	10.5	11.0
4	23.5	23.0	23.0	19.0	17.0	18.0	15.5	14.5	15.0	11.0	10.5	10.5
5	24.0	23.5	23.5	17.5	16.5	17.0	14.5	13.0	14.0	11.0	10.5	11.0
6	24.0	23.5	24.0	17.0	16.0	16.5	14.0	13.0	13.5	11.5	11.0	11.0
7	23.5	22.5	23.0	16.5	16.0	16.0	14.0	12.5	13.0	11.5	10.5	11.0
8	22.5	21.5	22.0	16.0	16.0	16.0	13.5	12.5	13.0	11.0	10.5	10.5
9	22.0	21.0	21.5	16.0	14.0	15.0	13.5	12.5	13.0	11.5	10.5	11.0
10	22.0	21.0	21.5	14.0	13.0	13.5	14.0	13.5	13.5	11.5	11.0	11.5
11	22.0	21.0	21.5	14.0	12.5	13.0	14.0	13.5	13.5	11.0	10.5	11.0
12	22.0	21.5	21.5	13.5	13.0	13.5	14.0	13.0	13.5	11.0	10.0	10.5
13	22.0	21.5	21.5	13.5	13.0	13.5	14.0	13.5	14.0	11.0	10.5	10.5
14	22.0	21.0	21.5	13.5	13.0	13.5	14.5	14.0	14.0	11.5	11.0	11.5
15	22.0	21.0	21.5	13.5	13.5	13.5	14.5	13.5	14.0	11.5	10.5	11.5
16	21.5	21.0	21.5	14.0	13.5	14.0	13.5	12.5	13.0	11.0	9.5	10.5
17	21.0	20.5	21.0	14.5	14.0	14.0	13.0	12.0	12.5	10.5	8.5	9.5
18	21.0	20.0	20.5	14.5	14.0	14.0	12.5	11.5	12.0	9.0	8.5	9.0
19	21.0	20.0	20.5	14.5	14.0	14.5	12.0	10.5	11.5	9.5	8.5	9.0
20	21.0	20.0	20.5	15.0	14.5	14.5	11.0	9.5	10.5	---	---	---
21	21.0	20.5	20.5	15.5	15.0	15.5	10.5	9.5	10.0	8.5	8.0	8.5
22	20.5	20.0	20.5	16.5	15.5	16.0	11.0	10.0	10.5	8.5	8.0	8.5
23	21.0	20.0	20.5	16.5	15.5	16.0	11.5	11.0	11.0	9.5	8.5	9.0
24	21.0	20.5	21.0	16.5	15.5	16.0	12.5	11.5	12.0	9.5	9.0	9.5
25	21.5	21.0	21.0	15.5	14.0	15.0	12.5	12.0	12.0	9.0	8.0	8.5
26	22.0	20.5	21.0	14.5	13.5	14.0	12.5	11.0	12.0	9.0	8.5	8.5
27	22.0	20.5	21.0	14.0	12.5	13.5	11.5	11.0	11.0	9.0	8.5	8.5
28	22.0	20.5	21.0	13.0	12.5	13.0	11.0	10.5	11.0	9.0	8.5	9.0
29	21.5	20.0	21.0	13.0	12.5	12.5	11.0	10.5	11.0	9.0	9.0	9.0
30	20.5	19.5	20.0	13.5	12.5	13.0	11.0	11.0	11.0	9.5	9.0	9.5
31	20.0	19.0	19.5	---	---	---	11.0	10.5	11.0	11.0	9.0	9.5
MONTH	24.5	19.0	21.6	20.0	12.5	15.1	15.5	9.5	12.6	11.5	8.0	10.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	10.0	10.0	14.3	13.8	14.0	16.0	15.5	15.5	20.0	19.0	19.5
2	10.0	9.5	10.0	14.9	14.2	14.5	16.0	15.5	15.5	21.0	20.0	20.5
3	10.0	9.5	10.0	15.9	14.8	15.2	15.5	14.5	15.0	22.0	20.5	21.0
4	10.5	9.5	10.0	16.4	15.6	16.0	15.5	14.0	15.0	21.5	21.0	21.5
5	10.5	10.5	10.5	16.9	16.2	16.5	15.5	14.5	15.0	22.0	21.0	21.5
6	10.5	9.5	10.0	17.0	15.5	16.3	15.5	14.5	15.0	22.0	21.0	21.5
7	9.5	8.5	9.5	16.4	14.8	15.6	16.0	15.5	15.5	21.0	19.0	20.0
8	9.5	9.0	9.5	16.5	15.4	15.9	16.5	15.5	16.0	19.5	18.0	19.0
9	9.5	9.0	9.0	17.2	16.0	16.5	17.0	16.0	16.5	19.0	18.0	18.5
10	9.5	9.0	9.0	17.1	16.6	16.9	17.0	16.5	16.5	20.0	18.5	19.0
11	9.5	9.0	9.0	17.0	14.8	15.9	17.0	17.0	17.0	21.0	19.5	20.0
12	9.0	9.0	9.0	15.5	14.0	14.5	17.5	17.0	17.0	21.0	20.0	20.5
13	9.5	9.0	9.5	14.5	13.5	14.0	18.0	17.5	17.5	21.0	21.0	21.0
14	9.5	9.5	9.5	14.0	13.5	14.0	17.5	17.0	17.5	21.5	20.5	21.0
15	10.5	9.5	10.0	14.5	14.0	14.0	18.0	17.0	17.5	22.0	21.0	21.5
16	11.4	10.3	10.9	14.0	13.0	13.5	19.0	17.5	18.0	22.0	21.5	22.0
17	11.6	11.2	11.4	14.0	13.0	13.5	19.0	18.0	18.5	22.5	21.0	22.0
18	11.9	11.2	11.6	14.0	13.5	13.5	19.0	18.5	19.0	23.0	21.5	22.5
19	12.5	11.4	12.0	15.5	14.0	14.5	19.5	19.0	19.0	23.5	22.5	23.0
20	12.6	12.1	12.4	15.5	14.5	15.0	20.0	19.5	19.5	23.5	22.5	23.0
21	12.7	12.0	12.3	15.0	13.0	14.0	20.0	19.5	20.0	23.5	23.0	23.5
22	12.6	11.8	12.3	15.0	14.0	14.5	20.0	19.0	19.5	23.5	23.0	23.0
23	13.0	12.5	12.8	15.0	14.5	15.0	20.0	19.0	19.5	23.5	23.0	23.5
24	13.8	13.0	13.3	15.0	14.0	14.5	20.5	20.0	20.0	24.0	23.5	23.5
25	14.2	13.6	13.9	14.5	14.0	14.0	21.0	20.5	21.0	24.5	24.0	24.0
26	14.4	13.5	14.1	14.5	14.0	14.0	21.0	20.5	20.5	25.0	24.0	24.5
27	13.9	13.5	13.7	14.5	14.0	14.5	20.5	19.5	20.0	24.5	24.0	24.5
28	13.7	13.4	13.6	14.5	14.5	14.5	20.0	19.0	19.5	24.0	23.0	23.5
29	13.8	13.4	13.6	15.0	14.5	14.5	19.5	18.5	19.0	23.5	22.5	23.0
30	---	---	---	15.0	14.5	15.0	19.5	19.0	19.0	23.0	22.5	22.5
31	---	---	---	15.5	15.0	15.5	---	---	---	23.5	22.5	23.0
MONTH	14.4	8.5	11.1	17.2	13.0	14.8	21.0	14.0	17.8	25.0	18.0	21.8

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.0	23.0	23.5	28.0	27.0	27.5	31.0	30.5	31.0	29.0	28.0	28.5
2	24.5	23.0	24.0	28.0	27.0	27.5	31.0	30.5	30.5	29.0	28.5	28.5
3	24.0	24.0	24.0	27.5	27.0	27.5	31.0	30.0	30.5	28.5	28.0	28.5
4	24.5	23.5	24.0	28.0	27.0	27.5	30.5	29.5	30.0	28.5	28.0	28.5
5	25.0	24.0	24.5	28.5	28.0	28.0	30.5	29.5	30.0	28.0	28.0	28.0
6	26.0	24.5	25.0	28.5	28.0	28.5	30.0	29.5	30.0	28.0	27.5	27.5
7	26.0	25.0	25.5	29.0	28.0	28.5	29.5	29.0	29.5	27.5	27.0	27.5
8	26.5	26.0	26.0	29.0	28.5	29.0	29.5	29.0	29.0	27.5	27.0	27.0
9	26.5	26.5	26.5	29.5	29.0	29.0	29.5	29.0	29.0	27.5	27.0	27.0
10	26.5	26.0	26.5	30.0	29.5	29.5	29.5	29.0	29.5	27.5	27.5	27.5
11	26.5	26.0	26.5	30.0	29.5	29.5	30.0	29.5	29.5	27.5	27.5	27.5
12	26.0	25.0	25.5	30.5	29.5	30.0	30.0	29.5	30.0	27.5	27.5	27.5
13	25.0	24.0	24.0	30.5	29.5	30.0	30.0	29.5	30.0	27.5	27.0	27.5
14	24.5	23.5	24.0	30.5	29.5	30.0	30.0	29.0	29.5	27.0	26.5	27.0
15	25.5	24.0	24.5	30.5	30.0	30.0	29.5	28.5	29.0	27.0	26.5	26.5
16	25.5	25.0	25.5	30.5	30.0	30.0	29.0	28.0	28.5	26.5	26.0	26.5
17	25.5	25.0	25.5	30.0	29.5	30.0	28.5	27.5	28.0	26.5	26.0	26.5
18	26.0	25.0	25.5	30.0	29.5	29.5	27.5	26.5	27.0	26.5	26.5	26.5
19	26.5	25.5	26.0	30.0	29.0	29.5	27.5	26.5	27.0	26.5	26.5	26.5
20	26.5	25.5	26.0	29.5	29.5	29.5	27.5	27.0	27.5	26.5	26.5	26.5
21	27.0	26.0	26.5	29.5	29.0	29.5	27.5	27.0	27.5	26.5	26.5	26.5
22	27.0	26.5	26.5	29.5	29.0	29.5	27.5	27.0	27.0	27.0	26.5	26.5
23	26.5	26.0	26.0	29.5	29.0	29.5	27.5	27.0	27.5	27.0	27.0	27.0
24	27.0	26.0	26.5	29.5	29.0	29.5	27.5	27.0	27.5	27.0	26.5	26.5
25	27.0	26.5	27.0	29.5	29.0	29.5	27.5	27.5	27.5	26.5	25.0	25.5
26	27.5	27.0	27.0	30.0	29.5	29.5	28.0	27.5	27.5	25.5	24.5	25.0
27	27.5	27.0	27.5	30.0	29.5	30.0	28.0	27.5	28.0	25.0	24.5	25.0
28	28.0	27.5	27.5	30.5	30.0	30.0	28.0	27.5	28.0	25.0	25.0	25.0
29	28.0	27.5	28.0	30.5	30.0	30.0	28.5	27.5	28.0	25.0	25.0	25.0
30	28.0	27.5	28.0	31.0	30.0	30.5	28.5	28.0	28.0	25.0	24.0	24.5
31	---	---	---	31.0	30.5	30.5	28.5	28.0	28.5	---	---	---
MONTH YEAR	28.0 31.0	23.0 8.0	25.8 19.7	31.0	27.0	29.3	31.0	26.5	28.7	29.0	24.0	26.8

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.8	5.9	6.4	5.7	4.4	4.9	6.3	4.8	5.5	6.3	5.5	5.9
2	6.5	5.1	5.8	5.8	4.8	5.1	5.9	4.9	5.5	6.3	5.6	6.0
3	5.6	4.9	5.2	5.7	4.7	5.1	5.9	4.7	5.4	6.2	5.5	5.9
4	6.1	5.3	5.6	6.3	4.8	5.3	5.8	4.9	5.5	6.0	5.2	5.7
5	5.8	5.2	5.5	6.1	5.1	5.6	5.9	4.7	5.5	5.8	5.0	5.5
6	5.6	5.0	5.3	6.0	4.8	5.4	5.6	4.7	5.2	5.6	4.9	5.3
7	5.6	4.9	5.3	5.5	4.7	5.2	5.5	4.4	4.9	5.5	4.9	5.2
8	5.7	4.9	5.2	5.4	4.5	5.0	5.3	4.5	4.9	5.4	4.8	5.1
9	5.5	4.7	5.1	5.4	4.7	5.1	5.5	4.8	5.1	5.7	4.8	5.2
10	---	---	---	5.5	4.7	5.0	5.7	4.6	5.2	5.4	4.9	5.2
11	---	---	---	5.7	4.5	5.2	5.9	4.8	5.4	5.5	4.8	5.2
12	---	---	---	5.8	5.1	5.3	6.0	4.9	5.5	6.3	5.0	5.5
13	---	---	---	5.8	4.9	5.3	6.0	5.0	5.5	6.3	5.4	5.8
14	---	---	---	5.8	4.5	5.3	5.5	4.9	5.3	6.6	5.7	6.1
15	---	---	---	5.9	4.8	5.5	5.3	4.4	5.0	6.4	5.8	6.1
16	---	---	---	6.0	4.7	5.5	5.4	4.5	5.0	6.3	5.7	6.1
17	---	---	---	5.9	4.9	5.6	5.4	4.7	5.1	6.3	5.6	6.0
18	---	---	---	5.9	4.8	5.5	5.1	3.7	4.3	6.2	5.5	5.9
19	---	---	---	5.7	4.8	5.4	4.2	3.6	4.0	5.8	4.7	5.4
20	---	---	---	5.6	4.7	5.3	4.4	3.5	4.0	5.6	4.7	5.2
21	---	---	---	5.7	4.5	5.2	4.3	3.4	4.0	5.5	4.7	5.1
22	---	---	---	5.3	4.4	4.9	4.2	3.6	3.9	5.2	4.7	5.0
23	---	---	---	5.4	4.2	5.0	4.3	3.7	4.0	5.7	4.9	5.2
24	---	---	---	5.6	4.2	5.1	4.4	3.9	4.2	6.0	5.1	5.5
25	---	---	---	5.6	4.8	5.2	5.2	4.3	4.6	5.8	5.3	5.6
26	---	---	---	5.7	4.8	5.3	5.3	4.4	4.9	6.2	5.3	5.7
27	5.3	4.8	5.1	6.0	5.1	5.5	5.5	4.7	5.0	6.4	5.4	5.9
28	5.0	4.6	4.9	6.2	5.1	5.6	6.0	4.8	5.3	6.3	5.4	6.0
29	5.0	4.3	4.7	5.9	5.0	5.5	6.1	5.1	5.5	6.3	5.4	5.9
30	5.3	4.3	4.7	6.1	4.8	5.4	6.5	5.3	5.7	6.5	5.8	6.2
31	---	---	---	6.2	4.8	5.5	6.4	5.6	5.9	---	---	---
MONTH YEAR	6.8 11.8	4.3 3.4	5.3 7.5	6.3	4.2	5.3	6.5	3.4	5.0	6.6	4.7	5.6

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River, 9.9 mi from confluence of East and West Branch Cooper River and at mile 19.4.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Data collection platform. Datum of gage is 6.38 feet below National Geodetic Vertical Datum of 1929 (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, 2.13 ft, Apr. 7, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.54 ft, June 12; minimum, 2.66 ft, Jan. 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.39	5.34	7.91	---	---	---	9.71	4.29	7.14	10.23	5.45	7.95
2	10.72	5.61	8.39	11.33	5.75	9.13	9.67	4.22	7.21	10.37	5.32	8.15
3	10.15	5.08	8.02	10.93	5.72	8.67	9.84	3.84	7.20	10.71	5.47	8.21
4	10.66	4.87	8.11	---	---	---	8.90	3.11	6.34	10.20	5.08	7.75
5	10.54	4.82	8.13	---	---	---	9.57	3.78	7.02	9.87	4.95	7.74
6	10.39	4.67	7.87	---	---	---	9.82	4.26	7.06	10.56	5.52	8.15
7	10.54	4.37	8.06	---	---	---	9.52	4.06	6.84	10.51	5.56	8.12
8	10.91	4.95	8.27	---	---	---	9.36	4.02	6.74	10.29	5.23	7.96
9	10.90	5.18	8.26	---	---	---	9.42	4.39	6.85	9.79	4.89	7.48
10	10.79	5.21	8.23	---	---	---	9.22	4.43	7.01	9.25	4.16	6.86
11	10.49	5.54	8.05	---	---	---	9.72	5.41	7.54	9.46	5.20	7.27
12	9.99	5.35	7.71	---	---	---	9.32	5.07	7.33	9.50	5.26	7.44
13	10.10	5.50	7.83	---	---	---	8.98	4.74	6.99	9.55	5.35	7.46
14	10.05	5.98	7.98	---	---	---	8.69	4.22	6.56	10.01	3.70	6.94
15	9.87	6.16	7.97	9.19	5.10	7.20	---	---	---	9.09	4.21	6.97
16	9.48	5.70	7.78	---	---	---	---	---	---	8.97	3.40	6.39
17	9.62	5.59	7.80	---	---	---	9.18	3.29	6.67	9.69	3.23	6.75
18	9.47	5.17	7.65	9.91	4.64	7.66	8.84	2.89	6.28	9.63	2.88	6.83
19	9.61	5.00	7.65	---	---	---	9.48	2.89	6.81	10.13	2.91	7.23
20	9.92	5.00	7.82	9.92	4.05	7.20	10.01	3.67	7.26	---	---	---
21	10.33	5.40	8.28	9.97	3.68	6.97	10.34	3.74	7.18	10.28	3.07	7.03
22	10.44	5.28	8.13	---	---	---	10.33	2.94	7.19	10.17	3.59	7.04
23	10.50	4.81	7.92	---	---	---	10.59	3.77	7.43	10.60	4.20	7.36
24	10.65	4.65	7.93	---	---	---	9.97	3.62	7.04	9.75	2.66	6.24
25	10.78	4.78	8.03	10.15	3.19	6.92	10.34	4.21	7.39	9.09	3.96	6.59
26	10.88	4.88	8.16	---	---	---	10.24	4.81	7.71	8.95	3.75	6.44
27	10.93	5.18	8.27	---	---	---	9.74	4.50	7.40	9.35	4.62	7.04
28	10.97	5.43	8.42	9.88	4.56	7.38	10.03	5.16	7.87	9.18	4.88	6.96
29	10.98	6.04	8.72	9.62	4.60	7.36	9.81	4.36	7.15	9.54	5.04	7.35
30	10.83	5.78	8.46	9.79	4.57	7.37	9.29	4.23	6.87	9.70	5.12	7.56
31	---	---	---	---	---	---	9.72	4.82	7.58	9.75	4.60	7.32
MONTH	10.98	4.37	8.06	11.33	3.19	7.59	10.59	2.89	7.09	10.71	2.66	7.29

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.16	4.33	7.12	9.21	4.22	6.98	9.76	4.56	7.41	10.38	4.66	7.75
2	9.72	4.70	7.45	9.05	4.11	6.80	9.88	4.19	7.15	10.11	4.28	7.51
3	9.69	4.47	7.34	9.16	4.09	6.85	10.26	4.47	7.62	10.23	3.81	7.15
4	10.06	4.91	7.58	9.80	4.22	7.28	9.80	4.51	7.45	10.46	4.19	7.33
5	10.33	4.65	7.73	10.00	4.75	7.60	9.91	4.04	7.12	10.20	4.05	7.31
6	10.66	5.89	8.59	9.90	4.39	7.46	9.96	4.08	7.06	10.36	4.95	7.62
7	10.49	5.64	8.41	---	---	---	9.96	4.20	7.23	10.54	5.31	7.97
8	10.49	4.84	7.65	9.48	3.84	6.76	9.91	4.53	7.25	10.59	4.59	7.61
9	9.61	5.22	7.57	9.76	4.57	7.11	9.89	4.71	7.38	9.95	4.60	7.35
10	9.79	5.42	7.85	9.81	4.58	7.29	9.86	4.80	7.35	9.78	4.40	7.30
11	10.02	5.25	7.70	9.72	3.56	6.35	9.75	4.61	7.35	10.00	4.45	7.51
12	9.65	5.34	7.49	8.93	4.65	6.84	9.63	4.41	7.32	10.55	4.49	7.80
13	10.20	4.84	7.85	8.96	4.18	6.65	10.53	5.01	8.11	10.67	4.88	8.22
14	9.88	4.08	7.32	9.43	4.07	7.19	10.59	4.85	8.20	10.86	4.91	8.21
15	10.05	3.62	7.38	9.60	3.25	7.19	10.56	4.51	7.91	10.53	4.39	7.82
16	9.94	3.62	6.99	9.85	3.18	7.14	10.52	3.96	7.54	10.50	4.22	7.50
17	10.42	2.99	7.52	9.92	3.64	7.24	10.38	3.75	7.27	10.37	4.60	7.52
18	10.51	3.92	7.61	9.92	3.18	6.81	10.20	3.84	7.12	10.44	4.75	7.68
19	10.34	3.66	7.31	9.56	3.18	6.71	10.14	4.18	7.18	10.31	5.13	7.69
20	9.88	3.29	6.89	10.26	3.15	6.98	10.19	4.63	7.39	10.31	5.58	7.93
21	9.86	3.56	6.92	10.04	3.94	7.24	10.19	5.12	7.43	10.22	5.91	8.23
22	9.86	3.98	6.91	9.92	4.25	7.11	9.76	4.80	7.00	10.32	5.88	8.15
23	9.71	4.34	7.08	9.78	4.19	7.02	9.16	4.81	6.88	10.04	5.59	7.83
24	9.54	4.73	7.08	9.88	5.29	7.44	9.07	4.98	7.05	9.55	5.24	7.87
25	9.39	5.12	7.41	9.60	5.40	7.59	8.90	5.04	7.04	9.70	5.38	7.80
26	9.59	4.46	7.08	9.38	4.85	7.19	9.41	5.49	7.43	9.92	5.72	8.05
27	8.71	4.93	6.93	8.62	4.08	6.49	9.45	5.32	7.57	10.17	5.65	8.11
28	9.16	4.43	7.07	8.61	4.68	6.80	9.53	5.30	7.66	10.68	5.94	8.53
29	8.40	3.92	6.35	8.74	4.60	6.91	10.45	5.53	8.21	10.87	5.52	8.57
30	---	---	---	9.22	4.79	7.16	10.27	5.00	8.04	10.55	4.78	8.10
31	---	---	---	9.36	4.19	7.09	---	---	---	10.74	4.49	7.83
MONTH	10.66	2.99	7.39	10.26	3.15	7.04	10.59	3.75	7.42	10.87	3.81	7.79
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.88	4.53	7.87	10.75	4.07	7.80	10.17	3.44	7.13	9.82	3.92	7.12
2	10.86	4.50	7.78	---	---	---	10.19	4.16	7.47	9.96	4.41	7.33
3	10.95	4.81	7.87	10.90	4.56	8.00	10.04	4.22	7.41	9.63	4.75	7.28
4	11.04	4.93	8.12	10.90	4.76	7.92	9.71	4.33	7.15	9.39	4.48	7.04
5	11.04	4.77	7.87	10.43	4.47	7.70	9.78	4.10	7.18	9.42	4.68	7.10
6	10.40	4.71	7.82	10.03	4.49	7.46	9.86	4.69	7.41	9.50	4.93	7.24
7	10.44	4.98	7.95	10.00	4.47	7.47	10.17	5.16	7.74	9.82	4.98	7.51
8	10.26	4.81	7.82	10.03	4.63	7.46	10.10	5.21	7.77	10.02	5.17	7.67
9	10.21	4.61	7.69	9.86	4.40	7.28	10.07	4.97	7.65	---	---	---
10	---	---	---	9.85	4.27	7.16	10.02	4.89	7.52	---	---	---
11	10.99	5.44	8.46	10.10	4.44	7.33	9.77	4.52	7.32	---	---	---
12	11.54	5.58	8.73	9.97	4.34	7.28	9.72	4.51	7.14	---	---	---
13	11.29	5.75	8.74	---	---	---	9.79	4.85	7.37	---	---	---
14	11.04	5.39	8.49	---	---	---	9.80	4.76	7.31	---	---	---
15	10.83	5.39	8.20	---	---	---	9.55	4.68	7.38	---	---	---
16	10.57	5.36	7.98	---	---	---	9.93	4.74	7.71	---	---	---
17	10.46	5.52	8.03	---	---	---	---	---	---	---	---	---
18	10.35	5.23	7.78	---	---	---	---	---	---	---	---	---
19	10.13	5.34	7.77	---	---	---	---	---	---	9.77	4.74	7.41
20	10.13	5.44	7.89	---	---	---	---	---	---	10.23	5.14	7.79
21	---	---	---	---	---	---	---	---	---	10.39	5.27	8.04
22	---	---	---	---	---	---	---	---	---	10.71	5.01	8.24
23	---	---	---	---	---	---	---	---	---	10.90	4.69	8.27
24	10.17	5.61	8.09	---	---	---	---	---	---	11.44	5.47	8.88
25	9.84	5.16	7.71	9.91	4.18	7.25	---	---	---	11.33	5.39	8.88
26	10.11	4.61	7.51	10.53	4.54	7.69	10.58	3.71	7.61	11.30	5.11	8.66
27	10.31	4.56	7.65	10.39	4.02	7.57	10.65	3.58	7.55	11.34	4.99	8.55
28	10.76	4.58	7.92	10.39	3.18	7.10	10.21	3.63	7.43	11.24	5.08	8.40
29	11.23	4.79	8.26	10.88	3.97	7.62	10.23	3.62	7.29	10.82	5.03	8.22
30	11.13	4.70	8.28	10.73	3.87	7.64	10.36	3.86	7.46	10.92	5.63	8.46
31	---	---	---	10.19	3.59	7.34	10.21	4.00	7.36	---	---	---
MONTH	11.54	4.50	8.01	10.90	3.18	7.50	10.65	3.44	7.43	11.44	3.92	7.90
YEAR	11.54	2.66	7.53									

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 32°59'00'' , long 79°55'23'' , Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

PERIOD OF RECORD.--Water years 1983 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1983 to current year.

pH: June 1983 to current year.

WATER TEMPERATURE: June 1983 to current year.

DISSOLVED OXYGEN: June 1983 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 35,200 microsiemens, June 8, 1987; minimum, 60 microsiemens Feb. 10, 12, 14, 1985, Jan. 5, 6, 1986.

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, 25,100 microsiemens, Oct. 21; minimum, 68 microsiemens, June 21.

pH: Maximum, 7.8 units, Jan. 17, 19; minimum, 6.1 units, May 17, 19, 20.

WATER TEMPERATURE: Maximum, 31.0°C, July 31, several days in August; minimum, 8.5°C, Jan. 21, 22.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Feb. 3, 4; minimum 3.2 mg/L, July 30, Aug. 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	11000	140	3460	14600	180	5430
2	19700	820	7870	17000	1280	7300	11700	120	2530	19500	260	7640
3	14900	1180	7350	10200	740	3560	8340	100	1800	22800	740	7240
4	10900	600	3460	---	---	---	940	100	407	10700	400	2960
5	6600	300	2010	---	---	---	6200	100	1700	11600	260	4050
6	6020	280	1900	---	---	---	13300	200	3820	16400	460	4990
7	9520	340	3220	---	---	---	12400	280	3560	8740	240	2080
8	10400	420	3160	---	---	---	7300	160	1790	4580	100	957
9	10900	460	3240	---	---	---	9540	180	2380	6900	100	1590
10	10300	360	2900	---	---	---	7120	120	1830	8580	140	2480
11	8780	360	2250	---	---	---	7980	120	2110	5020	100	1170
12	8000	260	1880	---	---	---	6900	100	1810	5860	100	1980
13	10500	240	2400	10200	740	3560	12000	200	5350	11500	240	4750
14	8920	240	2810	---	---	---	12400	260	4780	19400	380	6110
15	12800	180	3740	8240	160	2340	---	---	---	5680	120	1480
16	10800	260	2810	9040	100	2370	---	---	---	8840	100	2830
17	18200	300	8310	---	---	---	17700	340	5980	16300	160	3930
18	15400	860	7230	---	---	---	15200	380	6260	8540	240	2650
19	18100	840	8290	---	---	---	20900	500	7740	13900	380	5180
20	22000	1000	10600	---	---	---	17800	680	5180	---	---	---
21	25100	4460	15500	13300	300	3820	13200	240	3190	11500	720	4020
22	21000	2880	10000	14200	360	4150	13200	300	4870	8740	680	3280
23	16300	1440	5680	---	---	---	18000	940	7800	10800	520	3590
24	12900	740	3750	---	---	---	12900	920	4660	3480	140	760
25	14500	580	4230	7200	300	1510	16300	840	5740	500	120	252
26	14000	500	3910	---	---	---	12600	720	4670	920	120	396
27	13200	400	3330	---	---	---	6700	200	2050	8300	100	2120
28	12700	340	3380	10800	280	3210	4320	100	1320	7420	100	2000
29	14400	360	4370	12300	380	4580	7460	100	1620	12900	100	5000
30	10300	360	3400	10400	180	2830	7700	100	2660	15000	240	4680
31	---	---	---	---	---	---	13300	140	4770	12100	180	2860
MONTH	25100	180	4930	17000	100	3570	20900	100	3650	22800	100	3280

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		FEBRUARY			MARCH			APRIL			MAY		
1	7300	140	2050	13700	160	5590	16400	380	6570	12500	749	4520	
2	13100	200	3520	14300	260	5440	11000	240	3350	7780	295	1990	
3	9000	100	2370	12600	340	4990	9920	140	2590	4840	197	1080	
4	10700	120	2890	14300	380	5600	6040	100	1500	9200	148	1080	
5	9860	160	2800	14000	380	5280	9920	100	1700	9800	219	2270	
6	13300	260	3920	9540	100	2250	9920	100	2340	11700	671	4720	
7	10000	240	3350	---	---	---	11100	100	3340	16000	736	5560	
8	11100	180	2060	5460	100	847	11800	100	3050	16100	566	4770	
9	6220	200	1810	6580	100	1930	8020	100	1570	9900	449	3390	
10	11900	380	4880	10200	100	3030	6520	100	1140	9260	394	3430	
11	14800	260	4830	9560	100	1680	7160	100	2290	10900	394	4040	
12	12700	120	3930	4600	100	934	9680	100	3410	12400	309	3550	
13	22800	500	8340	6940	100	1850	17800	100	6720	11600	340	3920	
14	11000	100	2320	7960	100	2430	16000	1020	7780	11300	388	3710	
15	9780	100	2590	11800	100	4710	11600	600	4620	8660	342	2610	
16	10300	100	3050	12100	100	4360	6680	180	2280	5800	229	1370	
17	13400	280	4940	9520	100	3310	3700	100	920	7440	160	1100	
18	8420	360	2840	8440	160	2760	4540	100	767	7800	213	1720	
19	6340	260	2240	6480	160	2310	5320	100	883	7800	184	1460	
20	6260	180	1180	6040	100	1460	6240	100	1450	8200	241	2270	
21	2040	100	572	4720	100	1060	5480	100	1070	12400	519	4980	
22	1080	100	473	5820	100	1490	2060	100	353	16000	616	5870	
23	4480	100	1080	8220	100	2180	2240	100	520	12900	391	4260	
24	5860	200	1850	11400	100	3100	3160	100	845	10100	331	3690	
25	10100	200	3480	7100	100	1490	4600	100	1400	13800	390	5630	
26	4320	100	832	4060	100	739	15500	100	5380	16800	960	8230	
27	4700	140	1480	2500	100	502	18400	500	7940	16700	726	6920	
28	9560	120	2190	5320	100	1880	20900	740	9870	16800	555	5990	
29	5220	120	1680	10800	100	4830	23700	1580	11700	12000	399	3750	
30	---	---	---	15700	100	7420	18700	1180	8690	4320	220	1190	
31	---	---	---	16500	280	6870	---	---	---	3840	151	685	
MONTH	22800	100	2740	16500	100	3080	23700	100	3530	16800	148	3540	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		JUNE			JULY			AUGUST			SEPTEMBER		
1	5680	129	882	6520	351	1880	11700	972	4770	4540	246	1290	
2	8000	150	1210	6520	238	1260	11900	960	4850	5500	179	1160	
3	8920	254	2110	4460	227	1230	10400	795	3710	4480	158	1000	
4	10000	394	2810	2780	175	861	8840	596	3010	5600	139	1140	
5	7520	319	2150	960	140	488	8760	411	2370	7140	134	1700	
6	6460	320	2130	951	131	455	10600	337	2860	9080	133	2160	
7	3340	203	1100	2500	119	492	9120	284	2860	10200	147	2790	
8	2680	180	761	6220	138	1280	8340	185	1830	7540	134	1690	
9	4240	169	947	4780	198	1480	6580	155	1440	---	---	---	
10	---	---	---	5340	148	1070	6600	145	1520	---	---	---	
11	9140	175	2050	4940	146	984	7980	136	1610	---	---	---	
12	9260	281	2400	4880	127	859	7680	163	1790	---	---	---	
13	4000	142	760	---	---	---	11900	207	3330	---	---	---	
14	969	107	313	---	---	---	9540	344	3440	---	---	---	
15	431	96	185	---	---	---	6000	216	1540	---	---	---	
16	920	95	188	---	---	---	7700	203	2230	---	---	---	
17	3720	100	376	---	---	---	---	---	---	---	---	---	
18	5100	130	924	---	---	---	---	---	---	---	---	---	
19	4120	115	726	---	---	---	---	---	---	---	---	---	
20	1940	104	455	---	---	---	---	---	---	8440	141	1850	
										12400	151	3510	
21	1660	68	---	---	---	---	---	---	---	15200	311	5160	
22	---	---	---	---	---	---	---	---	---	13600	397	4890	
23	---	---	---	---	---	---	---	---	---	10400	223	2770	
24	6540	137	1920	---	---	---	---	---	---	13100	366	4960	
25	5700	115	1070	14200	320	4900	---	---	---	12200	930	5460	
26	8860	120	1920	13800	173	3050	7200	140	1740	9480	731	4090	
27	12300	166	3270	10200	154	2270	6200	178	1750	8800	623	3410	
28	14700	344	4620	11600	178	2760	4680	221	1510	7080	432	2250	
29	14400	729	5260	14500	510	4820	3720	194	1310	6380	305	1920	
30	9300	630	3850	13200	934	5720	4720	279	1690	11000	334	2980	
31	---	---	---	12000	960	4950	4900	275	1580	---	---	---	
MONTH	14700	68	1710	14500	119	2150	11900	136	2400	15200	133	2810	
YEAR	25100	68	3160										

pH (UNITS), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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	20.0	20.0	14.5	13.0	14.0	11.0	10.5	11.0
2	24.0	23.5	24.0	20.5	19.5	20.0	15.0	14.0	14.5	11.0	10.5	11.0
3	24.0	23.5	23.5	20.0	19.0	19.5	16.0	15.0	15.5	11.5	11.0	11.0
4	24.0	23.5	23.5	---	---	---	16.0	15.0	15.5	11.0	10.5	11.0
5	23.5	23.0	23.5	---	---	---	15.0	14.5	14.5	11.5	10.5	11.0
6	24.0	23.5	23.5	---	---	---	14.5	14.0	14.0	11.5	11.0	11.0
7	23.5	22.0	23.0	---	---	---	14.5	13.5	14.0	11.5	11.0	11.0
8	22.5	22.0	22.0	---	---	---	14.0	13.0	13.5	11.5	11.0	11.0
9	22.0	21.5	21.5	---	---	---	14.5	13.0	13.5	11.5	11.0	11.0
10	22.5	21.0	21.5	---	---	---	14.5	13.5	14.0	11.5	11.0	11.5
11	22.0	21.0	21.5	---	---	---	14.5	13.5	14.0	11.5	11.0	11.0
12	22.0	21.5	21.5	---	---	---	14.5	13.5	14.0	11.5	10.5	11.0
13	22.0	21.5	21.5	---	---	---	14.5	14.0	14.0	11.5	11.0	11.0
14	22.0	21.0	21.5	---	---	---	15.0	14.5	14.5	12.0	11.0	11.5
15	22.0	21.5	21.5	13.5	13.0	13.5	15.0	14.0	14.5	11.5	11.0	11.0
16	22.0	21.0	21.5	14.0	13.0	13.5	14.0	13.5	14.0	11.0	10.5	11.0
17	21.5	20.5	21.0	14.5	13.5	14.0	14.0	13.0	13.5	11.0	10.0	10.5
18	21.5	21.0	21.0	14.5	13.5	14.0	13.5	12.5	13.0	10.5	9.5	10.0
19	21.5	21.0	21.0	14.5	14.0	14.0	13.0	12.0	12.5	10.5	9.5	10.0
20	21.0	20.5	21.0	15.0	14.5	14.5	12.0	11.0	11.5	---	---	---
21	21.0	20.5	21.0	15.5	15.0	15.0	11.5	10.0	10.5	9.5	8.5	9.0
22	20.5	20.5	20.5	16.0	15.5	16.0	11.5	10.0	11.0	9.5	8.5	9.0
23	21.0	20.0	20.5	16.5	16.0	16.0	11.5	10.5	11.5	10.0	9.0	9.5
24	21.0	20.5	20.5	16.5	16.0	16.0	12.5	11.5	11.5	9.5	9.5	9.5
25	21.5	21.0	21.0	16.0	15.0	15.5	12.0	11.5	12.0	9.5	9.0	9.5
26	21.5	21.0	21.5	15.0	14.0	14.5	12.0	11.5	12.0	9.5	9.0	9.0
27	22.0	21.0	21.5	14.5	13.5	14.0	12.0	11.0	11.5	9.5	9.0	9.5
28	22.0	21.0	21.5	14.0	13.0	13.5	11.5	11.0	11.5	9.5	9.5	9.5
29	22.0	21.0	21.5	14.0	13.0	13.5	11.5	11.0	11.5	10.0	9.5	9.5
30	21.0	20.0	20.5	14.0	13.0	13.5	11.5	11.0	11.0	10.0	9.5	10.0
31	20.5	19.5	20.0	---	---	---	11.5	10.5	11.0	10.0	9.5	10.0
MONTH	24.5	19.5	21.7	20.5	13.0	15.3	16.0	10.0	13.0	12.0	8.5	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	10.0	10.0	14.5	14.0	14.0	16.0	15.0	15.5	20.0	19.5	20.0
2	10.0	9.5	10.0	14.5	14.0	14.5	16.0	15.0	15.5	20.5	20.0	20.0
3	10.0	9.5	10.0	15.0	14.5	15.0	15.5	14.5	15.0	21.5	20.5	21.0
4	10.5	10.0	10.0	16.0	15.0	15.5	15.5	14.5	15.0	22.0	21.0	21.5
5	10.5	10.0	10.5	16.5	15.5	16.0	15.0	14.5	15.0	22.0	21.0	22.0
6	10.5	9.5	10.0	17.0	16.0	16.5	15.5	14.5	15.0	21.5	21.0	21.5
7	11.0	9.5	10.0	17.0	16.0	16.5	15.5	15.0	15.0	21.0	20.0	20.5
8	10.0	9.5	9.5	17.0	16.0	16.5	16.5	15.0	15.5	20.0	19.0	20.0
9	10.0	9.0	9.5	17.5	16.0	16.5	17.0	15.5	16.5	20.0	19.0	19.5
10	9.5	9.0	9.5	17.0	16.5	17.0	17.5	16.5	17.0	20.0	19.0	19.5
11	9.5	9.0	9.5	17.0	16.0	16.5	17.5	17.0	17.0	20.5	19.5	20.0
12	10.0	9.0	9.5	16.0	15.0	16.0	17.5	17.0	17.0	21.0	20.0	20.5
13	10.0	9.5	9.5	16.0	14.5	15.5	17.5	17.0	17.5	21.0	20.5	21.0
14	10.0	9.5	9.5	15.5	14.0	14.5	17.5	17.0	17.5	21.5	21.0	21.5
15	10.5	9.5	10.0	15.5	14.0	14.5	18.0	17.5	17.5	22.0	21.5	22.0
16	11.0	10.5	10.5	14.5	14.0	14.0	18.5	18.0	18.0	22.5	22.0	22.0
17	11.0	10.5	11.0	14.0	13.5	14.0	19.0	18.0	18.5	23.0	22.0	22.5
18	11.5	11.0	11.5	14.0	13.5	14.0	19.5	19.0	19.0	23.5	22.5	23.0
19	12.5	11.5	12.0	15.0	14.0	14.5	19.5	19.0	19.5	24.0	23.0	23.5
20	13.0	12.0	12.5	15.0	14.5	14.5	20.0	19.5	20.0	24.0	23.5	23.5
21	12.5	12.5	12.5	15.0	14.0	14.5	20.5	20.0	20.0	24.0	23.5	23.5
22	13.0	12.5	12.5	15.0	14.5	14.5	21.0	20.0	20.5	24.0	23.0	23.5
23	13.0	12.5	13.0	15.0	14.5	15.0	21.5	20.0	20.5	25.0	23.5	24.0
24	13.5	13.0	13.5	15.5	14.5	15.0	21.5	20.5	20.5	25.0	23.5	24.0
25	14.5	13.5	14.0	15.0	14.5	14.5	21.5	20.5	21.0	25.0	24.0	24.5
26	15.0	14.0	14.5	15.0	14.5	14.5	21.0	20.5	20.5	25.0	24.5	25.0
27	14.5	14.0	14.5	14.5	14.5	14.5	20.5	20.0	20.5	25.0	24.5	25.0
28	14.5	14.0	14.0	15.0	14.0	14.5	20.5	20.0	20.5	24.5	24.0	24.5
29	14.0	13.5	14.0	15.0	14.5	15.0	20.0	19.5	20.0	24.5	23.5	24.0
30	---	---	---	15.5	14.5	15.0	20.0	19.5	19.5	24.0	23.0	23.5
31	---	---	---	15.5	15.0	15.5	---	---	---	24.0	23.0	23.5
MONTH	15.0	9.0	11.3	17.5	13.5	15.1	21.5	14.5	18.0	25.0	19.0	22.3

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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	28.0	31.0	30.0	30.5	29.0	28.0	28.5
2	24.5	23.5	24.0	28.0	27.5	27.5	30.5	30.0	30.5	28.5	28.5	28.5
3	24.5	24.0	24.0	27.5	27.5	27.5	31.0	30.0	30.5	29.0	28.5	28.5
4	25.0	24.0	24.0	28.0	27.5	27.5	31.0	30.0	30.5	28.5	28.5	28.5
5	25.5	24.0	24.5	28.5	27.5	28.0	31.0	30.5	30.5	28.5	28.0	28.0
6	25.5	24.5	25.0	28.5	28.0	28.5	30.5	30.0	30.5	28.0	27.5	28.0
7	26.5	25.5	26.0	29.0	28.5	28.5	30.0	29.5	30.0	28.0	27.5	28.0
8	27.0	26.0	26.5	29.5	28.5	29.0	30.0	29.5	29.5	28.0	27.5	27.5
9	27.0	26.5	27.0	29.5	29.0	29.5	30.0	29.5	29.5	---	---	---
10	27.0	26.5	27.0	30.0	29.5	29.5	30.0	29.5	29.5	---	---	---
11	27.0	26.5	27.0	30.5	30.0	30.0	30.0	29.5	30.0	---	---	---
12	26.5	25.5	26.0	30.5	30.0	30.0	30.5	29.5	30.0	---	---	---
13	26.0	24.5	25.5	---	---	---	30.0	29.5	30.0	---	---	---
14	25.0	24.5	24.5	---	---	---	30.0	29.5	30.0	---	---	---
15	25.0	24.0	24.5	---	---	---	29.5	29.0	29.5	---	---	---
16	25.5	25.0	25.0	---	---	---	29.5	29.0	29.0	---	---	---
17	26.0	25.0	25.5	---	---	---	---	---	---	---	---	---
18	26.0	25.5	25.5	---	---	---	---	---	---	---	---	---
19	26.5	25.5	26.0	---	---	---	---	---	---	26.5	26.0	26.5
20	27.0	26.0	26.5	---	---	---	---	---	---	26.5	26.0	26.5
21	---	---	---	---	---	---	---	---	---	26.5	26.0	26.5
22	---	---	---	---	---	---	---	---	---	27.0	26.5	26.5
23	---	---	---	---	---	---	---	---	---	27.0	26.5	27.0
24	26.5	26.0	26.0	---	---	---	---	---	---	26.5	25.5	26.5
25	27.0	26.0	26.5	29.5	29.0	29.5	---	---	---	26.0	24.5	25.5
26	27.0	26.5	27.0	30.0	29.5	29.5	28.0	27.5	28.0	25.0	24.5	24.5
27	27.5	27.0	27.0	30.0	29.5	30.0	28.5	28.0	28.0	25.5	24.5	24.5
28	28.0	27.0	27.5	30.0	29.5	30.0	28.5	28.0	28.0	25.0	24.5	25.0
29	28.0	27.5	27.5	30.5	30.0	30.0	28.5	28.0	28.0	25.0	24.5	24.5
30	28.5	27.5	28.0	30.5	30.0	30.0	28.5	28.0	28.0	24.5	24.0	24.0
31	---	---	---	31.0	30.0	30.5	28.5	28.0	28.0	---	---	---
MONTH YEAR	28.5 31.0	23.5 8.5	25.8 19.2	31.0	27.5	29.1	31.0	27.5	29.5	29.0	24.0	26.6

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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

Note: Dissolved oxygen concentrations are not corrected for salinity.

COOPER RIVER BASIN

021720612 FOSTER CREEK AT GOOSE CREEK, SC

LOCATION.--Lat 32°58'57'', long 80°00'02'', Berkeley County, Hydrologic Unit 03050201, on Naval Weapons Station at Spurline Railroad bridge on Missile Haul Road, and at mi 5.5.

DRAINAGE AREA.--Undetermined.

GAGE HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 2.37 feet below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.63 ft, Nov. 10, 1990; minimum gage height, 1.69 ft, Dec. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.10 ft, June 13; minimum gage height, 1.69 ft, Dec. 19.
Water Year 1991: Maximum gage height, 7.63 ft, Nov. 10; minimum gage height, 1.76 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	4.76	3.81	4.23	4.92	4.07	4.55	---	---	---	4.58	2.65	3.69
2	4.87	3.84	4.42	5.15	4.12	4.76	4.65	3.47	4.13	4.90	3.71	4.43
3	4.75	3.85	4.32	5.35	4.86	5.16	4.90	3.62	4.37	4.78	3.41	4.15
4	4.72	4.05	4.39	5.29	4.57	4.93	5.11	3.82	4.61	4.86	3.62	4.34
5	4.52	3.54	4.15	5.07	4.17	4.75	4.65	3.31	4.03	4.99	4.07	4.63
6	4.83	4.00	4.52	5.14	4.39	4.84	4.89	3.72	4.39	4.60	3.42	4.05
7	5.00	4.28	4.73	5.02	4.23	4.70	4.79	3.71	4.37	4.65	3.33	4.02
8	4.86	3.91	4.53	5.04	4.35	4.76	4.87	3.91	4.42	4.92	3.75	4.43
9	4.81	3.85	4.48	7.20	4.70	5.10	4.69	3.86	4.29	4.52	3.56	4.03
10	5.62	4.32	4.86	7.63	6.66	7.32	4.61	3.68	4.14	4.31	3.16	3.75
11	7.06	5.62	6.30	---	---	---	4.61	3.55	4.07	5.15	3.30	4.32
12	7.14	6.46	6.83	---	---	---	4.92	3.86	4.44	5.16	4.15	4.71
13	6.54	5.61	6.03	---	---	---	4.68	3.68	4.13	4.47	3.20	3.70
14	5.87	5.20	5.51	---	---	---	4.01	2.78	3.33	4.67	3.24	3.97
15	5.62	4.90	5.25	---	---	---	4.32	3.13	3.70	4.62	3.23	4.00
16	5.34	4.57	4.96	4.86	3.94	4.47	4.10	2.87	3.43	4.81	3.76	4.33
17	5.08	4.48	4.87	4.91	3.89	4.44	3.97	2.70	3.36	4.51	3.15	3.87
18	5.20	4.68	4.95	5.02	3.74	4.47	4.22	3.06	3.70	4.61	3.24	3.96
19	4.96	3.96	4.45	5.05	4.03	4.63	4.25	2.96	3.57	5.42	2.93	4.03
20	4.74	3.89	4.37	4.90	3.94	4.51	4.51	3.08	3.80	6.16	5.44	5.95
21	---	---	---	4.73	3.80	4.39	4.45	3.17	3.84	5.42	3.29	4.46
22	---	---	---	4.78	3.83	4.41	4.26	2.93	3.64	4.30	3.28	3.80
23	---	---	---	4.71	3.60	4.26	3.97	2.84	3.43	4.69	3.41	4.23
24	4.65	3.38	4.05	4.43	3.20	3.80	3.86	2.42	3.14	4.80	3.51	4.22
25	4.61	3.70	4.27	4.21	3.19	3.74	3.96	2.27	3.10	5.29	4.53	5.02
26	4.48	3.09	3.76	4.22	3.11	3.59	4.16	2.94	3.61	5.26	4.53	4.89
27	4.91	4.15	4.50	4.57	3.55	4.11	4.76	3.20	4.04	4.98	3.95	4.53
28	4.96	4.44	4.70	4.45	3.45	3.95	4.78	3.91	4.34	4.97	3.65	4.48
29	4.91	4.28	4.61	4.40	3.38	3.88	4.39	3.21	3.76	4.85	3.74	4.37
30	5.02	4.36	4.74	---	---	---	4.22	2.94	3.58	6.27	4.86	5.57
31	5.01	4.36	4.71	---	---	---	4.22	2.97	3.57	6.33	5.23	5.84
MONTH	7.14	3.09	4.77	7.63	3.11	4.56	5.11	2.27	3.88	6.33	2.65	4.38

COOPER RIVER BASIN

021720612 FOSTER CREEK AT GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.72	3.15	4.08	5.48	4.59	5.02	4.03	2.62	3.32	4.74	3.51	4.12
2	5.15	3.79	4.49	5.84	5.01	5.43	4.47	2.42	3.57	4.84	3.39	4.23
3	5.11	3.66	4.55	5.85	4.88	5.32	4.21	2.72	3.51	5.10	3.63	4.57
4	5.29	3.86	4.60	5.42	4.42	4.92	4.21	2.30	3.08	5.11	3.71	4.40
5	5.29	4.11	4.70	5.29	4.22	4.84	3.88	2.00	3.01	4.55	3.09	3.91
6	5.11	3.64	4.43	5.48	4.45	5.07	4.10	2.30	3.24	5.07	3.50	4.45
7	4.93	3.34	4.29	5.41	4.53	5.05	3.83	2.16	3.08	5.12	3.88	4.66
8	5.20	4.04	4.75	5.15	3.87	4.69	3.85	2.20	3.14	5.12	4.01	4.65
9	5.25	4.05	4.77	5.50	4.15	4.95	3.72	2.03	3.02	4.70	3.02	3.93
10	5.18	3.96	4.74	5.39	4.35	4.98	3.82	2.20	3.22	3.95	2.46	3.25
11	5.17	3.95	4.68	4.90	3.44	4.21	4.45	3.06	3.84	4.29	2.72	3.48
12	4.71	3.16	4.13	4.68	3.27	4.01	4.46	2.72	3.68	4.46	2.94	3.81
13	4.70	3.06	4.03	4.48	3.20	3.92	3.75	2.43	3.14	4.25	2.90	3.65
14	4.90	3.48	4.26	4.34	3.34	3.87	3.57	1.96	2.85	4.61	2.79	3.73
15	4.65	3.35	4.18	4.43	2.98	3.65	3.30	1.73	2.49	3.84	2.34	3.29
16	4.67	3.63	4.20	3.90	2.39	3.25	3.41	2.29	2.88	3.53	1.94	2.76
17	4.49	3.10	3.81	4.00	2.43	3.13	3.67	2.06	2.89	3.99	1.99	3.06
18	4.46	3.08	3.87	4.65	3.16	4.05	3.20	1.73	2.42	3.72	2.24	2.99
19	4.35	3.08	3.75	4.55	3.10	3.83	3.79	1.69	2.82	4.38	2.29	3.42
20	4.43	3.04	3.73	4.30	2.77	3.54	4.46	2.48	3.59	4.71	2.76	3.84
21	5.15	3.36	4.37	4.11	2.51	3.43	4.55	3.04	3.81	4.66	2.81	3.86
22	5.34	4.42	4.96	4.26	2.57	3.55	4.10	2.26	3.30	4.78	3.21	4.05
23	5.31	4.32	4.88	4.42	2.73	3.70	4.41	2.65	3.64	5.04	3.35	4.31
24	5.23	4.09	4.68	4.33	2.64	3.51	4.53	2.80	3.76	4.97	2.75	4.09
25	5.19	3.65	4.62	4.28	2.22	3.42	4.46	2.64	3.65	3.98	2.40	3.38
26	5.24	3.85	4.75	4.46	2.86	3.77	4.88	3.52	4.29	3.53	2.08	2.84
27	5.31	4.19	4.92	4.43	3.02	3.79	4.75	3.35	4.21	3.93	2.01	3.25
28	5.33	4.15	4.93	4.39	2.99	3.74	4.91	3.78	4.42	3.82	2.44	3.21
29	5.41	4.57	5.11	4.21	2.91	3.61	4.56	3.03	3.85	4.04	2.27	3.35
30	5.41	4.60	5.11	4.52	3.22	3.84	3.63	2.19	2.96	4.47	2.79	3.69
31	5.21	4.30	4.85	---	---	---	4.38	2.56	3.52	4.53	3.24	3.92
MONTH	5.41	3.04	4.49	5.85	2.22	4.14	4.91	1.69	3.36	5.12	1.94	3.75
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	4.30	2.81	3.49	3.74	2.03	2.98	4.32	2.80	3.57	4.94	3.56	4.31
2	4.54	2.67	3.69	3.74	2.27	3.00	4.39	2.83	3.56	5.01	3.41	4.26
3	4.52	2.89	3.76	3.68	2.23	2.97	4.57	3.13	3.98	4.70	3.20	3.89
4	4.63	2.89	3.86	4.12	2.43	3.36	4.90	3.08	4.06	4.78	3.47	4.13
5	4.60	2.93	3.95	4.61	3.11	3.97	4.35	2.69	3.54	4.89	3.06	4.08
6	5.32	4.44	4.94	4.77	3.35	4.26	4.17	2.65	3.52	4.64	3.49	4.10
7	5.35	4.34	4.89	5.03	3.29	4.21	4.17	2.77	3.58	5.08	3.87	4.63
8	5.21	3.39	4.51	4.55	2.79	3.67	4.31	3.11	3.75	5.10	3.55	4.53
9	4.53	3.23	3.91	4.43	3.06	3.73	4.56	3.33	4.01	4.72	3.43	4.10
10	4.55	3.40	4.05	4.71	3.33	4.01	4.54	3.31	3.96	4.58	3.26	3.97
11	4.78	3.23	4.18	4.62	2.45	3.61	4.62	3.22	3.99	4.93	3.29	4.03
12	4.43	3.11	3.80	4.02	2.46	3.47	4.62	3.22	3.95	5.12	3.35	4.23
13	4.84	2.91	4.22	4.03	2.70	3.40	5.08	3.35	4.15	5.22	4.17	4.71
14	4.67	3.51	4.13	4.30	2.87	3.70	5.29	4.37	4.87	5.24	4.41	4.87
15	4.40	3.01	3.72	4.47	2.94	3.67	5.30	4.38	4.85	5.30	4.09	4.76
16	4.10	2.58	3.31	4.65	2.90	3.76	5.27	3.92	4.65	5.19	3.81	4.54
17	4.99	2.18	3.64	4.76	3.41	4.10	5.19	3.68	4.46	5.18	3.28	4.31
18	5.16	3.91	4.65	4.49	2.80	3.57	5.02	2.98	4.05	4.65	3.33	4.08
19	4.95	3.26	4.17	4.21	2.71	3.49	4.66	2.91	3.84	4.89	3.57	4.23
20	4.70	3.03	3.98	4.42	2.60	3.67	4.48	3.20	3.82	4.78	3.42	4.14
21	4.55	3.07	3.89	4.76	2.90	3.91	4.73	3.41	4.18	4.82	3.85	4.37
22	4.37	2.67	3.58	4.43	2.57	3.53	4.99	3.54	4.33	4.94	3.84	4.42
23	4.29	2.89	3.68	4.04	2.59	3.30	4.29	2.93	3.57	4.92	3.50	4.28
24	4.15	2.54	3.42	4.27	2.93	3.71	4.17	2.84	3.56	4.42	3.03	3.79
25	4.37	2.53	3.65	4.51	3.25	4.08	4.30	3.02	3.66	4.39	2.97	3.75
26	4.67	3.10	3.92	5.01	3.68	4.51	4.45	2.98	3.66	4.80	3.52	4.20
27	3.71	2.41	3.11	3.89	2.63	3.33	4.55	3.32	3.95	4.95	3.40	4.12
28	4.10	2.72	3.45	3.55	2.27	2.99	4.66	3.37	4.00	5.45	4.34	4.81
29	3.69	2.02	2.80	3.66	2.34	3.02	5.01	3.70	4.39	5.77	4.96	5.39
30	---	---	---	3.92	2.44	3.13	5.02	3.82	4.48	5.84	5.11	5.43
31	---	---	---	3.99	2.61	3.27	---	---	---	5.60	4.29	5.00
MONTH	5.35	2.02	3.87	5.03	2.03	3.59	5.30	2.65	4.00	5.84	2.97	4.37

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

LOCATION.--Lat 32°46'50'', long 79°55'31'', Charleston County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House, and at mile 0.6.

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): October 1986 to current year.

SPECIFIC CONDUCTANCE (Bottom): October 1986 to current year.

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, 6520 microsiemens, Sept. 6, 1987.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sept. 7, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 54,200 microsiemens, Apr. 29; minimum, 10,700 microsiemens, Sept. 6.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 55,100 microsiemens, Oct. 9; minimum, 22,300 microsiemens, June 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	48300	37000	41700	49900	38700	43500	44000	32300	37900	48000	34800	40300
2	48600	37300	42400	50100	37700	44000	43800	27800	37900	47700	37800	41800
3	47800	36700	41800	49300	36900	42800	45700	26500	35200	49100	39100	43000
4	48200	37000	42200	48400	35600	41000	42600	26300	34900	47900	38100	42000
5	48800	35300	42200	48600	33700	40700	43200	27900	35200	47400	37500	41700
6	48600	36000	42000	50000	30900	40500	43700	30000	37100	48600	38500	42400
7	50300	34500	41700	49700	30400	39300	46900	35000	39100	47900	37100	41200
8	50900	35200	42800	47700	33300	38900	45500	31500	38400	45900	35400	39500
9	51300	36700	43200	49500	34500	39700	45100	31400	38800	45200	34700	38600
10	50200	37500	42900	44800	33100	38000	44200	29600	37800	44300	33400	38100
11	48200	36600	41500	44000	30700	37400	45000	32800	37700	43100	33700	38200
12	45600	37100	40200	46200	33300	37500	42100	29800	35200	43800	34300	38400
13	46500	35000	40400	41800	30300	36800	44500	31100	37200	43900	32900	38500
14	46600	33500	40900	43900	31900	37000	43900	32800	37700	44100	31900	37200
15	49900	36000	41000	41900	26700	35500	41700	34400	37100	43300	33100	37400
16	43300	34500	39100	41100	26200	35600	44100	35100	39200	42600	33200	37500
17	46400	34300	40800	41200	29400	36200	44900	36800	40400	45800	33800	39000
18	45900	36400	41000	44700	27400	36100	46500	30300	39100	46000	33900	39500
19	45100	33300	41000	46100	31400	37700	48700	38700	43200	49000	33900	41400
20	48200	38800	42900	46500	33200	39300	50000	38700	43800	49800	35800	42300
21	50500	36600	44500	47700	31200	40300	50800	38500	43900	49400	35500	41700
22	50700	39100	44600	48300	33000	39400	52000	37500	44500	48700	35600	41300
23	51500	32200	44300	49500	28100	40000	51800	39400	45600	49100	36100	41000
24	51800	38700	44700	49000	32000	39600	50800	39500	44300	44500	29500	36900
25	52300	39200	44600	47700	32500	38000	50200	38400	44100	42200	28100	34300
26	51800	38600	44500	47800	28100	35600	50200	39400	44000	41200	27900	33000
27	51000	37600	43500	42600	28500	35100	47600	37100	41700	41800	27900	33900
28	50500	37400	43000	45000	25700	35000	47900	32400	41000	42700	30300	35000
29	50300	37000	42400	44500	32400	37800	46000	32800	39200	42100	30400	36600
30	49000	35600	41380	43900	32800	37700	44800	33700	38400	43900	32000	37800
31	49100	36800	42200	---	---	---	47000	33700	39200	44200	34600	37900
MONTH	52300	32200	42300	50100	25700	38500	52000	26300	39600	49800	27900	38900

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

BOTTOM												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	51600	39200	46200	49800	38500	45100	47700	39300	43100	47300	36900	42700
2	52200	39100	46900	49600	37800	43800	48500	37800	43100	46800	37000	42500
3	51700	37400	45700	49200	34500	43200	47500	36600	41500	46900	37300	41100
4	52400	39400	45400	48900	32300	41900	45900	35200	41000	44800	35800	40300
5	51900	38900	45500	50100	35200	43700	48200	37200	43000	44500	35400	40900
6	52000	38300	45300	50100	36100	43600	50500	37000	42700	46200	36100	40800
7	53600	36700	46500	49600	36000	42800	47300	36600	42500	46700	35600	41200
8	54800	40400	47300	49500	36500	43600	47100	38300	42400	47400	37500	42800
9	55100	39600	47700	50600	38200	44600	46900	38200	42800	46900	37500	42400
10	53800	37300	47100	48400	37600	43800	46200	39000	42700	46900	37500	42300
11	52000	35800	45800	46400	39700	43100	47500	39600	43800	46800	40400	43700
12	50200	37600	45600	47300	40300	43700	46300	39600	43200	45900	39700	43300
13	51300	38900	46000	47600	41700	44500	46100	40000	43600	46600	39700	43400
14	50200	39700	46700	46700	41900	44700	46300	40300	43900	45400	37900	41300
15	49900	42600	46300	47100	41700	44300	46900	40600	44100	44700	39400	42700
16	48200	40800	45700	45800	40200	43400	46300	39200	44200	46000	36200	41900
17	48000	42400	45600	47200	39900	43700	46900	39200	43600	47300	37100	41200
18	46600	42600	44600	49900	38900	44700	44800	38200	41900	48300	35900	42300
19	46500	41100	43900	50100	38900	43900	48500	38200	43900	50200	35600	43600
20	48700	40000	44400	49700	38300	43700	50400	38800	44100	50400	38200	43700
21	51000	41300	46700	50100	38200	43800	50500	38400	43700	50100	36800	43200
22	51100	41900	46300	50200	38500	43700	50300	36500	43900	49800	36900	43100
23	52600	41500	46300	50700	37500	43800	50000	38200	43900	49800	37900	43200
24	52100	40800	46000	49200	37500	43000	48400	38200	42700	46800	33000	39600
25	52000	40600	46200	49900	36300	43000	48900	37900	43300	44500	33200	40700
26	51200	40300	45800	50200	37100	43900	49300	38200	43900	43400	35200	40100
27	51400	40200	45700	49500	37700	43500	48000	37300	43500	46000	37900	42200
28	51300	40300	45500	48000	37700	43700	47600	37200	43400	46300	38300	43000
29	51700	40000	45900	47800	38500	43700	45300	36500	40900	47300	40300	44100
30	49900	40000	45700	48400	38200	43700	43900	35200	40100	47200	39800	44000
31	49600	37700	45000	---	---	---	46000	36900	41900	46200	38400	42800
MONTH	55100	35800	45900	50700	32300	43700	50500	35200	43000	50400	33000	42300
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	45200	37100	42200	46200	38700	42600	44800	36400	40600	51400	39400	46400
2	48100	39400	43300	44500	37400	41500	45800	35900	40500	50800	41300	45600
3	46400	36100	41800	45800	37000	41300	46800	35400	41100	51100	38400	44400
4	47000	36900	41800	47100	33800	41600	45500	34800	40100	52100	34600	44500
5	48600	36700	42400	47800	38100	42800	46500	34000	40400	52200	38900	44400
6	49700	39200	45400	47000	37500	42200	46100	34500	39800	52400	40500	45900
7	48600	38800	44500	45900	36000	40900	45900	35000	39700	53300	41500	47600
8	48000	37800	42200	46900	35200	40900	45700	35100	39900	52400	40400	45200
9	45700	37300	42400	46900	37500	41900	45100	35100	39600	49200	38700	43900
10	48200	39100	44300	47100	37900	41800	45000	35100	39400	48600	39500	44400
11	48000	41100	44900	45300	34700	38600	45100	34400	39900	49300	38800	44500
12	46700	37800	43200	44200	36800	40800	44600	33800	39600	51000	38600	44500
13	49100	37600	44800	43800	37100	41300	47300	35800	41900	51200	39500	45200
14	46000	37200	41700	46000	37200	41700	47500	36400	42000	51900	38700	44700
15	48100	36000	41700	44800	34700	40400	46300	35500	41200	51000	37500	44000
16	48400	36000	41500	47000	34200	41200	46500	34800	40500	50500	36700	43300
17	50800	34800	44100	47400	35200	41000	47300	33700	40100	50700	36500	43000
18	51100	36400	43800	47500	34700	40800	47900	33400	40200	49700	36900	43300
19	50800	35800	43100	47000	33800	40300	47900	33600	40700	49700	37400	42600
20	49800	33800	41700	48400	33700	41400	47400	36200	41200	48400	37500	42900
21	49800	34100	41500	48300	34200	40800	45800	34600	39200	47300	38000	43200
22	49000	34100	41200	47000	34500	40600	43400	34800	38700	47100	37800	42400
23	47500	36800	41100	45800	36200	40500	43900	36600	41200	45300	36900	41200
24	47000	38100	42100	46400	37600	41700	47500	39400	44000	43000	37500	40600
25	47400	40100	43500	44800	35400	41300	49000	42900	47100	45100	38600	41800
26	45900	38700	42900	44800	37400	41300	51100	45600	49100	45600	39100	42600
27	45900	38700	43600	43700	36500	41400	50300	45500	48400	46100	39100	42600
28	47000	40700	44200	43900	36500	41600	50400	44600	48300	47700	38900	43100
29	45100	36400	42300	43600	37100	41300	52600	45300	48500	47200	37500	42300
30	---	---	---	44300	37000	41300	51600	34200	46000	46100	35700	40500
31	---	---	---	44100	35800	40700	---	---	---	47000	33000	39800
MONTH	51100	33800	42900	48400	33700	41200	52600	33400	42000	53300	33000	43600

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	47800	31800	39300	47300	30000	37700	48700	36500	42300	48100	33100	40900
2	48000	32600	39600	48100	32200	39500	48800	35000	40600	47900	35600	41600
3	48000	32100	39100	48100	32500	40200	46500	34200	40000	45200	37400	41800
4	46800	32200	38600	48200	31700	38700	---	---	---	46100	37500	41900
5	45300	31700	37700	45400	29300	37100	---	---	---	46500	38600	43000
6	43300	31800	37200	45000	29200	36300	---	---	---	46200	39100	42200
7	42900	31000	36400	44400	28200	36300	47900	39500	44200	47900	37200	42900
8	41500	29200	35400	45500	31000	38300	48700	39100	43600	47700	40100	43800
9	40500	28400	34400	44500	34400	38800	48600	39400	43500	47300	38800	43300
10	42700	29100	35100	43900	33100	38400	47800	37900	42100	47100	38900	42700
11	43100	30100	36900	46500	35800	40700	47200	33700	41000	46400	37100	42000
12	44100	29100	37300	48100	34800	40100	46900	37600	41400	46800	36500	42100
13	42300	28300	35100	48600	33200	40200	46500	37500	42100	46800	37200	42500
14	38100	25500	32200	49100	34200	40700	45600	37500	41700	47800	37400	43100
15	37800	24100	29900	45700	35600	41100	44900	35800	40700	46900	37400	42200
16	44100	22300	30000	46700	36100	41400	45500	36600	41800	45800	36800	41700
17	44300	26300	36000	48600	38400	43100	44700	34600	40100	45000	37200	40900
18	44600	30100	35100	48100	36400	42500	44400	34400	39600	46900	37500	41800
19	40900	28700	34900	48900	38700	43600	45000	33500	39800	47900	35400	42300
20	40900	28300	35700	47900	34800	41800	45800	34700	40500	48900	37100	44300
21	42200	29600	36500	48000	34200	42800	48200	38100	43300	48500	39600	44000
22	43900	27500	38400	47000	37400	43400	48000	37000	42800	48900	38500	43100
23	45100	38100	41700	48000	36700	44600	47600	37900	43600	51200	36600	43700
24	44700	35500	40800	46100	36600	42800	47800	32700	41100	52000	37600	45600
25	42700	29600	37700	48200	34800	41500	48000	34000	41000	51100	40000	45800
26	45900	29300	39900	48900	33700	40900	48400	33500	40500	50900	39600	45100
27	48000	29300	39800	49000	33100	40100	47700	33100	40300	50200	38700	44400
28	49600	35800	41000	48700	32700	40000	47400	33400	39100	50300	37000	43300
29	49000	35200	41700	52600	35300	42600	48600	32300	40600	49900	36900	43500
30	46300	32700	40100	48500	36400	41500	48900	34600	41300	48700	36000	43200
31	---	---	---	49500	35900	41300	49400	34200	41500	---	---	---
MONTH	49600	22300	37100	52600	28200	40600	49400	32300	41400	52000	33100	43000
YEAR	55100	22300	42200									

COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston.

DRAINAGE AREA.--Undefined.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 17.12 ft below National Geodetic Vertical Datum of 1929.

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, 22.49 ft, Sept. 24; minimum gage height, 12.68 ft, Jan. 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.19	15.77	18.33	21.91	16.67	19.40	20.37	14.54	17.44	21.02	15.69	18.39
2	21.62	16.09	18.81	22.18	15.92	19.32	20.30	14.50	17.45	21.21	15.69	18.62
3	20.87	15.26	18.25	21.72	15.47	18.94	20.43	13.15	17.32	21.74	15.73	18.55
4	21.27	15.04	18.29	21.34	15.40	18.48	19.43	13.15	16.59	20.85	15.29	18.09
5	21.22	14.97	18.38	21.65	15.26	18.73	20.26	14.11	17.47	20.62	15.18	18.19
6	21.07	14.85	18.16	22.03	15.73	18.89	20.53	14.57	17.45	21.32	15.69	18.45
7	21.49	14.73	18.48	21.89	15.72	18.69	20.16	14.36	17.20	21.16	15.76	18.44
8	21.78	15.18	18.63	21.64	15.77	18.80	19.87	14.36	17.08	20.81	15.46	18.22
9	21.80	15.43	18.60	22.25	16.77	19.09	19.90	14.75	17.19	20.37	15.04	17.80
10	21.62	15.57	18.55	21.55	16.14	18.74	19.77	14.81	17.42	19.78	14.55	17.17
11	21.14	15.72	18.30	20.66	16.18	18.24	20.31	15.79	17.91	19.97	15.51	17.64
12	20.55	15.53	18.00	20.63	16.24	18.29	19.86	15.53	17.73	19.98	15.64	17.80
13	20.64	15.93	18.21	20.40	16.15	18.15	19.45	15.19	17.39	20.17	15.65	17.84
14	20.47	16.36	18.31	19.74	15.91	17.82	19.17	14.73	16.94	20.58	14.08	17.16
15	20.39	16.53	18.33	19.49	15.38	17.51	19.08	14.95	17.02	19.58	14.56	17.30
16	20.14	16.17	18.15	19.28	14.87	17.29	19.10	14.63	16.86	19.46	13.69	16.68
17	20.20	16.02	18.22	19.80	15.72	17.75	19.72	13.76	16.98	20.45	12.98	16.97
18	19.98	15.65	18.01	20.66	15.00	18.03	19.35	13.38	16.61	20.33	12.98	17.18
19	20.16	15.41	18.03	20.68	14.30	17.73	20.36	13.94	17.29	21.20	13.14	17.73
20	20.65	15.76	18.30	20.72	13.99	17.57	20.84	14.00	17.59	---	---	---
21	21.26	15.65	18.77	20.81	13.90	17.46	21.18	13.78	17.44	21.25	13.04	17.35
22	21.22	15.53	18.46	21.14	14.16	17.56	21.31	13.15	17.63	20.95	13.61	17.33
23	21.35	15.12	18.32	21.14	13.71	17.59	21.53	13.99	17.75	21.41	14.11	17.52
24	21.52	14.87	18.29	20.86	13.83	17.13	20.85	13.65	17.33	19.73	12.68	16.25
25	21.75	15.13	18.39	20.84	13.45	17.25	21.26	14.57	17.79	19.49	14.29	16.83
26	21.92	15.24	18.51	21.03	14.37	17.69	21.07	15.04	17.98	19.40	14.15	16.79
27	21.89	15.43	18.59	20.84	14.85	17.73	20.32	14.81	17.65	19.99	14.93	17.44
28	21.87	15.68	18.75	20.50	15.03	17.74	20.63	15.32	18.13	19.78	15.25	17.37
29	21.92	16.31	19.09	20.22	14.81	17.69	20.39	14.64	17.39	20.23	15.43	17.78
30	21.51	16.07	18.75	20.42	14.81	17.63	19.81	14.62	17.24	20.37	15.52	17.96
31	21.71	15.91	18.91	---	---	---	20.41	15.79	18.04	20.37	14.57	17.60
MONTH	21.92	14.73	18.42	22.25	13.45	18.10	21.53	13.15	17.40	21.74	12.68	17.61

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19.79	14.57	17.54	19.85	14.60	17.40	20.37	14.88	17.80	21.18	14.95	18.14
2	20.37	15.04	17.85	19.64	14.51	17.20	20.61	14.55	17.55	20.86	14.47	17.81
3	20.24	14.79	17.69	19.75	14.50	17.27	20.98	14.78	18.02	20.83	14.07	17.45
4	20.61	15.13	17.94	20.51	14.59	17.74	20.58	14.68	17.73	21.37	14.44	17.75
5	20.97	14.94	18.24	20.62	15.14	18.02	20.69	14.30	17.59	21.08	14.37	17.77
6	21.58	16.35	19.10	20.48	14.59	17.73	20.75	14.42	17.49	21.47	15.37	18.16
7	21.25	16.01	18.81	20.14	14.30	17.38	20.75	14.61	17.64	21.53	15.64	18.43
8	20.17	15.17	17.95	20.07	14.25	17.15	20.47	14.88	17.60	21.51	14.74	17.88
9	20.49	15.71	18.03	20.44	14.92	17.54	20.47	15.09	17.65	20.61	14.87	17.66
10	20.63	15.91	18.37	20.37	14.83	17.60	20.47	15.10	17.65	20.44	14.79	17.65
11	20.72	15.67	18.13	20.37	13.72	16.58	20.44	14.95	17.70	20.54	14.93	17.84
12	20.31	15.70	17.94	19.50	14.97	17.16	20.38	14.80	17.69	21.30	14.95	18.18
13	21.06	15.08	18.22	19.49	14.51	16.95	21.49	15.49	18.68	21.55	15.15	18.58
14	20.52	14.36	17.56	20.03	14.45	17.53	21.54	15.01	18.59	21.73	15.19	18.58
15	20.81	13.79	17.64	20.21	13.40	17.52	21.48	14.50	18.26	21.39	14.62	18.15
16	20.68	13.23	17.33	20.66	13.60	17.59	21.29	14.11	17.83	21.23	14.51	17.82
17	21.25	13.18	17.98	20.78	13.72	17.50	21.18	13.93	17.57	21.22	14.74	17.92
18	21.36	13.82	17.84	20.67	13.21	17.16	21.04	14.03	17.49	21.17	15.01	18.05
19	21.24	13.76	17.61	20.19	12.96	16.95	20.98	14.37	17.59	21.06	15.35	18.05
20	20.47	13.42	17.11	20.94	13.38	17.34	20.79	15.03	17.79	21.03	16.00	18.43
21	20.54	13.68	17.16	20.66	14.10	17.51	20.27	15.24	17.70	21.05	16.54	18.75
22	20.40	14.06	17.26	20.51	14.47	17.44	20.16	15.21	17.35	21.02	16.41	18.60
23	20.25	14.64	17.41	20.59	14.74	17.43	19.69	15.19	17.27	20.71	15.99	18.22
24	20.20	15.14	17.50	20.53	15.72	17.82	19.59	15.42	17.44	20.15	15.68	18.00
25	19.99	15.54	17.77	20.16	15.87	17.95	19.46	15.51	17.44	20.33	15.91	18.27
26	20.10	14.87	17.31	19.99	15.27	17.47	20.08	15.99	17.97	20.53	16.24	18.46
27	19.27	15.39	17.33	19.10	14.56	16.82	20.14	15.95	18.07	20.90	16.19	18.57
28	19.74	14.75	17.37	19.12	15.20	17.20	20.32	15.81	18.22	21.44	16.32	18.98
29	18.80	14.39	16.73	19.32	15.09	17.35	21.28	16.01	18.72	21.64	15.91	18.92
30	---	---	---	19.86	15.13	17.61	21.00	15.34	18.42	21.11	15.01	18.33
31	---	---	---	20.20	14.68	17.56	---	---	---	21.43	14.67	18.11
MONTH	21.58	13.18	17.75	20.94	12.96	17.40	21.54	13.93	17.82	21.73	14.07	18.18
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.79	14.74	18.24	21.58	14.26	18.07	21.06	13.58	17.48	20.49	14.20	17.38
2	21.83	14.71	18.19	21.67	13.90	17.70	20.98	14.30	17.79	20.58	14.69	17.64
3	21.97	15.00	18.29	21.65	14.70	18.26	20.69	14.34	17.65	20.18	15.09	17.58
4	21.92	15.01	18.43	21.23	14.94	18.15	20.41	14.61	17.44	19.88	14.95	17.40
5	21.26	14.87	18.12	20.95	14.67	17.93	20.36	14.51	17.52	19.94	15.23	17.50
6	21.12	15.04	18.10	20.64	14.66	17.70	20.48	15.08	17.79	20.04	15.36	17.64
7	21.09	15.24	18.18	20.73	14.80	17.81	20.62	15.56	18.05	20.32	15.50	17.91
8	20.83	15.07	18.08	20.82	15.01	17.87	20.62	15.53	18.06	20.48	15.64	18.01
9	20.82	14.91	17.98	20.47	14.85	17.60	20.53	15.31	17.91	20.56	15.57	18.07
10	20.07	14.65	17.88	20.52	14.69	17.51	20.50	15.19	17.82	20.64	15.53	18.15
11	21.99	15.79	18.94	20.62	14.87	17.65	20.39	14.90	17.66	20.50	15.34	18.04
12	22.34	15.81	19.15	20.61	14.69	17.61	20.33	14.86	17.51	20.98	15.20	18.38
13	22.15	15.90	19.03	20.47	14.48	17.36	20.48	15.13	17.82	21.01	15.92	18.58
14	21.69	15.67	18.76	20.57	14.67	17.48	20.26	14.93	17.67	21.47	16.07	18.98
15	21.57	15.52	18.48	20.38	14.77	17.46	20.31	14.97	17.76	21.33	16.26	18.80
16	21.34	15.59	18.37	20.32	15.00	17.43	20.49	15.10	18.10	21.04	15.99	18.46
17	21.25	15.82	18.52	20.12	14.87	17.49	20.58	15.51	18.30	20.61	15.65	18.10
18	20.67	15.72	18.22	20.07	14.95	17.55	20.51	15.54	18.10	20.53	15.52	17.92
19	20.66	15.75	18.16	19.85	14.96	17.62	20.59	15.53	18.24	20.40	15.20	17.82
20	20.51	15.89	18.28	19.92	14.84	17.62	20.51	15.64	18.19	21.08	15.68	18.26
21	20.43	15.84	18.14	19.84	15.22	17.74	20.67	15.81	18.33	21.15	15.69	18.46
22	20.65	15.99	18.63	20.12	15.33	17.82	20.99	15.90	18.44	21.41	15.35	18.53
23	20.61	16.29	18.59	20.18	15.35	17.86	20.99	15.80	18.32	21.96	14.95	18.64
24	20.61	16.10	18.43	20.40	15.38	17.83	20.98	15.14	18.12	22.49	15.87	19.39
25	20.47	15.62	18.05	20.40	14.64	17.56	21.24	14.50	18.03	22.41	15.55	19.27
26	20.79	15.11	17.93	21.15	14.95	17.98	21.36	13.91	17.90	22.37	15.25	19.01
27	21.17	15.00	18.10	21.12	14.36	17.85	21.48	13.68	17.85	22.37	15.06	18.81
28	21.72	14.94	18.42	21.28	13.58	17.48	20.98	13.57	17.61	22.36	15.25	18.76
29	22.19	15.05	18.71	21.95	14.18	18.08	21.11	13.54	17.61	21.87	15.31	18.69
30	22.00	14.75	18.63	21.63	14.04	18.01	21.25	14.06	17.79	22.00	16.01	18.90
31	---	---	---	21.06	13.82	17.67	21.00	14.23	17.63	---	---	---
MONTH	22.34	14.65	18.37	21.95	13.58	17.73	21.48	13.54	17.89	22.49	14.20	18.30
YEAR	22.49	12.68	17.91									

EDISTO RIVER BASIN

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21'', long 81°21'57'', Aiken County, Hydrologic Unit 03050204, at center of downstream side of bridge, on county dirt road, 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.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to February 1988, gage at same site, at different datum.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	23	24	28	25	26	27	24	22	35	21	20
2	22	22	25	27	25	26	27	24	22	27	20	20
3	22	22	27	30	24	26	26	24	23	33	21	20
4	22	22	28	28	23	26	26	24	30	29	20	21
5	22	22	25	27	24	26	26	24	26	26	20	22
6	22	22	25	27	26	37	26	26	24	25	21	22
7	21	22	26	26	25	40	26	26	23	23	21	22
8	21	22	27	26	24	35	26	30	28	21	20	22
9	21	26	25	25	24	34	26	27	37	20	20	22
10	21	35	25	25	24	31	26	20	27	20	20	22
11	21	27	25	25	24	31	26	22	25	20	20	22
12	21	26	25	24	23	27	26	23	32	20	21	21
13	21	24	24	32	23	25	26	24	31	20	31	21
14	21	24	24	33	24	25	25	24	51	20	38	20
15	22	23	24	28	25	26	25	23	39	20	35	20
16	22	23	24	26	27	29	24	22	32	20	28	20
17	21	23	25	25	27	29	24	21	28	20	25	20
18	21	23	25	25	28	28	24	21	25	22	25	21
19	21	23	25	33	27	31	24	22	22	22	29	21
20	21	22	24	29	26	31	31	23	22	26	34	21
21	22	23	25	27	25	29	36	22	22	25	30	21
22	22	24	24	26	25	28	36	22	22	24	28	21
23	22	24	25	32	32	30	30	22	22	25	26	21
24	22	23	29	29	29	28	28	21	22	24	24	28
25	21	23	25	27	31	30	26	21	21	22	23	26
26	23	23	25	26	66	39	25	22	22	22	23	24
27	23	24	26	26	43	32	25	22	26	21	22	24
28	22	24	33	26	31	30	25	22	26	23	23	24
29	22	23	37	25	27	29	24	23	25	24	23	23
30	22	23	29	25	---	29	25	23	30	24	21	22
31	22	---	28	25	---	28	---	22	---	22	21	---
TOTAL	670	710	808	843	807	921	797	717	807	725	754	654
MEAN	21.6	23.7	26.1	27.2	27.8	29.7	26.6	23.1	26.9	23.4	24.3	21.8
MAX	23	35	37	33	66	40	36	30	51	35	38	28
MIN	21	22	24	24	23	25	24	20	21	20	20	20
CFSM	.69	.76	.84	.87	.89	.95	.85	.74	.86	.75	.78	.70
IN.	.80	.85	.96	1.01	.96	1.10	.95	.85	.96	.86	.90	.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	MEAN	22.8	23.6	24.6	25.1	25.2	24.5	24.1	22.4	21.6	21.7	22.7	21.0
MAX	30.4	31.4	28.1	29.2	29.9	33.7	33.3	32.5	27.6	26.6	32.7	25.0	
(WY)	1991	1986	1982	1987	1983	1983	1983	1984	1983	1984	1991	1983	
MIN	16.5	18.8	18.8	18.5	18.2	15.3	17.6	17.6	14.6	13.6	15.8	17.0	
(WY)	1989	1990	1989	1990	1989	1989	1990	1990	1990	1990	1990	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1981 - 1992

ANNUAL TOTAL	8655	9213											
ANNUAL MEAN	23.7	25.2								23.4			
HIGHEST ANNUAL MEAN										27.5			1983
LOWEST ANNUAL MEAN										17.2			1990
HIGHEST DAILY MEAN	73	Aug 2	66	Feb 26						114	Oct 23		1990
LOWEST DAILY MEAN	16	Sep 10	20	* May 10						11	Jul 20		1990
ANNUAL SEVEN-DAY MINIMUM	17	Feb 16	20	Jul 9						12	Mar 11		1989
INSTANTANEOUS PEAK FLOW			102	Feb 26						229	Oct 23		1990
INSTANTANEOUS PEAK STAGE			4.32	Feb 26						6.21	Oct 23		1990
ANNUAL RUNOFF (CFSM)	.76	.81								.75			
ANNUAL RUNOFF (INCHES)	10.32	10.98								10.21			
10 PERCENT EXCEEDS	29	31								29			
50 PERCENT EXCEEDS	22	24								23			
90 PERCENT EXCEEDS	19	21								17			

* Also occurred on July 9 - 17, Aug. 2, 4, 5, 8 - 11, Sept. 1 - 3, 14 - 17.

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, and 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.--Water-stage recorder. Datum of gage is 155.68 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Feb. 3 to Mar. 19, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge, 17,100 ft³/s by conveyance-slope study).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	667	552	623	894	885	1300	964	656	488	602	341	684
2	640	557	623	836	828	1200	909	627	466	632	341	636
3	659	561	624	821	820	1150	833	602	457	677	335	613
4	675	564	649	866	800	1200	785	580	520	761	332	584
5	665	567	662	858	750	1100	759	559	553	696	344	576
6	675	567	664	808	720	1050	744	545	555	664	424	589
7	654	573	665	759	700	1030	732	570	555	707	523	606
8	623	580	668	715	680	1020	728	632	562	711	496	653
9	602	595	676	705	660	1010	716	663	678	645	467	659
10	589	665	700	700	670	1000	698	660	742	559	415	647
11	583	716	710	685	650	990	685	647	784	489	384	630
12	577	735	687	667	630	990	695	630	819	438	371	619
13	571	759	660	689	610	960	700	630	881	405	594	604
14	561	759	642	815	610	980	691	637	1020	381	675	580
15	553	746	631	900	600	1000	677	618	1170	355	738	548
16	555	755	623	913	600	1000	664	575	1090	333	883	518
17	555	758	616	901	590	980	655	541	1100	338	976	495
18	557	730	610	852	640	920	644	522	1320	443	1160	479
19	556	689	604	893	680	860	633	513	1320	502	1200	463
20	555	660	599	959	760	795	652	562	1140	527	1290	451
21	555	645	598	970	800	785	730	564	930	566	1290	445
22	555	637	594	934	820	774	915	528	759	576	1280	447
23	555	634	591	942	880	778	993	503	655	561	1420	449
24	552	631	610	1000	1000	793	984	499	584	536	1270	556
25	552	628	640	1050	1200	809	948	491	536	539	1090	661
26	550	622	657	1050	1300	886	911	490	503	558	1120	657
27	550	618	672	1000	1350	934	932	479	490	542	1200	679
28	552	617	684	945	1400	969	896	460	522	511	1200	709
29	550	620	806	936	1400	987	791	452	517	461	1070	692
30	548	621	905	968	---	955	705	494	554	407	908	657
31	548	---	915	941	---	962	---	516	---	370	775	---
TOTAL	18139	19361	20608	26972	24033	30167	23369	17445	22270	16492	24912	17586
MEAN	585	645	665	870	829	973	779	563	742	532	804	586
MAX	675	759	915	1050	1400	1300	993	663	1320	761	1420	709
MIN	548	552	591	667	590	774	633	452	457	333	332	445
CFSM	.81	.90	.92	1.21	1.15	1.35	1.08	.78	1.03	.74	1.12	.81
IN.	.94	1.00	1.06	1.39	1.24	1.56	1.21	.90	1.15	.85	1.29	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1992, BY WATER YEAR (WY)

	MEAN	606	661	822	955	1066	1150	1035	676	566	528	587	552
MAX	2436	1786	2190	1658	2688	2328	3017	1358	1331	1257	1507	2177	
(WY)	1960	1948	1949	1964	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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1931 - 1992

ANNUAL TOTAL	321382	261354	761
ANNUAL MEAN	880	714	1468
HIGHEST ANNUAL MEAN			1965
LOWEST ANNUAL MEAN			453
HIGHEST DAILY MEAN	2250	Aug 4	12700
LOWEST DAILY MEAN	547	Jul 16	133
ANNUAL SEVEN-DAY MINIMUM	550	Oct 25	138
INSTANTANEOUS PEAK FLOW			13500
INSTANTANEOUS PEAK STAGE			10.91
INSTANTANEOUS LOW FLOW			133
ANNUAL RUNOFF (CFSM)	1.22		1.06
ANNUAL RUNOFF (INCHES)	16.60		14.37
10 PERCENT EXCEEDS	1240	1000	1350
50 PERCENT EXCEEDS	809	659	631
90 PERCENT EXCEEDS	582	493	338

* From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.

** Also occurred on July 17.

*** Also occurred on July 13, 1990.

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, and 4.6 mi north-northwest of Bamberg.

DRAINAGE AREA.-- mi².

PERIOD OF RECORD.--June 1991 to current year.

GAGE.--Data collection platform. Datum of gage is 139.23 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--WATER YEAR 1991: Records good except for estimated daily discharges, Sept. 9 to Sept. 30, which are poor.

WATER YEAR 1992: Records good except for estimated daily discharges, Oct. 1, Dec. 1 - 12, June 10 - 16, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	663	998	858
2	---	---	---	---	---	---	---	---	---	618	2290	816
3	---	---	---	---	---	---	---	---	---	574	2680	782
4	---	---	---	---	---	---	---	---	---	568	2530	759
5	---	---	---	---	---	---	---	---	---	636	2300	743
6	---	---	---	---	---	---	---	---	---	746	1860	718
7	---	---	---	---	---	---	---	---	---	933	1510	684
8	---	---	---	---	---	---	---	---	---	1080	1570	675
9	---	---	---	---	---	---	---	---	---	1150	1820	640
10	---	---	---	---	---	---	---	---	---	1000	1490	600
11	---	---	---	---	---	---	---	---	---	839	1280	560
12	---	---	---	---	---	---	---	---	---	736	1240	540
13	---	---	---	---	---	---	---	---	---	648	1200	500
14	---	---	---	---	---	---	---	---	---	578	1420	480
15	---	---	---	---	---	---	---	---	---	541	1810	460
16	---	---	---	---	---	---	---	---	---	521	1640	440
17	---	---	---	---	---	---	---	---	---	565	1570	460
18	---	---	---	---	---	---	---	---	---	574	1520	540
19	---	---	---	---	---	---	---	---	---	611	1350	480
20	---	---	---	---	---	---	---	---	---	656	1240	440
21	---	---	---	---	---	---	---	---	---	705	1070	460
22	---	---	---	---	---	---	---	---	---	835	987	480
23	---	---	---	---	---	---	---	---	---	930	911	520
24	---	---	---	---	---	---	---	---	---	906	840	560
25	---	---	---	---	---	---	---	---	---	1060	859	600
26	---	---	---	---	---	---	---	---	---	1090	980	652
27	---	---	---	---	---	---	---	---	---	939	1030	667
28	---	---	---	---	---	---	---	---	---	827	1060	660
29	---	---	---	---	---	---	---	---	---	729	1010	680
30	---	---	---	---	---	---	---	---	---	693	1260	680
31	---	---	---	---	---	---	---	---	---	1060	924	---
TOTAL	---	---	---	---	---	---	---	---	---	24859	44029	18134
MEAN	---	---	---	---	---	---	---	---	---	802	1420	604
MAX	---	---	---	---	---	---	---	---	---	1260	2680	858
MIN	---	---	---	---	---	---	---	---	---	521	840	440

EDISTO RIVER BASIN

02173030 SOUTH FORK EDISTO RIVER NEAR COPE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	660	493	580	869	827	1170	989	753	481	560	345	740
2	613	496	580	840	790	1180	966	693	450	615	333	662
3	606	501	600	811	760	1110	903	655	440	644	327	617
4	615	504	600	812	749	1040	841	614	480	719	318	589
5	627	509	620	831	732	948	801	585	515	754	324	599
6	629	512	620	817	733	896	779	562	522	698	362	616
7	618	512	640	777	737	951	779	573	517	693	435	599
8	590	516	660	732	780	960	772	643	518	715	475	608
9	555	537	660	701	760	955	760	691	584	699	451	646
10	536	597	680	701	760	967	748	699	740	621	415	650
11	527	648	700	693	740	990	740	684	840	521	375	633
12	519	675	680	673	706	1040	748	667	900	452	358	609
13	512	687	647	690	702	1120	749	649	930	410	452	594
14	506	702	618	774	697	1090	739	654	1200	384	635	578
15	500	698	596	847	684	991	730	650	1300	364	708	549
16	494	690	582	872	690	897	717	608	1200	343	802	519
17	493	698	574	867	704	837	697	558	1090	334	947	490
18	493	698	567	844	773	795	684	524	1130	384	1500	465
19	493	674	560	855	812	780	674	517	1290	461	1250	452
20	495	639	555	908	815	800	684	613	1250	497	1190	436
21	496	609	555	941	815	799	804	576	1060	529	1240	428
22	496	594	555	916	822	790	985	545	868	547	1210	428
23	497	589	551	920	957	785	1070	506	729	564	1320	433
24	496	585	562	955	1220	793	1070	482	628	547	1310	500
25	496	583	583	966	1230	810	1050	476	547	519	1130	612
26	496	582	613	980	1230	881	1010	469	502	518	1020	677
27	496	572	643	962	1150	934	980	469	478	525	1080	670
28	496	574	689	907	1050	962	998	453	506	506	1150	697
29	496	577	781	866	1060	1000	945	440	516	470	1090	723
30	494	577	824	858	---	1000	833	455	514	416	967	694
31	489	---	866	854	---	985	---	490	---	373	835	---
TOTAL	16529	17828	19541	26039	24485	29256	25245	17953	22725	16382	24354	17513
MEAN	533	594	630	840	844	944	841	579	757	665	1103	594
MAX	660	702	866	980	1230	1180	1070	753	1300	754	1500	740
MIN	489	493	551	673	684	780	674	440	440	334	318	428

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
MEAN	533	594	630	840	844	944	841	579	757	665	1103	594
MAX	533	594	630	840	844	944	841	579	757	802	1420	604
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991	1991	1991
MIN	533	594	630	840	844	944	841	579	757	528	786	584
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	257850											
ANNUAL MEAN	705									705		
HIGHEST ANNUAL MEAN										705		1992
LOWEST ANNUAL MEAN										705		1992
HIGHEST DAILY MEAN	1500	Aug 18								2680	Aug 3	1991
LOWEST DAILY MEAN	318	Aug 4								318	Aug 4	1992
ANNUAL SEVEN-DAY MINIMUM	340	Jul 31								340	Jul 31	1992
INSTANTANEOUS PEAK FLOW	1670	Aug 18								2960	Aug 2	1991
INSTANTANEOUS PEAK STAGE	9.70	Aug 18								10.23	Aug 2	1991
INSTANTANEOUS LOW FLOW	317	* Aug 4								317	* Aug 4	1992
10 PERCENT EXCEEDS	1010									1090		
50 PERCENT EXCEEDS	671									684		
90 PERCENT EXCEEDS	473									480		

* Also occurred on Aug. 5.

EDISTO RIVER BASIN

02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC

LOCATION.--Lat 33°20'13'', long 81°01'08'', Bamberg County, Hydrologic Unit 03050204, on downstream side of upstream bridge, on U.S. Highway 301/601 and 3.0 mi north of Bamberg.

DRAINAGE AREA.-- mi².

PERIOD OF RECORD.--April 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--WATER YEAR 1991: No estimated daily discharges. Records good.

WATER YEAR 1992: Records good except for estimated daily discharges, Mar. 20 - 23, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	1950	1540	996	1580	1520
2	---	---	---	---	---	---	---	1720	1550	939	2830	1400
3	---	---	---	---	---	---	---	1480	1650	858	4360	1310
4	---	---	---	---	---	---	---	1440	1490	817	3840	1250
5	---	---	---	---	---	---	---	1540	1300	897	3530	1210
6	---	---	---	---	---	---	---	1720	1170	1020	2920	1170
7	---	---	---	---	---	---	---	2000	1120	1250	2350	1140
8	---	---	---	---	---	---	---	2020	1090	1510	2350	1150
9	---	---	---	---	---	---	1840	1820	1120	1680	2790	1110
10	---	---	---	---	---	---	1760	1730	1110	1590	2500	1070
11	---	---	---	---	---	---	1620	1580	1040	1340	2050	1010
12	---	---	---	---	---	---	1500	1450	947	1140	1980	940
13	---	---	---	---	---	---	1440	1490	850	1000	2060	892
14	---	---	---	---	---	---	1400	1540	814	882	2280	861
15	---	---	---	---	---	---	1340	1460	883	787	2850	835
16	---	---	---	---	---	---	1300	1380	938	739	2790	805
17	---	---	---	---	---	---	1390	1500	930	797	2480	799
18	---	---	---	---	---	---	1520	1570	897	847	2420	855
19	---	---	---	---	---	---	1490	1760	995	856	2190	846
20	---	---	---	---	---	---	1400	1830	1050	923	2030	798
21	---	---	---	---	---	---	1300	1560	1100	965	1770	782
22	---	---	---	---	---	---	1210	1450	1230	1090	1580	802
23	---	---	---	---	---	---	1160	1470	1270	1330	1460	839
24	---	---	---	---	---	---	1130	1420	1180	1330	1360	884
25	---	---	---	---	---	---	1100	1340	1120	1400	1430	947
26	---	---	---	---	---	---	1060	1370	1070	1600	1690	1070
27	---	---	---	---	---	---	1090	1450	1050	1470	1830	1120
28	---	---	---	---	---	---	1160	1560	1070	1280	1830	1110
29	---	---	---	---	---	---	1280	1500	1090	1360	1790	1110
30	---	---	---	---	---	---	1670	1540	1050	1970	1770	1150
31	---	---	---	---	---	---	---	1700	---	1860	1680	---
TOTAL	---	---	---	---	---	---	---	49340	33714	36523	70370	30785
MEAN	---	---	---	---	---	---	---	1592	1124	1178	2270	1026
MAX	---	---	---	---	---	---	---	2020	1650	1970	4360	1520
MIN	---	---	---	---	---	---	---	1340	814	739	1360	782

EDISTO RIVER BASIN

297

02173051 SOUTH FORK EDISTO RIVER NEAR BAMBERG, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1110	712	881	1430	1270	1650	1370	1010	622	769	371	1120
2	1050	719	886	1380	1210	1720	1360	924	559	881	340	998
3	1040	727	899	1330	1140	1650	1290	862	527	936	333	915
4	1020	740	939	1300	1100	1540	1190	800	628	1020	322	863
5	1040	748	960	1320	1080	1430	1120	741	715	1110	322	974
6	1060	755	969	1310	1070	1360	1080	701	727	1060	356	1010
7	1040	758	974	1240	1070	1420	1060	716	712	1010	454	990
8	1000	768	987	1150	1060	1470	1060	838	705	1010	571	954
9	947	814	998	1090	1040	1430	1050	933	795	1020	547	951
10	896	941	1010	1070	1030	1400	1030	944	960	959	483	967
11	858	1030	1030	1060	1020	1420	1010	920	1050	812	412	957
12	829	1060	1050	1040	1020	1450	1030	892	1150	618	375	917
13	807	1080	1030	1070	1020	1560	1020	865	1320	494	499	874
14	787	1100	999	1190	1010	1570	1000	863	1620	431	823	841
15	771	1100	958	1340	1000	1460	989	865	1880	391	1070	798
16	759	1090	927	1400	1000	1330	968	831	2030	361	1190	738
17	752	1090	906	1370	1030	1230	938	751	1790	343	1410	666
18	747	1090	891	1340	1110	1160	916	670	1670	404	2260	604
19	743	1080	876	1370	1190	1130	896	628	1890	550	2390	562
20	742	1040	861	1420	1190	1180	907	861	1970	647	1880	526
21	737	992	854	1480	1170	1200	1060	916	1740	782	1870	502
22	738	953	854	1460	1170	1160	1350	790	1430	782	1890	513
23	740	928	854	1470	1390	1120	1500	679	1160	829	1950	527
24	739	915	868	1510	1830	1130	1460	595	993	883	2180	755
25	736	900	893	1520	1980	1140	1380	565	853	760	1930	956
26	733	892	931	1520	1910	1240	1310	558	728	700	1580	1050
27	730	881	980	1490	1820	1330	1240	564	647	706	1530	1050
28	725	871	1030	1430	1640	1350	1250	543	669	684	1630	1050
29	717	867	1270	1350	1530	1380	1230	516	735	617	1630	1100
30	710	871	1430	1310	---	1410	1120	550	729	510	1500	1070
31	709	---	1470	1310	---	1390	---	615	---	419	1300	---
TOTAL	26012	27512	30465	41070	36100	42410	34184	23506	33004	22498	35398	25798
MEAN	839	917	983	1325	1245	1368	1139	758	1100	726	1142	860
MAX	1110	1100	1470	1520	1980	1720	1500	1010	2030	1110	2390	1120
MIN	709	712	854	1040	1000	1120	896	516	527	343	322	502

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	839	917	983	1325	1245	1368	1139	1175	1112	952	1706	943
MAX	839	917	983	1325	1245	1368	1139	1592	1124	1178	2270	1026
(WY)	1992	1992	1992	1992	1992	1992	1992	1991	1991	1991	1991	1991
MIN	839	917	983	1325	1245	1368	1139	758	1100	726	1142	860
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	377957	
ANNUAL MEAN	1033	
HIGHEST ANNUAL MEAN		1033
LOWEST ANNUAL MEAN		1033
HIGHEST DAILY MEAN	2390	Aug 19
LOWEST DAILY MEAN	322	* Aug 4
ANNUAL SEVEN-DAY MINIMUM	352	Jul 31
INSTANTANEOUS PEAK FLOW	2790	Aug 18
INSTANTANEOUS PEAK STAGE	11.48	Aug 18
INSTANTANEOUS LOW FLOW	315	Aug 4
10 PERCENT EXCEEDS	1500	
50 PERCENT EXCEEDS	1000	
90 PERCENT EXCEEDS	601	

* Also occurred on Aug. 5.

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 National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. About 10.4 ft³/s, 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	806	600	628	1130	801	1190	919	706	493	613	463	686
2	773	601	630	1010	759	1100	922	647	479	647	456	619
3	797	600	641	953	725	1020	882	624	471	660	464	583
4	799	599	677	954	700	966	823	601	519	708	453	557
5	795	598	703	964	691	898	775	567	547	748	423	681
6	835	598	708	908	709	860	747	548	542	754	432	827
7	878	603	707	847	712	898	728	573	532	750	484	856
8	834	611	711	802	704	948	722	683	519	712	470	872
9	776	641	717	781	692	953	716	761	566	622	458	804
10	727	732	720	769	670	935	702	796	642	524	435	745
11	700	800	720	747	656	941	713	792	700	467	408	699
12	670	835	696	720	650	943	774	750	768	436	390	657
13	653	831	672	755	642	976	776	712	871	415	657	613
14	645	808	655	866	635	962	726	703	984	405	885	559
15	636	782	650	984	634	885	681	686	1060	391	1070	521
16	633	770	641	1040	648	823	657	629	1100	376	1120	498
17	633	766	632	966	684	779	649	578	1130	369	1170	485
18	637	743	628	878	764	749	651	542	1160	417	1380	472
19	649	704	623	885	808	767	661	533	1120	443	1540	461
20	648	669	619	927	812	809	667	569	986	465	1520	453
21	641	653	616	954	802	834	837	508	877	488	1380	447
22	638	646	613	929	785	835	1080	476	804	482	1270	447
23	638	643	614	940	954	840	1270	458	706	484	1250	479
24	633	642	644	969	1210	844	1310	445	623	535	1160	565
25	625	641	699	987	1300	854	1110	432	572	528	1130	606
26	615	637	753	986	1300	926	947	453	519	477	1190	630
27	612	633	757	952	1200	969	920	464	489	444	1140	663
28	610	630	766	888	1150	963	970	451	496	439	1050	751
29	603	629	890	851	1190	946	903	449	596	492	989	1010
30	600	628	1070	836	---	933	803	499	640	477	894	1090
31	599	---	1190	831	---	921	---	515	---	461	794	---
TOTAL	21338	20273	21990	28009	23987	28267	25041	18150	21511	16229	26925	19336
MEAN	688	676	709	904	827	912	835	585	717	524	869	645
MAX	878	835	1190	1130	1300	1190	1310	796	1160	754	1540	1090
MIN	599	598	613	720	634	749	649	432	471	369	390	447
CFSM	1.01	.99	1.04	1.32	1.21	1.34	1.22	.86	1.05	.77	1.27	.94
IN.	1.16	1.10	1.20	1.53	1.31	1.54	1.36	.99	1.17	.88	1.47	1.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

	MEAN	637	650	789	919	1013	1098	960	709	646	625	665	627
MAX	2585	1467	1748	1555	2249	1949	1986	1447	1627	1426	1666	1904	
(WY)	1965	1960	1949	1964	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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1939 - 1992

ANNUAL TOTAL	357732	271056	
ANNUAL MEAN	980	741	
HIGHEST ANNUAL MEAN			779
LOWEST ANNUAL MEAN			1389
HIGHEST DAILY MEAN	3080	Jul 31	437
LOWEST DAILY MEAN	547	Jun 13	190
ANNUAL SEVEN-DAY MINIMUM	599	Oct 31	194
INSTANTANEOUS PEAK FLOW			* 9500
INSTANTANEOUS PEAK STAGE		7.69	Aug 19
INSTANTANEOUS LOW FLOW		364	Jul 17
ANNUAL RUNOFF (CFSM)	1.43	1.08	1.14
ANNUAL RUNOFF (INCHES)	19.48	14.76	15.49
10 PERCENT EXCEEDS	1450	1030	1280
50 PERCENT EXCEEDS	866	704	670
90 PERCENT EXCEEDS	633	472	379

* From rating curve extended above 5,300 ft³/s by velocity-area studies.

LOCATION.--Lat 33°10'35", long 80°48'05", Bamberg County, Hydrologic Unit 03050205, on right bank 400 ft downstream from bridge on U.S. Highway 21, 4.7 mi downstream from Brier Branch, 5.2 mi south of Branchville, and at mile 100.0.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP
1303

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 13.5 ft, present datum, in September 1928, on basis of information from State Highway Department, discharge, 25,700 ft³/s, by conveyance-slope study.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1940	1180	1330	2140	2480	3470	2550	2390	1100	1460	947	2690
2	1970	1180	1330	2400	2400	3250	2540	2220	1100	1540	902	2450
3	1990	1170	1340	2590	2340	3250	2490	1940	1070	1570	879	2150
4	1900	1180	1380	2620	2230	3290	2440	1670	1100	1610	872	1830
5	1810	1180	1400	2520	2100	3160	2360	1490	1190	1680	862	1600
6	1770	1180	1430	2410	1990	3000	2230	1370	1240	1720	842	1500
7	1760	1190	1460	2360	1910	2920	2060	1300	1240	1780	842	1620
8	1750	1190	1490	2340	1880	2870	1920	1310	1200	1780	877	1880
9	1750	1210	1510	2260	1860	2860	1830	1370	1190	1710	940	2100
10	1760	1280	1520	2110	1830	2850	1780	1470	1220	1650	962	2180
11	1710	1340	1530	1950	1790	2820	1810	1580	1300	1590	936	2070
12	1590	1430	1550	1840	1750	2750	1900	1640	1600	1430	885	1940
13	1480	1550	1570	1810	1730	2710	1820	1650	1960	1190	851	1800
14	1400	1670	1590	1880	1700	2700	1800	1620	2210	1020	903	1660
15	1350	1750	1590	1950	1680	2750	1800	1550	2530	935	1100	1530
16	1320	1790	1540	2100	1670	2780	1770	1490	3130	891	1430	1400
17	1290	1800	1470	2280	1670	2680	1690	1460	3640	893	1870	1300
18	1260	1790	1420	2450	1770	2500	1610	1390	3570	865	2410	1210
19	1240	1760	1380	2560	1950	2340	1540	1270	3290	874	3170	1140
20	1240	1740	1350	2590	2150	2240	1540	1200	3200	945	4120	1080
21	1240	1720	1330	2590	2280	2170	1820	1320	3310	996	4150	1040
22	1240	1660	1310	2590	2290	2150	2310	1610	3250	1060	3900	1010
23	1240	1580	1300	2690	2370	2160	2790	1590	2950	1140	4040	998
24	1240	1490	1300	2810	2780	2170	3140	1310	2590	1180	4040	1030
25	1240	1430	1300	2850	3290	2150	3220	1130	2210	1200	3960	1090
26	1230	1400	1310	2860	3810	2170	3170	1050	1820	1230	3880	1260
27	1230	1380	1360	2840	3970	2220	3020	1020	1500	1160	3530	1500
28	1220	1360	1450	2810	3920	2330	2790	1020	1440	1090	3160	1630
29	1200	1350	1590	2780	3750	2450	2550	1020	1340	1050	2990	1660
30	1190	1340	1690	2700	---	2500	2440	1020	1320	1030	2940	1670
31	1190	---	1870	2590	---	2530	---	1090	---	1000	2850	---
TOTAL	45740	43270	44990	75270	67340	82190	66730	44560	59810	39269	66040	48018
MEAN	1475	1442	1451	2428	2322	2651	2224	1437	1994	1267	2130	1601
MAX	1990	1800	1870	2860	3970	3470	3220	2390	3640	1780	4150	2690
MIN												

MEAN	1524	1493	1965	2430	2831	3039	2678	1822	1525	1376	1486	1421
MAX	6495	4515	5641	4170	7123	5319	5742	3692	4284	3492	4456	5938
(WY)	1965	1960	1949	1973	1960	1948	1961	1984	1973	1964	1991	1964
MIN	481	640	902	945	1086	1192	1142	789	476	475	445	453
(WY)	1955	1955	1957	1956	1989	1955	1985	1981	1956	1956	1956	1954

ANNUAL TOTAL	939890		683227				
ANNUAL MEAN	2575		1867			1961	
HIGHEST ANNUAL MEAN						3697	1960
LOWEST ANNUAL MEAN						980	1955
HIGHEST DAILY MEAN	6590	Aug 5	4150	Aug 21	14400		Sep 3 1964
LOWEST DAILY MEAN	1170	Nov 3	842	Aug 6	325		Jul 13 1990
ANNUAL SEVEN-DAY MINIMUM	1180	Oct 31	868	Aug 2	350		Jul 9 1990
INSTANTANEOUS PEAK FLOW			4270	Aug 20	14600		Sep 3 1964
INSTANTANEOUS PEAK STAGE			7.98	Aug 20	11.44		Sep 3 1964
INSTANTANEOUS LOW FLOW			834 *	Aug 6	** 323		Aug 14 1956
ANNUAL RUNOFF (CFMS)	1.50		1.09		1.14		
ANNUAL RUNOFF (INCHES)	20.33		14.78		15.49		
10 PERCENT EXCEEDS	4200		2880		3600		
50 PERCENT EXCEEDS	2310		1670		1580		
90 PERCENT EXCEEDS	1340		1080		799		

** Also occurred on July 13, 1990.

EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC
(National stream-quality accounting network station)

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.--Water-stage recorder. Datum of gage is 20.46 ft National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. About 118 ft³/s a day 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1510	1040	1300	1670	3480	5110	2790	4250	1580	2090	922	4620
2	1570	1030	1280	1770	3380	5230	2820	3890	1480	2170	880	4100
3	1630	1020	1290	1900	3240	5250	2820	3540	1380	2400	852	3700
4	1670	1020	1320	2060	3080	5160	2810	3200	1400	2580	1320	3340
5	1700	1020	1340	2250	2950	4990	2760	2820	1500	2640	1650	3040
6	1720	1020	1360	2410	2830	4800	2680	2410	1590	2630	1310	2830
7	1690	1030	1380	2500	2710	4660	2610	2090	1620	2580	1510	2640
8	1640	1040	1410	2530	2570	4500	2530	2020	1600	2560	1600	2350
9	1580	1070	1440	2510	2450	4290	2410	2040	1550	2520	1370	2170
10	1550	1130	1470	2460	2350	4060	2270	2030	1530	2430	1190	2180
11	1550	1180	1470	2430	2280	3870	2140	1980	1600	2300	1080	2240
12	1560	1220	1490	2380	2220	3720	2130	1940	2120	2150	980	2340
13	1540	1280	1500	2280	2170	3620	2230	1950	3270	1960	880	2380
14	1490	1360	1520	2280	2110	3520	2350	1980	4230	1750	861	2360
15	1400	1430	1540	2300	2060	3410	2440	1990	4870	1360	991	2250
16	1330	1500	1550	2330	2030	3300	2520	1940	4800	1080	1490	2110
17	1280	1570	1560	2330	2030	3230	2520	1860	4520	946	2230	1980
18	1230	1630	1530	2330	2180	3200	2480	1770	4400	931	2990	1860
19	1190	1660	1490	2410	2390	3200	2400	1690	4480	927	3610	1760
20	1170	1680	1430	2540	2520	3190	2280	1670	4560	892	4140	1580
21	1140	1670	1380	2710	2600	3100	2210	1690	4500	916	4610	1460
22	1130	1660	1340	2820	2680	2930	2730	1620	4340	985	5290	1350
23	1120	1650	1320	2980	2780	2760	3470	1650	4260	1040	6350	1250
24	1120	1630	1300	3180	2960	2620	4160	1770	4300	1110	7170	1290
25	1110	1560	1290	3370	3240	2540	4680	1810	4220	1170	7690	1260
26	1100	1480	1280	3470	3590	2550	4910	1640	3940	1200	7900	1240
27	1090	1410	1270	3520	3950	2640	4960	1410	3480	1210	7830	1270
28	1080	1360	1290	3540	4380	2710	4940	1320	2940	1180	7490	1360
29	1070	1330	1390	3560	4820	2710	4820	1400	2490	1100	6870	1480
30	1060	1310	1500	3550	---	2710	4570	1530	2220	1020	6120	1570
31	1050	---	1590	3530	---	2740	---	1590	---	960	5290	---
TOTAL	42070	39990	43620	81900	82030	112320	91440	64490	90770	50787	104466	65360
MEAN	1357	1333	1407	2642	2829	3623	3048	2080	3026	1638	3370	2179
MAX	1720	1680	1590	3560	4820	5250	4960	4250	4870	2640	7900	4620
MIN	1050	1020	1270	1670	2030	2540	2130	1320	1380	892	852	1240
CFSM	.50	.49	.52	.97	1.04	1.33	1.12	.76	1.11	.60	1.23	.80
IN.	.57	.54	.59	1.12	1.12	1.53	1.25	.88	1.24	.69	1.42	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

	1803	1580	2363	3116	4111	4758	3775	2233	1838	1743	2008	1953
MEAN	1803	1580	2363	3116	4111	4758	3775	2233	1838	1743	2008	1953
MAX	13060	7657	10790	6861	10910	9963	8972	5857	9000	7902	8300	9478
(WY)	1965	1960	1949	1946	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

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1939 - 1992

ANNUAL TOTAL	1445790	869243	2604
ANNUAL MEAN	3961	2375	5225
HIGHEST ANNUAL MEAN			1191
LOWEST ANNUAL MEAN			1960
HIGHEST DAILY MEAN	13000	7900	24100
LOWEST DAILY MEAN	1020	852	252
ANNUAL SEVEN-DAY MINIMUM	1030	948	257
INSTANTANEOUS PEAK FLOW		7920	24500
INSTANTANEOUS PEAK STAGE		11.71	15.84
INSTANTANEOUS LOW FLOW		830	250
ANNUAL RUNOFF (CFSM)	1.45	.87	.95
ANNUAL RUNOFF (INCHES)	19.70	11.84	12.96
10 PERCENT EXCEEDS	8340	4310	5410
50 PERCENT EXCEEDS	3170	2070	1800
90 PERCENT EXCEEDS	1280	1120	725

EDISTO RIVER BASIN
02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967 to July 1973, 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3	ALKA- LITY LAB (MG/L AS CACO3)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	HARD- NESS TOTAL (MG/L AS CACO3)
NOV 26...	1100	1490	770	14.0	K33	K37	11	14	8.2	79	15
JAN 28...	1430	3540	765	10.0	870	1700	9	12	9.8	86	20
MAR 24...	1300	2620	765	13.5	280	K33	12	15	7.8	75	19
MAY 27...	1000	1420	760	22.5	160	150	--	18	6.3	73	22
AUG 07...	1400	1570	772	26.0	330	410	--	13	6.7	82	22
SEP 30...	1345	1580	765	21.5	130	100	11	14	--	--	17

DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TUR- BID- ITY (NTU)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
NOV 26...	6.7	61	2.1	4.4	1.0	1.7	6.1	43	0.7	8.4	<0.10
JAN 28...	6.6	71	3.7	6.3	1.1	1.4	4.8	32	0.5	7.3	0.20
MAR 24...	7.4	65	3.1	5.7	1.1	1.4	5.1	35	0.5	6.8	<0.10
MAY 27...	7.1	80	4.2	6.8	1.1	1.5	6.5	38	0.6	8.6	<0.10
AUG 07...	6.9	79	4.0	7.0	1.0	1.2	5.0	32	0.5	6.4	<0.10
SEP 30...	6.6	72	4.1	5.0	1.1	1.6	6.0	41	0.6	8.3	<0.10

DATE	SULFATE DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
NOV 26...	4.9	7.2	66	40	0.09	266	--	<0.010	<0.010	0.120	0.120
JAN 28...	6.6	4.8	45	38	0.06	430	0.100	0.020	0.010	0.120	0.110
MAR 24...	3.3	2.3	46	33	0.06	325	--	<0.010	<0.010	0.180	0.180
MAY 27...	5.3	5.1	63	48	0.09	242	--	<0.010	<0.010	0.390	0.380
AUG 07...	10	5.7	71	45	0.10	301	0.230	<0.010	0.010	0.250	0.240
SEP 30...	7.0	7.9	61	44	0.08	260	--	<0.010	<0.010	0.110	0.110

EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)
NOV 26...	0.040	0.05	0.020	0.38	0.40	0.06	0.020	0.020	0.070	0.080	80
JAN 28...	0.010	0.01	0.020	0.38	0.40	0.03	0.010	0.020	0.030	0.040	130
MAR 24...	0.050	0.06	0.040	0.26	0.30	0.06	0.020	0.030	0.020	0.030	--
MAY 27...	0.060	0.08	0.050	0.45	0.50	0.09	0.030	0.050	0.060	0.060	70
AUG 07...	0.040	0.05	0.050	0.45	0.50	0.09	0.030	0.030	0.050	0.060	--
SEP 30...	0.030	0.04	0.030	0.37	0.40	0.06	0.020	0.030	0.040	0.070	<10

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. 7 FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)
NOV 26...	29	<3	430	3	12	<4	18	90	<10	<1	<1
JAN 28...	32	<3	310	2	19	<4	11	100	<10	<1	<1
MAR 24...	--	--	--	3	21	--	--	100	--	--	--
MAY 27...	43	<3	540	6	23	<4	25	100	<10	1	<1
AUG 07...	--	--	--	11	47	--	--	100	--	--	--
SEP 30...	33	<3	570	12	51	<4	26	83	<10	<1	<1

DATE	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO4)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)	NITRO- GEN, TOTAL (MG/L AS NO3)
NOV 26...	<1.0	20	<6	0.52	--	0.06	6	0.03	--	--	2.3
JAN 28...	<1.0	21	<6	0.51	0.100	0.06	13	0.03	0.44	0.07	2.3
MAR 24...	--	--	--	0.48	--	0.09	9	0.05	--	--	2.1
MAY 27...	<1.0	25	<6	0.88	--	0.15	--	0.06	--	--	3.9
AUG 07...	--	--	--	0.74	--	0.09	--	0.06	--	--	3.3
SEP 30...	<1.0	22	<6	0.51	--	0.09	8	0.04	--	--	2.3

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

COMBAHEE RIVER BASIN

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

LOCATION.--Lat 32°59'20'', long 81°03'10'', Hampton County, Hydrologic Unit 03050207, on right bank, 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 64.35 ft above National Geodetic Vertical Datum of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, Apr. 3 - 17, 19 - 22, 26 - 29, May 18 - 20, 21, 23, 25 - 27, June 4 - 7, 10, 11, 14 - 30, July 1, Sept. 19 - 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	358	234	292	539	384	591	399	252	289	340	155	283
2	326	235	293	540	373	510	360	239	374	473	142	364
3	341	234	303	530	366	449	340	224	402	726	138	424
4	334	234	350	483	349	401	300	206	365	866	154	296
5	303	235	373	426	336	375	240	188	340	876	148	305
6	303	237	376	376	333	379	210	180	314	764	187	470
7	315	237	381	352	337	445	220	197	310	612	197	653
8	316	240	387	340	335	457	250	237	333	440	216	833
9	290	263	379	325	335	467	260	264	342	316	204	899
10	269	339	360	309	341	496	500	272	500	254	185	699
11	258	378	337	294	336	493	760	269	550	206	172	615
12	238	385	317	283	321	468	700	254	677	170	147	550
13	220	433	304	313	308	418	600	231	1070	166	133	470
14	209	455	294	416	301	375	520	214	1200	153	161	405
15	204	446	286	435	298	344	410	201	1150	138	280	366
16	214	421	279	457	309	321	380	192	1220	137	448	324
17	208	376	275	537	340	309	350	191	1200	154	670	275
18	204	334	270	545	450	302	298	185	1000	156	988	243
19	202	303	266	566	523	326	260	200	800	178	931	225
20	203	288	262	535	514	356	290	215	610	215	849	215
21	205	282	259	476	539	355	450	170	510	311	752	205
22	205	280	259	455	519	362	690	168	420	414	972	195
23	203	280	260	525	557	378	794	155	340	540	1170	188
24	203	280	263	596	708	385	805	146	270	570	1150	186
25	203	280	266	563	854	369	713	125	230	635	1080	199
26	205	284	271	542	1030	385	560	122	210	527	844	247
27	214	286	279	540	941	407	450	118	200	376	642	296
28	227	289	307	509	828	413	390	125	220	281	485	301
29	233	289	377	488	710	444	320	135	270	258	400	305
30	234	290	414	448	---	450	274	177	330	221	339	285
31	234	---	470	409	---	439	---	253	---	179	302	---
TOTAL	7681	9147	9809	14152	13875	12669	13093	6105	16046	11652	14641	11321
MEAN	248	305	316	457	478	409	436	197	535	376	472	377
MAX	358	455	470	596	1030	591	805	272	1220	876	1170	899
MIN	202	234	259	283	298	302	210	118	200	137	133	186
CFSM	.73	.89	.93	1.34	1.40	1.20	1.28	.58	1.57	1.10	1.39	1.11
IN.	.84	1.00	1.07	1.54	1.51	1.38	1.43	.67	1.75	1.27	1.60	1.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

	MEAN	251	267	373	446	523	555	428	296	262	225	250	226
MAX	1038	731	794	780	1303	1224	918	766	866	877	1038	800	
(WY)	1960	1960	1972	1978	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	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1951 - 1992

ANNUAL TOTAL	198533	140191	
ANNUAL MEAN	544	383	
HIGHEST ANNUAL MEAN			343
LOWEST ANNUAL MEAN			628
HIGHEST DAILY MEAN	2910	Aug 4	1960
LOWEST DAILY MEAN	117	Jul 14	1955
ANNUAL SEVEN-DAY MINIMUM	150	Jul 11	1955
INSTANTANEOUS PEAK FLOW			2910
INSTANTANEOUS PEAK STAGE			18
INSTANTANEOUS LOW FLOW			19
ANNUAL RUNOFF (CFSM)	1.60		3300
ANNUAL RUNOFF (INCHES)	21.66		5.44
10 PERCENT EXCEEDS	1080		17
50 PERCENT EXCEEDS	396		1.01
90 PERCENT EXCEEDS	215		13.66

BROAD RIVER BASIN

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

LOCATION.--Lat 32°50'10'', long 81°07'55'', Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 50.30 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--Records fair except for estimated daily discharges, Dec. 3, 6 - 16, Apr. 16, 17, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75	45	54	152	259	284	215	127	149	65	14	86
2	72	47	57	113	223	253	188	112	93	109	11	71
3	95	54	80	103	196	227	157	99	63	205	9.9	93
4	117	52	98	104	175	206	139	82	121	344	11	156
5	113	46	121	103	159	190	124	67	209	380	22	161
6	101	42	115	94	166	209	110	57	186	255	53	166
7	86	41	96	84	229	334	113	62	118	167	53	203
8	71	42	72	75	273	384	135	103	79	126	54	236
9	60	58	60	69	240	334	151	133	111	100	43	214
10	55	106	52	67	197	283	136	126	172	72	41	227
11	52	163	44	63	169	264	276	101	195	51	34	206
12	50	150	42	60	153	243	618	77	272	43	25	191
13	43	110	41	103	141	215	467	61	502	69	26	225
14	36	82	41	315	135	185	320	57	562	49	25	228
15	35	65	45	485	137	166	240	54	563	31	105	190
16	50	57	49	363	143	150	190	49	659	30	215	139
17	59	53	51	254	189	139	150	41	567	68	328	107
18	59	51	51	184	434	133	124	36	421	82	285	88
19	52	51	44	194	616	175	118	35	310	103	203	74
20	46	49	41	258	546	263	233	32	281	151	186	64
21	41	49	41	272	436	299	505	34	209	166	217	54
22	39	50	42	235	356	257	971	33	160	91	425	49
23	39	54	43	290	351	209	837	27	124	72	807	43
24	38	55	47	465	436	182	611	22	101	73	766	60
25	38	55	47	465	566	171	440	19	84	58	553	62
26	42	52	49	373	579	253	327	16	65	42	390	60
27	53	50	52	291	459	313	252	15	55	33	291	55
28	59	49	66	240	381	281	201	15	52	27	222	54
29	58	49	116	249	329	231	170	19	53	26	171	49
30	54	50	158	281	---	204	148	30	54	23	141	41
31	48	---	184	291	---	209	---	116	---	18	112	---
TOTAL	1836	1877	2099	6695	8673	7246	8666	1857	6590	3129	5838.9	3652
MEAN	59.2	62.6	67.7	216	299	234	289	59.9	220	101	188	122
MAX	117	163	184	485	616	384	971	133	659	380	807	236
MIN	35	41	41	60	135	133	110	15	52	18	9.9	41
CFSM	.29	.31	.33	1.06	1.47	1.15	1.42	.30	1.08	.50	.93	.60
IN.	.34	.34	.38	1.23	1.59	1.33	1.59	.34	1.21	.57	1.07	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

	MEAN	87.5	78.6	146	258	357	392	260	128	128	116	122	119
MAX	832	467	520	602	1047	1044	595	398	608	744	773	965	965
(WY)	1965	1986	1986	1964	1960	1980	1973	1954	1973	1975	1991	1969	1969
MIN	.000	.67	16.1	20.7	29.1	32.9	21.7	4.29	5.83	.061	.032	.000	.000
(WY)	1955	1955	1955	1957	1957	1955	1985	1985	1985	1954	1954	1954	1954

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1951 - 1992

ANNUAL TOTAL	131478	58158.9	183
ANNUAL MEAN	360	159	395
HIGHEST ANNUAL MEAN			38.2
LOWEST ANNUAL MEAN			6590
HIGHEST DAILY MEAN	2630	Aug 3	971
LOWEST DAILY MEAN	23	Jul 15	9.9
ANNUAL SEVEN-DAY MINIMUM	40	Oct 20	16
INSTANTANEOUS PEAK FLOW			1040
INSTANTANEOUS PEAK STAGE			4.69
INSTANTANEOUS LOW FLOW			8.5
ANNUAL RUNOFF (CFSM)	1.77		.78
ANNUAL RUNOFF (INCHES)	24.09		10.66
10 PERCENT EXCEEDS	847		346
50 PERCENT EXCEEDS	228		108
90 PERCENT EXCEEDS	47		41
			3.5

* From floodmarks.

** No flow occurred on days in 1951, 1954, 1956 - 57, 1968 - 69, 1980 - 82, 1986, 1988, 1990 - 91.

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50'', long 83°18'22'', Oconee County, SC-Rabon County, GA, Hydrologic Unit 03060102, on left bank, 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from confluence with Tallulah River. Water-quality sampling site at gaging station. See Water Resources Data for Georgia.

DRAINAGE AREA.--207 mi².

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

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

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above National Geodetic Vertical Datum of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--Estimated daily discharges, Dec. 15 - 18. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	390	281	1630	475	481	941	701	541	440	562	326	794
2	374	340	2220	460	465	873	670	527	426	634	310	724
3	372	288	2350	968	457	812	648	516	673	565	301	692
4	356	268	1800	857	449	768	638	497	2520	514	306	800
5	356	266	1180	653	442	739	619	488	1580	483	305	1200
6	365	266	947	581	432	1810	602	490	973	476	302	2660
7	338	263	816	540	427	1800	607	548	774	459	320	1430
8	330	261	731	512	424	1290	600	1010	712	440	317	1140
9	328	261	667	502	410	1090	580	916	883	427	306	1060
10	323	272	661	490	403	1200	569	687	1150	419	291	934
11	319	269	579	465	399	1350	628	604	1130	407	294	889
12	317	256	556	453	397	1110	763	568	1180	393	298	776
13	309	250	542	485	395	998	659	562	1070	384	456	733
14	305	248	581	838	398	931	592	587	1300	399	472	710
15	325	245	540	618	806	884	581	537	1430	391	336	690
16	331	245	500	546	920	839	570	511	1150	395	357	666
17	309	241	490	509	612	799	553	497	992	378	329	648
18	301	241	460	498	617	797	543	489	908	377	419	663
19	296	288	438	480	625	1370	536	547	837	367	323	706
20	293	306	427	464	576	1140	641	591	757	358	303	700
21	291	448	427	451	537	991	1260	511	699	354	346	665
22	293	2020	427	443	512	931	1130	483	643	576	1820	705
23	290	941	438	1030	876	990	811	460	622	521	2140	875
24	290	564	461	915	1080	886	715	446	597	634	1590	865
25	292	460	419	682	1380	842	680	435	570	452	842	600
26	287	413	403	609	3180	903	622	432	585	387	629	571
27	280	382	399	567	1690	825	596	425	559	373	871	639
28	277	368	545	556	1270	773	575	417	558	361	4570	678
29	269	354	825	532	1070	747	565	471	533	338	1830	730
30	267	369	565	511	---	753	552	582	520	324	1190	590
31	266	---	504	498	---	745	---	494	---	317	931	---
TOTAL	9739	11674	23528	18188	21730	30927	19806	16869	26771	13465	23430	25333
MEAN	314	389	759	587	749	998	660	544	892	434	756	844
MAX	390	2020	2350	1030	3180	1810	1260	1010	2520	634	4570	2660
MIN	266	241	399	443	395	739	536	417	426	317	291	571
CFSM	1.52	1.88	3.67	2.83	3.62	4.82	3.19	2.63	4.31	2.10	3.65	4.08
IN.	1.75	2.10	4.23	3.27	3.91	5.56	3.56	3.03	4.81	2.42	4.21	4.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1992, BY WATER YEAR (WY)

	MEAN	431	490	649	753	863	942	900	738	611	523	486	438
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	

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1940 - 1992

	ANNUAL TOTAL	274794	241460	
ANNUAL MEAN	753	660	651	
HIGHEST ANNUAL MEAN			1098	1949
LOWEST ANNUAL MEAN			337	1981
HIGHEST DAILY MEAN	2670	Mar 29	4570	Aug 28
LOWEST DAILY MEAN	241	Nov 17	241	* Nov 17
ANNUAL SEVEN-DAY MINIMUM	247	Nov 12	247	Nov 12
INSTANTANEOUS PEAK FLOW			8770	Aug 28
INSTANTANEOUS PEAK STAGE			6.64	Aug 28
INSTANTANEOUS LOW FLOW			240 ***	Nov 16
ANNUAL RUNOFF (CFSM)	3.64		3.19	
ANNUAL RUNOFF (INCHES)	49.38		43.39	
10 PERCENT EXCEEDS	1210		1130	
50 PERCENT EXCEEDS	686		547	
90 PERCENT EXCEEDS	314		302	

* Also occurred on Nov. 18.

** From rating curve extended above 4,700 ft³/s on basis of slope-area measurements at gage heights 9.9 and 13.2 ft.

*** Also occurred on Nov. 17, 18.

**** Also occurred on Oct. 12, 13, 1954.

SAVANNAH RIVER BASIN
02184475 HOWARD CREEK NEAR JOCASSEE, SC

LOCATION.--Lat 35°00'10'', long 83°01'31'', Oconee county, Hydrologic Unit 03060101, on left side of downstream end of culvert on SC Hwy 130, at West Bad Creek, 0.3 mi upstream of Bad Creek, 1.4 mi south of NC-SC border, and 8.2 mi northwest of Salem.

DRAINAGE AREA.--2.16 mi²

PERIOD OF RECORD.--May 1988 to current year.

GAGE.--Data collection platform. Datum of gage is 2,100 ft above National Geodetic Vertical Datum of 1929 (from topographic map)

REMARKS.--Records fair except for estimated daily discharges, Nov. 6 - 21, Dec. 15, 16, Jan. 20, June 2 - 5, 10, 22, Aug. 13, 14, Aug. 28 to Sept. 3, and those above 75 ft³/s which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	4.9	17	4.2	5.1	9.2	8.2	5.7	4.6	4.7	3.3	9.5
2	5.6	4.4	14	4.3	4.8	8.7	8.0	5.7	4.6	4.5	3.3	9.0
3	5.4	4.4	20	8.7	4.6	8.2	7.8	5.5	25	4.2	3.4	9.1
4	5.1	4.5	11	6.0	4.6	8.0	7.6	5.3	50	4.0	3.3	9.3
5	5.4	4.3	8.5	5.4	4.4	8.1	7.2	5.1	11	4.0	3.2	20
6	5.4	4.3	6.9	5.1	4.3	30	7.2	5.3	8.3	4.0	3.4	15
7	5.4	4.2	6.1	4.9	4.2	17	7.4	6.2	7.2	3.8	3.4	12
8	5.4	4.2	5.7	4.6	4.1	13	7.2	8.9	6.8	3.7	3.4	11
9	5.3	4.5	5.8	4.7	4.1	12	7.1	6.7	7.8	3.6	3.3	9.4
10	5.2	4.8	5.5	4.6	4.1	13	6.9	5.8	7.5	3.5	3.4	8.8
11	5.0	4.3	5.1	4.5	4.1	12	7.2	5.7	7.4	3.5	3.3	8.4
12	4.7	3.9	4.9	4.5	4.1	11	7.2	5.6	7.3	3.2	3.2	7.6
13	4.8	3.6	4.8	6.0	4.1	9.9	7.0	5.6	8.4	3.2	5.3	7.0
14	4.9	3.7	5.3	6.6	4.1	9.5	6.8	5.3	9.1	3.2	3.9	7.0
15	5.3	3.8	4.9	5.2	8.2	8.9	6.7	5.1	8.2	3.3	3.8	6.8
16	4.9	3.9	4.7	4.8	5.7	9.3	6.4	4.9	10	3.3	3.8	6.5
17	4.8	3.9	4.6	4.6	5.2	11	6.3	4.7	7.6	3.2	4.2	6.4
18	4.8	4.0	4.5	4.6	6.2	10	6.2	4.8	7.2	3.2	5.9	6.5
19	4.6	5.0	4.3	4.6	5.3	13	6.7	6.5	6.8	3.1	4.6	6.2
20	4.6	10	4.1	4.6	5.0	12	10	4.9	6.3	3.2	4.6	6.3
21	4.7	15	4.1	5.4	4.7	11	16	4.7	5.6	6.6	6.7	6.4
22	4.7	23	4.1	4.6	4.6	10	9.6	4.6	5.4	4.4	68	9.0
23	4.7	6.4	4.4	10	11	10	8.0	4.5	5.3	5.8	37	6.6
24	4.6	5.1	4.3	6.8	9.3	9.8	7.3	4.5	5.0	6.4	14	5.9
25	4.6	4.8	4.1	5.8	36	9.8	6.9	4.5	4.7	4.5	9.6	5.6
26	4.4	4.6	4.1	5.5	25	10	6.4	4.6	4.6	4.2	8.2	5.7
27	4.4	4.6	4.1	5.3	14	9.2	6.4	4.5	4.6	4.0	11	6.4
28	4.4	4.6	6.1	6.9	12	8.9	6.2	4.6	4.6	3.8	50	6.8
29	4.3	4.6	5.4	5.1	10	8.9	6.1	5.8	4.6	3.6	25	6.3
30	4.3	4.7	4.7	5.1	---	8.9	6.0	5.4	4.6	3.4	11	5.7
31	4.3	---	4.5	5.1	---	8.7	---	4.7	---	3.4	10	---
TOTAL	151.5	168.0	197.6	168.1	222.9	339.0	224.0	165.7	260.1	122.5	326.5	246.2
MEAN	4.89	5.60	6.37	5.42	7.69	10.9	7.47	5.35	8.67	3.95	10.5	8.21
MAX	5.6	23	20	10	36	30	16	8.9	50	6.6	68	20
MIN	4.3	3.6	4.1	4.2	4.1	8.0	6.0	4.5	4.6	3.1	3.2	5.6
CFSM	2.26	2.59	2.95	2.51	3.56	5.06	3.46	2.47	4.01	1.83	4.88	3.80
IN.	2.61	2.89	3.40	2.90	3.84	5.84	3.86	2.85	4.48	2.11	5.62	4.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1992, BY WATER YEAR (WY)

	1988	1989	1990	1991	1992
MEAN	9.65	7.15	6.54	7.86	11.2
MAX	22.8	13.5	11.5	15.6	25.4
(WY)	1990	1990	1990	1990	1990
MIN	4.31	4.57	3.31	4.75	5.86
(WY)	1989	1989	1989	1989	1991

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1988 - 1992

ANNUAL TOTAL	2511.4	2592.1	9.44
ANNUAL MEAN	6.88	7.08	12.9
HIGHEST ANNUAL MEAN			6.85
LOWEST ANNUAL MEAN			135
HIGHEST DAILY MEAN	40	Aug 26	68
LOWEST DAILY MEAN	3.6	Nov 13	3.1
ANNUAL SEVEN-DAY MINIMUM	3.8	Nov 12	3.2
INSTANTANEOUS PEAK FLOW			284
INSTANTANEOUS PEAK STAGE			1.87
INSTANTANEOUS LOW FLOW			3.0
ANNUAL RUNOFF (CFSM)	3.19		3.28
ANNUAL RUNOFF (INCHES)	43.25		44.64
10 PERCENT EXCEEDS	9.6		11
50 PERCENT EXCEEDS	6.1		5.3
90 PERCENT EXCEEDS	4.4		3.9

* Also occurred on June 15, 16, 19, 1988.

** Also occurred on Aug. 28.

*** Also occurred on July 13 - 20, Aug. 1, 4 - 6, 11, 12.

SAVANNAH RIVER BASIN

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11'', long 82°58'48'', Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on County Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi².

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Oct. 1, 2, 9 - 23, Jan. 20, 22 - 30, Mar. 27 to Apr. 20, 24 - 29, July 1, 2, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	125	106	134	159	131	216	170	141	125	145	87	202
2	125	118	190	154	127	199	160	141	121	160	84	186
3	124	105	324	200	125	190	160	138	234	142	80	175
4	120	103	251	175	125	183	155	134	758	133	79	170
5	121	100	190	155	123	176	155	131	360	126	78	188
6	121	100	168	147	121	722	150	135	236	122	82	189
7	113	100	154	137	118	514	150	150	195	119	85	172
8	111	100	146	134	117	341	150	286	174	115	85	161
9	110	100	142	133	115	284	150	219	249	110	85	156
10	110	112	142	130	115	298	145	178	449	107	77	148
11	105	107	135	125	115	290	145	159	338	105	79	155
12	105	102	131	123	113	259	145	149	263	102	88	151
13	100	100	131	130	112	243	140	148	259	97	181	141
14	105	100	141	185	97	233	140	143	263	97	143	141
15	110	98	132	145	226	229	135	136	251	102	109	137
16	105	97	125	137	218	224	130	133	238	95	99	134
17	105	97	120	133	150	222	130	131	222	95	95	131
18	100	97	120	130	156	223	125	128	213	97	128	136
19	100	108	111	127	151	387	130	155	200	103	98	152
20	100	105	110	123	137	317	160	164	185	95	95	144
21	105	118	110	123	127	283	328	138	173	100	179	136
22	100	275	110	120	121	256	243	128	161	100	2250	196
23	105	177	115	400	365	269	211	123	155	204	1440	212
24	105	141	126	300	265	238	150	120	151	222	657	159
25	104	125	113	200	899	231	145	118	147	127	362	144
26	105	116	130	170	939	240	145	119	145	109	272	136
27	105	110	166	160	364	210	140	117	145	103	404	194
28	105	109	219	150	283	190	140	115	142	99	1160	190
29	102	107	239	140	245	190	145	145	136	94	416	181
30	100	115	196	136	---	200	144	161	134	89	287	155
31	101	---	166	134	---	180	---	137	---	87	230	---
TOTAL	3352	3448	4787	4915	6300	8237	4716	4520	6822	3601	9594	4872
MEAN	108	115	154	159	217	266	157	146	227	116	309	162
MAX	125	275	324	400	939	722	328	286	758	222	2250	212
MIN	100	97	110	120	97	176	125	115	121	87	77	131
CFSM	1.50	1.60	2.14	2.20	3.02	3.69	2.18	2.03	3.16	1.61	4.30	2.26
IN.	1.73	1.78	2.47	2.54	3.25	4.26	2.44	2.34	3.52	1.86	4.96	2.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1992, BY WATER YEAR (WY)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	120	148	190	219	215	243	221	200	176	127	139	118														
MAX	302	412	368	399	371	477	416	463	577	350	344	286														
(WY)	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
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)	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1967 - 1992
ANNUAL TOTAL	66407	65164	
ANNUAL MEAN	182	178	
HIGHEST ANNUAL MEAN			175
LOWEST ANNUAL MEAN			255
HIGHEST DAILY MEAN	655	May 29	85.2
LOWEST DAILY MEAN	97	Nov 16	10000
ANNUAL SEVEN-DAY MINIMUM	99	Nov 12	12
INSTANTANEOUS PEAK FLOW			15
INSTANTANEOUS PEAK STAGE			12800
INSTANTANEOUS LOW FLOW			12.29
ANNUAL RUNOFF (CFSM)	2.53	2.47	12
ANNUAL RUNOFF (INCHES)	34.31	33.67	2.43
10 PERCENT EXCEEDS	261	263	32.97
50 PERCENT EXCEEDS	166	139	140
90 PERCENT EXCEEDS	107	100	64

* Also occurred on Aug. 10 - 12.

SAVANNAH RIVER BASIN
02185300 LAKE KEOWEE NEAR SIX MILE, SC

LOCATION.--Lat 34°47'59'', long 82°53'06'', Pickens County, Hydrologic Unit 03060101, on right wingwall of Lake Keowee Spillway, approximately 100 ft. from spillway.

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

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (based on Bench Mark elevation provided by Duke Power Company).

REMARKS.--Lake is formed by earth dikes and dam. Generation began in 1971. Usable capacity, 17,060,000,000 ft³ between elevations 775.0 ft (normal limit of drawdown) and 800.0 ft (maximum normal elevation). Dead storage below 775.0 ft, 22,620,000,000 ft³. Lake is used for generation of power and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 800.07 ft, Aug. 20, 1992; minimum gage height, 793.60 ft, Nov. 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 800.07 ft, Aug. 20, minimum gage height, 795.79 ft, Dec. 24.

Capacity Table

(Provided by Duke Power Co.)

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
780.0	2.94
785.0	6.11
790.0	9.52
795.0	13.18
800.0	17.06

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	799.35	799.47	797.15	797.07	797.49	797.93	799.20	799.76	799.46	799.05	799.44	799.57
2	799.38	799.31	797.39	796.94	797.24	798.22	799.38	799.58	799.49	799.52	799.05	799.57
3	799.25	799.02	797.61	797.22	796.77	798.25	799.36	799.62	799.59	799.65	799.17	799.66
4	799.02	799.25	798.49	797.10	796.71	798.78	799.46	799.75	799.33	799.78	799.58	799.76
5	798.71	799.44	799.28	797.17	796.53	798.69	798.38	799.73	799.52	799.48	799.47	799.75
6	798.02	799.34	799.20	797.19	796.82	798.93	798.60	799.74	799.49	799.63	799.46	799.70
7	797.74	799.22	799.09	797.06	797.04	798.83	798.82	799.91	799.60	799.72	799.64	799.36
8	797.72	799.64	798.56	796.96	796.88	798.37	799.02	799.89	799.54	799.53	799.71	799.43
9	797.92	799.79	798.12	797.47	796.89	798.55	799.38	799.46	799.52	799.66	799.46	799.49
10	798.53	798.40	797.74	797.76	797.07	798.60	799.54	799.06	799.89	799.88	799.36	799.69
11	798.79	798.35	797.62	796.78	797.15	798.52	798.97	799.56	799.54	799.73	799.80	799.82
12	798.38	798.88	798.04	796.48	797.25	798.51	798.29	799.52	799.44	799.31	799.72	799.79
13	798.16	798.97	797.67	796.43	797.58	798.07	798.72	799.72	799.59	799.52	799.75	799.49
14	798.16	799.12	797.29	796.99	797.58	798.58	798.92	799.78	799.55	799.55	799.53	799.48
15	798.40	798.74	796.80	797.60	797.46	797.95	799.21	799.73	799.59	799.64	799.60	799.49
16	798.25	798.53	797.26	797.37	796.94	798.31	799.51	799.83	799.42	799.06	799.66	799.63
17	798.41	797.86	797.41	796.90	797.47	798.67	799.54	799.52	799.31	799.10	799.48	799.83
18	799.18	798.33	797.28	796.58	797.58	798.88	799.24	799.79	799.36	799.11	799.64	799.82
19	799.14	798.22	797.43	796.49	797.39	799.02	798.29	799.75	799.75	798.76	799.94	799.82
20	798.42	797.99	797.52	796.87	797.38	798.47	798.35	799.85	799.99	798.64	799.93	799.48
21	798.77	798.47	797.75	796.73	797.57	799.07	799.03	799.71	799.71	799.14	799.61	799.68
22	798.51	799.01	797.03	796.71	797.69	798.83	799.06	799.53	799.56	799.38	799.68	799.79
23	798.52	799.02	796.66	796.92	797.62	798.77	799.39	799.66	799.58	798.95	799.21	799.66
24	799.21	798.46	796.02	797.53	797.66	798.94	799.73	799.52	799.71	799.31	799.30	799.60
25	799.21	798.68	796.08	797.53	798.59	798.84	799.29	799.46	799.44	799.87	799.40	799.46
26	799.16	798.14	796.38	796.94	799.02	798.70	799.04	799.54	799.15	799.55	799.46	799.36
27	798.32	798.51	796.83	797.38	798.56	798.24	799.27	799.62	799.23	799.83	799.04	799.48
28	798.76	797.82	797.03	797.25	798.29	798.52	799.36	799.48	798.68	799.75	799.75	799.54
29	798.65	797.68	796.61	797.06	798.01	798.52	799.56	799.53	798.54	799.88	799.77	799.68
30	798.81	797.46	796.65	797.40	---	798.51	799.77	799.40	798.82	799.83	799.65	799.62
31	799.24	---	797.04	797.47	---	798.93	---	799.43	---	799.64	799.66	---
MAX	799.38	799.79	799.28	797.76	799.02	799.07	799.77	799.91	799.99	799.88	799.94	799.83
MIN	797.72	797.46	796.02	796.43	796.53	797.93	798.29	799.06	798.54	798.64	799.04	799.36
[+]	16.47	15.09	14.76	15.09	15.51	16.23	16.88	16.62	16.14	16.78	16.80	16.76
[-]	-7.47	-532.4	-123.2	123.2	167.6	268.8	250.8	-97.1	-185.2	238.9	7.47	-15.4
CAL YR 1991	*	16.5	MAX 799.79	MIN 796.02								
WTR YR 1992	*	8.54	MAX 799.99	MIN 796.02								

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[-] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

LOCATION.--Lat 34°48'05'', long 82°44'55'', Pickens County, Hydrologic Unit 03060101, on left bank, 40 ft downstream from bridge on State Road 137, 0.8 mi downstream from Rices Creek, and 3.4 mi west of Liberty.

PERIOD OF RECORD.--May 1967 to July 1968 (discharge measurements only), July 1954 to September 1964, May 1989 to current year.

REMARKS.--Records good except for estimated daily discharges, Aug. 13, 14, which are poor.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	131	116	134	146	124	229	186	164	138	134	119	167
2	132	130	155	139	119	209	178	161	135	140	101	157
3	132	121	248	201	117	191	173	156	154	150	95	155
4	129	116	264	195	117	181	170	150	478	137	93	163
5	129	114	160	159	115	173	167	146	297	128	92	177
6	142	113	140	146	113	557	164	163	195	125	94	171
7	130	113	132	137	110	629	164	213	163	141	112	154
8	128	113	126	131	109	321	166	681	149	127	108	147
9	128	113	124	130	108	249	164	445	218	120	105	148
10	128	138	137	130	106	268	160	276	360	115	101	136
11	128	132	125	123	106	277	160	222	226	112	98	194
12	128	119	121	120	106	226	160	199	204	108	101	148
13	128	115	118	122	106	206	162	191	204	105	500	134
14	128	115	138	147	106	192	156	189	201	104	300	128
15	128	114	139	132	273	184	156	177	189	104	149	124
16	130	113	123	122	419	174	156	167	222	103	644	119
17	130	113	118	117	225	171	153	160	250	104	229	117
18	130	113	117	117	194	171	150	163	258	128	298	119
19	130	115	112	117	189	707	150	457	194	119	166	146
20	120	118	110	115	169	490	282	469	173	111	145	131
21	115	117	110	115	153	330	1320	216	158	101	187	124
22	116	140	113	114	145	266	730	178	148	109	527	265
23	117	140	118	413	444	347	327	162	143	149	986	457
24	118	123	174	334	493	264	253	153	140	130	549	216
25	117	116	136	201	1060	233	220	147	138	140	271	180
26	117	113	123	168	2010	266	196	145	135	115	202	156
27	117	112	119	151	850	231	186	142	138	117	209	1120
28	117	111	185	146	398	212	180	147	134	111	797	686
29	117	111	363	141	276	200	171	154	134	101	369	346
30	113	115	208	134	---	195	168	164	135	96	229	241
31	113	---	164	130	---	198	---	152	---	100	188	---
TOTAL	3866	3552	4654	4793	8860	8547	7128	6709	5811	3684	8164	6726
MEAN	125	118	150	155	306	276	238	216	194	119	263	224
MAX	142	140	363	413	2010	707	1320	681	478	150	986	1120
MIN	113	111	110	114	106	171	150	142	134	96	92	117
CFSM	1.18	1.12	1.42	1.46	2.88	2.60	2.24	2.04	1.83	1.12	2.48	2.12
IN.	1.36	1.25	1.63	1.68	3.11	3.00	2.50	2.35	2.04	1.29	2.87	2.33

MEAN	135	130	179	204	288	307	312	213	175	159	145	122
MAX	293	240	555	359	467	570	578	331	344	292	290	224
(WY)	1990	1958	1962	1964	1961	1963	1964	1958	1961	1989	1991	1992
MIN	38.0	66.3	54.3	55.0	165	113	179	110	81.7	67.8	54.3	36.7
(WY)	1955	1956	1956	1956	1991	1955	1955	1957	1956	1957	1954	1954

WATER YEARS 1954 - 1992

ANNUAL TOTAL	67257		72494						
ANNUAL MEAN	184		198			197			
HIGHEST ANNUAL MEAN						249			1964
LOWEST ANNUAL MEAN						112			1955
HIGHEST DAILY MEAN	862	May 16	2010	Feb 26		4200		Dec 12	1961
LOWEST DAILY MEAN	94	Jul 16	92	Aug 5		32		Oct 5	1954
ANNUAL SEVEN-DAY MINIMUM	105	Jul 10	99	Jul 31		34		Sep 30	1954
INSTANTANEOUS PEAK FLOW			2920	Feb 26		5360		Dec 12	1961
INSTANTANEOUS PEAK STAGE			8.20	Feb 26		12.23		Dec 12	1961
INSTANTANEOUS LOW FLOW			90	Aug 6		30		Sep 23	1955
ANNUAL RUNOFF (CFSM)	1.74		1.87			1.86			
ANNUAL RUNOFF (INCHES)	23.60		25.44			25.28			
10 PERCENT EXCEEDS	270		323			320			
50 PERCENT EXCEEDS	158		146			145			
90 PERCENT EXCEEDS	116		112			73			

SAVANNAH RIVER BASIN

02186645 CONERROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 740 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except estimated daily discharges, Aug. 23 - 26, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	66	72	81	74	150	112	78	68	90	47	137
2	63	72	70	77	72	130	107	75	65	99	45	108
3	65	64	156	128	71	122	102	73	118	103	43	97
4	64	63	129	105	70	114	100	70	278	85	42	96
5	62	63	92	89	70	108	98	68	166	75	45	106
6	66	62	81	83	68	509	97	77	108	74	43	106
7	61	63	76	79	67	390	98	91	89	68	44	92
8	61	63	73	75	66	243	97	288	87	64	44	87
9	61	62	72	75	66	168	94	177	190	62	42	83
10	61	77	77	74	65	191	92	115	345	58	40	77
11	60	69	71	71	66	169	92	98	218	56	38	76
12	59	65	69	69	65	141	91	89	145	54	82	71
13	57	63	68	71	65	128	92	85	152	52	180	68
14	58	63	77	79	66	118	87	82	157	51	116	66
15	62	63	73	72	247	113	87	78	131	50	71	64
16	62	62	69	70	203	107	86	74	116	51	77	62
17	60	61	67	69	127	105	83	72	104	51	63	61
18	59	61	66	68	116	107	83	71	102	83	61	62
19	59	65	64	67	111	388	82	93	95	64	54	63
20	58	64	63	67	99	209	86	112	87	56	51	78
21	59	65	64	66	91	163	197	84	81	52	61	73
22	59	99	63	65	86	147	139	74	76	96	1050	223
23	60	90	67	330	304	302	104	70	74	93	1350	300
24	61	74	86	201	239	174	94	67	71	73	840	144
25	61	68	73	122	626	153	92	65	67	63	435	103
26	60	66	68	101	880	173	84	64	66	58	280	91
27	60	65	66	91	370	140	83	64	65	64	379	578
28	60	64	127	89	278	124	81	63	121	55	576	332
29	59	64	148	83	225	117	81	73	101	52	285	186
30	59	65	101	79	---	121	79	86	81	48	221	130
31	60	---	88	78	---	124	---	74	---	48	196	---
TOTAL	1879	2011	2536	2874	4953	5448	2900	2750	3624	2048	6901	3820
MEAN	60.6	67.0	81.8	92.7	171	176	96.7	88.7	121	66.1	223	127
MAX	66	99	156	330	880	509	197	288	345	103	1350	578
MIN	57	61	63	65	65	105	79	63	65	48	38	61
CFSM	.93	1.02	1.25	1.42	2.61	2.69	1.48	1.36	1.85	1.01	3.40	1.95
IN.	1.07	1.14	1.44	1.63	2.82	3.10	1.65	1.56	2.06	1.16	3.93	2.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	1989	1990	1991	1992	1990	1991	1992	1990	1991	1992	1990	1991	1992
MEAN	121	74.6	89.8	127	154	209	125	102	116	117	126	92.6	
MAX	211	92.3	109	171	189	323	159	165	152	255	223	127	
(WY)	1990	1990	1990	1990	1990	1990	1991	1991	1989	1989	1992	1992	
MIN	60.6	64.4	78.2	92.7	102	129	96.7	61.3	58.3	52.1	55.4	76.3	
(WY)	1992	1991	1991	1992	1991	1991	1992	1989	1990	1990	1990	1989	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	41113	41744		
ANNUAL MEAN	113	114		
HIGHEST ANNUAL MEAN			120	
LOWEST ANNUAL MEAN			130	1990
HIGHEST DAILY MEAN	700	Aug 12	114	1992
LOWEST DAILY MEAN	57	Oct 13	2800	Mar 17 1990
ANNUAL SEVEN-DAY MINIMUM	59	Oct 17	34	Jun 3 1989
INSTANTANEOUS PEAK FLOW			35	Jul 3 1990
INSTANTANEOUS PEAK STAGE			Unknown	Mar 17 1990
ANNUAL RUNOFF (CFSM)	1.72		14.31	Mar 17 1990
ANNUAL RUNOFF (INCHES)	23.39		1.83	
10 PERCENT EXCEEDS	167		24.83	
50 PERCENT EXCEEDS	92		191	
90 PERCENT EXCEEDS	63		83	
			49	

SAVANNAH RIVER BASIN

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi².

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft³ between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 8, 1964; minimum, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 662.54 ft, June 15; minimum, 655.72 ft, Dec. 27.

Capacity Table

(Computed from table prepared by Corps of Engineers)

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
645.0	29.82
650.0	39.42
655.0	50.02
660.0	61.66
665.0	74.43

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	659.07	657.26	656.86	656.01	656.64	659.33	659.88	659.78	660.33	661.41	660.08	661.62
2	659.16	657.27	656.82	655.88	656.77	659.39	659.66	659.85	660.37	661.41	660.10	661.55
3	659.04	657.25	656.93	655.92	656.78	659.38	659.37	659.92	660.65	661.46	659.95	661.42
4	659.08	657.17	656.84	656.07	656.73	659.60	659.55	659.95	661.23	661.51	659.77	661.50
5	659.18	657.11	656.76	656.24	656.71	659.81	659.58	659.91	661.59	661.57	659.61	661.89
6	659.22	657.12	656.93	656.26	656.63	660.04	659.46	659.92	661.68	661.48	659.43	662.19
7	659.11	657.05	657.18	656.38	656.62	660.31	659.22	659.87	661.78	661.42	659.35	662.17
8	659.05	656.89	657.30	656.44	656.64	660.50	659.08	659.98	661.96	661.33	659.35	662.10
9	658.92	656.98	657.29	656.33	656.69	660.40	659.11	660.12	662.15	661.10	659.38	661.96
10	658.81	656.99	657.46	656.20	656.59	660.57	658.96	660.25	662.15	660.91	659.21	661.76
11	658.69	656.93	657.57	656.34	656.46	660.46	659.05	660.19	662.16	660.97	659.05	661.55
12	658.76	656.86	657.41	656.41	656.33	660.46	659.19	660.12	662.15	660.99	658.93	661.60
13	658.82	656.70	657.30	656.27	656.25	660.47	659.17	660.07	662.30	660.88	659.25	661.67
14	658.68	656.53	657.45	656.18	656.24	660.57	659.17	659.98	662.46	660.66	659.23	661.32
15	658.54	656.39	657.47	656.10	656.56	660.67	659.25	660.00	662.43	660.55	659.31	660.96
16	658.37	656.46	657.26	655.99	656.73	660.58	659.31	660.05	662.31	660.44	659.42	660.56
17	658.21	656.51	656.91	655.86	656.71	660.39	659.35	660.13	662.18	660.35	659.43	660.28
18	658.01	656.34	656.58	655.95	656.52	660.41	659.41	660.05	662.00	660.39	659.34	659.99
19	658.10	656.18	656.45	656.02	656.43	660.42	659.52	660.08	661.69	660.45	659.24	659.96
20	658.15	656.06	656.20	655.98	656.37	660.51	659.60	660.10	661.93	660.40	659.30	659.89
21	657.99	656.04	656.27	655.97	656.35	660.62	659.72	660.07	661.94	660.31	659.52	659.86
22	657.87	656.03	656.32	655.93	656.45	660.84	659.72	659.97	661.71	660.33	660.21	660.06
23	657.76	656.08	656.18	656.17	656.81	660.77	659.67	660.04	661.62	660.30	661.31	660.09
24	657.64	656.18	656.07	656.21	656.92	660.65	659.72	660.14	661.69	660.25	661.67	660.13
25	657.50	656.32	656.03	656.27	657.47	660.58	659.82	660.14	661.53	660.30	661.67	660.06
26	657.57	656.58	655.84	656.39	658.17	660.58	659.89	660.22	661.33	660.23	661.61	660.17
27	657.67	656.65	655.74	656.46	658.65	660.54	659.83	660.16	661.40	660.13	661.92	660.70
28	657.60	656.69	656.03	656.48	658.86	660.65	659.80	660.13	661.47	660.07	661.95	660.82
29	657.51	656.66	656.18	656.44	659.13	660.76	659.72	660.19	661.44	660.11	662.32	660.75
30	657.43	656.73	656.07	656.45	---	660.51	659.70	660.27	661.44	660.09	662.43	660.68
31	657.24	---	655.99	656.45	---	660.14	---	660.33	---	660.06	662.00	---
MAX	659.22	657.27	657.57	656.48	659.13	660.84	659.89	660.33	662.46	661.57	662.43	662.19
MIN	657.24	656.03	655.74	655.86	656.24	659.33	658.96	659.78	660.33	660.06	658.93	659.86
[+]	55.11	53.93	52.24	53.29	59.56	62.00	60.94	62.47	65.22	61.81	66.63	63.33
[*]	-1,661	-455	-631	392	2,502	911	-409	571	1,061	-1,273	1,800	-1,273
CAL YR 1991 *	72.6			MAX 663.33	MIN 655.02							
WTR YR 1992 *	119			MAX 662.46	MIN 655.74							

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

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 National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 483.81 ft, Jan. 22, 1988; minimum, 474.58 ft, June 4, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 482.21 ft, Nov. 25; minimum, 474.58 ft, June 4.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	480.54	475.71	477.73	480.51	475.70	477.13	476.37	476.28	476.32	480.51	475.49	476.65
2	482.07	476.09	477.93	480.33	475.58	476.43	482.15	475.81	477.80	482.12	475.49	477.21
3	482.12	476.00	477.59	480.36	475.67	476.52	482.13	475.85	477.80	482.11	475.50	477.10
4	482.14	475.91	478.08	482.14	475.67	477.53	482.14	475.77	478.04	476.01	475.69	475.86
5	476.35	476.13	476.28	482.13	475.40	477.17	482.19	475.68	477.76	475.94	475.84	475.90
6	476.26	476.11	476.18	480.49	475.33	476.70	480.51	475.76	477.53	482.12	475.49	476.78
7	480.48	475.64	477.04	480.48	475.28	476.61	476.39	476.08	476.27	480.40	475.32	475.90
8	480.48	475.57	476.83	481.98	475.22	477.65	476.33	476.25	476.28	480.26	475.24	475.77
9	480.48	475.52	477.36	480.44	475.15	476.10	482.13	475.74	477.55	482.06	475.24	477.19
10	480.43	475.50	477.28	475.16	475.14	475.15	482.09	476.05	477.45	482.07	475.21	477.02
11	480.34	475.49	477.26	480.46	475.14	476.33	482.12	475.73	477.55	480.47	475.18	476.03
12	476.11	475.78	475.95	480.53	475.16	476.38	482.10	475.77	477.69	475.27	475.24	475.26
13	476.00	475.93	475.96	482.14	475.18	476.96	482.09	475.72	477.49	482.07	475.25	477.21
14	480.53	475.51	477.63	482.07	475.25	477.04	476.36	476.13	476.25	482.10	475.38	477.35
15	480.55	475.62	477.73	482.09	475.34	477.11	476.31	476.19	476.28	482.10	475.47	477.47
16	480.51	475.67	477.76	475.73	475.48	475.62	482.15	475.72	478.96	482.13	475.54	477.96
17	480.60	475.79	477.83	475.67	475.60	475.64	482.12	475.68	478.88	482.15	475.71	477.72
18	482.09	475.83	478.11	482.11	475.45	477.25	482.14	475.70	478.79	476.46	476.23	476.35
19	476.65	476.31	476.48	482.16	475.59	477.40	482.16	475.45	478.92	476.43	476.34	476.39
20	476.53	476.44	476.48	482.14	475.63	477.53	482.15	475.48	478.84	482.17	476.04	477.09
21	480.53	476.11	477.86	482.14	475.76	477.22	475.96	475.56	475.71	482.15	475.82	476.88
22	480.60	476.15	477.90	482.20	475.83	477.81	475.75	475.68	475.72	482.14	475.59	476.68
23	480.61	476.16	477.91	478.30	476.25	476.86	482.10	475.44	477.37	482.12	475.51	476.61
24	480.57	476.14	478.01	476.64	476.51	476.58	482.12	475.50	477.38	482.10	475.36	476.45
25	480.57	476.17	478.00	482.21	476.12	477.60	480.53	475.44	476.63	477.97	475.36	476.07
26	476.81	476.51	476.71	482.20	476.10	477.94	482.11	475.42	477.36	475.54	475.41	475.49
27	476.76	476.68	476.72	482.19	476.03	477.49	482.13	475.47	477.28	480.67	475.21	476.19
28	480.69	476.19	477.49	480.58	475.87	476.69	475.96	475.58	475.79	480.66	475.16	476.13
29	480.69	476.06	477.36	480.48	475.86	476.82	475.96	475.85	475.92	480.29	475.14	476.33
30	480.62	475.85	477.31	476.31	476.21	476.26	482.14	475.50	477.17	481.83	475.13	475.90
31	480.63	475.70	477.96	---	---	---	482.12	475.46	477.05	481.77	475.12	475.83
MONTH	482.14	475.49	477.31	482.21	475.14	476.85	482.19	475.42	477.28	482.17	475.12	476.54

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 480 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, June 3, 4, July 27, and those below 1,000 ft³/s, which are poor. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River. Discharge is affected by backwater from Richard B. Russell Lake (see sta 02189004) when the lake elevation exceeds about 476 ft, therefore, the daily mean discharge is not shown for Oct. 1 to Nov. 4, Nov. 19 to Dec. 18, Jan. 16 - 20, Mar. 8 - 16, 23 - 30, Apr. 7 - 12, June 11 - 21, Sept. 20, 21, 24 - 30.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	3320	47	45	11600	5420	2660	3440	47	20000
2	---	---	---	5640	1320	3930	11600	63	1120	3420	47	8390
3	---	---	---	5030	2860	3950	11600	62	40	1080	5260	8070
4	---	---	---	955	2820	7130	928	4860	35	47	5210	2930
5	---	5410	---	1020	2810	5540	1010	4480	1100	47	5300	777
6	---	3700	---	3980	2800	4210	7320	4480	49	4780	5250	781
7	---	3490	---	1600	2790	997	---	6440	50	4760	5280	7620
8	---	6400	---	1700	51	---	---	4550	3020	5250	47	9180
9	---	2630	---	5290	49	---	---	259	2640	7390	47	10300
10	---	49	---	5220	4320	---	---	329	7000	7130	6210	10400
11	---	3260	---	2310	4340	---	---	4390	---	2730	5290	14000
12	---	3290	---	107	4320	---	---	4470	---	50	5480	1090
13	---	5330	---	6050	6790	---	3210	4430	---	4420	378	1110
14	---	5400	---	6300	4280	---	2840	6030	---	7110	3150	14900
15	---	5560	---	6610	49	---	1430	4410	---	4400	47	14900
16	---	545	---	---	45	---	6250	367	---	4420	48	14800
17	---	564	---	---	4630	8570	1170	386	---	4430	3890	14900
18	---	6060	---	---	7360	8430	73	4860	---	47	3930	14900
19	---	---	10800	---	4670	8240	74	4790	---	47	3900	6900
20	---	---	11000	---	4020	8140	3570	5180	---	2980	3870	---
21	---	---	676	4220	2420	633	5190	3220	---	2980	3950	---
22	---	---	694	3770	45	724	5210	4800	8830	3000	64	7620
23	---	---	6070	3550	47	---	3630	1320	8600	3010	61	4890
24	---	---	6190	3380	2470	---	1850	281	8470	3000	5280	---
25	---	---	3350	1800	1220	---	67	1380	10300	47	7630	---
26	---	---	6100	383	2460	---	72	2220	8150	2720	5250	---
27	---	---	5780	2630	3700	---	3490	2150	142	2600	5300	---
28	---	---	815	2570	2450	---	3660	3110	158	2720	15400	---
29	---	---	1060	2910	46	---	3640	3000	3910	2990	806	---
30	---	---	5230	2320	---	---	3650	68	3460	4110	791	---
31	---	---	5000	2000	---	12800	---	68	---	2960	19300	---
TOTAL	---	---	---	---	75229	---	---	91873	---	98115	126513	---
MEAN	---	---	---	---	2594	---	---	2964	---	3165	4081	---
MAX	---	---	---	---	7360	---	---	6440	---	7390	19300	---
MIN	---	---	---	---	45	---	---	62	---	47	47	---

SUMMARY STATISTICS

FOR 1992 WATER YEAR

WATER YEARS 1985 - 1992

LOWEST DAILY MEAN
INSTANTANEOUS PEAK FLOW
INSTANTANEOUS PEAK STAGE

* 35 Jun 4 1992
Unknown
11.58 Sep 29 1992

* 35 Jun 4 1992
Unknown
12.76 Jul 25 1991

* May have been less during periods of backwater.

SAVANNAH RIVER BASIN

02187910 ROCKY RIVER NEAR STARR, SC

LOCATION.--Lat 34°22'59'', long 82°34'39'', Anderson County, Hydrologic Unit 03060103, on downstream side of bridge on State Road 244, 0.5 mi upstream of Beaver Creek, 2.5 mi upstream of Secession Lake, and 6.7 mi east of Starr.

DRAINAGE AREA.--111 mi².

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

GAGE.--Data collection platform. Elevation of gage is 570 ft above National Geodetic Vertical datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 20, Feb. 15 - 21, Apr. 28 to May 5, 12 - 15, June 10, 15 - 19, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	52	66	81	86	166	155	108	70	77	34	54
2	56	65	72	79	82	127	142	105	66	117	33	51
3	58	61	93	144	80	88	123	102	67	82	31	49
4	58	56	137	143	79	83	109	100	173	82	29	48
5	58	56	137	92	78	79	108	98	114	70	26	142
6	57	58	69	162	78	282	109	95	86	64	25	854
7	55	58	61	280	76	446	113	123	75	66	26	200
8	53	58	61	235	72	248	115	366	71	74	27	122
9	52	59	63	195	71	181	114	348	137	64	27	102
10	52	86	68	162	70	237	112	178	210	57	26	105
11	52	93	68	127	71	213	116	172	146	53	26	93
12	52	79	65	103	70	187	122	130	105	50	26	88
13	50	70	63	92	71	165	121	110	106	47	37	79
14	49	66	74	89	71	141	117	105	101	44	58	74
15	49	63	85	83	90	115	112	100	98	40	52	71
16	53	62	75	77	180	112	110	93	92	41	44	70
17	53	61	69	73	140	109	119	132	90	41	43	67
18	51	60	68	71	120	111	109	77	84	47	47	65
19	51	60	63	72	110	278	104	76	78	45	41	73
20	50	59	63	74	100	300	128	83	73	44	38	70
21	49	60	62	72	90	221	365	78	68	42	157	75
22	49	64	63	72	96	194	701	74	63	41	172	80
23	50	69	64	166	143	370	273	69	60	47	136	88
24	52	65	89	215	238	370	195	66	58	44	97	153
25	53	61	82	143	280	151	138	65	58	44	82	141
26	50	58	74	115	671	214	130	66	57	41	65	106
27	51	57	69	104	829	237	120	66	55	48	179	176
28	51	57	118	103	339	174	117	65	55	45	140	428
29	53	58	293	99	212	125	114	66	75	42	105	245
30	51	59	175	93	---	131	110	71	71	39	79	177
31	50	---	85	89	---	153	---	73	---	36	61	---
TOTAL	1625	1890	2694	3705	4693	6008	4621	3460	2662	1674	1969	4146
MEAN	52.4	63.0	86.9	120	162	194	154	112	88.7	54.0	63.5	138
MAX	58	93	293	280	829	446	701	366	210	117	179	854
MIN	49	52	61	71	70	79	104	65	55	36	25	48
CFSM	.47	.57	.78	1.08	1.46	1.75	1.39	1.01	.80	.49	.57	1.25
IN.	.54	.63	.90	1.24	1.57	2.01	1.55	1.16	.89	.56	.66	1.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
MEAN	127	88.9	113	180	222	220	146	114	92.8	66.9	89.9	78.4
MAX	177	130	157	235	355	259	161	142	134	87.2	199	138
(WY)	1990	1990	1990	1990	1990	1990	1991	1991	1991	1989	1991	1992
MIN	52.4	63.0	86.9	120	151	194	124	88.8	52.6	45.9	44.9	53.7
(WY)	1992	1992	1992	1992	1991	1992	1990	1990	1990	1990	1990	1989

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	46443	39147	129
ANNUAL MEAN	127	107	143
HIGHEST ANNUAL MEAN			107
LOWEST ANNUAL MEAN			1990
HIGHEST DAILY MEAN	1400	854	1400
LOWEST DAILY MEAN	49	25	25
ANNUAL SEVEN-DAY MINIMUM	50	26	26
INSTANTANEOUS PEAK FLOW		1260	
INSTANTANEOUS PEAK STAGE		10.86	15.55
ANNUAL RUNOFF (CFSM)	1.15	.96	1.16
ANNUAL RUNOFF (INCHES)	15.56	13.12	15.79
10 PERCENT EXCEEDS	213	183	215
50 PERCENT EXCEEDS	91	77	83
90 PERCENT EXCEEDS	55	48	46

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 (Corps of Engineers).

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Lake formed by concrete dam completed Dec. 1983. Usable capacity 5,523,408,000 ft³ between elevations 470.0 ft (normal limit of drawdown) and 475.0 ft (maximum power pool). Dead storage below 470.0 ft, 39,158,992,800 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, 478.37 ft, Feb. 20, 1990; minimum, 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 476.89 ft, Oct.28; minimum, 472.78 ft, Feb. 14.

Capacity Table

(Computed from table prepared by Corps of Engineers)

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet	Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
469.0	38.1	475.0	44.7
470.0	39.2	476.0	45.9
471.0	40.2	477.0	47.1
472.0	41.3	478.0	48.3
473.0	42.4	479.0	49.5
474.0	43.5	480.0	50.8

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	476.38	476.11	476.34	475.87	474.23	474.26	475.94	474.96	474.94	475.11	473.11	474.75
2	476.43	476.03	476.34	475.86	474.16	474.43	475.91	475.00	474.65	475.01	473.10	474.72
3	476.48	476.11	476.47	475.92	473.95	474.57	475.88	475.02	474.48	474.71	473.15	474.77
4	476.30	476.02	476.42	475.94	473.76	474.86	475.96	475.07	474.42	474.55	473.26	474.59
5	476.28	475.65	476.37	475.94	473.54	475.15	475.95	475.12	474.28	474.56	473.35	474.63
6	476.25	475.40	476.32	475.55	473.16	475.81	475.93	475.17	474.30	474.41	473.61	474.77
7	476.11	475.23	476.32	475.36	472.96	475.99	476.14	475.24	474.31	474.38	473.91	475.02
8	476.10	475.10	476.34	475.20	472.95	476.11	476.13	475.39	474.36	474.36	473.75	474.78
9	476.09	474.89	476.33	475.08	472.96	476.15	476.10	475.48	474.83	474.29	473.74	474.93
10	476.04	474.85	476.39	474.99	472.98	476.29	475.93	475.52	475.58	474.10	473.66	474.13
11	476.02	475.06	476.25	475.20	472.98	476.29	475.98	475.54	476.24	474.32	473.51	475.44
12	476.01	475.16	476.25	475.24	472.96	476.21	476.02	475.57	476.73	474.32	473.53	475.39
13	476.00	475.31	476.29	475.57	472.84	476.20	475.81	475.56	476.76	474.18	473.79	475.39
14	476.02	475.49	476.34	475.84	472.83	476.27	475.59	475.59	476.79	474.11	473.82	475.41
15	476.18	475.66	476.29	475.99	473.00	476.28	475.39	475.55	476.69	474.11	473.81	475.41
16	476.32	475.66	476.13	476.14	473.07	476.06	475.26	475.53	476.49	474.02	473.84	475.42
17	476.46	475.68	476.03	476.40	473.23	475.96	475.05	475.55	476.21	473.96	473.62	475.38
18	476.54	475.85	476.06	476.43	473.73	475.83	475.00	475.44	475.97	473.99	473.47	475.42
19	476.54	476.02	475.92	476.45	473.95	475.79	475.06	475.38	475.97	474.01	473.28	475.84
20	476.53	476.22	475.71	476.22	473.75	475.70	475.16	475.47	476.00	473.88	473.33	476.25
21	476.70	476.37	475.75	475.96	473.55	475.73	475.35	475.40	476.10	473.88	473.42	476.02
22	476.77	476.61	475.76	475.70	473.58	475.82	475.33	475.50	475.93	473.91	473.44	475.80
23	476.76	476.62	475.84	475.70	473.72	476.03	475.12	475.45	475.78	473.92	473.65	475.75
24	476.73	476.64	475.97	475.48	473.68	475.84	475.03	475.46	475.60	473.78	473.64	476.04
25	476.76	476.59	475.88	475.54	473.91	476.16	475.11	475.45	475.42	473.87	473.54	476.11
26	476.76	476.50	475.83	475.55	474.20	476.08	475.12	475.36	475.32	474.12	473.55	476.15
27	476.77	476.51	475.80	475.27	474.18	476.01	475.03	475.16	475.33	473.82	473.95	476.26
28	476.61	476.46	475.91	475.03	474.18	476.03	474.97	475.13	475.37	473.59	474.67	476.42
29	476.53	476.29	475.98	474.87	474.23	476.05	474.90	475.07	475.28	473.41	474.73	476.30
30	476.36	476.33	475.93	474.58	---	476.06	474.83	475.08	475.19	473.33	474.75	476.14
31	476.23	---	475.85	474.22	---	475.95	---	475.09	---	473.10	474.24	---
MAX	476.77	476.64	476.47	476.45	474.23	476.29	476.14	475.59	476.79	475.11	474.75	476.42
MIN	476.00	474.85	475.71	474.22	472.83	474.26	474.83	474.96	474.28	473.10	473.10	474.13
[+]	46.13	46.27	45.70	43.76	43.78	45.82	44.50	44.81	44.92	42.51	43.79	46.05
[*]	-97.1	46.3	-213	-724	8.0	762	-509	116	42.4	-900	478	872

CAL YR 1991 * 42.5 MAX 478.21 MIN 474.27

WTR YR 1992 * -11.4 MAX 476.79 MIN 472.83

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SAVANNAH RIVER BASIN

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC

LOCATION.--Lat 34°04'17'', long 82°30'03'', Abbeville County, Hydrologic Unit 03060103, on downstream side of bridge, on State Road 40 (Island Ford Road), 2.9 mi upstream from Calhoun Creek, and 4.6 mi north of Mount Carmel.

DRAINAGE AREA.--217 mi².

PERIOD OF DAILY RECORD.--December 1939 to September 1970, October 1986 to current year.

REVISED RECORD.--WSP 1433:1948.

GAGE.--Data collection platform. Datum of gage is 353.97 ft above National Geodetic Vertical Datum of 1929. December 1939 to October 16, 1987, at site 850 ft downstream at datum 1.06 ft lower.

REMARKS.--Records good except for estimated daily discharges, Jan. 20, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	66	79	111	111	244	210	146	87	68	37	49
2	65	74	86	103	106	213	189	140	80	75	35	45
3	67	81	101	125	104	195	176	140	80	81	32	44
4	68	75	170	164	103	184	167	132	110	74	30	42
5	66	71	130	128	102	178	159	126	136	63	25	46
6	64	69	96	111	107	1240	149	127	97	56	22	76
7	62	71	91	104	104	2490	150	145	79	51	23	95
8	60	72	87	98	101	1190	154	215	72	50	59	70
9	60	72	83	99	98	390	150	321	80	47	41	56
10	61	94	82	99	95	309	143	229	112	44	35	56
11	61	131	82	97	93	305	143	179	148	42	29	47
12	63	96	79	94	96	256	144	157	104	40	27	44
13	59	81	78	93	95	224	154	145	95	39	178	41
14	58	82	81	98	96	201	147	146	91	36	177	40
15	56	78	87	95	178	191	142	142	88	34	92	38
16	58	76	83	91	361	178	142	129	85	40	56	37
17	61	75	79	90	246	166	140	124	77	43	47	36
18	60	75	78	91	294	161	139	119	74	43	51	34
19	58	74	77	94	232	200	139	116	69	46	50	34
20	59	75	76	94	195	265	181	112	65	47	75	36
21	56	75	79	92	166	277	349	107	62	44	48	37
22	58	78	79	91	149	229	449	101	58	54	45	36
23	60	79	79	189	263	305	293	98	54	86	82	35
24	62	79	86	322	365	313	210	95	53	58	96	45
25	62	75	103	197	599	247	187	91	53	48	60	84
26	62	74	89	151	1580	535	178	89	59	45	50	58
27	63	73	84	133	1470	372	161	89	62	41	112	45
28	63	75	97	127	443	263	153	87	57	37	242	131
29	63	75	231	127	298	226	151	85	54	35	113	113
30	62	76	200	119	---	208	147	89	59	34	70	69
31	62	---	133	115	---	236	---	93	---	36	56	---
TOTAL	1906	2347	3065	3742	8250	11991	5396	4114	2400	1537	2095	1619
MEAN	61.5	78.2	98.9	121	284	387	180	133	80.0	49.6	67.6	54.0
MAX	68	131	231	322	1580	2490	449	321	148	86	242	131
MIN	56	66	76	90	93	161	139	85	53	34	22	34
CFSM	.28	.36	.46	.56	1.31	1.78	.83	.61	.37	.23	.31	.25
IN.	.33	.40	.53	.64	1.41	2.06	.93	.71	.41	.26	.36	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1992, BY WATER YEAR (WY)

	MEAN	96.9	146	191	301	357	445	292	181	119	148	118	86.1
	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

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1940 - 1992
ANNUAL TOTAL	86612	48462	
ANNUAL MEAN	237	132	205
HIGHEST ANNUAL MEAN			456
LOWEST ANNUAL MEAN			51.7
HIGHEST DAILY MEAN	2570	Aug 13	15200
LOWEST DAILY MEAN	56	Oct 15	1.0
ANNUAL SEVEN-DAY MINIMUM	58	Oct 15	1.1
INSTANTANEOUS PEAK FLOW			* 20800
INSTANTANEOUS PEAK STAGE			29.60
INSTANTANEOUS LOW FLOW			.70
ANNUAL RUNOFF (CFSM)	1.09		.95
ANNUAL RUNOFF (INCHES)	14.85		12.87
10 PERCENT EXCEEDS	437	229	361
50 PERCENT EXCEEDS	142	87	105
90 PERCENT EXCEEDS	66	44	38

* From rating curve extended above 13,000 ft³/s.

SAVANNAH RIVER BASIN

02194500 THURMOND LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi², approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum. Prior to Dec. 1987, published as Clark Hill Lake near Clarks Hill, SC.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft³ between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft, Apr. 9, 1964; minimum, 296.48 ft, Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 331.11 ft, Mar. 13; minimum, 325.89 ft, Jan. 21.

Capacity Table

(Computed from table prepared by Corps of Engineers)

Elevation, in feet (NGVD)	Usable contents, in billions of cubic feet
315.0	18.73
320.0	30.06
325.0	43.12
330.0	58.37
336.0	78.84

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	329.13	327.96	326.09	326.76	326.52	328.51	329.90	329.81	329.26	329.31	328.33	329.26
2	329.13	327.91	326.11	326.70	326.51	328.50	329.78	329.74	329.21	329.32	328.20	329.27
3	329.07	327.82	326.36	326.80	326.60	328.46	329.72	329.64	329.29	329.40	328.12	329.32
4	329.12	327.82	326.43	326.72	326.67	328.48	329.48	329.65	329.26	329.37	328.03	329.36
5	329.02	327.82	326.50	326.65	326.77	328.46	329.27	329.66	329.20	329.29	327.93	329.30
6	328.89	327.78	326.57	326.71	326.93	329.06	329.17	329.69	329.10	329.31	327.77	329.27
7	328.84	327.73	326.44	326.65	327.06	329.86	329.12	329.79	329.01	329.29	327.72	329.32
8	328.71	327.81	326.34	326.63	326.92	330.19	329.05	329.84	329.09	329.27	327.71	329.50
9	328.68	327.87	326.42	326.64	326.80	330.41	329.10	329.74	329.03	329.32	327.59	329.58
10	328.66	327.73	326.44	326.65	326.79	330.73	329.36	329.67	328.99	329.43	327.59	329.67
11	328.63	327.60	326.53	326.51	326.77	330.76	329.30	329.67	328.94	329.25	327.60	329.79
12	328.45	327.52	326.61	326.43	326.79	330.92	329.29	329.67	328.94	329.12	327.59	329.63
13	328.33	327.39	326.63	326.35	326.93	331.08	329.35	329.75	328.89	329.10	327.57	329.52
14	328.34	327.31	326.59	326.32	326.94	330.94	329.40	329.76	328.91	329.13	327.66	329.62
15	328.43	327.23	326.48	326.27	327.05	330.83	329.45	329.80	329.11	329.10	327.54	329.84
16	328.40	327.11	326.54	326.21	327.09	330.76	329.62	329.71	329.30	329.05	327.45	330.03
17	328.47	326.99	326.63	326.10	327.27	330.67	329.66	329.62	329.57	329.06	327.61	330.22
18	328.51	326.97	326.58	326.05	327.38	330.56	329.57	329.67	329.74	328.95	327.65	330.40
19	328.40	326.90	326.80	325.97	327.49	330.56	329.50	329.79	329.92	328.85	327.70	330.23
20	328.28	326.85	326.94	326.00	327.59	330.54	329.59	329.78	329.80	328.84	327.63	330.14
21	328.29	326.78	326.77	326.02	327.57	330.33	329.78	329.76	329.67	328.74	327.63	330.09
22	328.32	326.74	326.68	326.04	327.51	330.18	329.96	329.75	329.66	328.78	327.50	330.17
23	328.35	326.67	326.76	326.29	327.60	330.19	330.09	329.64	329.63	328.72	327.62	330.06
24	328.34	326.57	326.74	326.43	327.70	330.17	330.03	329.55	329.64	328.72	328.17	330.03
25	328.33	326.49	326.72	326.45	327.87	330.07	329.95	329.51	329.64	328.56	328.69	329.97
26	328.19	326.44	326.76	326.35	328.15	330.10	329.87	329.45	329.64	328.45	328.75	329.86
27	328.11	326.37	326.78	326.45	328.54	330.25	329.84	329.42	329.46	328.55	328.70	329.78
28	328.02	326.33	326.77	326.51	328.63	330.02	329.82	329.45	329.35	328.51	328.78	329.88
29	327.99	326.33	326.75	326.52	328.59	329.86	329.81	329.50	329.31	328.48	328.69	330.06
30	327.94	326.19	326.82	326.58	---	329.85	329.84	329.36	329.30	328.46	328.62	330.17
31	327.99	---	326.85	326.63	---	329.90	---	329.24	---	328.47	329.10	---
MAX	329.13	327.96	326.94	326.80	328.63	331.08	330.09	329.84	329.92	329.43	329.10	330.40
MIN	327.94	326.19	326.09	325.97	326.51	328.46	329.05	329.24	328.89	328.45	327.45	329.26
[+]	52.24	46.75	48.76	48.10	54.07	58.06	57.88	56.05	56.23	53.70	55.63	58.95
[*]	-1,344	-2,118	750	-246	2,383	1,490	-69.4	-683	69.4	-945	721	1,281
CAL YR 1991	*	235	MAX 332.52	MIN 324.19								
WTR YR 1992	*	98.3	MAX 331.08	MIN 325.97								

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

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 J. 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 is available in the office of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 186.17 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 15.45 ft, Feb. 27, 1990; minimum, 2.10 ft, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 13.59 ft, Mar. 26; minimum, 2.67 ft, June 19.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.70	4.43	7.37	12.47	5.20	7.41	9.12	4.67	5.82	11.61	3.37	6.08
2	11.06	4.76	7.08	10.17	5.42	6.75	11.31	4.55	6.89	12.30	4.53	7.20
3	11.78	4.04	6.79	10.27	4.58	6.03	10.26	4.89	6.36	10.50	5.17	6.71
4	11.96	4.51	7.08	12.86	4.36	7.33	12.79	4.72	7.00	11.70	5.46	6.97
5	10.73	4.35	6.46	12.43	4.65	7.64	11.01	5.03	6.61	8.02	4.17	5.35
6	10.45	3.99	5.93	9.47	5.36	7.40	11.24	4.48	6.19	12.77	4.15	7.59
7	11.99	3.55	6.48	9.10	5.19	6.94	10.33	4.68	6.30	12.09	5.28	7.30
8	10.84	5.71	7.19	10.21	4.39	7.04	9.44	5.05	6.19	12.07	4.57	6.73
9	10.77	4.26	6.36	12.19	5.68	7.17	10.83	4.61	6.17	10.91	3.90	6.90
10	11.08	3.88	6.28	7.95	4.16	6.26	9.40	5.00	6.08	11.36	5.51	7.63
11	11.77	4.22	6.50	10.98	5.04	6.86	11.06	4.47	6.06	12.19	5.62	7.17
12	11.69	4.96	6.78	12.22	4.26	6.92	9.81	4.61	6.03	10.55	4.77	5.94
13	10.75	4.99	6.49	12.35	4.55	7.11	10.06	4.41	5.88	11.24	4.64	6.93
14	11.31	5.25	6.59	11.51	4.96	7.16	10.48	3.84	5.83	11.19	4.51	6.88
15	10.55	3.92	5.69	11.87	5.35	7.55	10.16	4.59	6.06	12.46	4.39	6.79
16	11.02	3.87	5.67	10.67	5.39	6.70	12.72	3.35	8.02	10.56	4.29	6.66
17	7.04	3.58	4.67	9.31	4.95	6.14	13.10	6.63	9.05	11.83	4.95	7.25
18	8.70	3.31	5.04	11.96	4.66	6.79	12.92	6.35	9.11	10.71	5.70	6.95
19	7.54	3.71	5.38	11.43	4.33	6.44	12.52	6.21	8.14	8.81	4.87	5.98
20	7.77	4.84	5.91	10.65	4.72	6.54	11.99	5.13	7.08	12.08	4.25	7.02
21	8.89	4.64	6.16	10.78	4.94	6.70	8.50	5.15	6.39	12.68	3.86	6.91
22	8.82	4.49	6.01	11.20	5.48	7.24	9.14	4.67	5.99	12.07	4.41	6.95
23	8.75	4.79	5.98	10.77	5.14	6.76	10.72	4.34	6.22	10.17	4.43	6.47
24	12.09	4.03	6.42	10.38	4.96	6.33	10.98	5.16	6.89	10.84	4.24	6.80
25	12.19	4.50	7.03	13.29	5.19	8.08	10.88	5.05	6.84	12.42	6.07	7.32
26	11.71	5.22	7.09	12.66	6.19	8.18	11.43	5.39	7.30	9.69	4.88	6.10
27	9.74	5.10	6.49	13.31	5.22	7.48	11.83	4.02	6.36	10.67	4.03	6.22
28	12.71	4.23	6.91	9.86	3.85	5.55	10.32	4.61	6.24	10.84	4.13	6.29
29	9.26	5.29	6.90	9.66	3.58	5.53	9.22	3.92	5.49	10.89	4.35	6.46
30	10.50	4.78	6.95	10.40	3.90	5.88	11.28	3.74	5.99	10.98	4.54	6.66
31	12.19	4.05	6.62	---	---	---	11.66	4.10	6.60	11.43	4.30	6.76
MONTH	12.71	3.31	6.40	13.31	3.58	6.86	13.10	3.35	6.62	12.77	3.37	6.74

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.64	5.46	6.89	11.06	4.78	6.58	13.12	6.07	10.28	9.73	4.75	6.46
2	10.84	5.38	6.49	10.87	4.33	6.47	13.32	5.90	10.32	9.09	5.80	6.89
3	11.60	4.91	6.27	11.01	4.05	6.33	13.09	6.11	10.19	8.25	4.88	6.20
4	11.79	4.13	5.93	10.28	4.03	5.94	11.53	5.41	7.82	8.38	4.25	5.98
5	10.92	4.01	5.70	11.13	3.85	6.05	11.05	3.81	6.63	8.17	2.95	5.48
6	11.90	4.14	6.48	11.61	4.92	6.79	12.62	4.34	8.26	8.12	3.60	5.53
7	10.81	4.45	5.90	11.43	7.26	8.46	12.52	5.49	8.84	8.16	4.42	5.65
8	10.35	4.29	5.92	10.38	6.62	7.50	13.01	5.72	8.84	9.31	4.32	5.84
9	9.01	4.76	5.77	10.32	5.00	6.88	12.25	4.56	6.89	10.01	4.90	6.28
10	10.61	4.42	6.47	8.98	3.53	5.54	11.83	3.81	6.37	7.83	5.12	6.09
11	10.67	4.50	6.46	9.69	4.07	5.85	10.54	4.47	6.18	10.62	4.02	6.30
12	11.66	4.02	6.33	9.61	3.71	5.66	10.64	5.29	6.38	9.12	4.21	6.19
13	10.18	3.94	5.60	9.61	3.29	5.29	11.07	5.08	6.35	9.02	3.73	6.07
14	10.68	3.91	6.16	10.73	4.22	6.42	10.12	5.01	6.31	9.28	4.20	6.18
15	10.66	4.99	6.31	10.32	3.85	5.83	9.70	4.58	5.83	9.98	4.09	6.31
16	9.96	4.89	6.14	12.77	3.41	8.77	10.43	4.15	5.52	9.65	5.01	6.27
17	11.70	5.04	7.05	13.39	6.72	10.22	8.55	4.76	6.20	8.22	4.39	5.79
18	11.06	4.92	6.78	13.33	6.47	10.21	8.98	4.87	6.28	8.64	4.16	6.34
19	10.76	4.53	6.65	13.29	6.58	10.16	9.93	4.57	5.66	9.38	4.71	6.70
20	11.22	4.97	6.83	13.28	6.55	10.12	9.96	3.35	5.57	8.48	4.75	6.61
21	11.02	4.37	6.89	12.01	6.14	8.31	8.99	3.95	5.96	8.34	4.06	6.10
22	8.34	4.88	6.08	11.45	5.13	7.42	10.50	4.03	6.30	8.28	4.18	6.10
23	9.21	3.80	5.33	13.24	4.94	8.91	10.41	4.20	6.60	8.57	5.13	6.45
24	12.00	3.48	6.06	13.40	6.97	10.38	10.52	3.88	6.68	8.68	4.73	6.32
25	12.53	6.57	8.10	13.22	6.81	10.44	9.69	4.73	6.44	8.42	4.60	6.08
26	12.53	6.23	7.99	13.59	6.44	10.41	8.62	4.04	5.54	8.81	4.62	6.34
27	12.31	4.73	7.44	11.45	6.19	8.47	9.52	3.33	5.69	8.85	4.67	6.34
28	8.64	3.81	5.87	11.95	5.77	7.80	9.55	3.54	5.96	8.32	4.67	6.01
29	10.88	4.45	6.59	12.43	4.48	7.23	9.05	3.98	5.89	8.80	3.57	5.71
30	---	---	---	13.10	4.46	9.60	9.12	3.28	5.64	8.22	4.82	6.10
31	---	---	---	13.23	6.05	10.30	---	---	---	8.85	4.82	6.08
MONTH	12.53	3.48	6.43	13.59	3.29	7.88	13.32	3.28	6.85	10.62	2.95	6.15
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	9.37	3.98	5.99	12.16	4.02	6.68	10.20	3.88	6.00	12.58	3.69	6.93
2	11.49	4.79	6.94	12.44	4.14	6.69	9.71	3.33	5.49	11.25	3.65	6.82
3	9.80	4.52	5.97	11.27	4.58	6.75	10.91	3.70	6.28	10.53	3.49	6.55
4	10.23	3.47	5.65	10.08	5.12	6.46	12.88	4.50	7.19	11.95	3.55	6.66
5	11.04	3.95	6.35	7.82	4.08	5.78	11.48	4.71	7.26	11.20	3.82	6.32
6	10.33	4.99	6.67	10.62	4.04	6.57	11.82	4.25	6.86	9.41	4.18	5.88
7	10.04	4.66	6.31	9.74	4.62	6.78	11.28	4.30	6.60	12.29	4.04	6.46
8	13.19	3.67	7.22	9.64	5.05	7.22	10.80	4.97	6.51	12.83	4.32	6.91
9	10.85	4.70	6.88	9.48	4.71	6.88	11.16	4.74	6.47	11.90	5.33	7.06
10	9.81	3.37	5.90	10.26	3.79	6.43	12.90	3.57	7.15	11.48	5.21	6.91
11	11.40	3.04	6.11	9.48	4.70	6.85	12.75	4.03	7.25	10.99	4.61	6.83
12	11.66	3.56	6.60	9.25	4.80	6.67	11.38	4.35	7.02	10.37	4.51	6.43
13	10.45	4.71	6.44	10.63	3.87	6.70	12.45	3.64	6.82	9.96	3.80	5.71
14	9.24	4.02	5.77	10.33	4.33	6.83	9.18	4.55	6.35	13.43	3.19	7.41
15	11.49	3.87	6.48	9.84	3.71	6.15	10.44	4.08	6.07	12.07	4.12	6.61
16	12.85	4.21	7.75	10.13	3.85	6.44	8.15	4.50	6.23	10.05	3.34	5.95
17	10.35	3.79	6.55	9.38	4.08	6.24	12.59	3.30	6.54	12.08	4.25	6.84
18	12.92	3.38	6.97	10.30	4.54	6.49	13.18	3.99	7.25	12.11	4.65	7.03
19	11.68	2.67	6.37	10.38	4.98	6.47	11.85	4.54	7.40	11.27	3.53	6.06
20	11.47	5.45	7.35	10.58	4.23	6.17	10.84	4.54	7.41	9.48	4.09	5.78
21	9.64	5.40	6.85	12.21	3.92	6.34	8.65	5.16	6.95	12.73	3.85	7.27
22	12.66	3.66	7.83	10.17	3.90	6.08	10.91	5.11	6.77	13.14	4.69	7.72
23	13.36	4.83	8.82	10.37	4.50	6.38	9.38	4.65	6.19	11.26	4.68	7.34
24	13.39	4.48	8.53	10.91	4.66	6.70	12.06	3.37	6.67	10.76	3.78	6.26
25	13.36	4.09	8.55	11.46	5.34	6.92	11.71	3.60	6.81	10.26	3.54	5.85
26	12.57	4.12	8.23	11.20	4.75	6.34	12.99	3.83	7.08	9.94	3.18	5.72
27	12.17	3.79	6.81	12.96	3.86	6.56	12.71	3.66	6.93	9.81	3.52	5.67
28	11.19	4.11	6.37	12.50	4.25	6.81	12.00	3.57	6.81	12.33	3.52	6.45
29	12.55	4.05	6.73	12.61	4.35	6.87	10.49	3.85	5.97	12.13	4.64	7.34
30	12.25	4.31	6.84	12.82	4.38	6.84	9.95	3.63	5.51	12.22	4.19	7.13
31	---	---	---	10.89	4.35	6.40	11.36	3.53	6.57	---	---	---
MONTH	13.39	2.67	6.86	12.96	3.71	6.56	13.18	3.30	6.66	13.43	3.18	6.60
YEAR	13.59	2.67	6.72									

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.--Water-stage recorder and data collection platform. Datum of gage is 197.34 ft above National Geodetic Vertical Datum of 1929 (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 above 3600 ft³/s, fair from 240 ft³/s to 3600 ft³/s, and poor below 240 ft³/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	17	33	140	103	317	396	120	34	181	12	31
2	31	20	36	78	93	257	316	115	37	127	11	28
3	30	24	43	76	86	224	260	106	36	86	12	23
4	29	36	168	123	83	206	228	95	161	72	17	20
5	29	35	239	157	82	188	213	85	267	69	13	20
6	28	30	147	105	85	1300	202	80	158	61	10	26
7	27	28	107	83	88	7740	195	74	104	60	10	48
8	25	29	85	72	88	5680	204	77	74	47	20	62
9	24	28	76	66	83	1090	207	211	194	39	37	35
10	23	35	72	62	76	592	193	230	304	33	18	28
11	23	59	67	61	71	614	178	169	221	28	16	23
12	20	85	62	59	69	517	172	129	707	24	14	18
13	20	74	58	61	71	383	168	107	303	21	31	17
14	18	64	56	92	69	315	157	98	337	19	342	15
15	20	55	53	152	218	274	144	104	450	15	341	13
16	18	47	50	124	1900	247	136	95	470	13	152	11
17	19	44	46	93	683	224	140	84	212	12	141	9.2
18	19	41	42	79	1050	213	131	74	136	14	372	8.7
19	18	39	39	97	729	224	121	64	103	17	146	7.8
20	19	37	38	222	538	408	110	102	83	16	308	7.1
21	20	35	36	239	332	465	792	55	73	19	255	298
22	19	34	36	174	241	353	1750	46	63	18	171	34
23	16	33	40	442	723	637	685	41	59	44	206	14
24	18	33	46	1080	1630	800	333	37	51	37	228	16
25	19	32	53	423	1030	455	230	35	44	33	150	28
26	17	33	54	236	3070	2380	184	32	40	30	89	51
27	18	32	51	170	1520	1470	168	30	36	22	83	42
28	20	31	56	143	662	641	142	28	35	19	73	96
29	19	30	281	130	417	428	134	26	94	16	56	54
30	16	31	342	125	---	365	125	27	109	13	45	41
31	17	---	152	114	---	431	---	29	---	14	37	---
TOTAL	671	1151	2664	5278	15890	29438	8414	2605	4995	1219	3416	1124.8
MEAN	21.6	38.4	85.9	170	548	950	280	84.0	166	39.3	110	37.5
MAX	32	85	342	1080	3070	7740	1750	230	707	181	372	298
MIN	16	17	33	59	69	188	110	26	34	12	10	7.1
CFSM	.04	.07	.16	.31	1.01	1.74	.51	.15	.31	.07	.20	.07
IN.	.05	.08	.18	.36	1.08	2.01	.57	.18	.34	.08	.23	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1992, BY WATER YEAR (WY)

	MEAN	209	214	377	719	832	1015	638	284	186	187	195	96.0
MAX	2039	1281	1703	2263	2623	2935	2514	1016	1576	1061	2311	486	
(WY)	1991	1949	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	17.6	1.05	
(WY)	1955	1955	1955	1956	1957	1985	1986	1941	1956	1990	1954	1954	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1930 - 1992
ANNUAL TOTAL	192667	76865.8	
ANNUAL MEAN	528	210	403
HIGHEST ANNUAL MEAN			959
LOWEST ANNUAL MEAN			119
HIGHEST DAILY MEAN	12300	Mar 4	31700
LOWEST DAILY MEAN	16	Oct 23	.00
ANNUAL SEVEN-DAY MINIMUM	18	Oct 26	.00
INSTANTANEOUS PEAK FLOW			35100
INSTANTANEOUS PEAK STAGE			41.08
ANNUAL RUNOFF (CFSM)	.97		.74
ANNUAL RUNOFF (INCHES)	13.15		10.05
10 PERCENT EXCEEDS	1040	419	808
50 PERCENT EXCEEDS	220	72	103
90 PERCENT EXCEEDS	29	18	16

* Also occurred on many days in Sept., Oct., Nov., 1954.

SAVANNAH RIVER BASIN
02196250 HORN CREEK NEAR COLLIERS, SC

LOCATION.--Lat 33°42'55'', long 81°56'23'', Edgefield County, Hydrologic Unit 03060107, on left bank, upstream side of bridge on County Road 76, 3.5 mi northeast of Ropers Crossroads and 5.1 mi south of Edgefield.

DRAINAGE AREA.--13.9 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except estimated daily discharges, Jan. 1 - 27, Mar. 9 - 17, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	7.1	7.9	8.0	11	15	14	8.1	5.7	21	3.3	7.4
2	5.6	8.1	8.0	10	11	13	13	7.7	5.5	14	3.3	7.1
3	5.7	7.8	12	12	10	13	13	7.2	10	10	3.3	7.0
4	5.6	7.9	12	14	10	12	12	6.8	14	8.9	3.2	6.8
5	5.8	7.8	8.6	11	11	12	11	6.7	7.9	7.6	3.0	7.2
6	5.7	7.9	7.8	10	12	104	11	7.1	6.6	6.8	3.0	11
7	5.3	7.9	7.5	9.0	11	159	12	8.1	5.9	6.4	3.2	9.9
8	5.5	7.9	7.3	8.8	10	45	12	13	8.3	5.3	3.2	7.9
9	5.5	9.6	7.2	9.0	9.8	28	11	9.9	31	4.8	3.4	7.0
10	5.6	14	7.5	9.0	9.8	23	10	8.3	13	4.4	4.6	7.2
11	5.7	9.7	7.1	9.6	9.8	20	10	7.4	11	4.2	3.5	6.8
12	5.6	7.9	7.2	9.5	9.6	18	10	7.1	12	3.9	3.1	6.5
13	5.3	7.2	7.1	9.4	9.5	16	9.4	8.0	12	3.8	62	5.8
14	5.3	6.9	7.7	9.8	9.4	15	8.9	8.3	44	3.5	111	6.1
15	5.7	6.8	7.4	9.4	13	14	9.8	7.1	19	3.3	22	6.1
16	6.1	6.8	7.2	9.0	14	13	9.7	6.8	14	3.2	15	6.0
17	6.0	6.8	7.0	9.0	14	12	8.6	6.6	11	3.3	10	5.9
18	5.8	6.8	6.8	9.2	17	13	8.2	6.5	9.2	3.5	8.7	5.8
19	5.8	6.8	6.8	9.8	15	19	8.0	6.2	8.4	3.8	64	5.7
20	6.5	6.8	6.9	9.5	13	17	17	7.3	7.9	4.5	78	5.7
21	6.3	6.9	7.0	9.0	12	15	34	6.2	7.1	5.0	27	5.8
22	6.3	7.4	7.0	11	11	13	29	5.6	6.6	4.4	149	5.7
23	6.2	7.5	7.1	20	40	18	16	5.5	6.2	5.9	54	5.5
24	6.3	7.5	11	29	26	15	12	5.2	5.9	4.8	29	11
25	6.4	7.5	8.1	17	44	16	11	5.0	5.4	4.2	20	8.4
26	6.6	7.6	7.7	13	40	41	9.8	6.4	5.1	3.8	16	7.4
27	6.7	7.6	8.2	11	24	22	9.5	5.6	5.1	3.6	13	29
28	6.7	8.6	13	12	19	18	9.3	5.4	5.2	3.6	11	24
29	6.6	8.3	17	12	17	15	8.9	5.7	5.7	4.1	9.5	12
30	6.7	7.7	11	11	---	17	8.8	6.7	32	3.6	8.5	9.0
31	6.9	---	8.7	11	---	17	---	6.1	---	3.3	8.0	---
TOTAL	185.0	235.1	262.8	351.0	462.9	788	366.9	217.6	340.7	172.5	755.8	256.7
MEAN	5.97	7.84	8.48	11.3	16.0	25.4	12.2	7.02	11.4	5.56	24.4	8.56
MAX	6.9	14	17	29	44	159	34	13	44	21	149	29
MIN	5.2	6.8	6.8	8.0	9.4	12	8.0	5.0	5.1	3.2	3.0	5.5
CFSM	.43	.56	.61	.81	1.15	1.83	.88	.50	.82	.40	1.75	.62
IN.	.50	.63	.70	.94	1.24	2.11	.98	.58	.91	.46	2.02	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	1991	1987	1987	1987	1984	1991	1983	1984	1992	1989	1992	1985
MEAN	10.7	11.7	16.0	19.9	25.9	22.5	15.8	9.57	6.86	6.85	7.93	5.04
MAX	40.3	26.7	42.9	50.7	41.1	47.8	39.6	23.7	11.4	18.3	24.4	8.73
(WY)	1991	1987	1987	1987	1984	1991	1983	1984	1992	1989	1992	1985
MIN	3.24	4.60	5.36	4.77	14.5	7.89	7.12	3.58	2.90	1.84	2.16	1.41
(WY)	1983	1982	1985	1985	1988	1985	1985	1981	1986	1986	1988	1981

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1981 - 1992
ANNUAL TOTAL	6256.0	4395.0	
ANNUAL MEAN	17.1	12.0	13.2
HIGHEST ANNUAL MEAN			21.0
LOWEST ANNUAL MEAN			7.17
HIGHEST DAILY MEAN	451	159	530
LOWEST DAILY MEAN	3.9	3.0	.77
ANNUAL SEVEN-DAY MINIMUM	4.7	3.2	.86
INSTANTANEOUS PEAK FLOW		514	* 3680
INSTANTANEOUS PEAK STAGE		7.45	15.29
ANNUAL RUNOFF (CFSM)	1.23	.86	.95
ANNUAL RUNOFF (INCHES)	16.74	11.76	12.88
10 PERCENT EXCEEDS	27	18	23
50 PERCENT EXCEEDS	11	8.1	7.9
90 PERCENT EXCEEDS	5.8	5.1	3.2

* From rating curve extended above 760 ft³/s on basis of step-backwater computations.

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 National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 75.49 ft, Aug. 16, 1991, but may have been higher during the period of no gage height record, Oct. 11 - 15, 1990; minimum, 67.36 ft, May 27, 1990, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 73.77 ft, June 23; minimum, 67.63 ft, Sept. 14.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.94	71.35	70.77	69.75	71.60	70.91	---	71.05	70.59	70.48	70.27	70.43
2	70.98	71.37	71.17	70.89	71.46	70.15	---	71.92	71.12	70.55	69.88	70.33
3	70.47	70.64	71.14	71.09	70.89	69.95	---	71.25	70.28	70.89	69.91	70.14
4	71.06	70.74	71.28	71.60	70.47	69.93	71.22	70.55	69.99	71.19	71.02	70.36
5	70.93	70.97	71.22	70.21	70.37	69.92	69.82	69.85	70.78	70.52	70.89	70.61
6	70.63	71.48	70.82	70.95	70.97	70.99	70.89	70.10	71.55	70.47	70.50	70.56
7	70.04	70.93	70.93	71.21	70.68	---	71.70	70.44	71.19	70.86	70.76	70.61
8	71.21	71.19	71.06	70.50	70.55	---	71.73	70.42	70.67	71.27	71.03	70.98
9	---	71.85	70.71	70.62	70.71	---	70.61	71.04	71.17	70.84	71.07	71.68
10	69.56	70.77	71.01	71.65	70.57	---	70.09	71.10	69.95	70.39	70.43	71.52
11	70.57	71.08	70.57	71.78	70.52	---	70.83	70.80	69.90	71.36	70.80	71.15
12	71.45	70.81	70.77	70.76	70.19	---	71.37	70.80	70.41	71.34	70.62	70.96
13	71.41	71.07	70.66	70.77	69.85	---	71.05	70.55	71.00	70.63	70.25	70.27
14	71.36	71.29	70.34	70.56	70.45	---	71.01	70.72	70.38	70.75	70.91	70.11
15	70.28	71.78	70.67	70.47	71.01	---	70.54	70.83	70.24	70.09	70.50	70.69
16	70.24	71.39	71.01	70.39	71.11	---	70.13	71.18	71.26	70.36	70.82	70.05
17	69.95	71.06	72.66	71.39	71.30	---	71.08	70.72	70.47	70.59	70.03	70.96
18	69.57	71.03	72.70	71.66	70.89	---	71.07	70.88	70.54	71.23	70.83	70.99
19	70.08	70.52	72.05	70.79	70.70	---	70.39	71.33	69.99	71.43	71.21	70.35
20	70.97	70.83	70.80	70.82	70.97	---	69.56	71.31	71.97	70.64	71.38	70.53
21	71.17	71.09	71.23	70.57	70.73	---	70.28	70.67	71.74	70.46	71.54	70.73
22	70.96	71.68	70.76	70.77	70.67	---	70.67	70.75	70.76	70.32	71.45	71.55
23	70.77	71.41	70.43	70.51	70.06	---	70.83	71.30	71.97	---	70.87	71.23
24	70.58	71.23	71.33	70.98	70.12	---	70.55	71.32	71.42	---	70.22	70.42
25	71.25	71.89	71.28	72.00	72.45	---	71.16	70.97	71.16	71.55	70.41	70.15
26	71.71	72.32	71.72	70.86	72.27	---	70.38	71.07	71.15	71.00	70.58	69.98
27	71.39	71.34	70.57	69.94	71.77	---	69.75	71.04	70.46	70.42	70.46	70.27
28	70.46	70.17	70.75	70.07	69.99	---	70.10	70.79	70.59	70.70	70.44	69.99
29	71.42	70.00	70.20	70.29	70.96	---	70.21	70.24	70.66	70.78	70.39	71.01
30	70.77	70.38	69.66	70.71	---	---	69.86	70.96	70.67	70.76	70.10	70.65
31	70.27	---	70.08	70.91	---	---	---	71.06	---	70.42	70.30	---
MEAN	70.75	71.12	70.98	70.82	70.84	70.31	70.63	70.87	70.80	70.77	70.64	70.64
MAX	71.71	72.32	72.70	72.00	72.45	70.99	71.73	71.92	71.97	71.55	71.54	71.68
MIN	69.56	70.00	69.66	69.75	69.85	69.92	69.56	69.85	69.90	70.09	69.88	69.98

SAVANNAH RIVER BASIN

021964831 SAVANNAH RIVER BELOW STEVENS CREEK DAM NEAR MORGANA, SC

LOCATION.--Lat 33°33'46'', long 82°03'02'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, on downstream end of lock, 200 ft below Stevens Creek Dam, about 3.2 mi south of Morgana, and at mile 208.

DRAINAGE AREA.--7,150 mi².

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

GAGE.--Data collection platform. Datum of gage is 114.42 ft above National Geodetic Vertical Datum of 1929. 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, 40.88 ft, June 26, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 49.25 ft, Mar. 26; minimum, 41.18 ft, June 18.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.23	44.30	43.62	44.03	43.79	44.03	46.15	43.60	43.51	44.20	---	44.35
2	44.45	44.17	43.87	44.09	43.55	44.15	46.16	43.62	43.91	44.24	---	44.33
3	44.12	43.81	43.84	43.98	43.79	44.07	45.35	43.63	44.10	44.18	---	44.35
4	44.10	44.42	43.92	44.04	43.60	43.99	44.92	43.73	43.47	43.86	---	44.11
5	43.92	44.45	43.95	43.62	43.39	43.72	44.27	43.72	43.57	43.84	---	43.99
6	43.93	44.49	43.53	44.27	43.55	43.90	44.48	43.63	43.61	43.75	44.36	43.90
7	43.92	44.46	43.57	44.42	43.50	---	44.67	43.64	43.67	43.97	44.07	43.95
8	44.50	43.93	43.66	44.21	43.47	---	44.70	43.52	44.01	44.08	43.84	44.02
9	---	44.17	43.60	43.84	43.45	---	44.40	43.50	44.24	44.12	43.86	43.92
10	44.08	43.86	43.58	44.16	43.81	43.29	44.06	43.61	44.10	43.84	44.27	44.00
11	43.91	44.31	43.59	44.18	43.98	43.15	43.43	43.59	43.87	43.67	44.37	44.12
12	43.74	44.12	43.52	43.56	43.95	43.18	43.48	43.70	44.13	43.74	44.37	44.05
13	43.77	44.10	43.55	44.02	43.66	42.71	43.61	43.71	43.92	43.91	44.42	43.94
14	43.78	44.08	43.60	44.31	43.49	43.59	43.77	43.73	43.92	44.16	44.39	44.12
15	43.74	44.07	43.91	44.24	43.66	43.63	43.73	43.62	44.01	44.00	43.89	44.43
16	43.64	43.91	44.03	44.00	43.74	44.08	43.51	43.52	44.32	43.86	44.07	43.97
17	43.43	43.72	44.53	43.92	44.11	45.45	43.44	43.50	44.42	43.77	44.21	43.99
18	43.26	43.96	44.71	43.89	44.17	44.90	43.49	43.56	43.63	43.56	44.35	44.43
19	43.27	43.91	44.66	43.86	44.15	44.90	43.77	43.65	44.02	43.51	44.38	44.01
20	43.40	43.78	44.38	---	44.17	45.02	43.74	43.86	43.72	43.78	44.41	43.73
21	43.42	43.81	43.65	44.13	44.02	43.82	43.91	43.74	43.73	43.84	44.46	44.17
22	43.50	43.87	43.74	44.15	44.02	42.98	44.14	43.61	44.27	---	43.98	44.46
23	43.67	43.74	43.76	44.11	43.88	43.50	44.16	43.49	44.61	---	44.12	44.46
24	43.65	43.76	43.91	43.91	43.94	45.24	44.14	43.49	44.67	---	44.23	44.24
25	43.98	44.18	44.01	44.00	44.30	45.38	43.94	43.46	44.59	---	44.36	43.95
26	43.79	44.38	44.13	43.78	44.79	46.42	43.73	43.59	44.55	---	44.36	43.83
27	43.89	44.51	43.97	44.01	44.82	45.75	43.78	43.64	44.30	---	44.34	43.79
28	44.10	43.79	44.03	43.99	43.96	44.85	43.91	43.52	43.85	---	44.36	44.15
29	44.04	43.43	43.89	44.01	43.85	44.21	43.86	43.55	43.91	---	43.91	44.35
30	44.29	43.47	44.11	44.04	---	45.19	43.72	43.53	44.27	---	43.70	44.55
31	44.19	---	44.20	43.70	---	46.09	---	43.55	---	---	43.99	---
MEAN	43.86	44.03	43.90	44.02	43.88	44.33	44.15	43.61	44.03	43.90	44.19	44.12
MAX	44.50	44.51	44.71	44.42	44.82	46.42	46.16	43.86	44.67	44.24	44.46	44.55
MIN	43.26	43.43	43.52	43.56	43.39	42.71	43.43	43.46	43.47	43.51	43.70	43.73

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 206.

DRAINAGE AREA.--7,150 mi².

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

GAGE.--Data collection platform. Elevation of gage is 150 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated, daily discharges, Dec. 20 - 23, Mar. 7 to Apr. 15, May 28, June 18, 26, 27, Aug. 4, and those below 5,000 ft³/s, which are poor. Flow regulated by Thurmond Lake (see sta 02194500) and by other powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5810	6070	2760	4980	3890	5770	15000	2840	2500	8010	3580	6890
2	7110	5270	3730	5530	2910	6330	15500	3030	5100	8820	2670	6200
3	4950	3560	3720	4990	3970	5500	13500	3680	6060	8190	3700	6980
4	5140	6730	4120	5230	2690	5150	11000	3650	2220	6330	5200	4940
5	4220	6980	4210	3090	1590	3560	10000	3620	2650	6190	7930	4820
6	5100	7190	1910	6590	2600	5270	9500	3070	2670	4910	7020	5290
7	3810	7080	2050	7510	2220	12000	11000	3510	3480	6130	5500	5630
8	7430	4020	3130	6360	2370	15000	10000	2670	5530	6650	3920	5180
9	5510	5710	2270	3830	2520	10000	9000	2860	6810	6700	4780	4270
10	5010	4070	1870	5840	4170	7200	7000	3390	5880	4750	6340	4330
11	3890	6230	2110	6190	5000	6000	4000	3120	4520	3620	6370	5100
12	2910	4900	1760	2950	4680	5600	3500	3240	6220	4600	6350	4740
13	4020	4930	1830	5580	3020	5000	4200	3720	4920	5620	7790	4070
14	2990	4810	2240	7160	2050	5700	3800	3770	5280	6880	8470	5340
15	2950	4780	4060	6520	3490	7000	3100	2770	5570	5390	4110	6970
16	2220	3900	4720	4990	4080	8000	2600	2570	7840	4610	5400	3880
17	1500	3020	8410	4450	5990	12000	2150	2580	8250	4300	6160	4020
18	669	4360	9680	4350	6200	13000	2640	2550	7700	3340	7140	6180
19	752	3780	9150	4740	6010	13300	4820	3190	5270	3360	7890	3990
20	1960	3190	8000	5670	6130	12000	4280	4380	3790	4680	8000	2280
21	1240	3220	5400	6050	5370	10200	5260	3680	4140	4650	9050	5110
22	1560	3620	5000	5840	5490	8000	6490	2870	7530	4370	5820	6450
23	2320	2930	5800	5820	5210	7600	6710	2540	10200	3610	6410	6750
24	2360	3380	6150	4510	5100	13000	6500	2650	10400	3400	6740	5460
25	4030	5440	7120	5250	7510	15000	4990	2320	9940	3470	7360	3680
26	3180	7030	7640	4150	11800	16000	4000	2710	8000	3660	7130	2920
27	4530	7600	6150	5250	12000	15300	4260	3120	7000	3710	6910	2950
28	4950	4150	6570	5020	5020	10000	5180	2900	4630	4630	7230	4780
29	4630	1680	5380	4890	4520	9000	4220	2800	5880	4520	3940	5780
30	5810	1520	5870	5180	---	11000	3310	2730	8020	3860	3510	7110
31	5100	---	6240	3360	---	14000	---	3060	---	4210	4800	---
TOTAL	117661	141150	149050	161870	137600	292480	197510	95590	178000	157170	187220	152090
MEAN	3796	4705	4808	5222	4745	9435	6584	3084	5933	5070	6039	5070
MAX	7430	7600	9680	7510	12000	16000	15500	4380	10400	8820	9050	7110
MIN	669	1520	1760	2950	1590	3560	2150	2320	2220	3340	2670	2280
CFSM	.53	.66	.67	.73	.66	1.32	.92	.43	.83	.71	.84	.71
IN.	.61	.73	.78	.84	.72	1.52	1.03	.50	.93	.82	.97	.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	MEAN	6480	4028	7255	5562	8301	10800	5988	7623	4281	5332	6752	4984
MAX	11440	5462	15710	8438	19940	22590	9659	15420	6604	7963	12820	5249	
(WY)	1990	1991	1990	1990	1990	1990	1991	1991	1991	1991	1991	1989	
MIN	2772	1827	2535	2438	1886	1440	2652	1990	1847	3983	2689	4624	
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	2849951	1967391	6453
ANNUAL MEAN	7808	5375	9510
HIGHEST ANNUAL MEAN			2612
LOWEST ANNUAL MEAN			1990
HIGHEST DAILY MEAN	25800	May 7	36500
LOWEST DAILY MEAN	669	Oct 18	65
ANNUAL SEVEN-DAY MINIMUM	1410	Oct 16	103
INSTANTANEOUS PEAK FLOW		Unknown	54200
INSTANTANEOUS PEAK STAGE		Unknown	12.57
ANNUAL RUNOFF (CFSM)	1.09	.75	.90
ANNUAL RUNOFF (INCHES)	14.83	10.24	12.26
10 PERCENT EXCEEDS	15500	8300	14400
50 PERCENT EXCEEDS	6400	4980	4840
90 PERCENT EXCEEDS	2920	2650	1490

SAVANNAH RIVER BASIN

02196500 AUGUSTA CANAL AT AUGUSTA, GA

LOCATION.--Lat 33°30'50'', long 82°00'15'', Richmond County, Hydrologic Unit 03060106, at Augusta City Waterworks Plant, and 3.5 mi downstream of Augusta City Lock and Dam near Augusta, Ga.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to September 1992 (discontinued).

GAGE.--Data collection platform. Datum of gage is 148.92 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, Nov. 15 - 19, 23 - 25, Dec. 1 - 4, Jan. 11 - 14, 20 - 23, June 9 - 15, 23, 24, July 3 - 5, 14 - 20, 23 - 27, Aug. 12 - 17, Sept. 7 - 10, 13 - 15, 19 - 21, 27 - 29, which are poor. Flow regulated by gate operations at Augusta City Lock and Dam. Discharge record computed by utilization of the one-dimensional unsteady flow simulation model. An auxiliary data collection platform (sta 02196485) is used in conjunction with this station for computation of discharge.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2790	2670	2340	2570	2450	2550	2590	2720	2570	1750	2610	2870
2	2760	2640	2630	2500	2260	2660	2610	2670	2650	1380	2710	3140
3	2810	2390	2500	2500	2400	2870	2630	2310	2530	1380	2650	2810
4	2680	2650	2560	2510	2550	2800	2580	2700	2570	1440	2990	2880
5	2600	2680	2580	2380	2560	2740	2400	2620	2570	1470	2960	2670
6	2000	2700	2610	2520	2440	2490	2580	2690	2720	2250	2910	1960
7	2810	2700	2610	2590	2540	2480	2600	2460	2500	2560	2630	2100
8	2760	2650	2220	2530	2320	2560	2630	2530	2580	2650	2760	2450
9	2760	2460	2520	2650	2110	2560	2620	2420	2530	2730	2370	2290
10	2790	2380	2710	2640	2360	2660	2550	2350	2670	2870	2890	2830
11	2700	2620	2570	2600	2410	2720	2580	2500	2660	2860	3170	2760
12	2680	2740	2590	2430	2550	2690	2370	2780	2590	2740	3200	2670
13	2070	2640	2630	2530	2530	2670	2590	2570	2540	2620	2700	2790
14	2700	2670	2540	2430	2520	2170	2590	2600	2790	2540	2500	2880
15	2630	2640	2450	2620	2280	2150	2640	2770	2600	2470	2680	2850
16	2750	2600	2510	2610	2110	2300	2660	2620	2600	2400	2700	2850
17	2610	2500	2590	2620	2320	2310	2760	2550	2660	2420	2780	2930
18	2700	2590	2560	2560	2460	2490	2620	2740	2660	2460	2900	3080
19	2670	2680	2560	2210	2490	2620	2280	2710	2670	2460	2660	2770
20	2210	2610	2540	2400	2460	2710	2460	2710	2760	2370	2680	2880
21	2750	2640	2480	2480	2370	2590	2540	2670	2640	2520	2380	2970
22	2770	2630	2160	2510	2320	2610	2690	2750	2600	2410	2530	3040
23	2780	2610	1750	2390	1990	2670	2690	2580	2490	2460	2450	2910
24	2720	2470	1260	2470	2310	2620	2640	2490	2770	2630	2720	2790
25	2700	2610	1150	2370	2370	2640	2700	2610	2850	2580	2800	2810
26	2650	2600	1140	2190	2600	2530	2530	2780	3040	2430	2900	2850
27	2040	2700	1560	2310	2620	2650	2630	2680	2720	2640	2970	2870
28	2640	2080	1500	2410	2630	2580	2550	2690	2660	2740	2790	2910
29	2690	2480	1720	2520	2520	2580	2910	2610	2130	2820	2930	2930
30	2720	2690	2230	2420	---	2520	2910	2600	2090	2990	2570	2820
31	2800	---	2420	2450	---	2650	---	2430	---	2920	2910	---
TOTAL	81740	77720	70190	76920	69850	79840	78130	80910	78510	74960	85400	83360
MEAN	2637	2591	2264	2481	2409	2575	2604	2610	2617	2418	2755	2779
MAX	2810	2740	2710	2650	2630	2870	2910	2780	3040	2990	3200	3140
MIN	2000	2080	1140	2190	1990	2150	2280	2310	2090	1380	2370	1960

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	2482	2314	2082	2225	2268	2275	2302	2379	2430	2281	2596	2568
MAX	2777	2702	2314	2481	2409	2575	2604	2610	2617	2418	2755	2779
(WY)	1989	1989	1989	1992	1992	1992	1992	1992	1992	1992	1992	1992
MIN	1977	1572	1633	1804	2084	2007	1980	2113	2155	2107	2293	2284
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	800600	937530	2350
ANNUAL MEAN	2193	2562	2562
HIGHEST ANNUAL MEAN			1992
LOWEST ANNUAL MEAN			2000
HIGHEST DAILY MEAN	2810	Oct 3	3200
LOWEST DAILY MEAN	1140	Dec 26	1140
ANNUAL SEVEN-DAY MINIMUM	1270	Jul 1	1440
10 PERCENT EXCEEDS	2640		2840
50 PERCENT EXCEEDS	2180		2610
90 PERCENT EXCEEDS	1740		2300
			1840

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.--Water-stage recorder. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Sept. 27 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	25	27	32	27	38	35	25	15	62	13	18
2	23	28	27	32	26	36	31	24	14	58	13	18
3	25	27	36	39	26	32	29	23	23	42	13	32
4	24	27	50	38	25	30	28	21	49	35	13	33
5	24	27	35	32	27	28	28	20	31	27	12	28
6	24	27	30	30	31	57	23	21	22	24	15	24
7	22	27	28	29	27	112	22	25	19	21	15	21
8	20	28	27	31	25	62	29	32	23	20	14	21
9	19	33	27	35	23	46	28	32	65	18	14	19
10	20	57	28	35	23	43	26	26	40	17	14	18
11	21	41	27	35	22	42	35	21	30	16	12	17
12	22	32	26	40	22	38	45	18	40	16	12	16
13	21	28	26	48	22	36	34	20	35	16	38	16
14	21	27	27	59	22	34	29	26	73	15	124	17
15	24	27	26	45	27	33	27	22	52	14	57	17
16	27	26	25	40	38	30	27	20	38	15	39	30
17	25	26	25	38	34	28	26	19	32	18	34	64
18	24	26	25	34	41	29	25	18	27	37	24	38
19	23	26	24	50	33	40	23	17	27	45	28	28
20	23	26	24	48	24	40	47	19	24	27	66	23
21	23	26	24	40	17	34	71	17	22	21	60	22
22	24	27	26	36	16	32	79	15	23	20	60	21
23	24	28	27	49	46	42	46	14	21	39	52	54
24	24	27	30	47	56	38	38	14	19	32	38	58
25	25	25	27	37	52	36	33	13	17	24	31	40
26	24	25	25	34	65	51	30	14	17	20	28	32
27	25	25	27	32	52	42	28	15	20	17	26	30
28	25	25	41	32	46	36	27	15	19	16	27	26
29	24	26	67	29	42	33	26	17	21	15	23	24
30	24	26	42	28	---	34	26	19	23	14	21	21
31	24	---	35	27	---	39	---	18	---	14	19	---
TOTAL	720	851	941	1161	937	1251	1001	620	881	775	955	826
MEAN	23.2	28.4	30.4	37.5	32.3	40.4	33.4	20.0	29.4	25.0	30.8	27.5
MAX	27	57	67	59	65	112	79	32	73	62	124	64
MIN	19	25	24	27	16	28	22	13	14	14	12	16
CFSM	.87	1.07	1.14	1.41	1.21	1.52	1.25	.75	1.10	.94	1.16	1.04
IN.	1.01	1.19	1.32	1.62	1.31	1.75	1.40	.87	1.23	1.08	1.34	1.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1992, BY WATER YEAR (WY)

	1990	1991	1992	1990	1991	1992	1990	1991	1992	1990	1991	1992
MEAN	30.4	29.7	32.8	38.4	32.3	38.3	31.5	29.6	31.9	28.6	30.8	21.6
MAX	41.9	31.4	37.0	40.3	33.2	43.7	37.1	40.3	47.8	41.2	41.4	27.5
(WY)	1991	1990	1990	1991	1991	1991	1991	1991	1991	1991	1991	1992
MIN	23.2	28.4	30.4	37.4	31.4	30.9	24.1	20.0	18.7	19.6	20.2	11.8
(WY)	1992	1992	1992	1990	1990	1990	1990	1992	1990	1990	1990	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1990 - 1992

ANNUAL TOTAL	13164	10919	31.3
ANNUAL MEAN	36.1	29.8	37.8
HIGHEST ANNUAL MEAN			26.4
LOWEST ANNUAL MEAN			1990
HIGHEST DAILY MEAN	151	Mar 4	305
LOWEST DAILY MEAN	14	Mar 25	7.0
ANNUAL SEVEN-DAY MINIMUM	21	Oct 8	9.3
INSTANTANEOUS PEAK FLOW			593
INSTANTANEOUS PEAK STAGE			6.48
ANNUAL RUNOFF (CFSM)	1.36		1.12
ANNUAL RUNOFF (INCHES)	18.41		15.27
10 PERCENT EXCEEDS	55		46
50 PERCENT EXCEEDS	32		27
90 PERCENT EXCEEDS	23		17

* Also occurred on Aug. 11, 12.

SAVANNAH RIVER BASIN

02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA

LOCATION.--Lat 33°22'23'', long 81°56'32'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.3 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.5.

DRAINAGE AREA.--7,508 mi², including that of Butler Creek.

PERIOD OF RECORD.--October 1989 to current year. Records prior to October 1989 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 100.58 ft above National Geodetic Vertical Datum of 1929 (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, 7.62 ft, Aug. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.35 ft, Apr. 5; minimum, 11.47 ft, May 18.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.18	15.30	14.92	14.86	15.01	15.56	14.39	14.53	14.80	14.28	---	14.96
2	15.25	15.21	15.05	14.78	15.06	15.26	14.76	15.25	14.98	14.26	---	14.92
3	14.71	14.96	14.71	14.87	14.92	14.89	14.69	15.21	15.03	---	---	14.90
4	14.95	15.27	14.60	15.31	14.34	14.47	15.17	15.11	14.32	---	---	14.88
5	15.46	14.92	14.66	14.97	14.37	14.46	15.10	15.09	14.96	---	15.16	15.05
6	15.34	15.09	14.76	15.10	14.67	14.85	15.26	---	14.90	---	14.78	---
7	15.23	14.68	15.38	14.69	14.87	14.52	15.74	---	14.88	14.69	14.76	---
8	15.39	14.93	15.49	14.51	14.98	14.23	15.15	14.55	14.92	14.73	14.71	---
9	15.02	15.47	15.04	14.20	14.99	15.17	15.14	14.70	14.54	14.72	14.75	---
10	14.85	14.97	14.53	14.81	15.12	14.62	15.39	15.02	14.37	14.44	14.98	---
11	14.32	15.22	14.50	15.69	14.94	14.89	15.06	14.79	13.91	14.59	15.07	---
12	15.38	14.70	14.61	15.01	14.88	14.93	15.24	14.82	15.02	15.00	14.87	15.09
13	15.53	14.87	14.93	14.91	14.56	14.19	15.30	14.84	14.90	14.92	14.96	14.90
14	15.42	14.65	15.24	14.63	14.58	14.77	15.17	14.77	14.87	15.01	14.97	14.79
15	15.17	14.81	15.47	14.76	15.08	14.71	14.88	14.47	14.54	15.15	15.05	14.86
16	14.62	15.35	15.23	14.50	14.83	14.79	14.88	14.18	14.69	15.24	15.15	---
17	14.48	15.00	14.75	14.46	15.17	14.84	14.85	14.49	14.44	15.22	---	---
18	14.07	14.91	14.65	14.82	14.68	14.47	15.18	12.54	14.92	15.21	---	15.42
19	13.63	14.46	14.59	15.08	14.38	14.42	15.51	13.58	15.08	15.17	---	15.25
20	13.23	14.80	14.85	14.98	14.54	14.80	14.97	14.26	14.92	---	---	15.01
21	13.44	15.00	15.11	14.96	15.77	14.82	15.32	14.13	15.05	---	---	15.06
22	14.77	14.85	15.48	14.64	15.29	14.69	14.57	14.36	15.06	---	---	14.76
23	15.44	14.83	15.32	14.44	13.77	14.67	14.40	14.98	14.83	---	---	---
24	15.24	15.19	14.94	14.49	12.60	14.93	14.28	14.60	14.84	---	---	---
25	15.56	15.30	14.94	15.23	15.45	14.35	14.83	14.53	14.83	---	---	14.94
26	15.60	15.06	14.76	15.02	---	13.94	14.51	14.55	---	---	---	15.06
27	15.59	14.49	15.17	15.00	---	13.95	14.45	14.79	---	---	14.63	---
28	15.53	14.76	15.30	14.73	14.91	13.96	14.09	14.91	---	15.23	14.69	---
29	15.06	14.83	15.21	14.63	15.49	---	14.42	15.01	---	15.10	14.92	---
30	14.97	14.77	14.92	14.72	---	---	14.40	14.83	14.63	---	14.90	15.37
31	14.91	---	15.08	14.53	---	14.66	---	14.83	---	---	14.89	---
MEAN	14.95	14.95	14.97	14.82	14.79	14.65	14.90	14.61	14.78	14.88	14.90	15.01
MAX	15.60	15.47	15.49	15.69	15.77	15.56	15.74	15.25	15.08	15.24	15.16	15.42
MIN	13.23	14.46	14.50	14.20	12.60	13.94	14.09	12.54	13.91	14.26	14.63	14.76

CAL YR 1991 MEAN 14.83 MAX 16.02 MIN 8.29
WTR YR 1992 MEAN 14.84 MAX 15.77 MIN 12.54

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.

GAGE.--Data collection platform. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (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 NGVD (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft NGVD (levels by 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 fair except for estimated daily discharges, Mar. 21 - 23, 27 - 31, Apr. 7, 8, 24, 25, May 6, 7, June 19 - 29, July 3 - 6, 20 - 27, July 30 to Aug. 4, 11 - 26, Sept. 6 - 11, 27 - 29, 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 (revised).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7460	7770	5200	8010	5620	7710	17200	5450	5360	8310	6400	8370
2	8770	8100	6000	7470	6400	8570	17400	5510	5600	8260	5940	8420
3	8140	6430	7580	8100	6450	8670	17000	5800	9080	8640	5810	8400
4	6910	7870	6590	6450	6100	8050	16100	6010	5940	8420	6830	7940
5	7150	8850	7220	7390	5380	6630	11100	6460	5760	7000	7240	7360
6	6070	9120	5670	7220	5110	7530	11000	6040	5430	6820	8410	6930
7	6640	9130	5070	9590	5830	14000	9070	5840	6130	6780	7700	6740
8	8180	7100	5690	8950	5140	18500	7800	5730	6630	6510	5760	6920
9	8770	7380	5710	7140	5150	14200	12400	4810	8920	7410	5620	6550
10	7480	7460	5820	7090	5980	9910	9140	5640	8410	7530	5860	6540
11	6810	7710	5300	8500	7460	7580	6240	5490	6830	5380	7590	6650
12	5250	7950	5330	6300	7720	8000	5660	6010	7780	5270	8100	6520
13	5560	7380	4860	6980	6650	7310	5800	6090	7190	6070	8620	6250
14	5750	7690	5230	9460	5560	6650	7140	6230	7420	6640	10300	8860
15	6450	6930	5770	9290	5510	8530	6970	6280	7430	7080	10200	8820
16	5680	6790	7680	7900	6400	8280	6150	5410	8610	6090	8620	6480
17	5190	5990	9770	7750	8150	13800	5340	5210	10800	5850	8020	5800
18	4450	6630	11700	6420	8930	15200	5440	6050	9150	4930	8640	7560
19	4470	7150	11600	7520	8780	15600	6230	5340	9600	4820	8760	6980
20	4440	5690	9920	7680	8170	15600	6880	6240	7000	5110	9680	5410
21	4230	6030	6200	9350	8160	15400	7770	6560	5800	6140	10800	6120
22	4000	6450	5850	8590	8280	11600	9000	5380	8000	6230	10600	8410
23	4940	6050	5940	8570	8680	10900	9060	5190	9000	6450	9600	8200
24	5720	5630	6450	8170	7720	15200	6040	5330	12000	5600	8100	7820
25	6350	6910	6710	6990	8430	17800	5840	5090	13000	5200	10200	5710
26	5980	8650	6680	7320	13400	18100	6790	5120	11800	5400	9350	5710
27	5900	10100	7240	7870	14900	18600	6590	5620	10500	5800	8910	6320
28	7320	7260	7050	7770	9280	15600	6810	5400	8340	7260	8560	6210
29	6770	5050	7400	7590	7660	11000	7110	5650	7390	7410	7380	7260
30	8470	4800	8010	7700	---	12000	6600	5230	8080	7420	5750	8230
31	7640	---	8070	7450	---	16300	---	5360	---	6410	6190	---
TOTAL	196940	216050	213310	242580	217000	372820	261670	175570	242980	202240	249540	211490
MEAN	6353	7202	6881	7825	7483	12030	8722	5664	8099	6524	8050	7050
MAX	8770	10100	11700	9590	14900	18600	17400	6560	13000	8640	10800	8820
MIN	4000	4800	4860	6300	5110	6630	5340	4810	5360	4820	5620	5410
CFSM	.85	.96	.92	1.04	1.00	1.60	1.16	.75	1.08	.87	1.07	.94
IN.	.98	1.07	1.06	1.20	1.08	1.85	1.30	.87	1.20	1.00	1.24	1.05

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1884 - 1992, BY WATER YEAR (WY)

MEAN	7111	6933	9167	12270	14230	15530	13480	9054	8219	7712	8254	7547
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 1991 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1884 - 1992	
ANNUAL TOTAL	3652300		2802190			
ANNUAL MEAN	10010		7656		9966	
HIGHEST ANNUAL MEAN					16580	
LOWEST ANNUAL MEAN					5344	
HIGHEST DAILY MEAN	27600	May 7	18600	Mar 27	315000	Oct 3 1929
LOWEST DAILY MEAN	4000	Oct 22	4000	Oct 22	1040	Oct 2 1927
ANNUAL SEVEN-DAY MINIMUM	4530	Oct 17	4530	Oct 17	1170	Aug 23 1925
INSTANTANEOUS PEAK FLOW			22100	Mar 27	350000	Oct 3 1929
INSTANTANEOUS PEAK STAGE			16.29	Mar 27	* 46.30	Sep 27 1929
INSTANTANEOUS LOW FLOW			3540	Oct 21	** 648	Sep 24 1939
ANNUAL RUNOFF (CFSM)	1.33		1.02		1.33	
ANNUAL RUNOFF (INCHES)	18.10		13.88		18.03	
10 PERCENT EXCEEDS	16500		10400		18400	
50 PERCENT EXCEEDS	8560		7120		6890	
90 PERCENT EXCEEDS	5650		5380		3880	

* At site and datum then in use.

** From rating curve extended below 1,400 ft³/s.

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950 to September 1950, 1968 to September 1972, 1973 to September 1986, 1990 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1973 to September 1986, November 1989 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.5°C, Aug. 14 - 17, 1981; minimum, 4.5°C Feb. 19, 20, 1979.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.5°C, Sept. 12, 13; minimum, 9.0°C, Jan. 19 - 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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

SAVANNAH RIVER BASIN

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02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC
(Hydrologic bench-mark station and radiochemical program station)

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.

DRAINAGE AREA.--98.7 mi² (revised).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Data collection platform. Elevation of gage is 165 ft above National Geodetic Vertical Datum of 1929 (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, Mar. 6 - 12, Apr. 13, 14, 29, 30, May 2, 3, 8 - 10, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	99	104	109	110	121	108	94	93	103	84	87
2	103	101	105	108	110	117	106	93	92	109	84	86
3	105	100	112	117	110	116	104	95	102	113	85	88
4	103	102	131	113	110	115	104	93	147	109	86	93
5	104	99	110	109	118	114	103	91	108	97	84	128
6	104	99	108	107	120	114	101	94	99	94	85	112
7	100	99	107	105	114	264	104	104	96	95	87	108
8	100	100	106	104	114	211	108	108	100	91	88	99
9	99	108	106	105	114	130	101	99	172	89	86	95
10	99	156	105	105	111	119	99	93	121	87	84	93
11	100	117	104	103	112	118	104	93	108	86	83	97
12	99	108	104	103	111	113	110	92	154	85	83	96
13	98	105	104	130	111	113	104	93	151	86	151	90
14	98	103	106	160	111	112	96	96	162	85	162	89
15	101	102	105	121	116	110	96	93	146	84	125	88
16	106	101	104	113	127	110	96	92	123	85	109	88
17	100	101	103	110	124	109	95	92	132	91	103	88
18	99	101	103	109	138	108	95	90	111	98	99	89
19	98	101	102	134	125	120	96	90	105	94	115	89
20	98	102	101	130	119	116	107	95	102	97	509	89
21	98	104	102	118	116	111	121	90	99	93	176	89
22	99	106	103	113	115	109	156	89	97	92	130	89
23	99	106	104	135	144	116	111	88	96	103	117	99
24	98	104	122	130	140	111	102	88	95	118	105	138
25	98	104	111	116	130	113	99	88	93	96	98	159
26	99	104	106	113	177	143	96	95	93	92	96	111
27	100	104	107	113	146	120	95	93	95	89	94	108
28	100	103	120	112	132	112	96	92	99	87	94	116
29	99	104	170	112	125	109	95	96	113	86	92	104
30	98	104	122	111	---	111	95	101	100	85	89	98
31	99	---	113	111	---	114	---	96	---	85	88	---
TOTAL	3102	3147	3410	3579	3550	3819	3103	2906	3404	2904	3571	3003
MEAN	100	105	110	115	122	123	103	93.7	113	93.7	115	100
MAX	106	156	170	160	177	264	156	108	172	118	509	159
MIN	98	99	101	103	110	108	95	88	92	84	83	86
CFSM	1.01	1.06	1.11	1.17	1.24	1.25	1.05	.95	1.15	.95	1.17	1.01
IN.	1.17	1.19	1.29	1.35	1.34	1.44	1.17	1.10	1.28	1.09	1.35	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1992, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	96.0	102	107	111	110	114	108	101	99.7	98.8	101	96.8															
MAX	130	122	139	145	152	157	156	136	167	123	132	124															
(WY)	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
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)	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1966 - 1992

	1991	1992	1966-1992
ANNUAL TOTAL	38453	39498	
ANNUAL MEAN	105	108	
HIGHEST ANNUAL MEAN			104
LOWEST ANNUAL MEAN			133
HIGHEST DAILY MEAN	300	Aug 2	77.1
LOWEST DAILY MEAN	82	Jun 24	53
ANNUAL SEVEN-DAY MINIMUM	84	Jun 20	55
INSTANTANEOUS PEAK FLOW			820
INSTANTANEOUS PEAK FLOW			8.67
INSTANTANEOUS LOW FLOW			81
ANNUAL RUNOFF (CFSM)	1.07	1.09	1.05
ANNUAL RUNOFF (INCHES)	14.49	14.89	14.26
10 PERCENT EXCEEDS	126	127	131
50 PERCENT EXCEEDS	101	104	100
90 PERCENT EXCEEDS	87	89	75

* Also occurred on Aug. 12.

** Also occurred on Aug. 19, 22, 23, 1983.

SAVANNAH RIVER BASIN

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS. / 100 ML)	STREP-TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	
DEC	02...	1200	105	760	11.5	--	--	4	4.2	9.0	83	3	5.9
APR	15...	0805	96	761	16.0	180	140	2	2.7	8.6	87	3	6.0
JUN	23...	0830	96	755	19.0	130	500	2	2.5	7.9	86	3	5.8

DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TUR- BID- ITY (NTU)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SULFATE DIS- SOLVED (MG/L AS SO4)
DEC 02...	20	0.70	0.64	0.33	0.30	1.2	44	0.3	2.0	0.20	0.70
APR 15...	15	2.7	0.67	0.36	0.30	2.1	56	0.5	2.4	<0.10	0.70
JUN 23...	13	21	0.53	0.32	0.20	1.4	51	0.4	1.7	<0.10	0.70

DATE	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)
DEC 02...	6.8	26	16	0.03	--	7.37	<0.010	<0.010	0.230	0.210	0.020
APR 15...	5.8	9	15	0.01	7	2.33	<0.010	<0.010	0.230	0.210	0.010
JUN 23...	7.0	20	14	0.03	--	5.18	<0.010	<0.010	0.220	0.220	0.010

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)
DEC 02...	0.03	<0.010	<0.20	0.03	0.010	<0.010	0.010	0.020	70	8	<3
APR 15...	0.01	0.020	<0.20	--	<0.010	<0.010	<0.010	<0.010	50	7	<3
JUN 23...	0.01	0.030	<0.20	--	<0.010	<0.010	0.020	<0.010	30	21	<3

SAVANNAH RIVER BASIN

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02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DATE	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)
DEC 02...	420	4	1.1	<4	14	87	<10	1	<1	<1.0	3
APR 15...	91	3	0.78	<4	9	87	<10	1	<1	<1.0	4
JUN 23...	210	7	1.8	<4	9	100	<10	<1	<1	<1.0	4

DATE	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	HARD- NESS NONCARE DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4)
DEC 02...	--	<6	--	--	--	--	--	--	--	0	--
APR 15...	--	<6	--	--	--	--	--	--	--	2	0.03
JUN 23...	0.02	<6	6.0	1.1	0.7	0.7	<0.6	<0.6	0.27	1	0.04

NOTE: "K" denotes a bacteria count outside ideal limits.
 ">" denotes a value greater than that listed.
 "<" denotes a value less than that listed.

SAVANNAH RIVER BASIN

021973008 MCQUEEN BRANCH AT ROAD F AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'45'', long 81°13'73'', Aiken County, Hydrologic Unit 03060106, on right bank, 75 ft north of Road F, at Savannah River Site.

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

GAGE.--Data collection platform. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--WATER YEAR 1991: Records fair except for estimated daily discharges, Dec. 20, Jan. 11, 19, 24, 30, Feb. 7, Mar. 1 - 3, 29, Apr. 27, 29, May 5, 9, 31, July 4, 16 - 19, 21, 25, 28 to Aug. 2, 14, Sept. 1, 25, which are poor. Flow regulated by Savannah River Site operations.

WATER YEAR 1992: Records fair except for estimated daily discharges, Oct. 14 - 21, 25, 28, Nov. 25 to Dec. 2, Jan. 13, 14, 23, Feb. 17, 23, 25, Mar 6, Apr. 11, 21, June 3, 8, 12, 14, 16, 27, 29, July 2, 17, 18, 22, 23, 31, Aug. 5, 12 - 14, 19, Sept. 6, 10, 23, 24, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	1.0	1.6	3.1	1.4	1.3	1.7	.77	35	1.4
2	---	---	---	1.1	1.5	5.1	1.3	1.0	1.4	.78	13	1.2
3	---	---	---	.91	1.4	19	1.3	.93	1.2	1.1	3.5	1.1
4	---	---	---	.84	1.3	3.2	1.3	1.1	1.0	18	2.3	1.1
5	---	---	---	.70	1.3	1.9	3.2	1.7	.93	1.5	1.9	1.1
6	---	---	---	.68	1.3	1.8	1.6	2.1	.82	.85	1.8	1.1
7	---	---	---	.66	5.1	1.6	1.4	1.2	.82	.72	1.8	1.5
8	---	---	---	.78	2.7	1.5	1.8	.99	.77	.64	1.8	1.3
9	---	---	---	.76	1.8	1.5	1.5	3.3	.73	.54	2.2	1.2
10	---	---	---	.74	1.3	1.5	1.3	2.2	.66	.51	1.6	1.2
11	---	---	---	3.3	1.2	1.4	1.3	1.7	.62	.52	1.5	1.2
12	---	---	1.9	1.5	1.1	1.3	1.3	1.5	.59	.60	2.3	1.2
13	---	---	1.8	1.1	1.1	2.9	1.3	1.5	.56	.51	1.5	1.2
14	---	---	1.8	1.0	1.1	1.7	1.3	1.5	.66	.44	3.5	1.2
15	---	---	1.7	1.2	1.1	1.5	1.3	1.2	1.3	.72	1.8	1.3
16	---	---	1.7	1.7	1.3	1.5	1.2	1.0	.80	1.4	1.4	1.3
17	---	---	1.6	1.1	1.3	1.4	1.2	1.0	.51	2.6	1.4	1.3
18	---	---	1.6	1.0	1.2	1.4	1.2	1.7	.54	12	1.4	1.3
19	---	---	1.8	3.0	1.3	1.3	1.4	1.4	.50	7.3	1.3	1.3
20	---	---	4.7	2.9	1.5	1.2	1.4	1.4	.78	1.9	1.3	1.4
21	---	---	1.3	1.2	1.4	1.2	1.7	1.3	.77	2.1	1.3	1.5
22	---	---	1.1	1.1	1.4	1.2	1.3	1.2	.56	1.5	1.3	1.5
23	---	---	1.0	1.0	2.4	1.2	1.3	1.1	.57	1.2	1.3	1.4
24	---	---	1.0	4.7	2.0	1.2	1.2	1.1	.70	1.1	1.3	1.5
25	---	---	.93	1.9	1.8	1.2	1.2	1.1	.65	2.8	2.9	9.2
26	---	---	.86	1.4	1.7	1.2	1.2	1.2	.72	1.3	1.6	1.3
27	---	---	.87	1.3	1.8	1.1	10	1.3	1.4	1.8	1.3	1.0
28	---	---	.90	1.4	1.8	1.1	1.9	1.1	1.6	3.0	1.3	.95
29	---	---	.88	2.6	---	7.1	3.1	.95	.92	7.1	1.3	.90
30	---	---	.85	19	---	2.2	2.7	1.2	.77	18	1.3	.88
31	---	---	.85	3.1	---	1.5	---	2.3	---	3.5	1.1	---
TOTAL	---	---	---	64.67	45.8	76.0	54.6	43.57	25.55	96.80	98.3	45.03
MEAN	---	---	---	2.09	1.64	2.45	1.82	1.41	.85	3.12	3.17	1.50
MAX	---	---	---	19	5.1	19	10	3.3	1.7	18	35	9.2
MIN	---	---	---	.66	1.1	1.1	1.2	.93	.50	.44	1.1	.88

SAVANNAH RIVER BASIN

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021973008 MCQUEEN BRANCH AT ROAD F AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.88	.99	1.3	.92	.88	.88	.92	.77	.61	.96	1.3	.79
2	.91	.92	1.0	.92	.88	.88	.92	.69	.59	2.8	1.2	.82
3	.92	.92	2.4	1.5	.88	.88	.92	.66	1.9	1.0	1.2	.84
4	.88	.92	1.1	1.0	.88	.88	.92	.64	1.8	.88	1.2	1.2
5	.88	.92	.96	.89	.88	.88	.87	.65	.65	.82	1.1	2.2
6	.88	.92	.94	.86	1.1	1.9	.84	1.3	.63	.73	1.4	3.0
7	.88	.93	.88	.86	.97	1.1	.97	.92	.61	.62	1.2	1.2
8	.88	.92	.88	.80	.89	.93	.94	1.2	2.8	.52	1.1	1.0
9	.84	4.1	.88	.84	.88	1.0	.88	.81	1.5	.50	1.1	.94
10	.80	1.9	.86	.80	.88	.96	.88	.76	.84	.49	1.1	1.4
11	.80	1.0	.84	.80	.88	.92	1.5	.74	1.8	.72	1.0	1.2
12	.80	.94	.84	.80	.89	1.0	1.1	.72	3.5	.50	1.1	.99
13	.80	.92	.84	4.3	.88	1.0	.99	.77	.94	.47	12	.94
14	.80	.92	.86	2.4	.88	1.0	.88	.73	1.6	.44	2.6	.92
15	.88	.92	.85	1.2	1.4	1.0	.88	.70	1.2	.44	3.1	.92
16	.92	.92	.84	.99	1.1	1.2	.88	.66	1.2	.50	1.7	.92
17	.92	.92	.83	.88	2.1	.97	.88	.65	.90	1.0	1.8	.90
18	.88	.92	.80	.99	1.1	.97	.88	.61	.85	4.3	1.7	.90
19	.88	.93	.82	4.1	1.0	2.9	.88	.84	.76	1.1	10	.92
20	.88	.93	.80	1.6	.88	1.8	2.4	.58	.74	.86	1.7	.85
21	.94	1.1	.86	1.1	.89	1.4	7.6	.58	.72	1.0	.97	.86
22	.96	1.1	.88	1.0	.88	.96	1.7	.58	.70	1.5	1.0	.89
23	.96	1.1	.95	2.8	5.3	1.0	1.1	.58	.68	5.8	.90	1.6
24	.96	1.1	1.1	1.2	1.2	.95	1.0	.57	.68	2.5	.86	1.6
25	1.6	1.2	.88	1.2	2.1	3.1	.95	1.1	.66	1.6	.84	.81
26	1.1	1.1	.88	1.1	1.6	1.9	.96	1.3	.65	1.3	.84	.77
27	.94	1.2	.88	1.2	1.0	.94	.96	1.0	1.1	1.3	.94	.84
28	.95	1.0	6.8	1.1	1.0	.92	1.0	.67	.82	1.3	.93	.80
29	.93	1.1	1.6	1.0	.88	.94	.82	.64	1.5	1.2	.87	.74
30	.92	1.2	1.0	1.1	---	1.2	.80	.93	.97	1.1	.80	.72
31	.92	---	.96	.98	---	.96	---	.80	---	1.4	.79	---
TOTAL	28.49	33.96	36.31	41.23	35.08	37.32	37.22	24.15	33.90	39.65	58.34	32.48
MEAN	.92	1.13	1.17	1.33	1.21	1.20	1.24	.78	1.13	1.28	1.88	1.08
MAX	1.6	4.1	6.8	4.3	5.3	3.1	7.6	1.3	3.5	5.8	12	3.0
MIN	.80	.92	.80	.80	.88	.88	.80	.57	.59	.44	.79	.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1992, BY WATER YEAR (WY)

	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
MEAN	.92	1.13	1.17	1.71	1.42	1.83	1.53	1.09	.99	2.20	2.53	1.29
MAX	.92	1.13	1.17	2.09	1.64	2.45	1.82	1.41	1.13	3.12	3.17	1.50
(WY)	1992	1992	1992	1991	1991	1991	1991	1991	1992	1991	1991	1991
MIN	.92	1.13	1.17	1.33	1.21	1.20	1.24	.78	.85	1.28	1.88	1.08
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1991	1992	1992	1992

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1991 - 1992

ANNUAL TOTAL	649.08	438.13	
ANNUAL MEAN	1.78	1.20	1.20
HIGHEST ANNUAL MEAN			1.20
LOWEST ANNUAL MEAN			1.20
HIGHEST DAILY MEAN	35	Aug 13	35
LOWEST DAILY MEAN	.44	Jul 14	.44
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		6.06	6.06
10 PERCENT EXCEEDS	2.6	1.7	2.2
50 PERCENT EXCEEDS	1.2	.92	1.1
90 PERCENT EXCEEDS	.80	.72	.73

SAVANNAH RIVER BASIN

021973012 CROUCH BRANCH NEAR H-AREA SAVANNAH 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 September 1992.

GAGE.--Data collection platform. Elevation of gage is 230 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 25, Nov. 3, 9, 10, Dec. 3, 28, Jan. 13, 14, 18, 19, 23, Feb. 17, 23, 25, 26, Mar. 6, 19, 25, 26, Apr. 1 - 5, 11, 20, 21, May 25, 26, June 2 - 4, 7 - 9, 11, 12, 14, 16, 27, 29, July 2, 17, 18, 22, 23, 31, Aug. 1 - 5, 12 - 15, 19, 20, Sept. 5, 6, 23, 24. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.16	.16	.03	.07	.09	.03	.03	.03	.01	.25	.04	.01
2	.16	.15	.03	.06	.09	.03	.02	.03	.01	1.5	.01	.01
3	.14	.13	.30	.20	.03	.03	.02	.02	1.3	.24	.01	.01
4	.11	.10	.14	.07	.03	.03	.02	.01	.50	.05	.01	.01
5	.13	.04	.13	.06	.03	.02	.01	.01	.02	.03	.30	.20
6	.11	.03	.11	.06	.03	.70	.01	.07	.01	.03	.02	.50
7	.11	.03	.11	.06	.03	.08	.01	.03	.01	.03	.01	.01
8	.04	.03	.09	.05	.03	.04	.01	.14	2.3	.02	.01	.01
9	.04	.70	.09	.05	.03	.03	.01	.02	.40	.02	.01	.01
10	.04	.40	.09	.04	.03	.03	.01	.01	.06	.02	.01	.01
11	.05	.08	.09	.03	.03	.03	.40	.01	.40	.02	.01	.01
12	.07	.06	.09	.03	.03	.03	.10	.01	3.0	.02	.07	.01
13	.06	.06	.09	2.8	.03	.03	.02	.01	.12	.02	3.0	.01
14	.06	.06	.09	.90	.03	.03	.01	.01	.60	.02	.90	.01
15	.04	.06	.09	.11	.05	.03	.01	.01	.24	.02	.30	.01
16	.04	.04	.09	.08	.06	.03	.01	.01	.40	.02	.03	.01
17	.04	.03	.09	.06	.90	.03	.01	.01	.11	.40	.01	.02
18	.04	.03	.09	.08	.14	.03	.01	.01	.03	2.8	.01	.01
19	.07	.03	.09	2.2	.08	.40	.01	.01	.06	.08	4.0	.01
20	.07	.03	.09	.12	.06	.08	.50	.01	.05	.04	.40	.01
21	.06	.03	.09	.07	.06	.03	5.0	.01	.03	.03	.04	.01
22	.02	.03	.09	.06	.06	.03	.22	.01	.03	.40	.03	.01
23	.02	.03	.10	1.3	3.2	.03	.08	.01	.03	3.5	.02	.60
24	.02	.03	.11	.15	.18	.03	.06	.01	.03	.06	.01	.40
25	.30	.03	.09	.13	1.1	.60	.05	.03	.03	.02	.01	.10
26	.18	.03	.09	.13	.40	.30	.04	.20	.03	.01	.01	.09
27	.16	.03	.09	.13	.09	.04	.04	.11	.40	.01	.02	.09
28	.16	.03	3.0	.13	.09	.03	.03	.01	.03	.01	.01	.09
29	.16	.03	.30	.13	.04	.03	.03	.09	.30	.01	.01	.09
30	.16	.03	.11	.13	---	.06	.03	.25	.10	.01	.01	.09
31	.16	---	.09	.12	---	.03	---	.01	---	.20	.01	---
TOTAL	2.98	2.55	6.18	9.61	7.05	2.95	6.81	1.21	10.64	9.89	9.34	2.46
MEAN	.096	.085	.20	.31	.24	.095	.23	.039	.35	.32	.30	.082
MAX	.30	.70	3.0	2.8	3.2	.70	5.0	.25	3.0	3.5	4.0	.60
MIN	.02	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01

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

	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
MEAN	.096	.085	.20	.31	.24	.095	.23	.039	.35	.32	.30	.082
MAX	.096	.085	.20	.31	.24	.095	.23	.039	.35	.32	.30	.082
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
MIN	.096	.085	.20	.31	.24	.095	.23	.039	.35	.32	.30	.082
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS

FOR 1992 WATER YEAR

ANNUAL TOTAL	71.67
ANNUAL MEAN	.20
HIGHEST DAILY MEAN	5.0 Apr 21
LOWEST DAILY MEAN	.01 Apr 5
INSTANTANEOUS PEAK FLOW	Unknown Apr 21
INSTANTANEOUS PEAK STAGE	5.14 Apr 21
10 PERCENT EXCEEDS	.40
50 PERCENT EXCEEDS	.04
90 PERCENT EXCEEDS	.01

SAVANNAH RIVER BASIN
021973026 A-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°20'42'', long 81°44'02'', Aiken County, Hydrologic Unit 03060106, 40 ft southeast of Road 1-A, 100 ft southeast of the southeast corner of the Savannah River Site Laboratory (Area-A), at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Dec. 3, 28, Jan. 13, 20, 31, Feb. 23, 25, Mar. 6, Apr. 11, 21, June 3, 8, July 2, 17, 23, Aug. 5, 12, 13, Sept. 6, 10, 24, 27, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.32	.07	.22	.40	.21	.16	.31	.27	.22	.62	.37	.32
2	.58	.10	.13	.38	.29	.16	.29	.16	.21	1.0	.38	.48
3	.28	.09	.37	.53	.29	.16	.39	.14	.47	.50	.26	.45
4	.27	.08	.22	.24	.22	.16	.34	.24	.18	.37	.40	.54
5	.38	.15	.13	.37	.21	.17	.35	.27	.20	.39	.78	.80
6	.27	.14	.14	.27	.25	1.0	.36	.56	.16	.51	.76	.78
7	.24	.15	.31	.21	.16	.53	.45	.52	.10	.38	.58	.23
8	.18	.12	.19	.23	.17	.56	.29	.47	1.8	.59	.61	.42
9	.22	1.3	.18	.27	.23	.32	.27	.21	.62	.67	.49	.37
10	.17	.32	.19	.22	.21	.27	.24	.21	.61	.58	.37	.37
11	.27	.22	.18	.34	.22	.30	.37	.17	1.0	.58	.44	.24
12	.37	.14	.16	.32	.25	.34	.23	.29	.80	.67	.78	.16
13	.38	.16	.27	1.2	.28	.45	.28	.31	.16	.50	1.4	.18
14	.19	.16	.36	.33	.24	.47	.28	.27	.55	.51	1.1	.17
15	.15	.16	.18	.20	.54	.47	.23	.29	.34	.39	.49	.19
16	.08	.18	.23	.18	.17	.48	.19	.32	.25	.34	.41	.23
17	.11	.16	.20	.16	.62	.47	.20	.26	.16	.78	.35	.20
18	.15	.25	.25	.47	.27	.47	.21	.30	.16	.67	.33	.28
19	.15	.19	.29	.79	.22	.61	.21	.39	.25	.72	.85	.40
20	.14	.11	.26	.25	.33	.49	.31	.33	.28	.48	.79	.28
21	.08	.11	.28	.28	.17	.37	.47	.30	.27	.53	.47	.24
22	.14	.14	.31	.36	.17	.28	.25	.19	.15	.63	.52	.18
23	.41	.11	.63	1.0	.78	.51	.20	.17	.13	1.2	.38	.29
24	.23	.12	.27	.25	.23	.47	.21	.22	.13	.45	.29	.78
25	.15	.07	.37	.30	.78	.94	.16	.24	.13	.46	.34	.20
26	.08	.07	.51	.32	.31	.52	.16	.25	.16	.41	.32	.30
27	.22	.12	.35	.48	.22	.51	.16	.20	.34	.45	.34	.78
28	.07	.15	1.4	.76	.20	.58	.16	.22	.37	.63	.29	.20
29	.08	.14	.34	.37	.24	.58	.20	.27	.46	.67	.18	.23
30	.26	.11	.31	.44	---	.52	.29	.20	.54	.97	.28	.17
31	.14	---	.30	.22	---	.28	---	.24	---	.49	.55	---
TOTAL	6.76	5.39	9.53	12.14	8.48	13.60	8.06	8.48	11.20	18.14	15.90	10.46
MEAN	.22	.18	.31	.39	.29	.44	.27	.27	.37	.59	.61	.35
MAX	.58	1.3	1.4	1.2	.78	1.0	.47	.56	1.8	1.2	1.4	.80
MIN	.07	.07	.13	.16	.16	.16	.16	.14	.10	.34	.18	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	.17	.14	.19	.23	.26	.27	.21	.21	.26
MAX	.31	.26	.49	.45	.42	.44	.33	.45	.59
(WY)	1991	1990	1990	1990	1990	1992	1990	1990	1992
MIN	.056	.074	.071	.088	.087	.19	.16	.14	.093
(WY)	1988	1988	1989	1989	1989	1984	1988	1991	1987

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1984 - 1992
ANNUAL TOTAL	88.71	128.14	
ANNUAL MEAN	.24	.35	.22
HIGHEST ANNUAL MEAN			.35
LOWEST ANNUAL MEAN			.14
HIGHEST DAILY MEAN	1.8 Mar 3	1.8 Jun 8	2.4 Oct 12 1990
LOWEST DAILY MEAN	.03 Jan 4	.07 *Oct 28	.02 Dec 15 1985
INSTANTANEOUS PEAK FLOW		Unknown Jun 8	Unknown Jul 25 1990
INSTANTANEOUS PEAK STAGE		1.59 Jun 8	1.86 Jul 25 1990
10 PERCENT EXCEEDS	.47	.62	.44
50 PERCENT EXCEEDS	.16	.28	.15
90 PERCENT EXCEEDS	.07	.15	.07

* Also occurred on Nov. 1, 25, 26.

SAVANNAH RIVER BASIN

021973028 A-011 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°20'10'', long 81°43'53'', Aiken County, Hydrologic Unit 03060106, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Rd 1-A, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Jan. 3, Feb. 21 - 25, Apr. 21, June 8, July 7 - 13, 17, Aug. 5, Sept. 6, 24, 27, which are poor, and those above 7.8 ft³/s, which are undefined. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.12	.05	.08	.07	.08	.07	.07	.02	.09	.40	.15	.15
2	.21	.05	.08	.10	.14	.10	.07	.02	.08	.72	.15	.47
3	.11	.05	.68	.34	.10	.08	.06	.05	.67	.21	.11	.15
4	.11	.03	.47	.09	.08	.09	.05	.03	.23	.12	.09	.15
5	.18	.02	.11	.09	.10	.09	.04	.03	.08	.12	.24	.69
6	.13	.02	.11	.06	.24	1.3	.04	.24	.08	.24	.17	.65
7	.13	.02	.11	.04	.10	.24	.16	.06	.38	.13	.15	.17
8	.07	.02	.17	.32	.08	.22	.04	.09	.86	.11	.15	.15
9	.06	.88	.09	.11	.08	.17	.04	.04	.49	.09	.11	.15
10	.08	.13	.08	.11	.08	.17	.04	.04	.19	.07	.11	.48
11	.08	.03	.08	.11	.08	.11	.38	.04	.48	.10	.11	.16
12	.08	.03	.08	.14	.08	.22	.04	.05	.69	.11	.36	.15
13	.12	.05	.08	1.4	.08	.15	.04	.59	.35	.14	1.5	.15
14	.11	.05	.13	.26	.08	.15	.10	.05	.72	.15	.73	.15
15	.18	.05	.08	.09	.43	.15	.04	.05	.19	.15	.18	.15
16	.11	.05	.08	.07	.15	.14	.03	.05	.19	.15	.15	.15
17	.11	.06	.08	.07	.66	.13	.03	.05	.21	.34	.15	.15
18	.11	.08	.08	.89	.16	.13	.03	.05	.17	.25	.15	.11
19	.11	.08	.08	.93	.13	.36	.03	.17	.16	.15	.56	.09
20	.11	.08	.08	.11	.08	.12	.11	.13	.15	.15	.21	.10
21	.11	.09	.08	.10	.08	.09	.24	.13	.17	.15	.17	.11
22	.11	.11	.08	.08	.07	.08	.04	.13	.17	.15	.22	.11
23	.11	.09	.35	.85	.08	.19	.01	.13	.17	.39	.15	.12
24	.11	.09	.10	.13	.06	.08	.01	.15	.13	.19	.15	.95
25	.12	.08	.07	.11	.46	.53	.01	.11	.11	.19	.15	.15
26	.15	.08	.09	.11	.18	.13	.02	.11	.11	.19	.15	.18
27	.13	.08	.08	.09	.15	.07	.01	.12	.11	.19	.19	.41
28	.13	.08	1.3	.08	.07	.07	>.00	.11	.12	.18	.15	.18
29	.13	.08	.19	.08	.07	.07	>.00	.19	.12	.15	.15	.15
30	.09	.08	.09	.13	---	.18	.02	.11	.15	.16	.15	.15
31	.05	---	.07	.09	---	.07	---	.09	---	.18	.15	---
TOTAL	3.56	2.69	5.33	7.25	4.23	5.75	1.80	3.23	7.82	6.02	7.31	7.08
MEAN	.11	.090	.17	.23	.15	.18	.060	.10	.26	.19	.24	.24
MAX	.21	.88	1.3	1.4	.66	1.3	.38	.59	.86	.72	1.5	.95
MIN	.05	.02	.07	.04	.06	.07	>.00	.02	.08	.07	.09	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	.15	.11	.12	.18	.17	.17	.12	.11	.16
MAX	.45	.21	.20	.38	.32	.30	.21	.18	.27
(WY)	1991	1986	1987	1987	1987	1991	1987	1988	1989
MIN	.053	.026	.048	.062	.099	.021	.059	.070	.060
(WY)	1985	1985	1985	1986	1990	1985	1990	1985	1990

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1984 - 1992
ANNUAL TOTAL	72.25	62.07	
ANNUAL MEAN	.20	.17	.15
HIGHEST ANNUAL MEAN			.22
LOWEST ANNUAL MEAN			.082
HIGHEST DAILY MEAN	3.2 Aug 1	1.5 Aug 13	5.2 Aug 20
LOWEST DAILY MEAN	.02 Nov 5	>.00 *Apr 28	.00 Jul 27
ANNUAL SEVEN-DAY MINIMUM	.03 Nov 2	.01 Apr 23	.00 Sep 20
INSTANTANEOUS PEAK FLOW		Unknown Jul 17	Unknown Jul 25
INSTANTANEOUS PEAK STAGE		1.49 Jul 17	2.55 Jul 25
10 PERCENT EXCEEDS	.40	.35	.34
50 PERCENT EXCEEDS	.10	.11	.06
90 PERCENT EXCEEDS	.06	.05	.03

> Actual value is greater than zero but less than .01.

* Also occurred on Apr. 29.

SAVANNAH RIVER BASIN

02197309 TIMS BRANCH AT ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'12'', long 81°41'45'', Aiken County, Hydrologic Unit 03060106, on left upstream end of metal culvert, 30 ft northeast of SRS Road C and 300 ft northwest of Upper Three Runs Creek, at Savannah River Site.

DRAINAGE AREA.--17.5 mi².

PERIOD OF RECORD.--March 1974 to September 1982, October 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations 5 mi upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	4.7	5.3	6.7	5.8	6.7	6.2	5.4	4.2	4.9	2.9	3.5
2	5.1	4.8	5.0	6.3	5.2	6.5	6.4	5.3	4.2	12	2.9	3.5
3	5.4	4.7	6.9	8.6	5.3	6.5	6.4	5.1	6.3	8.9	2.9	5.1
4	5.0	4.7	9.2	7.2	5.3	6.5	6.5	5.0	11	7.1	2.8	4.0
5	5.8	4.7	6.2	6.4	5.4	6.2	6.4	4.8	6.5	5.5	3.1	9.3
6	5.1	5.4	5.6	6.1	6.6	14	6.4	5.4	5.6	5.6	7.4	10
7	4.6	5.2	5.3	5.6	6.3	16	7.5	5.9	4.8	5.4	4.2	11
8	4.5	5.2	5.4	5.4	5.7	10	8.3	6.2	11	4.6	3.6	7.1
9	4.5	7.3	5.4	5.7	5.3	8.5	7.9	5.8	34	4.2	3.2	6.2
10	6.5	13	5.2	5.1	5.2	8.1	7.5	5.1	12	4.0	2.8	7.7
11	5.6	7.5	5.0	5.8	5.2	7.8	8.7	4.8	9.1	3.9	2.7	10
12	5.0	6.3	8.8	6.0	5.2	7.5	9.8	4.8	15	3.7	3.0	6.2
13	4.5	5.9	7.1	14	5.1	7.4	7.9	5.2	11	3.6	35	5.0
14	4.3	8.8	6.2	20	5.2	7.1	7.4	5.2	11	3.4	20	4.5
15	4.7	6.8	5.0	9.5	6.2	6.9	7.4	4.8	8.6	3.2	11	4.3
16	5.0	4.8	4.8	7.8	7.6	6.9	6.9	4.7	7.4	3.1	8.1	4.2
17	4.6	4.7	4.8	7.0	9.3	6.9	6.6	4.5	6.6	3.5	6.6	4.2
18	4.5	4.6	5.0	7.5	10	6.9	6.6	4.2	5.8	7.2	5.8	4.1
19	4.3	4.7	5.2	16	7.4	9.6	6.5	4.1	5.3	5.4	8.3	4.0
20	4.3	4.9	5.2	11	6.4	8.6	7.4	4.5	5.1	4.3	17	3.9
21	4.3	5.1	5.1	8.7	5.7	7.7	10	4.0	4.7	4.0	8.1	3.8
22	4.4	5.3	5.3	7.4	5.6	7.1	12	3.8	4.5	3.8	7.1	3.9
23	4.4	5.1	5.6	13	17	7.8	7.5	3.7	4.5	4.1	6.4	3.9
24	4.4	4.9	8.0	9.0	13	7.1	7.2	3.6	4.5	4.5	5.7	6.2
25	5.1	4.7	6.1	7.4	12	7.6	6.7	3.6	4.2	3.7	4.9	9.5
26	6.2	4.7	5.7	6.8	18	11	5.8	4.5	4.0	3.3	4.8	6.4
27	5.1	4.8	5.9	6.3	12	7.5	5.5	4.3	6.6	3.0	4.5	6.0
28	4.9	4.8	13	6.2	8.6	6.7	5.5	4.3	7.6	2.9	4.3	8.8
29	4.7	5.0	23	6.3	7.2	6.4	5.9	4.9	5.2	2.9	4.1	5.4
30	4.7	5.3	10	6.5	---	6.7	6.5	5.6	4.8	2.9	3.9	4.9
31	4.6	---	7.8	6.4	---	7.1	---	4.8	---	2.9	3.5	---
TOTAL	150.6	168.4	212.1	251.7	222.8	247.3	217.3	147.9	235.1	141.5	210.6	176.6
MEAN	4.86	5.61	6.84	8.12	7.68	7.98	7.24	4.77	7.84	4.56	6.79	5.89
MAX	6.5	13	23	20	18	16	12	6.2	34	12	35	11
MIN	4.3	4.6	4.8	5.1	5.1	6.2	5.5	3.6	4.0	2.9	2.7	3.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	MEAN	5.48	5.38	6.04	6.93	6.90	7.61	5.86	5.35	4.85	4.30	5.26	4.73
MAX	19.5	8.22	8.28	11.9	10.5	14.5	8.57	10.4	7.84	8.10	11.5	8.91	
(WY)	1991	1986	1982	1978	1975	1980	1980	1976	1992	1975	1991	1975	
MIN	2.13	2.84	4.14	4.29	4.95	4.14	3.62	2.60	2.88	2.35	2.32	2.48	
(WY)	1982	1982	1980	1977	1982	1982	1981	1981	1990	1980	1980	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1974 - 1992

ANNUAL TOTAL	2597.5	2381.9	
ANNUAL MEAN	7.12	6.51	5.73
HIGHEST ANNUAL MEAN			8.20
LOWEST ANNUAL MEAN			4.30
HIGHEST DAILY MEAN	56	Aug 2	92
LOWEST DAILY MEAN	4.2	Jun 12	1.0
INSTANTANEOUS PEAK FLOW			129
INSTANTANEOUS PEAK STAGE			5.69
10 PERCENT EXCEEDS	11		8.7
50 PERCENT EXCEEDS	5.6		4.8
90 PERCENT EXCEEDS	4.5		2.9

SAVANNAH RIVER BASIN

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRS Road C, 2.0 mi east of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--176 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	201	211	228	217	222	221	186	175	190	158	176
2	202	206	212	219	210	216	208	182	171	289	153	173
3	217	206	230	240	208	212	201	179	193	298	151	175
4	210	207	307	258	206	210	200	177	354	228	151	174
5	218	205	280	230	207	210	199	173	345	191	154	239
6	228	203	224	218	232	258	198	178	205	176	200	320
7	208	203	212	211	231	388	207	213	178	174	177	310
8	200	203	210	206	215	335	232	220	217	168	165	238
9	197	226	212	208	212	242	216	222	572	162	161	205
10	200	374	212	211	206	224	204	194	530	157	154	200
11	200	399	208	208	203	228	220	179	271	153	149	206
12	197	268	209	204	203	217	332	174	357	148	148	214
13	193	227	208	295	201	211	260	174	552	152	525	194
14	190	220	211	525	203	207	208	181	411	150	734	183
15	194	214	215	428	213	205	198	176	367	145	523	180
16	213	210	206	263	262	202	196	174	282	144	318	179
17	206	210	203	227	266	201	194	171	291	156	228	179
18	198	210	203	223	343	201	189	169	260	225	217	178
19	196	210	200	316	297	244	188	166	205	318	243	178
20	194	211	197	368	251	274	229	171	194	329	745	178
21	194	214	197	294	216	228	309	169	179	204	788	178
22	198	223	199	243	209	211	550	165	173	207	406	179
23	198	223	202	300	351	220	413	162	169	223	294	192
24	198	216	243	365	491	224	235	161	166	282	267	281
25	207	210	247	280	346	218	207	159	163	211	222	361
26	221	208	214	234	351	337	195	167	159	174	207	316
27	207	208	212	224	368	325	190	171	181	165	202	239
28	205	207	268	224	266	232	190	171	262	162	202	257
29	201	209	542	223	237	213	190	175	222	158	198	244
30	201	210	469	222	---	215	187	195	209	155	186	208
31	201	---	268	226	---	239	---	193	---	155	179	---
TOTAL	6292	6741	7431	8121	7421	7369	6966	5547	8013	6049	8605	6534
MEAN	203	225	240	262	256	238	232	179	267	195	278	218
MAX	228	399	542	525	491	388	550	222	572	329	788	361
MIN	190	201	197	204	201	201	187	159	159	144	148	173
CFSM	1.15	1.28	1.36	1.49	1.45	1.35	1.32	1.02	1.52	1.11	1.58	1.24
IN.	1.33	1.42	1.57	1.72	1.57	1.56	1.47	1.17	1.69	1.28	1.82	1.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	181	196	207	226	231	238	211	191	182	183	192	177							
MAX	394	254	272	301	302	328	283	321	267	304	401	237							
(WY)	1991	1980	1977	1978	1985	1980	1984	1984	1992	1991	1991	1991							
MIN	134	145	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 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1974 - 1992

	1991	1992	1974-1992
ANNUAL TOTAL	92355	85089	
ANNUAL MEAN	253	232	201
HIGHEST ANNUAL MEAN			263
LOWEST ANNUAL MEAN			154
HIGHEST DAILY MEAN	1470	788	1740
LOWEST DAILY MEAN	156	144	85
ANNUAL SEVEN-DAY MINIMUM	164	150	86
INSTANTANEOUS PEAK FLOW		1010	2040
INSTANTANEOUS PEAK STAGE		6.47	7.87
ANNUAL RUNOFF (CFSM)	1.44	1.32	1.14
ANNUAL RUNOFF (INCHES)	19.52	17.98	15.52
10 PERCENT EXCEEDS	406	326	285
50 PERCENT EXCEEDS	209	208	182
90 PERCENT EXCEEDS	174	169	132

* 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 National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Mar. 28 - 31, Apr. 1 - 6, 20, 21, June 10 - 12, 28 - 30, July 1, 2, 11 - 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	226	231	232	280	263	248	250	223	184	216	161	181
2	226	234	234	262	253	238	245	218	173	301	155	176
3	242	236	245	271	247	236	241	211	189	356	154	178
4	241	237	307	299	244	235	245	209	390	293	152	180
5	238	236	322	285	244	234	230	200	372	237	149	223
6	257	234	261	262	261	239	231	202	259	210	203	314
7	241	235	239	253	274	301	242	245	196	203	196	343
8	225	235	234	246	254	379	270	264	198	196	169	290
9	222	247	232	246	246	294	263	266	457	186	160	229
10	223	336	231	251	241	255	244	237	505	175	149	215
11	225	409	228	251	237	256	248	210	400	167	142	246
12	222	347	225	246	237	249	333	197	370	158	139	244
13	216	272	225	301	235	240	335	196	467	153	412	217
14	212	253	226	476	234	236	256	205	474	152	849	196
15	219	246	231	494	238	232	239	200	373	150	552	186
16	235	242	224	374	277	230	235	194	376	151	403	183
17	238	240	219	293	295	226	233	189	316	151	283	181
18	225	238	217	279	346	227	230	184	320	183	243	180
19	220	237	214	334	352	259	229	177	247	350	241	181
20	220	238	212	402	293	314	250	180	226	361	512	181
21	220	239	212	378	254	277	374	182	208	236	741	181
22	224	248	216	308	235	248	470	173	194	225	473	181
23	226	251	221	319	315	251	482	168	187	239	329	186
24	228	245	233	390	454	264	328	165	184	271	296	254
25	228	236	235	371	420	254	257	163	178	269	255	333
26	259	233	237	291	367	337	239	168	173	200	225	360
27	240	231	239	274	379	377	233	179	180	181	217	272
28	235	230	273	273	324	298	231	178	267	173	215	259
29	230	230	464	271	268	270	229	182	260	165	213	273
30	226	231	508	271	---	255	228	207	259	156	196	229
31	228	---	370	270	---	253	---	215	---	156	187	---
TOTAL	7117	7557	7966	9521	8287	8212	8120	6187	8582	6620	8771	6852
MEAN	230	252	257	307	286	265	271	200	286	214	283	228
MAX	259	409	508	494	454	379	482	266	505	361	849	360
MIN	212	230	212	246	234	226	228	163	173	150	139	176
CFSM	1.13	1.24	1.27	1.51	1.41	1.30	1.33	.98	1.41	1.05	1.39	1.13
IN.	1.30	1.38	1.46	1.74	1.52	1.50	1.49	1.13	1.57	1.21	1.61	1.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	217	240	255	272	276	293	262	219	208	207	223	204							
MAX	416	328	377	343	355	453	406	368	318	305	419	287							
(WY)	1991	1980	1977	1977	1985	1980	1980	1984	1976	1991	1991	1975							
MIN	141	171	155	176	174	169	142	129	111	113	130	118							
(WY)	1989	1989	1989	1989	1989	1990	1990	1990	1990	1986	1988	1990							

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1974 - 1992

ANNUAL TOTAL	102188	93792	
ANNUAL MEAN	280	256	
HIGHEST ANNUAL MEAN			238
LOWEST ANNUAL MEAN			290
HIGHEST DAILY MEAN	1600	Aug 2	172
LOWEST DAILY MEAN	161	Jul 2	190
ANNUAL SEVEN-DAY MINIMUM	171	Jun 8	1990
INSTANTANEOUS PEAK FLOW			2000
INSTANTANEOUS PEAK STAGE			83
ANNUAL RUNOFF (CFSM)	1.38		84
ANNUAL RUNOFF (INCHES)	18.73		Unknown
10 PERCENT EXCEEDS	403	6.17	7.89
50 PERCENT EXCEEDS	239	1.26	1.17
90 PERCENT EXCEEDS	201	17.19	15.95
			355
			220
			143

* Also occurred on July 8, 11, 1990.

SAVANNAH RIVER BASIN

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01'', long 81°46'04'', Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

WATER-DISCHARGE RECORDS

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 National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. No estimated daily discharges. 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), by 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7360	7570	5570	9210	7140	8630	16700	6620	5590	8940	7380	7670
2	8240	8090	5770	8520	6930	8960	17500	5840	5570	9090	6790	8740
3	8900	7510	7410	8710	6620	9360	17900	6180	7610	9640	6250	8770
4	7840	6670	7460	7970	7140	9170	17900	6210	8450	9410	6590	8850
5	7240	8730	7700	8420	6320	8230	16600	6630	6340	7810	7510	8130
6	6860	9100	7250	7280	5770	7440	13500	6620	6250	7310	8940	8120
7	6530	9400	5700	9440	6270	11000	12900	6390	6140	7670	8610	7870
8	7110	8970	5810	10100	5970	16300	13900	6420	6330	8170	6990	8080
9	8930	6690	6170	9040	5740	17500	14000	5680	8800	8710	6390	7800
10	8240	8520	6260	7750	5680	15700	11900	5540	9660	8780	6490	7520
11	7880	7520	6020	8400	7270	11200	8880	5920	9190	7270	7990	7510
12	6180	8770	5770	8520	7930	9140	6400	5920	8040	6390	8600	7640
13	5750	7980	5590	6790	7880	8870	6230	6210	8780	7000	9030	7440
14	5890	7930	5540	9820	6620	7600	6700	6390	8440	7700	10800	7180
15	6360	7610	5800	10900	5830	8630	7360	6510	8640	8270	10700	8580
16	6410	7150	7200	10100	6830	8880	6980	6080	9090	7680	8940	8800
17	5920	6910	8520	8890	7420	11300	6140	5460	10800	7260	8450	6740
18	5350	6160	11100	8000	9430	14900	5750	6280	9960	6910	9090	7120
19	5030	7430	12200	7930	9810	16100	6100	5490	9020	6290	9270	8320
20	4960	6760	11600	8490	9490	16700	7120	5830	7760	6280	10900	6880
21	4970	6270	8950	9910	8580	16900	7330	6720	6930	6850	12200	6110
22	4610	6530	6350	9750	8800	15400	9090	6180	7660	7070	12000	8080
23	4910	6690	6360	9630	9260	13000	10000	5440	9730	7320	10200	8930
24	5780	6140	6630	9760	10200	13500	9820	5480	12000	6830	9210	8970
25	6050	6160	7070	8350	8680	16200	8680	5340	12600	6630	9880	7860
26	6580	8170	7470	8790	12200	17600	7900	5500	12800	6360	9800	6850
27	6140	9910	7820	7910	15200	18500	7020	5800	12200	6430	9530	6760
28	6220	9570	7660	8760	14800	18200	7370	5850	9900	6700	9420	6540
29	7290	6410	8730	8520	10400	16200	7280	5710	7870	7330	8880	7670
30	7560	5470	8910	8370	---	13900	7420	5790	8050	7380	7170	8680
31	8150	---	9310	8560	---	15100	---	5650	---	7300	6410	---
TOTAL	205240	226790	229700	272590	240210	400110	302370	185680	260200	232780	270410	234210
MEAN	6621	7560	7410	8793	8283	12910	10080	5990	8673	7509	8723	7807
MAX	8930	9910	12200	10900	15200	18500	17900	6720	12800	9640	12200	8970
MIN	4610	5470	5540	6790	5680	7440	5750	5340	5570	6280	6250	6110
CFSM	.85	.97	.95	1.13	1.06	1.65	1.29	.77	1.11	.96	1.12	1.00
IN.	.98	1.08	1.10	1.30	1.15	1.91	1.44	.89	1.24	1.11	1.29	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1992, 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 1992 WATER YEAR

WATER YEARS 1972 - 1992

ANNUAL TOTAL	3060290		
ANNUAL MEAN	8361		
LOWEST DAILY MEAN	4610	Oct 22	3220 Dec 9 1981
ANNUAL SEVEN-DAY MINIMUM	5090	Oct 18	3770 Dec 4 1981
INSTANTANEOUS PEAK FLOW	18800	Mar 27	Unknown Apr 11 1983
INSTANTANEOUS PEAK STAGE	16.26	Mar 27	21.57 Apr 11 1983

SAVANNAH RIVER BASIN
02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.5°C, Aug. 23, 1989; minimum, 4.5°C, Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.5°C, July 29; minimum, 8.0°C, Jan. 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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

SAVANNAH RIVER BASIN

02197321 X-004 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'37'', long 81°45'38'', Aiken County, Hydrologic Unit 03060106, on right downstream headwall of culvert, 100 ft southwest of TNX-Area, 800 ft upstream from mouth, 1500 ft west of SRS Road A-4.7 (River Road), at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 15, Dec. 28, Jan. 20, 23, Feb. 15 - 19, 23, Mar. 6, Apr. 20, 21, May 6, May 28 to June 5, 10, 19 - 22, 24, 25, 27, June 29 to July 10, 17 - 27, Aug. 7 - 17, 19 - 27, Sept. 6, 11. Records poor. Flow regulated by Savannah River Site Operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.05	.05	.02	.02	.02	.02	.06	.02	.01	.03	.04
2	.04	.05	.04	.02	.02	.02	.02	.05	.02	.01	.03	.04
3	.04	.05	.04	.02	.01	.03	.02	.05	.04	.01	.03	.04
4	.04	.06	.03	.02	.01	.03	.02	.04	.02	.01	.03	.04
5	.04	.06	.02	.02	.01	.03	.02	.03	.01	.01	.03	.05
6	.04	.05	.02	.02	.02	.04	.02	.04	.01	.03	.03	.06
7	.04	.05	.02	.02	.02	.03	.02	.04	.01	.03	.03	.05
8	.03	.04	.02	.02	.02	.03	.02	.04	.03	.04	.03	.05
9	.03	.06	.02	.02	.02	.03	.02	.04	.02	.04	.03	.05
10	.03	.04	.02	.02	.02	.03	.02	.04	.02	.04	.03	.05
11	.03	.04	.02	.02	.02	.03	.02	.04	.02	.04	.03	.07
12	.03	.04	.02	.02	.02	.03	.02	.04	.02	.04	.03	.06
13	.03	.04	.02	.04	.02	.03	.04	.03	.02	.04	.03	.06
14	.03	.04	.03	.02	.02	.03	.04	.03	.02	.04	.03	.06
15	.04	.04	.03	.02	.04	.03	.04	.03	.02	.04	.03	.06
16	.04	.04	.02	.02	.02	.03	.04	.03	.02	.05	.02	.06
17	.04	.04	.02	.02	.05	.03	.04	.03	.01	.05	.02	.06
18	.04	.04	.02	.02	.02	.03	.04	.02	.01	.05	.02	.03
19	.04	.04	.02	.02	.02	.03	.04	.02	.02	.05	.02	.01
20	.04	.04	.02	.02	.02	.03	.06	.02	.01	.05	.02	.01
21	.04	.04	.02	.02	.02	.03	.07	.02	.02	.05	.02	.02
22	.04	.04	.02	.02	.02	.03	.05	.02	.02	.05	.02	.02
23	.04	.02	.03	.03	.05	.03	.05	.02	.02	.10	.03	.03
24	.04	.04	.04	.02	.02	.03	.05	.02	.01	.06	.03	.03
25	.04	.05	.04	.02	.03	.04	.05	.02	.01	.05	.04	.03
26	.04	.05	.04	.02	.02	.03	.05	.02	.02	.05	.04	.03
27	.04	.05	.03	.02	.02	.02	.05	.02	.03	.03	.04	.04
28	.05	.05	.08	.02	.02	.02	.05	.02	.02	.03	.05	.03
29	.05	.05	.02	.02	.02	.02	.05	.02	.02	.02	.05	.03
30	.05	.05	.02	.02	---	.02	.06	.02	.02	.02	.05	.03
31	.05	---	.02	.02	---	.02	---	.02	---	.02	.04	---
TOTAL	1.21	1.35	0.86	0.65	0.64	0.88	1.11	0.94	0.56	1.16	0.96	1.24
MEAN	.039	.045	.028	.021	.022	.028	.037	.030	.019	.037	.031	.041
MAX	.05	.06	.08	.04	.05	.04	.07	.06	.04	.10	.05	.07
MIN	.03	.02	.02	.02	.01	.02	.02	.02	.01	.01	.02	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	.067	.066	.061	.061	.076	.079	.075	.082	.081	.073	.066
MAX	.13	.11	.11	.10	.18	.23	.16	.16	.19	.13	.10
(WY)	1988	1988	1989	1989	1988	1988	1988	1988	1988	1988	1988
MIN	.025	.010	.019	.015	.019	.021	.010	.015	.019	.037	.024
(WY)	1985	1985	1985	1985	1985	1984	1984	1984	1992	1992	1992

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	18.29	11.56	
ANNUAL MEAN	.050	.032	
HIGHEST ANNUAL MEAN			.074
LOWEST ANNUAL MEAN			.14
HIGHEST DAILY MEAN	.11 Jan 30	.10 Jul 23	.032 1988
LOWEST DAILY MEAN	.02 Nov 23	.01 *Feb 3	.40 1992
INSTANTANEOUS PEAK FLOW		Unknown Jul 23	<.01 ***Dec 23 1983
INSTANTANEOUS PEAK STAGE		1.47**Jul 23	Unknown Apr 6 1988
10 PERCENT EXCEEDS	.07	.05	1.73 Apr 6 1988
50 PERCENT EXCEEDS	.05	.03	
90 PERCENT EXCEEDS	.03	.02	

* Also occurred on Feb. 4, 5, June 5 - 7, 17, 18, 20, 24, 25, July 1 - 5, 19, 20.

** Also occurred on Aug. 12.

*** Also occurred on Nov. 20, 24, 1984.

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 National Geodetic Vertical Datum of 1929 (from topographic map). Prior to Nov. 9, 1990, at site 200 ft downstream at different datum.

REMARKS.--Estimated daily discharges, Dec. 28, Jan. 13, 14, 23, Feb. 17, 23, Mar. 6, Apr. 20 to May 8, June 3, 8, 19, 27, July 2, 3, 6 - 12, 18, 23, Aug. 12 - 14, 19, Sept. 1, 5, 10, 11. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	1.9	1.9	1.9	2.5	1.9	.50	1.8	1.6	1.8	1.9	2.7
2	2.2	1.9	1.9	1.9	2.3	1.9	.49	1.8	1.6	3.4	1.8	2.4
3	2.1	1.9	2.4	2.2	2.3	1.3	.47	1.8	3.2	2.5	1.8	2.3
4	2.2	1.9	1.9	2.0	2.2	.67	.47	1.8	2.3	1.8	1.8	5.5
5	2.2	1.9	1.9	1.9	2.1	.65	.47	1.8	1.8	1.8	1.8	2.9
6	2.1	1.9	1.9	1.9	2.4	2.2	.47	1.8	1.6	1.9	1.9	4.5
7	2.1	1.9	1.7	1.9	2.3	.90	.51	1.8	1.7	1.9	2.1	4.3
8	2.0	1.9	1.8	1.9	2.2	.66	.47	1.8	4.6	1.8	1.9	4.1
9	2.0	2.7	1.9	1.9	2.1	.65	.47	1.9	2.3	1.8	1.8	3.9
10	2.0	2.1	1.7	1.9	2.1	.71	.47	1.8	1.9	1.8	2.1	1.9
11	1.5	1.9	1.8	1.9	2.1	.65	.97	1.8	2.4	2.0	2.5	1.3
12	1.9	1.9	1.9	1.9	2.2	.65	.52	1.8	3.4	2.0	2.9	3.7
13	1.8	1.9	1.7	3.5	2.3	.65	.47	1.8	2.0	3.1	5.6	3.2
14	1.9	1.9	1.7	2.8	2.3	.58	.56	1.8	2.1	3.1	3.6	3.0
15	1.9	1.9	1.7	2.1	2.6	.56	.59	1.8	1.8	3.1	2.5	3.0
16	1.8	1.9	1.8	2.1	2.5	.55	.70	1.8	2.5	2.9	2.2	3.0
17	1.8	1.9	1.8	2.1	3.1	.52	.54	1.7	2.1	2.8	2.3	3.0
18	1.7	1.9	1.9	2.2	2.5	.52	.48	1.7	2.0	7.2	2.2	3.1
19	1.8	1.9	1.9	3.6	2.4	.67	.51	1.6	2.4	3.2	4.6	3.1
20	1.9	1.9	1.9	2.3	2.3	.53	1.2	1.7	1.1	2.7	3.7	.60
21	1.9	1.9	1.9	2.3	2.3	.51	1.0	1.6	1.0	2.3	3.3	.60
22	1.9	1.9	1.9	2.3	2.3	.51	.85	1.6	1.0	2.2	3.2	3.1
23	1.9	1.9	1.9	3.5	4.8	.53	.58	1.6	1.0	5.2	2.6	3.1
24	1.9	1.9	1.9	2.7	2.5	.51	.50	1.6	1.0	2.7	2.4	3.1
25	1.9	1.9	1.9	2.5	2.7	1.1	.50	1.7	.88	2.2	2.8	2.8
26	2.1	1.9	1.9	2.5	2.5	.84	.45	1.8	.88	1.9	2.4	2.8
27	1.9	1.9	1.9	2.5	2.1	.55	.19	1.7	.65	1.9	2.4	2.8
28	1.4	1.8	4.5	2.5	2.1	.51	.20	1.6	5.3	1.9	2.3	2.7
29	1.7	1.9	2.3	2.5	1.9	.51	.34	1.9	5.1	1.9	2.0	2.5
30	1.9	1.9	2.1	2.5	---	.58	.84	1.8	4.7	1.9	2.0	2.5
31	1.9	---	1.9	2.5	---	.53	---	1.6	---	1.9	2.1	---
TOTAL	59.5	57.9	61.2	72.2	70.0	24.10	16.78	54.1	65.91	78.6	78.5	87.50
MEAN	1.92	1.93	1.97	2.33	2.41	.78	.56	1.75	2.20	2.54	2.53	2.92
MAX	2.2	2.7	4.5	3.6	4.8	2.2	1.2	1.9	5.3	7.2	5.6	5.5
MIN	1.4	1.8	1.7	1.9	1.9	.51	.19	1.6	.65	1.8	1.8	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	MEAN	2.55	2.54	2.39	2.40	2.22	2.14	2.01	1.84	1.97	2.49	2.60	2.58
MAX	3.88	2.95	3.08	2.96	2.99	3.73	3.04	2.42	2.76	4.04	3.45	3.10	
(WY)	1990	1986	1985	1991	1991	1991	1991	1990	1988	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 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1984 - 1992
ANNUAL TOTAL	948.33	726.29	
ANNUAL MEAN	2.60	1.98	2.31
HIGHEST ANNUAL MEAN			2.73
LOWEST ANNUAL MEAN			1.98
HIGHEST DAILY MEAN	12 Mar 3	7.2 Jul 18	12 Mar 3 1991
LOWEST DAILY MEAN	.65 Jun 5	.19 Apr 27	.19 Apr 27 1992
INSTANTANEOUS PEAK FLOW		Unknown Jul 18	Unknown Oct 1 1989
INSTANTANEOUS PEAK STAGE		4.26 Jul 18	5.17 Oct 1 1989
10 PERCENT EXCEEDS	3.9	3.1	3.1
50 PERCENT EXCEEDS	2.4	1.9	2.4
90 PERCENT EXCEEDS	.96	.58	1.3

SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 21, 1990; minimum, 7.5°C, Dec. 24, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.5°C, July 8, 9; minimum, 8.0°C, Jan. 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE. SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.5	13.0	13.5	16.0	15.0	15.5	16.0	14.0	15.0	---	---	---
2	13.0	12.0	12.5	16.5	15.0	16.0	15.0	13.5	14.5	---	---	---
3	13.0	12.0	12.5	17.0	15.5	16.0	14.0	12.0	13.0	---	---	---
4	13.0	12.0	12.5	17.0	15.5	16.0	14.5	11.5	13.0	---	---	---
5	13.0	12.5	13.0	17.0	16.0	16.5	14.5	12.5	13.5	---	---	---
6	12.5	12.0	12.0	17.5	17.0	17.0	15.0	12.5	13.5	---	---	---
7	13.0	11.5	12.0	18.5	17.0	17.5	15.5	15.0	15.0	---	---	---
8	12.5	12.0	12.5	18.0	16.0	17.0	17.5	15.5	16.5	---	---	---
9	12.5	11.0	11.5	17.5	15.5	16.5	18.0	15.5	17.0	21.0	17.5	19.5
10	11.5	10.5	11.0	17.5	17.0	17.5	19.0	16.5	17.5	22.0	18.5	20.5
11	12.0	11.5	12.0	17.0	13.0	14.0	18.5	17.5	18.0	---	---	---
12	13.0	11.5	12.0	13.5	12.0	12.5	19.5	18.0	18.5	---	---	---
13	14.0	13.0	13.5	13.5	12.5	13.0	19.5	18.0	18.5	---	---	---
14	14.5	13.0	14.0	13.0	11.0	12.0	19.0	16.0	17.5	27.0	22.0	24.5
15	15.0	14.5	14.5	13.5	11.5	12.5	20.5	17.0	18.5	23.5	21.5	22.5
16	16.0	14.5	15.0	13.0	11.0	12.0	21.5	19.5	20.5	24.0	21.0	22.5
17	15.5	13.5	14.5	13.5	11.0	12.0	21.5	19.5	20.5	25.0	21.5	23.5
18	14.5	13.5	14.0	14.5	12.5	13.5	21.5	19.5	20.5	25.0	21.5	23.5
19	16.0	14.5	15.0	16.5	14.5	15.5	21.5	20.0	21.0	25.0	22.0	23.5
20	15.5	14.5	15.0	15.5	13.0	14.5	---	---	---	25.0	22.5	23.5
21	15.0	13.5	14.0	13.5	11.5	12.5	---	---	---	23.5	22.0	23.0
22	15.5	13.5	14.0	14.0	12.5	13.0	---	---	---	23.5	20.5	22.0
23	17.0	15.0	16.0	14.5	14.0	14.0	---	---	---	23.5	20.5	22.0
24	17.0	15.5	16.5	14.0	12.0	13.0	---	---	---	24.5	20.5	22.5
25	18.0	17.0	17.5	14.0	12.0	13.0	---	---	---	25.0	21.5	23.0
26	18.0	16.5	17.5	14.5	13.0	13.5	---	---	---	25.0	22.0	23.5
27	16.5	15.5	16.0	14.5	12.5	13.5	---	---	---	23.0	21.5	22.5
28	16.0	14.5	15.5	14.0	11.5	13.0	---	---	---	23.0	21.5	22.0
29	16.0	15.0	15.5	14.5	12.0	13.5	---	---	---	22.5	21.0	22.0
30	---	---	---	15.5	14.0	14.5	---	---	---	22.5	21.0	21.5
31	---	---	---	16.5	15.0	15.5	---	---	---	23.5	21.0	22.0
MONTH	18.0	10.5	14.0	18.5	11.0	14.5	21.5	11.5	17.0	27.0	17.5	22.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	22.0	20.5	21.5	26.5	24.0	25.0	26.5	25.5	26.5	27.0	23.0	26.0
2	23.5	20.0	22.0	24.5	23.0	24.0	27.0	26.0	26.5	26.5	25.5	26.0
3	24.0	22.0	22.5	25.0	23.0	24.0	27.0	26.0	26.5	26.5	25.0	26.0
4	25.0	22.5	23.5	25.5	22.5	24.0	27.5	26.0	26.5	27.0	25.0	26.0
5	25.0	22.0	23.5	26.0	23.5	25.0	27.5	26.0	26.5	25.5	23.0	24.5
6	24.5	22.5	23.5	26.5	24.0	25.5	26.5	25.0	26.0	24.5	23.5	24.0
7	26.5	23.5	25.0	28.0	25.0	26.5	25.5	24.5	25.0	25.0	24.0	24.5
8	26.5	24.5	25.5	28.5	26.0	27.0	26.5	24.5	25.5	25.0	24.0	24.5
9	25.0	24.0	24.5	28.5	25.5	27.0	26.5	25.0	26.0	25.5	24.0	25.0
10	26.0	23.5	25.0	27.0	24.0	26.0	27.5	25.0	26.0	26.0	24.5	25.0
11	25.0	23.0	24.0	27.5	25.0	26.5	26.0	25.0	25.5	26.0	24.5	25.0
12	23.0	21.0	22.0	27.5	25.5	26.5	26.0	24.0	25.5	25.5	24.5	25.0
13	22.5	21.0	21.5	28.0	26.0	27.0	26.0	24.0	25.0	24.5	23.0	24.0
14	22.0	20.5	21.5	27.5	25.5	27.0	24.5	23.0	24.0	24.0	22.5	23.5
15	23.5	21.0	22.5	27.5	26.0	26.5	23.5	22.5	23.0	24.0	22.0	23.0
16	25.0	22.5	23.5	26.5	25.5	26.0	24.0	22.5	23.0	24.5	23.0	23.5
17	25.5	23.5	24.0	26.0	25.0	25.5	24.0	23.5	24.0	24.5	23.0	24.0
18	25.5	23.0	24.5	26.5	24.0	25.5	25.0	23.0	24.0	25.0	24.0	24.5
19	28.0	24.5	26.5	25.0	23.5	24.5	26.0	24.0	24.5	26.0	24.5	25.5
20	28.0	25.0	26.5	27.0	25.0	26.0	25.0	23.5	24.0	---	---	---
21	27.5	25.5	26.5	27.0	25.0	26.0	24.0	23.5	23.5	---	---	---
22	27.0	24.0	26.0	27.0	26.0	26.5	24.5	23.5	24.0	25.5	24.5	24.5
23	26.0	22.5	24.5	26.5	25.5	26.0	25.0	24.0	24.5	25.0	23.0	24.5
24	26.0	25.0	25.5	26.0	25.0	25.5	25.0	24.0	24.5	23.0	21.0	21.5
25	26.0	25.0	25.5	27.0	25.5	26.0	25.5	24.0	24.5	21.5	20.0	20.5
26	26.0	24.5	25.0	27.0	25.5	26.0	26.0	24.0	25.0	20.0	19.5	19.5
27	25.5	24.5	25.0	27.0	26.0	26.5	26.0	24.5	25.5	22.0	19.5	20.5
28	26.0	24.0	25.0	27.5	26.0	27.0	25.5	24.0	25.0	22.5	21.5	22.0
29	26.5	24.5	25.5	28.0	26.5	27.5	25.0	23.5	24.5	22.5	21.5	22.0
30	26.0	24.0	25.0	27.5	26.5	27.0	25.5	23.5	24.5	21.5	20.5	21.0
31	---	---	---	27.0	26.0	26.5	26.0	24.5	25.0	---	---	---
MONTH	28.0	20.0	24.0	28.5	22.5	26.0	27.5	22.5	25.0	27.0	19.5	24.0
YEAR	28.5	8.0	19.0									

SAVANNAH RIVER BASIN

02197324 D-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'07'', long 81°44'34'', Barnwell County, Hydrologic Unit 03060106, at downstream end of pipe culvert, 60 ft southwest of D-Area, 1.1 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above National Geodetic Vertical datum of 1929, (from topographic map).

REMARKS.--Estimated daily discharges, Dec. 28, Jan. 13, 20, Feb. 22, Mar. 2, 3, May 28 to June 24, July 2, 3, 18, 23, Aug. 13, 19, Sept. 5. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.36	.16	.19	.19	.19	.11	.06	.04	.03	.04	.06	.19
2	.39	.16	.19	.20	.19	.11	.05	.04	.03	.08	.06	.18
3	.41	.16	.23	.23	.19	.11	.05	.04	.08	.05	.06	.17
4	.45	.17	.19	.22	.18	.10	.05	.04	.03	.04	.06	.18
5	.48	.16	.18	.22	.18	.10	.05	.04	.03	.04	.06	.18
6	.51	.16	.18	.22	.19	.16	.05	.05	.03	.04	.07	.12
7	.53	.16	.19	.22	.18	.10	.05	.04	.03	.04	.08	.10
8	.56	.16	.19	.22	.18	.10	.05	.04	.04	.04	.07	.09
9	.60	.20	.19	.22	.18	.10	.05	.04	.03	.04	.07	.08
10	.64	.18	.19	.22	.17	.10	.05	.04	.03	.04	.07	.09
11	.58	.17	.18	.23	.17	.09	.06	.04	.03	.04	.07	.08
12	.72	.17	.18	.23	.16	.09	.05	.04	.05	.04	.08	.06
13	.77	.18	.18	.33	.15	.08	.05	.04	.03	.04	.16	.06
14	.82	.18	.19	.23	.15	.08	.05	.04	.04	.04	.13	.05
15	.93	.18	.21	.22	.16	.08	.05	.04	.03	.04	.09	.05
16	.74	.18	.21	.22	.15	.08	.05	.04	.04	.05	.08	.04
17	.20	.17	.22	.22	.20	.07	.05	.04	.03	.05	.08	.04
18	.05	.17	.22	.22	.15	.07	.05	.03	.03	.08	.07	.03
19	.06	.17	.23	.29	.15	.08	.05	.03	.04	.05	.14	.03
20	.06	.17	.23	.24	.14	.07	.06	.03	.03	.05	.10	.02
21	.07	.18	.23	.24	.14	.07	.11	.03	.03	.05	.09	.02
22	.08	.18	.23	.24	.15	.07	.04	.03	.04	.05	.11	.02
23	.08	.18	.23	.30	.24	.07	.03	.03	.03	.08	.09	.02
24	.09	.18	.23	.23	.13	.07	.03	.03	.03	.05	.09	.02
25	.10	.18	.22	.22	.15	.09	.04	.04	.03	.05	.12	.01
26	.12	.18	.22	.22	.13	.07	.04	.04	.03	.05	.09	.01
27	.13	.18	.23	.22	.12	.06	.04	.04	.04	.05	.10	.01
28	.13	.18	.35	.21	.12	.06	.04	.03	.05	.06	.10	.01
29	.14	.18	.21	.21	.11	.06	.04	.04	.06	.06	.11	.01
30	.16	.18	.21	.21	---	.06	.04	.03	.04	.06	.13	.01
31	.16	---	.20	.20	---	.06	---	.03	---	.06	.17	---
TOTAL	11.12	5.21	6.53	7.09	4.70	2.62	1.48	1.15	1.09	1.55	2.86	1.98
MEAN	.36	.17	.21	.23	.16	.085	.049	.037	.036	.050	.092	.066
MAX	.93	.20	.35	.33	.24	.16	.11	.05	.08	.08	.17	.19
MIN	.05	.16	.18	.19	.11	.06	.03	.03	.03	.04	.06	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	MEAN	.11	.082	.085	.086	.080	.068	.065	.059	.066	.074	.11	.12
MAX	.36	.17	.21	.23	.16	.12	.12	.12	.12	.15	.16	.29	.33
(WY)	1992	1992	1992	1992	1992	1991	1991	1991	1991	1991	1991	1991	1991
MIN	.048	.035	.043	.035	.031	.031	.031	.031	.031	.024	.024	.039	.037
(WY)	1991	1991	1988	1990	1990	1990	1990	1990	1988	1988	1988	1990	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	66.56	47.38	
ANNUAL MEAN	.18	.13	.085
HIGHEST ANNUAL MEAN			.13
LOWEST ANNUAL MEAN			.046
HIGHEST DAILY MEAN	.93 Oct 15	.93 Oct 15	.93 Oct 15 1991
LOWEST DAILY MEAN	.04 Jan 21	.01 *Sep 25	.00 **Jun 23 1986
INSTANTANEOUS PEAK STAGE		3.74 Jul 18	4.95 Oct 1 1989
10 PERCENT EXCEEDS	.32	.23	.15
50 PERCENT EXCEEDS	.15	.09	.07
90 PERCENT EXCEEDS	.07	.03	.03

* Also occurred on Sept. 26 - 30.

** Also occurred on many days in June and July 1986.

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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations 1.0 mile upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	82	82	77	56	53	63	62	75	79	86	56
2	80	82	81	77	56	54	63	61	74	86	85	57
3	79	82	83	76	57	57	62	61	75	82	79	58
4	80	81	84	76	58	58	62	61	76	80	74	58
5	80	81	84	74	58	58	63	61	74	78	65	60
6	79	82	84	74	58	59	62	61	73	78	58	57
7	77	82	82	74	58	59	62	60	73	76	58	56
8	76	82	83	75	58	59	63	61	76	77	59	56
9	78	83	83	74	58	59	64	60	79	77	59	54
10	78	84	82	74	58	59	64	60	77	76	63	55
11	78	85	82	73	57	58	64	61	77	81	72	55
12	77	86	80	73	58	57	63	63	77	87	72	54
13	77	87	80	74	59	58	62	63	76	88	74	54
14	78	86	82	77	57	59	61	66	76	88	74	54
15	78	87	81	76	57	59	61	78	75	86	74	54
16	79	87	82	75	59	58	60	78	75	78	73	56
17	79	87	82	74	60	58	60	78	76	88	72	56
18	79	85	81	73	60	59	60	78	74	92	72	56
19	79	85	81	74	57	59	60	78	74	89	72	58
20	78	86	81	75	57	59	61	78	73	88	75	58
21	79	84	80	74	57	59	63	78	72	88	74	65
22	80	84	79	73	57	59	64	78	72	88	74	70
23	80	83	78	74	59	59	64	78	72	88	74	70
24	81	82	79	73	54	59	63	78	73	88	72	72
25	82	83	78	72	53	60	63	78	74	87	71	72
26	81	83	77	71	53	61	63	77	76	85	65	71
27	81	84	77	71	53	60	64	76	77	85	58	71
28	82	84	80	71	54	60	64	76	81	85	57	70
29	83	82	80	61	53	59	64	75	80	86	56	71
30	82	81	78	56	---	59	65	76	81	86	56	71
31	83	---	77	56	---	62	---	75	---	90	56	---
TOTAL	2461	2512	2503	2247	1649	1816	1877	2174	2263	2610	2129	1825
MEAN	79.4	83.7	80.7	72.5	56.9	58.6	62.6	70.1	75.4	84.2	68.7	60.8
MAX	83	87	84	77	60	62	65	78	81	92	86	72
MIN	76	81	77	56	53	53	60	60	72	76	56	54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	MEAN	84.5	80.4	77.8	72.6	74.6	79.3	81.7	82.9	87.3	94.3	94.1	90.6
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	60.2	58.5	62.7	24.4	56.5	58.6	59.6	55.8	59.3	68.9	68.7	60.8	60.8
(WY)	1989	1977	1990	1975	1978	1992	1990	1990	1988	1989	1992	1992	1992

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1974 - 1992

ANNUAL TOTAL	33467	26066	
ANNUAL MEAN	91.7	71.2	82.8
HIGHEST ANNUAL MEAN			92.7
LOWEST ANNUAL MEAN			66.6
HIGHEST DAILY MEAN	122	Aug 25	130
LOWEST DAILY MEAN	70	Jan 8	14
INSTANTANEOUS PEAK FLOW			224
INSTANTANEOUS PEAK STAGE			2.33
10 PERCENT EXCEEDS	114	84	104
50 PERCENT EXCEEDS	88	74	85
90 PERCENT EXCEEDS	80	57	61

SAVANNAH RIVER BASIN

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 34.5°C, June 2, 1988; minimum, 9.0°C, Dec. 24, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.0°C, July 8, 9; minimum, 10.5°C, Jan. 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.5	25.0	26.5	---	---	---	22.0	19.5	20.5	15.0	14.5	14.5
2	26.0	25.0	25.5	24.0	22.0	22.5	24.0	22.0	23.5	15.5	14.5	15.0
3	26.0	25.0	25.5	23.0	21.0	22.0	24.5	23.0	24.0	16.0	14.5	14.5
4	27.5	25.5	26.5	22.0	20.0	21.0	23.0	19.5	21.0	17.0	15.5	16.0
5	28.0	27.0	27.5	21.0	19.5	20.5	19.5	18.0	19.0	16.5	14.5	15.0
6	28.0	27.5	28.0	20.5	18.5	19.5	19.0	17.5	18.0	15.5	14.0	15.0
7	27.5	24.5	25.5	22.5	20.0	21.0	19.0	18.0	18.0	15.0	14.0	14.5
8	24.5	23.5	24.0	22.0	20.5	21.5	18.5	17.5	18.0	15.0	13.0	14.0
9	24.0	23.0	23.5	21.5	17.0	19.5	20.0	18.0	19.0	15.0	14.5	15.0
10	24.5	23.0	23.5	18.5	17.5	18.0	20.5	19.5	20.0	17.0	14.0	15.5
11	25.0	23.5	24.0	18.5	17.5	18.0	21.0	19.0	20.0	17.0	14.5	16.0
12	25.0	24.0	24.5	---	---	---	21.0	20.5	20.5	16.0	14.5	15.5
13	24.5	23.5	24.0	19.5	18.0	19.0	21.5	20.5	21.0	15.5	14.0	15.0
14	25.0	24.0	24.5	20.0	18.5	19.0	21.0	20.0	20.5	15.0	13.5	14.0
15	25.0	23.5	24.0	20.0	19.0	19.5	20.0	18.5	19.5	13.5	13.0	13.5
16	24.0	23.5	23.5	21.0	19.5	20.5	19.0	18.0	18.5	13.0	11.5	12.5
17	24.0	23.0	23.5	21.5	20.5	21.0	18.0	17.5	18.0	12.0	10.5	11.5
18	24.0	22.5	23.5	21.0	20.5	21.0	18.0	17.0	17.5	13.0	11.5	12.5
19	24.5	22.5	23.0	22.0	21.0	21.5	18.0	17.0	17.5	12.5	11.5	12.0
20	23.5	22.5	23.0	22.5	21.0	21.5	17.5	16.0	17.0	---	---	---
21	23.0	22.5	22.5	23.5	22.5	23.0	17.0	16.0	16.5	13.5	12.0	13.0
22	24.5	22.5	23.5	24.0	22.5	23.0	18.5	17.0	17.5	14.0	12.5	13.5
23	25.0	24.0	24.5	22.5	21.5	22.0	19.0	18.0	18.5	15.0	14.0	14.5
24	25.0	23.5	24.5	22.0	19.5	21.0	19.5	18.5	19.0	14.5	13.5	14.0
25	26.5	24.5	25.5	22.0	19.5	20.5	18.5	16.5	17.5	14.0	12.5	13.0
26	26.0	25.0	25.5	20.5	18.5	20.0	18.0	17.0	17.5	14.0	12.5	13.5
27	26.0	25.0	25.5	19.0	17.5	18.0	17.0	15.5	16.0	14.5	13.0	14.0
28	26.5	25.5	25.5	19.0	17.5	18.5	15.5	14.0	15.0	14.0	13.0	13.5
29	25.5	24.5	24.5	20.5	18.5	19.5	15.0	14.0	14.5	16.0	14.0	15.0
30	24.5	21.5	22.5	21.5	19.5	20.0	15.0	14.0	14.5	16.5	15.5	16.0
31	---	---	---	---	---	---	15.5	14.0	14.5	16.5	16.0	16.0
MONTH	28.0	21.5	24.5	24.0	17.0	20.5	24.5	14.0	18.5	17.0	10.5	14.5

SAVANNAH RIVER BASIN

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'57'', long 81°45'55'', Barnwell County, Hydrologic Unit 03060106, on left bank, 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 37.5°C, June 3, 1985; minimum, 6.0°C, Jan. 23, 1984.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, June 8; minimum, 9.0°C, Jan. 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT. SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	17.5	15.0	16.0	---	---	---	22.5	20.5	21.5
2	---	---	---	18.5	16.0	17.0	---	---	---	24.0	21.5	22.5
3	---	---	---	18.5	16.5	17.5	---	---	---	25.0	22.0	23.5
4	---	---	---	19.5	17.5	18.5	---	---	---	24.5	22.5	23.5
5	15.0	14.0	14.5	19.0	18.0	18.5	---	---	---	25.0	22.5	23.5
6	14.0	13.5	14.0	18.5	18.0	18.5	---	---	---	23.5	22.5	23.0
7	14.5	12.5	13.5	18.5	14.5	17.5	---	---	---	22.5	20.5	21.5
8	16.0	13.0	14.0	15.0	14.0	14.5	---	---	---	20.5	20.0	20.0
9	16.5	14.5	15.5	16.0	15.0	15.5	---	---	---	20.5	15.5	19.0
10	16.0	15.0	15.5	16.5	16.0	16.0	---	---	---	21.0	13.0	17.0
11	17.5	16.0	16.5	16.5	15.5	16.0	---	---	---	24.5	20.5	22.5
12	18.0	16.0	17.0	16.0	14.5	15.0	---	---	---	26.0	23.0	24.5
13	18.0	17.5	17.5	16.0	15.5	15.5	---	---	---	26.0	25.0	25.5
14	19.0	18.0	18.5	16.0	15.0	15.5	---	---	---	28.0	25.0	26.0
15	18.5	13.5	17.0	16.0	15.5	16.0	---	---	---	28.0	24.5	25.5
16	18.0	15.0	17.0	16.0	15.0	15.5	---	---	---	25.5	24.0	24.5
17	16.5	14.5	15.5	15.5	13.5	14.5	---	---	---	25.0	21.0	23.0
18	15.5	14.5	15.0	13.5	13.5	13.5	---	---	---	26.5	18.0	23.5
19	19.5	15.0	16.5	13.5	13.0	13.5	---	---	---	26.5	22.5	24.5
20	19.0	15.0	16.0	13.5	13.5	13.5	---	---	25.0	27.5	21.0	24.5
21	17.0	14.5	15.5	13.5	13.0	13.0	24.5	23.0	24.0	26.5	25.5	26.0
22	17.5	15.5	16.5	13.5	13.0	13.0	24.5	23.0	23.5	26.0	24.5	25.5
23	17.5	16.5	17.0	15.0	13.5	14.0	24.0	22.0	23.0	25.0	16.5	20.0
24	18.0	16.0	17.0	15.0	13.5	14.0	25.0	21.5	23.5	23.5	15.0	19.0
25	19.5	18.0	18.5	13.5	13.0	13.5	24.5	23.5	24.0	24.5	17.0	21.0
26	19.5	13.0	16.0	13.0	13.0	13.0	23.5	21.0	22.0	24.0	19.0	21.0
27	13.0	12.5	13.0	13.0	12.5	13.0	21.5	20.5	21.0	25.0	20.0	23.0
28	15.5	12.5	13.5	13.5	13.0	13.0	21.0	20.0	20.5	24.5	23.5	24.0
29	17.0	14.0	15.5	13.5	13.0	13.5	21.5	19.5	20.5	23.5	20.5	22.5
30	---	---	---	14.5	13.5	14.0	22.0	20.0	21.0	25.0	22.0	23.5
31	---	---	---	---	---	---	---	---	---	25.5	21.0	23.5
MONTH	19.5	12.5	16.0	19.5	12.5	15.0	25.0	19.5	22.5	28.0	13.0	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.5	19.5	22.5	28.5	27.0	28.0	28.0	26.5	27.0	---	---	28.0
2	26.0	18.0	23.0	28.0	26.0	27.0	27.0	26.0	26.5	---	---	---
3	25.5	20.5	24.0	27.5	26.0	27.0	27.5	26.0	26.5	---	---	---
4	26.5	24.0	25.0	28.0	25.0	26.5	27.5	26.5	27.0	---	---	---
5	27.5	26.0	26.5	29.0	25.5	27.5	28.0	27.0	27.0	---	---	---
6	27.5	26.0	26.5	---	---	---	28.0	27.0	27.5	---	---	---
7	29.0	26.5	27.5	---	---	---	27.0	26.5	27.0	---	---	---
8	29.5	27.5	28.5	---	---	---	27.0	26.5	27.0	---	---	---
9	27.5	27.0	27.5	---	---	---	27.5	27.0	27.0	---	---	28.0
10	28.5	27.0	27.5	---	---	---	28.5	27.0	27.5	27.5	26.5	27.0
11	27.5	26.0	26.5	---	---	---	28.0	27.0	27.5	28.0	26.5	27.0
12	26.0	24.5	25.0	---	---	---	27.5	27.0	27.0	27.0	26.5	27.0
13	25.5	24.5	25.0	---	---	---	27.0	26.0	26.5	26.5	26.0	26.0
14	25.5	23.0	24.5	---	---	---	26.5	25.5	26.0	26.0	25.5	25.5
15	23.5	22.5	23.0	---	---	---	25.5	24.5	25.0	25.5	25.0	25.5
16	24.5	23.0	23.5	---	---	---	24.5	24.0	24.5	26.0	25.0	25.5
17	25.0	24.0	24.5	---	---	---	25.0	24.5	25.0	26.0	25.0	25.5
18	25.0	23.5	24.5	27.5	26.0	26.5	26.0	25.0	25.0	26.0	25.0	25.5
19	28.0	24.0	26.0	27.0	26.0	26.5	26.0	25.5	26.0	28.0	25.5	27.0
20	28.5	26.0	27.0	27.5	26.0	26.5	26.0	25.0	25.5	29.0	28.0	28.5
21	28.5	26.5	27.5	27.5	26.0	27.0	25.5	22.5	24.0	29.0	27.0	28.5
22	29.0	27.5	28.5	27.5	26.5	27.0	25.5	22.5	24.5	28.5	27.0	27.5
23	27.5	26.0	27.0	27.5	26.0	26.5	26.5	25.5	26.0	28.5	27.5	28.0
24	27.0	22.0	24.0	27.5	26.5	27.0	---	---	---	28.0	26.0	27.0
25	26.0	21.0	23.0	28.0	27.0	27.5	---	---	---	26.0	25.0	25.5
26	26.5	21.0	23.5	28.5	27.5	27.5	---	---	---	25.5	25.0	25.5
27	26.5	24.0	25.5	28.5	27.5	28.0	---	---	---	27.0	25.5	26.0
28	27.5	26.0	26.5	29.0	28.0	28.5	26.5	25.5	26.0	28.0	26.5	27.0
29	28.0	26.0	27.0	29.0	28.5	28.5	26.5	25.0	25.5	28.0	27.5	27.5
30	28.5	27.0	28.0	29.0	28.5	28.5	27.0	25.5	26.5	27.5	26.5	27.0
31	---	---	---	28.5	28.0	28.0	28.0	26.5	27.0	---	---	---
MONTH	29.5	18.0	25.5	29.0	25.0	27.5	28.5	22.5	26.0	29.0	25.0	27.0
YEAR	29.5	9.0	21.0									

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC

LOCATION.--Lat 33°08'52'', long 81°45'01'', Barnwell County, Hydrologic Unit 03060106, on right bank at confluence with Savannah River, 7.6 mi downstream from Upper Three Runs, 9.0 mi upstream from Steel Creek and at mile 150.6.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 46.8°C, Aug. 22, 1983; minimum, 0.5°C, Jan. 8, 1988.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 27.5°C, Aug. 11; minimum, 8.0°C, Jan. 17, 21, Feb. 9.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.0	10.0	11.5	14.0	12.5	13.5	13.5	13.5	13.5	---	---	---
2	11.0	9.0	10.0	14.0	13.0	13.5	14.0	13.5	13.5	---	---	---
3	11.0	9.5	10.5	14.0	14.0	14.0	13.5	13.5	13.5	---	---	---
4	11.0	10.5	11.0	14.5	14.0	14.0	13.5	13.5	13.5	---	---	18.0
5	11.0	10.5	11.0	15.0	14.5	14.5	14.0	13.5	13.5	18.5	18.5	18.5
6	10.5	9.5	10.0	15.0	15.0	15.0	14.0	13.5	13.5	19.0	18.0	18.5
7	10.5	9.0	10.0	15.0	15.0	15.0	14.0	14.0	14.0	18.0	16.0	17.0
8	11.0	9.0	10.5	15.0	15.0	15.0	14.0	14.0	14.0	16.0	15.5	16.0
9	10.5	8.0	9.0	15.0	15.0	15.0	14.0	14.0	14.0	17.0	15.5	16.0
10	9.5	8.5	9.0	15.0	15.0	15.0	14.0	14.0	14.0	17.0	15.5	16.0
11	10.5	9.5	10.0	15.0	13.5	14.5	14.5	14.0	14.5	17.5	17.0	17.0
12	11.0	10.5	10.5	14.0	12.5	13.5	15.0	14.5	14.5	17.5	17.0	17.5
13	11.0	11.0	11.0	14.0	13.0	13.5	15.5	15.0	15.0	18.0	17.5	18.0
14	11.5	11.0	11.0	13.5	12.0	13.0	16.0	14.5	15.0	18.5	18.0	18.5
15	11.5	11.5	11.5	13.5	12.5	13.0	16.0	15.5	16.0	18.5	18.5	18.5
16	12.0	11.5	12.0	13.5	12.5	13.0	16.5	16.0	16.0	19.0	18.5	19.0
17	12.5	12.0	12.5	13.5	12.5	13.0	17.0	16.5	16.5	19.5	19.0	19.0
18	12.5	12.5	12.5	13.5	13.5	13.5	17.0	17.0	17.0	19.5	19.0	19.5
19	12.5	12.5	12.5	13.5	13.0	13.5	17.5	17.0	17.5	19.5	19.5	19.5
20	13.0	12.5	12.5	13.5	13.0	13.5	18.0	17.5	17.5	20.0	19.5	20.0
21	13.0	12.5	12.5	13.5	13.0	13.0	18.0	17.5	18.0	20.0	20.0	20.0
22	12.5	12.0	12.5	13.0	13.0	13.0	18.5	18.0	18.0	20.5	20.0	20.0
23	13.0	12.5	13.0	13.5	13.0	13.5	18.5	18.0	18.5	---	---	---
24	13.5	13.0	13.0	13.5	13.0	13.5	18.5	18.5	18.5	20.0	19.0	19.5
25	14.0	13.5	13.5	13.5	13.0	13.0	19.0	18.5	18.5	20.0	19.5	20.0
26	14.0	14.0	14.0	13.0	13.0	13.0	19.0	18.5	19.0	20.0	20.0	20.0
27	14.0	13.5	13.5	13.0	13.0	13.0	18.5	17.0	17.5	20.0	20.0	20.0
28	13.5	13.0	13.5	13.0	13.0	13.0	17.5	16.5	17.0	20.0	20.0	20.0
29	14.0	13.5	13.5	13.5	13.0	13.0	17.0	16.0	16.5	20.0	19.5	19.5
30	---	---	---	13.5	13.0	13.5	17.5	17.0	17.0	19.5	19.5	19.5
31	---	---	---	13.5	13.5	13.5	---	---	---	20.0	19.5	19.5
MONTH	14.0	8.0	11.5	15.0	12.0	13.5	19.0	13.5	16.0	20.5	15.5	18.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	20.0	19.5	20.0	22.5	22.5	22.5	26.5	25.5	26.0	25.5	24.5	25.0
2	20.0	19.5	19.5	22.5	22.5	22.5	27.0	26.0	26.5	26.0	25.0	25.5
3	20.0	19.5	19.5	22.5	22.5	22.5	27.0	26.0	26.5	26.0	25.0	25.5
4	20.0	19.5	20.0	22.5	22.5	22.5	27.0	26.5	26.5	26.0	25.0	25.5
5	20.0	20.0	20.0	23.0	22.5	23.0	27.0	26.5	26.5	25.5	24.5	25.0
6	20.5	20.0	20.0	23.0	23.0	23.0	27.0	24.5	25.5	25.0	24.0	24.5
7	20.5	20.0	20.5	23.5	23.0	23.5	24.5	23.5	23.5	25.5	24.0	24.5
8	21.0	20.5	21.0	23.5	23.5	23.5	25.5	23.5	24.5	25.5	24.5	25.0
9	21.5	21.0	21.5	24.0	23.5	24.0	26.5	25.5	26.0	26.0	24.5	25.0
10	21.5	21.5	21.5	24.0	24.0	24.0	27.0	26.5	27.0	26.0	25.0	25.0
11	22.0	21.5	22.0	24.5	24.0	24.0	27.5	25.5	26.0	25.5	25.0	25.0
12	22.0	22.0	22.0	24.5	24.5	24.5	25.5	25.0	25.0	25.5	24.5	25.0
13	22.0	21.5	21.5	25.0	24.5	25.0	25.0	24.0	24.5	25.0	24.0	24.0
14	21.5	21.5	21.5	25.0	25.0	25.0	---	---	---	24.5	23.0	23.5
15	21.5	21.5	21.5	25.0	25.0	25.0	---	---	---	23.5	22.5	23.0
16	21.5	21.5	21.5	27.0	24.5	25.0	---	---	---	24.0	23.0	23.5
17	21.5	21.5	21.5	25.5	23.5	25.0	---	---	---	25.0	24.0	24.5
18	22.0	21.5	22.0	25.5	23.5	24.5	---	---	---	25.0	24.0	24.5
19	22.0	22.0	22.0	24.0	22.5	23.5	---	---	---	---	---	24.0
20	22.5	22.0	22.5	24.5	23.5	23.5	---	---	---	---	---	---
21	22.5	22.5	22.5	25.0	23.5	24.0	24.5	23.0	24.0	---	---	25.5
22	---	---	22.5	25.0	24.0	24.5	24.5	23.0	23.5	26.0	24.5	25.0
23	23.0	22.5	23.0	25.0	24.0	24.5	25.5	24.0	24.5	25.0	23.5	24.5
24	23.0	22.0	22.5	25.5	24.0	24.5	27.0	24.5	25.5	23.5	20.0	22.0
25	22.0	21.5	21.5	25.5	24.5	24.5	26.5	25.0	25.5	20.0	19.0	19.5
26	21.5	21.0	21.5	26.0	25.0	25.5	26.5	24.5	25.5	19.5	18.5	19.0
27	21.5	21.0	21.5	26.5	25.5	26.0	26.5	25.5	26.0	22.5	19.5	20.5
28	21.5	21.0	21.5	26.5	25.5	26.0	26.5	25.5	26.0	24.0	22.0	23.0
29	22.0	21.5	21.5	27.0	26.0	26.5	26.5	24.5	25.0	24.5	22.0	23.0
30	22.5	22.0	22.0	27.0	26.0	26.5	25.5	24.0	24.5	22.5	20.0	21.0
31	---	---	---	26.5	26.0	26.0	25.5	24.0	24.5	---	---	---
MONTH	23.0	19.5	21.5	27.0	22.5	24.5	27.5	23.0	25.5	26.0	18.5	24.0
YEAR	27.5	8.0	17.5									

SAVANNAH RIVER BASIN

02197330 SITE NO. 1 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'00'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--0.13 mi².

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct 25, Dec. 28, Jan. 13, 20, Feb. 25, Apr. 11, 21, June 3, 8, 29, July 2, 17, 18, 23, Aug. 12, 13, 19, Sept. 6, 23. Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.20	.19	.16	1.2	.83	.74	.38	.99	.95	.47	.75	.40
2	.34	.18	.44	.99	.54	.71	.43	.78	.71	1.2	.47	.37
3	.50	.19	.62	.83	.51	1.0	.26	.86	2.0	.45	.83	.13
4	.29	.48	.47	1.2	.31	.64	.21	.81	1.3	.38	.65	.38
5	.20	.17	.47	.91	.61	.96	.23	1.1	.70	.40	1.0	.57
6	.15	.19	.49	.94	.66	1.4	.39	.86	.88	.44	.81	.60
7	.50	.49	.71	.95	.29	.53	.41	1.2	.84	.65	.56	.09
8	.19	.42	.41	.94	.51	.23	.25	.97	2.2	.53	.74	.33
9	.23	1.4	.50	.67	.21	.21	.24	.81	1.3	.31	.47	.34
10	.25	.54	.66	.93	.59	.28	.93	.79	1.1	.56	.79	.64
11	.27	.20	.50	.64	.51	.23	.94	.47	1.6	.35	1.1	.14
12	.32	.27	.51	.91	.11	.25	.97	.79	2.4	.54	.70	.07
13	.45	.52	.65	2.4	.07	.87	.67	.63	.79	.32	1.5	.28
14	.21	.24	.44	1.7	.36	.21	.70	.68	1.2	.59	1.0	.28
15	.25	.24	.69	.80	.39	.21	.35	.79	1.8	.34	.85	.23
16	.46	.50	.80	1.1	.42	.21	.72	.82	1.5	.49	.63	.18
17	.26	.20	.71	1.3	1.2	.19	.96	.74	1.1	1.2	.57	.17
18	.23	.27	.93	1.0	.23	.19	.68	.80	1.1	1.7	.55	.17
19	.24	.59	.67	2.2	.26	.67	.67	.52	1.1	.38	2.3	.04
20	.20	.52	.99	.34	.84	.15	1.5	.78	1.2	.42	.89	.04
21	.56	.20	.86	.86	.84	.87	2.7	.64	.92	.34	.53	.16
22	.28	.51	.92	.88	.52	.61	1.2	.60	1.2	.81	.51	.04
23	.26	.45	1.0	1.7	3.2	.72	.89	.77	.65	1.9	.49	.27
24	.54	.43	.93	.91	.58	.30	1.2	.75	.41	.68	.52	.46
25	.60	.46	.91	.91	1.0	1.1	1.0	1.2	.41	.46	.27	.04
26	.21	.95	1.3	.59	.76	.38	.87	.90	.38	.40	.25	.02
27	.18	.62	.94	.61	.95	.26	1.7	.73	.98	.58	.59	.21
28	.43	.19	2.8	.34	.69	.23	.93	1.0	.38	.49	.48	.12
29	.20	.20	1.3	.66	.95	.21	.91	.75	1.0	.50	.39	.06
30	.22	.44	1.3	.56	---	.41	.96	.97	.53	.50	.35	.05
31	.48	---	.99	.63	---	1.3	---	.87	---	.72	.38	---
TOTAL	9.70	12.25	25.07	30.60	18.94	16.27	24.25	25.37	32.63	19.10	21.92	6.88
MEAN	.31	.41	.81	.99	.65	.52	.81	.82	1.09	.62	.71	.23
MAX	.60	1.4	2.8	2.4	3.2	1.4	2.7	1.2	2.4	1.9	2.3	.64
MIN	.15	.17	.16	.34	.07	.15	.21	.47	.38	.31	.25	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	1974	1981	1982	1978	1980	1980	1975	1977	1976	1976	1974	1979
MEAN	1.15	1.16	1.28	1.39	1.34	1.20	1.26	1.19	1.18	1.17	1.27	1.17
MAX	1.58	1.69	1.72	2.97	2.31	2.29	1.87	1.77	1.79	1.81	1.97	2.27
(WY)	1974	1981	1982	1978	1980	1980	1975	1977	1976	1976	1974	1979
MIN	.31	.41	.77	.61	.65	.52	.74	.58	.54	.62	.71	.23
(WY)	1992	1992	1991	1989	1992	1992	1988	1988	1988	1992	1992	1992

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	292.72	242.98	
ANNUAL MEAN	.80	.66	1.22
HIGHEST ANNUAL MEAN			1.63
LOWEST ANNUAL MEAN			.66
HIGHEST DAILY MEAN	6.4 Aug 1	3.2 Feb 23	25 Jan 25 1978
LOWEST DAILY MEAN	.11 Sep 15	.02 Sep 26	.02 Sep 26 1992
INSTANTANEOUS PEAK STAGE		5.47 Jul 23	7.82 Jan 19 1978
10 PERCENT EXCEEDS	1.4	1.2	1.8
50 PERCENT EXCEEDS	.71	.58	1.2
90 PERCENT EXCEEDS	.22	.20	.58

SAVANNAH RIVER BASIN

021973305 HP-52 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'56'', long 81°38'26'', Barnwell County, Hydrologic Unit 03060106, 75 ft downstream of culvert, 400 ft south of SRS Road E, and 700 ft south of H-Area, at Savannah River Site.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 25, Dec. 28, Jan. 13, 23, Feb. 17, 23, 25, Apr. 2, 6, 7, 11, 20, 21, May 6 to June 4, 8, 11, 12, 14 - 16, 21, 22, 27, 29, July 2, 16 - 18, 20, 22, 23, 31, Aug. 5, 12 - 14, 19, Sept. 2, 5, 6, 10, 23, 24. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.44	1.1	.67	.49	.45	1.3	.18	1.2	1.1	.88	.42	.35
2	.41	.97	.62	.57	.43	1.0	.38	1.1	1.7	.66	.31	.86
3	.28	1.0	1.0	.68	.47	.92	.14	1.1	2.6	.38	.33	.77
4	.28	1.3	.64	.51	.43	.93	.12	1.0	2.0	.71	.50	.76
5	.25	1.3	.55	.43	.48	.92	.12	.60	1.0	.72	.46	.70
6	.28	1.4	.55	.50	.73	1.3	.38	.70	.62	.53	.47	.40
7	.31	1.3	.77	.59	.70	.87	.82	.90	.99	.67	.52	.40
8	.73	1.2	.83	.42	1.1	.79	.64	.95	2.2	1.2	.48	.37
9	.95	.97	.62	.49	1.1	.62	.78	.88	1.5	1.0	.58	.58
10	.63	.51	.79	.45	.66	.68	.66	.75	1.5	.30	.47	.46
11	.57	.47	.43	.56	.66	.68	.98	.72	1.0	.64	.48	.35
12	.31	.78	.41	.51	.93	.66	.35	.70	1.3	.60	.66	.44
13	.41	1.3	.41	1.2	1.3	.72	.34	.73	.71	.64	1.0	.59
14	.32	1.4	.50	.39	1.3	.71	.33	.84	1.8	.47	.54	.41
15	.33	1.0	.49	.33	1.2	.67	.31	.80	.62	.31	.72	.39
16	.38	1.1	.43	.36	.95	.31	.41	1.0	.66	.46	.50	.45
17	.31	1.4	.43	.43	1.7	.36	.31	1.2	.59	1.2	.28	.33
18	.46	1.5	.66	.63	1.0	.36	.40	.89	.66	1.1	.25	.29
19	.32	.97	.58	1.2	.98	.38	.43	.96	.58	.53	.92	.89
20	.32	.71	.52	.59	.84	.25	.66	.90	1.1	.38	.44	.64
21	.27	.92	.49	.44	.84	.29	1.4	.88	1.0	.57	2.0	.42
22	.23	1.0	.60	.60	.85	.33	.54	.91	.98	.38	1.3	.39
23	.57	.97	.72	.98	1.8	.33	.56	.83	.74	1.1	1.4	.46
24	.58	.69	.67	.55	1.5	.27	.38	.96	.96	.88	1.8	.57
25	.62	.72	.87	.64	1.8	.29	.51	.92	.85	.84	2.1	.37
26	.38	.70	.68	.90	.96	.23	.23	.92	1.0	.54	.83	.45
27	.33	.64	.68	.51	1.2	.28	.31	.84	1.1	.35	.38	.43
28	.28	.48	1.6	.59	1.1	.26	.53	.78	1.5	.30	.57	.35
29	.68	.62	.58	.64	1.4	.22	.93	.81	1.4	.27	.71	.38
30	1.1	.60	.48	.52	---	.20	1.1	.80	.36	.24	.75	.60
31	1.1	---	.52	.62	---	.16	---	.75	---	.32	.39	---
TOTAL	14.43	29.02	19.79	18.32	28.86	17.29	15.33	27.32	34.12	19.17	22.56	14.85
MEAN	.47	.97	.64	.59	1.00	.56	.51	.88	1.14	.62	.73	.49
MAX	1.1	1.5	1.6	1.2	1.8	1.3	1.4	1.2	2.6	1.2	2.1	.89
MIN	.23	.47	.41	.33	.43	.16	.12	.60	.36	.24	.25	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	1.11	1.15	1.00	1.01	.98	.96	.91	.99
MAX	1.96	1.82	1.35	2.11	2.25	2.08	1.94	1.76
(WY)	1991	1987	1988	1987	1987	1987	1988	1988
MIN	.47	.59	.62	.44	.45	.47	.40	.49
(WY)	1992	1985	1989	1989	1989	1990	1990	1989

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1985 - 1992

ANNUAL TOTAL	229.66	261.06	
ANNUAL MEAN	.63	.71	
HIGHEST ANNUAL MEAN			.98
LOWEST ANNUAL MEAN			1.58
HIGHEST DAILY MEAN	7.0	Aug 1	1987
LOWEST DAILY MEAN	.23	Oct 22	1985
INSTANTANEOUS PEAK FLOW			.70
INSTANTANEOUS PEAK STAGE			12
10 PERCENT EXCEEDS	1.0		.11
50 PERCENT EXCEEDS	.52		.11
90 PERCENT EXCEEDS	.34		.11

SAVANNAH RIVER BASIN

02197331 H-008 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'54'', long 81°38'46'', Barnwell County, Hydrologic Unit 03060106, 100 ft west of SRS Road E-1, 300 ft south of SRS Road E, 0.3 mi east of intersection of SRS Roads E and 4, at Savannah Site Plant.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 3 - 9, 25, Nov. 4, 9, Dec. 2 - 6, 28, Jan. 13, 14, 19, 20, 23, 27, 28, Feb. 17, 22, 23, 25, Mar. 6, 10, 18 - 31, Apr. 1 - 8, 11, 12, 14, 15, 18 - 21, 30, May 1 - 3, 5 - 8, 11, 12, 14 - 22, 24 - 31, June 1 - 4, 8, 9, 11, 12, 14 - 16, 21, 25 - 30, July 1 - 6, 17, 18, 20, 22 - 29, 31, Aug. 5, 12, 14, 19, 20, Sept. 2, 5, 6, 10, 23, 24. Records poor. Discharge over 7.0 ft³/s are undefined. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	2.4	1.7	.80	1.3	2.5	1.5	.87	1.8	1.4	.90	.72
2	.95	2.1	2.0	.84	1.2	2.2	1.3	.86	2.4	1.2	.71	1.2
3	.71	2.2	1.8	1.2	1.1	2.0	1.3	.84	4.4	.80	.78	.99
4	.68	2.9	1.6	.92	.97	2.0	1.4	.72	3.7	1.1	.97	1.2
5	.53	3.0	1.4	.91	.97	2.0	1.7	.27	1.8	.80	.97	1.7
6	.66	3.1	1.1	.95	1.4	3.3	1.6	.52	1.3	.83	1.2	1.6
7	.85	2.7	1.2	1.0	1.3	2.5	1.7	.44	1.6	.90	.93	1.1
8	1.1	2.7	1.2	.78	2.1	2.0	.66	1.2	3.4	1.2	.87	.78
9	1.9	3.1	1.2	.90	2.0	1.7	.83	.98	3.4	.99	.93	.96
10	1.4	2.5	1.2	.85	1.3	1.9	.70	.94	2.4	.27	.76	1.2
11	1.4	1.7	1.2	.94	1.3	2.0	1.4	.89	2.5	.49	.76	.83
12	1.0	2.0	1.2	.91	1.9	2.0	.98	.98	3.8	.53	1.1	.95
13	1.2	2.7	1.2	3.1	2.7	2.4	.60	1.3	2.4	.51	6.1	.96
14	1.1	2.7	1.2	2.5	2.4	2.4	.48	1.3	4.2	.37	2.6	.70
15	1.0	2.3	1.2	1.0	2.5	2.4	.45	1.2	2.6	.24	1.6	.65
16	1.1	2.3	1.1	.88	2.2	1.3	.52	1.2	2.9	.51	1.1	.73
17	1.1	2.7	1.0	.88	3.9	1.6	.39	1.2	2.3	.77	1.1	.59
18	1.2	2.9	1.6	1.4	2.7	1.2	.45	1.4	1.9	2.2	.89	.78
19	.85	2.4	1.4	4.0	2.1	2.1	.46	1.7	1.8	2.0	2.9	1.4
20	.87	1.9	1.3	1.8	1.6	1.2	1.7	1.1	2.6	1.3	2.9	.92
21	.83	2.2	1.5	1.5	1.6	1.4	7.0	1.5	2.8	.94	2.9	.68
22	.83	2.2	1.6	1.5	1.6	1.7	2.5	2.0	2.0	.97	2.0	.60
23	1.5	1.9	1.9	4.3	4.0	1.8	1.2	1.1	1.6	3.4	1.8	.90
24	1.5	1.5	1.8	2.2	3.2	1.6	.79	2.4	1.9	2.3	1.8	1.3
25	2.0	1.6	1.9	1.6	3.7	1.8	1.0	2.0	1.6	.80	2.0	.82
26	1.3	1.6	1.5	2.1	2.5	1.4	.61	1.4	1.6	.80	1.2	.72
27	.96	1.5	1.6	.63	2.2	1.9	.54	1.5	2.0	.80	.94	.89
28	.83	1.3	3.4	1.1	2.6	2.0	.68	1.2	2.2	.70	.95	.79
29	1.5	1.6	2.0	1.6	2.8	1.7	.89	1.4	3.0	.56	1.0	.61
30	2.3	1.6	1.0	1.5	---	1.6	.83	1.4	2.9	.57	1.0	.71
31	2.4	---	.85	1.5	---	1.4	---	1.2	---	.90	.73	---
TOTAL	36.55	67.3	45.85	46.09	61.14	59.0	36.16	37.01	74.8	31.15	46.39	27.98
MEAN	1.18	2.24	1.48	1.49	2.11	1.90	1.21	1.19	2.49	1.00	1.50	.93
MAX	2.4	3.1	3.4	4.3	4.0	3.3	7.0	2.4	4.4	3.4	6.1	1.7
MIN	.53	1.3	.85	.63	.97	1.2	.39	.27	1.3	.24	.71	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	1.61	1.77	1.67	1.78	1.57	1.49	1.42	1.46
MAX	3.44	3.06	2.57	3.22	2.61	2.79	2.36	2.16
(WY)	1991	1991	1991	1991	1987	1988	1988	1992
MIN	.62	.70	.82	.73	.67	.69	.63	.72
(WY)	1986	1985	1985	1989	1989	1989	1985	1989

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1985 - 1992
ANNUAL TOTAL	562.80	569.42	
ANNUAL MEAN	1.54	1.56	1.51
HIGHEST ANNUAL MEAN			1.96
LOWEST ANNUAL MEAN			.84
HIGHEST DAILY MEAN	15 Aug 1	7.0 Apr 21	20 Aug 22 1990
LOWEST DAILY MEAN	.47 Sep 11	.24 Jul 15	.15 Jul 16 1990
INSTANTANEOUS PEAK FLOW		Unknown Jul 23	Unknown Oct 1 1989
INSTANTANEOUS PEAK STAGE		2.36 Jul 23	4.16 Oct 1 1989
10 PERCENT EXCEEDS	2.9	2.7	2.6
50 PERCENT EXCEEDS	1.2	1.3	1.3
90 PERCENT EXCEEDS	.68	.71	.65

SAVANNAH RIVER BASIN

02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'31'', long 81°39'12'', Barnwell County, Hydrologic Unit 03060106, located on Fourmile Creek, at right bank, on downstream side of bridge on 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. Elevation of gage is 205 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, June 14 - 19, July 26 to Aug. 4, 12 - 16, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.5	6.0	4.4	4.5	5.4	8.5	6.6	5.1	6.1	6.9	4.3	4.2
2	6.1	6.0	4.6	4.4	4.9	7.6	5.3	4.6	5.4	19	4.0	4.3
3	5.2	5.3	7.2	6.2	5.1	7.2	4.9	4.4	12	9.3	4.2	4.1
4	4.4	5.7	7.0	4.6	5.5	6.6	4.7	4.1	14	6.4	4.7	4.5
5	4.4	5.5	5.2	4.0	8.3	6.8	4.8	3.8	7.1	4.5	4.8	8.1
6	4.4	5.7	4.6	3.9	6.4	13	4.6	5.1	4.6	3.8	5.8	16
7	4.2	5.8	4.8	3.8	5.5	11	5.1	6.5	3.6	4.0	5.0	9.4
8	4.3	8.0	4.6	3.6	5.7	7.2	4.4	7.0	18	3.5	3.8	7.2
9	4.8	9.6	4.5	3.5	5.5	6.2	4.0	5.8	24	3.0	3.5	5.4
10	4.5	11	4.7	3.5	5.1	6.5	4.8	4.9	10	2.9	3.5	6.4
11	4.5	6.7	4.1	3.3	5.1	7.5	11	4.1	7.8	2.9	3.4	6.4
12	4.1	6.2	3.9	3.4	5.1	6.3	8.2	4.2	15	2.9	4.8	5.5
13	4.1	5.8	4.2	15	5.6	6.7	5.1	4.4	9.6	2.7	34	5.1
14	3.7	6.2	4.2	17	5.8	6.2	4.2	4.9	10	2.7	18	5.0
15	4.0	6.4	4.0	7.2	6.7	6.0	3.6	4.5	11	2.6	12	4.2
16	4.4	5.7	3.8	6.2	7.2	5.0	3.7	4.4	14	2.7	9.8	4.1
17	3.7	5.7	3.6	5.1	12	8.7	3.6	4.2	12	6.0	6.7	4.0
18	3.8	5.9	4.2	5.1	11	7.3	3.9	5.3	7.8	25	6.0	4.1
19	3.5	5.6	3.8	14	9.0	9.3	3.4	4.4	5.2	15	31	4.5
20	3.5	6.3	4.2	7.7	6.8	7.1	8.0	4.1	5.4	7.3	30	4.0
21	3.6	6.5	3.8	7.0	6.3	6.1	26	4.3	4.6	5.6	14	3.8
22	3.5	5.9	4.1	6.4	5.8	5.7	18	4.9	7.8	5.9	10	3.7
23	4.0	5.4	4.4	16	31	6.5	9.6	3.9	3.3	28	8.4	6.6
24	4.3	5.0	4.9	9.6	17	6.1	6.8	4.9	3.2	25	7.4	6.5
25	6.6	4.9	4.2	7.5	18	8.1	6.0	6.6	2.9	10	6.9	5.9
26	5.8	5.1	4.0	6.8	14	11	5.1	5.7	2.8	7.9	6.5	4.6
27	5.1	4.8	4.8	6.2	10	6.7	5.4	5.3	4.9	4.8	5.9	4.8
28	4.9	4.4	25	6.1	9.5	6.3	5.0	5.4	4.5	4.7	5.8	4.6
29	5.0	4.5	16	6.1	8.7	5.6	5.1	5.8	12	4.2	5.2	4.1
30	5.4	4.6	7.2	5.7	---	6.1	5.0	7.0	8.7	3.6	5.4	3.9
31	5.6	---	5.8	6.2	---	8.1	---	6.7	---	4.8	4.8	---
TOTAL	142.9	180.2	175.8	209.6	252.0	227.0	195.9	156.3	257.3	237.6	279.6	165.0
MEAN	4.61	6.01	5.67	6.76	8.69	7.32	6.53	5.04	8.58	7.66	9.02	5.50
MAX	7.5	11	25	17	31	13	26	7.0	24	28	34	16
MIN	3.5	4.4	3.6	3.3	4.9	5.0	3.4	3.8	2.8	2.6	3.4	3.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	MEAN	5.02	5.68	6.85	8.65	11.5	11.5	9.31	7.06	5.27	5.71	6.21	5.46
MAX	17.5	11.9	12.8	17.3	31.2	24.5	20.0	22.2	9.11	20.0	22.5	14.0	
(WY)	1991	1980	1977	1978	1973	1980	1973	1984	1984	1991	1991	1979	
MIN	2.42	3.62	3.18	3.15	3.46	4.70	3.79	2.32	2.16	1.75	2.03	2.61	
(WY)	1986	1985	1989	1989	1989	1990	1985	1985	1990	1980	1980	1985	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	4423.4	2479.2	
ANNUAL MEAN	12.1	6.77	
HIGHEST ANNUAL MEAN			7.00
LOWEST ANNUAL MEAN			13.6
HIGHEST DAILY MEAN	155	Aug 2	1991
LOWEST DAILY MEAN	3.1	Jun 24	1985
INSTANTANEOUS PEAK FLOW		34	Aug 13
INSTANTANEOUS PEAK STAGE		2.6	Jul 15
10 PERCENT EXCEEDS	21	158	Apr 21
50 PERCENT EXCEEDS	7.7	4.29	Apr 21
90 PERCENT EXCEEDS	4.0	5.4	5.99
		11	13
		3.8	5.2
			2.8

SAVANNAH RIVER BASIN

02197336 SITE NO. 4 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'21'', long 81°39'55'', Barnwell County, Hydrologic Unit 03060106, on Four Mile Creek at left bank, 300 ft above SRS Road C, 0.8 mi downstream of Site 3, 0.8 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--6.96 mi².

PERIOD OF RECORD.--October 1972 to September 1992 (Discontinued).

GAGE.--Data collection platform. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Estimated daily discharges, Dec. 28, Jan. 13, 20, Feb. 10 - 28, Mar. 1, 9 - 11, Apr. 21, June 8, 9, 15, 29, 30, July 2, 18, 23, 24, Aug. 13, 19, 20. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	4.1	3.7	5.1	5.0	6.6	6.4	4.4	4.2	7.8	3.0	2.8
2	5.2	4.7	4.0	5.0	4.4	5.9	4.8	3.8	4.9	17	2.5	2.7
3	2.4	3.6	6.5	6.8	4.5	5.7	5.2	3.7	15	13	2.2	2.8
4	2.0	3.8	7.5	5.3	4.7	5.3	5.0	3.7	20	6.9	2.2	2.8
5	2.0	4.0	5.3	4.8	7.4	5.2	4.8	3.8	7.5	4.4	3.1	5.5
6	1.9	3.8	4.9	4.5	5.7	13	4.9	5.4	5.0	3.8	4.9	11
7	2.0	3.9	4.8	4.4	5.0	10	5.5	6.8	3.2	3.7	4.5	8.3
8	2.1	5.6	4.8	4.2	4.9	6.0	5.0	7.8	8.3	2.9	2.4	4.7
9	2.3	7.3	4.7	4.4	4.7	5.0	4.3	6.4	25	2.8	2.4	3.5
10	2.3	13	4.8	4.2	5.3	5.1	5.0	5.3	11	2.2	2.2	3.6
11	2.1	5.5	4.6	4.1	5.6	5.1	11	4.8	8.1	2.2	2.1	5.1
12	2.0	5.1	4.2	4.1	3.8	4.6	9.5	4.3	26	2.1	3.3	3.8
13	2.0	4.6	4.5	21	6.9	4.4	6.1	5.1	11	2.2	41	3.6
14	2.0	4.2	4.6	24	4.5	4.5	4.6	5.4	15	2.2	25	3.3
15	2.2	5.2	4.2	7.9	8.1	4.2	4.1	5.1	19	2.1	10	3.2
16	2.6	3.9	3.9	6.6	7.9	3.6	4.2	4.8	20	2.0	8.3	2.7
17	2.5	3.9	3.6	5.2	12	4.6	3.8	4.5	15	5.7	4.8	2.7
18	2.7	3.9	4.0	5.2	10	7.3	4.3	5.2	7.8	20	4.4	2.6
19	2.7	4.0	4.0	19	7.7	8.0	3.9	5.4	5.0	22	14	2.9
20	2.8	4.4	4.1	8.7	6.4	6.3	9.6	3.4	5.0	7.1	38	2.8
21	3.1	5.0	4.1	6.7	5.3	4.7	20	2.8	4.3	5.0	12	2.6
22	3.4	4.4	4.3	6.1	4.9	4.8	24	3.9	3.9	5.3	8.1	2.6
23	3.9	4.0	4.6	22	26	5.3	10	3.0	3.9	19	6.3	3.3
24	4.1	3.7	5.0	9.2	14	4.9	7.2	3.9	3.5	25	4.6	4.7
25	5.9	3.7	4.5	6.2	13	6.3	5.2	5.1	3.3	8.0	4.9	3.8
26	6.7	3.8	4.1	5.8	16	14	4.7	7.3	3.2	5.9	4.9	3.3
27	4.7	3.8	4.8	5.7	8.3	6.2	5.0	5.4	6.8	3.5	3.7	2.8
28	3.9	3.6	16	5.5	8.2	5.4	4.7	4.9	6.7	3.5	4.2	3.0
29	3.3	3.6	24	5.1	7.2	5.1	4.8	5.6	7.8	3.2	3.5	2.8
30	3.7	3.7	7.9	5.5	---	5.9	4.4	6.9	9.0	2.7	3.5	2.4
31	3.7	---	6.4	5.7	---	7.4	---	5.8	---	2.7	3.6	---
TOTAL	94.6	137.8	178.4	238.0	227.4	190.4	202.0	153.7	288.4	215.9	239.6	111.7
MEAN	3.05	4.59	5.75	7.68	7.84	6.14	6.73	4.96	9.61	6.96	7.73	3.72
MAX	6.7	13	24	24	26	14	24	7.8	26	25	41	11
MIN	1.9	3.6	3.6	4.1	3.8	3.6	3.8	2.8	3.2	2.0	2.1	2.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	MEAN	6.00	6.95	7.37	9.49	12.0	12.2	9.59	7.86	6.30	6.35	7.55	6.20
MAX	17.3	12.3	13.3	20.7	32.4	24.2	21.3	25.5	13.5	14.8	23.7	15.7	
(WY)	1991	1980	1977	1987	1973	1973	1984	1984	1973	1991	1991	1979	
MIN	2.73	3.82	2.89	3.74	3.51	2.45	3.78	2.45	2.80	2.16	2.61	2.41	
(WY)	1986	1985	1989	1989	1989	1990	1990	1985	1990	1980	1989	1985	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	3947.0	2277.9	
ANNUAL MEAN	10.8	6.22	
HIGHEST ANNUAL MEAN			7.92
LOWEST ANNUAL MEAN			12.7
HIGHEST DAILY MEAN	113	Aug 1	1991
LOWEST DAILY MEAN	1.9	Oct 6	1985
INSTANTANEOUS PEAK FLOW			4.44
INSTANTANEOUS PEAK STAGE			155
10 PERCENT EXCEEDS	21	Aug 13	Aug 22 1990
50 PERCENT EXCEEDS	7.8	1.9	Oct 6
90 PERCENT EXCEEDS	3.6	Unknown	Nov 18 1974
		4.69	Aug 1 1991
		11	Aug 1 1991
		4.8	Aug 1 1991
		2.7	Aug 1 1991
			6.70
			15
			6.2
			3.2

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. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except estimated daily discharges, Dec. 19, Aug. 7 - 25, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	2.1	1.2	1.4	1.1	1.0	1.5	.96	1.4	2.7	1.4	1.4
2	1.3	2.1	1.3	1.4	1.0	1.1	1.5	1.1	1.6	5.1	1.5	1.3
3	.74	1.3	2.2	1.7	1.1	.95	1.3	1.1	3.6	2.3	.76	1.3
4	.68	1.7	1.2	1.3	1.1	1.2	1.4	1.2	1.9	1.3	.72	1.3
5	.77	1.4	1.4	1.4	1.6	1.3	1.3	1.4	2.1	1.2	2.2	2.0
6	.64	1.1	1.3	1.2	1.8	3.5	1.5	1.6	2.4	1.7	.96	2.9
7	.73	1.2	1.2	1.2	1.7	1.4	1.8	1.2	1.3	1.1	1.3	1.2
8	1.1	1.5	1.1	1.3	1.8	1.8	1.3	1.4	9.0	1.1	.95	1.4
9	1.2	3.7	1.5	1.3	1.6	1.4	1.8	1.2	2.1	1.1	.94	1.3
10	1.0	1.8	1.6	1.0	1.5	1.5	1.7	1.4	2.8	1.5	1.0	1.8
11	.81	1.6	1.6	1.0	1.6	2.0	2.6	1.2	3.3	1.5	.90	1.4
12	.75	1.6	1.7	1.1	1.6	2.0	2.6	1.2	4.2	1.6	1.1	1.4
13	.96	1.4	1.8	6.2	1.4	1.2	2.1	1.2	1.8	1.3	3.5	1.2
14	1.1	1.4	1.6	2.0	1.3	1.2	1.5	1.4	2.3	1.4	2.2	2.0
15	1.5	1.4	1.2	1.8	1.7	.96	1.5	1.5	4.1	1.7	1.1	1.8
16	1.4	1.1	1.5	2.1	1.1	1.1	1.5	1.8	2.4	2.0	1.7	1.9
17	1.5	1.3	1.3	1.3	3.5	1.1	1.6	1.6	3.3	3.2	1.1	1.7
18	.98	1.5	1.3	1.8	2.1	1.4	1.7	2.1	2.1	5.8	1.0	1.8
19	.96	1.4	1.4	2.9	2.2	2.3	1.5	2.4	1.1	1.7	3.2	1.6
20	1.1	1.4	1.3	1.1	1.2	1.3	2.3	1.7	1.1	1.7	1.8	1.5
21	1.2	1.8	1.1	1.2	1.3	1.3	8.8	1.4	1.1	1.7	1.3	1.7
22	1.4	1.6	1.1	1.4	1.3	1.2	2.2	1.5	1.2	2.9	1.1	1.4
23	2.1	1.2	1.4	3.5	7.0	1.3	3.4	1.2	1.2	6.6	1.0	1.7
24	1.7	1.0	1.2	1.6	1.5	1.2	2.5	1.9	1.2	1.8	1.3	2.3
25	1.5	1.9	1.3	1.4	3.6	2.9	1.1	1.9	.92	1.7	2.1	1.9
26	1.1	2.1	1.5	2.0	2.5	2.4	1.4	1.6	.97	1.6	2.2	1.6
27	1.1	1.3	2.2	2.1	3.4	2.0	1.0	1.6	2.9	1.6	1.4	1.6
28	1.2	1.5	8.5	2.0	1.9	1.2	.98	1.5	1.2	1.6	1.2	1.9
29	1.5	1.3	1.5	1.3	1.7	1.5	1.1	1.7	4.2	1.7	1.3	2.0
30	1.1	1.3	1.8	1.3	---	2.2	1.1	1.6	2.0	1.6	1.3	1.6
31	1.2	---	2.1	1.2	---	1.9	---	1.3	---	1.6	1.4	---
TOTAL	35.52	47.0	52.4	53.5	56.2	48.81	57.58	45.86	70.79	65.4	44.93	49.9
MEAN	1.15	1.57	1.69	1.73	1.94	1.57	1.92	1.48	2.36	2.11	1.45	1.66
MAX	2.1	3.7	8.5	6.2	7.0	3.5	8.8	2.4	9.0	6.6	3.5	2.9
MIN	.64	1.0	1.1	1.0	1.0	.95	.98	.96	.92	1.1	.72	1.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	MEAN	2.77	2.65	2.73	2.90	3.13	2.81	2.62	2.60	2.83	2.69	2.65	2.52
MAX	4.66	3.79	4.06	4.07	4.68	4.06	3.55	4.28	4.29	4.16	4.84	4.24	
(WY)	1991	1983	1990	1986	1985	1989	1989	1984	1984	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 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1973 - 1992
ANNUAL TOTAL	865.03	627.89	
ANNUAL MEAN	2.37	1.72	2.78
HIGHEST ANNUAL MEAN			3.74
LOWEST ANNUAL MEAN			1.72
HIGHEST DAILY MEAN	21	Aug 1	48
LOWEST DAILY MEAN	.64	Oct 6	.46
INSTANTANEOUS PEAK FLOW			410
INSTANTANEOUS PEAK STAGE			8.07
10 PERCENT EXCEEDS	3.6	2.4	4.0
50 PERCENT EXCEEDS	2.0	1.5	2.4
90 PERCENT EXCEEDS	1.1	1.1	1.7

SAVANNAH RIVER BASIN

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'29'', long 81°40'06'', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRS Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--0.57 mi².

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

GAGE.--Data collection platform. Elevation of gage is 194 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to Oct. 23, 1990, at datum 1.0 ft higher.

REMARKS.--Estimated daily discharges, Jan. 20, Apr. 21, July 8 - 12, Aug. 27 - 31. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	1.9	1.3	2.1	1.3	1.8	2.0	1.8	1.8	2.3	1.3	1.8
2	1.7	1.9	1.4	2.1	1.2	1.8	2.0	2.0	1.9	3.3	1.4	1.7
3	1.3	1.6	1.9	2.2	1.2	1.7	1.9	2.0	2.8	2.2	1.1	1.8
4	1.1	1.7	1.5	1.9	1.2	1.8	1.9	2.0	2.3	1.8	1.1	1.9
5	1.2	1.6	1.6	1.9	1.5	2.0	1.8	2.1	2.2	1.6	1.7	2.4
6	1.0	1.4	1.6	1.7	1.6	3.1	1.9	2.3	2.4	1.9	1.3	2.8
7	1.1	1.5	1.5	1.7	1.4	2.0	2.1	2.0	1.9	1.5	1.6	2.1
8	1.4	1.6	1.5	1.7	1.4	2.2	1.7	2.3	4.8	1.5	1.3	2.0
9	1.6	2.6	1.7	1.7	1.3	1.9	1.9	2.1	2.5	1.5	1.2	1.9
10	1.5	1.9	1.8	1.4	1.2	2.0	1.9	2.1	2.5	1.7	1.1	2.1
11	1.2	1.7	1.9	1.3	1.3	2.2	2.4	2.1	2.7	1.7	1.1	2.0
12	1.1	1.7	2.0	1.3	1.2	2.2	2.4	2.1	3.1	1.9	1.3	2.0
13	1.3	1.6	2.1	3.6	1.1	1.9	2.2	2.1	2.2	1.5	4.6	1.9
14	1.4	1.6	2.0	2.6	1.1	1.8	1.9	2.1	2.4	1.6	2.5	2.2
15	1.6	1.6	1.9	1.9	1.3	1.7	1.8	2.2	3.2	1.7	1.3	2.3
16	1.6	1.4	2.1	2.0	.98	1.8	1.8	2.4	2.4	1.9	1.9	2.3
17	1.7	1.5	2.0	1.6	2.4	1.9	1.9	2.3	2.7	2.4	1.4	2.2
18	1.3	1.6	2.0	1.7	1.5	2.0	2.0	2.4	2.2	3.4	1.4	2.3
19	1.3	1.5	2.0	2.4	1.6	2.5	1.8	2.7	1.6	2.0	3.9	2.1
20	1.4	1.5	2.0	1.5	1.2	2.0	2.4	2.4	1.7	1.9	2.1	2.0
21	1.5	1.8	1.8	1.5	1.2	1.9	3.6	2.1	1.7	1.8	1.6	2.2
22	1.5	1.8	1.7	1.5	1.1	1.8	2.6	2.1	1.7	2.2	1.5	2.0
23	1.9	1.6	1.9	2.7	4.3	1.9	3.2	1.8	1.7	4.0	1.5	2.2
24	1.7	1.4	1.9	1.6	1.5	1.7	2.7	2.2	1.6	2.1	1.6	2.6
25	1.6	1.8	1.9	1.5	2.8	2.6	2.0	2.2	1.4	1.9	2.2	2.5
26	1.5	1.9	2.0	1.8	2.5	2.5	2.1	2.0	1.4	1.8	2.1	2.3
27	1.5	1.5	2.3	1.8	3.1	2.2	1.9	2.1	2.2	1.9	1.7	2.3
28	1.6	1.6	5.7	1.7	2.4	1.9	1.9	1.9	1.6	1.7	1.6	2.4
29	1.8	1.4	2.5	1.4	2.2	2.0	1.9	2.0	2.8	1.4	1.4	2.4
30	1.5	1.4	2.4	1.4	---	2.4	1.9	2.0	2.1	1.4	1.6	2.2
31	1.6	---	2.5	1.4	---	2.3	---	1.8	---	1.4	1.8	---
TOTAL	45.2	49.6	62.4	56.6	48.08	63.5	63.5	65.7	67.5	60.9	53.2	64.9
MEAN	1.46	1.65	2.01	1.83	1.66	2.05	2.12	2.12	2.25	1.96	1.72	2.16
MAX	1.9	2.6	5.7	3.6	4.3	3.1	3.6	2.7	4.8	4.0	4.6	2.8
MIN	1.0	1.4	1.3	1.3	.98	1.7	1.7	1.8	1.4	1.4	1.1	1.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1992, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	3.23	3.22	3.39	3.46	3.59	3.25	3.14	2.92	3.19	2.94	3.07	2.89	
MAX	4.84	4.87	4.47	4.62	5.00	4.26	5.38	5.79	4.77	4.71	5.30	4.79	
(WY)	1981	1984	1985	1986	1985	1983	1984	1984	1985	1984	1984	1989	
MIN	1.46	1.65	2.01	1.83	1.66	2.05	2.12	2.12	1.73	1.46	1.62	.93	
(WY)	1992	1992	1992	1992	1992	1992	1992	1980	1980	1990	1980	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1980 - 1992

ANNUAL TOTAL	922.6	701.08	
ANNUAL MEAN	2.53	1.92	
HIGHEST ANNUAL MEAN			3.23
LOWEST ANNUAL MEAN			4.63
HIGHEST DAILY MEAN	12	Aug 1	1984
LOWEST DAILY MEAN	1.0	Oct 6	1992
INSTANTANEOUS PEAK FLOW		5.7	Dec 28
INSTANTANEOUS PEAK STAGE		.98	Feb 16
10 PERCENT EXCEEDS	3.6	2.5	Unknown
50 PERCENT EXCEEDS	2.3	1.9	Aug 19
90 PERCENT EXCEEDS	1.5	1.3	Aug 19
			4.90
			4.7
			2.9
			1.8

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. Elevation of gage is 193 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Jan. 20, May 21 - 24, June 2, 8 - 10, 22, 28, July 13 - 16, Aug. 11, 12, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.8	7.0	5.3	6.6	6.9	9.6	9.5	6.9	6.0	11	5.7	6.0
2	10	7.8	5.5	6.5	6.3	8.9	7.5	6.4	7.0	24	5.0	6.0
3	5.7	5.9	9.1	9.2	6.3	8.5	6.7	6.1	14	15	4.2	6.3
4	5.0	6.3	8.9	6.9	6.4	8.1	6.6	5.7	21	9.0	4.5	6.5
5	4.8	6.5	6.1	6.3	9.9	8.0	6.3	5.3	11	6.2	6.4	12
6	4.7	6.0	5.7	5.9	8.1	17	6.6	7.4	7.8	5.7	9.3	18
7	4.7	6.3	5.6	5.6	7.2	14	7.7	8.8	5.0	5.2	9.3	16
8	4.9	8.9	5.5	5.5	7.3	9.4	6.9	10	17	4.1	5.5	10
9	5.6	12	5.5	5.7	6.9	7.8	6.4	8.5	30	3.9	5.0	7.6
10	5.2	17	5.6	5.2	6.7	7.9	6.8	7.2	15	3.3	4.8	7.8
11	4.7	8.3	5.4	5.2	6.4	8.8	13	6.3	12	3.2	4.5	11
12	4.5	7.7	5.1	5.3	6.6	8.1	14	5.9	24	3.2	6.3	8.2
13	4.4	6.9	5.3	22	7.1	7.4	8.9	6.0	14	3.0	46	7.8
14	4.4	6.4	5.5	26	7.2	7.2	6.4	6.7	17	3.0	28	7.6
15	4.9	8.1	5.0	10	9.1	6.9	6.3	6.4	22	3.2	16	7.7
16	5.5	6.1	4.9	9.0	9.1	6.3	6.5	6.6	21	3.3	14	6.7
17	5.0	6.4	4.7	6.8	17	7.2	6.0	6.3	18	6.9	9.1	6.4
18	4.5	6.5	5.1	7.0	14	10	7.1	6.6	11	26	8.7	6.8
19	4.2	6.6	5.0	21	12	12	6.3	7.8	6.8	22	27	7.0
20	4.2	7.2	5.2	11	8.4	9.5	14	5.8	7.2	9.6	42	6.9
21	4.6	8.3	5.0	8.7	8.0	7.4	29	5.5	6.5	6.9	17	7.0
22	4.5	7.3	5.1	8.2	7.6	7.5	28	6.4	5.9	7.7	14	6.5
23	5.5	6.4	5.8	22	36	8.4	17	6.0	5.7	26	12	7.9
24	5.7	5.6	6.3	12	21	7.8	13	6.5	5.1	30	9.6	12
25	6.8	5.9	5.6	8.7	20	10	8.6	7.0	4.4	12	11	9.8
26	8.3	6.3	5.3	8.5	21	18	8.2	9.4	4.3	8.9	10	8.3
27	5.7	5.8	6.5	8.5	13	9.7	7.7	7.4	7.7	6.2	7.7	7.1
28	5.4	5.6	27	8.1	12	8.3	7.2	6.6	8.7	6.2	8.5	7.6
29	5.5	5.4	23	7.4	10	7.7	7.5	7.5	11	5.9	7.4	7.0
30	5.9	5.6	10	7.7	---	9.3	7.1	9.0	19	5.1	7.2	6.0
31	6.0	---	8.5	7.7	---	11	---	7.8	---	5.2	7.3	---
TOTAL	166.6	216.1	222.1	294.2	317.5	287.7	292.8	215.8	365.1	290.9	373.0	251.5
MEAN	5.37	7.20	7.16	9.49	10.9	9.28	9.76	6.96	12.2	9.38	12.0	8.38
MAX	10	17	27	26	36	18	29	10	30	30	46	18
MIN	4.2	5.4	4.7	5.2	6.3	6.3	6.0	5.3	4.3	3.0	4.2	6.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	MEAN	11.2	11.9	14.1	15.8	17.4	14.4	11.1	10.2	10.7	11.5	10.1
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	5.37	6.81	5.53	7.17	7.98	8.37	7.00	5.28	3.79	6.05	5.68	4.39
(WY)	1992	1975	1979	1979	1989	1990	1990	1990	1990	1980	1980	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	4835.7	3293.3	12.4
ANNUAL MEAN	13.2	9.00	18.6
HIGHEST ANNUAL MEAN			9.00
LOWEST ANNUAL MEAN			1984
HIGHEST DAILY MEAN	124	Aug 13	186
LOWEST DAILY MEAN	4.2	Jun 26	2.5
INSTANTANEOUS PEAK FLOW			Aug 22 1990
INSTANTANEOUS PEAK STAGE			Jul 1 1990
10 PERCENT EXCEEDS	23	135	Unknown
50 PERCENT EXCEEDS	10	4.54	Aug 2 1991
90 PERCENT EXCEEDS	5.3	7.1	Aug 2 1991
		5.0	6.1

SAVANNAH RIVER BASIN

021973405 C-001 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°15'13'', long 81°40'53'', Barnwell County, Hydrologic Unit 03060106, near right bank, on upstream side of culvert, 10 ft east of dirt road SRS A-6, 1000 ft northwest of C-Area, 0.6 mi upstream of Fourmile Creek, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 245 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to October 1, 1990, at same site at datum 1.00 ft lower.

REMARKS.--Estimated daily discharges, Dec. 28, Jan. 13, 23, Feb. 17, 23, 25, Apr. 21, June 3, 8, 14, 15, July 17, 18, 23, Aug. 13, 14, 15, 19, Sept. 6. Records poor. Flow completely regulated by Savannah River Site.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.03	.00	.05	.05	.05	.04	.05	.04	.04
2	.00	.00	.00	.03	.00	.05	.05	.05	.04	.09	.03	.04
3	.00	.00	.03	.04	.00	.05	.05	.05	.08	.05	.03	.04
4	.00	.00	.01	.03	.02	.05	.05	.05	.05	.04	.03	.04
5	.00	.00	.00	.03	.04	.05	.05	.05	.04	.04	.05	.06
6	.00	.00	.00	.03	.05	.08	.05	.06	.04	.04	.05	.07
7	.00	.00	.00	.03	.05	.05	.05	.05	.04	.04	.05	.05
8	.00	.00	.00	.03	.05	.05	.05	.06	.08	.04	.04	.05
9	.00	.05	.00	.03	.05	.05	.05	.05	.06	.04	.04	.04
10	.00	.03	.00	.03	.05	.05	.05	.05	.05	.04	.04	.05
11	.00	.00	.00	.00	.05	.05	.06	.05	.06	.05	.03	.06
12	.00	.00	.00	.00	.05	.05	.05	.05	.07	.05	.04	.05
13	.00	.00	.00	.10	.05	.05	.05	.05	.05	.05	.12	.05
14	.00	.00	.00	.07	.05	.05	.05	.05	.07	.04	.06	.04
15	.00	.00	.00	.03	.05	.05	.05	.05	.07	.04	.04	.04
16	.00	.00	.00	.01	.05	.05	.05	.05	.06	.05	.04	.04
17	.00	.00	.00	.00	.07	.05	.05	.05	.05	.08	.05	.04
18	.00	.00	.00	.01	.05	.05	.05	.05	.05	.13	.05	.04
19	.00	.00	.00	.09	.05	.06	.05	.05	.05	.07	.10	.04
20	.00	.00	.00	.04	.05	.05	.05	.05	.05	.05	.07	.04
21	.00	.01	.00	.03	.05	.05	.09	.05	.05	.05	.06	.04
22	.00	.02	.00	.01	.05	.05	.05	.05	.05	.05	.06	.04
23	.01	.01	.00	.06	.11	.05	.05	.05	.05	.09	.06	.04
24	.00	.01	.02	.02	.05	.05	.05	.05	.04	.06	.05	.05
25	.01	.00	.01	.00	.07	.08	.05	.05	.04	.05	.05	.05
26	.00	.00	.02	.00	.06	.06	.05	.05	.04	.05	.05	.04
27	.00	.00	.02	.00	.05	.05	.05	.05	.05	.05	.05	.04
28	.00	.00	.08	.00	.05	.05	.05	.05	.04	.04	.05	.03
29	.00	.00	.05	.00	.05	.05	.05	.05	.04	.04	.04	.02
30	.00	.00	.04	.00	---	.05	.05	.05	.04	.04	.04	.02
31	.00	---	.03	.00	---	.05	---	.05	---	.04	.04	---
TOTAL	0.02	0.13	0.31	0.78	1.37	1.63	1.55	1.57	1.54	1.64	1.55	1.29
MEAN	.001	.004	.010	.025	.047	.053	.052	.051	.051	.053	.050	.043
MAX	.01	.05	.08	.10	.11	.08	.09	.06	.08	.13	.12	.07
MIN	.00	.00	.00	.00	.00	.05	.05	.05	.04	.04	.03	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

MEAN	.18	.21	.19	.27	.23	.19	.26	.26	.27	.21	.20	.19
MAX	.72	.86	.87	.86	.81	.75	.92	.91	1.06	1.03	1.10	1.09
(WY)	1985	1985	1985	1984	1985	1985	1984	1985	1984	1984	1984	1984
MIN	.001	.004	.010	.012	.016	.011	.011	.012	.011	.015	.017	.013
(WY)	1992	1992	1992	1989	1990	1990	1990	1990	1990	1990	1989	1991

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1984 - 1992
ANNUAL TOTAL	10.93	13.38	
ANNUAL MEAN	.030	.037	.16
HIGHEST ANNUAL MEAN			.68
LOWEST ANNUAL MEAN			.016
HIGHEST DAILY MEAN	1.2 Aug 1	.13 Jul 18	2.1 Feb 5 1985
LOWEST DAILY MEAN	.00 Jul 1	.00 *Oct 1	**0.00 Jul 29 1988
INSTANTANEOUS PEAK FLOW		Unknown	Unknown Oct 22 1990
INSTANTANEOUS PEAK STAGE		5.14 Jul 18	5.36 Oct 22 1990
10 PERCENT EXCEEDS	.05	.06	.84
50 PERCENT EXCEEDS	.02	.05	.06
90 PERCENT EXCEEDS	.00	.00	.01

* Also occurred many days during the year.

** Also occurred on July 30, 1988, Jan. 2, 20 - 23, 1989, and many days in 1991.

SAVANNAH RIVER BASIN

02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'40'', long 81°41'45'', Barnwell County, Hydrologic Unit 03060106, on right upstream end of concrete culvert pipe on Four Mile Creek at SRS Road A-7, 1.0 mi southwest of Area C, at Savannah River Site.

DRAINAGE AREA.--12.5 mi².

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Elevation of gage is 155 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Feb. 3 - 10, May 5 - 7, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	13	12	15	15	18	18	11	10	17	10	10
2	16	15	13	14	14	17	15	10	11	34	8.7	9.3
3	14	12	16	18	15	17	14	9.7	15	34	7.7	9.6
4	11	12	22	16	17	16	14	9.4	47	18	6.9	9.6
5	11	13	14	14	20	16	13	13	17	13	7.2	15
6	10	12	13	14	18	28	13	16	14	11	15	23
7	9.6	13	13	13	16	34	15	19	9.6	11	13	29
8	10	15	13	13	14	19	15	17	13	9.4	11	16
9	11	19	13	13	14	17	13	14	84	8.5	7.8	13
10	12	37	13	13	13	16	13	12	24	7.4	7.1	12
11	11	18	13	12	13	17	17	10	19	6.7	6.5	17
12	10	15	13	12	14	17	28	9.4	30	7.1	6.8	14
13	9.4	15	13	40	14	15	17	9.8	32	7.1	73	12
14	10	14	13	66	14	15	13	11	25	6.3	66	10
15	11	15	13	21	17	15	12	9.6	24	6.1	30	11
16	12	14	12	18	19	14	12	9.6	43	6.2	24	9.5
17	11	13	12	16	24	13	11	9.6	28	9.2	17	9.3
18	10	13	12	15	36	19	11	9.2	19	53	15	9.0
19	10	13	12	39	21	22	12	11	14	80	23	9.2
20	9.8	14	12	27	16	21	18	9.6	12	19	196	9.2
21	10	15	12	18	15	16	30	8.2	12	14	31	8.8
22	10	15	13	17	15	15	83	8.7	11	12	23	8.8
23	11	14	13	42	67	17	22	8.2	10	27	20	8.4
24	13	13	16	27	50	15	17	7.5	9.3	89	16	15
25	12	12	13	18	29	17	13	9.0	8.8	22	16	14
26	18	13	13	17	47	39	12	14	8.2	16	17	12
27	13	13	14	17	24	20	11	12	9.2	12	14	11
28	12	12	33	17	21	16	12	11	18	12	15	11
29	12	12	84	16	19	15	11	12	12	10	12	9.9
30	12	13	21	16	---	17	11	14	31	9.1	11	8.7
31	12	---	17	16	---	19	---	14	---	8.6	11	---
TOTAL	355.8	437	516	630	631	572	516	348.5	620.1	595.7	737.7	364.3
MEAN	11.5	14.6	16.6	20.3	21.8	18.5	17.2	11.2	20.7	19.2	23.8	12.1
MAX	18	37	84	66	67	39	83	19	84	89	196	29
MIN	9.4	12	12	12	13	13	11	7.5	8.2	6.1	6.5	8.4
CFSM	.92	1.17	1.33	1.63	1.74	1.48	1.38	.90	1.65	1.54	1.90	.97
IN.	1.06	1.30	1.54	1.87	1.88	1.70	1.54	1.04	1.85	1.77	2.20	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	MEAN	14.5	14.5	17.0	20.7	23.8	25.1	20.3	15.6	14.8	15.4	17.7	12.8
MAX	68.0	26.0	24.6	38.4	45.3	44.6	38.1	43.2	37.1	48.9	75.7	17.7	17.7
(WY)	1991	1980	1977	1978	1973	1980	1984	1984	1973	1991	1991	1991	1991
MIN	7.83	9.68	10.3	11.9	11.6	12.6	10.3	8.03	5.80	6.97	7.65	6.66	6.66
(WY)	1979	1982	1989	1989	1989	1990	1990	1990	1990	1986	1980	1990	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	10187.3	6324.1	
ANNUAL MEAN	27.9	17.3	17.4
HIGHEST ANNUAL MEAN			32.7
LOWEST ANNUAL MEAN			12.4
HIGHEST DAILY MEAN	830	196	830
LOWEST DAILY MEAN	7.9	6.1	2.7
INSTANTANEOUS PEAK FLOW		465	.00
INSTANTANEOUS PEAK STAGE		4.55	6.89
10 PERCENT EXCEEDS	42	27	29
50 PERCENT EXCEEDS	17	13	14
90 PERCENT EXCEEDS	10	9.3	8.0

SAVANNAH RIVER BASIN

021973424 C-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'47'', long 81°40'27'', Barnwell County, Hydrologic Unit 03060106, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C-Area, 0.5 mi north of SRS Road 3, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Nov. 2 - 11, Dec. 17, 18, 28, Jan. 13, 14, 20, 23, Feb. 17, 19 - 21, 23, 25, 26, Mar. 2, 3, Apr. 21, May 1 - 4, June 3, 8, 14, Aug. 12 - 14, 19. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.70	.90	.74	.74	.73	.53	1.0	.61	.74	.90	.61	.80
2	.71	.80	.74	.74	.74	.52	.50	.61	1.3	1.5	.61	.74
3	.72	.74	.91	.79	.74	1.0	.50	.61	1.7	1.2	.61	.74
4	.72	.88	.97	.74	1.7	1.0	.48	.61	.91	1.0	1.0	.74
5	.83	.71	.73	.68	1.2	.50	.50	1.5	.75	.89	1.2	.93
6	.82	.70	.74	.62	.55	.90	.47	1.2	.67	.74	1.1	.91
7	.70	.71	.74	1.3	.55	.50	1.3	.66	.69	.67	1.1	.83
8	.66	.71	.74	.74	.55	.49	1.0	.74	1.4	.61	.87	.84
9	.67	.69	1.6	.74	.55	1.4	.55	.60	.92	.61	.74	.74
10	.73	.71	1.6	.74	.55	1.1	.52	.61	.74	.61	.74	.74
11	.73	.70	.70	.74	1.5	.52	.57	.61	.83	.61	.83	.88
12	.78	.69	.74	.74	1.2	.50	.55	1.5	1.2	.61	.90	.73
13	.75	.69	.74	1.6	.56	.50	.52	1.2	.81	.61	1.7	.74
14	.67	.70	.74	1.9	.59	.51	1.3	.66	1.2	.64	1.0	.73
15	.68	.71	.74	1.3	.75	.53	1.0	.61	.78	.61	.87	1.0
16	.64	.74	.70	2.0	.71	.48	.55	.61	1.1	.61	.74	.74
17	.61	.74	.72	2.2	1.1	.45	.55	.58	.88	.70	.72	.74
18	.78	.70	1.5	2.2	1.6	1.3	.51	.60	.78	.89	.83	.74
19	.62	.74	2.2	2.8	1.2	1.1	.50	1.5	.66	.69	1.5	.73
20	.61	.73	1.5	2.2	.50	.55	.51	1.5	.60	.65	.84	.74
21	.77	.96	.74	1.5	.50	.49	1.0	.74	.61	.61	.61	.74
22	.82	.73	.74	.70	.50	.45	1.5	.74	.61	.63	.60	1.1
23	.77	.74	.97	1.0	1.4	.50	1.1	.72	.66	.89	.66	.79
24	.66	.74	.74	.74	.57	1.3	.61	.74	.74	1.1	.74	.78
25	.61	.74	.74	.74	1.4	1.4	.57	.75	.80	.73	.74	.74
26	.61	.66	.74	.72	1.0	.65	.55	.81	.74	.61	.74	.74
27	.68	.65	.74	.74	.55	.52	.55	.74	.87	.61	.91	.73
28	.75	.74	1.9	1.6	.55	.47	1.4	.74	1.0	.61	.74	.74
29	.80	.74	.87	1.3	.55	.45	1.1	.74	.91	.61	.74	.79
30	.90	.73	1.6	.74	---	.49	.61	.79	.94	.61	.73	.74
31	.90	---	1.3	.72	---	1.4	---	.74	---	.61	.74	---
TOTAL	22.40	22.12	30.87	36.01	24.59	22.50	22.37	25.37	26.54	22.97	26.46	23.67
MEAN	.72	.74	1.00	1.16	.85	.73	.75	.82	.88	.74	.85	.79
MAX	.90	.96	2.2	2.8	1.7	1.4	1.5	1.5	1.7	1.5	1.7	1.1
MIN	.61	.65	.70	.62	.50	.45	.47	.58	.60	.61	.60	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

MEAN	.61	.65	.75	.86	.71	.78	.83	.77	.74	.65	.69	.72
MAX	1.04	1.35	1.83	1.81	1.72	1.82	1.69	1.35	1.48	1.21	1.23	1.36
(WY)	1985	1985	1985	1985	1985	1985	1984	1985	1985	1984	1984	1984
MIN	.36	.44	.41	.37	.39	.42	.49	.39	.38	.47	.48	.48
(WY)	1989	1989	1989	1989	1989	1989	1989	1987	1987	1987	1987	1985

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	241.64	305.87	
ANNUAL MEAN	.66	.84	
HIGHEST ANNUAL MEAN			.68
LOWEST ANNUAL MEAN			1.26
HIGHEST DAILY MEAN	3.0	2.8	.50
LOWEST DAILY MEAN	.27	.45	3.5
INSTANTANEOUS PEAK FLOW	Aug 1	Jan 19	Feb 5 1985
INSTANTANEOUS PEAK STAGE	Feb 24	Mar 17	**Sep 29 1988
10 PERCENT EXCEEDS	.90	Unknown *Dec 28	Unknown Oct 22 1990
50 PERCENT EXCEEDS	.56	1.74 *Dec 28	2.72 Oct 22 1990
90 PERCENT EXCEEDS	.48	1.3	1.4
		.74	.55
		.55	.39

* Also occurred on Aug. 12.

** Also occurred on Sept. 30, 1988, Oct. 1, 2, 1988.

SAVANNAH RIVER BASIN

021973426 C-004 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°40'25'', Barnwell County, Hydrologic Unit 03060106, near left bank 100 ft downstream from SRS Road 3, 0.5 mi south of C-Area, 0.6 mi west of junction of SRS Roads 3 and 5 at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to December 1988, January 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 6, 7, 23 - 30, Apr. 21 to May 4, 23. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	11	8.4	7.6	5.9	4.9	4.5	4.5	6.1	5.8	24	18
2	16	11	8.4	7.5	5.8	4.7	4.4	4.9	6.0	6.0	25	18
3	15	10	8.1	7.1	5.8	4.5	4.3	5.4	6.6	6.4	26	18
4	12	10	8.0	6.9	5.8	4.5	4.3	5.6	7.9	6.4	25	18
5	11	10	8.0	6.9	5.7	4.5	4.3	5.6	8.2	6.6	25	18
6	11	10	8.0	6.9	5.6	4.5	4.3	5.6	8.1	6.6	27	17
7	10	10	8.0	7.1	5.6	4.5	4.3	5.6	7.7	6.9	27	16
8	10	10	8.0	7.1	5.5	4.5	4.3	5.5	12	6.9	27	16
9	11	9.8	7.8	6.9	5.5	4.3	4.3	5.5	32	7.8	29	16
10	10	9.7	7.6	6.9	5.5	4.3	4.3	5.6	14	8.8	30	16
11	10	9.7	7.6	6.9	5.5	4.3	4.3	5.6	8.4	9.8	30	16
12	10	9.7	7.6	6.9	5.5	4.3	4.2	5.7	7.2	10	31	16
13	9.7	9.7	7.6	7.9	5.4	4.3	4.2	5.8	6.3	10	35	15
14	10	9.7	7.6	9.8	5.3	4.3	4.1	5.7	6.1	11	31	15
15	10	9.4	7.4	7.3	5.2	4.2	4.3	5.6	5.9	11	23	15
16	9.9	9.2	7.5	6.9	5.1	4.2	4.3	5.6	5.6	12	24	15
17	10	9.2	7.6	6.9	5.8	4.2	4.3	5.7	5.6	17	25	15
18	10	9.2	7.6	6.9	5.2	4.2	4.3	6.0	5.4	45	25	15
19	10	9.2	7.6	8.0	5.1	4.2	4.3	6.0	5.4	8.3	52	14
20	11	9.2	7.6	7.4	4.9	4.2	4.2	6.2	5.4	7.4	39	13
21	11	8.9	7.4	6.9	4.8	4.1	4.4	6.2	5.4	7.6	25	13
22	11	8.8	7.3	6.4	4.8	4.1	5.0	6.2	5.4	8.1	23	13
23	11	8.8	7.3	8.1	7.8	4.1	4.5	6.2	5.2	22	22	13
24	11	8.8	7.3	6.5	5.2	4.2	4.2	6.2	5.3	16	21	13
25	11	8.8	7.3	6.4	5.1	4.2	4.3	6.2	5.3	18	20	13
26	11	8.8	7.3	6.2	5.0	4.8	4.2	6.1	5.5	51	20	12
27	11	8.5	7.1	6.0	5.0	4.6	4.1	6.3	5.5	46	20	12
28	10	8.4	11	6.0	5.0	4.6	4.2	6.4	5.6	23	20	12
29	10	8.4	8.2	6.0	5.0	4.5	4.2	6.4	5.6	23	20	12
30	10	8.4	7.6	6.0	---	4.5	4.2	6.3	5.7	25	20	15
31	11	---	7.6	6.0	---	4.5	---	6.2	---	24	18	---
TOTAL	341.6	282.3	241.4	216.3	157.4	135.8	129.1	180.4	224.4	473.4	809	448
MEAN	11.0	9.41	7.79	6.98	5.43	4.38	4.30	5.82	7.48	15.3	26.1	14.9
MAX	17	11	11	9.8	7.8	4.9	5.0	6.4	32	51	52	18
MIN	9.7	8.4	7.1	6.0	4.8	4.1	4.1	4.5	5.2	5.8	18	12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	MEAN	42.8	54.8	66.4	114	65.8	67.8	94.7	94.5	88.9	62.3	61.5	56.1
MAX	232	356	393	407	399	366	400	399	378	381	382	382	382
(WY)	1985	1985	1985	1985	1985	1985	1985	1985	1984	1984	1984	1984	1984
MIN	5.78	6.39	6.84	6.98	4.78	4.38	.80	.027	.17	2.21	.002	1.61	1.61
(WY)	1989	1989	1988	1992	1989	1992	1987	1987	1987	1987	1987	1987	1987

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	6697.6	3639.1	52.5
ANNUAL MEAN	18.3	9.94	287
HIGHEST ANNUAL MEAN			6.47
LOWEST ANNUAL MEAN			439
HIGHEST DAILY MEAN	129	Jun 30	52
LOWEST DAILY MEAN	6.0	Jun 22	4.1
INSTANTANEOUS PEAK FLOW			4.1
INSTANTANEOUS PEAK STAGE			271
10 PERCENT EXCEEDS	54		4.49
50 PERCENT EXCEEDS	10		Jul 18
90 PERCENT EXCEEDS	8.0		Jul 18

* Also occurred on Mar. 22, 23, Apr. 14, 27.

** No flow many days in Apr. - Sept. 1987.

SAVANNAH RIVER BASIN

021973426 C-004 AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 72.3°C, Aug. 19, 21, 1984; minimum, 3.0°C, Dec. 24, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.5°C, July 28 - 31, Aug. 1; minimum, 7.0°C, Jan. 17, 25, Feb. 9.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

021973426 C-004 AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

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

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 National Geodetic Vertical Datum of 1929 (from topographic map). Prior to Oct. 1, 1990 at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	31	31	35	33	35	35	25	24	38	32	39
2	33	32	31	33	31	34	32	25	22	75	32	37
3	36	31	36	39	31	34	30	24	32	90	31	36
4	30	30	48	37	31	34	30	23	71	43	29	37
5	30	31	33	33	34	33	29	23	38	31	29	51
6	30	31	31	32	39	50	30	26	26	28	38	58
7	28	31	31	31	35	69	31	31	23	28	39	74
8	28	32	31	31	32	40	33	34	28	26	37	57
9	28	43	31	31	31	35	29	29	127	31	33	46
10	30	75	32	31	31	34	29	25	53	30	32	41
11	29	48	30	30	30	34	31	24	35	30	31	47
12	28	34	30	30	31	34	47	23	56	29	30	60
13	27	33	31	63	30	32	35	24	61	31	116	41
14	27	32	31	135	31	32	30	24	45	29	203	38
15	29	32	30	53	35	31	28	23	44	29	112	37
16	31	33	29	38	40	30	27	22	65	29	65	36
17	29	32	29	36	47	29	27	22	56	32	52	35
18	29	31	29	34	74	35	27	22	36	86	45	34
19	28	32	30	70	44	43	27	22	32	220	54	34
20	28	32	30	66	35	41	31	23	28	63	323	34
21	27	33	30	40	31	33	53	20	26	40	122	34
22	28	34	30	36	31	32	132	20	25	41	69	34
23	28	32	31	63	98	34	44	20	24	59	58	33
24	30	31	36	70	118	32	34	20	24	184	51	39
25	29	30	31	38	55	37	29	20	23	73	49	45
26	36	31	31	35	81	71	26	24	22	58	52	40
27	32	31	32	36	47	42	26	25	24	60	49	39
28	30	30	60	35	42	33	27	25	34	39	47	36
29	29	31	155	35	37	32	26	24	29	34	44	34
30	29	31	53	34	---	33	25	27	49	33	41	33
31	30	---	39	35	---	37	---	27	---	32	40	---
TOTAL	916	1020	1162	1345	1265	1155	1040	746	1182	1651	1985	1239
MEAN	29.5	34.0	37.5	43.4	43.6	37.3	34.7	24.1	39.4	53.3	64.0	41.3
MAX	36	75	155	135	118	71	132	34	127	220	323	74
MIN	27	30	29	30	30	29	25	20	22	26	29	33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1992, BY WATER YEAR (WY)

	187	194	228	237	189	159	189	187	175	192	189	180
MEAN	187	194	228	237	189	159	189	187	175	192	189	180
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	14.6	17.8
(WY)	1988	1989	1989	1989	1989	1990	1990	1989	1990	1988	1988	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1977 - 1992

ANNUAL TOTAL	20462	14706	132
ANNUAL MEAN	56.1	40.2	370
HIGHEST ANNUAL MEAN			20.4
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	1200	323	1200
LOWEST DAILY MEAN	18	20	6.7
INSTANTANEOUS PEAK FLOW		493	Unknown
INSTANTANEOUS PEAK STAGE		4.31	6.72
10 PERCENT EXCEEDS	94	60	419
50 PERCENT EXCEEDS	35	32	93
90 PERCENT EXCEEDS	28	26	18

* Also occurred on May 22 - 25.

** Also occurred on July 9, 10, 1990.

SAVANNAH RIVER BASIN
02197345 K-011 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'40'', long 81°40'28'', Barnwell County, Hydrologic Unit 03060106, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRS Road B, 0.5 mi west of K-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except those below 300 ft³/s, which are fair, and those below 150 ft³/s, and estimated daily discharges, Aug. 26 to Sept. 30, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	179	440	204	46	42	142	137	127	402	427	104	.38
2	72	431	430	46	67	147	139	127	402	433	103	.38
3	96	439	430	46	144	147	138	127	401	435	103	.35
4	95	448	435	46	143	147	136	127	399	444	292	.32
5	95	445	438	44	138	145	87	127	399	446	309	.31
6	97	435	441	42	128	145	135	127	401	440	309	.31
7	109	436	438	43	134	142	135	123	410	444	235	.31
8	112	434	437	43	150	145	135	94	410	436	202	.31
9	111	435	434	42	144	146	136	416	414	435	93	.31
10	105	435	426	42	143	145	136	422	417	435	71	.31
11	70	435	420	45	148	141	289	422	414	441	71	.31
12	69	438	433	44	140	141	433	418	407	445	71	.31
13	150	435	427	42	138	138	419	413	406	441	72	.31
14	69	436	430	42	134	137	397	409	411	440	68	.28
15	69	436	432	42	133	137	122	409	414	441	69	.28
16	68	432	439	42	134	133	121	410	412	441	139	.26
17	58	432	445	42	134	131	123	410	414	441	140	.25
18	57	433	452	42	133	133	125	411	414	441	135	.25
19	56	434	447	42	134	129	119	411	412	445	82	.25
20	55	435	454	42	139	127	119	410	411	447	43	.25
21	55	430	451	42	140	137	120	409	414	448	22	.25
22	54	431	445	42	140	143	127	422	412	452	19	.25
23	52	435	441	42	140	143	127	422	422	447	12	.25
24	51	433	452	42	140	141	127	419	429	447	6.4	.25
25	55	430	173	42	140	139	127	415	430	447	2.4	.25
26	63	430	60	42	140	133	126	74	429	447	1.0	.25
27	400	439	47	42	140	141	127	85	424	446	.83	.25
28	434	438	48	42	140	142	127	416	417	454	.75	.24
29	431	438	48	42	140	139	127	413	417	454	.55	.23
30	433	433	47	42	---	137	127	400	421	444	.43	.21
31	436	---	46	42	---	137	---	402	---	339	.38	---
TOTAL	4256	13061	10750	1327	3860	4330	4843	9817	12385	13623	2776.74	8.47
MEAN	137	435	347	42.8	133	140	161	317	413	439	89.6	.28
MAX	436	448	454	46	150	147	433	422	430	454	309	.38
MIN	51	430	46	42	42	127	87	74	399	339	.38	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	247	247	227	198	204	285	270	242	246
MAX	444	472	449	417	426	454	456	457	433
(WY)	1987	1987	1986	1988	1988	1988	1987	1987	1986
MIN	46.7	43.3	31.2	29.1	32.6	40.9	56.4	42.8	27.1
(WY)	1989	1989	1990	1990	1990	1990	1989	1988	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	66756	81037.21	
ANNUAL MEAN	183	221	
HIGHEST ANNUAL MEAN			223
LOWEST ANNUAL MEAN			372
HIGHEST DAILY MEAN	454	Dec 20	42.2
LOWEST DAILY MEAN	28	Jan 1	497
INSTANTANEOUS PEAK FLOW			.21
INSTANTANEOUS PEAK STAGE			554
10 PERCENT EXCEEDS	435	3.33 *May 27	3.45
50 PERCENT EXCEEDS	114	439	468
90 PERCENT EXCEEDS	47	140	148
		2.0	37

* Also occurred on July 1.

SAVANNAH RIVER BASIN
02197345 K-011 AT SAVANNAH RIVER SITE, SC--Continued
WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 71.5°C, Jun. 11 - 12, 1986; minimum 6.0°C, Jan. 28, 29, 1986, Jan. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 37.0°C, July 20, 21; minimum, 9.0°C, Jan. 20, 21.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.5	---	---	20.0	19.5	19.5	19.5	16.5	18.0	11.5	11.0	11.5
2	22.0	21.5	22.0	20.0	19.5	19.5	19.0	18.0	18.5	11.5	11.0	11.5
3	22.5	21.5	22.0	19.5	18.0	19.0	19.5	19.0	19.0	12.0	11.5	11.5
4	22.5	21.5	22.0	18.0	17.5	17.5	19.0	16.5	17.5	12.0	11.5	12.0
5	23.5	22.5	23.0	17.5	16.5	17.0	16.5	15.0	15.5	12.5	11.5	12.0
6	23.5	22.0	22.5	16.5	16.0	16.0	15.0	14.0	14.5	12.5	11.5	12.0
7	22.0	20.5	21.0	16.5	16.0	16.5	14.0	13.0	13.5	12.5	11.5	12.0
8	21.0	20.0	20.5	16.5	16.0	16.5	14.5	13.5	14.0	12.5	11.0	12.0
9	20.5	19.5	20.0	16.0	15.0	15.5	16.0	14.5	15.0	13.0	12.5	12.5
10	20.5	20.0	20.0	15.0	14.5	15.0	16.5	16.0	16.0	12.5	11.5	12.5
11	21.5	20.0	20.5	14.5	14.0	14.5	16.5	16.0	16.0	12.0	11.0	11.5
12	21.5	20.0	20.5	14.5	14.0	14.5	16.5	16.0	16.0	12.5	11.5	12.0
13	21.0	20.0	20.5	15.5	14.5	15.0	17.0	16.5	16.5	13.0	12.0	12.5
14	21.0	19.5	20.5	16.0	15.5	15.5	17.5	17.0	17.0	13.0	12.0	12.5
15	21.0	20.5	20.5	16.5	16.0	16.0	17.0	15.5	16.0	12.0	11.0	12.0
16	20.5	19.5	20.0	17.0	16.5	16.5	15.5	15.0	15.0	11.5	10.0	11.0
17	20.0	19.0	19.5	17.5	17.0	17.0	15.0	14.0	14.5	11.0	9.5	10.5
18	20.0	18.5	19.0	17.5	17.0	17.5	14.5	14.0	14.0	11.0	10.0	10.5
19	20.0	18.5	19.0	18.0	17.5	17.5	14.0	13.5	14.0	10.5	9.5	10.0
20	20.0	18.5	19.0	18.5	18.0	18.0	13.5	13.0	13.5	10.5	9.0	9.5
21	19.5	18.5	19.0	19.0	18.5	19.0	13.5	13.0	13.0	11.0	9.0	10.0
22	20.0	18.5	19.5	19.5	19.0	19.5	13.5	12.0	13.0	11.0	9.5	10.5
23	21.0	19.5	20.0	19.0	18.5	19.0	13.5	13.0	13.5	12.0	10.5	11.5
24	21.5	20.0	20.5	18.5	17.0	18.0	14.5	13.5	14.0	12.0	10.5	11.0
25	21.5	20.5	21.0	17.0	15.5	16.5	14.0	13.0	13.5	12.0	10.5	11.0
26	22.0	21.0	21.5	15.5	14.5	15.0	13.5	13.0	13.0	12.0	10.5	11.5
27	22.0	21.5	22.0	14.5	14.0	14.5	13.0	13.0	13.0	11.5	11.0	11.5
28	22.0	21.5	22.0	14.5	14.0	14.0	13.0	12.5	12.5	12.0	11.5	11.5
29	21.5	21.0	21.5	15.5	14.5	14.5	12.5	12.0	12.5	12.5	12.0	12.0
30	21.0	20.5	21.0	16.5	15.5	16.0	12.5	11.5	12.0	12.5	12.0	12.0
31	20.5	20.0	20.0	---	---	---	12.0	11.0	11.5	13.0	12.0	12.5
MONTH	23.5	18.5	20.7	20.0	14.0	16.7	19.5	11.0	14.7	13.0	9.0	11.5

SAVANNAH RIVER BASIN

02197345 K-011. AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	13.0	11.5	12.5	13.5	12.5	13.0	13.5	13.0	13.5	16.0	15.0	15.5
2	13.0	11.5	12.0	13.5	13.0	13.5	13.5	13.0	13.0	17.5	16.0	17.0
3	11.5	11.0	11.5	14.0	13.0	13.5	13.0	12.5	12.5	18.5	17.5	18.0
4	12.0	11.0	11.5	14.5	14.0	14.0	13.0	12.0	13.0	18.5	17.5	18.0
5	12.0	12.0	12.0	15.0	14.5	14.5	14.5	12.5	13.5	18.5	17.5	18.0
6	12.0	11.5	11.5	15.0	14.5	15.0	13.5	12.5	13.0	18.0	16.5	17.5
7	11.5	11.0	11.5	15.5	15.0	15.0	14.0	13.5	13.5	16.5	15.0	16.0
8	11.5	11.0	11.5	15.0	14.5	15.0	14.5	13.5	14.0	15.0	14.5	14.5
9	11.5	10.5	11.0	16.0	14.5	15.0	15.0	14.0	14.5	15.0	13.5	14.0
10	10.5	10.0	10.5	16.5	16.0	16.0	16.0	14.5	15.5	17.0	14.5	15.5
11	11.0	10.5	10.5	16.0	14.5	15.0	16.0	15.5	16.0	18.5	17.0	17.5
12	11.5	10.5	11.0	14.5	13.5	13.5	17.5	16.0	16.5	19.5	18.5	19.0
13	12.0	11.5	11.5	13.5	12.5	13.0	18.0	17.5	17.5	20.0	19.5	19.5
14	12.5	12.0	12.0	13.0	12.0	12.5	18.0	17.0	17.5	20.5	19.5	20.0
15	13.5	12.5	13.0	13.0	12.5	13.0	18.0	17.0	17.5	20.5	20.0	20.5
16	14.0	12.0	13.5	12.5	12.0	12.5	20.0	18.0	18.5	20.5	20.0	20.5
17	12.0	11.5	12.0	13.0	12.0	12.5	20.0	18.5	19.0	21.5	20.5	21.0
18	12.0	11.5	11.5	13.0	12.5	12.5	20.0	19.0	19.5	22.0	21.0	21.5
19	12.0	11.5	11.5	13.5	12.5	13.0	20.0	19.5	19.5	22.5	21.0	22.0
20	11.5	11.0	11.5	13.5	12.5	13.0	20.0	19.5	20.0	22.5	22.0	22.5
21	11.5	11.0	11.5	12.5	12.0	12.5	20.0	20.0	20.0	22.0	21.5	21.5
22	12.0	11.0	11.5	12.5	12.0	12.5	20.0	19.5	19.5	21.5	20.5	21.0
23	12.5	12.0	12.0	13.0	12.5	12.5	19.5	19.0	19.5	21.0	20.5	21.0
24	13.0	12.0	12.5	12.5	12.0	12.5	19.5	18.5	19.0	22.0	20.5	21.0
25	14.0	13.0	13.5	12.5	12.0	12.5	19.5	19.0	19.5	22.0	20.5	21.0
26	14.5	13.5	14.0	12.5	12.0	12.5	19.0	17.0	18.0	22.0	20.5	21.0
27	13.5	12.5	13.0	12.5	12.0	12.0	17.0	16.0	16.5	21.0	20.0	20.5
28	13.0	12.5	13.0	12.5	12.0	12.5	16.0	15.0	15.5	21.0	19.5	20.0
29	13.0	12.5	13.0	13.0	12.0	12.5	15.5	14.5	15.0	19.5	18.5	19.0
30	---	---	---	13.5	13.5	13.0	15.5	15.0	15.0	19.5	18.0	19.0
31	---	---	---	14.0	12.0	13.5	---	---	---	20.0	18.5	19.5
MONTH	14.5	10.0	12.0	16.5	12.0	13.3	20.0	12.0	16.5	22.5	13.5	19.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	19.5	18.5	19.0	28.5	27.5	28.0	26.0	24.5	25.0	---	---	---
2	20.0	18.0	19.0	28.0	25.5	27.5	25.5	24.0	24.5	---	---	---
3	21.0	19.5	20.0	25.5	25.0	25.5	25.0	24.0	24.5	---	---	---
4	20.5	19.0	19.5	26.5	24.5	25.5	24.5	23.5	24.0	---	---	---
5	22.0	19.5	21.0	29.0	25.5	26.5	24.5	24.0	24.5	---	---	---
6	22.5	21.0	22.0	29.0	28.5	29.0	24.0	22.5	23.5	---	---	---
7	23.5	21.5	22.5	32.5	29.0	31.5	23.0	22.0	22.5	---	---	---
8	24.0	22.0	23.0	32.5	32.0	32.5	23.5	22.0	22.5	---	---	---
9	23.5	22.0	23.0	32.5	31.0	32.0	24.5	23.0	23.5	---	---	---
10	23.5	21.5	22.5	32.0	24.0	26.5	24.0	22.5	23.0	---	---	---
11	24.5	20.5	23.0	26.0	24.0	25.0	24.5	23.0	23.5	---	---	---
12	24.0	22.5	23.0	26.0	25.0	25.5	25.0	23.0	24.0	---	---	---
13	23.0	22.0	22.5	26.0	25.5	26.0	24.5	23.5	24.0	---	---	---
14	22.5	21.0	22.0	26.0	25.5	25.5	24.0	22.5	23.0	---	---	---
15	22.5	21.5	22.0	30.0	25.5	27.0	22.5	22.0	22.0	---	---	---
16	24.5	22.0	23.5	32.0	29.5	31.5	25.5	25.0	25.5	---	---	---
17	25.5	24.0	25.0	34.0	31.0	32.5	26.0	25.5	26.0	---	---	---
18	25.0	24.0	24.5	35.5	34.0	35.5	26.5	25.5	26.0	---	---	---
19	25.0	24.0	24.5	36.0	35.0	35.5	---	---	---	---	---	---
20	26.0	23.5	24.5	37.0	35.5	36.0	---	---	---	---	---	---
21	26.5	24.0	24.5	37.0	36.0	36.5	---	---	---	---	---	---
22	25.0	24.0	24.5	36.5	33.5	34.0	---	---	---	---	---	---
23	24.5	23.5	24.0	34.5	25.0	30.0	---	---	---	---	---	---
24	24.0	22.5	23.5	25.0	24.5	25.0	---	---	---	---	---	---
25	24.0	22.0	22.5	25.5	25.0	25.5	---	---	---	---	---	---
26	25.5	23.5	25.0	26.0	25.0	25.5	---	---	---	---	---	---
27	25.5	24.0	25.0	28.0	25.5	26.5	---	---	---	---	---	---
28	25.0	24.0	24.5	30.5	25.5	27.0	---	---	---	---	---	---
29	28.0	24.5	25.5	31.5	30.5	31.0	---	---	---	---	---	---
30	28.5	28.0	28.0	31.5	25.5	29.0	---	---	---	---	---	---
31	---	---	---	26.0	24.5	25.5	---	---	---	---	---	---
MONTH	28.5	18.0	23.1	37.0	24.0	29.0	26.5	22.0	24.0	---	---	---
YEAR	37.0	9.0	18.0									

SAVANNAH RIVER BASIN

021973455 INDIAN GRAVE BRANCH AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'15'', long 81°40'31'', Aiken County, Hydrologic Unit 0306106, on right bank, 0.5 mile upstream of Road B and 350 ft upstream of confluence of K-011 reactor discharge, at Savannah River Site.

DRAINAGE AREA.--2.06 mi².

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 225 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	1.2	.94	1.5	1.4	1.3	4.3	1.1	1.6	1.8	.82	1.1
2	.99	1.2	.92	1.4	1.4	1.3	3.8	1.0	1.6	6.8	.72	1.1
3	.99	1.2	1.8	2.1	1.4	1.3	3.5	1.1	3.9	1.3	.71	1.1
4	1.1	1.1	1.5	1.8	1.3	1.1	4.4	1.1	1.5	.87	.63	1.1
5	1.2	1.1	1.0	1.5	1.4	1.2	3.2	1.1	1.4	.69	.81	1.5
6	1.2	1.1	.91	1.6	1.8	5.8	3.5	2.2	1.4	.80	1.6	1.5
7	1.2	1.1	.91	1.5	1.6	3.8	3.9	1.8	1.5	.77	1.5	1.4
8	1.2	1.2	.93	1.5	1.4	2.4	3.8	2.0	7.1	.72	1.3	1.3
9	1.0	2.7	.94	1.5	1.3	1.8	3.5	1.3	4.8	.70	1.0	1.3
10	1.0	3.6	.96	1.4	1.3	2.9	4.4	1.3	.82	.71	1.1	1.2
11	1.1	1.8	.98	1.5	1.9	3.2	5.2	1.6	1.0	.77	1.2	1.6
12	1.1	1.5	1.0	1.4	1.3	2.5	5.3	1.6	2.9	.80	1.3	1.5
13	1.0	1.4	.99	9.2	1.4	4.1	5.1	1.7	.99	.80	4.7	1.2
14	1.0	1.4	1.0	7.9	1.4	4.5	3.5	1.7	1.8	.83	5.0	1.1
15	1.2	1.4	1.0	2.5	2.2	4.5	2.7	1.5	.80	.81	3.3	1.1
16	1.3	1.4	1.0	1.9	2.0	4.1	3.0	1.4	.82	.87	2.2	1.1
17	1.2	1.3	1.1	1.8	5.1	3.9	2.8	1.7	.85	1.1	2.2	1.1
18	1.2	1.3	1.1	1.9	3.5	4.1	3.7	1.6	.67	2.3	2.2	1.3
19	1.2	1.3	1.1	6.8	2.2	6.6	4.0	1.6	.95	1.2	5.7	1.2
20	1.2	.98	1.1	3.3	1.7	4.7	3.4	1.8	.99	.93	5.3	1.3
21	1.2	1.3	1.1	4.1	1.6	3.8	3.1	1.9	.92	.97	.88	1.3
22	1.2	.92	1.3	1.7	3.5	3.9	.81	1.7	.92	1.8	1.0	1.3
23	1.2	.96	1.4	6.8	6.7	4.5	.61	1.8	.87	1.5	1.1	1.3
24	1.1	.96	2.4	3.1	4.2	4.1	.66	1.7	.90	.99	1.0	1.9
25	1.1	.96	1.6	2.5	2.5	4.4	.80	1.7	1.0	.90	.98	1.6
26	1.2	.92	1.4	2.4	2.0	6.3	.80	2.4	.98	.91	1.1	1.5
27	1.3	.90	1.3	1.7	1.6	3.5	.91	2.0	1.3	.92	1.1	1.6
28	1.3	.90	6.5	1.4	1.6	2.7	1.0	1.8	1.3	1.2	1.4	1.4
29	1.2	.94	5.1	1.4	1.4	2.5	.95	2.0	1.0	1.1	1.1	1.3
30	1.2	.96	1.7	1.4	---	5.5	1.0	2.4	1.2	1.1	1.1	1.2
31	1.2	---	1.5	1.5	---	5.2	---	1.7	---	.90	1.1	---
TOTAL	36.38	39.00	46.48	82.0	62.1	111.5	87.64	51.3	47.78	37.86	55.15	39.5
MEAN	1.17	1.30	1.50	2.65	2.14	3.60	2.92	1.65	1.59	1.22	1.78	1.32
MAX	1.8	3.6	6.5	9.2	6.7	6.6	5.3	2.4	7.1	6.8	5.7	1.9
MIN	.99	.90	.91	1.4	1.3	1.1	.61	1.0	.67	.69	.63	1.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1992, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992
MEAN	1.22	.93	.74	1.26	.98	1.31
MAX	2.98	1.37	1.50	2.65	2.14	3.60
(WY)	1991	1987	1992	1992	1992	1992
MIN	.35	.33	.30	.38	.44	.47
(WY)	1989	1991	1991	1989	1989	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1987 - 1992

ANNUAL TOTAL	604.48	696.69	
ANNUAL MEAN	1.66	1.90	
HIGHEST ANNUAL MEAN			1.08
LOWEST ANNUAL MEAN			1.90
HIGHEST DAILY MEAN			.50
LOWEST DAILY MEAN	29	Aug 2	40
INSTANTANEOUS PEAK FLOW	.24	Feb 16	.61
INSTANTANEOUS PEAK STAGE			Apr 23
10 PERCENT EXCEEDS	2.5		Unknown
50 PERCENT EXCEEDS	.94		Dec 28
90 PERCENT EXCEEDS	.38		Dec 28

* Also occurred on June 12, 1987.

SAVANNAH RIVER BASIN

021973455 INDIAN GRAVE BRANCH AT SAVANNAH RIVER SITE, SC

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1991 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.0°C, July 24, 1991; minimum, 4.5°C, Dec. 20, 21, 1991, Jan. 17, 1992.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.5°C, July 10 - 13; minimum, 4.5°C, Dec. 20, 21, Jan. 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.5	8.5	9.5	14.5	11.0	12.5	15.5	13.0	14.5	19.5	15.0	17.0
2	8.5	7.0	8.0	15.0	10.5	13.0	15.0	12.5	13.5	21.0	16.0	18.5
3	9.0	6.5	8.0	16.0	11.5	13.5	13.5	10.5	12.0	22.5	18.0	20.0
4	9.5	7.0	8.0	16.5	13.0	15.0	13.5	10.0	11.5	21.0	18.0	19.5
5	9.0	8.5	9.0	16.5	14.5	15.5	15.0	11.0	13.0	20.0	17.0	18.5
6	8.5	7.5	8.0	16.0	15.5	15.5	13.5	11.0	12.5	18.0	15.5	16.5
7	9.0	7.0	8.0	19.0	16.0	17.0	13.5	12.0	13.0	15.5	13.0	14.0
8	9.0	7.0	8.0	19.0	15.5	17.0	18.0	13.5	15.0	13.0	12.5	12.5
9	7.5	6.0	7.0	18.5	14.5	16.5	18.5	14.5	16.5	17.5	12.0	14.0
10	7.0	6.0	6.5	17.0	15.5	16.5	19.5	15.5	17.5	19.0	14.0	16.0
11	9.5	6.5	8.0	15.5	11.0	13.0	18.5	16.5	17.5	20.0	16.0	18.0
12	10.0	7.5	9.0	12.5	10.0	11.0	20.5	16.5	18.0	20.5	16.5	18.5
13	9.5	8.5	9.0	13.0	10.5	11.5	20.0	17.5	18.5	19.5	18.0	18.5
14	11.0	9.0	10.0	12.5	9.0	11.0	19.0	15.5	17.0	21.5	17.5	19.0
15	12.5	11.0	11.5	12.5	9.5	11.0	20.5	15.5	18.0	22.0	19.0	20.5
16	15.0	12.0	13.0	12.0	8.5	10.0	22.0	18.0	19.5	22.5	19.0	20.5
17	13.0	10.5	11.5	12.5	8.0	10.5	22.0	18.5	20.5	22.0	19.5	21.0
18	11.5	10.5	11.0	12.0	10.0	11.0	22.0	18.5	20.5	23.0	19.0	21.0
19	14.5	11.0	12.5	16.5	12.0	14.0	21.0	19.5	20.0	22.5	19.5	21.0
20	13.0	11.0	12.0	14.5	11.0	13.0	22.0	20.0	21.0	22.5	19.5	21.0
21	11.5	10.0	10.5	13.0	9.5	11.5	21.5	20.0	21.0	21.0	18.5	20.0
22	12.5	9.5	11.0	12.5	10.0	11.5	22.5	18.5	20.5	20.0	17.0	18.5
23	14.5	12.0	13.5	13.5	11.5	12.5	22.5	18.0	20.0	20.0	15.5	17.5
24	17.0	14.0	15.5	13.5	10.0	12.0	22.5	18.0	20.0	20.5	15.5	18.0
25	16.5	15.5	16.0	11.5	10.0	11.0	22.0	20.0	21.0	20.0	16.0	18.0
26	16.5	15.0	16.0	13.0	11.0	12.0	20.0	16.5	17.5	---	---	---
27	15.0	12.5	13.5	14.5	11.0	12.5	16.5	15.0	15.5	---	---	---
28	13.5	11.0	12.5	14.5	10.5	12.5	16.0	13.5	14.5	---	---	---
29	15.0	12.0	13.0	13.0	10.5	12.0	17.0	13.0	14.5	20.0	19.0	19.5
30	---	---	---	14.0	12.0	13.0	17.5	13.0	15.0	22.5	19.0	20.5
31	---	---	---	17.5	13.5	15.0	---	---	---	23.5	20.0	21.5
MONTH	17.0	6.0	10.5	19.0	8.0	13.0	22.5	10.0	17.0	23.5	12.0	18.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	22.0	20.0	21.0	26.5	23.5	24.5	27.0	24.5	25.5	25.0	22.0	23.0
2	22.0	19.0	20.5	24.5	22.5	23.5	27.0	24.5	26.0	25.0	22.5	23.5
3	21.5	20.5	20.5	25.0	22.5	23.5	27.0	24.5	25.5	25.0	23.0	24.0
4	23.5	20.0	21.5	26.5	22.5	24.0	26.5	24.5	25.5	25.5	23.0	24.0
5	24.0	21.0	22.5	27.0	23.0	25.0	26.5	24.5	25.5	24.5	23.5	24.0
6	25.0	21.0	22.5	26.0	23.5	25.0	26.0	24.5	25.0	25.0	23.0	23.5
7	26.0	22.0	24.0	27.5	23.5	25.5	25.5	24.0	24.5	25.5	23.0	24.0
8	26.5	23.0	24.5	28.0	24.0	26.0	26.5	24.0	25.0	25.5	23.0	24.0
9	23.5	22.5	23.0	28.0	25.0	26.5	---	---	---	25.5	23.0	24.0
10	26.0	22.5	24.0	28.5	24.5	26.5	---	---	---	25.5	23.0	24.0
11	25.0	23.0	24.0	28.5	25.5	27.0	---	---	---	25.5	23.0	24.0
12	23.0	20.0	21.0	28.5	25.5	27.0	---	---	---	25.0	23.0	24.0
13	20.5	19.5	20.0	28.5	25.5	27.0	25.5	24.5	25.0	24.0	22.0	23.0
14	23.5	20.0	21.5	28.0	25.5	26.5	24.5	23.0	23.5	23.5	21.0	22.0
15	---	---	---	27.5	25.5	26.5	23.0	22.5	23.0	23.0	20.5	21.5
16	---	---	---	26.5	25.0	25.5	24.0	22.0	23.0	25.0	21.5	23.0
17	---	---	---	26.0	24.5	25.0	24.0	23.0	23.5	25.0	22.0	23.5
18	25.5	22.0	23.5	26.5	24.0	25.0	25.5	22.5	24.0	25.0	22.5	23.5
19	26.0	22.5	24.0	26.0	23.5	25.0	25.5	23.5	24.0	25.0	22.0	23.5
20	26.5	22.5	24.5	26.0	24.0	25.0	25.0	22.5	23.5	25.5	23.0	24.0
21	26.0	22.5	24.5	26.5	23.5	25.0	24.5	23.0	23.5	25.5	23.5	24.5
22	24.5	22.0	23.0	26.0	24.0	25.0	25.0	23.0	24.0	26.0	23.5	24.5
23	24.5	21.5	23.0	26.5	24.0	25.0	---	---	---	25.0	23.0	24.0
24	26.0	22.0	24.0	27.0	24.0	25.0	---	---	---	23.0	19.5	21.0
25	26.5	22.5	24.5	27.5	24.5	26.0	---	---	---	19.5	18.5	19.0
26	26.5	23.5	25.0	28.0	25.0	26.5	26.0	23.5	24.5	20.0	18.5	19.0
27	26.0	23.5	25.0	28.0	25.5	26.5	27.0	24.0	25.0	23.5	19.5	21.5
28	25.5	23.5	24.5	28.0	25.5	26.5	25.5	24.0	24.5	24.0	21.5	22.5
29	26.0	23.5	24.5	27.5	25.5	26.5	25.0	22.5	23.5	23.0	21.5	22.5
30	26.5	23.5	25.0	27.0	25.0	26.0	24.5	21.5	23.0	---	---	---
31	---	---	---	27.5	25.0	26.0	25.0	21.5	23.0	---	---	---
MONTH	26.5	19.0	23.0	28.5	22.5	25.5	27.0	21.5	24.5	26.0	18.5	23.0
YEAR	28.5	4.5	17.0									

SAVANNAH RIVER BASIN

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12'', long 81°38'51'', Barnwell County, Hydrologic Unit 03060106, at center, upstream side of culvert on SRS Rd B, 1.2 mi west of SRS Rd 7, 1.9 mi above Indian Grave Branch, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 160 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Dec. 22, Jan. 20, Aug. 23 - 25, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	6.4	6.9	6.2	6.2	6.7	7.0	4.9	3.4	3.6	2.3	4.2
2	4.4	6.8	7.3	5.6	6.2	6.7	6.8	4.8	2.9	16	2.3	4.2
3	5.5	6.8	11	7.9	5.8	6.8	6.3	4.8	9.8	11	2.3	3.9
4	5.1	8.5	12	6.8	6.1	6.6	6.0	4.3	21	6.1	2.2	3.9
5	6.6	6.3	7.8	6.2	5.9	6.5	6.0	4.2	6.7	4.2	2.0	5.7
6	6.5	6.1	7.0	5.6	7.2	15	6.0	5.4	4.0	3.2	3.3	6.6
7	4.9	6.1	6.5	5.6	9.5	15	6.7	8.1	3.3	3.2	2.9	7.9
8	4.7	6.3	6.5	5.3	6.6	9.1	6.7	9.8	18	2.7	2.5	5.5
9	4.6	14	6.7	5.6	6.8	7.2	6.2	7.0	54	2.7	2.3	4.4
10	4.6	22	6.1	5.8	8.2	7.2	6.2	5.0	10	2.5	2.0	3.8
11	4.8	9.4	6.0	5.3	6.2	7.5	12	4.3	6.7	2.6	2.5	4.3
12	4.8	6.9	6.0	5.3	5.3	7.1	16	4.2	16	2.6	2.3	5.5
13	4.9	6.8	5.6	28	5.9	7.0	9.7	4.1	12	2.2	15	4.2
14	5.0	6.9	5.6	33	5.4	6.7	8.8	3.8	29	2.4	22	3.6
15	5.4	6.5	5.3	10	6.9	6.5	6.3	3.6	13	2.2	13	3.3
16	6.1	6.5	5.8	7.9	8.1	6.5	6.5	3.6	8.6	2.3	11	3.3
17	5.3	6.6	5.3	7.3	15	6.4	6.2	3.6	11	3.4	8.3	2.9
18	5.5	6.7	5.3	6.8	14	6.4	6.0	3.6	6.4	6.8	7.2	2.8
19	5.5	6.8	5.3	23	8.9	11	6.0	4.4	4.9	7.6	15	2.8
20	5.5	6.8	5.3	14	7.0	8.4	13	4.4	4.6	6.9	47	2.8
21	5.5	7.4	5.6	12	6.3	6.9	14	4.9	3.9	4.4	11	2.8
22	5.6	7.9	5.3	7.8	6.0	6.8	21	3.5	3.6	4.8	9.0	2.7
23	5.8	7.5	6.0	24	48	7.3	9.8	3.0	3.3	8.5	7.7	3.4
24	6.2	7.0	8.8	12	18	6.8	7.1	2.6	3.3	6.7	6.9	5.7
25	6.1	6.9	6.1	8.0	12	9.1	5.9	2.5	3.1	3.8	6.3	4.8
26	6.0	6.5	6.0	7.2	13	18	5.8	4.1	2.9	3.3	8.4	4.0
27	6.2	6.6	9.2	7.3	9.0	9.1	5.8	3.7	2.9	2.9	6.8	3.8
28	6.6	6.7	27	7.3	7.8	7.9	5.6	3.9	3.8	2.8	6.4	3.5
29	6.3	6.8	28	7.3	7.7	7.0	5.8	3.9	3.6	2.5	5.9	3.2
30	6.2	6.7	9.3	7.0	---	7.9	5.4	6.6	3.5	2.3	5.3	2.7
31	6.2	---	7.0	7.0	---	8.2	---	4.7	---	2.3	4.6	---
TOTAL	170.4	229.2	251.6	308.1	279.0	255.3	240.6	141.3	279.2	138.5	245.7	122.2
MEAN	5.50	7.64	8.12	9.94	9.62	8.24	8.02	4.56	9.31	4.47	7.93	4.07
MAX	6.6	22	28	33	48	18	21	9.8	54	16	47	7.9
MIN	4.0	6.1	5.3	5.3	5.3	6.4	5.4	2.5	2.9	2.2	2.0	2.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	MEAN	6.52	6.41	5.89	9.86	10.7	11.0	8.52	7.27	5.18	6.70	9.56	3.95
MAX	26.4	11.3	8.12	28.6	20.1	29.9	20.8	34.3	10.5	25.6	42.9	8.18	
(WY)	1991	1987	1992	1987	1987	1987	1984	1984	1984	1991	1991	1991	
MIN	2.13	3.09	2.72	3.05	3.53	4.36	2.80	1.74	1.15	1.05	1.50	1.40	
(WY)	1990	1990	1989	1989	1989	1990	1990	1990	1990	1990	1988	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	4914.0	2661.1	
ANNUAL MEAN	13.5	7.27	
HIGHEST ANNUAL MEAN			6.87
LOWEST ANNUAL MEAN			14.9
HIGHEST DAILY MEAN	372	54	372
LOWEST DAILY MEAN	3.1	2.0	3.61
INSTANTANEOUS PEAK FLOW		Jun 9	1991
INSTANTANEOUS PEAK STAGE		*Aug 5	1989
10 PERCENT EXCEEDS	23	137	697
50 PERCENT EXCEEDS	7.9	3.71	9.62
90 PERCENT EXCEEDS	4.6	2.9	1.5

* Also occurred on Aug. 10.

** Also occurred on July 8, 9, 1990.

SAVANNAH RIVER BASIN

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'34'', long 81°41'08'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRS Roads A-17 and A-17.1, at Savannah River Site.

DRAINAGE AREA.--21.2 mi².

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to Oct. 1, 1990 at datum 1.00 ft lower.

REMARKS.--Records fair, except for estimated daily discharges, Dec. 10 - 19, Jan. 20, May 14 - 18, June 8 - 12, 16 - 24, July 10, 12 - 21, 29 - 31, Aug. 21 to Sept. 30, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	210	419	216	67	76	176	172	112	384	427	95	13
2	79	411	427	66	86	180	169	112	383	533	90	13
3	105	417	446	72	186	179	168	110	405	510	87	13
4	103	423	453	71	185	177	166	107	426	491	256	13
5	107	422	441	68	182	178	118	106	394	468	296	15
6	105	411	440	65	179	199	151	110	386	466	303	16
7	113	410	437	65	182	207	162	112	394	465	246	20
8	115	409	439	66	195	186	165	91	396	455	196	15
9	114	429	440	66	191	178	165	356	500	450	97	14
10	112	443	439	67	186	179	162	388	434	442	57	13
11	78	424	427	67	197	176	273	386	428	438	57	14
12	78	421	438	68	179	173	485	385	483	434	57	15
13	133	418	433	109	178	172	452	383	443	439	68	14
14	77	419	437	122	177	170	437	378	470	435	76	13
15	108	420	440	83	180	170	167	376	448	437	66	13
16	78	417	444	75	188	166	141	375	428	440	133	13
17	68	421	458	73	195	161	140	375	430	440	135	12
18	66	424	469	72	206	162	146	374	431	442	138	12
19	66	423	473	105	187	178	138	383	430	444	87	12
20	66	428	478	89	184	157	147	388	428	445	98	12
21	65	433	466	81	181	167	156	389	432	447	37	12
22	65	433	459	82	180	172	168	397	430	469	36	11
23	63	434	461	111	266	174	143	398	425	480	25	13
24	63	431	475	95	223	171	137	400	416	455	21	16
25	64	432	240	83	198	175	118	401	417	446	17	14
26	70	431	80	80	201	198	116	120	417	447	21	14
27	354	438	66	79	187	182	115	69	414	443	17	13
28	419	440	90	78	183	175	115	372	409	443	16	12
29	416	438	115	77	178	172	114	403	405	444	15	12
30	417	437	75	76	---	173	112	394	410	428	14	11
31	414	---	69	76	---	176	---	390	---	385	14	---
TOTAL	4391	12756	11271	2454	5316	5459	5418	9140	12696	13988	2871	403
MEAN	142	425	364	79.2	183	176	181	295	423	451	92.6	13.4
MAX	419	443	478	122	266	207	485	403	500	533	303	20
MIN	63	409	66	65	76	157	112	69	383	385	14	11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1992, BY WATER YEAR (WY)

	MEAN	257	243	282	262	255	303	289	280	261	276	262	230
MAX	412	425	432	440	442	468	425	451	423	451	421	414	414
(WY)	1982	1992	1982	1980	1978	1980	1982	1978	1992	1992	1982	1982	1982
MIN	42.7	40.4	41.4	41.0	46.4	48.0	69.1	47.9	24.9	48.9	33.8	13.4	13.4
(WY)	1989	1989	1990	1990	1990	1990	1989	1988	1990	1990	1988	1992	1992

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1977 - 1992
ANNUAL TOTAL	73498	86163	
ANNUAL MEAN	201	235	253
HIGHEST ANNUAL MEAN			383
LOWEST ANNUAL MEAN			48.6
HIGHEST DAILY MEAN	760	Aug 2	760
LOWEST DAILY MEAN	32	May 31	11
INSTANTANEOUS PEAK FLOW			635
INSTANTANEOUS PEAK STAGE			4.02
10 PERCENT EXCEEDS	435	Jul 2	432
50 PERCENT EXCEEDS	133	Jul 2	371
90 PERCENT EXCEEDS	52	Jul 2	48

* Also occurred on Sept. 30.

** Also occurred on Sept. 30, 1992.

SAVANNAH RIVER BASIN
02197351 P-013 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°13'53'', long 81°35'06'', Barnwell County, Hydrologic Unit 03060106, on Steel Creek, at right bank 2000 ft downstream of SRS Road F and 0.5 mi west of P-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except those below 10 ft³/s and estimated daily discharges, Dec. 31, Jan. 2, 20, May 18 to June 2, 5, Aug. 13, Sept. 5 - 29, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	.36	1.1	.46	.51	.32	.32	.13	.07	.18	.21	.33
2	15	.38	1.1	.47	.46	.32	.32	.13	.07	1.1	.27	.36
3	16	.46	1.7	.79	.49	.32	.32	.13	2.2	.21	.19	.36
4	16	.46	1.5	.51	.53	.33	.32	.13	.70	.18	.18	.66
5	16	.46	1.3	.51	.54	.32	.32	.13	.07	.18	.33	.74
6	16	.46	1.2	.58	.70	1.2	.39	.19	.09	.18	.31	.62
7	15	.46	1.1	.63	.61	.45	.50	.16	.07	.17	.25	.37
8	15	.46	1.1	.89	.64	.32	.47	.44	4.0	.16	.25	.37
9	15	1.0	1.1	.88	.69	.32	.38	.14	.52	.16	.21	.37
10	15	.85	1.1	.81	.72	.35	.32	.13	.13	.16	.17	.37
11	14	.59	1.1	.55	.69	.32	2.1	.13	.44	.16	.16	.41
12	14	.51	1.0	.52	.70	.32	.58	.13	.79	.16	.28	.32
13	14	.51	.90	2.2	.73	.34	.30	.13	.20	.16	.78	.32
14	14	.51	.89	1.2	.73	.32	.21	.10	2.0	.16	.78	.37
15	9.8	.46	.92	.72	1.0	.32	.21	.10	.16	.16	.75	.37
16	6.5	.51	1.0	.52	.81	.32	.21	.10	.17	.21	.29	.37
17	6.7	.56	.99	.62	1.9	.33	.21	.09	.15	1.7	.35	.37
18	3.4	.56	.96	.64	.89	.38	.21	.03	.13	.65	.31	.37
19	.31	.56	.96	1.9	.72	.73	.14	.03	.13	.39	.74	.32
20	.28	.61	.99	.79	.53	.51	.56	.03	.10	.23	.58	.32
21	.28	.84	1.0	.62	.47	.46	1.6	.03	.11	.18	.29	.37
22	.28	.86	1.0	.57	.46	.44	.38	.03	.11	.26	.31	.37
23	.31	.81	1.1	2.0	3.2	.45	.16	.03	.11	.21	.25	.41
24	.36	.81	1.1	.72	.55	.37	.13	.03	.11	.18	.25	.46
25	.36	.81	.81	.81	.47	1.0	.13	.03	.11	.18	.20	.41
26	.36	.81	.92	.72	.49	.92	.13	.03	.11	.18	.18	.37
27	.36	.85	.87	.64	.42	.39	.13	.03	.14	.18	.23	.37
28	.38	.88	3.1	.62	.48	.39	.13	.03	.16	.19	.36	.37
29	.36	.94	.80	.49	.33	.33	.13	.03	.15	.23	.32	.18
30	.36	1.1	.52	.50	---	.42	.13	.22	.13	.27	.32	.18
31	.36	---	.49	.50	---	.32	---	.03	---	.28	.32	---
TOTAL	239.76	19.44	33.72	24.38	21.46	13.63	11.44	3.10	13.43	9.00	10.42	11.58
MEAN	7.73	.65	1.09	.79	.74	.44	.38	.10	.45	.29	.34	.39
MAX	16	1.1	3.1	2.2	3.2	1.2	2.1	.44	4.0	1.7	.78	.74
MIN	.28	.36	.49	.46	.33	.32	.13	.03	.07	.16	.16	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	MEAN	5.98	2.80	3.23	7.74	5.46	8.17	21.1	4.53	7.29	17.3	11.0	9.85
MAX	24.2	15.0	19.2	40.1	21.7	29.6	88.5	31.7	27.6	97.7	79.0	51.6	
(WY)	1985	1985	1985	1984	1984	1991	1991	1984	1991	1991	1991	1988	
MIN	.21	.19	.30	.17	.13	.12	.11	.10	.27	.23	.28	.27	
(WY)	1990	1990	1990	1990	1990	1990	1990	1992	1988	1988	1989	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

ANNUAL TOTAL	10524.54	411.36	
ANNUAL MEAN	28.8	1.12	7.46
HIGHEST ANNUAL MEAN			28.2
LOWEST ANNUAL MEAN			.47
HIGHEST DAILY MEAN	170	Apr 5	170
LOWEST DAILY MEAN	.12	Jun 17	.03
INSTANTANEOUS PEAK FLOW			49
INSTANTANEOUS PEAK STAGE			1.57
10 PERCENT EXCEEDS	123		1.1
50 PERCENT EXCEEDS	1.1		.38
90 PERCENT EXCEEDS	.23		.13
			.95
			.18

* Also occurred on May 19 - 31, 1992.

SAVANNAH RIVER BASIN
02197351 P-013 AT SAVANNAH RIVER SITE, SC--Continued
WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 47.0°C, May 4, 1987; minimum, 0.0°C, Dec. 23 - 25, 27, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.0°C, June 20, several days in July; minimum, 4.0°C, Jan. 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

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 National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Estimated daily discharges, Nov. 15 - 18, 22 - 25, Jan. 4 - 7, 13, 14, 16 - 21, 26 - 28, Mar. 3 - 10, Apr. 22 - 24, May 1 - 11, 14 - 16, May 30 - June 1, 4 - 8, 10 - 16, 22, 23, July 6 - 14, Aug. 13, Sept. 3, 12, 13, 19, 20. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	2.1	2.2	1.7	1.7	1.7	1.6	1.3	1.0	1.4	1.2	1.2
2	18	2.1	2.2	1.7	1.7	1.7	1.6	1.3	1.1	2.1	1.2	1.2
3	19	2.1	2.5	1.9	1.7	1.7	1.6	1.3	2.7	1.5	1.2	1.2
4	19	2.1	2.2	1.7	1.7	1.7	1.6	1.3	.60	1.4	1.2	1.5
5	19	2.1	2.2	1.2	1.7	1.8	1.6	1.2	1.0	1.3	1.2	1.7
6	19	2.1	2.1	1.4	1.8	2.8	1.6	1.2	.80	1.2	1.4	1.4
7	18	2.1	2.1	1.6	1.8	2.2	1.6	1.2	.50	1.2	1.3	1.4
8	18	2.1	2.1	1.8	1.8	1.9	1.6	2.0	10	1.2	1.2	1.3
9	18	2.8	2.1	1.7	1.7	1.7	1.6	1.2	2.5	1.2	1.2	1.3
10	18	2.8	2.1	1.7	1.7	1.7	1.6	1.2	10	1.2	1.2	1.3
11	17	2.3	2.0	1.7	1.7	1.7	2.8	1.2	2.0	1.1	1.2	1.4
12	17	2.2	2.0	1.6	1.7	1.7	1.6	1.2	3.5	1.1	1.2	1.3
13	16	2.2	2.0	1.6	1.7	1.6	1.5	1.2	1.6	1.1	1.2	1.3
14	17	2.2	2.0	3.3	1.7	1.6	1.5	1.2	3.5	1.1	1.5	1.3
15	12	2.2	2.0	1.8	1.8	1.6	1.4	1.2	2.2	1.3	1.6	1.3
16	8.0	2.2	1.9	1.3	1.8	1.6	1.4	1.2	1.8	1.3	1.4	1.3
17	8.6	2.2	1.9	1.1	2.7	1.6	1.4	1.2	1.6	2.4	1.4	1.3
18	5.7	2.2	1.9	1.4	1.9	1.6	1.4	1.1	1.5	1.9	1.3	1.3
19	2.1	2.2	1.9	3.5	1.8	1.8	1.3	1.2	1.4	1.6	1.4	1.3
20	2.1	2.2	1.9	2.0	1.7	1.7	1.8	1.2	1.4	1.6	1.7	1.3
21	2.1	2.2	1.9	1.5	1.7	1.6	2.5	1.1	1.3	1.4	1.3	1.3
22	2.1	2.2	1.9	1.8	1.6	1.6	2.0	1.1	1.3	1.4	1.4	1.3
23	2.1	2.2	1.9	3.1	5.0	1.6	1.5	1.1	1.3	1.4	1.3	1.4
24	2.1	2.2	1.9	2.0	2.2	1.6	1.4	1.1	1.3	1.3	1.3	1.5
25	2.1	2.2	1.8	2.0	2.0	1.8	1.4	1.1	1.3	1.3	1.3	1.4
26	2.0	2.2	1.8	1.9	1.9	2.2	1.4	1.2	1.3	1.3	1.3	1.3
27	2.0	2.2	1.8	1.8	1.9	1.7	1.4	1.2	1.3	1.3	1.3	1.3
28	2.0	2.2	4.0	1.8	1.8	1.6	1.3	1.2	1.3	1.3	1.3	1.3
29	2.0	2.2	2.3	1.7	1.8	1.6	1.3	1.2	1.3	1.3	1.3	1.3
30	2.1	2.2	1.8	1.7	---	1.6	1.3	1.1	1.4	1.3	1.3	1.3
31	2.1	---	1.8	1.7	---	1.6	---	1.1	---	1.3	1.2	---
TOTAL	311.2	66.5	64.2	56.7	55.7	53.9	47.6	37.6	63.80	42.8	40.5	40.0
MEAN	10.0	2.22	2.07	1.83	1.92	1.74	1.59	1.21	2.13	1.38	1.31	1.33
MAX	19	2.8	4.0	3.5	5.0	2.8	2.8	2.0	10	2.4	1.7	1.7
MIN	2.0	2.1	1.8	1.1	1.6	1.6	1.3	1.1	.50	1.1	1.2	1.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1992, BY WATER YEAR (WY)

	MEAN	4.85	1.84	1.75	2.04	2.16	6.54	21.1	2.57	9.49	22.4	15.6	11.7
MAX	10.0	2.66	2.33	2.79	3.38	29.0	64.0	8.28	28.9	109	97.8	62.1	
(WY)	1992	1988	1988	1991	1991	1991	1991	1990	1991	1991	1991	1988	
MIN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.95	1.00	1.19	
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1986 - 1992

ANNUAL TOTAL	11120.50	880.50	
ANNUAL MEAN	30.5	2.41	
HIGHEST ANNUAL MEAN			8.92
LOWEST ANNUAL MEAN			30.0
HIGHEST DAILY MEAN	220	19	1.04
LOWEST DAILY MEAN	.80	.50	220
INSTANTANEOUS PEAK FLOW		54	.50
INSTANTANEOUS PEAK STAGE		1.99	Unknown
10 PERCENT EXCEEDS	117	2.4	5.57
50 PERCENT EXCEEDS	3.2	1.6	10
90 PERCENT EXCEEDS	1.6	1.2	1.8
			1.0

SAVANNAH RIVER BASIN

021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'26'', long 81°35'22'', 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 National Geodetic Vertical Datum of 1929 (provided by Savannah River Site).

REMARKS.--Records fair, except for estimated daily discharges, Jan. 20, May 9 - 11, 14 - 16, 23, June 14, 22, 23, 30, July 6 - 13, and July 31, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	82	102	64	99	100	128	112	126	108	109	96
2	101	75	94	64	98	121	125	113	127	60	106	94
3	103	79	95	65	99	121	127	120	128	58	104	95
4	98	81	94	65	99	121	125	123	128	54	89	96
5	97	84	94	65	100	120	129	141	90	54	93	97
6	96	85	94	65	100	121	127	162	69	53	92	97
7	95	85	93	66	98	121	127	141	67	55	96	95
8	95	98	93	66	94	122	130	170	69	57	97	91
9	95	123	94	63	97	122	131	164	68	59	100	78
10	95	123	92	63	98	122	130	150	68	59	97	45
11	81	122	92	64	77	120	121	130	68	58	97	45
12	77	122	97	62	69	119	117	130	67	57	96	44
13	75	122	91	61	69	118	118	139	67	55	100	42
14	75	122	90	62	68	117	124	141	67	64	69	81
15	89	122	89	78	77	117	149	138	67	80	53	101
16	95	122	89	99	83	114	144	137	77	80	47	99
17	83	122	88	98	83	117	143	137	89	79	46	99
18	83	121	88	98	83	119	142	136	101	76	50	98
19	87	120	88	98	83	119	143	134	116	76	67	98
20	96	120	86	98	82	130	142	134	119	75	94	98
21	96	117	87	98	81	127	133	131	118	74	102	98
22	98	117	84	98	81	128	122	125	118	71	82	97
23	101	116	84	98	81	128	124	123	118	69	84	97
24	101	115	86	98	81	128	124	120	119	69	96	100
25	101	113	100	98	81	128	123	121	128	69	96	102
26	101	98	83	98	82	127	122	134	135	72	96	107
27	94	90	64	98	83	126	121	130	142	59	95	78
28	92	92	65	99	84	126	122	104	147	53	97	59
29	91	91	65	99	83	126	115	105	147	60	97	60
30	89	91	64	99	---	126	113	107	148	77	97	60
31	87	---	65	99	---	126	---	107	---	100	96	---
TOTAL	2857	3170	2690	2546	2493	3777	3841	4059	3098	2090	2740	2547
MEAN	92.2	106	86.8	82.1	86.0	122	128	131	103	67.4	88.4	84.9
MAX	103	123	102	99	100	130	149	170	148	108	109	107
MIN	75	75	64	61	68	100	113	104	67	53	46	42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1992, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	92.6	142	178	179	186	209	236	223	218	120	95.8	99.7
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	67.6	67.4	62.6	66.5	74.5	114	128	131	103	67.4	66.5	47.9
(WY)	1987	1989	1989	1989	1989	1989	1992	1992	1992	1992	1986	1988

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1986 - 1992

ANNUAL TOTAL	41754	35908	
ANNUAL MEAN	114	98.1	156
HIGHEST ANNUAL MEAN			254
LOWEST ANNUAL MEAN			98.1
HIGHEST DAILY MEAN	205	170	470
LOWEST DAILY MEAN	36	42	3.1
INSTANTANEOUS PEAK FLOW		174	536
INSTANTANEOUS PEAK STAGE		7.75	20.87
10 PERCENT EXCEEDS	173	128	364
50 PERCENT EXCEEDS	107	97	118
90 PERCENT EXCEEDS	83	64	63

SAVANNAH RIVER BASIN

021973527 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°12'25'', long 81°35'22'', Barnwell County, Hydrologic Unit 03060106, 500 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.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1985 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 76.0°C, May 2, 1986; minimum, 5.0°C, Jan. 21, 1988.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.5°C, July 12; minimum, 8.0°C, Jan. 21.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'42'', long 81°37'57'', Barnwell County, Hydrologic Unit Code 03060106, on downstream side of intake tower, 150 ft upstream of L-Lake Dam, 200 ft from left bank, at Savannah River Site, SC.

GAGE-HEIGHT RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 203 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.85 ft, Oct. 12, 1990; minimum, 5.97 ft, July 24, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.14 ft, Nov. 22, 23; minimum, 6.31 ft, June 25, 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.02	6.86	6.67	6.82	6.81	6.71	6.82	6.63	6.77	6.47	6.58	6.89
2	6.99	6.81	6.63	6.80	6.78	6.71	6.84	6.59	6.76	6.59	6.62	6.87
3	7.00	6.77	6.58	6.80	6.77	6.70	6.82	6.57	6.80	6.65	6.64	6.84
4	7.00	6.71	6.58	6.80	6.75	6.69	6.81	6.56	6.93	6.67	6.66	6.83
5	7.00	6.67	6.52	6.80	6.73	6.68	6.79	6.55	6.93	6.67	6.68	6.85
6	7.01	6.62	6.50	6.79	6.72	6.71	6.79	6.59	6.87	6.62	6.69	6.87
7	7.00	6.59	6.48	6.78	6.70	6.76	6.80	6.65	6.76	6.60	6.69	6.90
8	6.98	6.56	6.48	6.77	6.67	6.78	6.83	6.71	6.71	6.58	6.68	6.91
9	6.95	6.58	6.50	6.74	6.64	6.78	6.84	6.75	6.86	6.55	6.69	6.90
10	6.94	6.70	6.53	6.73	6.59	6.77	6.85	6.76	6.79	6.53	6.68	6.84
11	6.93	6.74	6.55	6.71	6.57	6.76	6.88	6.76	6.71	6.51	6.71	6.78
12	6.91	6.79	6.56	6.70	6.47	6.73	6.91	6.76	6.71	6.47	6.76	6.72
13	6.84	6.82	6.58	6.72	6.36	6.70	6.90	6.76	6.67	6.43	6.81	6.65
14	6.81	6.84	6.61	6.81	6.35	6.69	6.89	6.81	6.65	6.40	6.85	6.59
15	6.78	6.86	6.64	6.81	6.35	6.67	6.90	6.83	6.62	6.37	6.86	6.58
16	6.75	6.90	6.64	6.76	6.36	6.64	6.92	6.84	6.55	6.36	6.85	6.59
17	6.71	6.94	6.64	6.76	6.40	6.63	6.94	6.86	6.50	6.38	6.82	6.59
18	6.68	6.97	6.64	6.77	6.45	6.61	6.95	6.87	6.45	6.53	6.76	6.59
19	6.62	6.99	6.65	6.91	6.47	6.63	6.94	6.90	6.42	6.58	6.70	6.59
20	6.59	7.03	6.64	6.93	6.48	6.65	6.97	6.92	6.42	6.58	6.70	6.59
21	6.55	7.10	6.64	6.97	6.48	6.65	7.00	6.92	6.41	---	6.73	6.59
22	6.52	7.13	6.66	6.97	6.48	6.65	7.04	6.91	6.38	6.57	6.77	6.59
23	6.57	7.13	6.67	7.00	6.58	6.66	7.00	6.89	6.35	6.60	6.80	6.65
24	6.70	7.11	6.71	7.01	6.63	6.67	6.95	6.87	6.33	---	6.83	6.74
25	6.85	7.06	6.72	6.99	6.66	6.68	6.90	6.85	6.31	---	6.86	6.75
26	6.93	7.02	6.75	6.97	6.70	6.77	6.83	6.86	6.31	---	6.91	6.75
27	6.98	6.94	6.78	6.96	6.71	6.79	6.74	6.89	6.33	6.62	6.91	6.76
28	6.98	6.85	6.78	6.91	6.71	6.80	6.71	6.88	6.37	6.61	6.91	6.76
29	6.97	6.78	6.86	6.90	6.71	6.79	6.69	6.83	6.38	6.59	6.91	6.74
30	6.93	6.72	6.86	6.88	---	6.80	6.65	6.82	6.43	6.57	6.91	6.68
31	6.88	---	6.85	6.85	---	6.82	---	6.80	---	6.57	6.89	---
MEAN	6.85	6.85	6.64	6.84	6.59	6.71	6.86	6.78	6.58	6.54	6.77	6.73
MAX	7.02	7.13	6.86	7.01	6.81	6.82	7.04	6.92	6.93	6.67	6.91	6.91
MIN	6.52	6.56	6.48	6.70	6.35	6.61	6.65	6.55	6.31	6.36	6.58	6.58

SAVANNAH RIVER BASIN

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: December 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.5°C, July 12, 1991; minimum, 6.5°C, Dec. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, July 7; minimum, 9.5°C, Jan. 22, 23, Feb. 13.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.5	11.0	11.5	13.5	12.0	12.5	14.5	13.5	14.0	20.0	17.0	18.5
2	12.5	11.0	11.5	15.0	12.0	13.5	14.0	13.0	13.5	20.0	17.5	19.0
3	12.5	11.0	11.5	16.0	13.0	14.0	14.5	13.0	13.5	20.0	18.0	19.0
4	11.5	10.5	11.0	17.5	14.5	15.5	13.0	12.5	12.5	21.5	19.5	20.5
5	11.0	10.5	11.0	17.0	15.0	16.0	14.0	12.0	13.0	21.5	19.5	20.5
6	11.0	10.5	10.5	16.0	13.5	15.0	13.5	13.0	13.5	20.5	19.0	19.5
7	12.0	10.0	11.0	17.0	13.5	15.5	13.0	12.5	13.0	19.0	17.0	18.0
8	11.0	10.5	10.5	18.5	14.5	17.0	16.0	13.0	14.0	17.0	16.5	17.0
9	10.5	10.0	10.5	17.5	13.0	16.0	17.0	13.5	14.0	18.0	16.0	16.5
10	10.5	10.0	10.0	14.5	11.5	13.0	17.0	13.5	14.5	20.0	16.5	18.0
11	10.5	10.0	10.0	14.0	12.0	13.5	16.5	14.0	15.0	19.5	18.0	18.5
12	11.5	10.0	10.5	13.5	13.0	13.5	18.5	15.5	16.5	19.5	17.5	18.5
13	11.0	9.5	10.0	13.0	12.5	13.0	18.5	17.0	18.0	19.5	18.0	19.0
14	12.0	10.5	11.0	13.5	12.5	12.5	18.0	15.5	17.0	20.5	18.5	19.5
15	12.0	10.0	10.5	13.0	12.0	12.5	17.5	15.0	16.0	21.0	18.5	20.0
16	11.5	10.0	10.5	13.5	11.5	12.5	18.5	16.0	17.0	21.5	20.0	20.5
17	11.0	11.0	11.0	13.0	12.0	12.5	19.0	16.0	17.0	22.0	20.5	21.0
18	11.0	11.0	11.0	12.5	11.5	12.0	19.0	16.5	18.0	24.0	21.0	22.0
19	12.0	11.0	11.5	13.0	11.5	12.0	19.0	15.5	18.0	24.5	21.5	23.0
20	13.0	11.5	12.0	12.5	12.5	12.5	19.0	15.0	18.0	24.0	22.5	23.5
21	12.5	11.5	12.0	15.0	12.0	12.5	19.0	17.0	18.0	23.5	22.0	23.0
22	12.0	11.5	12.0	13.0	12.0	12.5	21.0	18.5	19.5	23.0	22.0	22.5
23	13.5	11.5	12.5	12.5	12.0	12.5	22.5	19.5	20.5	25.0	21.5	23.0
24	13.5	12.0	13.0	13.5	12.0	12.5	22.0	19.5	20.5	25.0	21.5	23.0
25	13.5	12.0	13.0	12.5	12.5	12.5	21.0	20.5	21.0	24.0	22.5	23.0
26	12.0	11.5	11.5	12.5	12.0	12.5	20.5	19.0	20.0	23.5	21.5	23.0
27	13.0	12.0	12.5	13.0	12.0	12.5	19.5	18.5	18.5	23.0	22.5	22.5
28	13.0	12.5	13.0	15.0	12.0	13.0	18.5	17.5	17.5	22.5	22.0	22.0
29	13.0	11.5	12.5	14.0	12.0	12.5	19.5	16.5	17.5	22.0	21.5	21.5
30	---	---	---	13.0	12.0	12.5	18.0	17.0	17.5	24.0	21.5	22.0
31	---	---	---	14.0	12.5	13.5	---	---	---	25.0	22.0	23.5
MONTH	13.5	9.5	11.5	18.5	11.5	13.5	22.5	12.0	16.5	25.0	16.0	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	24.5	22.5	23.0	27.5	24.0	26.0						
2	23.5	22.0	22.5	24.0	18.0	23.0						
3	22.5	21.5	22.0	25.0	19.0	22.5						
4	23.0	21.5	22.0	27.5	23.0	25.5						
5	24.0	22.0	23.0	28.0	24.5	26.0						
6	25.5	22.5	23.5	28.0	23.0	26.5						
7	24.5	23.5	24.0	29.5	25.0	27.5						
8	25.0	21.5	23.5	---	---	---						
9	25.0	23.0	24.0	---	---	---						
10	---	---	---	---	---	---						
11	27.5	26.5	27.0	---	---	---						
12	26.5	24.5	25.0	---	---	---						
13	24.5	24.0	24.0	---	---	---						
14	25.5	23.0	24.0	---	---	---						
15	26.5	23.5	24.5	---	---	---						
16	26.5	24.5	25.5	---	---	---						
17	26.5	25.5	26.0	---	---	---						
18	26.5	25.0	25.5	---	---	---						
19	27.5	25.0	26.0	---	---	---						
20	28.5	26.0	27.0	---	---	---						
21	28.5	27.0	28.0	---	---	---						
22	---	---	---	---	---	---						
23	27.0	25.5	26.0	---	---	---						
24	28.0	25.5	26.5	---	---	---						
25	28.5	26.0	27.0	---	---	---						
26	27.5	26.0	27.0	---	---	---						
27	29.0	26.5	27.5	---	---	---						
28	28.0	27.0	27.5	---	---	---						
29	28.5	27.0	27.5	---	---	---						
30	28.5	26.5	27.0	---	---	---						
31	---	---	---	---	---	---						
MONTH	29.0	21.5	25.0	29.5	18.0	25.5						
YEAR	29.5	9.5	16.5									

SAVANNAH RIVER BASIN

021973537 STEEL CREEK BELOW L-LAKE AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'35'', long 81°37'56'', Barnwell County, Hydrologic Unit Code 03060106, on right wingwall, 2 ft downstream from headwall of spillway, directly below L-Lake Dam, at Savannah River Site, SC.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 123 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 1 - 25, Dec. 27, Jan. 15, 16, 20, Mar. 31 - Apr. 8, June 10, 22. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	87	115	70	95	86	106	85	99	82	59	75
2	70	87	115	70	95	107	106	84	99	62	59	75
3	70	87	115	67	95	107	106	84	99	63	59	75
4	70	87	105	67	95	107	106	84	99	64	59	75
5	70	87	94	67	95	107	106	84	98	63	58	75
6	70	85	83	67	95	107	106	84	98	62	58	75
7	70	83	66	67	95	107	106	84	98	62	58	75
8	70	77	66	67	95	107	106	84	101	62	58	75
9	70	68	63	67	95	107	107	83	106	61	58	75
10	70	68	63	67	95	107	107	82	103	61	58	72
11	70	68	63	67	83	107	107	81	102	61	58	67
12	70	81	63	67	69	107	107	81	102	61	58	67
13	70	88	63	67	69	107	107	81	102	61	58	67
14	70	88	63	67	69	107	107	81	104	60	58	67
15	70	89	63	66	69	107	107	81	103	60	58	67
16	70	89	63	63	69	107	107	81	103	60	58	67
17	70	89	63	63	69	107	117	81	102	60	70	67
18	70	89	63	63	70	107	132	81	102	60	82	67
19	70	86	63	63	69	107	132	92	102	60	81	67
20	70	81	63	63	68	107	132	108	102	60	81	67
21	70	90	63	77	68	107	132	108	102	60	81	67
22	33	110	63	94	68	107	132	107	102	62	81	67
23	7.6	115	63	96	71	107	132	107	102	60	80	68
24	7.6	115	63	96	70	107	132	107	102	60	77	68
25	21	115	63	95	70	107	107	107	101	60	76	68
26	58	115	61	95	69	107	106	100	101	60	76	68
27	84	115	63	95	69	106	97	100	101	60	76	67
28	87	115	69	95	69	106	85	100	101	60	76	67
29	87	115	70	95	69	106	85	100	101	59	76	67
30	87	115	70	95	---	106	85	100	101	59	76	67
31	87	---	70	95	---	106	---	99	---	59	76	---
TOTAL	2030.2	2784	2233	2353	2277	3291	3310	2821	3038	1904	2097	2091
MEAN	65.5	92.8	72.0	75.9	78.5	106	110	91.0	101	61.4	67.6	69.7
MAX	87	115	115	96	95	107	132	108	106	82	82	75
MIN	7.6	68	61	63	68	86	85	81	98	59	58	67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	MEAN	68.0	67.3	59.8	66.0	57.9	93.9	107	91.9	87.4	94.9	77.6	65.4
MAX	79.7	92.8	77.0	77.2	78.5	106	131	99.9	101	197	111	119	
(WY)	1991	1992	1990	1990	1992	1992	1991	1989	1992	1991	1989	1989	
MIN	58.0	49.0	43.5	49.0	48.9	79.6	89.1	77.9	68.2	36.2	56.0	29.8	
(WY)	1990	1989	1991	1989	1989	1990	1990	1991	1990	1990	1990	1990	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1989 - 1992

ANNUAL TOTAL	32143.2	30229.2	
ANNUAL MEAN	88.1	82.6	78.2
HIGHEST ANNUAL MEAN			84.2
LOWEST ANNUAL MEAN			65.9
HIGHEST DAILY MEAN	348	Jul 18	348
LOWEST DAILY MEAN	7.6	Oct 23	7.6
INSTANTANEOUS PEAK FLOW			364
INSTANTANEOUS PEAK STAGE			9.98
10 PERCENT EXCEEDS	165		115
50 PERCENT EXCEEDS	77		73
90 PERCENT EXCEEDS	29		37

* Also occurred on Oct. 24, 1991.

SAVANNAH RIVER BASIN

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER SITE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°09'35'', long 81°37'56'', Barnwell County, Hydrologic Unit Code 03060106, on right wingwall, 2 ft downstream from headwall of spillway, directly below L-Lake Dam, at Savannah River Site, SC.

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: November 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 1, 1990; minimum, 6.5°C, Dec. 27 - 31, 1989, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.0°C, July 30, Aug. 6; minimum, 9.0°C, Jan. 26, Feb. 11 - 13, 15.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER SITE. SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

SAVANNAH RIVER BASIN

02197354 P-007 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°13'33'', long 81°34'39'', Barnwell County, Hydrologic Unit 03060106, near the middle of the stream, 50 ft southeast of P Area, and 1700 ft southwest of SRS Road F, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 310 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Jan. 20, Feb. 21, 23, 25, 26 - 29, Mar. 1 - 7, 13, Apr. 20 - 23, May 5, 6, 8, 9, 10, 12, 14, 15, 16, June 10, 14, 15, 16, Aug. 6, 13, 14. No estimates of discharge for the period of Oct. 1 to Jan. 19, but values are known to be less than 1.0 ft³/s. Records poor. Flow completely regulated by Savannah River Plant operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	.00	.00	.38	.25	.32	.33	.08	.33
2	---	---	---	---	.00	.00	.38	.25	.42	.57	.08	.33
3	---	---	---	---	.00	.00	.38	.25	1.6	.39	.07	.33
4	---	---	---	---	.00	.00	.38	.25	1.4	.37	.05	.39
5	---	---	---	---	.00	.00	.42	.25	.33	.36	.06	.50
6	---	---	---	---	.15	.01	.44	.25	.33	.35	.03	.44
7	---	---	---	---	.20	.12	.40	.25	.33	.33	.00	.48
8	---	---	---	---	.20	.00	.34	.35	1.1	.32	.00	.43
9	---	---	---	---	.20	.00	.33	.30	2.7	.31	.00	.39
10	---	---	---	---	.20	.00	.33	.29	.31	.31	.00	.38
11	---	---	---	---	.20	.00	.73	.28	.45	.31	.00	.38
12	---	---	---	---	.20	.00	.43	.26	1.0	.31	.00	.37
13	---	---	---	---	.20	.13	.35	.25	1.0	.31	.18	.36
14	---	---	---	---	.20	.20	.29	.25	1.2	.31	.44	.36
15	---	---	---	---	.31	.22	.29	.25	.80	.30	.44	.36
16	---	---	---	---	.47	.25	.29	.25	.35	.29	.44	.36
17	---	---	---	---	.65	.25	.29	.25	.37	.43	.44	.36
18	---	---	---	---	.53	.25	.29	.25	.36	.16	.44	.36
19	---	---	---	.44	.27	.37	.29	.25	.36	.09	.45	.36
20	---	---	---	.20	.00	.29	.54	.25	.36	.08	.56	.36
21	---	---	---	.00	.04	.29	.83	.25	.34	.08	.56	.36
22	---	---	---	.00	.08	.29	1.8	.25	.33	.08	.56	.36
23	---	---	---	.00	.62	.29	1.1	.25	.33	.08	.56	.38
24	---	---	---	.12	.19	.29	.25	.25	.33	.08	.56	.44
25	---	---	---	.04	.01	.35	.25	.25	.33	.08	.42	.40
26	---	---	---	.00	.01	.58	.25	.25	.33	.08	.33	.38
27	---	---	---	.00	.00	.49	.25	.25	.33	.08	.33	.38
28	---	---	---	.00	.00	.43	.25	.25	.33	.08	.33	.38
29	---	---	---	.00	.00	.40	.25	.26	.32	.08	.33	.38
30	---	---	---	.00	---	.38	.25	.35	.32	.08	.33	.38
31	---	---	---	.00	---	.38	---	.29	---	.08	.33	---
TOTAL	---	---	---	---	4.93	6.26	13.05	8.13	18.38	7.11	8.40	11.47
MEAN	---	---	---	---	.17	.20	.43	.26	.61	.23	.27	.38
MAX	---	---	---	---	.65	.58	1.8	.35	2.7	.57	.56	.50
MIN	---	---	---	---	.00	.00	.25	.25	.31	.08	.00	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MEAN	.87	1.04	.82	.83	.85	.76	.66	.67	.71	.80
MAX	1.19	2.12	1.21	1.13	1.21	1.60	.97	1.11	1.10	1.26
(WY)	1987	1986	1985	1985	1985	1987	1984	1984	1984	1987
MIN	.034	.17	.21	.17	.17	.098	.087	.19	.18	.27
(WY)	1989	1989	1989	1989	1992	1989	1989	1989	1990	1992

SUMMARY STATISTICS

WATER YEARS 1984 - 1992

ANNUAL MEAN	.82
HIGHEST ANNUAL MEAN	1.03
LOWEST ANNUAL MEAN	.33
HIGHEST DAILY MEAN	9.0
LOWEST DAILY MEAN	.00
INSTANTANEOUS PEAK FLOW	Unknown
INSTANTANEOUS PEAK STAGE	1.84
10 PERCENT EXCEEDS	1.2
50 PERCENT EXCEEDS	.88
90 PERCENT EXCEEDS	.23

* Also occurred on Apr. 19, 1987, and many days in 1989, 1990, and 1991.

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 National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 22 - 25. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104	98	173	92	109	115	139	135	141	150	74	93
2	104	100	174	90	109	150	138	133	139	205	73	91
3	106	100	179	92	109	150	138	131	157	168	71	90
4	101	102	176	90	112	150	138	130	207	136	71	92
5	101	102	139	87	113	147	137	128	157	106	70	100
6	101	100	123	84	119	162	137	134	146	102	79	106
7	100	95	90	83	119	167	134	140	144	101	76	102
8	100	89	91	82	116	151	139	152	204	95	73	99
9	100	90	90	82	116	148	136	138	341	93	71	95
10	100	112	88	82	117	147	135	132	195	90	69	88
11	100	88	87	81	100	146	136	132	180	88	68	79
12	100	99	87	80	78	146	150	132	230	87	68	79
13	100	114	87	122	78	146	137	132	208	90	83	78
14	99	113	87	120	80	145	135	134	218	87	89	77
15	101	113	86	85	85	143	134	138	193	85	98	76
16	102	113	85	77	91	142	132	133	179	87	94	75
17	102	115	84	72	100	142	143	131	177	89	100	74
18	104	118	83	69	115	142	165	130	170	129	124	73
19	104	113	83	95	96	158	167	131	167	110	119	73
20	104	106	83	76	90	148	195	137	171	126	126	73
21	93	120	83	81	89	142	191	130	166	101	114	73
22	52	157	83	100	88	142	207	130	165	98	120	73
23	8.2	167	84	133	155	142	176	130	165	121	114	98
24	7.9	170	89	119	123	141	171	130	164	92	101	109
25	22	169	84	109	108	146	170	129	162	85	100	85
26	51	170	79	107	106	168	167	133	162	81	104	80
27	85	171	79	107	99	147	154	137	163	79	101	82
28	92	171	113	107	95	144	134	138	165	77	100	83
29	95	172	146	109	92	142	134	141	166	75	98	79
30	97	173	100	110	---	145	135	154	171	74	96	77
31	97	---	94	110	---	145	---	154	---	75	94	---
TOTAL	2733.1	3720	3209	2933	3007	4549	4504	4189	5373	3182	2838	2552
MEAN	88.2	124	104	94.6	104	147	150	135	179	103	91.5	85.1
MAX	106	173	179	133	155	168	207	154	341	205	126	109
MIN	7.9	88	79	69	78	115	132	128	139	74	68	73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	MEAN	83.1	177	216	210	204	219	249	213	229	135	92.8	87.6
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	1989
MIN	23.3	75.1	58.8	61.6	66.9	45.8	44.7	31.1	28.5	38.9	39.0	23.9	
(WY)	1986	1989	1989	1989	1989	1985	1985	1985	1985	1985	1985	1985	1985

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1985 - 1992

ANNUAL TOTAL	58270.1	42789.1	
ANNUAL MEAN	160	117	188
HIGHEST ANNUAL MEAN			287
LOWEST ANNUAL MEAN			117
HIGHEST DAILY MEAN	455	341	500
LOWEST DAILY MEAN	7.9	7.9	7.7
INSTANTANEOUS PEAK FLOW		486	Unknown
INSTANTANEOUS PEAK STAGE		2.65	4.32
10 PERCENT EXCEEDS	291	167	394
50 PERCENT EXCEEDS	140	109	136
90 PERCENT EXCEEDS	69	78	45

SAVANNAH RIVER BASIN
02197357 STEEL CREEK NEAR SNELLING, SC

LOCATION.--Lat 33°05'46'', long 81°37'04'', Barnwell County, Hydrologic Unit 03060106, 15.4 mi upstream from Lower Three Runs at mi 141.6.

GAGE-HEIGHT RECORD

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

GAGE.--Data collection platform. Datum of gage is 71.01 ft above National Geodetic Vertical Datum of 1929 (levels by USGS personnel, Bench Mark elevation supplied by SRS.)

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.61 ft, Oct. 15, 16, 1990; minimum .48 ft, Aug. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.00 ft, Mar. 28; minimum, 1.15 ft, Oct. 22, 23.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.05	4.62	2.34	5.59	4.27	5.78	10.83	3.71	2.61	---	4.04	3.47
2	4.98	4.88	2.60	5.11	3.40	5.50	11.16	2.83	2.52	---	3.62	4.82
3	5.83	4.80	3.54	4.94	3.34	5.89	11.47	2.88	3.54	---	3.03	5.00
4	5.23	3.72	4.41	4.83	3.66	5.84	11.75	3.01	5.71	---	2.83	5.08
5	4.32	5.10	4.21	4.49	3.20	5.22	11.75	3.25	3.82	---	3.56	4.66
6	4.14	5.81	4.27	4.14	2.67	4.26	10.76	---	3.39	---	4.79	4.55
7	3.55	6.10	2.90	4.97	2.80	6.17	9.69	---	2.99	---	5.15	4.30
8	3.83	6.01	2.48	6.20	2.94	9.60	9.58	3.30	3.39	---	4.01	4.37
9	5.36	4.22	2.88	5.68	2.51	10.88	---	2.83	5.48	---	3.04	4.36
10	5.39	5.04	2.97	4.39	2.41	10.88	---	2.20	6.63	---	2.95	3.89
11	4.81	4.74	2.90	4.45	3.39	9.15	---	---	6.38	---	3.94	3.84
12	3.73	5.36	2.55	5.11	4.39	6.74	---	2.80	5.43	---	4.80	3.99
13	2.74	---	2.44	3.70	4.61	5.93	---	3.13	5.90	---	5.14	3.86
14	2.84	4.69	2.21	5.28	3.67	4.84	---	3.31	---	---	6.25	3.54
15	3.12	4.63	2.46	6.92	2.80	4.87	---	3.48	---	---	6.98	4.31
16	3.48	4.12	3.29	6.70	3.21	5.58	---	3.30	---	---	5.85	5.28
17	3.02	3.90	4.70	5.52	3.86	6.47	---	2.61	---	---	4.85	3.57
18	2.46	3.21	6.57	4.83	5.66	9.19	---	2.88	---	---	5.46	3.16
19	1.88	3.89	7.86	4.30	6.31	10.17	---	2.75	---	---	5.57	4.41
20	1.75	3.99	7.87	4.95	6.13	10.62	---	2.60	---	---	---	3.66
21	1.70	3.19	6.29	5.69	5.37	10.91	---	3.42	---	---	---	2.59
22	1.43	3.33	3.58	6.24	5.32	10.86	---	3.38	---	3.87	---	3.63
23	1.36	3.61	3.11	6.03	5.82	9.92	---	2.49	---	4.32	---	5.05
24	2.21	3.23	3.28	6.16	6.72	9.21	---	2.33	7.62	3.86	---	5.17
25	2.72	2.95	3.70	5.39	5.80	10.19	---	2.28	8.31	3.59	---	4.60
26	3.33	4.32	4.12	5.05	7.26	11.01	---	2.41	8.40	3.28	---	3.39
27	3.03	5.84	4.25	4.56	9.51	11.53	---	2.67	8.22	3.16	---	3.21
28	2.87	6.43	4.35	5.12	10.06	11.94	---	2.78	7.08	3.27	5.60	2.98
29	3.98	4.09	5.13	5.05	7.92	11.82	4.05	2.47	4.89	3.79	5.30	3.55
30	4.03	2.50	5.36	4.87	---	10.92	4.21	2.75	4.65	3.96	4.04	4.61
31	5.05	---	5.69	4.98	---	10.47	---	2.66	---	3.91	2.94	---
MEAN	3.49	4.42	4.01	5.20	4.79	8.46	9.52	2.88	5.35	3.70	4.51	4.10
MAX	5.83	6.43	7.87	6.92	10.06	11.94	11.75	3.71	8.40	4.32	6.98	5.28
MIN	1.36	2.50	2.21	3.70	2.41	4.26	4.05	2.20	2.52	3.16	2.83	2.59

CAL YR 1991 MEAN 7.26 MAX 14.61 MIN 1.36
WTR YR 1992 MEAN 4.85 MAX 11.94 MIN 1.36

SAVANNAH RIVER BASIN
02197357 STEEL CREEK NEAR SNELLING, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.0°C, Oct. 20, 1985; minimum, 0.5°C, Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.0°C, several days in July and Aug.; minimum, 2.5°C, Jan. 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

02197357 STEEL CREEK NEAR SNELLING. SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.0	8.5	10.5	16.5	11.5	14.0	16.5	15.0	15.5	21.5	16.0	18.5
2	10.5	6.0	8.5	17.5	11.0	14.5	16.0	14.0	15.0	22.5	17.5	20.0
3	11.5	6.5	8.5	18.5	12.5	15.5	15.0	13.0	13.5	24.0	19.5	21.5
4	12.0	7.0	9.5	19.5	14.5	17.0	14.0	12.0	13.0	23.0	19.0	21.0
5	11.5	9.0	10.0	18.5	16.0	17.0	14.5	12.5	13.5	---	---	---
6	9.5	7.5	8.0	17.5	16.5	17.0	14.0	13.0	13.5	---	---	---
7	11.0	6.5	8.5	21.0	17.0	18.5	14.5	13.5	14.0	---	---	---
8	10.0	6.5	8.5	20.0	15.5	17.0	18.5	14.5	16.0	---	---	---
9	9.0	5.0	7.0	19.0	15.0	16.0	20.0	16.5	18.0	---	---	---
10	8.0	5.5	6.5	19.0	17.5	18.5	22.0	17.5	19.5	---	---	---
11	10.0	7.0	8.0	17.5	12.5	14.5	21.0	18.0	19.0	---	---	---
12	11.5	6.5	9.0	13.5	10.0	12.0	23.5	16.5	19.5	---	---	---
13	11.0	9.0	9.5	14.5	11.0	12.5	21.5	12.0	17.5	19.0	18.0	18.5
14	12.0	9.0	10.5	14.5	9.0	12.0	22.5	9.0	15.5	21.0	17.5	19.0
15	13.5	11.5	12.0	14.5	10.5	12.5	25.0	10.5	19.0	22.0	18.5	20.0
16	16.5	12.5	14.0	14.0	9.0	11.5	27.0	18.0	22.0	22.0	19.0	20.5
17	14.5	11.0	12.0	15.5	8.5	12.0	26.5	15.5	21.0	22.0	19.5	21.0
18	12.0	11.0	11.0	15.0	11.5	13.0	25.5	14.0	20.0	23.0	19.0	21.0
19	16.0	11.5	13.0	17.0	13.5	14.5	25.5	16.5	21.0	23.0	20.0	21.5
20	14.5	11.0	13.0	17.0	13.5	15.5	25.0	19.5	22.0	22.5	20.5	21.5
21	13.0	9.5	11.5	13.5	11.5	12.5	24.5	19.0	21.5	21.5	19.5	20.5
22	14.0	9.5	11.5	13.5	12.5	13.0	---	---	---	21.0	18.0	20.0
23	15.5	13.5	14.0	14.0	13.0	13.5	---	---	---	21.5	17.5	19.5
24	18.0	14.5	16.0	14.5	11.0	13.0	---	---	---	22.0	18.0	20.0
25	17.5	16.5	17.0	13.5	11.5	12.5	---	---	---	22.0	19.0	20.5
26	18.5	16.5	17.5	13.0	12.5	12.5	---	---	---	22.5	20.0	21.0
27	16.5	12.5	14.0	14.5	12.5	13.5	---	---	---	21.0	19.0	20.0
28	14.5	12.0	13.0	14.5	12.5	13.5	---	---	---	19.5	18.5	19.0
29	16.5	12.5	14.0	14.0	13.0	13.5	---	---	---	20.0	19.0	19.5
30	---	---	---	14.0	13.0	13.5	19.0	14.0	16.5	22.0	19.0	20.5
31	---	---	---	17.0	14.0	15.0	---	---	---	23.0	20.0	21.5
MONTH	18.5	5.0	11.0	21.0	8.5	14.0	27.0	9.0	17.5	24.0	16.0	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	21.5	20.0	20.5	---	---	---	27.5	26.0	26.5	26.0	23.0	24.5
2	22.0	19.0	20.5	24.0	23.0	23.5	27.5	26.0	27.0	26.0	23.5	25.0
3	21.0	20.5	20.5	24.0	22.5	23.5	27.5	26.0	26.5	25.5	24.0	24.5
4	22.5	20.0	21.0	25.0	22.5	23.5	27.5	25.5	26.5	26.0	23.5	24.5
5	23.0	20.5	22.0	26.0	23.5	24.5	28.0	26.0	27.0	25.5	24.0	24.5
6	24.0	21.0	22.5	25.5	24.0	25.0	27.5	25.5	26.5	25.0	23.5	24.0
7	25.0	22.0	23.5	26.5	24.5	25.5	26.0	25.0	25.5	25.5	23.5	24.5
8	25.5	23.0	24.0	---	---	---	27.0	25.0	26.0	26.0	24.0	25.0
9	23.5	23.0	23.5	---	---	---	28.0	25.5	26.5	26.0	24.0	25.0
10	25.0	23.0	24.0	---	---	---	28.0	25.5	27.0	26.0	24.0	25.0
11	24.5	23.0	24.0	---	---	---	28.0	26.0	27.0	26.5	24.5	25.0
12	23.0	21.0	21.5	---	---	---	28.0	26.5	27.0	25.5	23.5	24.5
13	---	---	---	---	---	---	27.0	26.0	26.5	25.0	22.5	23.5
14	---	---	---	---	---	---	26.5	25.0	25.5	23.5	21.0	22.5
15	---	---	---	---	---	---	25.0	24.0	24.0	23.5	21.0	22.0
16	---	---	---	---	---	---	25.0	23.0	24.0	25.0	22.5	23.5
17	---	---	---	---	---	---	25.0	24.0	24.5	25.5	23.0	24.5
18	---	---	---	---	---	---	26.0	23.5	25.0	25.0	23.0	24.0
19	---	---	---	---	---	---	26.5	25.0	25.5	25.0	23.0	24.0
20	---	---	---	---	---	---	---	---	---	26.0	23.5	24.5
21	---	---	---	25.5	24.0	25.0	---	---	---	25.5	24.5	25.0
22	---	---	---	26.0	24.5	25.0	---	---	---	26.5	24.0	25.0
23	---	---	---	26.5	24.5	25.5	---	---	---	26.0	24.5	25.0
24	---	---	---	26.5	25.0	26.0	---	---	---	25.0	19.5	21.5
25	---	---	---	27.5	25.5	26.5	---	---	---	19.5	18.5	19.0
26	---	---	---	28.0	26.0	27.0	---	---	---	20.5	19.0	19.5
27	---	---	---	28.0	26.5	27.0	---	---	---	23.5	20.5	21.5
28	---	---	---	28.0	26.0	27.0	26.0	24.5	25.0	24.5	22.0	23.0
29	---	---	---	28.0	26.5	27.0	25.0	23.0	24.0	24.0	22.5	23.5
30	---	---	---	27.5	26.0	27.0	25.0	22.5	24.0	23.5	19.5	20.5
31	---	---	---	28.0	26.0	27.0	25.0	22.5	24.0	---	---	---
MONTH	25.5	19.0	22.5	28.0	22.5	25.5	28.0	22.5	25.5	26.5	18.5	23.5
YEAR	28.0	2.5	16.5									

SAVANNAH RIVER BASIN

02197361 PAR POND AT ROAD 8 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'07'', long 81°32'31'', Barnwell County, Hydrologic Unit Code 03060106, on Par Pond between Pond C and Par Pond, at Savannah River Site, SC.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1991 to September 1992.

GAGE.--Data collection platform. Elevation of gage is 170 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 64.46 ft, Apr. 22, 1992; minimum, 63.84 ft, Aug. 5, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 64.46 ft, Apr. 22; minimum, 63.84 ft, Aug. 5.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64.20	64.02	64.12	64.35	64.10	64.11	---	---	64.12	64.40	63.98	63.98
2	64.19	64.09	64.17	64.32	64.09	64.10	---	---	64.09	64.43	63.95	64.00
3	64.19	64.14	64.21	64.30	64.09	64.09	---	---	64.11	64.38	63.94	64.00
4	64.18	64.15	64.23	64.14	64.09	64.09	---	---	64.29	64.26	---	64.02
5	64.18	64.14	64.20	64.09	64.09	64.09	---	---	64.28	64.18	63.96	64.06
6	64.16	64.14	64.17	64.07	64.12	64.13	---	---	64.25	64.13	63.97	64.14
7	64.11	64.13	64.14	64.05	64.12	64.21	---	---	64.21	64.10	64.02	---
8	64.07	64.13	64.12	64.03	64.11	64.20	---	---	---	64.10	64.06	64.30
9	64.03	64.18	64.10	64.04	64.11	64.17	---	64.17	---	64.16	64.09	64.30
10	64.00	64.32	64.09	64.04	64.09	64.15	---	64.15	---	64.22	64.10	64.28
11	63.98	64.32	64.08	64.03	64.08	64.11	---	64.14	---	64.28	64.09	64.26
12	63.96	64.30	64.07	64.02	64.08	64.08	---	64.12	---	64.35	64.08	64.24
13	63.97	64.26	64.07	64.13	64.07	64.04	---	64.10	64.35	64.39	---	64.21
14	63.95	64.24	64.07	64.27	64.07	64.01	---	64.10	64.31	64.39	64.26	64.17
15	63.93	64.21	64.07	64.21	64.08	63.98	---	64.08	64.30	64.37	64.23	64.14
16	63.92	64.19	64.07	64.18	64.10	63.96	64.32	64.06	64.27	64.33	64.17	64.14
17	63.91	64.16	64.07	64.16	64.13	63.97	64.28	64.04	64.23	64.31	---	64.16
18	63.90	64.14	64.06	64.15	64.22	64.02	64.25	64.01	64.23	64.32	64.02	64.19
19	63.93	64.11	64.05	64.25	64.22	---	64.21	63.99	64.23	64.36	64.01	64.21
20	63.92	64.09	64.04	---	64.19	---	64.26	---	64.23	---	64.08	64.25
21	63.91	64.09	64.05	64.25	64.17	---	64.31	---	64.21	64.30	64.10	64.27
22	63.91	64.10	64.05	64.24	64.17	---	64.44	---	---	64.28	64.11	64.30
23	63.91	64.07	64.08	64.33	64.31	---	64.35	64.05	64.16	64.26	64.12	---
24	63.91	64.02	64.15	64.36	64.40	---	64.21	64.10	64.14	64.19	64.12	---
25	63.91	63.98	64.16	64.25	64.31	---	---	64.15	64.11	64.18	64.11	---
26	63.92	63.96	64.16	64.13	64.17	---	---	64.16	64.07	64.15	64.11	---
27	63.93	63.96	64.17	64.10	64.14	---	---	64.17	64.08	64.12	64.10	---
28	63.92	63.99	64.22	64.09	64.13	---	---	64.16	64.16	---	64.09	---
29	63.91	64.03	64.40	64.08	64.12	---	---	64.15	64.24	64.06	64.06	---
30	63.90	64.07	64.40	64.09	---	---	---	64.16	64.35	64.04	64.03	---
31	63.94	---	64.38	64.11	---	---	---	64.15	---	64.01	64.00	---
MEAN	63.99	64.12	64.14	64.16	64.14	64.08	64.29	64.11	64.21	64.24	64.07	64.17
MAX	64.20	64.32	64.40	64.36	64.40	64.21	64.44	64.17	64.35	64.43	64.26	64.30
MIN	63.90	63.96	64.04	64.02	64.07	63.96	64.21	63.99	64.07	64.01	63.94	63.98

SAVANNAH RIVER BASIN

02197362 P-019 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'06'', long 81°35'00'', Barnwell County, Hydrologic Unit 03060106, on left wingwall of concrete weir, 50 ft north of junction of L-Line and Main Line railroad track, 1500 ft northwest of P-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair except those below 20 ft³/s, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	44	21	1.2	1.8	.87	.75	55	1.0	6.3	4.3	17
2	.00	27	1.8	1.2	1.8	.87	.75	55	1.0	3.1	12	18
3	.00	8.1	.36	1.3	1.8	.87	.75	14	1.1	1.2	24	18
4	.00	1.3	.40	1.4	1.8	.87	15	1.8	1.0	1.1	35	19
5	.00	.99	.40	1.4	1.9	.87	38	1.8	1.0	1.0	39	20
6	.00	1.2	.40	1.4	1.9	.87	40	1.9	1.0	4.2	42	18
7	.00	1.2	.40	1.4	2.1	.87	40	1.7	1.0	37	32	2.7
8	.00	1.1	.40	1.3	1.6	.87	22	1.9	1.9	57	31	.72
9	.00	.03	.46	1.4	1.6	.87	12	1.8	1.0	60	18	.47
10	.00	.00	.47	1.5	1.6	.87	11	1.8	.96	62	12	.50
11	.00	.00	.47	1.6	1.1	.87	11	1.8	.87	62	12	.39
12	.00	.00	.47	8.8	1.0	.87	6.8	1.6	.87	46	12	.34
13	.00	.00	2.7	11	1.0	.87	1.5	1.6	.87	22	1.5	.48
14	.00	.00	5.4	2.3	1.0	.87	1.4	1.7	1.1	4.1	.64	3.7
15	.00	.00	5.6	2.3	1.0	2.4	1.4	2.0	1.0	1.0	.64	18
16	.00	.00	5.6	2.1	.93	28	1.4	1.9	1.0	1.0	.64	24
17	.00	.00	5.1	2.1	.87	43	1.4	2.1	1.0	.96	.64	25
18	.00	.02	4.9	2.1	.87	43	1.4	8.2	1.0	.88	.57	25
19	.03	.07	5.1	2.5	.87	33	1.3	24	1.0	.87	.55	25
20	.07	.07	4.5	2.3	.87	7.8	1.4	29	1.0	.85	.55	25
21	.07	.07	4.9	2.1	.87	1.0	1.5	46	1.0	.75	.55	25
22	.07	.07	16	2.1	.87	1.0	1.4	60	1.0	.75	.55	25
23	.07	.08	20	2.4	1.0	1.0	1.4	60	1.0	.75	.55	25
24	.09	.14	5.8	2.0	.92	1.0	1.3	60	1.0	.75	.55	10
25	.07	.39	.97	1.8	.87	1.0	1.2	60	17	.75	.55	.29
26	.10	11	1.0	2.0	.87	1.0	1.2	2.4	30	.75	.55	.30
27	.00	18	1.1	2.1	.87	.89	1.2	1.0	31	.75	.55	.29
28	.66	19	1.4	1.9	.87	.75	1.2	1.0	31	.75	.55	.26
29	2.8	20	1.2	1.8	.87	.75	29	1.0	31	.75	.55	.17
30	26	20	1.2	1.8	---	.75	49	1.0	17	.75	.55	.14
31	47	---	1.2	1.8	---	.75	---	1.0	---	.90	6.1	---
TOTAL	77.03	173.83	120.70	72.4	35.42	179.27	297.65	504.0	181.67	380.96	290.63	347.75
MEAN	2.48	5.79	3.89	2.34	1.22	5.78	9.92	16.3	6.06	12.3	9.38	11.6
MAX	47	44	21	11	2.1	43	49	60	31	62	42	25
MIN	.00	.00	.36	1.2	.87	.75	.75	1.0	.87	.75	.55	.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	202	206	213	232	235	230	115	151	140	168	205	186
MEAN	202	206	213	232	235	230	115	151	140	168	205	186
MAX	447	424	422	393	419	431	365	379	360	425	411	441
(WY)	1988	1986	1987	1986	1988	1988	1986	1986	1984	1987	1985	1986
MIN	2.48	5.79	3.89	2.34	1.22	.56	9.92	12.5	1.10	.34	.058	.000
(WY)	1992	1992	1992	1992	1992	1991	1992	1991	1991	1991	1991	1991

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1984 - 1992
ANNUAL TOTAL	2878.61	2661.31	
ANNUAL MEAN	7.89	7.27	174
HIGHEST ANNUAL MEAN			326
LOWEST ANNUAL MEAN			7.27
HIGHEST DAILY MEAN	79	62	523
LOWEST DAILY MEAN	.00	.00	.00
INSTANTANEOUS PEAK FLOW		62	664
INSTANTANEOUS PEAK STAGE		2.58	4.45
10 PERCENT EXCEEDS	28	25	425
50 PERCENT EXCEEDS	.40	1.1	91
90 PERCENT EXCEEDS	.00	.07	1.0

* Also occurred on Oct. 2 - 18, Nov. 10 - 17.

** Also occurred on Apr. 14 - 29, 1985, Sept. 21 - 28, 1988, Aug. 3 to Oct. 18, 1991, and Nov. 10 - 17, 1991.

SAVANNAH RIVER BASIN
02197362 P-019 AT SAVANNAH RIVER SITE, SC--Continued
WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 75.5°C, May 24, 27, 28, 1986; minimum, 5.0°C, Jan. 24, 1985.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, July 31; minimum, 8.0°C, Dec. 20, Jan. 25, Feb. 9, 10, 12.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.5	10.0	11.5	19.5	12.5	15.5	18.5	14.5	16.0	17.5	16.0	16.5
2	12.5	10.0	11.5	20.0	12.5	16.0	19.0	13.5	15.5	18.5	16.0	17.0
3	13.0	10.5	11.5	21.5	14.0	17.5	17.0	12.0	14.0	21.0	17.0	19.0
4	13.5	11.0	12.0	21.0	16.0	18.0	16.0	11.0	13.5	20.5	17.5	19.5
5	12.5	11.5	12.0	19.5	17.0	18.5	15.5	13.5	14.5	20.5	18.0	19.5
6	11.5	10.5	10.5	18.5	17.5	18.0	15.0	14.5	15.0	19.5	17.0	18.0
7	12.5	10.0	11.0	23.5	17.5	19.5	15.0	14.5	15.0	17.0	16.0	16.5
8	13.0	9.5	11.0	24.0	16.0	19.5	17.0	15.0	16.0	16.5	16.0	16.5
9	12.0	8.0	10.0	24.0	15.5	19.5	18.0	15.5	16.5	19.0	16.0	17.5
10	9.5	8.0	9.0	19.5	17.0	18.5	18.0	16.0	17.0	20.5	17.0	19.0
11	11.0	8.5	9.5	19.0	11.5	14.5	17.5	16.5	17.0	21.0	18.0	19.5
12	14.5	8.0	11.0	18.0	10.0	13.5	18.5	17.0	17.5	21.5	18.5	20.0
13	12.0	10.5	11.5	19.0	12.0	14.5	19.5	17.5	18.5	20.5	19.0	19.5
14	14.0	11.0	12.5	18.0	10.5	14.0	18.0	16.0	17.5	21.5	18.5	20.0
15	15.5	13.5	14.5	16.5	11.5	14.0	18.5	15.5	17.0	21.5	19.5	21.0
16	19.0	15.0	16.5	15.0	12.0	13.5	19.5	17.0	18.5	22.0	19.5	21.0
17	15.0	12.0	13.0	15.0	13.0	14.0	19.5	17.5	18.5	22.0	20.0	21.0
18	13.5	11.5	12.5	14.5	14.0	14.0	19.5	17.5	18.5	22.0	19.0	20.5
19	19.5	13.5	15.5	15.5	14.5	15.0	19.0	17.5	18.5	19.5	18.0	19.0
20	18.5	12.0	15.0	15.0	13.0	14.0	20.0	18.5	19.0	20.5	19.0	19.5
21	15.0	11.5	13.0	16.5	12.0	14.0	20.0	19.0	19.5	20.5	19.0	19.5
22	16.0	11.5	13.5	15.5	13.5	14.5	20.5	18.5	19.5	20.5	19.5	20.0
23	16.0	14.5	15.5	16.0	14.0	14.5	21.5	18.5	20.0	20.5	19.0	19.5
24	18.5	15.5	17.0	16.5	12.0	14.0	21.5	19.0	20.5	20.5	19.0	19.5
25	18.0	17.0	17.5	14.0	12.5	13.5	21.5	19.5	20.5	20.5	19.0	19.5
26	19.0	16.0	18.0	15.5	13.5	14.0	19.5	17.5	18.0	21.5	19.5	20.5
27	18.0	13.5	15.5	18.0	13.0	15.0	18.0	17.0	17.5	21.0	20.0	20.5
28	18.5	12.5	15.0	17.0	12.0	14.5	18.0	16.5	17.0	20.5	19.5	20.0
29	20.0	14.0	16.5	16.0	13.0	14.5	18.5	16.0	17.5	20.5	19.5	20.0
30	---	---	---	16.0	14.5	15.0	18.0	16.5	17.0	21.5	19.5	20.5
31	---	---	---	19.5	15.0	17.0	---	---	---	23.0	21.0	22.0
MONTH	20.0	8.0	13.0	24.0	10.0	15.5	21.5	11.0	17.5	23.0	16.0	19.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	22.0	20.5	21.5	22.5	20.0	21.0	28.5	27.0	27.5	25.5	23.5	24.5
2	22.0	20.0	21.0	22.0	20.5	21.0	27.0	24.5	26.5	24.0	23.0	23.5
3	22.0	20.5	21.0	24.0	22.0	22.5	25.0	23.5	24.5	24.5	23.0	23.5
4	22.5	20.0	21.0	25.0	22.0	23.5	24.5	23.0	23.5	25.0	23.0	23.5
5	23.5	21.5	22.5	26.0	23.0	24.5	24.5	23.0	23.5	23.5	23.0	23.0
6	24.0	21.5	23.0	25.0	23.0	24.0	24.0	23.0	23.5	24.0	23.0	23.5
7	25.0	23.0	24.0	23.0	21.5	22.0	23.5	22.5	23.0	25.0	23.0	24.0
8	25.5	22.5	24.0	23.0	21.0	22.0	23.5	22.5	23.0	25.0	23.0	24.0
9	24.0	22.0	23.0	23.5	22.0	22.5	25.0	22.0	23.0	26.5	24.0	25.0
10	26.0	23.5	25.0	23.5	22.0	22.5	25.0	22.5	23.5	27.0	24.0	25.5
11	25.5	23.0	24.5	23.5	22.0	22.5	25.0	22.5	24.0	26.5	25.0	25.5
12	23.0	21.0	21.5	24.0	22.0	23.0	25.0	23.0	24.0	26.5	24.5	25.5
13	22.5	21.5	22.0	26.0	22.5	24.0	25.0	23.0	24.0	26.5	24.0	25.0
14	24.0	21.0	23.0	25.5	23.0	24.0	25.0	24.0	24.5	25.0	24.0	24.5
15	25.0	22.5	24.0	26.5	24.0	25.0	25.0	24.0	24.5	24.0	22.5	23.5
16	25.5	23.5	24.5	26.5	24.5	25.5	26.5	24.5	25.0	24.0	22.5	23.0
17	26.0	23.5	24.5	26.5	24.0	25.0	26.0	24.5	25.5	24.0	22.5	23.0
18	25.5	23.0	24.5	26.5	24.5	25.0	26.5	24.5	25.5	24.0	22.5	23.0
19	26.0	24.0	24.5	27.5	24.5	25.5	26.5	24.5	25.5	24.0	22.0	23.0
20	25.5	23.5	24.5	27.5	25.0	26.0	27.0	24.5	25.5	24.0	22.5	23.0
21	25.5	23.5	24.5	27.5	25.0	26.5	26.0	25.0	25.5	24.0	23.0	23.5
22	25.0	23.0	24.0	28.0	25.5	26.5	26.5	24.5	25.5	24.5	23.0	23.5
23	25.0	23.0	24.0	28.0	25.5	26.5	27.0	25.0	25.5	24.0	23.0	23.5
24	25.5	23.5	24.5	28.5	25.5	27.0	27.0	25.0	26.0	23.0	20.5	22.0
25	26.5	22.0	24.5	28.5	26.0	27.0	26.5	25.0	25.5	22.0	20.5	21.0
26	22.5	20.5	21.5	28.5	26.0	27.0	27.5	25.0	26.0	24.0	21.5	22.0
27	22.0	20.0	20.5	28.5	26.0	27.0	27.5	25.5	26.5	24.0	22.0	23.0
28	21.0	19.5	20.0	28.5	26.0	27.0	26.5	25.0	25.5	25.0	23.5	24.0
29	21.5	19.5	20.0	28.5	26.5	27.5	26.5	24.0	25.0	24.5	23.5	24.0
30	22.5	19.5	21.0	29.0	26.5	27.5	26.5	24.5	25.5	23.5	21.0	22.0
31	---	---	---	29.5	26.5	27.5	27.0	25.0	25.5	---	---	---
MONTH	26.5	19.5	23.0	29.5	20.0	25.0	28.5	22.0	25.0	27.0	20.5	23.5
YEAR	29.5	8.0	18.5									

SAVANNAH RIVER BASIN

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC

LOCATION.--Lat 33°04'58'', long 81°35'54'', Allendale County, Hydrologic Unit 03060106, on left bank 2.8 mi downstream from Steel Creek, 12.6 mi upstream from Lower Three Runs, 3.7 mi west of Millett and at mile 138.8.

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.5°C, Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.5°C, July 13; minimum, 7.5°C, Jan. 19, 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.5	20.5	21.0	18.5	18.0	18.0	16.0	14.5	15.0	11.5	10.5	11.0
2	21.5	21.0	21.0	18.5	18.0	18.0	17.0	16.0	16.5	11.0	10.5	11.0
3	21.5	21.0	21.5	18.0	16.5	17.5	17.5	16.5	17.0	11.0	10.5	11.0
4	22.0	21.0	21.5	16.5	15.5	16.0	16.5	14.5	15.5	11.0	10.5	11.0
5	22.5	21.5	22.0	15.5	15.0	15.5	14.5	13.5	13.5	11.5	11.0	11.0
6	22.5	22.0	22.5	15.0	14.5	14.5	13.5	12.5	13.0	11.5	11.0	11.5
7	22.0	20.0	21.0	15.0	14.5	15.0	12.5	11.5	12.0	11.5	11.0	11.0
8	20.5	19.5	20.0	15.0	14.5	15.0	13.5	12.0	12.5	11.0	10.5	11.0
9	19.5	19.0	19.5	14.5	13.0	14.0	14.0	13.0	13.5	11.0	11.0	11.0
10	20.0	19.0	19.5	13.5	13.0	13.0	14.5	14.0	14.5	11.0	10.5	11.0
11	20.0	19.5	20.0	13.5	12.5	13.0	15.0	14.0	14.5	10.5	10.0	10.5
12	20.5	19.5	20.0	13.0	12.5	13.0	15.0	14.5	14.5	10.0	10.0	10.0
13	20.5	19.5	20.0	13.5	12.5	13.0	15.5	15.0	15.5	11.0	10.0	10.5
14	20.5	19.0	20.0	14.5	13.5	14.0	15.5	15.0	15.5	11.5	10.5	11.0
15	20.0	19.5	20.0	14.5	14.0	14.5	15.0	14.0	14.5	10.5	10.0	10.5
16	20.0	19.0	19.5	15.5	14.5	15.0	14.0	13.0	13.5	10.0	9.0	9.5
17	19.5	18.5	19.0	16.0	15.0	15.5	13.0	12.5	12.5	9.0	8.0	8.5
18	19.0	18.0	18.5	15.5	15.5	15.5	12.5	12.0	12.5	8.5	8.0	8.5
19	19.0	18.0	18.5	16.5	15.5	16.0	12.5	12.0	12.5	8.5	7.5	8.0
20	19.0	18.0	18.5	17.0	16.0	16.5	12.0	11.5	11.5	8.0	7.5	8.0
21	19.0	18.5	18.5	17.0	16.5	17.0	11.5	11.0	11.0	8.5	8.0	8.0
22	19.5	18.5	19.0	18.0	17.0	17.5	12.0	11.0	11.5	8.5	8.0	8.5
23	20.0	19.0	19.5	17.5	17.0	17.0	13.0	12.0	12.5	10.0	8.5	9.5
24	20.5	19.5	20.0	17.0	15.5	16.0	13.5	12.5	13.0	10.5	9.5	10.0
25	21.0	20.0	20.5	15.5	14.0	14.5	13.0	12.5	13.0	10.0	9.0	9.5
26	21.5	20.5	21.0	14.0	13.0	13.5	12.5	12.0	12.5	9.5	9.0	9.5
27	22.0	21.0	21.5	13.0	12.0	12.5	12.5	12.0	12.0	9.5	9.0	9.0
28	21.5	20.5	21.0	12.5	12.0	12.0	12.0	11.5	11.5	9.5	9.5	9.5
29	21.5	20.5	21.0	13.0	12.0	12.5	11.5	11.0	11.0	10.5	9.5	10.0
30	20.5	20.0	20.5	14.5	13.0	13.5	11.0	10.5	11.0	11.0	10.0	10.5
31	20.0	18.5	19.5	---	---	---	11.5	10.5	10.5	11.0	10.5	10.5
MONTH	22.5	18.0	20.2	18.5	12.0	14.9	17.5	10.5	13.2	11.5	7.5	10.0

SAVANNAH RIVER BASIN

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'07'', long 81°31'00'', Barnwell County, Hydrologic Unit 03060106, on 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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to current year.

GAGE.--Data collection platform. Elevation of gage is 145 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Estimated daily discharges, Jan. 20, 27, 28, Apr. 16, 17, May 20 - 22, June 10, 22, 29 - 30, July 6, 20 - 22, 24 - 27, Aug. 3 - 6, 8 - 11. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	39	38	57	35	33	39	35	37	64	41	46
2	52	40	38	56	35	33	38	35	37	98	41	46
3	53	40	49	120	35	33	36	35	39	100	41	46
4	53	40	57	123	35	33	34	35	52	96	41	46
5	53	40	54	52	35	32	34	35	51	80	41	47
6	53	40	57	51	42	41	34	35	52	62	42	47
7	54	40	56	44	35	50	35	36	52	63	42	49
8	54	40	56	36	35	49	35	36	56	39	42	48
9	54	42	48	36	35	50	35	36	91	38	42	48
10	51	55	38	36	35	47	35	34	158	39	42	47
11	47	61	37	37	35	48	36	33	90	39	42	47
12	26	61	38	36	29	37	49	33	80	39	43	48
13	26	61	37	46	32	35	52	34	121	39	49	47
14	43	59	37	83	33	34	52	34	120	39	87	46
15	39	58	36	83	34	34	52	34	111	39	114	46
16	31	58	36	46	34	35	51	34	103	39	111	46
17	36	59	36	42	35	35	51	35	66	43	107	46
18	15	59	36	42	46	35	50	35	41	54	82	45
19	23	59	35	52	51	36	50	34	40	54	56	45
20	35	52	35	55	42	47	51	34	40	54	44	45
21	35	42	35	54	32	50	52	34	40	54	45	45
22	36	55	35	51	32	49	85	35	40	53	45	45
23	36	61	35	52	46	49	122	36	40	53	46	46
24	38	61	36	93	88	51	115	36	40	53	45	49
25	38	47	35	133	144	43	40	36	57	52	46	51
26	39	39	34	90	100	47	35	36	56	41	46	51
27	39	39	44	62	39	50	35	37	39	41	46	49
28	39	38	55	54	33	51	35	37	37	41	52	46
29	40	38	56	43	32	51	35	37	37	41	53	46
30	39	38	57	36	---	50	35	37	38	41	46	46
31	39	---	58	35	---	45	---	37	---	41	46	---
TOTAL	1269	1461	1334	1836	1274	1313	1438	1090	1861	1629	1666	1405
MEAN	40.9	48.7	43.0	59.2	43.9	42.4	47.9	35.2	62.0	52.5	53.7	46.8
MAX	54	61	58	133	144	51	122	37	158	100	114	51
MIN	15	38	34	35	29	32	34	33	37	38	41	45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	MEAN	27.7	27.5	33.9	47.0	50.4	50.5	36.5	36.6	32.5	28.6	42.4	34.0
MAX	83.7	53.9	59.5	72.1	77.9	92.8	81.9	69.6	62.0	62.6	135	109	
(WY)	1991	1991	1990	1990	1991	1980	1980	1991	1992	1989	1991	1991	
MIN	1.59	2.54	5.81	18.2	28.4	22.5	12.4	1.05	10.8	7.55	7.22	3.41	
(WY)	1989	1982	1975	1981	1981	1976	1976	1987	1987	1977	1976	1982	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1974 - 1992

ANNUAL TOTAL	22350.9	17576	
ANNUAL MEAN	61.2	48.0	
HIGHEST ANNUAL MEAN			38.1
LOWEST ANNUAL MEAN			65.2
HIGHEST DAILY MEAN	220	Aug 28	20.2
LOWEST DAILY MEAN	3.9	Apr 12	220
ANNUAL SEVEN-DAY MINIMUM	4.0	Apr 11	.60
INSTANTANEOUS PEAK FLOW			.91
INSTANTANEOUS PEAK STAGE			225
10 PERCENT EXCEEDS	103		5.06
50 PERCENT EXCEEDS	54		67
90 PERCENT EXCEEDS	13		35
			8.0

SAVANNAH RIVER BASIN

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1984 to December 1986, 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: April 1984 to December 1986 and January 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 36.5°C, May 8, 1986; minimum, 7.0°C, Dec. 26 - 28, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, July 28, 31, Aug. 1; minimum, 8.0°C, Jan. 20 - 23, 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

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 current year.

GAGE.--Data collection platform. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 20, Apr. 6, 7, 16, 17, June 10, 23, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	65	72	95	77	72	76	63	66	114	59	64
2	93	65	72	94	75	72	72	62	64	159	58	63
3	103	65	73	98	75	71	70	61	71	191	57	68
4	93	65	101	180	75	71	67	60	129	183	57	72
5	91	65	97	137	74	70	66	59	98	149	57	87
6	91	65	89	93	81	86	65	63	85	101	74	85
7	91	64	87	91	85	113	67	71	82	100	64	83
8	89	65	86	81	76	90	69	79	116	87	62	78
9	87	71	86	78	74	85	68	71	294	71	59	71
10	86	118	82	78	73	84	67	65	214	68	57	69
11	85	100	75	76	73	84	70	61	218	67	56	67
12	82	89	71	76	70	79	87	60	205	66	56	67
13	45	87	70	115	67	71	83	60	206	66	77	65
14	66	86	71	147	68	70	79	62	209	64	92	63
15	70	84	71	146	73	70	78	62	209	63	165	63
16	69	83	69	105	83	69	78	63	204	63	169	63
17	64	82	69	85	86	69	76	67	163	69	153	62
18	62	82	68	84	115	68	75	63	91	158	148	61
19	37	83	69	117	97	84	74	61	81	114	109	61
20	59	83	68	116	90	80	94	61	78	158	94	60
21	62	82	68	100	74	81	92	59	75	105	78	60
22	62	77	68	97	72	81	123	59	73	87	87	60
23	62	80	68	126	147	82	136	59	73	119	81	61
24	63	83	75	124	131	81	143	59	72	87	74	75
25	63	83	76	150	153	85	110	59	73	79	71	73
26	63	82	74	163	204	109	66	60	94	76	71	72
27	64	75	75	110	107	89	65	63	78	66	70	72
28	65	72	88	96	77	83	64	65	71	68	79	67
29	64	72	159	94	75	82	64	68	73	61	79	64
30	65	72	109	81	---	85	63	74	94	60	69	62
31	65	---	97	79	---	88	---	70	---	59	65	---
TOTAL	2251	2345	2503	3312	2627	2504	2407	1969	3659	2978	2547	2038
MEAN	72.6	78.2	80.7	107	90.6	80.8	80.2	63.5	122	96.1	82.2	67.9
MAX	103	118	159	180	204	113	143	79	294	191	169	87
MIN	37	64	68	76	67	68	63	59	64	59	56	60
CFSM	1.22	1.32	1.36	1.80	1.53	1.36	1.35	1.07	2.06	1.62	1.39	1.15
IN.	1.41	1.47	1.57	2.08	1.65	1.57	1.51	1.24	2.30	1.87	1.60	1.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	MEAN	63.6	68.4	83.5	110	118	120	91.6	80.2	68.8	61.0	85.5	72.1
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

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1974 - 1992

ANNUAL TOTAL	47169	31140	
ANNUAL MEAN	129	85.1	86.8
HIGHEST ANNUAL MEAN			145
LOWEST ANNUAL MEAN			57.0
HIGHEST DAILY MEAN	653	294	743
LOWEST DAILY MEAN	25	37	13
ANNUAL SEVEN-DAY MINIMUM	27	58	15
INSTANTANEOUS PEAK FLOW		398	913
INSTANTANEOUS PEAK STAGE		3.63	4.53
ANNUAL RUNOFF (CFSM)	2.18	1.43	1.46
ANNUAL RUNOFF (INCHES)	29.59	19.53	19.89
10 PERCENT EXCEEDS	274	120	152
50 PERCENT EXCEEDS	100	75	74
90 PERCENT EXCEEDS	48	62	28

SAVANNAH RIVER BASIN

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA

LOCATION.--Lat 32°56'20'', long 81°30'10'', Screven County (GA) - Allendale County (SC), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7.

DRAINAGE AREA.--8,650 mi², approximately.

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

GAGE.--Data collection platform. Datum of gage is 52.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges, Jan. 13 - 15. Records good. Flow regulated by Thurmond Lake (see 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6710	8000	5760	9340	8350	12000	16800	7460	6290	9230	7510	6600
2	7580	7850	5910	9030	7120	9680	16800	6690	6100	10100	7420	7850
3	8590	8150	6320	8480	6960	9590	17100	6200	6280	10900	6870	8550
4	8840	7400	7720	8650	6850	9730	17500	6400	9030	11400	6340	8750
5	7880	7440	7680	7910	6930	9310	17900	6490	8730	10300	6710	8740
6	7450	8750	7870	8170	6380	8300	17900	6880	7370	8750	7680	8400
7	6890	9250	7130	7730	6090	8680	17000	6880	6790	7960	8770	8610
8	6770	9500	6040	9400	6490	12300	15700	6880	6850	8380	8280	8640
9	7610	8590	6140	9730	6100	14500	15100	6770	9210	8580	6970	8520
10	8700	7740	6340	8550	5900	15900	14600	5930	11500	9010	6510	7870
11	8150	8530	6410	7740	6110	16000	13200	5940	11700	8800	6840	7600
12	7600	8280	6110	8390	7410	13800	9850	6190	11400	7330	7980	7670
13	6230	8770	5930	8500	7930	11100	7530	6380	11100	6850	8530	7650
14	5890	8190	5670	10000	7600	9440	7040	6630	10800	7410	9250	7340
15	6000	8120	5690	10700	6640	8210	7510	6820	10500	7960	11100	7350
16	6510	7720	6070	11100	6250	9000	7820	6880	10500	8370	11100	8630
17	6380	7380	7420	10100	7090	9320	7330	6360	10900	7740	9620	8040
18	5910	6970	8990	8890	8490	12100	6540	5930	12100	7520	9390	6730
19	5330	6770	11200	8000	10100	14000	6210	6500	10600	7270	9720	7340
20	5060	7500	12200	8360	10300	15000	6820	5970	10100	7080	10300	7730
21	4950	6850	11600	8820	9640	15900	7680	6420	8140	7380	11500	6580
22	4890	6610	8580	10100	8940	16400	8630	6970	7640	7670	13100	6340
23	4620	6850	6740	10100	9670	16400	10200	6330	8530	7960	12700	8050
24	4970	6840	6620	10200	11100	15300	10800	5770	10600	7820	11000	8650
25	5680	6380	6920	10000	11200	14800	10200	5750	12500	7410	9960	8620
26	6140	6820	7350	8720	10600	15700	9110	5690	13300	7070	10100	7450
27	6370	8470	7570	8640	13100	16600	8110	5950	13500	6760	9940	6820
28	6070	10000	7860	8420	14400	17400	7460	6240	12900	6770	9670	6610
29	6550	9000	8340	8730	14500	18100	7560	6090	10400	7060	9410	6600
30	7040	6620	9080	8540	---	18200	7600	6200	9000	7450	8510	7600
31	7820	---	9330	8470	---	17400	---	6360	---	7490	7020	---
TOTAL	205180	235340	232590	279510	248240	410160	333600	197950	294360	251780	279800	231930
MEAN	6619	7845	7503	9016	8560	13230	11120	6385	9812	8122	9026	7731
MAX	8840	10000	12200	11100	14500	18200	17900	7460	13500	11400	13100	8750
MIN	4620	6380	5670	7730	5900	8210	6210	5690	6100	6760	6340	6340
CFSM	.77	.91	.87	1.04	.99	1.53	1.29	.74	1.13	.94	1.04	.89
IN.	.88	1.01	1.00	1.20	1.07	1.76	1.43	.85	1.27	1.08	1.20	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1992, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
MEAN	7200	7372	9381	12060	13220
MAX	20150	22070	32410	33190	32430
(WY)	1965	1948	1949	1946	1960
MIN	2984	3284	4677	5067	5785
(WY)	1942	1942	1953	1956	1989

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1940 - 1992
ANNUAL TOTAL	4260790	3200440	
ANNUAL MEAN	11670	8744	10220
HIGHEST ANNUAL MEAN			18320
LOWEST ANNUAL MEAN			5790
HIGHEST DAILY MEAN	28100	May 12	18200
LOWEST DAILY MEAN	4620	Oct 23	6200
ANNUAL SEVEN-DAY MINIMUM	5070	Oct 19	5070
INSTANTANEOUS PEAK FLOW			18300
INSTANTANEOUS PEAK STAGE			14.17
ANNUAL RUNOFF (CFSM)	1.35	1.01	1.18
ANNUAL RUNOFF (INCHES)	18.32	13.76	16.06
10 PERCENT EXCEEDS	19700	12600	18800
50 PERCENT EXCEEDS	9330	7970	7660
90 PERCENT EXCEEDS	6260	6200	4950

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA

(National stream-quality accounting network station and radiochemical program station)

LOCATION.--Lat 32°31'30'', long 81°15'45'', Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clio, and at mile 60.9.

DRAINAGE AREA.--9,850 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Data collection platform. Datum of gage is 13.39 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Aug. 9, 10, which are fair. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8070	8140	8250	10000	10500	14300	17100	8350	6750	11200	8070	9500
2	8020	8570	6970	10300	10300	14800	17500	8200	6710	10500	8070	8380
3	8510	8560	6750	10300	9560	14500	17600	7560	6630	10700	8000	8730
4	9230	8680	7030	10000	8900	13600	17500	6930	6990	11300	7700	9370
5	9680	8370	7930	9860	8560	12700	17400	6820	8570	11900	7100	9810
6	9320	8120	8360	9500	8520	12000	17200	6860	9290	12100	7080	10100
7	8690	8910	8510	9330	8210	11200	17300	7110	8530	11400	7820	10000
8	8160	9480	8190	9080	7840	10700	17400	7250	7730	10400	8760	10000
9	7840	9860	7280	9730	7910	11400	17400	7220	7660	9900	8770	10100
10	8270	9680	7040	10300	7730	12500	17200	7140	9010	10100	7780	10200
11	9130	8910	7160	9930	7450	13400	16800	6630	10800	10500	7150	9850
12	9160	9100	7230	9150	7440	14200	16400	6380	12000	10500	7170	9630
13	8710	9110	7100	9360	8270	14900	15500	6510	12900	9500	7960	9650
14	7650	9380	6920	9730	8900	15300	13100	6650	13700	8370	8640	9650
15	7010	9210	6710	9530	8900	14900	10300	6840	14400	8230	9350	9460
16	6960	9000	6600	10500	8220	13400	9190	7010	14700	8550	10600	9240
17	7180	8720	6810	11300	7770	11900	9070	7080	14400	8890	11300	9670
18	7240	8360	7710	11500	8570	11200	8670	6780	13700	8660	11500	9630
19	6930	7980	8870	11100	9690	11500	7890	6390	13300	8540	11300	8550
20	6450	7680	10100	10400	10900	12400	7480	6590	13000	8270	11600	8370
21	6100	8080	11000	10000	11600	13100	7840	6410	12400	8030	12300	8760
22	5960	7850	11400	10300	11700	13800	9070	6570	11200	8080	13100	8090
23	5890	7470	10500	11000	11400	14500	9860	7020	9770	8360	13900	7600
24	5710	7510	8570	11600	11400	15100	10600	6760	9520	8610	14500	8760
25	5800	7530	7650	11800	11900	15600	11200	6260	10300	8680	14600	9520
26	6300	7240	7650	11900	12600	15900	11200	6090	11200	8390	14100	9700
27	6750	7380	7990	11400	12900	16000	10700	6010	11800	8040	13300	9110
28	7050	8520	8320	10900	13200	16000	9690	6140	12200	7670	12800	8340
29	6930	9650	8730	10700	13700	16000	8760	6390	12500	7540	12300	8000
30	7100	9750	9120	10800	---	16300	8420	6490	12200	7670	11800	7910
31	7580	---	9680	10700	---	16700	---	6630	---	7980	11000	---
TOTAL	233380	256800	252130	322000	284540	429800	385340	211070	323860	288560	319420	275680
MEAN	7528	8560	8133	10390	9812	13860	12840	6809	10800	9308	10300	9189
MAX	9680	9860	11400	11900	13700	16700	17600	8350	14700	12100	14600	10200
MIN	5710	7240	6600	9080	7440	10700	7480	6010	6630	7540	7080	7600
CFSM	.76	.87	.83	1.05	1.00	1.41	1.30	.69	1.10	.95	1.05	.93
IN.	.88	.97	.95	1.22	1.07	1.62	1.46	.80	1.22	1.09	1.21	1.04
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1992, BY WATER YEAR (WY)												
MEAN	9130	8569	10880	13920	15530	18080	17530	11880	9664	8797	9057	8057
MAX	83660	26510	39150	34230	37320	34780	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1946	1948	1944	1964	1964	1973	1941	1940	1964
MIN	2772	3233	5122	5853	6722	7043	6664	4873	4925	4635	4793	3098
(WY)	1932	1932	1940	1956	1989	1988	1986	1941	1988	1952	1951	1931

SUMMARY STATISTICS				FOR 1991 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1930 - 1992	
ANNUAL TOTAL				5021640		3582580			
ANNUAL MEAN				13760		9788		11740	
HIGHEST ANNUAL MEAN								20900	1964
LOWEST ANNUAL MEAN								6399	1988
HIGHEST DAILY MEAN				29500	May 16	17600	Apr 3	203000	Oct 2 1929
LOWEST DAILY MEAN				5710	Oct 24	5710	Oct 24	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM				6030	Oct 20	6030	Oct 20	2470	Sep 23 1931
INSTANTANEOUS PEAK FLOW						17600	Apr 3	* 270000	Oct 6 1929
INSTANTANEOUS PEAK STAGE						12.57	Apr 3	* 29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)				1.40		.99		1.19	
ANNUAL RUNOFF (INCHES)				18.96		13.53		16.19	
10 PERCENT EXCEEDS				22600		13800		21100	
50 PERCENT EXCEEDS				12000		9120		8850	
90 PERCENT EXCEEDS				7560		6930		5680	

* Present datum (from information by Corps of Engineers) and from rating curve extended above 120,000 ft³/s.

SAVANNAH RIVER BASIN
02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCOCI, KF AGAR (COLS. PER 100 ML)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3)	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)
DEC 03...	1000	6720	765	17.5	--	--	22	27	9.5	99	20
APR 14...	1130	13200	760	17.5	K26	K26	11	23	7.1	74	21
JUN 19...	0845	13400	759	23.5	480	K36	18	20	6.6	78	19

DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TUR- BID- ITY (NTU)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
DEC 03...	7.4	98	5.5	5.7	1.4	1.9	10	49	1	8.6	0.10
APR 14...	7.1	90	10	6.1	1.5	1.5	8.5	44	0.8	8.5	0.20
JUN 19...	7.2	82	10	5.5	1.3	1.6	7.9	45	0.8	6.5	<0.10

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
DEC 03...	7.9	9.4	73	57	0.10	--	1320	--	<0.010	<0.010	0.210
APR 14...	6.2	7.3	71	47	0.10	22	2530	0.170	<0.010	0.010	0.180
JUN 19...	5.7	8.6	62	48	0.08	--	2240	0.280	0.010	0.010	0.300

DATE	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS DIS-SOLVED (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS P)
DEC 03...	0.220	0.050	0.06	0.040	0.16	0.20	0.12	0.040	0.020	0.040	0.060
APR 14...	0.180	0.040	0.05	0.040	0.26	0.30	0.12	0.040	0.060	0.040	0.090
JUN 19...	0.290	0.040	0.05	0.050	0.25	0.30	0.15	0.050	0.050	0.050	0.090

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	BARIUM, DIS- SOLVED (UG/L AS BA)	COBALT, DIS- SOLVED (UG/L AS CO)	IRON, DIS- SOLVED (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)
DEC 03...	40	14	<3	250	14	254	<4	9	98	<10	3
APR 14...	30	17	<3	540	14	499	<4	30	100	<10	1
JUN 19...	110	27	<3	470	28	1010	<4	17	100	<10	<1

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)
DEC 03...	<1	<1.0	36	--	<6	--	--	--	--	--
APR 14...	<1	<1.0	37	--	<6	--	--	--	--	--
JUN 19...	<1	<1.0	32	0.05	<6	<0.6	0.9	2.0	1.9	0.9

DATE	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO4)	HARD- NESS NONCARE DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)	NITRO- GEN, TOTAL (MG/L AS NO3)
DEC 03...	--	--	0.42	--	0.06	2	0.05	--	--	1.9
APR 14...	--	--	0.48	--	0.18	12	0.05	--	--	2.1
JUN 19...	0.9	0.06	0.59	0.290	0.15	4	0.06	1.3	0.03	2.6

NOTE: "K" denotes a bacteria count outside ideal limits.

">" denotes a value greater than that listed.

"<" denotes a value less than that listed.

SAVANNAH RIVER BASIN

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

LOCATION.--Lat 32°20'34'', long 81°07'53'', Jasper County, Hydrologic Unit Code 03060109, on canal near Bride Point at Jasper-Beaufort Water Authority pump house, 14 mi upstream from Abercorn Creek, and 7 mi northwest of Hardeeville, SC.

PERIOD OF RECORD.--September 1986 to current year.

GAGE.--Data collection platform. Records prior to October 1, 1987 are available through the U.S. Geological Survey, Georgia District. Datum of gage is National Geodetic Vertical Datum of 1929, (levels furnished by the US 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, 13.02 ft, Oct. 23, 1990; minimum, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.99 ft, Apr. 4, 5; minimum, 3.77 ft, Oct. 25.

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	7.15	5.91	6.57	6.99	5.40	6.30	7.32	6.03	6.75	---	---	---
2	7.05	5.72	6.43	7.11	5.93	6.66	6.54	5.09	5.81	---	---	---
3	7.10	5.91	6.48	7.11	6.09	6.66	6.12	4.67	5.28	8.10	7.35	7.71
4	7.42	6.11	6.71	7.10	6.02	6.60	5.63	4.50	4.99	7.94	7.25	7.58
5	7.75	6.57	7.15	7.11	6.01	6.61	6.36	4.74	5.62	7.77	7.09	7.44
6	7.75	6.78	7.30	7.08	5.84	6.51	6.72	5.53	6.13	7.77	6.88	7.36
7	7.53	6.50	7.04	---	---	---	6.72	5.74	6.20	7.57	6.73	7.15
8	7.42	6.21	6.87	---	---	---	6.66	5.69	6.15	7.41	6.51	6.98
9	7.18	5.93	6.61	---	---	---	6.33	5.04	5.77	7.33	6.51	6.93
10	7.14	5.72	6.50	---	---	---	5.87	4.74	5.28	7.42	6.82	7.12
11	7.34	6.12	6.75	---	---	---	6.08	4.81	5.42	7.53	6.88	7.20
12	7.31	6.39	6.85	---	---	---	5.95	4.88	5.40	7.39	6.49	7.00
13	7.11	6.21	6.67	---	---	---	5.82	4.88	5.40	7.41	6.49	7.02
14	6.73	5.52	6.27	---	---	---	5.54	4.50	5.03	7.93	7.06	7.48
15	6.13	5.00	5.64	---	---	---	5.24	4.41	4.80	7.65	7.08	7.31
16	5.82	4.70	5.25	---	---	---	5.33	4.28	4.74	7.63	7.01	7.36
17	6.00	4.70	5.36	---	---	---	5.68	4.23	4.88	8.17	7.43	7.86
18	5.99	4.92	5.46	---	---	---	5.75	4.43	5.15	8.46	7.89	8.19
19	6.05	4.81	5.43	---	---	---	6.74	5.11	6.04	8.69	8.13	8.42
20	5.99	4.52	5.29	---	---	---	7.48	6.14	6.88	---	---	---
21	6.12	4.39	5.28	---	---	---	7.98	7.03	7.55	8.29	7.60	7.95
22	6.06	4.22	5.20	---	---	---	8.33	7.57	7.94	8.17	7.50	7.85
23	6.07	4.10	5.12	---	---	---	8.44	7.80	8.11	8.49	7.73	8.11
24	6.04	3.92	5.00	---	---	---	8.08	6.56	7.39	8.46	8.11	8.30
25	6.03	3.77	4.97	---	---	---	---	---	---	8.62	8.24	8.45
26	6.25	4.01	5.21	---	---	---	---	---	---	8.63	8.42	8.55
27	6.41	4.48	5.49	---	---	---	---	---	---	8.71	8.36	8.57
28	6.56	4.77	5.71	6.80	5.20	6.09	---	---	---	8.54	8.15	8.35
29	6.61	4.98	5.89	7.22	5.88	6.69	---	---	---	8.45	8.08	8.22
30	6.46	4.84	5.78	7.41	6.62	7.09	---	---	---	8.39	7.96	8.17
31	6.71	5.04	5.94	---	---	---	---	---	---	8.42	8.00	8.16
MONTH	7.75	3.77	6.01	7.41	5.20	6.58	8.44	4.23	5.95	8.71	6.49	7.74

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC--Continued

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.25	7.87	8.05	9.44	9.19	9.31	10.74	10.64	10.69	7.67	6.46	7.03
2	8.30	7.82	8.04	9.64	9.41	9.51	10.78	10.74	10.74	7.58	6.32	6.92
3	8.16	7.41	7.80	9.75	9.59	9.67	10.82	10.78	10.80	7.39	5.85	6.56
4	7.81	6.85	7.33	9.77	9.59	9.68	10.99	10.82	10.94	7.05	5.30	6.13
5	7.48	6.48	6.99	---	---	---	10.99	10.97	10.98	6.87	5.12	5.96
6	7.52	6.59	7.09	---	---	---	10.97	10.97	10.97	6.69	5.23	5.96
7	7.46	6.42	7.00	---	---	---	10.97	10.97	10.97	6.88	5.43	6.16
8	7.33	5.91	6.58	---	---	---	10.97	10.96	10.97	6.83	5.43	6.14
9	6.81	5.85	6.35	---	---	---	10.97	10.96	10.97	6.73	5.40	6.04
10	6.94	5.83	6.45	---	---	---	10.97	10.96	10.97	6.66	5.34	6.00
11	6.81	5.48	6.17	---	---	---	10.97	10.96	10.96	6.52	5.12	5.87
12	6.53	5.43	5.92	---	---	---	10.96	10.95	10.96	6.47	4.72	5.61
13	6.87	5.41	6.31	---	---	---	10.95	10.85	10.90	6.77	4.87	5.74
14	7.13	5.95	6.60	---	---	---	10.85	10.59	10.75	6.81	5.03	5.92
15	7.41	6.28	6.83	10.07	9.81	9.95	10.59	9.61	10.07	6.81	5.09	5.95
16	7.31	6.10	6.64	10.09	9.87	9.97	9.65	8.12	8.84	6.75	5.12	5.90
17	7.13	5.76	6.41	9.97	9.46	9.70	8.54	7.25	7.88	6.74	5.22	5.95
18	7.51	6.09	6.84	9.61	8.82	9.19	8.02	6.76	7.39	6.74	5.07	5.90
19	7.95	6.79	7.38	9.15	8.48	8.76	7.63	6.11	6.88	6.58	4.68	5.61
20	8.34	7.59	7.96	8.96	8.51	8.72	7.21	5.77	6.46	6.34	4.86	5.57
21	8.61	8.22	8.43	9.27	8.83	9.06	7.02	6.08	6.58	6.49	4.88	5.71
22	8.77	8.50	8.65	9.45	9.22	9.33	7.44	6.49	7.18	6.34	4.89	5.61
23	8.81	8.42	8.64	9.58	9.42	9.52	8.00	7.27	7.78	6.27	4.93	5.68
24	8.64	8.30	8.48	9.80	9.57	9.73	8.51	7.87	8.28	6.21	4.99	5.61
25	8.62	8.30	8.50	10.03	9.71	9.93	8.70	8.37	8.56	5.92	4.64	5.31
26	8.73	8.48	8.64	10.15	10.01	10.12	8.77	8.51	8.61	5.95	4.43	5.19
27	8.91	8.61	8.79	10.27	10.15	10.23	8.67	8.37	8.55	5.96	4.20	5.07
28	9.05	8.80	8.95	10.34	10.24	10.31	8.49	7.93	8.23	6.26	4.40	5.29
29	9.20	8.95	9.06	10.44	10.34	10.37	8.05	7.25	7.73	6.48	4.61	5.45
30	---	---	---	10.55	10.40	10.45	7.88	6.74	7.30	6.42	4.68	5.56
31	---	---	---	10.64	10.55	10.60	---	---	---	6.53	4.74	5.52
MONTH	9.20	5.41	7.48	10.64	8.48	9.72	10.99	5.77	9.30	7.67	4.20	5.84
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.60	4.92	5.72	9.15	8.40	8.77	6.75	5.42	6.09	8.62	7.40	8.16
2	6.68	4.91	5.79	8.80	7.94	8.37	6.73	5.47	6.15	7.75	6.47	7.23
3	6.69	4.98	5.85	8.50	7.82	8.16	6.67	5.47	6.09	7.12	6.17	6.67
4	6.83	5.21	6.04	8.46	7.99	8.25	6.55	5.38	6.02	7.24	6.28	6.71
5	6.89	5.80	6.45	8.55	8.00	8.38	6.31	5.00	5.65	7.44	6.54	6.98
6	7.49	6.21	7.10	8.64	8.22	8.47	6.13	4.70	5.38	7.72	6.92	7.30
7	7.59	6.51	7.12	8.62	8.26	8.46	6.67	4.94	5.79	7.79	7.10	7.43
8	7.21	6.07	6.67	8.40	7.85	8.15	7.12	5.87	6.46	7.80	7.11	7.45
9	6.82	5.59	6.28	7.90	7.20	7.59	7.17	6.37	6.75	7.86	7.14	7.48
10	7.33	5.73	6.43	7.72	6.97	7.31	7.00	5.89	6.44	7.88	7.23	7.56
11	8.28	6.77	7.44	7.87	7.08	7.37	6.68	5.10	5.84	7.88	7.07	7.51
12	8.83	8.00	8.30	7.89	7.19	7.50	6.32	4.83	5.47	7.75	6.90	7.34
13	9.30	8.60	8.84	7.89	6.82	7.30	6.41	5.01	5.61	7.78	6.99	7.42
14	9.64	9.24	9.37	7.51	5.97	6.64	6.66	5.50	6.02	7.83	6.91	7.42
15	9.93	9.63	9.73	6.91	5.57	6.15	6.93	5.93	6.43	7.76	6.92	7.40
16	10.15	9.93	10.03	6.69	5.66	6.10	7.70	6.60	7.11	7.58	6.60	7.16
17	10.30	10.15	10.24	6.69	5.87	6.31	8.14	7.61	7.91	7.41	6.49	6.98
18	10.31	10.07	10.21	6.88	6.01	6.39	8.78	8.08	8.40	7.51	6.63	7.06
19	10.12	9.81	9.98	7.00	6.19	6.61	8.94	8.47	8.69	7.10	6.02	6.67
20	9.95	9.67	9.86	6.84	5.98	6.42	8.89	8.49	8.69	6.90	5.61	6.26
21	9.74	9.33	9.58	6.83	6.00	6.43	9.06	8.54	8.76	7.17	5.83	6.44
22	9.37	8.67	9.18	6.75	5.94	6.34	9.27	8.66	8.94	7.05	5.80	6.49
23	8.77	7.87	8.43	6.85	5.98	6.38	9.53	9.13	9.27	6.90	5.22	6.16
24	7.93	7.27	7.67	6.91	5.95	6.37	9.74	9.38	9.51	7.67	5.62	6.68
25	7.85	7.09	7.43	6.92	5.93	6.35	9.94	9.57	9.72	7.93	6.80	7.46
26	8.21	7.35	7.69	6.94	5.73	6.28	10.02	9.74	9.87	8.05	7.12	7.68
27	8.56	7.79	8.07	6.81	5.50	6.15	10.03	9.67	9.86	8.00	6.93	7.57
28	8.89	8.22	8.46	6.72	5.13	5.88	9.92	9.44	9.69	7.70	6.34	7.11
29	9.12	8.55	8.75	6.72	5.05	5.84	9.67	9.23	9.46	7.28	5.96	6.70
30	9.13	8.62	8.92	6.74	5.19	5.97	9.44	8.86	9.23	7.14	5.71	6.54
31	---	---	---	6.74	5.37	6.05	9.16	8.36	8.83	---	---	---
MONTH	10.31	4.91	8.05	9.15	5.05	6.99	10.03	4.70	7.55	8.62	5.22	7.10
YEAR	10.99	3.77	7.36									

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 Graungs 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. Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)
Sept. 30, 1991	220.9	1339		96.9	8782		97.2	1240		96.9	5847	
Oct. 31, 1991	220.6	1310	-10.8	96.5	8585	-73.6	97.2	1240	0	96.1	5413	-162.0
Nov. 30, 1991	220.8	1329	7.3	97.2	8931	133.5	97.3	1253	5.0	97.1	5957	209.9
Dec. 31, 1991	221.1	1359	11.2	97.3	8981	18.7	96.9	1201	-19.4	97.0	5902	-20.5
Cal. Yr. 1991			0			-12.8			2.9			37.2
Jan. 31, 1992	221.0	1349	-3.7	97.5	9082	37.7	97.1	1227	9.7	96.9	5847	-20.5
Feb. 29, 1992	221.2	1369	8.0	98.1	9386	121.3	98.3	1388	64.2	97.4	6123	110.1
Mar. 31, 1992	221.0	1349	-7.5	97.0	8832	-206.8	95.5	1024	-135.9	96.9	5847	-103.0
Apr. 30, 1992	221.1	1359	3.9	97.2	8931	38.2	95.4	1012	-4.6	97.3	6068	85.3
May. 31, 1992	220.7	1320	-14.6	97.0	8832	-37.0	95.9	1073	22.8	96.7	5738	-123.2
June 30, 1992	220.7	1320	0	97.4	9031	76.8	97.1	1227	59.4	97.1	5957	84.5
July 31, 1992	220.0	1251	-25.8	97.1	8881	-56.0	96.5	1149	-29.1	97.1	5957	0
Aug. 31, 1992	220.9	1339	32.9	96.7	8683	-73.9	96.7	1175	9.7	97.0	5902	-20.5
Sept. 30, 1992	220.5	1300	-15.0	97.1	8881	76.4	96.6	1162	-5.0	97.0	5902	0
WTR YR 1992			1.2			3.1			-2.5			1.7

DISCHARGE AT PARTIAL-RECORD STATIONS

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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 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum			
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (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 .	1987-92	08-17-92	6.25	250	04-15-87	7.14	368	
Little Bear Creek near Chesterfield, SC (02130400)	Lat 34°40'09'', long 80°09'11'', Chesterfield County, on State Highway 145, 5.5 mi southwest of Chesterfield. Drainage area is 4.10 mi ² .	1974-92	04-24-92	6.19	(+)**	10-08-76	8.12	(+)	
Phils Creek near Wallace, SC (02130496)	Lat 34°44'18'', long 79°46'26'', Marlboro County, on State Highway 30, 4.0 mi northeast of Wallace, 1.8 mi northeast of Grants Mill Pond, and 3.1 mi north of Chayistown. Drainage area is 4.54 mi ² .	1991	09-22-91	3.82	59.5	09-22-91	3.82	59.5	
Herndon Branch near Bennetts- ville, 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 .	1975-92	08-23-92	3.03	(+)	03-18-83	3.92	(+)	
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 .	1975-92	08-23-92	6.81	(+)	04-10-83	8.59	267	
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 trib- utary 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 .	1986-92	08-23-92	4.93	117	06-04-87	5.73	155	
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 .	1968-92	08-23-92	8.45	1,670	08-23-92	8.45	1,670	
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 .	1984-92	08-23-92	6.16	724	08-12-91	6.20	732	

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Neds Creek near Kershaw, SC (02131460)	Lat 34°32'39'', long 80°31'39'', Kershaw County, on State Highway 413, 1.0 mi upstream from Little Lynches River and 3.2 mi east of Kershaw. Drainage area is 3.98 mi ² .	1975-92	12-28-91	3.24	65	05-04-91	5.21	152
Lynches River near Bishop- ville, SC (02131500)	Lat 34°15'00'', long 80°12'50'', Lee County, on U.S. Highway 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 1972-92	03-07-92	12.59	2,724	02-25-79	18.26	15,500
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 .	1974-92	08-23-92	6.40	(+)**	08-12-91	7.56	1,290
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 .	1976-92	05-01-92	5.77	376	10-17-90	7.65	1,500
Little Pee Dee River near Dillon, SC (02132500)	Lat 34°24'17'', long 79°20'25'', Dillon County, on State Highway 9, 1.9 mi southeast of Dillon 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi ² .	1939-71 1972-92	08-23-92	9.56	2,176	09-20-45	14.64	9,810
Brunson Swamp near Dog Bluff, SC (02135070)	Lat 33°56'33'', long 79°13'15'', Horry County, on road 24, 12.0 mi west of Conway and 0.7 mi southeast of Dog Bluff. Drainage area is 11.28 mi ² .	1991-92	01-08-92	6.67	275	08-16-91	7.36	523
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 .	1991-92	02-24-92	4.26	45	08-07-91	5.70	(+)
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 Pocotaligo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi ² .	1985-92	06-23-92	7.70	288	05-16-91	10.18	527
Belt Branch near Manning, SC (02135620)	Lat 33°41'54'', long 80°13'51'', Clarendon County, on State Highway 261, 1.1 mi west of Manning, 2.5 mi upstream from the confluence with Pocotaligo Swamp. Drainage area is 0.83 mi ² .	1974-92	05-01-92	14.21	(+)**	07-26-89	14.85	120
Chaney Swamp near Greeley ville, SC (02136010)	Lat 33°35'12'', long 79°56'48'', Williamsburg County, on U.S. High- way 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville. Drainage area is 17.0 mi ² .	1974-92	08-24-92	7.16	417	08-24-92	7.16	417

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Poplar Hill Branch near Hemingway, SC (02136110)	Lat 33°43'08'', long 79°27'44'', Williamsburg County, on road 121, 2.5 mi southwest of Heming- way and 3.0 mi southeast of Stuckey. Drainage area is 4.72 mi ² .	1991-92	B	5.01	(+)	03-08-91	5.47	(+)
Santee River Basin								
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 .	1990-92	04-22-92	5.31	(+)	10-12-90	6.73	(+)
Tributary to Little Dutch- man 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 .	1985-92	02-26-92	8.83	731	08-19-86	11.57	1,118
Dunn Creek near Lands- ford, SC (021471900)	Lat 34°46'00'', long 80°53'23'', Chester County, on County road 330, 1.8 mi southeast of Lands- ford. Drainage area is 2.35 mi ² .	1990-92	B	A	(+)	03-04-91	9.13	256
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 .	1990-92	04-21-92	5.23	134	05-19-91	11.46	446
Scabber Branch near Great Falls, SC (02147600)	Lat 34°30'17'', long 81°00'22'', Fairfield County, on State High- way 200, 1.1 mi upstream of Big Waterree Creek and 7.0 mi southwest of Great Falls. Drainage area is 4.55 mi ² .	1975-92	06-14-92	8.33	(+)**	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 High- way 41, 8.6 mi east of Winnsboro and 6.8 mi south of Ridgeway. Drainage area is 4.73 mi ² .	1990-92	02-25-92	8.57	(+)	08-02-91	10.85	(+)
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 .	1990-92	02-25-92	4.62	65.2	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 .	1975-92	06-04-92	3.13	(+)	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 .	1990-92	06-04-92	14.30	(+)	10-12-90	17.36	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
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 .	1990-92	02-25-92	4.74	371	10-12-90	8.47	960
Lawsons Fork Creek at Spartanburg, SC (02156300)	Lat 34°56' 53'', long 81°52'08'', Spartanburg County, on county road 718, 0.5 mi downstream from Halfway Branch, 0.8 mi east of Spartanburg, and 1.9 mi west of Glendale. Drainage area is 74.70 mi ² .	1966-70 1970-92	03-06-92	11.75	2,158	10-12-90	18.65	7,650
Turkey Creek near Lowrys SC (021563931)	Lat 34°48'47'', long 81°22'10'', Chester County, on county road 97, 11.5 mi northwest of Chester, 7.5 mi west of Lowrys. Drainage area is 81.51 mi ² .	1990-92	02-27-92	13.39	(+)	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 .	1990-92	06-15-92	14.36	766	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♦ 1975-92	B	A	(+)	08-14-40	16.16	4,800
Dutchman Creek near Pauline, SC (02159600)	Lat 34°47'55'', long 81°52'46'', Spartanburg County, on county road 90, 75 feet downstream from Smith Creek and 2.2 mi southwest of Pauline. Drainage area is 8.97 mi ² .	1966-74♦ 1975-92	03-26-92	3.33	191	10-13-90	14.49	4,500
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 trib- utary to Fairforest Creek, 0.1 mi upstream from the mouth at Fairforest Creek. Drainage area is 0.52 mi ² .	1987-92	04-21-92	1.68	66.1	11-10-90	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♦ 1973-92	03-08-92	4.43	1,453	10-09-76	9.43	11,700
Enoree River near Travelers Rest, SC (02160130)	Lat 34°59'21'', long 82°25'15'', Greenville County, on U.S. High- way 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest. Drainage area is 5.37.	1929-74♦ 1975-92	B	A	(+)	03-17-90	8.05	725

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Brushy Creek near Green- ville, 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 .	1985-92	03-19-92	5.95	507	03-01-87	9.21	942
Enoree River near Enoree, SC (02160500)	Lat 34°36'38'', long 81°54'35'', Spartanburg County, on State Highway 49, 0.75 mi upstream from Warrior Creek, 4.0 mi southeast of Enoree. Drainage area is 307.0 mi ² .	1929-64 1964-77♦ 1977-92	03-08-92	4.35	3,770	10-02-29	10.50	30,000
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 .	1966-74♦ 1975-92	B	A	(+)	05-26-82	5.98	316
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 Georggas Creek. Drainage area is 1.60 mi ² .	1981-86♦ 1987-92	B	A	(+)	03-17-90	5.95	(+)
Saluda River near Pelzer, SC (02163000)	Lat 34°40'05'', long 82°27'55'', Anderson County, 0.4 mi downstream from Hurricane Creek, 1.9 mi north of Pelzer. Drainage area is 405.0 mi ² .	1929-71♦ 1972-92	02-26-92	5.72	5,452	10-07-49	10.53	13,600
Richland Creek Tributary at Greenville, SC (02163940)	Lat 34°52'42'', long 82°23'52'', Greenville County, 4.2 mi southeast of Furman University, 1.9 mi north of Federal Building, 0.7 mi upstream of the mouth at Richland Creek, 0.2 mi west of Washington Center School. Drainage area is 0.78 mi ² .	1985-92	08-13-92	4.25	204	03-17-90	5.74	316
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 up- stream from mouth. Drainage area is 2.82 mi ² .	1983-92	06-09-92	7.40	1,201	05-18-91	8.27	1,463
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 .	1974-92	B	A	(+)	10-12-90	5.88	143
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 up- stream 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 .	1985-92	04-21-92	6.59	165	10-12-90	9.80	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum		Period of record maximum		Period of record maximum	
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
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 .	1985-92	08-17-92	10.57	(+)	08-17-92	10.57	(+)
Watkins Creek near Cross Hill, SC (02167200)	Lat 34°19'32'', long 81°54'38'', Laurens County, on State Highway 560, 1.8 mi upstream from Campbell Creek, and 4.4 mi northeast of Cross Hill. Drainage area is 0.62 mi ² .	1967-75♦ 1975-92	B	A	(+)	07-17-89	10.49	(+)
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 .	1974-92	03-07-92	4.57	52.2	03-13-75	6.60	103
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 .	1985-92	08-17-92	5.23	154	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 Capitol, 2.0 mi upstream of the mouth at the Congaree River. Drainage area is 2.41 mi ² .	1984-92	06-06-92	7.44	1,164	08-12-86	8.05	1300
Savanna Branch near Cayce, SC (02169540)	Lat 33°55'47'', long 81°07'05'', Lexington County, on State High- way 302, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce. Drainage area is 7.15 mi ² .	1974-92	B	A	(+)	B	A	(+)
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 inter- section of Forest Drive and Beltline Blvd, 1.3 mi upstream from the mouth at Lake Katherine. Drainage area is 2.26 mi ² .	1985-92	06-06-92	6.33	518	08-12-86	7.92	984
Cedar Creek below Myers Creek near Hopkins, SC (02169670)	Lat 33°50'23'', long 80°33'09'', Richland County, 150 ft below Myers Creek, 4.5 mi south of Hopkins. Drainage area is 66.9 mi ² .	1980-86♦ 1987-92	02-26-92	4.52	177	03-01-87	8.98	(+)
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 Lake Marion and 2.0 mi northeast of Vance. Drainage area is 2.12 mi ² .	1966-74♦ 1975-92	08-19-92	3.40	45	10-11-91	5.44	167

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Cooper River Basin								
Noisette Creek at North Charleston, SC (0217206930)	Lat 32°52'20'', long 79°59'28'', Charleston County, near 1451 Bexley Street at the Southern Railroad Crossing of Noisette Creek, 0.3 mi east of the inter- section of Rivers Avenue (U.S. 52) and Meeting Street, 1.6 mi upstream of the mouth at the Cooper River. Drainage area is 0.21 mi ² .	1985-92	08-17-92	4.12	71.8	08-14-86	4.71	91
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 .	1991-92	06-28-92	6.30	(+)	06-28-92	6.30	(+)
Edisto River Basin								
South Fork Edisto River near Montmo- rency, SC (02172500)	Lat 33°04'35'', long 81°30'50'', Aiken County, on State Highway 302, 0.4 mi upstream from Cedar Creek, 1.0 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorency. Drainage area is 198.0 mi ² .	1939-66 1967-92	02-26-92	10.55	5,650	02-26-92	10.55	5,650
Rocky Swamp near Neeses, SC (02172759)	Lat 33°30'38'', long 81°11'22'', Orangeburg County, on State High- way 4, 4.4 mi southwest of junction with U.S. Hwy 321 in Neeses. Drainage area is 4.66 mi ² .	1989-92	12-03-91	15.54	988	12-03-91	15.54	988
Ritter Branch near Perry, SC (02173250)	Lat 33°38'10'', long 81°16'04'', Aiken County, on county road 14, 0.3 mi upstream from Hollow Creek, 2.6 mi southeast of Perry. Drainage area is 2.22 mi ² .	1966-74 1975-92	12-03-91	2.71	241	04-26-79	3.21	(+)
Hess Branch at Orange- burg, SC (02173491)	Lat 33°30'12'', long 80°52'34'', Orangeburg County, on Moss Street, 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 .	1986-92	10-07-91	4.92	155	10-01-89	7.41	311
Sunnyside Canal at Orangeburg, SC (02173495)	Lat 33°29'31'', long 80°52'33'', Orangeburg County, at the River- side 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 .	1985-92	10-07-91	5.67	937	06-19-86	5.87	1076
Middle Pen Branch at Orangeburg, SC (02174240)	Lat 33°29'14'', long 80°49'50'', Orangeburg County, at the U.S. 21/178 Bypass crossing of Middle Pen Branch creek, 1.9 mi east of City Hall, 4.0 mi upstream of the mouth at Cow Castle Creek. Drainage area is 2.40 mi ² .	1985-92	02-25-92	4.27	264	10-10-90	6.40	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
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 .	1990-92	08-14-92	1.94	(+)	08-02-91	2.87	(+)
Combahee River Basin								
Turkey Creek near Barn- well, SC (02175300)	Lat 33°17'05'', long 81°21'46'', Barnwell County, on State Highway 168, 0.5 mi downstream from Long Branch, and 3.0 mi north of Barnwell. Drainage area is 22.8 mi ² .	1974-92	06-15-92	4.61	(+)**	11-12-90	6.73	(+)
Savannah Creek near Ehrhardt, SC (02175450)	Lat 33°02'03'', long 81°03'11'', Colleton County, on State High- way 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley. Drainage area is 12.4 mi ² .	1964-74♦ 1975-92	06-12-92	5.42	(+)	03-13-80	8.30	895
Remick Swamp near Hender- sonville, SC (02176100)	Lat 32°48'45'', long 80°42'20'', Colleton County, on U.S. Highway 17-A, 1.5 mi upstream from Bluehouse Swamp, and 2.0 mi northeast of Hendersonville. Drainage area is 7.67 mi ² .	1966-74♦ 1975-92	04-22-92	2.40	(+)**	09-05-87	5.36	(+)
Broad River Basin								
Tributary to Coosawhatchie River at Allen- dale, 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 .	1985-92	02-18-92	4.68	79.3	12-13-85	6.99	147
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 .	1990-92	06-15-92	4.24	92.0	08-03-91	6.09	312
Elbo Creek near Grays, SC (021765155)	Lat 32°40'43'', long 81°03'00'', Jasper County, on State road 3, 13.5 mi north of Ridgeland, 1.9 mi west of Grays. Drainage area is 8.27 mi ² .	1990-92	04-22-92	6.89	(+)	08-03-91	8.30	(+)
Great Swamp near Ridge- land, SC (02176875)	Lat 32°29'45'', long 81°01'07'', Jasper County, on State Highway 39, 2.5 mi northeast of Ridgeland. Drainage area is 48.8 mi ² .	1977-84♦ 1987-92	01-14-92	4.44	64.2	01-24-87	6.57	2,250

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1992 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (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♦ 1975-92	B	A	(+)	01-26-78	6.50	450
Cane Creek near Walhalla, SC (02185400)	Lat 34°46'48'', long 83°06'22'', Oconee County, on State Highway 28, 2.5 mi northwest of Walhalla. Drainage area is 1.08 mi ² .	1967-74♦ 1975-92	08-22-92	5.26	176	04-14-80	6.42	656
Dye Creek at Anderson, SC (02187268)	Lat 34°30'01'', long 82°40'13'', Anderson County, at the Market Street (SR 22) crossing of Dye Creek, 1.2 mi west of City Hall, 0.5 mi upstream from the mouth at Generossee Creek. Drainage area is 2.85 mi ² .	1986-92	09-06-92	4.81	502	10-01-89	7.68	(+)
Broadway Creek near Anderson, SC (02187900)	Lat 34°30'09'', long 82°35'00'', Anderson County, on State High- way 48, 0.1 mi down stream from Cupbroad Creek and 3.8 mi east east of Anderson. Drainage area is 26.4 mi ² .	1967-74 1975-92	02-25-92	5.85	568	10-01-89 03-17-90	12.28	652
Camp Creek near Honea Path, SC (02192450)	Lat 34°23'18'', long 82°29'00'', Anderson County, on State Highway 185, 2.0 mi upstream from Little River, and 6.7 mi southwest of Honea Path. Drainage area is 1.59 mi ² .	1975-92	B	A	(+)	02-14-84	6.79	(+)
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 .	1990-92	03-07-92	8.16	(+)	03-07-92	8.16	(+)
Log Creek near Edge- field, 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♦ 1972-92	B	A	(+)	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 .	1991-92	B	A	(+)	06-20-91	4.58	89
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 .	1977-92	04-23-92	4.12	282	08-04-91	5.68	552

+ 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.

U.S. GEOLOGICAL SURVEY

DISCHARGE MEASUREMENTS AT PARTIAL-RECORD STATIONS

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 not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to these events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

STATION NO.	STATION NAME	LOCATION	DRAINAGE AREA (mi ²) (Approx)	PERIOD OF RECORD (WT YR)	DATE	GAGE HEIGHT (FT)	DISCHARGE (ft ³ /S)
Santee River Basin							
02148312	Wateree River @ Union Camp nr Eastover, SC	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.	5,590	1984-1992	10-30-81 12-12-81 01-27-92 03-05-92 05-15-92 06-10-92 07-10-92 08-24-92	86.62 92.06 91.88 98.14 94.94 97.12 92.31 92.34	1,670 4,900 4,840 9,900 7,160 9,150 4,970 5,140
02171001	Santee River @ Lake Marion Tail Race, nr Pineville, SC	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.	14,700	1966-1992	10-29-81 01-24-92 04-14-92 07-09-92	26.80 27.00 26.80 26.94	760 810 730 830
02171520	Little River nr Pineville, SC	Lat 33°28'56'', long 80°09'43'', Clarendon County, 4.5 mi upstream from Dead River, 8.1 mi west of Pineville.		1946-1992	10-29-81 01-24-92 04-14-92 07-09-92	-- -- -- --	15 18 18 18
Edisto River Basin							
02174048	Edisto River @ SCE&G Plant nr Canadys, SC	Lat 33°04'00'', long 80°37'26'', Colleton County, 1.0 mi north of Canadys, and 12.0 mi north of Walterboro.	1,850	1982-1992	10-28-81 12-13-81 01-22-92 03-06-92 04-15-92 06-02-92 07-07-92 08-17-92	54.27 55.09 57.52 56.22 56.14 54.09 55.92 55.18	1,560 1,380 2,430 2,970 1,850 1,300 1,740 1,340

GROUND WATER RECORDS

GROUND-WATER LEVELS

AIKEN COUNTY

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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 357 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

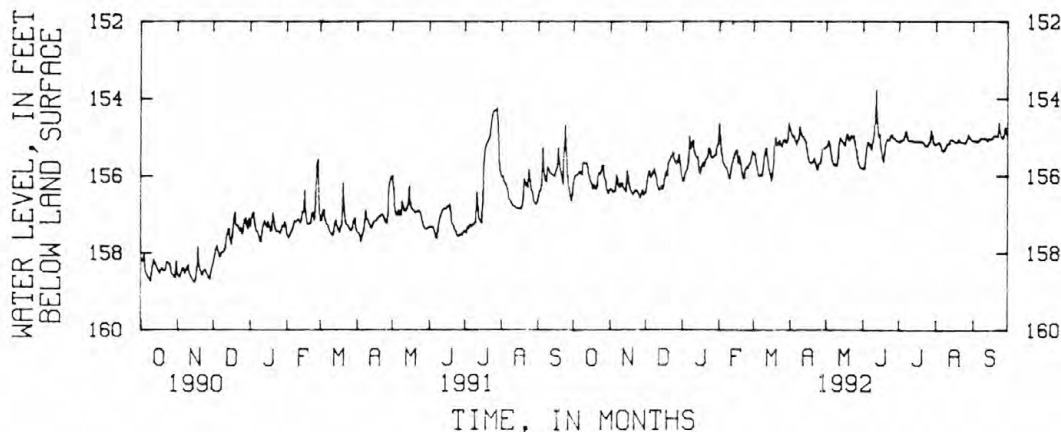
REMARKS.--Also known as SRP-4M. Electric log available in District files.

PERIOD OF RECORD.--May 1952 to current year. 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, 159.22 ft below land-surface datum, May 29, 1957.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	156.20	156.35	156.42	156.14	154.65	155.42	154.77	155.25	155.82	155.12	155.19	155.11
2	156.02	156.37	156.21	156.12	155.04	155.43	154.91	155.20	155.82	155.12	155.17	155.10
3	155.98	156.43	155.87	155.95	155.44	155.60	155.00	155.10	155.58	155.08	155.14	155.10
4	155.98	156.41	155.87	155.88	155.65	155.81	154.96	155.21	155.25	155.08	155.15	155.12
5	155.93	156.40	156.05	155.83	155.72	156.01	155.06	155.43	155.13	155.06	155.22	155.11
6	155.89	155.99	155.99	155.66	155.79	156.02	155.19	155.61	155.16	154.91	155.35	155.08
7	155.92	156.08	155.87	154.97	155.80	155.97	155.11	155.72	155.24	154.84	155.37	155.04
8	155.97	156.29	155.81	155.30	155.90	156.00	155.04	155.71	155.31	154.99	155.34	155.03
9	155.66	156.30	155.92	155.14	156.09	155.87	154.73	155.75	155.14	155.08	155.27	155.03
10	155.67	156.19	156.09	155.09	156.07	155.49	154.89	155.74	154.96	155.11	155.20	155.04
11	155.67	156.21	156.30	155.37	155.83	155.30	154.99	155.56	154.55	155.10	155.16	155.02
12	155.67	156.34	156.38	155.48	155.65	155.29	154.98	155.13	153.78	155.10	155.16	155.07
13	155.76	156.38	156.34	155.52	155.54	155.55	155.06	155.02	154.60	155.11	155.07	155.11
14	156.01	156.42	156.27	155.54	155.43	155.84	155.12	155.08	154.99	155.12	155.06	155.03
15	156.13	155.87	156.35	155.85	155.34	155.97	155.32	155.13	154.94	155.11	155.09	155.05
16	156.20	155.98	156.26	155.94	155.34	156.14	155.54	155.19	155.27	155.12	155.11	155.06
17	156.35	156.28	156.05	155.77	155.68	156.00	155.65	155.21	155.57	155.12	155.14	155.03
18	156.24	156.38	155.88	155.67	155.52	155.69	155.68	154.94	155.65	155.11	155.14	154.99
19	156.32	156.46	155.98	155.75	155.66	155.03	155.67	154.92	155.42	155.13	155.12	154.95
20	156.36	156.50	155.66	155.65	155.93	155.01	155.63	155.08	155.15	155.12	155.06	154.96
21	156.26	156.43	155.59	155.56	156.08	155.21	155.55	155.06	155.06	155.13	155.11	154.98
22	155.92	156.37	155.51	155.50	156.07	155.18	155.67	154.95	155.07	155.17	155.14	154.97
23	155.96	156.39	155.45	155.28	155.84	155.08	155.83	155.00	155.08	155.22	155.14	154.63
24	155.90	156.42	155.39	155.32	155.78	155.21	155.84	154.96	154.95	155.23	155.15	154.82
25	155.74	156.51	155.59	155.51	155.80	155.24	155.70	155.11	154.93	155.22	155.16	155.01
26	155.74	156.59	155.69	155.53	155.71	155.09	155.67	155.32	155.01	155.16	155.13	155.04
27	156.04	156.48	155.68	155.51	155.68	155.05	155.54	155.51	155.02	155.10	155.05	154.99
28	156.14	156.39	155.60	155.48	155.52	155.12	155.32	155.66	155.05	154.82	154.94	154.75
29	156.39	156.50	155.45	155.46	155.37	155.13	155.28	155.76	155.10	154.95	154.99	154.87
30	156.48	156.47	155.68	155.21	---	155.04	155.28	155.81	155.10	155.14	155.06	154.92
31	156.39	---	156.00	155.18	---	154.65	---	155.82	---	155.20	155.09	---
MEAN	156.03	156.34	155.91	155.55	155.65	155.47	155.30	155.32	155.12	155.09	155.14	155.00
MAX	156.48	156.59	156.42	156.14	156.09	156.14	155.84	155.82	155.82	155.23	155.37	155.12
MIN	155.66	155.87	155.39	154.97	154.65	154.65	154.73	154.92	153.78	154.82	154.94	154.63



GROUND-WATER LEVELS

BARNWELL COUNTY

332358081252000. Local number, BW-78.

LOCATION.--Lat 33°23'58'', long 81°25'20'', Hydrologic Unit 03050207, 26 ft south of West Street, 41 ft east of Elko Street in Williston.

Owner: Town of Williston.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 12 in from surface to 500 ft, 10 in from 500 to 785 ft, depth 785 ft, screened intervals 568-578, 599-604, 638-658, 702-712, 734-744, 760-770 ft, gravel packed.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

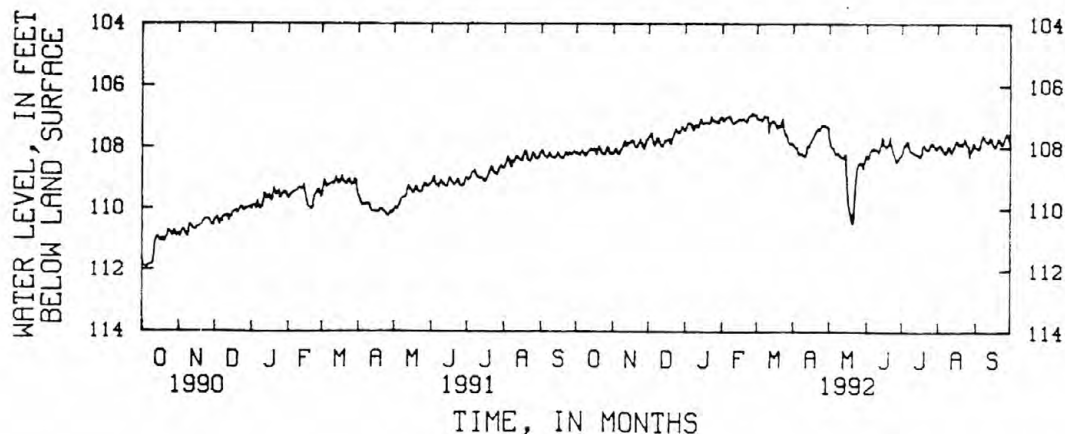
REMARKS.--Test hole Gamma logged Aug. 6, 1970 to 808 ft. Resistivity logged Aug. 6, 1970 to 800 ft. Pump test and water-quality data available in District files.

PERIOD OF RECORD.--July 1981 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 106.03 ft below land-surface datum, Feb. 12, 1985; lowest, 112.32 ft below land-surface datum, June 5, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108.21	108.21	107.68	107.44	107.06	107.05	107.93	107.73	108.28	108.24	107.97	107.98
2	108.19	108.13	107.60	107.35	107.14	107.10	107.98	107.94	108.35	108.15	107.92	108.01
3	108.22	108.06	107.55	107.23	107.10	107.10	108.04	108.00	108.32	107.91	107.94	108.04
4	108.27	108.10	107.70	107.22	107.07	107.08	108.02	108.02	108.13	107.95	108.02	108.05
5	108.18	108.22	107.90	107.24	107.03	107.15	108.18	108.12	108.06	107.81	108.11	107.93
6	108.12	108.22	107.94	107.25	107.02	107.10	108.25	108.24	108.08	107.81	108.18	107.72
7	108.16	108.12	107.84	107.36	107.00	106.98	108.22	108.23	108.03	107.98	108.21	107.62
8	108.25	108.06	107.72	107.43	107.06	107.00	108.22	108.20	108.06	108.09	108.15	107.67
9	108.29	107.98	107.72	107.33	107.18	107.00	108.27	108.26	108.06	108.14	108.00	107.76
10	108.23	107.82	107.85	107.29	107.24	107.00	108.30	108.30	108.11	108.15	107.98	107.80
11	108.16	107.81	107.93	107.33	107.20	107.54	108.30	108.34	108.15	108.18	108.08	107.85
12	108.10	107.95	107.97	107.34	107.19	107.32	108.18	108.35	108.08	108.21	108.17	107.81
13	108.05	107.92	107.97	107.21	107.15	107.20	107.96	108.34	107.94	108.23	108.10	107.68
14	108.10	107.84	107.84	107.09	107.13	107.15	107.99	108.25	107.68	108.24	108.00	107.72
15	108.10	107.86	107.78	107.19	107.08	107.14	107.88	108.88	107.74	108.26	107.88	107.86
16	108.06	107.82	107.80	107.23	107.11	107.19	107.82	109.56	107.92	108.30	107.79	107.95
17	108.13	107.77	107.75	107.22	107.12	107.27	107.74	109.94	107.98	108.31	107.81	107.98
18	108.23	107.82	107.73	107.20	107.09	107.39	107.67	110.18	107.99	108.21	107.92	107.96
19	108.07	107.93	107.87	107.20	107.08	107.30	107.58	110.36	107.93	107.97	107.91	107.84
20	107.98	108.00	107.89	107.22	107.15	107.35	107.49	110.48	107.84	107.93	107.86	107.72
21	108.06	108.00	107.71	107.22	107.17	107.34	107.41	110.41	107.65	108.00	107.94	107.75
22	108.17	107.94	107.61	107.18	107.14	107.17	107.40	109.62	107.90	108.06	107.86	107.84
23	108.21	107.84	107.50	107.02	107.00	107.08	107.43	109.06	108.11	108.08	107.72	107.90
24	108.24	107.75	107.41	107.09	106.99	107.45	107.36	108.67	108.21	108.07	107.79	107.88
25	108.23	107.86	107.48	107.15	106.96	107.61	107.27	108.55	108.32	107.99	107.93	107.76
26	108.13	107.99	107.53	107.16	106.88	107.59	107.29	108.50	108.49	107.88	107.97	107.63
27	107.99	108.05	107.53	107.16	106.96	107.70	107.30	108.53	108.45	107.87	108.29	107.54
28	108.04	107.93	107.46	107.19	106.95	107.85	107.30	108.51	108.40	107.92	108.14	107.58
29	108.22	107.77	107.32	107.20	106.94	107.90	107.34	108.68	108.32	107.97	108.07	107.71
30	108.22	107.74	107.36	107.09	---	107.89	107.36	108.48	108.29	108.03	107.87	107.86
31	108.20	---	107.43	107.03	---	107.88	---	108.28	---	108.07	107.88	---
MEAN	108.16	107.95	107.69	107.22	107.08	107.32	107.78	108.74	108.10	108.06	107.98	107.81
MAX	108.29	108.22	107.97	107.44	107.24	107.90	108.30	110.48	108.49	108.31	108.29	108.05
MIN	107.98	107.74	107.32	107.02	106.88	106.98	107.27	107.73	107.65	107.81	107.72	107.54



GROUND-WATER LEVELS

BEAUFORT COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.8 ft above land-surface datum.

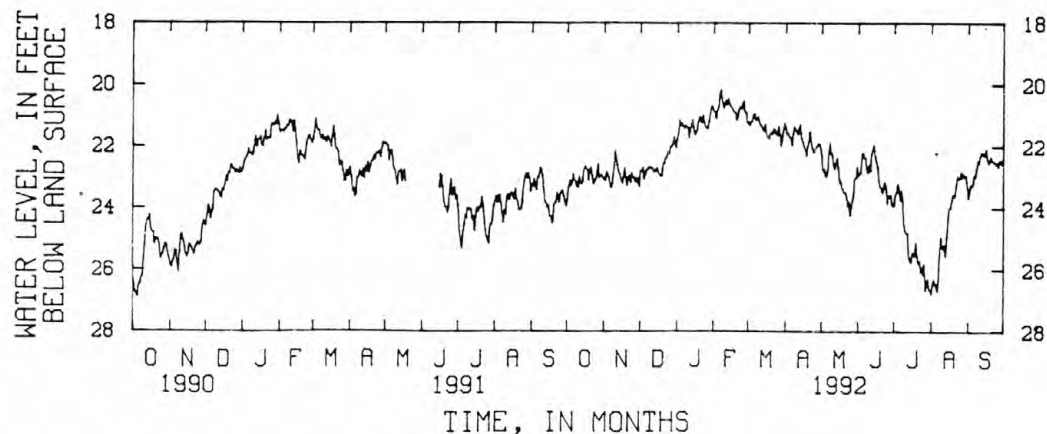
REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the 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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.76	23.10	22.80	21.76	20.84	21.21	21.36	22.28	22.94	23.89	26.79	23.68
2	23.31	23.11	22.78	21.57	20.87	21.32	21.61	22.80	22.86	23.55	26.48	23.47
3	23.12	22.85	22.70	21.15	21.08	21.21	21.57	22.74	22.84	23.46	26.34	23.27
4	23.30	22.91	23.04	21.33	20.83	21.18	21.68	22.96	22.24	23.22	26.44	23.29
5	23.18	23.00	22.93	21.24	20.72	20.97	21.73	22.96	22.21	23.35	26.51	23.19
6	22.92	23.33	22.77	21.34	20.23	20.94	21.96	22.72	22.36	23.75	26.69	22.93
7	23.10	23.33	22.74	21.40	20.16	21.15	21.59	22.16	22.37	23.44	26.33	22.97
8	23.14	23.18	22.67	21.33	20.49	21.09	21.37	21.90	22.73	23.71	25.45	22.72
9	23.32	22.74	22.68	21.36	20.76	21.05	21.43	22.24	22.84	24.53	24.94	22.46
10	23.33	22.16	22.69	21.39	20.66	21.19	21.49	22.21	22.60	24.74	25.23	22.54
11	22.99	22.40	22.70	21.72	20.51	21.30	21.60	22.58	22.77	24.82	25.32	22.32
12	23.19	22.59	22.82	21.53	20.63	21.36	21.40	22.72	22.22	24.82	25.19	22.19
13	23.22	22.82	22.80	21.28	20.47	21.47	21.30	22.53	22.10	25.55	25.56	22.21
14	23.15	22.88	22.75	21.13	20.58	21.51	21.74	22.39	21.96	25.73	24.92	22.27
15	22.76	23.11	22.71	21.36	20.68	21.28	21.83	22.70	22.29	25.75	24.35	22.29
16	22.65	23.21	22.85	21.62	20.74	21.58	21.99	23.17	22.46	25.45	23.98	22.11
17	22.72	22.97	22.91	21.54	20.82	21.73	22.09	23.12	22.63	25.44	23.98	22.40
18	22.75	22.72	22.96	21.45	20.88	21.76	22.29	23.36	23.10	25.55	23.76	22.53
19	23.11	23.01	22.93	21.17	20.90	21.57	22.01	23.40	23.30	25.13	23.57	22.48
20	22.77	23.29	22.55	21.03	21.14	21.55	21.86	23.50	23.34	25.50	23.62	22.35
21	22.69	22.99	22.54	21.17	21.04	21.60	21.53	23.51	23.51	25.81	23.53	22.45
22	22.95	22.94	22.39	21.23	20.81	21.43	21.80	23.65	23.34	25.69	23.24	22.49
23	23.22	23.17	22.34	20.99	20.71	21.46	22.06	23.95	23.16	26.07	22.97	22.50
24	23.15	22.87	22.19	21.23	20.77	21.60	22.18	23.81	23.29	25.93	23.03	22.57
25	23.06	23.01	22.22	21.37	20.61	21.64	22.19	24.24	23.85	26.16	23.02	22.54
26	22.93	23.02	22.00	21.42	20.54	21.35	22.04	23.96	23.58	25.82	22.83	22.65
27	22.58	23.16	22.00	21.41	20.86	21.58	21.99	23.77	23.65	26.67	22.99	22.47
28	23.02	23.04	21.93	21.20	20.91	21.99	21.91	23.54	23.58	26.40	22.88	22.46
29	22.95	23.17	21.70	20.89	21.24	21.79	21.93	23.03	23.89	26.31	22.96	22.57
30	22.95	23.32	21.89	20.68	---	21.46	22.03	22.99	23.94	26.62	22.93	22.41
31	23.01	---	22.04	20.69	---	21.26	---	22.67	---	26.67	23.29	---
MEAN	23.04	22.98	22.55	21.29	20.74	21.41	21.79	23.02	22.93	25.15	24.49	22.63
MAX	23.76	23.33	23.04	21.76	21.24	21.99	22.29	24.24	23.94	26.67	26.79	23.68
MIN	22.58	22.16	21.70	20.68	20.16	20.94	21.30	21.90	21.96	23.22	22.83	22.11



GROUND-WATER LEVELS

BEAUFORT COUNTY

322745080435800. Local number, BFT-121.

LOCATION.--Lat 32°27'48'', long 80°44'05'', Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance, 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Highway 21.

Owner: U.S. Marine Corp.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.

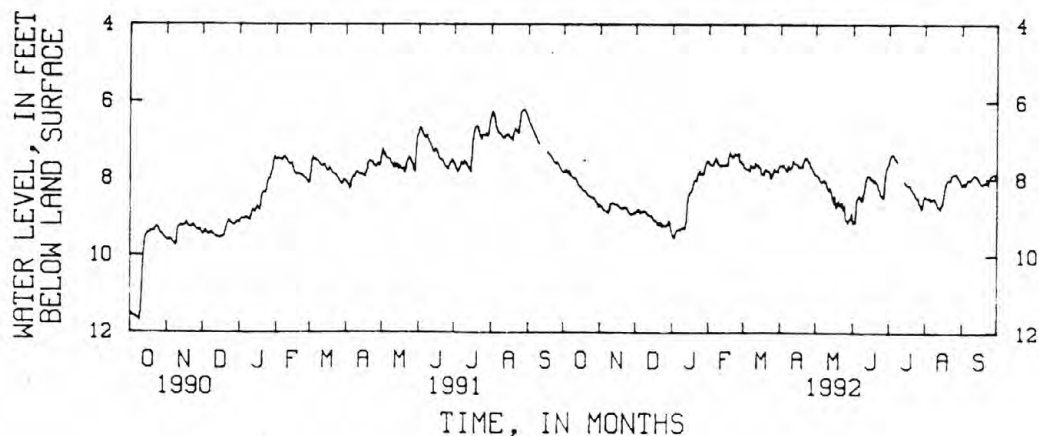
REMARKS.--Water-quality data available in District files.

PERIOD OF RECORD.--July 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 5.84 ft below land-surface datum, April 5, 1980; lowest, 11.83 ft below land-surface datum June 6, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.85	8.70	8.88	9.47	7.55	7.63	7.65	7.90	9.16	7.61	8.45	8.16
2	7.83	8.72	8.86	9.55	7.61	7.72	7.66	7.91	9.11	7.47	8.49	8.16
3	7.78	8.76	8.82	9.54	7.63	7.74	7.66	7.92	9.13	7.38	8.51	8.10
4	7.81	8.81	8.82	9.41	7.64	7.76	7.63	7.98	8.57	7.36	8.51	8.15
5	7.82	8.84	8.89	9.35	7.62	7.76	7.72	8.07	8.50	7.37	8.50	8.10
6	7.82	8.86	8.88	9.32	7.54	7.79	7.78	8.09	8.43	7.46	8.56	8.02
7	7.89	8.87	8.86	9.34	7.46	7.65	7.80	8.07	8.47	7.48	8.54	8.03
8	7.95	8.90	8.87	9.33	7.51	7.69	7.67	8.04	8.56	7.54	8.53	8.04
9	7.99	8.82	8.86	9.29	7.59	7.71	7.74	8.09	8.54	---	8.51	7.99
10	8.00	8.66	8.89	9.28	7.64	7.70	7.73	8.11	8.36	---	8.57	7.95
11	8.00	8.64	8.94	9.30	7.67	7.60	7.71	8.25	8.20	---	8.63	7.90
12	8.04	8.65	8.97	9.30	7.64	7.63	7.53	8.32	8.03	---	8.73	7.90
13	8.11	8.66	8.97	9.12	7.65	7.64	7.59	8.26	7.92	---	8.74	7.93
14	8.19	8.68	8.97	8.61	7.65	7.70	7.61	8.34	7.92	8.08	8.78	7.96
15	8.23	8.69	9.03	8.44	7.63	7.72	7.61	8.48	7.93	8.10	8.70	8.01
16	8.23	8.69	9.08	8.37	7.64	7.88	7.64	8.64	8.01	8.15	8.65	8.08
17	8.29	8.72	9.10	8.34	7.62	7.88	7.70	8.47	8.00	8.17	8.48	8.13
18	8.33	8.76	9.11	8.29	7.39	7.89	7.71	8.76	8.07	8.19	8.26	8.14
19	8.33	8.78	9.17	8.15	7.31	7.77	7.69	8.72	8.05	8.18	8.13	8.11
20	8.36	8.78	9.21	8.05	7.39	7.76	7.69	8.59	8.09	8.27	8.05	8.10
21	8.40	8.76	9.15	8.03	7.44	7.80	7.55	8.65	8.12	8.29	8.03	8.08
22	8.46	8.76	9.16	8.04	7.43	7.80	7.45	8.71	8.26	8.36	8.04	8.10
23	8.46	8.76	9.26	7.88	7.36	7.83	7.48	8.62	8.29	8.38	7.99	8.14
24	8.48	8.79	9.20	7.81	7.37	7.98	7.47	8.81	8.42	8.46	7.90	7.99
25	8.51	8.87	9.24	7.87	7.38	7.95	7.53	8.71	8.45	8.51	7.88	7.92
26	8.51	8.91	9.25	7.87	7.35	7.85	7.58	9.06	8.49	8.51	7.87	7.90
27	8.52	8.94	9.23	7.88	7.55	7.75	7.68	9.10	8.44	8.63	7.86	7.87
28	8.57	8.93	9.19	7.86	7.55	7.80	7.72	9.15	7.99	8.68	7.90	7.87
29	8.62	8.91	9.10	7.72	7.60	7.80	7.79	9.06	7.74	8.78	7.95	7.91
30	8.66	8.90	9.13	7.59	---	7.82	7.84	9.03	7.66	8.74	8.00	7.96
31	8.75	---	9.33	7.52	---	7.68	---	8.91	---	8.53	8.06	---
MEAN	8.22	8.78	9.05	8.58	7.53	7.76	7.65	8.48	8.30	---	8.32	8.02
MAX	8.75	8.94	9.33	9.55	7.67	7.98	7.84	9.15	9.16	---	8.78	8.16
MIN	7.78	8.64	8.82	7.52	7.31	7.60	7.45	7.90	7.66	---	7.86	7.87



GROUND-WATER LEVELS

BEAUFORT COUNTY

320846080502203. Local number, BFT-304.

LOCATION.--Lat 32°08'46'', long 80°50'22'', Hydrologic Unit 03050208, 300 ft south of Marsh at Haig Point, near the northern tip of Daufuskie Island.

OWNER.--U.S. Geological Survey.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 619 ft, cased to 135 ft, open hole 135 to 619 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft above lands-surface datum.

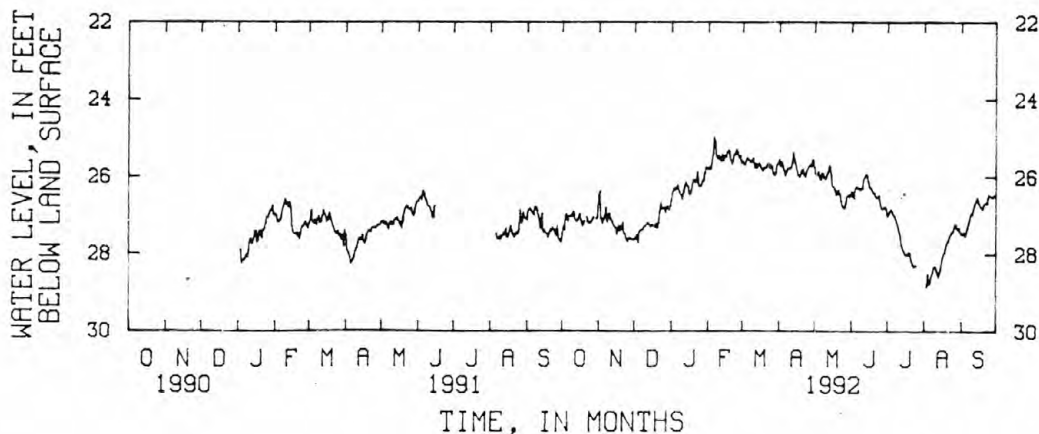
REMARKS.-- Also known as TW3 PT2. Electric log available in District files. Water-level affected by tidal fluctuations. Water-quality data available in District files. Multiple sampling points. Original depth is 746 ft. Cement plug from 619 to 649 ft; gravel filled from 649 to 706 ft; cement plug from 706 to 746 ft.

PERIOD OF RECORD.--October 1983 to current year. Record from Dec. 1958 to Sept. 1983 are unpublished but are available in District files.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 23.20 ft below land-surface datum, Feb. 7, 1985; lowest, 33.38 ft below land-surface datum, July 11, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.59	26.52	27.63	26.61	25.80	25.60	25.56	25.77	26.39	27.03	---	27.49
2	27.32	26.38	27.59	26.39	25.76	25.68	25.73	25.96	26.52	26.99	---	27.49
3	27.38	27.12	27.51	26.30	25.79	25.70	25.63	25.93	26.55	26.90	28.86	27.45
4	27.00	27.22	27.70	26.35	25.65	25.58	25.69	25.88	26.29	26.87	28.54	27.53
5	27.00	27.14	27.44	26.30	25.40	25.52	25.83	26.06	26.26	26.91	28.79	27.47
6	27.16	27.04	27.39	26.21	24.99	25.55	25.97	26.09	26.29	27.00	28.75	27.34
7	27.05	26.81	27.38	26.33	25.08	25.59	25.89	25.91	26.29	27.04	28.60	27.22
8	27.03	27.19	27.38	26.43	25.45	25.62	25.79	25.93	26.34	27.12	28.48	27.10
9	27.04	27.01	27.29	26.48	25.54	25.60	25.79	26.04	26.33	27.21	28.36	26.96
10	26.92	26.96	27.28	26.59	25.47	25.52	25.77	26.06	26.29	27.30	28.32	26.97
11	26.93	27.11	27.22	26.45	25.58	25.77	25.77	25.98	26.05	27.46	28.39	26.86
12	27.12	27.15	27.20	26.30	25.60	25.67	25.66	25.89	26.00	27.55	28.52	26.75
13	27.17	27.27	27.24	26.14	25.44	25.77	25.37	25.72	25.93	27.79	28.59	26.65
14	27.16	27.31	27.30	26.22	25.58	25.69	25.56	25.74	25.97	27.88	28.47	26.55
15	27.10	27.34	27.27	26.26	25.46	25.66	25.67	25.96	26.12	27.96	28.36	26.62
16	26.99	27.49	27.25	26.46	25.49	25.71	25.83	26.25	26.27	28.03	28.13	26.70
17	27.13	27.40	27.28	26.45	25.36	25.81	25.97	26.27	26.29	28.02	28.00	26.77
18	27.29	27.28	27.31	26.34	25.33	25.85	26.01	26.34	26.37	28.03	27.96	26.80
19	27.25	27.40	27.23	26.09	25.34	25.78	25.94	26.47	26.42	27.97	27.83	26.84
20	27.17	27.36	27.33	26.08	25.61	25.77	25.83	26.44	26.42	27.98	27.71	26.73
21	---	27.20	27.20	26.15	25.67	25.76	25.82	26.36	26.53	28.17	27.66	26.69
22	27.06	27.47	26.92	26.07	25.60	25.67	25.95	26.44	26.55	28.26	27.57	26.67
23	27.19	27.50	26.69	25.88	25.43	25.66	25.99	26.62	26.52	28.34	27.49	26.69
24	27.21	27.63	26.84	26.26	25.42	25.78	25.89	26.74	26.50	---	27.44	26.46
25	27.20	27.69	26.81	26.26	25.31	25.71	25.80	26.81	26.73	28.32	27.42	26.48
26	27.15	27.61	26.80	26.24	25.36	25.75	25.73	26.81	26.84	---	27.32	26.51
27	27.10	27.62	26.92	26.12	25.50	25.94	25.69	26.73	26.84	---	27.23	26.53
28	27.05	27.60	26.79	26.12	25.46	25.97	25.73	26.52	26.82	---	27.30	26.50
29	---	27.64	26.77	25.92	25.65	25.93	25.55	26.49	26.79	---	27.36	26.48
30	27.10	27.64	26.86	25.75	---	25.71	25.58	26.52	26.83	---	27.33	26.49
31	27.06	---	26.76	25.79	---	25.64	---	26.44	---	---	27.42	---
MEAN	---	27.27	27.18	26.24	25.49	25.71	25.77	26.23	26.41	---	---	26.86
MAX	---	27.69	27.70	26.61	25.80	25.97	26.01	26.81	26.84	---	---	27.53
MIN	---	26.38	26.69	25.75	24.99	25.52	25.37	25.72	25.93	---	---	26.46



MISCELLANEOUS GROUND-WATER SITES

433

BEAUFORT COUNTY

321558080431302. Local number, BFT-315, USGS TW 8 Point 1.

LOCATION.--Lat 32°15'54'', long 80°43'15'', Hydrologic Unit 03050208, Hilton Head, SC.

OWNER: U.S. Geological Survey.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--2 inch steel pipe extends 483 ft into bottom interval of multi-depth drilled observation well, diameter 10 in., total depth 510 ft, cased to 150 ft, cement plug between 410 ft and 450 ft. Bottom interval of open hole is 450 to 510 ft.

INSTRUMENTATION.--Intermittent measurement with chalked tape by USGS personnel.

DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (from Topographic Map).

Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.

REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.

PERIOD OF RECORDS.--April 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.15 ft below land-surface datum, Nov. 29, 1962; lowest measured, 20.14 ft below land-surface datum, Aug. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1992

<u>DATE</u>	<u>WATER LEVEL</u>	<u>DATE</u>	<u>WATER LEVEL</u>
10/31/91	17.87	04/15/92	16.15
12/11/91	17.45	06/02/92	18.03
01/27/92	17.90	07/14/92	18.03
03/03/92	16.60	09/10/92	18.21

BEAUFORT COUNTY

321558080431303. Local number, BFT-315, USGS TW 8 Point 2.

LOCATION.--Lat 32°15'54'', long 80°43'15'', Hydrologic Unit 03050208, Hilton Head, SC.

OWNER: U.S. Geological Survey.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--2 inch steel pipe extends 190 ft into top interval of multi-depth drilled observation well, diameter 10 in., total depth 410 ft, cased to 150 ft. Top interval of open hole is 150 to 410 ft.

INSTRUMENTATION.--Intermittent measurement with chalked tape by USGS personnel.

DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (from Topographic Map).

Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.

REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.

PERIOD OF RECORDS.--April 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.10 ft below land-surface datum, Nov. 29, 1962; lowest measured, 19.85 ft below land-surface datum, June 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1992

<u>DATE</u>	<u>WATER LEVEL</u>	<u>DATE</u>	<u>WATER LEVEL</u>
10/31/91	17.45	06/02/92	17.75
01/27/92	17.41	07/14/92	17.35
03/03/92	16.03	09/10/92	17.61
04/15/92	15.09		

GROUND-WATER LEVELS

BEAUFORT COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.85 ft above land-surface datum.

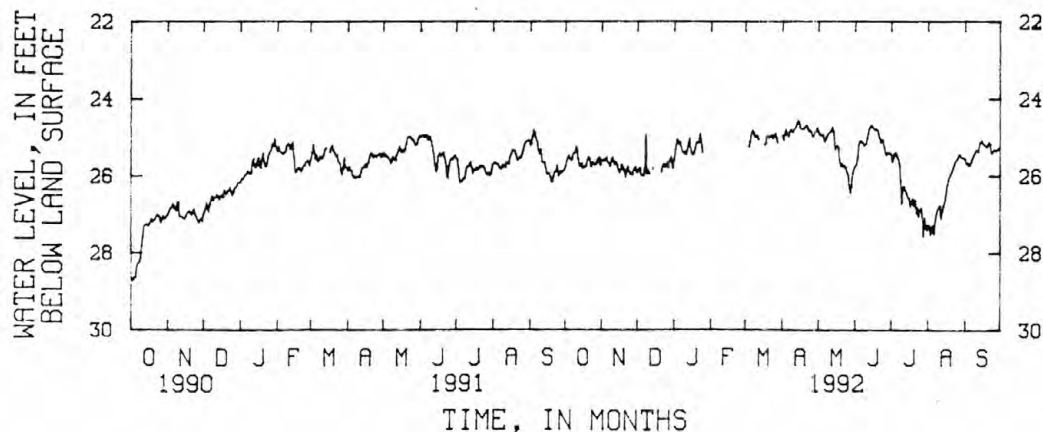
REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in District files.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.79	25.60	25.92	25.58	---	---	24.95	24.85	25.75	25.45	27.28	25.56
2	25.62	25.61	25.83	25.31	---	---	25.07	24.93	25.70	25.65	27.29	25.68
3	25.52	25.57	25.81	25.06	---	---	24.88	24.93	25.54	25.55	27.52	25.67
4	25.46	25.60	25.99	25.08	---	25.25	24.80	24.96	25.18	25.43	27.43	25.73
5	25.55	25.53	25.99	25.18	---	25.13	24.94	24.95	25.09	25.40	27.30	25.73
6	25.59	25.64	26.01	25.14	---	24.87	24.98	25.11	25.11	25.48	27.51	25.65
7	25.57	25.68	25.90	25.26	---	24.83	24.85	25.06	25.12	25.57	27.19	25.56
8	25.42	25.76	24.94	25.39	---	24.87	24.80	24.99	25.20	25.68	26.99	25.49
9	25.41	25.63	25.95	25.42	---	24.99	24.84	24.92	25.19	26.11	26.88	25.40
10	25.24	25.53	25.87	25.38	---	24.97	24.86	24.88	25.16	26.73	26.78	25.32
11	25.31	25.62	25.95	25.44	---	24.96	24.79	24.86	25.04	26.29	26.77	25.35
12	25.55	25.70	---	25.35	---	25.05	24.74	24.82	24.88	26.28	27.10	25.37
13	25.75	25.66	---	25.18	---	---	24.66	24.74	24.74	26.37	26.94	25.20
14	25.77	25.72	25.82	25.04	---	---	24.55	24.84	24.69	26.46	26.79	25.11
15	25.68	25.85	---	25.31	---	---	24.61	25.33	24.71	26.56	26.66	25.09
16	25.81	25.93	---	25.44	---	---	24.75	25.23	24.75	26.59	26.50	25.15
17	25.78	25.85	---	25.45	---	25.18	24.78	25.21	24.80	26.81	26.25	25.19
18	25.78	25.72	---	25.40	---	25.17	24.78	25.27	24.78	26.68	26.12	25.21
19	25.75	25.79	---	25.28	---	24.97	24.78	25.66	24.81	26.61	26.03	25.25
20	25.59	25.87	---	25.14	---	24.98	24.72	25.75	24.83	26.78	25.96	25.20
21	25.52	26.04	25.90	25.14	---	25.00	24.69	25.69	25.01	26.65	25.90	25.14
22	25.56	25.90	25.75	25.12	---	24.96	24.76	25.76	25.14	26.97	25.80	25.17
23	25.76	25.77	25.70	24.92	---	24.94	24.85	25.75	25.06	26.83	25.72	25.41
24	25.66	25.88	25.78	25.17	---	25.02	24.82	25.78	25.07	27.07	25.63	25.40
25	25.67	25.97	25.76	25.39	---	24.96	24.84	25.91	25.25	26.93	25.58	25.33
26	25.72	25.94	25.65	---	---	24.91	24.97	25.98	25.40	26.85	25.53	25.34
27	25.71	25.98	25.79	---	---	25.01	24.97	26.30	25.46	26.98	25.45	25.34
28	25.64	25.84	25.61	---	---	25.13	24.91	26.44	25.41	27.57	25.45	25.30
29	25.55	25.78	25.52	---	---	---	24.80	26.27	25.42	27.09	25.51	25.31
30	25.53	25.89	25.68	---	---	---	24.76	25.91	25.42	27.31	25.52	25.27
31	25.73	---	25.81	---	---	---	---	25.81	---	27.41	25.53	---
MEAN	25.61	25.76	---	---	---	---	24.82	25.38	25.12	26.46	26.42	25.36
MAX	25.81	26.04	---	---	---	---	25.07	26.44	25.75	27.57	27.52	25.73
MIN	25.24	25.53	---	---	---	---	24.55	24.74	24.69	25.40	25.45	25.09



BEAUFORT COUNTY

320910080472001. Local number, BFT-439.

LOCATION.--Lat 32°09'10'', long 80°47'20'', Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation, on Hilton Head Island.

Owner: Sea Pines Plantation.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 214 ft, cased to 125 ft, open hole from 125 to 214 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 6.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.

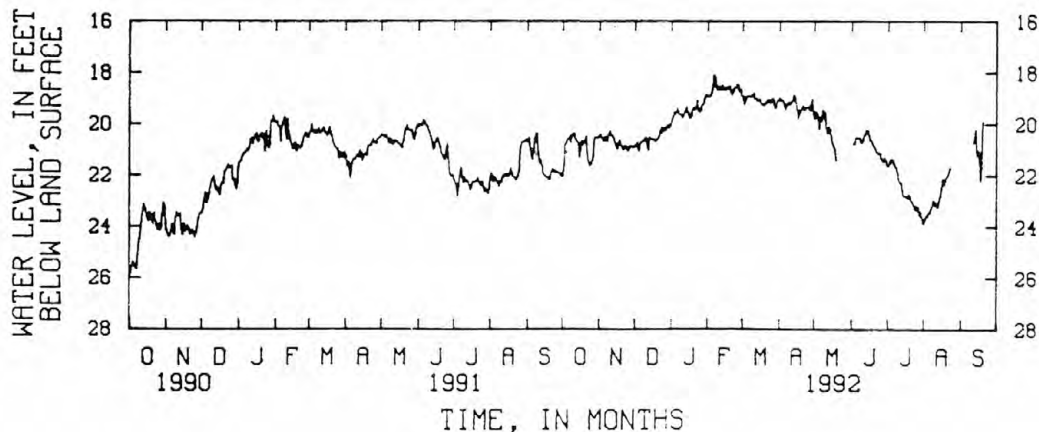
REMARKS.--Gamma log available in District files. Water-quality data available in District files.

PERIOD OF RECORD.--October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 15.32 ft below land-surface datum, Feb. 28, Mar. 17, 1983; lowest, 30.22 ft below land-surface datum, Aug. 9, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.05	20.45	20.87	19.92	18.92	18.91	18.97	19.80	---	21.65	23.88	---
2	21.60	20.42	20.80	19.72	18.90	19.22	19.09	19.53	20.76	21.57	23.71	---
3	20.79	20.54	20.74	19.55	18.91	19.08	19.05	19.56	20.77	21.40	23.56	---
4	20.73	20.65	21.05	19.60	18.79	18.94	19.09	19.77	20.52	21.37	23.60	---
5	20.59	20.65	20.82	19.53	18.57	18.92	19.29	20.20	20.53	21.39	23.47	---
6	20.56	20.52	20.70	19.40	18.09	18.90	19.43	19.73	20.52	21.55	23.45	---
7	20.47	20.67	20.67	19.54	18.15	18.90	19.30	19.87	20.53	21.67	23.33	---
8	20.73	20.67	20.67	19.62	18.51	18.93	19.16	19.46	20.67	21.71	23.20	---
9	20.41	20.39	20.57	19.64	18.67	18.87	19.17	19.52	20.72	21.90	22.99	---
10	20.38	20.31	20.54	19.75	18.54	18.82	19.23	19.56	20.64	22.17	23.02	---
11	20.39	20.43	20.86	19.70	18.62	19.01	19.19	20.17	20.45	22.29	23.14	20.70
12	20.60	20.47	21.03	19.55	18.66	19.00	19.09	20.37	20.35	22.29	23.20	20.57
13	20.70	20.56	20.50	19.36	18.52	19.10	18.85	20.14	20.23	22.56	23.23	20.23
14	20.75	20.73	20.57	19.34	18.66	19.07	18.92	20.23	20.25	22.80	22.98	21.23
15	21.31	20.85	20.58	19.52	18.60	19.06	19.16	20.51	20.41	22.81	22.82	21.07
16	21.08	20.98	20.60	19.75	18.67	19.17	19.41	20.77	20.62	22.84	22.52	21.36
17	20.67	20.80	20.62	19.77	18.60	19.25	19.80	20.82	20.65	22.86	22.13	22.21
18	20.83	20.67	20.67	19.69	18.54	19.29	19.63	21.02	20.78	22.90	22.36	21.74
19	20.73	20.83	20.63	19.40	18.53	19.20	19.52	21.40	20.86	22.74	22.22	19.91
20	20.65	20.85	20.59	19.35	18.78	19.21	19.36	---	20.95	22.80	22.08	---
21	20.51	21.02	20.48	19.42	18.84	19.15	19.29	---	21.08	23.03	22.01	---
22	21.27	20.91	20.25	19.35	18.77	19.05	19.40	---	21.15	23.04	21.89	---
23	21.52	20.86	20.13	19.10	18.61	19.05	19.45	---	21.14	23.15	21.72	---
24	21.64	20.94	20.34	19.50	18.58	19.17	19.36	---	21.13	23.32	---	---
25	21.59	21.06	20.23	19.51	18.46	19.05	19.34	---	21.35	23.36	---	---
26	21.46	20.94	20.15	19.47	18.48	19.01	19.33	---	21.45	23.21	---	---
27	21.29	20.86	20.25	19.27	18.72	19.26	19.47	---	21.45	23.23	---	---
28	20.55	20.87	20.07	19.22	18.66	19.37	19.25	---	21.34	23.57	---	---
29	20.53	20.90	20.02	19.02	18.91	19.35	19.05	---	21.43	23.44	---	---
30	20.53	20.91	20.14	18.85	---	19.11	19.66	---	21.62	23.63	---	---
31	20.55	---	20.09	18.85	---	19.06	---	---	---	23.86	---	---
MEAN	20.89	20.72	20.52	19.46	18.63	19.08	19.28	---	---	22.58	---	---
MAX	22.05	21.06	21.05	19.92	18.92	19.37	19.80	---	---	23.86	---	---
MIN	20.38	20.31	20.02	18.85	18.09	18.82	18.85	---	---	21.37	---	---



GROUND-WATER LEVELS

BEAUFORT COUNTY

321125080423000. Local number, BFT-444.

LOCATION.--Lat 32°10'35'', long 80°43'37'', Hydrologic Unit 03050208, 0.1 mi from US Highway 278 at entrance of Palmetto Dunes, 110 ft off Queen Ferry Rd, and approximately 200 ft north of the water tower on Hilton Head Island.

Owner: Palmetto Dunes Development Corp.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 212 ft, cased to 146 ft, open hole from 146 to 212 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 16.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.95 ft above land-surface datum.

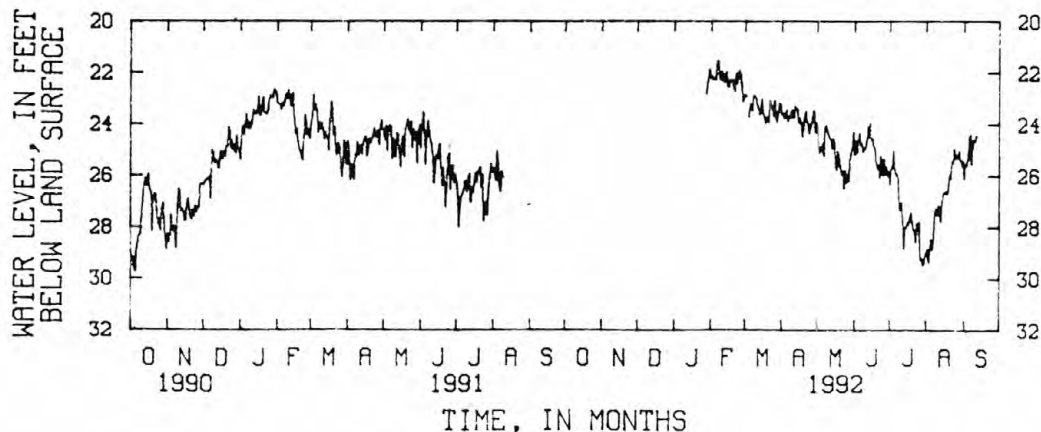
REMARKS.--Electric and Gamma logs available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 16.67 ft below land-surface datum, Jan. 19, 1976; lowest recorded, 32.81 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	22.21	22.87	23.62	24.04	25.20	26.35	28.98	26.12
2	---	---	---	---	22.15	22.89	23.59	25.13	24.63	25.76	28.85	25.54
3	---	---	---	---	22.27	---	23.78	24.91	25.13	25.56	29.36	25.59
4	---	---	---	---	22.25	23.71	23.61	25.02	24.70	25.03	28.88	25.37
5	---	---	---	---	22.27	23.21	23.46	24.78	24.35	25.72	28.47	24.51
6	---	---	---	---	21.55	23.34	23.89	25.22	24.82	26.00	28.85	24.42
7	---	---	---	---	21.53	23.46	23.71	24.14	24.74	25.94	28.49	25.55
8	---	---	---	---	22.02	22.89	23.76	24.05	25.07	26.11	27.36	24.92
9	---	---	---	---	22.29	22.89	23.44	24.25	24.93	27.35	27.28	24.61
10	---	---	---	---	21.96	22.98	23.73	24.39	24.94	27.08	27.54	24.66
11	---	---	---	---	22.06	23.23	23.72	24.54	24.70	27.07	27.15	24.46
12	---	---	---	---	22.37	23.44	23.30	24.62	24.10	27.80	27.32	---
13	---	---	---	---	22.10	23.63	23.39	24.95	24.50	28.84	27.77	---
14	---	---	---	---	21.98	23.55	23.42	24.59	23.96	28.04	27.00	---
15	---	---	---	---	22.53	23.03	23.96	24.73	24.59	28.01	26.69	---
16	---	---	---	---	22.54	23.54	23.77	25.66	24.54	27.81	26.64	---
17	---	---	---	---	22.28	23.69	23.95	25.76	24.89	27.89	26.60	---
18	---	---	---	---	22.31	23.96	24.48	25.07	24.96	27.61	26.70	---
19	---	---	---	---	22.29	23.86	24.23	25.31	25.48	27.42	26.59	---
20	---	---	---	---	22.58	23.73	23.74	25.62	25.73	27.71	25.95	---
21	---	---	---	---	22.72	23.93	23.50	25.97	25.60	28.10	26.11	---
22	---	---	---	---	22.00	23.07	23.91	25.82	26.09	28.24	25.44	---
23	---	---	---	---	22.42	23.27	23.98	26.51	25.24	28.58	25.48	---
24	---	---	---	---	22.21	23.40	24.36	25.79	25.66	27.85	24.94	---
25	---	---	---	---	21.92	23.69	24.13	26.28	25.97	27.90	25.32	---
26	---	---	---	---	22.05	23.08	23.92	25.96	25.35	27.80	25.19	---
27	---	---	---	---	22.41	23.74	23.76	26.21	25.95	29.28	25.29	---
28	---	---	---	22.80	23.13	23.90	23.47	25.37	25.66	29.24	25.06	---
29	---	---	---	22.42	22.98	23.57	24.32	25.15	26.02	29.49	25.41	---
30	---	---	---	22.21	---	23.19	23.96	24.78	25.86	29.42	25.60	---
31	---	---	---	21.88	---	23.22	---	24.29	---	29.11	25.41	---
MEAN	---	---	---	---	22.25	---	23.80	25.13	25.11	27.55	26.83	---
MAX	---	---	---	---	23.13	---	24.48	26.51	26.09	29.49	29.36	---
MIN	---	---	---	---	21.53	---	23.30	24.04	23.96	25.03	24.94	---



GROUND-WATER LEVELS

BEAUFORT COUNTY

321459080420101. Local number, BFT-786.

LOCATION.--Lat 32°14'53'', long 80°41'55'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at the end of State Road 335.

Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 524 ft, cased to 300 ft, open hole from 300 to 524 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 12.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

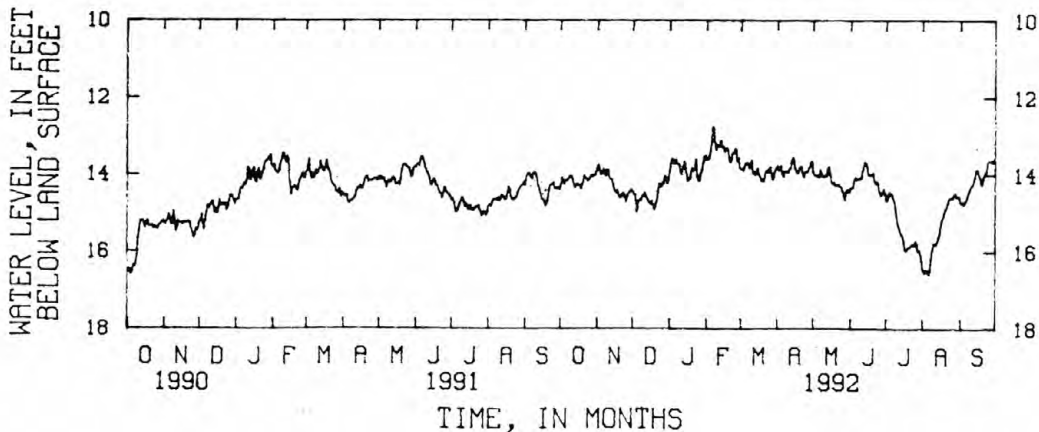
REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.

PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 8.83 ft below land-surface datum, May 18, 1980; lowest, 17.48 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.31	13.78	14.44	13.93	13.61	13.86	13.77	13.90	14.35	14.68	16.46	14.71
2	14.08	13.75	14.51	13.70	13.60	13.87	13.89	14.01	14.34	14.68	16.57	14.75
3	14.18	13.87	14.52	13.58	13.58	13.89	13.84	14.02	14.32	14.57	16.48	14.71
4	14.24	14.00	14.98	13.70	13.44	13.80	13.78	14.02	14.12	14.47	16.47	14.77
5	14.15	13.97	14.89	13.71	13.22	13.71	13.97	14.06	14.08	14.49	16.55	14.72
6	14.16	13.86	14.68	13.62	12.76	13.68	14.05	14.07	14.12	14.53	16.59	14.65
7	14.14	13.92	14.65	13.70	12.80	13.71	13.92	13.89	14.12	14.61	16.49	14.55
8	14.09	14.04	14.67	13.73	13.15	13.83	13.91	13.94	14.11	14.70	16.23	14.45
9	14.04	13.88	14.55	13.75	13.35	13.81	13.93	14.05	14.08	14.86	15.97	14.37
10	14.04	13.88	14.56	13.94	13.22	13.63	13.93	14.06	14.09	15.09	15.78	14.29
11	14.10	14.08	14.48	13.99	13.23	13.97	13.86	14.02	13.90	15.27	15.77	14.27
12	14.25	14.12	14.56	13.86	13.28	13.94	13.83	14.04	13.76	15.36	15.81	14.20
13	14.34	14.13	14.64	13.67	13.13	14.01	13.63	13.84	13.67	15.50	15.73	14.06
14	14.30	14.25	14.69	13.71	13.28	13.92	13.57	13.79	13.68	15.56	15.63	13.88
15	14.24	14.37	14.75	13.96	13.27	13.84	13.62	13.97	13.79	15.62	15.53	13.86
16	14.25	14.45	14.77	14.17	13.40	13.98	13.83	14.19	14.00	15.73	15.34	13.91
17	14.30	14.49	14.70	14.14	13.37	14.05	13.93	14.23	14.01	15.96	15.15	14.03
18	14.37	14.42	14.80	14.10	13.31	14.17	13.96	14.22	14.01	15.98	15.10	14.18
19	14.27	14.56	14.92	13.91	13.34	14.12	13.91	14.29	13.98	15.92	14.98	14.26
20	14.19	14.61	14.85	13.83	13.60	14.17	13.81	14.27	13.97	15.89	14.89	14.14
21	14.02	14.59	14.70	13.90	13.68	14.09	13.79	14.28	14.17	15.88	14.83	14.02
22	14.07	14.50	14.47	13.84	13.60	13.93	13.96	14.27	14.23	15.85	14.71	13.94
23	14.12	14.49	14.23	13.60	13.44	13.89	14.06	14.30	14.18	15.81	14.62	13.92
24	14.16	14.60	14.32	14.06	13.44	13.93	13.96	14.33	14.22	15.81	14.61	13.70
25	14.13	14.71	14.31	14.16	13.33	13.83	13.92	14.42	14.42	15.84	14.59	13.63
26	14.07	14.60	14.18	14.16	13.37	13.81	13.92	14.53	14.54	15.73	14.59	13.64
27	14.01	14.51	14.23	13.98	13.65	14.04	13.89	14.65	14.50	15.79	14.51	13.66
28	14.03	14.46	14.04	13.90	13.59	14.12	13.79	14.49	14.49	15.99	14.49	13.62
29	14.01	14.42	14.06	13.71	13.83	14.07	13.67	14.39	14.38	15.96	14.57	13.67
30	14.01	14.39	14.23	13.52	---	13.90	13.66	14.45	14.49	16.06	14.56	13.65
31	13.91	---	14.13	13.50	---	13.83	---	14.45	---	16.22	14.58	---
MEAN	14.15	14.26	14.53	13.84	13.37	13.92	13.85	14.18	14.14	15.43	15.43	14.14
MAX	14.37	14.71	14.98	14.17	13.83	14.17	14.06	14.65	14.54	16.22	16.59	14.77
MIN	13.91	13.75	14.04	13.50	12.76	13.63	13.57	13.79	13.67	14.47	14.49	13.62



GROUND-WATER LEVELS

BEAUFORT COUNTY

321459080420102. Local number, BFT-787.

LOCATION.--Lat 32°14'54'', long 80°41'57'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at the end of State Road 335.

Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 239 ft, cased to 126 ft, open hole from 126 to 239 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

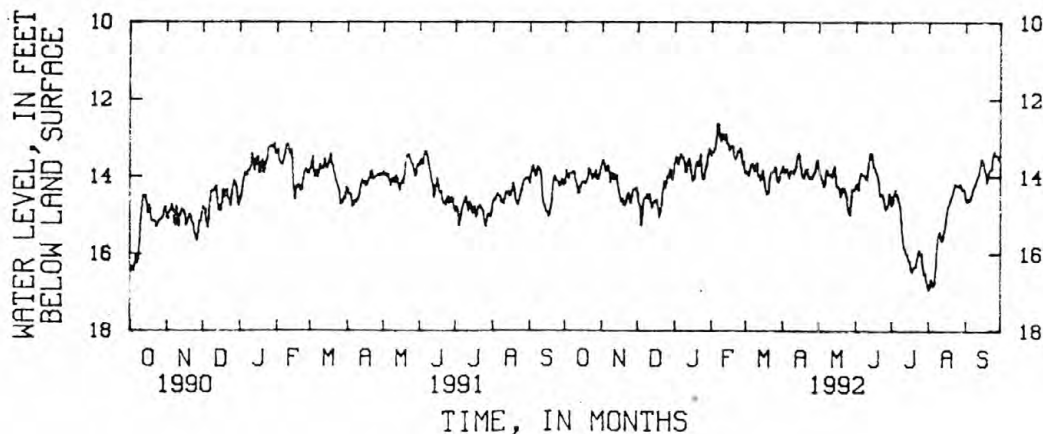
REMARKS.--Geophysical logs and Water-quality data available in District files.

PERIOD OF RECORD.--July 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 9.99 ft below land-surface datum, Mar. 9, 1978; lowest 17.68 ft below land-surface datum July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.17	13.64	14.43	13.65	13.44	13.87	13.73	13.77	14.21	14.75	16.93	14.60
2	13.83	13.56	14.69	13.48	13.35	13.91	13.89	13.95	14.17	14.68	16.88	14.66
3	13.93	13.66	14.78	13.54	13.36	13.98	13.82	14.06	14.34	14.49	16.66	14.58
4	14.04	13.85	15.27	13.68	13.27	13.86	13.79	14.17	14.05	14.35	16.77	14.63
5	13.92	13.85	15.02	13.53	13.06	13.71	13.92	14.27	13.90	14.44	16.83	14.58
6	13.92	13.72	14.61	13.41	12.63	13.67	14.03	14.20	13.95	14.54	16.78	14.47
7	13.90	13.87	14.55	13.48	12.65	13.70	13.89	13.83	13.95	14.67	16.36	14.35
8	13.85	14.15	14.55	13.49	12.90	13.85	13.84	13.84	13.98	14.79	15.82	14.26
9	13.87	13.92	14.46	13.60	13.07	13.82	13.86	13.96	14.05	15.14	15.52	14.17
10	14.10	13.91	14.57	13.88	12.89	13.65	13.91	13.95	14.08	15.59	15.43	14.08
11	14.23	14.08	14.45	13.88	12.95	14.00	13.82	13.98	13.78	15.84	15.58	14.01
12	14.44	13.96	14.68	13.68	13.04	13.97	13.74	14.01	13.53	15.88	15.67	13.93
13	14.43	13.97	14.80	13.54	12.91	14.10	13.47	13.81	13.38	16.00	15.61	13.72
14	14.25	14.17	14.69	13.65	13.13	14.01	13.38	13.74	13.40	16.03	15.41	13.53
15	14.17	14.36	14.64	13.88	13.15	13.85	13.47	13.98	13.56	16.17	15.27	13.56
16	14.13	14.52	14.65	14.11	13.31	14.05	13.76	14.27	13.75	16.19	14.98	13.63
17	14.14	14.65	14.60	14.09	13.27	14.29	13.99	14.27	13.80	16.41	14.75	13.80
18	14.18	14.58	14.81	14.04	13.20	14.46	14.04	14.32	13.91	16.48	14.73	13.92
19	14.10	14.74	15.05	13.73	13.21	14.45	13.98	14.52	13.98	16.39	14.61	14.15
20	14.03	14.75	14.94	13.61	13.48	14.42	13.82	14.44	14.11	16.33	14.53	14.02
21	13.78	14.68	14.73	13.72	13.55	14.09	13.81	14.30	14.50	16.34	14.45	13.84
22	13.84	14.51	14.35	13.63	13.48	13.88	13.97	14.31	14.51	16.17	14.31	13.80
23	13.93	14.43	14.12	13.42	13.35	13.89	14.05	14.40	14.46	15.99	14.19	13.80
24	14.06	14.54	14.29	13.98	13.37	13.86	14.01	14.51	14.57	15.90	14.20	13.47
25	14.03	14.69	14.15	14.07	13.27	13.74	14.06	14.83	14.79	16.01	14.24	13.35
26	13.92	14.52	13.96	14.05	13.36	13.77	13.98	14.95	14.86	15.99	14.25	13.40
27	13.85	14.35	14.02	13.82	13.68	14.09	13.90	15.00	14.80	16.27	14.19	13.45
28	14.06	14.33	13.81	13.73	13.61	14.14	13.86	14.64	14.72	16.54	14.23	13.45
29	14.06	14.31	13.86	13.48	13.92	14.08	13.57	14.33	14.44	16.49	14.34	13.55
30	13.94	14.29	14.08	13.27	---	13.90	13.56	14.35	14.53	16.70	14.32	13.47
31	13.80	---	13.93	13.30	---	13.84	---	14.31	---	16.84	14.37	---
MEAN	14.03	14.22	14.50	13.69	13.24	13.96	13.83	14.23	14.14	15.75	15.23	13.94
MAX	14.44	14.75	15.27	14.11	13.92	14.46	14.06	15.00	14.86	16.84	16.93	14.66
MIN	13.78	13.56	13.81	13.27	12.63	13.65	13.38	13.74	13.38	14.35	14.19	13.35



GROUND-WATER LEVELS

BEAUFORT COUNTY

321603080432201. Local number, BFT-1809.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, Dolphin Head Recreation Park on Hilton Head Plantation on Hilton Head Island.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 903 ft, cased to 227 ft, open hole from 227 to 903 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.25 ft above land-surface datum.

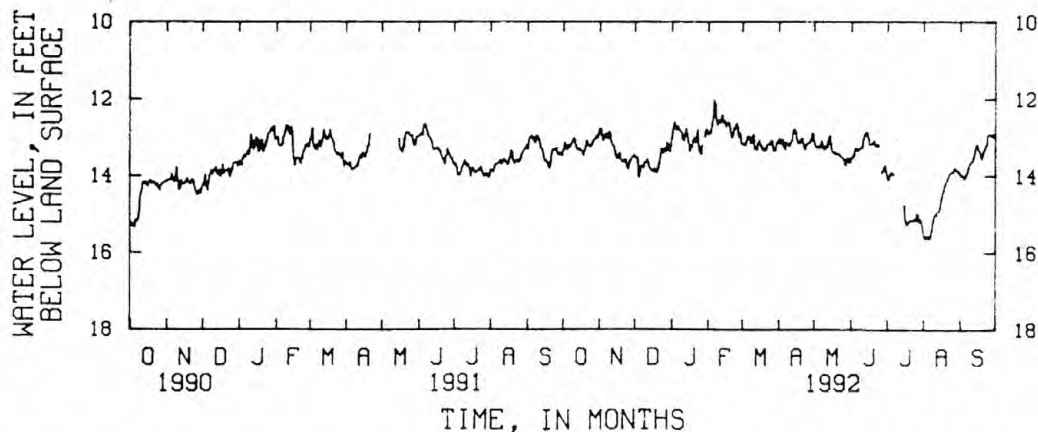
REMARKS.--Water level affected by tidal fluctuations.

PERIOD OF RECORD.--August 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.03 ft below land-surface datum, Feb. 6, 1992; lowest, 16.16 ft below land-surface datum, July 12, 13, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.35	12.78	13.51	13.02	12.92	13.17	13.04	13.13	13.52	14.10	15.56	13.99
2	13.14	12.78	13.53	12.77	12.89	13.20	13.17	13.25	13.52	14.11	15.65	14.00
3	13.28	12.93	13.53	12.61	12.88	13.22	13.06	13.28	13.46	14.00	15.60	14.00
4	13.31	13.09	14.04	12.75	12.71	13.12	13.05	13.23	13.29	13.91	15.58	14.08
5	13.21	13.02	13.89	12.80	12.49	13.01	13.23	13.27	13.29	13.92	15.62	14.05
6	13.26	12.91	13.75	12.72	12.03	12.98	13.31	13.27	13.34	13.97	15.65	13.98
7	13.22	12.97	13.75	12.80	12.13	13.02	13.14	13.10	13.32	---	15.56	13.89
8	13.15	13.03	13.78	12.84	12.54	13.16	13.17	13.21	13.30	---	15.42	13.78
9	13.09	12.85	13.65	12.86	12.69	13.11	13.21	13.32	13.26	---	15.21	13.69
10	13.02	12.89	13.65	13.07	12.55	12.93	13.22	13.30	13.26	---	15.03	13.64
11	13.07	13.13	13.57	13.09	12.58	13.33	13.13	13.23	13.03	---	14.99	13.52
12	13.22	13.20	13.67	12.97	12.62	13.25	13.09	13.24	12.94	---	15.02	13.54
13	13.32	13.24	13.78	12.79	12.43	13.32	12.82	13.03	12.85	---	14.94	13.40
14	13.33	13.36	13.83	12.90	12.62	13.17	12.79	12.97	12.89	---	14.90	13.21
15	13.30	13.50	13.88	13.12	12.58	13.10	12.83	13.17	13.00	14.77	14.82	13.18
16	13.35	13.55	13.89	13.37	12.73	13.21	13.04	13.39	13.18	15.13	14.63	13.25
17	13.38	13.50	13.82	13.28	12.65	13.22	13.14	13.42	13.17	15.27	14.45	13.37
18	13.47	13.42	13.91	13.24	12.62	13.34	13.16	13.40	13.17	15.26	14.40	13.50
19	13.35	13.57	13.91	13.07	12.66	13.29	13.13	13.45	13.14	15.20	14.27	13.55
20	13.25	13.62	13.81	13.02	12.97	13.36	13.04	13.43	13.10	15.17	14.18	13.42
21	13.09	13.64	13.70	13.12	13.02	13.32	13.04	13.44	13.23	15.16	14.13	13.31
22	13.16	13.59	13.52	13.06	12.93	13.19	13.25	13.45	13.24	15.16	14.02	13.23
23	13.21	13.58	13.29	12.82	12.76	13.17	13.33	13.50	13.18	15.14	13.94	13.19
24	13.24	13.73	13.40	13.38	12.78	13.18	13.22	13.52	13.23	15.15	13.93	12.94
25	13.20	13.82	13.39	13.42	12.65	13.09	13.17	13.54	---	15.16	13.90	12.92
26	13.13	13.68	13.27	13.43	12.74	13.10	13.16	13.61	13.91	15.00	13.89	12.94
27	13.06	13.60	13.35	13.22	13.01	13.35	13.14	13.72	13.85	14.99	13.80	12.97
28	13.04	13.55	13.14	---	12.92	13.37	13.10	13.56	13.80	15.20	13.81	12.92
29	12.96	13.51	13.20	12.99	13.19	13.33	12.90	13.55	13.74	15.13	13.87	13.00
30	13.02	13.47	13.37	12.80	---	13.15	12.91	13.66	13.88	15.18	13.87	12.96
31	12.93	---	13.22	12.82	---	13.10	---	13.63	---	15.35	13.90	---
MEAN	13.20	13.32	13.61	---	12.70	13.19	13.10	13.36	---	---	14.66	13.45
MAX	13.47	13.82	14.04	---	13.19	13.37	13.33	13.72	---	---	15.65	14.08
MIN	12.93	12.78	13.14	---	12.03	12.93	12.79	12.97	---	---	13.80	12.92



GROUND-WATER LEVELS

BEAUFORT COUNTY

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 Water Resources Commission.

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.--Water-stage recorder--60 minute punch interval and USGS mini-monitor.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .80 ft above land-surface datum.

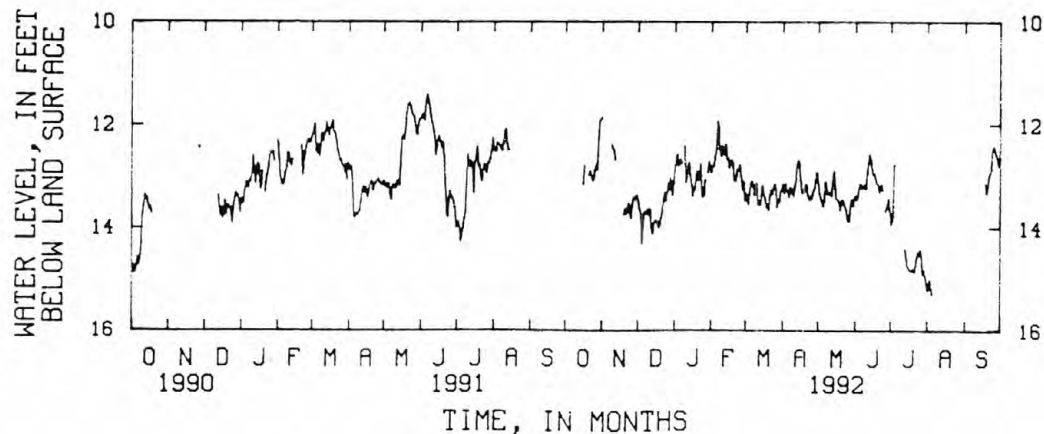
REMARKS.--Water level affected by tidal fluctuations. Well also sampled for water quality.

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, 16.18 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	11.87	13.47	12.88	12.93	13.34	13.15	13.13	13.37	13.94	15.23	---
2	---	---	13.63	12.61	12.80	13.42	13.33	13.34	13.45	13.90	15.19	---
3	---	---	13.73	12.57	12.80	13.54	13.14	13.44	13.41	13.78	15.01	---
4	---	---	14.33	12.80	12.66	13.35	13.26	13.51	13.21	12.77	15.17	---
5	---	---	14.00	12.77	12.48	13.15	13.29	13.58	13.13	---	15.30	---
6	---	---	13.70	12.67	11.92	13.09	13.40	13.48	13.23	---	---	---
7	---	---	13.69	12.74	11.99	13.17	13.21	13.09	13.18	---	---	---
8	---	---	13.74	---	12.47	13.38	13.24	13.24	13.17	---	---	---
9	---	12.40	13.64	12.40	12.61	13.28	13.32	13.35	13.23	---	---	---
10	---	12.49	13.76	13.13	12.40	13.12	13.38	13.32	13.24	---	---	---
11	---	12.50	13.65	13.06	12.49	13.57	13.19	13.34	12.93	---	---	---
12	---	12.68	14.02	12.87	12.58	13.48	13.10	13.38	12.73	---	---	---
13	---	---	14.13	12.73	12.38	13.56	12.74	13.12	12.57	14.42	---	---
14	---	---	13.91	12.95	12.67	13.37	12.68	12.89	12.67	14.59	---	---
15	---	---	13.86	13.15	12.66	13.18	12.73	13.18	12.84	14.75	---	---
16	13.17	---	13.90	13.40	12.84	13.35	13.07	13.44	12.96	14.79	---	---
17	12.80	---	13.87	13.29	12.73	13.42	13.30	13.45	12.95	14.83	---	---
18	---	---	14.00	13.25	12.69	13.61	13.34	13.50	13.05	14.83	---	13.15
19	---	13.76	13.97	12.96	12.74	13.61	13.29	13.66	13.14	14.84	---	13.33
20	---	13.64	13.82	12.89	13.09	13.66	13.16	13.56	13.16	14.81	---	13.19
21	12.98	13.74	13.72	13.08	13.09	13.42	13.16	13.46	13.31	14.87	---	13.00
22	12.90	13.63	13.49	12.94	13.01	13.26	13.36	13.49	13.23	14.75	---	12.94
23	13.03	13.53	13.31	12.76	12.86	13.35	13.46	13.58	13.16	14.59	---	12.86
24	13.10	13.71	13.49	13.41	12.89	13.23	13.39	13.64	13.26	14.47	---	12.48
25	13.04	13.83	13.33	13.40	12.77	13.14	13.44	13.81	---	14.53	---	12.42
26	12.89	13.58	13.13	13.37	12.98	13.22	13.35	13.88	13.68	14.43	---	12.50
27	12.78	13.42	13.27	13.07	13.27	13.60	13.26	13.87	13.63	14.54	---	12.58
28	12.89	13.46	13.03	---	13.10	13.51	13.21	13.57	13.56	14.91	---	12.67
29	12.30	13.39	13.18	12.92	13.49	13.49	12.91	13.44	13.44	14.83	---	12.79
30	11.92	13.38	13.37	12.71	---	13.29	12.92	13.57	13.67	14.94	---	12.64
31	11.89	---	13.15	12.79	---	13.25	---	13.39	---	15.08	---	---
MEAN	---	---	13.65	---	12.74	13.37	13.19	13.44	---	---	---	---
MAX	---	---	14.33	---	13.49	13.66	13.46	13.88	---	---	---	---
MIN	---	---	13.03	---	11.92	13.09	12.68	12.89	---	---	---	---



QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Febuary 1987 to current year.

SPECIFIC CONDUCTANCE AT 190 FEET: Febuary 1987 to current year.

SPECIFIC CONDUCTANCE AT 200 FEET: Febuary 1987 to current year.

INSTRUMENTATION.--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, 4,240 microsiemens, Sept. 30, 1992; minimum, 440 microsiemens, Dec. 11, 1987.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,630 microsiemens, Dec. 23, 1988; minimum, 1590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 636 microsiemens, July 29; minimum, 428 microsiemens, Oct. 3, 4, 6, Nov. 8.

SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 4,240 microsiemens, Sept. 30; minimum, 3,500 microsiemens, Oct. 31.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 7,990 microsiemens, May 15; minimum, 7,020 microsiemens, July 29.

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	588	434	478	578	442	479	554	444	466	560	442	461
2	576	434	476	566	436	473	560	444	474	550	444	459
3	532	428	461	546	434	465	578	444	477	556	444	461
4	568	428	469	560	432	463	554	444	471	536	442	461
5	554	436	469	558	436	476	602	444	490	528	444	459
6	534	428	462	582	434	479	578	444	474	526	444	457
7	554	434	473	576	436	471	544	444	464	514	444	455
8	560	436	471	578	428	476	536	444	461	---	---	---
9	556	442	469	588	436	474	536	444	459	---	---	---
10	580	434	472	568	436	463	558	446	471	598	528	557
11	568	434	469	556	436	460	576	446	475	528	512	518
12	548	436	460	532	434	451	608	446	500	512	500	504
13	554	434	461	538	434	455	594	446	499	504	492	497
14	576	432	469	544	434	455	580	446	471	494	482	489
15	580	436	477	536	436	456	510	442	453	484	480	481
16	---	---	---	520	436	460	498	442	454	482	472	478
17	---	---	---	560	432	465	550	442	465	476	468	472
18	---	---	---	576	432	483	536	442	461	478	466	470
19	---	---	---	564	436	479	594	442	483	470	462	468
20	---	---	---	582	438	481	592	442	486	470	462	466
21	---	---	---	600	442	487	604	444	486	468	458	464
22	---	---	---	592	438	480	598	446	488	466	458	462
23	---	---	---	580	436	480	602	446	484	468	460	463
24	568	436	469	566	436	466	566	446	475	466	456	459
25	568	436	474	582	434	471	582	446	475	460	454	457
26	564	438	471	570	444	474	548	444	467	460	450	457
27	558	434	466	558	444	471	500	444	456	460	448	455
28	578	436	468	568	442	473	534	444	462	470	454	461
29	546	434	464	538	444	468	504	442	451	462	450	457
30	532	434	454	546	444	469	500	442	450	460	454	457
31	560	434	466	---	---	---	542	442	460	460	456	458
MONTH	588	428	468	600	428	470	608	442	471	598	442	471

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	460	454	457	450	441	446	470	461	465	480	462	468
2	458	454	456	452	442	447	469	463	464	502	462	470
3	458	454	456	454	443	449	472	463	466	524	466	473
4	458	450	456	454	444	450	472	464	467	560	466	478
5	458	450	456	453	444	450	471	464	468	536	466	475
6	456	448	454	451	445	450	484	465	469	536	466	470
7	460	448	456	455	449	452	484	466	469	522	462	470
8	458	448	455	457	447	452	484	467	472	472	460	465
9	458	450	454	457	447	453	472	462	468	472	460	466
10	456	448	453	458	448	453	472	462	467	476	462	468
11	458	448	453	455	446	450	470	462	466	472	462	468
12	458	450	454	456	448	452	472	462	467	528	462	473
13	456	448	451	456	448	452	472	462	467	528	466	474
14	458	448	453	457	449	453	470	462	467	470	458	464
15	458	454	456	458	451	455	472	462	469	480	456	461
16	458	450	455	463	453	456	510	466	471	498	456	462
17	458	450	455	485	451	457	528	460	472	470	456	460
18	458	454	456	528	454	466	520	460	472	477	456	460
19	458	450	455	494	454	462	482	462	469	491	455	460
20	456	446	452	534	454	466	480	466	469	491	455	459
21	456	444	450	476	456	460	472	466	469	461	455	459
22	456	448	453	464	457	461	472	466	469	461	455	459
23	456	450	453	463	453	460	472	462	468	467	455	460
24	456	448	453	464	457	461	---	---	---	465	455	459
25	454	444	449	465	457	461	---	---	---	465	457	460
26	448	439	445	466	458	462	---	---	---	479	457	461
27	446	439	443	466	458	462	---	---	---	536	455	464
28	449	440	444	465	458	461	468	462	466	544	456	464
29	449	441	445	466	460	462	470	462	466	514	456	463
30	---	---	---	467	459	462	472	462	466	504	456	460
31	---	---	---	467	461	464	---	---	---	520	456	463
MONTH	460	439	453	534	441	456	528	460	468	560	455	465
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	526	456	463	564	450	468	614	454	488	484	448	454
2	552	456	468	564	450	466	614	454	488	458	448	452
3	542	454	464	560	450	466	570	454	476	456	448	453
4	542	455	461	528	450	461	580	450	475	456	448	451
5	513	453	461	484	450	457	592	450	479	454	448	451
6	463	455	458	498	450	457	594	450	482	456	448	451
7	463	455	459	504	450	459	544	450	462	458	448	452
8	459	455	457	512	450	459	458	448	454	456	448	452
9	459	455	457	522	450	461	458	448	454	456	448	452
10	485	453	458	458	450	455	456	450	454	456	446	451
11	525	453	464	456	448	451	458	450	454	456	448	451
12	467	454	457	498	450	456	484	450	455	454	448	451
13	458	454	455	458	448	453	458	450	454	456	448	451
14	458	454	456	546	450	464	456	448	453	454	448	451
15	462	452	456	568	450	466	456	448	452	454	448	451
16	458	454	456	522	450	459	456	448	453	456	448	452
17	458	454	456	526	450	460	456	448	453	460	448	453
18	462	452	456	554	450	466	456	448	452	458	448	453
19	462	454	456	554	450	464	456	448	453	455	448	450
20	458	454	456	520	454	461	456	446	452	457	449	451
21	463	451	456	572	450	477	456	448	452	457	447	452
22	461	451	455	560	450	477	456	448	453	464	449	453
23	461	451	455	554	450	467	456	448	453	514	450	459
24	457	453	455	564	454	468	456	448	453	506	450	455
25	---	---	---	586	450	471	490	448	453	482	448	452
26	456	450	453	608	454	481	510	446	457	485	449	455
27	510	448	458	610	454	484	534	448	460	503	451	458
28	538	450	461	634	454	488	514	450	458	517	451	460
29	542	450	463	636	454	499	510	448	461	525	451	461
30	566	450	469	622	454	497	510	448	460	458	450	453
31	---	---	---	612	454	496	490	448	455	---	---	---
MONTH	566	448	459	636	448	468	614	446	460	525	446	453
YEAR	636	428	463									

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 190 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3740	3660	3690	3650	3530	3580	3780	3680	3730	3830	3750	3780
2	3740	3660	3690	3650	3540	3590	3790	3680	3730	3840	3750	3800
3	3750	3650	3700	3630	3510	3570	3790	3690	3730	3860	3760	3800
4	3750	3650	3700	3630	3510	3570	3750	3640	3690	3860	3750	3800
5	3760	3660	3700	3640	3510	3570	3740	3630	3680	3870	3750	3810
6	3760	3650	3700	3650	3520	3580	3770	3630	3690	3880	3760	3810
7	3750	3630	3680	3670	3530	3600	3780	3650	3710	3880	3760	3810
8	3750	3600	3670	3650	3540	3590	3790	3660	3720	---	---	---
9	3750	3640	3690	3630	3550	3590	3810	3690	3740	---	---	---
10	---	---	---	3650	3550	3590	3800	3690	3750	3810	3710	3760
11	---	---	---	3680	3560	3610	3780	3680	3720	3810	3740	3770
12	---	---	---	3660	3580	3620	3780	3670	3720	3830	3750	3790
13	---	---	---	3660	3580	3620	3810	3700	3750	3860	3780	3820
14	---	---	---	3680	3580	3630	3810	3730	3770	3850	3800	3820
15	---	---	---	3710	3600	3650	3770	3710	3740	3830	3750	3800
16	---	---	---	3720	3600	3660	3770	3690	3730	3840	3770	3800
17	---	---	---	3710	3620	3660	3780	3680	3730	3840	3770	3800
18	---	---	---	3720	3600	3660	3790	3690	3750	3850	3770	3810
19	---	---	---	3740	3600	3670	3790	3670	3730	3860	3770	3810
20	---	---	---	3750	3620	3680	3780	3680	3730	3870	3770	3810
21	---	---	---	3770	3630	3690	3830	3680	3750	3890	3760	3820
22	---	---	---	3750	3630	3690	3840	3700	3770	3900	3770	3830
23	---	---	---	3750	3620	3680	3850	3700	3780	3900	3810	3850
24	---	---	---	3730	3610	3660	3850	3720	3790	3870	3790	3840
25	---	---	---	3700	3590	3660	3820	3710	3760	3870	3790	3830
26	---	---	---	3710	3610	3660	3820	3720	3770	3870	3810	3840
27	---	---	---	3720	3620	3660	3820	3730	3770	3880	3800	3850
28	---	---	---	3740	3620	3680	3820	3740	3780	3880	3790	3830
29	---	---	---	3760	3650	3700	3830	3740	3780	3880	3810	3850
30	---	---	---	3770	3670	3710	3830	3740	3790	3880	3800	3850
31	3630	3500	3560	---	---	---	3830	3740	3780	3910	3820	3870
MONTH	3760	3500	3680	3770	3510	3640	3850	3630	3740	3910	3710	3820
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	3910	3820	3860	3930	3860	3900	4000	3930	3970	4010	3930	3970
2	3910	3810	3850	3940	3860	3900	4010	3930	3970	4020	3930	3970
3	3930	3820	3870	3940	3860	3900	4020	3930	3970	4020	3930	3980
4	3940	3820	3880	3940	3860	3900	4010	3930	3970	4010	3920	3970
5	3920	3820	3880	3940	3860	3900	4020	3930	3980	4020	3940	3980
6	---	---	---	3950	3860	3900	4020	3930	3980	4020	3950	3990
7	---	---	---	3960	3870	3910	4020	3940	3980	4040	3950	4010
8	---	---	---	3960	3870	3910	---	---	---	4050	3950	4010
9	---	---	---	3960	3880	3920	4040	3960	4000	4050	3960	4010
10	---	---	---	3960	3880	3920	4020	3950	3990	4040	3960	4010
11	---	---	---	3960	3880	3930	4030	3950	3990	4040	3950	4000
12	---	---	---	3960	3900	3930	4030	3950	3990	4020	3950	3990
13	---	---	---	3960	3900	3930	4030	3950	3980	4020	3940	3980
14	---	---	---	3960	3900	3930	4030	3940	3990	4020	3940	3970
15	---	---	---	3970	3890	3930	4040	3940	3990	4020	3930	3970
16	---	---	---	3980	3890	3930	4040	3940	3980	4020	3930	3970
17	---	---	---	3980	3880	3930	4040	3940	3990	4020	3930	3970
18	---	---	---	3980	3880	3930	4030	3940	3990	4020	3930	3970
19	---	---	---	3980	3880	3940	4030	3940	3990	4020	3940	3980
20	---	---	---	3990	3890	3940	4030	3950	3990	4010	3950	3980
21	---	---	---	3990	3900	3940	4020	3950	3990	4010	3950	3980
22	---	---	---	3990	3900	3950	4020	3960	3990	4010	3950	3980
23	---	---	---	3990	3910	3950	4020	3960	3990	4010	3960	3980
24	---	---	---	3980	3920	3950	---	---	---	4020	3960	3990
25	---	---	---	3980	3930	3950	---	---	---	4010	3960	3990
26	3910	3820	3880	3980	3930	3960	---	---	---	4020	3960	3990
27	3920	3850	3890	4000	3940	3960	---	---	---	4020	3960	3980
28	3920	3860	3890	4000	3930	3960	4030	3950	3980	4020	3960	3990
29	3930	3870	3900	4000	3940	3970	4000	3930	3970	4030	3960	3990
30	---	---	---	4000	3940	3960	4000	3930	3960	4040	3960	3990
31	---	---	---	4000	3930	3970	---	---	---	4040	3960	4000
MONTH	3940	3810	3880	4000	3860	3930	4040	3930	3980	4050	3920	3990

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7770	7320	7350	7470	7270	7370	7420	7240	7330	7350	7180	7260
2	7380	7310	7340	7470	7280	7370	7420	7230	7320	7340	7170	7260
3	7390	7320	7360	7490	7260	7380	7410	7230	7320	7350	7170	7260
4	7390	7330	7360	7490	7270	7380	7420	7230	7320	7340	7170	7260
5	7400	7330	7370	7480	7260	7360	7410	7220	7310	7340	7170	7250
6	7410	7340	7370	7480	7250	7360	7420	7220	7320	7340	7160	7250
7	7410	7330	7370	7470	7260	7370	7410	7230	7320	7330	7150	7250
8	7400	7330	7360	7460	7260	7370	7410	7230	7320	---	---	---
9	7400	7320	7360	7450	7270	7360	7410	7240	7320	---	---	---
10	7390	7320	7360	7460	7270	7360	7390	7230	7310	---	---	---
11	7390	7320	7360	7450	7280	7360	7370	7230	7300	7770	7550	7680
12	7390	7340	7370	7440	7290	7370	7360	7230	7290	7600	7430	7530
13	7400	7340	7370	7430	7290	7360	7390	7230	7300	7490	7360	7430
14	7390	7340	7370	7420	7290	7360	7380	7240	7310	7430	7320	7360
15	7390	7340	7370	7430	7290	7360	7380	7240	7310	7370	7260	7310
16	---	---	---	7440	7290	7360	7380	7240	7310	7350	7230	7280
17	---	---	---	7430	7280	7350	7400	7230	7310	7330	7190	7260
18	---	---	---	7440	7250	7350	7400	7220	7310	7330	7160	7240
19	---	---	---	7440	7250	7350	7400	7200	7290	7320	7130	7220
20	---	---	---	7450	7240	7350	7400	7190	7290	7310	7120	7210
21	---	---	---	7460	7230	7350	7410	7180	7300	7310	7100	7210
22	---	---	---	7460	7250	7350	7410	7180	7300	7300	7110	7210
23	---	---	---	7450	7230	7350	7410	7180	7300	7290	7110	7210
24	---	---	---	7450	7250	7350	7400	7190	7300	7290	7110	7200
25	---	---	---	7440	7240	7360	7400	7190	7300	7270	7110	7190
26	---	---	---	7440	7240	7340	7380	7190	7290	7270	7120	7190
27	---	---	---	7430	7240	7340	7370	7200	7290	7250	7110	7190
28	---	---	---	7430	7240	7330	7370	7200	7280	---	---	---
29	---	---	---	7420	7250	7330	7370	7200	7290	---	---	---
30	---	---	---	7420	7230	7330	7360	7200	7280	---	---	---
31	7470	7280	7380	---	---	---	7340	7180	7270	---	---	---
MONTH	7770	7280	7360	7490	7230	7360	7420	7180	7300	7770	7100	7280
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	7710	7400	7530	7810	7430	7600	7850	7430	7620
2	---	---	---	7720	7390	7530	7830	7440	7600	7870	7430	7630
3	---	---	---	7730	7390	7530	7830	7430	7600	7880	7440	7640
4	---	---	---	7740	7380	7530	7840	7430	7610	7890	7420	7630
5	---	---	---	7750	7390	7540	7840	7430	7620	7890	7430	7640
6	---	---	---	7760	7390	7550	7840	7440	7620	7860	7440	7640
7	---	---	---	7760	7390	7550	7830	7440	7610	7870	7440	7640
8	7840	7390	7610	7750	7390	7550	7810	7440	7670	7870	7450	7650
9	7770	7390	7570	7750	7410	7560	7780	7510	7630	7870	7450	7640
10	7760	7390	7560	7740	7410	7550	7780	7470	7610	7860	7460	7640
11	7740	7390	7560	7780	7410	7570	7790	7450	7600	7860	7460	7620
12	7740	7390	7560	7740	7440	7560	7810	7440	7600	7860	7440	7620
13	7760	7380	7560	7740	7440	7570	7810	7430	7580	7870	7440	7620
14	7780	7380	7560	7760	7420	7560	7840	7420	7610	---	---	---
15	7810	7370	7560	7790	7410	7560	7850	7410	7610	7990	7370	7670
16	7830	7360	7570	7790	7390	7560	7860	7410	7610	7970	7380	7640
17	7850	7340	7570	7800	7390	7560	7870	7410	7620	7950	7400	7630
18	7870	7340	7590	7820	7380	7570	7860	7420	7620	7920	7400	7620
19	7880	7340	7600	7810	7390	7580	7850	7430	7620	7910	7400	7610
20	7880	7360	7600	7820	7390	7580	7850	7440	7620	7870	7410	7600
21	7860	7370	7600	7830	7410	7590	7830	7440	7630	7790	7410	7580
22	7840	7390	7600	7810	7410	7590	7830	7460	7630	7780	7430	7580
23	7820	7390	7600	7800	7430	7590	7810	7480	7630	7790	7430	7590
24	7790	7410	7590	7770	7430	7580	---	---	---	7790	7440	7590
25	7770	7430	7640	7760	7450	7580	---	---	---	7740	7420	7570
26	7730	7410	7550	7760	7480	7600	---	---	---	7740	7410	7560
27	7700	7400	7530	7750	7480	7600	---	---	---	7750	7380	7540
28	7700	7400	7520	7780	7470	7590	7810	7480	7620	7750	7370	7540
29	7700	7400	7530	7780	7470	7590	7800	7460	7610	7810	7340	7550
30	---	---	---	7790	7460	7590	7850	7450	7630	7850	7340	7560
31	---	---	---	7810	7450	7600	---	---	---	7870	7330	7560
MONTH	7880	7340	7570	7830	7380	7570	7870	7410	7620	7990	7330	7610

GROUND-WATER LEVELS

BEAUFORT COUNTY

321603080432203. Local number, BFT-1811.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, at Hilton Head Plantation on Hilton Head Island.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 80 ft, cased to 67 ft, screened interval from 67 to 77 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.15 ft above land-surface datum.

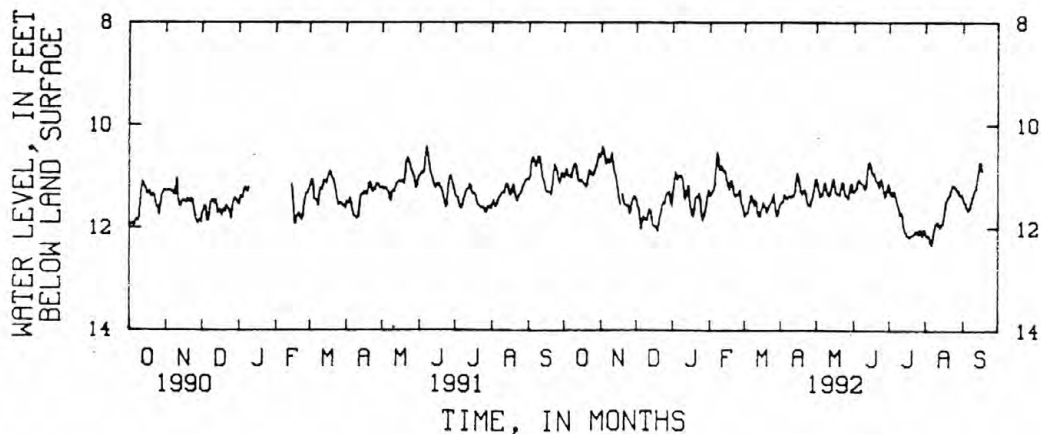
REMARKS.--Water level affected by tidal fluctuations.

PERIOD OF RECORD.--August 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 10.33 ft below land-surface datum, Jan. 6, 1987; lowest, 12.81 ft below land-surface datum, July 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.02	10.56	11.46	11.36	11.37	11.77	11.53	11.05	11.30	11.21	12.12	11.43
2	10.93	10.42	11.57	11.13	11.35	11.73	11.51	11.13	11.26	11.34	12.17	11.50
3	10.85	10.46	11.62	10.91	11.30	11.72	11.48	11.28	11.23	11.38	12.15	11.52
4	10.97	10.60	11.85	10.94	11.26	11.69	11.35	11.40	11.10	11.31	12.18	11.60
5	10.99	10.75	12.03	11.05	11.16	11.53	11.39	11.37	11.06	11.30	12.29	11.66
6	10.98	10.71	11.88	10.99	10.79	11.38	11.43	11.36	11.10	11.39	12.33	11.64
7	11.02	10.66	11.78	10.98	10.52	11.37	11.42	11.18	11.13	11.48	12.21	11.60
8	10.90	10.73	11.82	10.98	10.59	11.47	11.39	11.12	11.14	11.55	12.05	11.51
9	10.79	10.67	11.84	11.04	10.87	11.56	11.38	11.24	11.17	11.62	11.94	11.41
10	10.75	10.54	11.84	11.22	10.87	11.47	11.40	11.34	11.24	11.75	11.90	11.33
11	10.77	10.69	11.72	11.45	10.80	11.50	11.39	11.37	11.19	11.71	11.89	11.27
12	10.93	10.88	11.63	11.39	10.90	11.73	11.36	11.36	10.95	11.76	11.95	11.24
13	11.08	10.97	11.67	11.28	10.88	11.77	11.30	11.25	10.76	11.95	11.98	11.05
14	11.10	11.06	11.79	11.18	10.92	11.78	11.00	11.08	10.71	12.06	11.94	10.90
15	11.07	11.23	11.94	11.46	11.08	11.67	10.93	11.04	10.79	12.10	11.92	10.73
16	11.09	11.41	11.97	11.62	11.18	11.60	11.01	11.18	10.90	12.15	11.82	10.72
17	11.13	11.54	11.97	11.74	11.25	11.52	11.17	11.31	10.96	12.17	11.63	10.88
18	11.16	---	12.02	11.78	11.12	11.56	11.30	11.35	10.94	12.18	11.49	---
19	11.20	11.35	12.06	11.64	11.08	11.61	11.35	11.35	11.05	12.17	11.44	---
20	11.18	11.46	11.93	11.43	11.19	11.70	11.31	11.36	11.09	12.15	11.39	---
21	11.03	11.55	11.76	11.39	11.34	11.66	11.26	11.24	11.15	12.14	11.36	---
22	10.88	11.57	11.70	11.41	11.39	11.57	11.32	11.11	11.21	12.13	11.27	---
23	10.90	11.58	11.56	11.33	11.37	11.53	11.48	11.13	11.08	12.09	11.19	---
24	10.96	11.57	11.50	11.45	11.36	11.49	11.56	11.28	11.05	12.06	11.17	---
25	10.97	11.72	11.52	11.77	11.33	11.40	11.56	11.38	11.14	12.09	11.19	---
26	10.94	11.69	11.38	11.85	11.28	11.34	11.58	11.40	11.32	12.12	11.22	---
27	10.86	11.53	11.32	11.78	11.50	11.53	11.47	11.43	11.40	12.04	11.27	---
28	10.79	11.42	11.33	11.68	11.57	11.76	11.39	11.32	11.37	12.10	11.27	---
29	10.67	11.39	11.29	11.54	11.66	11.77	11.25	11.16	11.25	12.15	11.35	---
30	10.56	11.41	11.48	11.38	---	11.71	11.06	11.14	11.15	12.05	11.37	---
31	10.61	---	11.56	11.27	---	11.59	---	11.29	---	12.04	11.36	---
MEAN	10.94	---	11.70	11.37	11.15	11.60	11.34	11.26	11.11	11.86	11.70	---
MAX	11.20	---	12.06	11.85	11.66	11.78	11.58	11.43	11.40	12.18	12.33	---
MIN	10.56	---	11.29	10.91	10.52	11.34	10.93	11.04	10.71	11.21	11.17	---



GROUND-WATER LEVELS

BEAUFORT COUNTY

321603080432204. Local number, BFT-1812.

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 Water Resources Commission.

AQUIFER.--Surficial Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 30 ft, cased to 21 ft, screened interval from 21 to 30 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

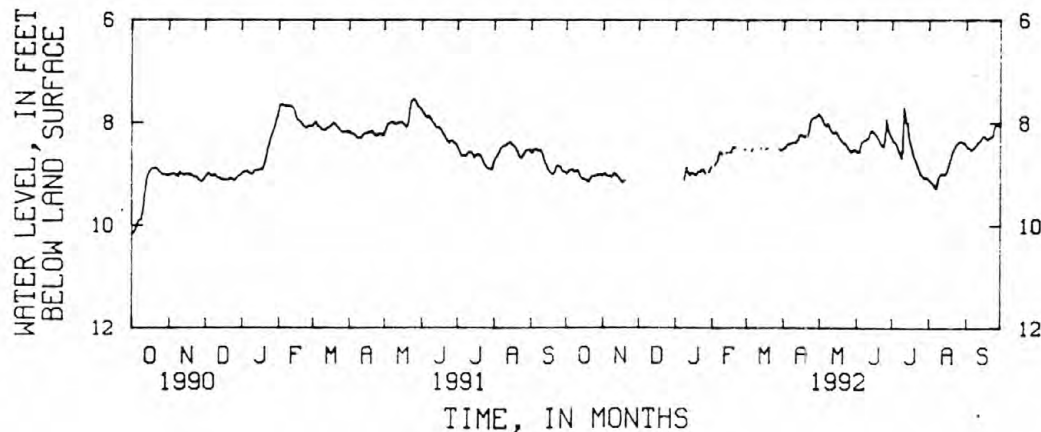
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--August 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 7.17 ft below land-surface datum, Sept. 20, 1988; lowest, 10.19 ft below land-surface datum, Sept. 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.00	9.01	---	---	---	---	8.49	7.85	8.57	8.31	9.12	8.44
2	8.97	8.98	---	---	---	---	8.47	7.88	8.58	8.36	9.15	8.48
3	8.93	9.00	---	---	8.82	---	8.45	7.93	8.58	8.38	9.16	8.48
4	8.93	9.03	---	---	8.78	---	8.41	7.99	8.46	8.40	9.19	8.50
5	8.91	9.05	---	---	8.74	8.54	8.40	8.03	8.38	8.45	9.22	8.53
6	8.90	9.04	---	---	8.66	8.50	8.40	8.06	8.36	8.52	9.28	8.52
7	8.95	9.04	---	---	8.57	---	8.39	8.02	8.34	8.58	9.28	8.50
8	8.95	9.06	---	9.11	8.57	---	8.38	8.03	8.33	8.63	9.19	8.48
9	8.94	9.03	---	8.97	8.60	---	8.37	8.08	8.32	8.68	9.08	8.45
10	8.93	8.98	---	8.87	---	---	8.37	8.14	8.30	8.57	9.02	8.42
11	8.95	8.99	---	8.95	---	---	8.37	8.18	8.29	7.70	9.00	8.38
12	9.01	9.02	---	9.00	---	---	8.34	8.20	8.21	7.83	9.00	8.38
13	9.06	9.04	---	9.03	8.58	8.49	8.32	8.20	8.16	7.99	9.00	8.34
14	9.09	9.07	---	8.97	---	---	8.24	8.18	8.15	8.01	9.01	8.30
15	9.10	9.10	---	8.97	---	---	8.22	8.19	8.17	8.22	8.99	8.27
16	9.11	9.14	---	8.99	8.57	---	8.23	8.24	8.20	8.36	8.95	8.26
17	9.11	9.16	---	9.01	8.55	8.50	8.25	8.28	8.23	8.45	8.85	8.27
18	9.13	9.15	---	9.02	8.47	8.49	8.26	8.32	8.26	8.53	8.78	8.30
19	9.15	9.13	---	8.99	8.46	---	8.27	8.35	8.30	8.63	8.70	8.32
20	9.15	---	---	8.95	8.47	---	8.24	8.38	8.35	8.70	8.62	8.31
21	9.11	---	---	8.95	---	---	8.24	8.40	8.41	8.75	8.55	8.29
22	9.05	---	---	8.95	---	---	8.15	8.41	8.45	8.82	8.49	8.27
23	9.04	---	---	8.91	---	---	8.01	8.44	8.45	8.88	8.45	8.27
24	9.04	---	---	8.91	---	---	7.93	8.47	8.46	8.94	8.41	8.25
25	9.04	---	---	8.96	---	---	7.90	8.51	8.33	9.00	8.39	8.09
26	9.02	---	---	8.98	---	---	7.89	8.54	7.94	9.03	8.36	8.05
27	9.01	---	---	---	---	---	7.88	8.57	8.03	9.05	8.36	8.03
28	9.02	---	---	---	8.51	8.50	7.87	8.56	8.14	9.08	8.36	8.04
29	9.01	---	---	8.96	8.52	8.52	7.85	8.53	8.21	9.08	8.38	8.05
30	9.01	---	---	8.91	---	8.52	7.82	8.52	8.26	9.08	8.38	8.06
31	9.03	---	---	8.86	---	8.51	---	8.54	---	9.09	8.40	---
MEAN	9.02	---	---	---	---	---	8.21	8.26	8.31	8.58	8.81	8.31
MAX	9.15	---	---	---	---	---	8.49	8.57	8.58	9.09	9.28	8.53
MIN	8.90	---	---	---	---	---	7.82	7.85	7.94	7.70	8.36	8.03



BEAUFORT COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

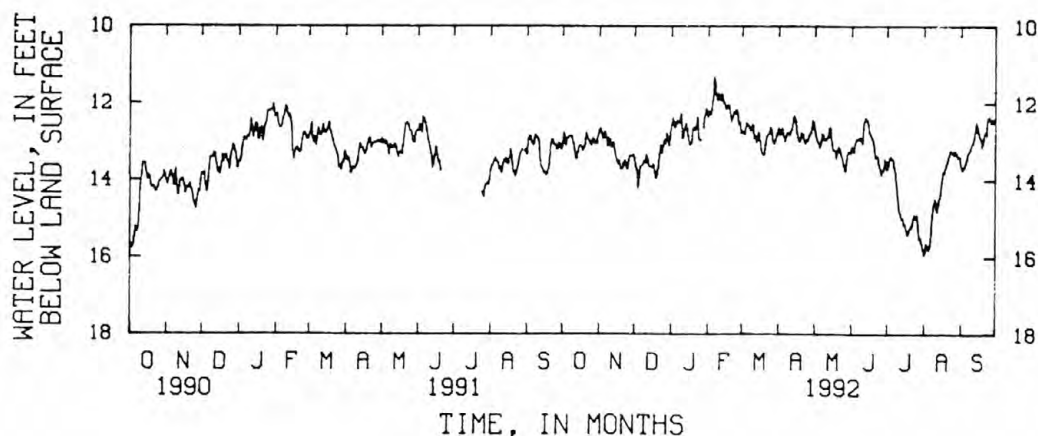
REMARKS.--Water level affected by pumping.

PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.32 ft below land-surface datum, Feb. 6, 1992; lowest, 16.73 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.11	12.70	13.42	12.58	12.35	12.72	12.64	12.68	13.13	13.73	15.94	13.64
2	12.77	12.65	13.64	12.38	12.22	12.76	12.82	12.85	13.23	13.64	15.87	13.74
3	12.90	12.77	13.75	12.48	12.28	12.81	12.73	12.98	13.26	13.44	15.64	13.68
4	13.08	12.92	14.21	12.65	12.19	12.65	12.65	13.05	13.04	13.39	15.75	13.67
5	12.90	12.90	13.93	12.53	11.90	12.51	12.84	13.15	12.94	13.45	15.80	13.57
6	12.90	12.75	13.65	12.45	11.32	12.57	12.98	13.06	12.94	13.46	15.70	13.46
7	12.85	12.90	13.62	12.51	11.39	12.60	12.86	12.79	12.93	13.66	15.38	13.31
8	12.85	13.11	13.60	12.44	11.78	12.71	12.77	12.82	12.88	13.80	14.93	13.25
9	12.85	12.90	13.49	12.27	11.93	12.69	12.77	12.95	12.95	14.12	14.65	13.19
10	13.02	12.94	13.54	12.93	11.75	12.56	12.81	12.95	13.03	14.50	14.48	13.07
11	13.21	13.15	13.34	12.88	11.85	12.92	12.72	12.91	12.67	14.81	14.65	13.04
12	13.43	13.10	13.45	12.69	11.94	12.83	12.66	12.89	12.47	14.87	14.80	12.94
13	13.45	13.02	13.63	12.54	11.76	13.02	12.38	12.65	12.38	15.01	14.63	12.75
14	13.27	13.18	13.65	12.66	12.00	12.89	12.33	12.63	12.42	15.00	14.46	12.50
15	13.12	13.37	13.66	12.84	11.98	12.76	12.45	12.94	12.52	15.16	14.34	12.60
16	13.10	13.50	13.67	13.09	12.16	12.98	12.74	13.21	12.75	15.14	14.03	12.76
17	13.12	13.59	13.59	13.08	12.13	13.20	12.93	13.21	12.82	15.30	13.77	12.88
18	13.23	13.49	13.80	13.03	12.05	13.31	12.99	13.24	12.88	15.42	13.80	12.96
19	13.16	13.71	13.95	12.69	12.05	13.34	12.91	13.43	12.96	15.35	13.67	13.13
20	13.06	13.72	13.86	12.62	12.36	13.32	12.78	13.27	13.09	15.25	13.57	13.05
21	12.77	13.69	13.66	12.70	12.47	13.06	12.81	13.13	13.42	15.24	13.49	12.82
22	12.89	13.55	13.30	12.60	12.37	12.86	12.98	13.17	13.39	15.16	13.35	12.76
23	12.95	13.49	13.09	12.36	12.22	12.81	13.04	13.32	13.38	15.00	13.23	12.82
24	13.05	13.62	13.29	12.95	12.27	12.78	12.95	13.42	13.57	14.91	13.23	12.41
25	13.09	13.73	13.11	12.96	12.17	12.63	12.97	13.61	13.71	14.99	13.29	12.35
26	12.97	13.57	12.96	12.96	12.21	12.70	12.86	13.75	13.85	14.93	13.33	12.43
27	12.91	13.37	13.05	---	12.54	13.00	12.79	13.76	13.76	15.16	13.24	12.51
28	13.05	13.37	12.78	12.63	12.49	13.05	12.76	13.44	13.75	15.54	13.30	12.42
29	13.03	13.36	12.84	12.34	12.78	13.00	12.44	13.26	13.46	15.49	13.40	12.51
30	13.04	13.33	13.09	12.14	---	12.85	12.47	13.27	13.48	15.65	13.38	12.47
31	12.84	---	12.89	12.19	---	12.77	---	13.29	---	15.80	13.39	---
MEAN	13.03	13.25	13.47	---	12.10	12.86	12.76	13.13	13.10	14.72	14.27	12.96
MAX	13.45	13.73	14.21	---	12.78	13.34	13.04	13.76	13.85	15.80	15.94	13.74
MIN	12.77	12.65	12.78	---	11.32	12.51	12.33	12.63	12.38	13.39	13.23	12.35



GROUND-WATER LEVELS

BERKELEY COUNTY

330218080080700. Local number, BRK-91.

LOCATION.--Lat 33°02'18'', long 80°08'07'', Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Highway 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.

Owner: Berkeley-Sangaree Public Service District.

AQUIFER.--Black Mingo Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 434 ft, cased to 75 ft, open hole from 75 to 434 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Edge of shelter, 1.0 ft above land-surface datum.

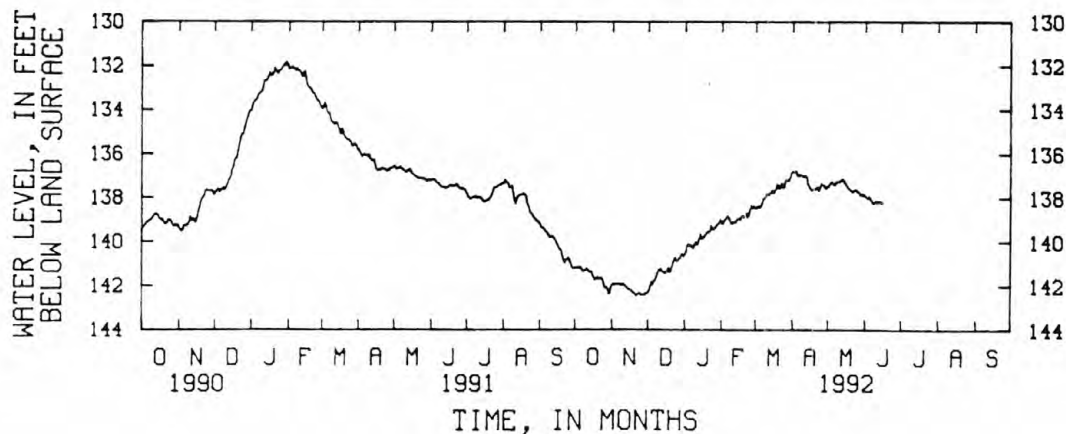
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--June 1978 to June 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 85.47 ft below land-surface datum, June 16, 1978; lowest, 142.46 ft below land-surface datum, Nov. 21, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	141.22	141.98	142.33	140.57	139.06	138.48	136.80	137.48	137.91	---	---	---
2	141.18	141.93	142.24	140.40	139.18	138.45	136.78	137.41	137.97	---	---	---
3	141.19	141.95	142.04	140.15	139.08	138.37	136.80	137.28	138.02	---	---	---
4	141.21	141.94	141.84	140.09	138.98	138.38	136.77	137.27	137.96	---	---	---
5	141.17	141.93	141.94	140.16	138.93	138.38	136.94	137.31	138.00	---	---	---
6	141.20	141.93	141.81	140.14	138.82	138.26	136.98	137.39	138.12	---	---	---
7	141.33	141.93	141.74	140.22	138.85	138.08	136.93	137.36	138.22	---	---	---
8	141.35	141.95	141.60	140.27	138.97	138.01	136.94	137.24	138.25	---	---	---
9	141.35	141.97	141.44	140.14	139.15	137.99	136.98	137.26	138.20	---	---	---
10	141.31	141.94	141.28	140.01	139.18	137.82	136.99	137.26	138.15	---	---	---
11	141.26	141.97	141.32	140.07	139.09	137.81	136.99	137.23	138.21	---	---	---
12	141.31	142.01	141.25	140.07	139.12	137.84	136.99	137.17	138.17	---	---	---
13	141.37	142.08	141.34	139.87	139.08	137.78	137.08	137.14	138.16	---	---	---
14	141.39	142.13	141.40	139.65	139.01	137.73	137.37	137.20	138.18	---	---	---
15	141.41	142.17	141.42	139.81	138.95	137.64	137.47	137.31	138.24	---	---	---
16	141.56	142.20	141.41	139.81	138.95	137.76	137.57	137.39	---	---	---	---
17	141.72	142.23	141.33	139.77	138.96	137.68	137.64	137.46	---	---	---	---
18	141.76	142.30	141.20	139.70	138.84	137.57	137.63	137.56	---	---	---	---
19	141.69	142.35	141.38	139.62	138.80	137.37	137.60	137.60	---	---	---	---
20	141.63	142.38	141.35	139.53	138.87	137.44	137.58	137.65	---	---	---	---
21	141.71	142.46	141.11	139.53	---	137.55	137.52	137.72	---	---	---	---
22	141.71	142.42	140.93	139.52	138.69	137.42	137.54	137.70	---	---	---	---
23	141.68	142.39	140.76	139.25	138.87	137.33	137.64	137.65	---	---	---	---
24	141.70	142.36	140.73	139.32	138.78	137.51	137.54	137.62	---	---	---	---
25	141.92	142.42	140.87	139.42	138.54	137.44	137.36	137.67	---	---	---	---
26	142.13	142.42	140.85	139.39	138.34	137.17	137.39	137.71	---	---	---	---
27	142.08	142.42	140.78	139.33	138.44	137.16	137.41	137.78	---	---	---	---
28	142.11	142.42	140.73	139.21	138.43	137.19	137.48	137.88	---	---	---	---
29	142.37	142.38	140.55	139.19	138.37	137.17	137.54	137.84	---	---	---	---
30	142.36	142.35	140.56	139.10	---	137.03	137.48	137.87	---	---	---	---
31	142.14	---	140.62	138.99	---	136.83	---	137.87	---	---	---	---
MEAN	141.60	142.18	141.30	139.75	---	137.70	137.26	137.49	---	---	---	---
MAX	142.37	142.46	142.33	140.57	---	138.48	137.64	137.88	---	---	---	---
MIN	141.17	141.93	140.55	138.99	---	136.83	136.77	137.14	---	---	---	---



GROUND-WATER LEVELS

BERKELEY COUNTY

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, and 100 ft from well number BRK-190.

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.80 ft above land-surface datum.

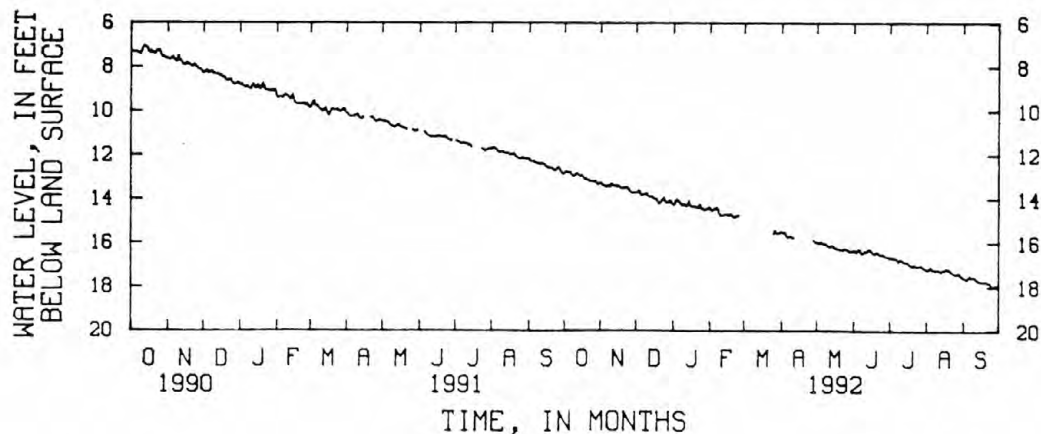
REMARKS.--Flowing well in 1982. Geophysical logs available in District files.

PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sept. 15, 1989; lowest 18.05 ft below land-surface datum, Sept. 30, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.85	13.30	13.73	14.28	14.40	---	15.52	16.00	16.37	16.68	17.22	17.60
2	12.78	13.32	13.72	14.25	14.53	---	15.53	16.03	16.39	16.67	17.24	17.63
3	12.77	13.40	13.65	14.07	14.54	---	15.59	16.03	16.42	16.69	17.19	17.63
4	12.80	13.41	13.67	14.02	14.50	---	15.55	15.99	16.36	16.70	17.11	17.65
5	12.81	13.44	13.83	14.09	14.47	---	15.68	16.00	16.30	16.71	17.16	17.61
6	12.81	13.46	13.84	14.13	14.42	---	15.76	16.06	16.35	16.72	17.21	17.54
7	12.90	13.44	13.82	14.20	14.38	---	15.75	16.06	16.45	16.78	17.23	17.56
8	12.97	13.42	13.81	14.30	14.48	---	15.72	16.06	16.50	16.84	17.25	17.57
9	12.99	13.43	13.80	14.28	14.67	---	15.73	16.09	16.48	16.80	17.25	17.57
10	12.93	13.34	13.79	14.24	14.76	---	15.77	16.15	16.39	16.75	17.23	17.59
11	12.85	13.35	13.89	14.31	14.76	---	15.78	16.18	16.40	16.79	17.25	17.62
12	12.84	13.41	13.92	14.35	14.75	---	---	16.19	16.40	16.84	17.28	17.69
13	12.92	13.42	13.92	14.27	14.73	---	---	16.16	16.30	16.87	17.29	17.74
14	12.98	13.42	13.90	14.10	14.72	---	---	16.14	16.30	16.89	17.28	17.75
15	12.96	13.44	13.95	14.26	14.71	---	---	16.19	16.33	16.89	17.26	17.78
16	12.93	13.43	14.00	14.33	14.70	---	---	16.24	16.41	16.90	17.26	17.80
17	13.02	13.46	14.04	14.37	14.76	---	---	16.27	16.48	16.98	17.18	17.80
18	13.11	13.52	14.03	14.37	14.70	---	---	16.27	16.50	17.02	17.19	17.78
19	13.12	13.53	14.16	14.39	14.70	---	---	16.28	16.46	17.04	17.23	17.77
20	13.10	13.54	14.23	14.37	14.78	---	---	16.30	16.42	17.06	17.22	17.79
21	13.17	13.53	14.18	14.39	14.85	---	---	16.32	16.44	17.03	17.28	17.81
22	13.19	13.51	14.09	14.42	14.86	---	---	16.33	16.52	17.04	17.32	17.82
23	13.21	13.52	14.01	14.27	14.80	---	---	16.33	16.55	17.05	17.36	17.84
24	13.23	13.51	13.96	14.29	14.77	---	---	16.29	16.55	17.08	17.40	17.94
25	13.23	13.61	14.10	14.45	14.76	15.60	---	16.27	16.55	17.07	17.43	17.98
26	13.23	13.67	14.17	14.46	---	15.46	---	16.30	16.59	17.05	17.44	17.98
27	13.22	13.73	14.18	14.52	---	15.44	---	16.33	16.61	17.04	17.41	17.97
28	13.23	13.74	14.17	14.51	---	15.57	15.89	16.39	16.63	17.07	17.38	17.96
29	13.35	13.74	14.09	14.49	---	15.59	15.96	16.40	16.65	17.12	17.45	17.98
30	13.35	13.73	14.13	14.45	---	15.57	15.99	16.39	16.67	17.16	17.53	18.05
31	13.30	---	14.23	14.39	---	15.51	---	16.37	---	17.19	17.56	---
MEAN	13.04	13.49	13.97	14.31	---	---	---	16.21	16.46	16.92	17.29	17.76
MAX	13.35	13.74	14.23	14.52	---	---	---	16.40	16.67	17.19	17.56	18.05
MIN	12.77	13.30	13.65	14.02	---	---	---	15.99	16.30	16.67	17.11	17.54



GROUND-WATER LEVELS

CHARLESTON COUNTY

324729079472001. Local number, CHN-14.

LOCATION.--Lat 32°47'29", long 79°47'20", 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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

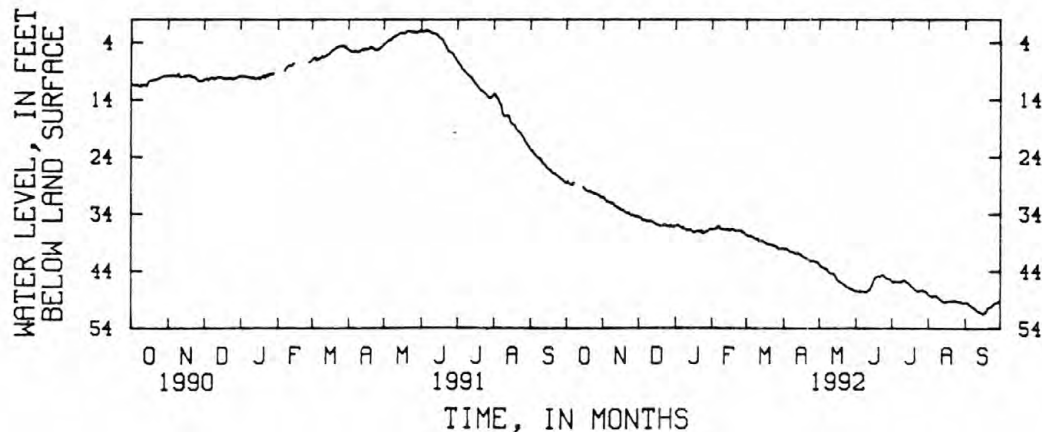
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

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 51.57 ft below land-surface datum, Sept. 16, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.55	31.14	34.66	36.19	36.72	37.72	40.08	42.93	47.56	45.84	48.17	49.60
2	28.41	31.32	34.72	36.08	36.68	37.89	40.20	43.19	47.64	46.02	48.29	49.55
3	28.70	31.64	34.76	35.98	36.71	37.96	40.14	43.34	47.65	45.82	48.49	49.65
4	28.81	31.91	35.18	36.18	36.61	37.92	40.21	43.38	47.53	45.85	48.59	49.87
5	28.85	31.95	35.13	36.36	36.48	37.96	40.46	43.53	47.65	45.90	48.47	50.02
6	28.97	31.98	35.16	36.53	36.13	38.08	40.64	43.61	47.64	45.87	48.38	50.18
7	28.63	32.12	35.25	36.40	36.23	38.23	40.63	43.65	47.63	45.90	48.37	50.31
8	---	32.21	35.36	36.60	36.58	38.40	40.70	43.96	47.68	45.97	48.49	50.48
9	---	32.19	35.36	36.73	36.74	38.42	40.80	44.22	47.69	45.95	48.66	50.66
10	---	32.37	35.37	36.94	36.71	38.40	40.87	44.39	47.68	45.73	48.80	50.82
11	---	32.70	35.36	36.94	36.78	38.81	40.92	44.50	47.48	45.58	48.99	51.03
12	---	32.81	35.48	36.92	36.85	38.70	41.03	44.53	47.36	45.67	49.22	51.14
13	---	32.88	35.58	36.82	36.69	38.83	40.91	44.53	47.06	45.88	49.31	51.22
14	---	33.02	35.71	36.94	36.87	38.76	41.01	44.76	46.61	46.01	49.48	51.23
15	29.39	33.21	35.85	37.10	36.81	38.83	41.15	45.18	46.10	46.17	49.53	51.43
16	29.61	33.36	35.97	37.34	36.92	39.04	41.35	45.56	45.56	46.37	49.45	51.57
17	29.80	33.40	36.00	37.27	36.76	39.16	41.51	45.75	45.14	46.59	49.41	51.46
18	30.02	33.44	36.13	37.20	36.76	39.32	41.65	45.89	45.06	46.80	49.41	51.28
19	30.09	33.66	36.16	37.07	36.77	39.34	41.76	46.09	44.97	46.99	49.30	50.99
20	30.10	33.81	36.15	37.04	36.95	39.35	41.81	46.18	44.87	47.21	49.32	50.53
21	30.06	33.92	36.12	37.14	37.00	39.45	41.93	46.28	44.94	47.37	49.37	50.35
22	30.23	33.95	36.03	37.15	37.00	39.46	42.17	46.47	44.81	47.53	49.22	50.25
23	30.35	34.04	35.96	36.97	36.92	39.52	42.31	46.68	44.71	47.60	49.19	50.20
24	30.46	34.23	36.15	37.45	36.98	39.68	42.29	46.85	44.75	47.50	49.28	49.99
25	30.52	34.33	36.23	37.40	36.96	39.72	42.28	46.93	45.00	47.52	49.33	49.78
26	30.58	34.30	36.24	37.38	37.10	39.80	42.27	47.03	45.27	47.41	49.41	49.59
27	30.65	34.40	36.33	37.17	37.30	40.09	42.37	47.19	45.28	47.40	49.46	49.55
28	30.76	34.46	36.11	37.13	37.37	40.14	42.44	47.22	45.35	47.55	49.48	49.42
29	30.90	34.50	36.24	36.94	37.66	40.15	42.46	47.27	45.41	47.51	49.56	49.27
30	31.12	34.53	36.40	36.73	---	40.06	42.67	47.48	45.54	47.68	49.62	49.18
31	31.14	---	36.28	36.68	---	40.09	---	47.56	---	47.93	49.62	---
MEAN	---	33.13	35.72	36.86	36.83	39.01	41.37	45.36	46.25	46.62	49.09	50.35
MAX	---	34.53	36.40	37.45	37.66	40.15	42.67	47.56	47.69	47.93	49.62	51.57
MIN	---	31.14	34.66	35.98	36.13	37.72	40.08	42.93	44.71	45.58	48.17	49.18



GROUND-WATER LEVELS

CHARLESTON COUNTY

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.

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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 9.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

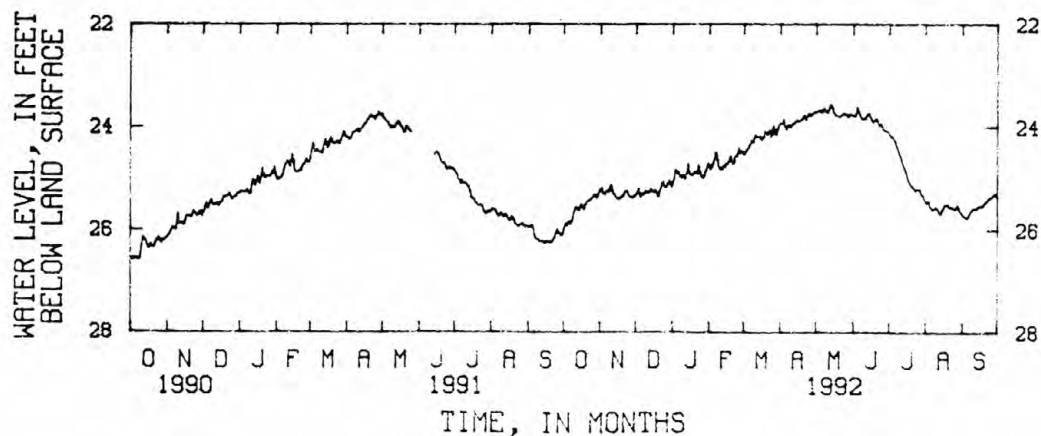
REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

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, 26.65 ft below land-surface datum, Sept. 24, 25, 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.02	25.23	25.33	25.12	24.76	24.53	23.94	23.70	23.78	24.15	25.46	25.72
2	25.89	25.20	25.30	25.03	24.82	24.51	23.94	23.72	23.79	24.19	25.47	25.74
3	25.89	25.28	25.21	24.84	24.79	24.47	23.93	23.68	23.77	24.20	25.46	25.75
4	25.92	25.31	25.29	24.84	24.73	24.43	23.86	23.69	23.62	24.21	25.46	25.78
5	25.86	25.31	25.36	24.90	24.65	24.40	23.99	23.68	23.64	24.25	25.54	25.77
6	25.84	25.27	25.32	24.87	24.51	24.34	24.05	23.71	23.73	24.29	25.60	25.74
7	25.88	25.25	25.30	24.95	24.50	24.27	23.98	23.66	23.80	24.37	25.60	25.69
8	25.84	25.26	25.31	24.99	24.62	24.28	23.96	23.64	23.85	24.43	25.60	25.64
9	25.75	25.19	25.26	24.95	24.79	24.29	23.99	23.69	23.85	24.48	25.59	25.62
10	25.64	25.14	25.26	24.94	24.83	24.17	23.99	23.71	23.84	24.55	25.57	25.59
11	25.57	25.24	25.28	25.00	24.80	24.16	23.96	23.71	23.84	24.61	25.59	25.58
12	25.57	25.31	25.27	25.00	24.82	24.19	23.93	23.66	23.79	24.69	25.65	25.59
13	25.61	25.33	25.24	24.88	24.76	24.20	23.93	23.56	23.75	24.76	25.68	25.59
14	25.62	25.37	25.20	24.72	24.77	24.20	23.90	23.57	23.74	24.82	25.69	25.55
15	25.54	25.40	25.26	24.86	24.72	24.18	23.87	23.63	23.79	24.87	25.63	25.54
16	25.52	25.40	25.27	24.92	24.72	24.25	23.89	23.73	23.85	24.96	25.61	25.54
17	25.57	25.41	25.25	24.93	24.69	24.23	23.89	23.77	23.90	25.04	25.53	25.54
18	25.60	25.38	25.24	24.93	24.61	24.20	23.88	23.77	23.90	25.09	25.52	25.53
19	25.54	25.38	25.35	24.90	24.58	24.09	23.86	23.79	23.87	25.13	25.52	25.50
20	25.50	25.36	25.35	24.87	24.67	24.10	23.82	23.80	23.84	25.16	25.51	25.46
21	25.46	25.32	25.26	24.89	24.71	24.14	23.77	23.80	23.88	25.17	25.56	25.45
22	25.44	25.27	25.19	24.90	24.68	24.09	23.79	23.78	23.97	25.21	25.56	25.42
23	25.43	25.26	25.09	24.74	24.58	24.07	23.86	23.76	23.96	25.24	25.57	25.40
24	25.42	25.27	25.07	24.85	24.56	24.18	23.81	23.74	23.95	25.23	25.58	25.38
25	25.39	25.34	25.16	24.97	24.50	24.15	23.74	23.75	24.00	25.22	25.59	25.37
26	25.36	25.36	25.16	24.98	24.41	23.99	23.77	23.75	24.06	25.22	25.60	25.35
27	25.33	25.39	25.17	24.98	24.50	24.06	23.78	23.80	24.07	25.22	25.57	25.32
28	25.33	25.39	25.10	24.94	24.47	24.14	23.75	23.80	24.07	25.29	25.53	25.30
29	25.37	25.37	25.04	24.86	24.47	24.13	23.73	23.77	24.08	25.33	25.59	25.33
30	25.36	25.35	25.12	24.78	---	24.04	23.69	23.76	24.10	25.35	25.64	25.36
31	25.28	---	25.16	24.71	---	23.96	---	23.77	---	25.40	25.67	---
MEAN	25.59	25.31	25.23	24.90	24.66	24.21	23.87	23.72	23.87	24.84	25.57	25.54
MAX	26.02	25.41	25.36	25.12	24.83	24.53	24.05	23.80	24.10	25.40	25.69	25.78
MIN	25.28	25.14	25.04	24.71	24.41	23.96	23.69	23.56	23.62	24.15	25.46	25.30



GROUND-WATER LEVELS

CHARLESTON COUNTY

32470807955500. Local number, CHN-64.

LOCATION.--Lat 32°47'08'', long 79°55'55'', Hydrologic Unit 03050202, at 14 George St., Charleston, SC.

Owner: City of Charleston.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled production well, depth reported approximately 2000 ft. Casing and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 14.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

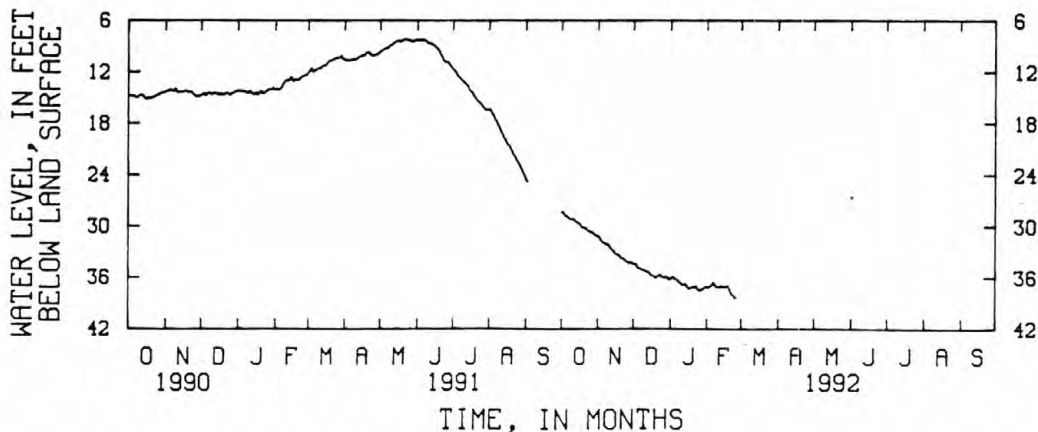
REMARKS.--Obstruction at 1070 ft. Geophysical logs, depth 1070 ft., available in District files.

PERIOD OF RECORD.--March 1990 to February 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 6.58 ft below land-surface datum, Mar. 29, 1990; lowest, 38.41 ft below land-surface datum, Feb. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.42	31.18	34.44	36.23	37.18	---	---	---	---	---	---	---
2	28.41	31.32	34.49	36.12	37.19	---	---	---	---	---	---	---
3	28.62	31.60	34.49	35.96	37.16	---	---	---	---	---	---	---
4	28.79	31.81	34.85	36.08	37.06	---	---	---	---	---	---	---
5	28.84	31.92	34.98	36.22	36.93	---	---	---	---	---	---	---
6	28.95	31.98	34.97	36.26	36.65	---	---	---	---	---	---	---
7	29.10	32.09	35.06	36.44	36.69	---	---	---	---	---	---	---
8	29.17	32.20	35.16	36.60	36.93	---	---	---	---	---	---	---
9	29.21	32.18	35.16	36.66	37.15	---	---	---	---	---	---	---
10	29.17	32.25	35.24	36.81	37.16	---	---	---	---	---	---	---
11	29.20	32.51	35.30	36.92	37.15	---	---	---	---	---	---	---
12	29.35	32.70	35.37	36.92	37.20	---	---	---	---	---	---	---
13	29.50	32.82	35.43	36.83	37.07	---	---	---	---	---	---	---
14	29.59	32.97	35.52	36.87	37.16	---	---	---	---	---	---	---
15	29.60	33.15	35.72	37.12	37.13	---	---	---	---	---	---	---
16	29.73	33.28	35.83	37.32	37.20	---	---	---	---	---	---	---
17	29.94	33.37	35.86	37.33	37.14	---	---	---	---	---	---	---
18	30.13	33.39	35.93	37.31	37.08	---	---	---	---	---	---	---
19	30.18	33.54	36.08	37.23	37.07	---	---	---	---	---	---	---
20	30.23	33.67	36.04	37.15	37.39	---	---	---	---	---	---	---
21	30.25	33.78	35.91	37.22	37.78	---	---	---	---	---	---	---
22	30.38	33.82	35.82	37.24	38.02	---	---	---	---	---	---	---
23	30.51	33.90	35.73	37.05	38.12	---	---	---	---	---	---	---
24	30.62	34.03	35.86	37.42	38.32	---	---	---	---	---	---	---
25	30.69	34.19	36.00	37.54	38.41	---	---	---	---	---	---	---
26	30.73	34.24	36.01	37.57	---	---	---	---	---	---	---	---
27	30.78	34.31	36.08	37.49	---	---	---	---	---	---	---	---
28	30.86	34.32	35.98	37.45	---	---	---	---	---	---	---	---
29	31.02	34.32	36.01	37.36	---	---	---	---	---	---	---	---
30	31.15	34.37	36.24	37.19	---	---	---	---	---	---	---	---
31	31.15	---	36.29	37.11	---	---	---	---	---	---	---	---
MEAN	29.82	33.04	35.54	36.94	---	---	---	---	---	---	---	---
MAX	31.15	34.37	36.29	37.57	---	---	---	---	---	---	---	---
MIN	28.41	31.18	34.44	35.96	---	---	---	---	---	---	---	---



CHARLESTON COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.

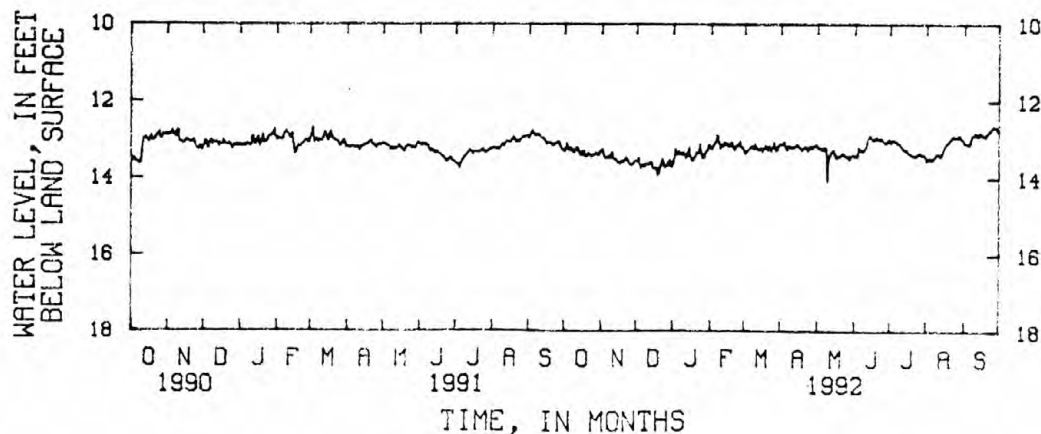
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.31	13.28	13.57	13.61	13.21	13.35	13.11	13.17	13.43	13.05	13.54	13.09
2	13.25	13.28	13.56	13.46	13.24	13.35	13.12	13.22	13.42	13.07	13.52	13.10
3	13.13	13.41	13.48	13.25	13.19	13.30	13.10	13.22	13.42	13.02	13.48	13.10
4	13.21	13.48	13.66	13.31	13.11	13.26	13.06	13.26	13.20	13.01	13.48	13.12
5	13.27	13.49	13.75	13.38	13.06	13.23	13.21	13.22	13.21	13.03	13.53	13.13
6	13.24	13.46	13.67	13.31	12.88	13.18	13.26	13.26	13.27	13.04	13.52	13.06
7	13.25	13.45	13.66	13.37	12.90	13.16	13.17	13.21	13.29	13.08	13.45	12.94
8	13.32	13.48	13.70	13.39	13.06	13.21	13.17	13.24	13.29	13.10	13.44	12.88
9	13.33	13.40	13.65	13.34	13.21	13.24	13.20	14.08	13.26	13.11	13.38	12.88
10	13.29	13.36	13.65	13.37	13.18	13.11	13.21	13.51	13.20	13.15	13.37	12.82
11	13.23	13.47	13.65	13.47	13.12	13.20	13.20	13.41	13.14	13.18	13.38	12.84
12	13.23	13.52	13.63	13.45	13.15	13.25	13.18	13.34	12.96	13.24	13.44	12.90
13	13.30	13.52	13.60	13.32	13.07	13.26	13.18	13.30	12.90	13.26	13.41	12.89
14	13.39	13.56	13.61	13.22	13.12	13.24	13.13	13.28	12.88	13.29	13.33	12.81
15	13.41	13.60	13.74	13.44	13.11	13.22	13.14	13.36	12.93	13.26	13.24	12.83
16	13.34	13.61	13.76	13.53	13.16	13.30	13.18	13.45	13.00	13.31	13.17	12.86
17	13.32	13.63	13.75	13.53	13.16	13.25	13.21	13.47	13.02	13.35	13.10	12.89
18	13.44	13.57	13.76	13.48	13.09	13.22	13.28	13.42	12.99	13.37	13.10	12.90
19	13.44	13.58	13.91	13.43	13.08	13.14	13.26	13.43	12.94	13.39	13.06	12.90
20	13.43	13.58	13.87	13.34	13.21	13.20	13.22	13.41	12.93	13.42	13.01	12.85
21	13.38	13.53	13.71	13.35	13.26	13.26	13.18	13.37	12.99	13.42	12.99	12.81
22	13.40	13.48	13.63	13.33	13.23	13.18	13.21	13.36	13.01	13.42	12.92	12.76
23	13.42	13.51	13.52	13.14	13.15	13.18	13.29	13.38	12.97	13.43	12.91	12.76
24	13.43	13.55	13.60	13.34	13.15	13.29	13.22	13.42	12.97	13.39	12.94	12.71
25	13.41	13.64	13.71	13.46	13.10	13.21	13.16	13.44	13.02	13.38	12.92	12.65
26	13.40	13.66	13.69	13.46	13.04	13.08	13.23	13.43	13.07	13.35	12.94	12.66
27	13.37	13.67	13.68	13.40	13.19	13.19	13.22	13.50	13.08	13.36	12.92	12.67
28	13.36	13.64	13.58	13.33	13.19	13.29	13.17	13.48	13.08	13.42	12.89	12.68
29	13.41	13.59	13.54	13.27	13.26	13.25	13.14	13.42	13.01	13.39	12.95	12.75
30	13.39	13.57	13.68	13.16	---	13.15	13.12	13.40	12.99	13.40	12.98	12.78
31	13.31	---	13.71	13.13	---	13.14	---	13.41	---	13.45	13.01	---
MEAN	13.34	13.52	13.67	13.37	13.13	13.22	13.18	13.38	13.10	13.26	13.20	12.87
MAX	13.44	13.67	13.91	13.61	13.26	13.35	13.29	14.08	13.43	13.45	13.54	13.13
MIN	13.13	13.28	13.48	13.13	12.88	13.08	13.06	13.17	12.88	13.01	12.89	12.65



GROUND-WATER LEVELS

COLLETON COUNTY

330256080354500. Local number, COL-97.

LOCATION.--Lat 33°02'56'', long 80°35'45'', Hydrologic Unit 03050205, 1.6 mi southeast of Canadys, at intersection of State Highway 61 and State Road 45.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Santee Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 500 ft, cased to 134.4 ft, open hole from 134.4 to 500 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.10 ft above land-surface datum.

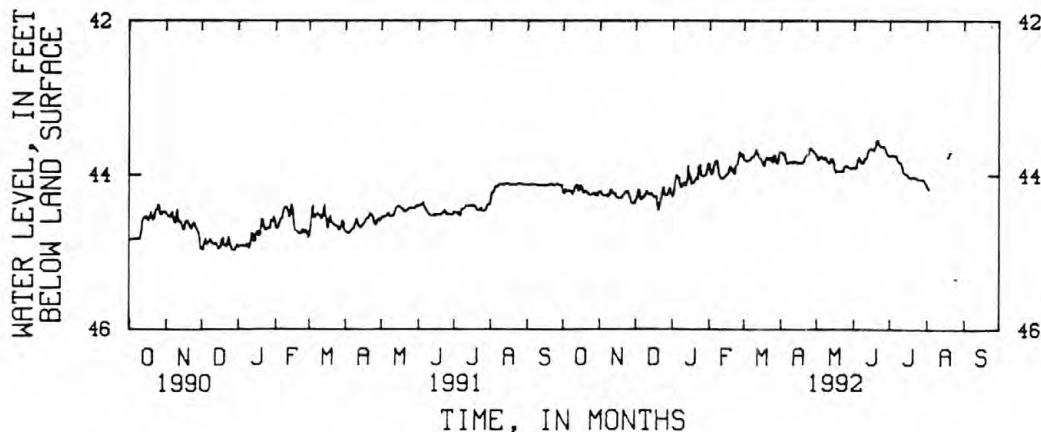
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.

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 44.98 ft below land-surface datum, Dec. 27 - 29, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.23	44.21	44.33	44.28	43.86	43.79	43.70	43.75	43.90	43.75	44.15	---
2	44.24	44.22	44.30	44.24	43.97	43.81	43.70	43.80	43.91	43.75	44.18	---
3	44.19	44.25	44.19	44.07	43.99	43.82	43.73	43.79	43.90	43.74	44.19	---
4	44.21	44.27	44.20	44.00	43.95	43.81	43.72	43.76	43.80	43.75	---	---
5	44.21	44.27	44.32	44.02	43.87	43.81	43.79	43.75	43.77	43.75	---	---
6	44.20	44.27	44.32	44.03	43.81	43.80	43.85	43.78	43.80	43.75	---	---
7	44.21	44.26	44.29	44.11	43.81	43.77	43.85	43.79	43.84	43.79	---	---
8	44.22	44.28	44.29	44.16	43.85	43.76	43.84	43.77	43.84	43.83	---	---
9	44.25	44.26	44.25	44.15	43.99	43.76	43.83	43.79	43.84	43.84	---	---
10	44.21	44.19	44.21	44.10	44.04	43.73	43.84	43.83	43.78	43.84	---	---
11	44.15	44.20	44.24	44.11	44.04	43.67	43.84	43.84	43.78	43.89	---	---
12	44.13	44.23	44.25	44.14	44.05	43.72	43.82	43.84	43.75	43.96	---	---
13	44.13	44.25	44.26	44.08	44.04	43.73	43.82	43.79	43.68	43.98	---	---
14	44.20	44.25	44.24	43.88	44.02	43.78	43.84	43.79	43.66	43.99	---	---
15	44.19	44.29	44.26	43.99	44.00	43.79	43.84	43.83	43.65	43.99	---	---
16	44.14	44.30	44.29	44.03	43.99	43.83	43.84	43.92	43.66	44.02	---	---
17	44.17	44.30	44.29	44.12	43.96	43.87	43.84	43.96	43.67	44.03	---	---
18	44.23	44.30	44.28	44.10	43.89	43.88	43.84	43.95	43.68	44.04	43.77	---
19	44.23	44.30	44.38	44.10	43.90	43.80	43.84	43.95	43.62	44.04	43.76	---
20	44.21	44.27	44.46	44.07	43.92	43.77	43.83	43.95	43.55	44.03	43.71	---
21	44.22	44.26	44.39	44.04	43.96	43.78	43.77	43.95	43.55	44.04	43.71	---
22	44.23	44.22	44.31	44.05	43.98	43.80	43.75	43.95	43.60	44.04	---	---
23	44.26	44.22	44.21	43.89	43.88	43.77	43.74	43.95	43.63	44.04	---	---
24	44.26	44.21	44.16	43.87	43.86	43.81	43.73	43.89	43.63	44.06	---	---
25	44.26	44.24	44.25	44.00	43.81	43.83	43.66	43.88	43.63	44.06	---	---
26	44.25	44.29	44.27	44.01	43.70	43.74	43.65	43.88	43.63	44.06	---	---
27	44.24	44.36	44.27	44.02	43.72	43.74	43.67	43.89	43.66	44.06	---	---
28	44.24	44.37	44.25	44.01	43.75	43.83	43.68	43.90	43.70	44.06	---	---
29	44.27	44.38	44.17	44.00	43.73	43.85	43.71	43.91	43.73	44.06	---	---
30	44.27	44.37	44.18	43.93	---	43.80	43.72	43.91	43.75	44.09	---	---
31	44.22	---	44.25	43.85	---	43.70	---	43.90	---	44.12	---	---
MEAN	44.22	44.27	44.27	44.05	43.91	43.79	43.78	43.86	43.72	43.95	---	---
MAX	44.27	44.38	44.46	44.28	44.05	43.88	43.85	43.96	43.91	44.12	---	---
MIN	44.13	44.19	44.16	43.85	43.70	43.67	43.65	43.75	43.55	43.74	---	---



COLLETON COUNTY

323048080181401. Local number, COL-305.

LOCATION.--Lat 32°30'48'', long 80°18'14'', Hydrologic Unit 03050205, at Edisto Beach State Park, 40 ft west of nature trail, 60 ft off shell road, 0.2 mi west of SC Highway 174, approximately 0.6 mi northwest of County Road S-15-683.

Owner: Town of Edisto Beach.

AQUIFER.--Surficial Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 48 ft, casing and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 8.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

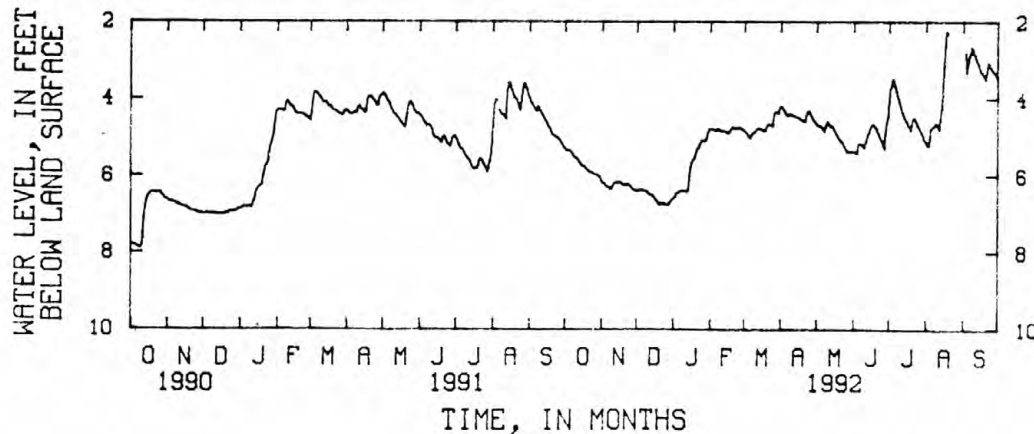
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--July 1987 to current year. Prior to 1989 Water Year, published as CHN-549.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 2.25 ft below land-surface datum, Aug. 18, 1992; lowest, 7.90 ft below land-surface datum, Oct. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.32	6.19	6.41	6.59	4.79	4.84	4.21	4.69	5.38	4.09	5.15	---
2	5.35	6.20	6.41	6.56	4.80	4.87	4.22	4.69	5.39	3.75	5.21	---
3	5.35	6.23	6.39	6.47	4.80	4.91	4.26	4.71	5.42	3.65	5.21	2.82
4	5.35	6.26	6.38	6.46	4.81	4.97	4.31	4.72	5.34	3.49	5.07	3.32
5	5.37	6.30	6.39	6.44	4.81	5.00	4.39	4.75	5.18	3.52	4.79	3.14
6	5.40	6.31	6.39	6.41	4.81	5.01	4.43	4.82	5.16	3.68	4.74	2.92
7	5.45	6.33	6.40	6.40	4.79	4.94	4.44	4.84	5.17	3.79	4.73	2.84
8	5.50	6.37	6.41	6.40	4.79	4.88	4.40	4.74	5.20	3.91	4.70	2.67
9	5.54	6.36	6.43	6.40	4.82	4.87	4.40	4.63	5.24	4.01	4.64	2.71
10	5.55	6.28	6.44	6.40	4.84	4.86	4.42	4.60	5.26	4.12	4.66	2.81
11	5.58	6.22	6.48	6.40	4.84	4.80	4.44	4.66	5.14	4.24	4.71	2.86
12	5.62	6.20	6.51	6.41	4.84	4.77	4.45	4.70	5.03	4.36	4.79	2.95
13	5.67	6.19	6.51	6.38	4.85	4.77	4.46	4.72	4.92	4.43	4.56	3.04
14	5.72	6.18	6.52	6.06	4.87	4.78	4.48	4.73	4.85	4.51	4.27	3.12
15	5.76	6.18	6.56	5.79	4.88	4.79	4.49	4.79	4.75	4.57	3.75	3.22
16	5.77	6.18	6.60	5.66	4.88	4.80	4.50	4.85	4.68	4.62	3.19	3.29
17	5.78	6.19	6.65	5.59	4.87	4.83	4.52	4.90	4.66	4.71	2.65	3.33
18	5.82	6.22	6.69	5.56	4.80	4.83	4.55	4.97	4.69	4.75	2.25	3.38
19	5.84	6.24	6.74	5.46	4.74	4.81	4.57	5.03	4.72	4.82	2.30	3.44
20	5.88	6.25	6.77	5.35	4.75	4.72	4.59	5.07	4.76	4.68	---	3.50
21	5.91	6.26	6.76	5.28	4.77	4.67	4.59	5.10	4.84	4.53	---	3.30
22	5.92	6.25	6.76	5.26	4.77	4.67	4.43	5.13	4.91	4.51	---	3.08
23	5.93	6.24	6.75	5.17	4.77	4.67	4.34	5.19	5.01	4.55	---	3.09
24	5.94	6.25	6.75	5.09	4.76	4.69	4.31	5.25	5.07	4.62	---	3.16
25	5.96	6.28	6.76	5.09	4.76	4.70	4.35	5.31	5.12	4.71	---	3.23
26	5.98	6.31	6.77	5.09	4.76	4.45	4.43	5.37	5.21	4.75	---	3.28
27	5.99	6.36	6.77	5.09	4.78	4.35	4.49	5.37	5.29	4.83	---	3.31
28	6.01	6.38	6.76	5.07	4.79	4.34	4.55	5.38	4.87	4.89	---	3.35
29	6.03	6.39	6.69	4.97	4.81	4.35	4.59	5.38	4.60	4.96	---	3.40
30	6.04	6.40	6.65	4.85	---	4.37	4.64	5.38	4.48	5.06	---	3.48
31	6.14	---	6.62	4.79	---	4.23	---	5.38	---	5.10	---	---
MEAN	5.72	6.27	6.58	5.77	4.81	4.73	4.44	4.96	5.01	4.39	---	---
MAX	6.14	6.40	6.77	6.59	4.88	5.01	4.64	5.38	5.42	5.10	---	---
MIN	5.32	6.18	6.38	4.79	4.74	4.23	4.21	4.60	4.48	3.49	---	---



GROUND-WATER LEVELS

FLORENCE COUNTY

340806079563100. Local number, FLO-85.

LOCATION.--Lat 34°08'06'', long 79°56'31'', Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville.

Owner: Town of Timmonsville.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 535 ft, screened intervals 235-240, 260-270, 410-415, 480-485, 505-515 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft above land-surface datum.

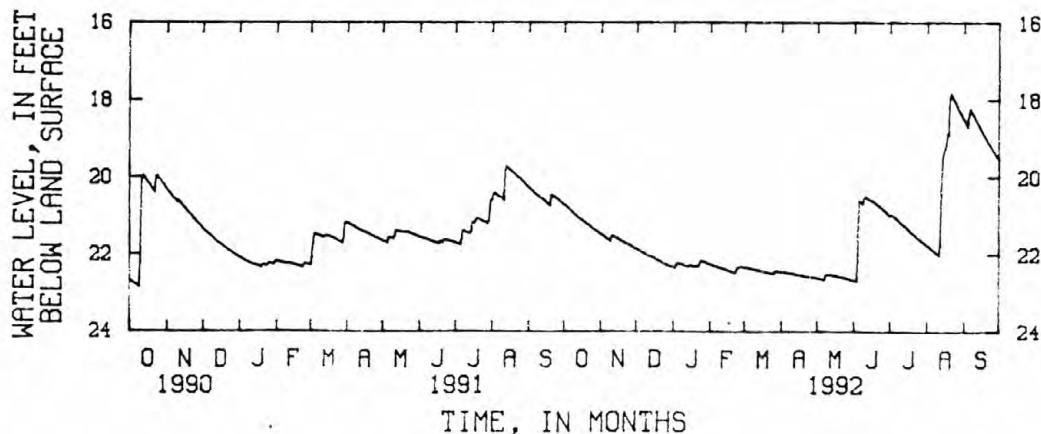
REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.

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, 22.87 ft below land-surface datum, Oct. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.73	21.49	21.88	22.35	22.27	22.34	22.47	22.63	22.69	21.01	21.78	18.53
2	20.75	21.51	21.90	22.37	22.28	22.35	22.47	22.64	22.70	20.99	21.80	18.59
3	20.78	21.53	21.92	22.30	22.29	22.35	22.48	22.64	22.71	21.01	21.83	18.65
4	20.80	21.55	21.93	22.24	22.31	22.37	22.48	22.65	22.17	21.03	21.86	18.71
5	20.83	21.58	21.95	22.25	22.32	22.37	22.49	22.66	20.61	21.05	21.88	18.42
6	20.86	21.60	21.97	22.26	22.33	22.38	22.50	22.67	20.63	21.08	21.91	18.23
7	20.90	21.62	21.99	22.26	22.34	22.39	22.50	22.67	20.67	21.11	21.94	18.29
8	20.93	21.65	22.01	22.27	22.35	22.40	22.51	22.55	20.69	21.14	21.96	18.34
9	20.95	21.67	22.02	22.29	22.36	22.40	22.51	22.54	20.59	21.17	21.99	18.40
10	20.98	21.54	22.04	22.30	22.37	22.41	22.52	22.54	20.51	21.20	22.01	18.47
11	21.01	21.53	22.05	22.31	22.38	22.42	22.52	22.54	20.52	21.22	22.03	18.52
12	21.03	21.55	22.06	22.32	22.39	22.42	22.53	22.54	20.54	21.25	21.77	18.57
13	21.06	21.57	22.07	22.33	22.40	22.43	22.54	22.55	20.57	21.27	20.47	18.64
14	21.08	21.58	22.09	22.31	22.41	22.44	22.54	22.55	20.59	21.30	19.60	18.70
15	21.10	21.60	22.10	22.30	22.42	22.45	22.55	22.56	20.60	21.33	19.35	18.75
16	21.12	21.62	22.12	22.31	22.44	22.46	22.56	22.56	20.62	21.36	19.27	18.82
17	21.15	21.64	22.14	22.32	22.45	22.47	22.56	22.57	20.62	21.39	19.17	18.88
18	21.17	21.66	22.16	22.33	22.46	22.47	22.57	22.58	20.66	21.42	18.88	18.94
19	21.19	21.67	22.18	22.32	22.47	22.48	22.57	22.59	20.68	21.45	18.89	18.99
20	21.22	21.69	22.19	22.31	22.48	22.49	22.58	22.59	20.71	21.47	17.96	19.05
21	21.24	21.71	22.21	22.32	22.49	22.49	22.59	22.60	20.73	21.50	17.84	19.11
22	21.26	21.73	22.22	22.32	22.50	22.50	22.59	22.61	20.76	21.53	17.90	19.15
23	21.29	21.74	22.25	22.25	22.43	22.51	22.60	22.61	20.79	21.55	17.97	19.20
24	21.31	21.76	22.26	22.18	22.35	22.51	22.60	22.62	20.82	21.58	18.03	19.26
25	21.34	21.78	22.28	22.19	22.35	22.52	22.61	22.63	20.85	21.61	18.09	19.30
26	21.36	21.79	22.29	22.19	22.33	22.47	22.61	22.64	20.87	21.63	18.15	19.35
27	21.38	21.81	22.31	22.20	22.33	22.45	22.61	22.65	20.90	21.66	18.22	19.41
28	21.40	21.83	22.32	22.22	22.33	22.45	22.61	22.66	20.93	21.68	18.29	19.46
29	21.42	21.85	22.33	22.24	22.34	22.46	22.62	22.67	20.96	21.70	18.35	19.50
30	21.44	21.87	22.34	22.25	---	22.46	22.62	22.68	21.00	21.73	18.40	19.55
31	21.46	---	22.34	22.26	---	22.47	---	22.69	---	21.75	18.47	---
MEAN	21.11	21.66	22.13	22.28	22.38	22.44	22.55	22.61	20.96	21.36	19.87	18.86
MAX	21.46	21.87	22.34	22.37	22.50	22.52	22.62	22.69	22.71	21.75	22.03	19.55
MIN	20.73	21.49	21.88	22.18	22.27	22.34	22.47	22.54	20.51	20.99	17.84	18.23



FLORENCE COUNTY

341200079444100. Local number, FLO-99.

LOCATION.--Lat 34°12'00'', long 79°44'41'', Hydrologic Unit 03040201, 85 ft east of the rear of City Products warehouse off East Day Street in Florence.

Owner: City Products, Kenneth Ness.

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.72 ft above land-surface datum.

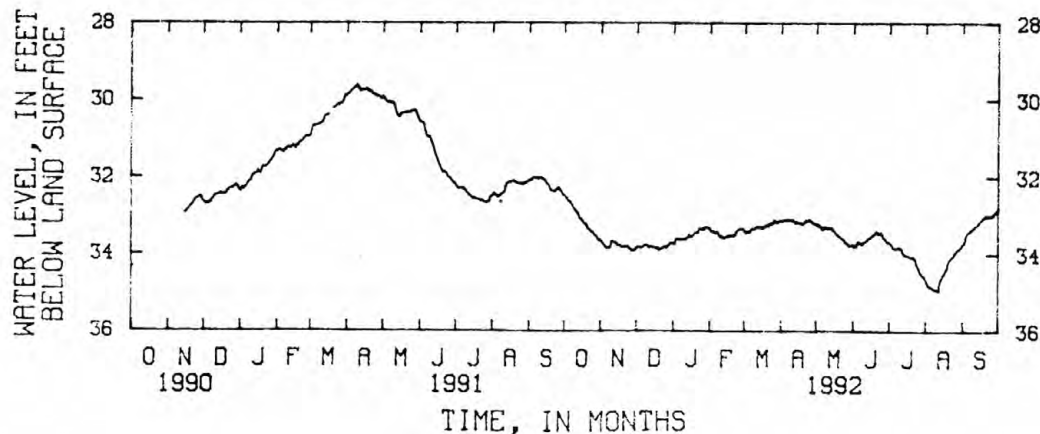
REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft. Obstruction between 30 to 40 ft. Water-quality data available in District files.

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, 34.95 ft below land-surface datum, Aug. 11, 12, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.50	33.68	33.84	33.72	33.35	33.41	33.12	33.22	33.79	33.70	34.66	33.72
2	32.54	33.72	33.82	33.74	33.40	33.44	33.13	33.26	33.78	33.73	34.75	33.70
3	32.56	33.76	33.83	33.61	33.43	33.41	33.11	33.24	33.80	33.77	34.83	33.60
4	32.63	33.79	33.84	33.60	33.41	33.42	33.11	33.27	33.72	33.84	34.85	33.48
5	32.64	33.83	33.84	33.63	33.45	33.43	33.11	33.30	33.67	33.85	34.83	33.44
6	32.67	33.86	33.82	33.63	33.45	33.36	33.10	33.35	33.70	33.85	34.87	33.40
7	32.73	33.85	33.80	33.62	33.43	33.33	33.10	33.34	33.70	33.84	34.90	33.39
8	32.77	33.86	33.77	33.63	33.47	33.34	33.11	33.29	33.74	33.83	34.91	33.34
9	32.82	33.82	33.77	33.62	33.52	33.34	33.11	33.30	33.71	33.84	34.93	33.34
10	32.87	33.67	33.78	33.61	33.56	33.30	33.10	33.31	33.67	33.85	34.93	33.31
11	32.91	33.68	33.84	33.63	33.54	33.28	33.12	33.33	33.66	33.86	34.95	33.27
12	32.95	33.70	33.83	33.60	33.57	33.30	33.14	33.31	33.64	33.94	34.95	33.24
13	33.00	33.70	33.81	33.58	33.59	33.29	33.19	33.32	33.59	33.98	34.73	33.22
14	33.09	33.73	33.83	33.49	33.56	33.30	33.16	33.32	33.57	34.03	34.63	33.18
15	33.10	33.77	33.84	33.54	33.55	33.28	33.17	33.36	33.56	34.03	34.55	33.14
16	33.14	33.78	33.85	33.54	33.53	33.32	33.18	33.40	33.52	34.03	34.52	33.10
17	33.19	33.79	33.86	33.53	33.54	33.29	33.19	33.43	33.50	34.05	34.46	33.08
18	33.23	33.82	33.85	33.51	33.52	33.29	33.19	33.48	33.48	34.06	34.39	33.03
19	33.23	33.83	33.90	33.46	33.52	33.25	33.19	33.49	33.44	34.08	34.33	33.02
20	33.29	33.83	33.92	33.44	33.50	33.23	33.21	33.53	33.40	34.09	34.17	32.99
21	33.35	33.82	33.87	33.43	33.52	33.26	33.17	33.55	33.43	34.07	34.14	33.01
22	33.37	33.81	33.87	33.43	33.50	33.22	33.11	33.59	33.48	34.10	34.10	33.01
23	33.40	33.81	33.85	33.34	33.42	33.18	33.13	33.60	33.47	34.14	34.07	33.00
24	33.44	33.83	33.81	33.34	33.39	33.20	33.13	33.62	33.44	34.25	34.05	33.01
25	33.45	33.88	33.83	33.37	33.35	33.18	33.10	33.68	33.49	34.33	33.99	32.99
26	33.51	33.90	33.85	33.33	33.34	33.12	33.12	33.71	33.57	34.38	33.95	32.97
27	33.52	33.93	33.79	33.36	33.35	33.13	33.16	33.73	33.59	34.48	33.89	32.92
28	33.55	33.92	33.79	33.29	33.34	33.16	33.17	33.78	33.65	34.52	33.86	32.89
29	33.60	33.92	33.71	33.30	33.35	33.16	33.20	33.77	33.68	34.57	33.86	32.84
30	33.64	33.89	33.72	33.31	---	33.14	33.21	33.76	33.68	34.58	33.82	32.83
31	33.65	---	33.72	33.32	---	33.12	---	33.75	---	34.62	33.77	---
MEAN	33.11	33.81	33.82	33.50	33.46	33.27	33.14	33.46	33.60	34.07	34.44	33.18
MAX	33.65	33.93	33.92	33.74	33.59	33.44	33.21	33.78	33.80	34.62	34.95	33.72
MIN	32.50	33.67	33.71	33.29	33.34	33.12	33.10	33.22	33.40	33.70	33.77	32.83



GROUND-WATER LEVELS

FLORENCE COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

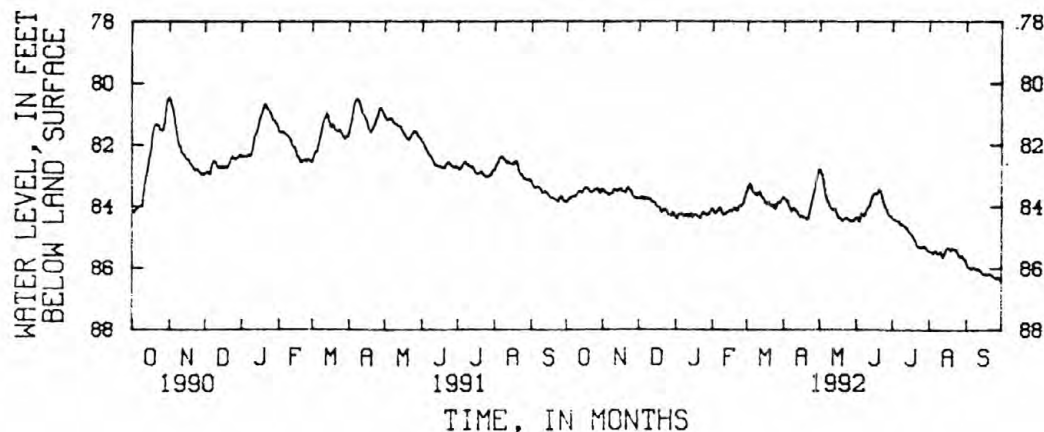
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

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, 86.43 ft below land-surface datum, Sept. 30, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83.87	83.45	83.74	84.39	84.10	83.47	83.73	82.80	84.36	84.43	85.46	85.87
2	83.82	83.51	83.74	84.40	84.17	83.34	83.77	82.87	84.41	84.44	85.48	85.97
3	83.75	83.54	83.69	84.30	84.22	83.26	83.83	82.97	84.48	84.44	85.49	85.99
4	83.76	83.56	83.73	84.26	84.22	83.32	83.82	83.18	84.38	84.48	85.54	86.00
5	83.72	83.62	83.79	84.27	84.16	83.45	83.99	83.42	84.24	84.50	85.47	86.03
6	83.67	83.63	83.73	84.25	84.08	83.55	84.11	83.69	84.27	84.48	85.44	86.01
7	83.68	83.60	83.71	84.28	84.04	83.57	84.16	83.81	84.31	84.57	85.49	85.99
8	83.67	83.58	83.78	84.33	84.12	83.62	84.10	83.87	84.26	84.62	85.54	86.01
9	83.67	83.57	83.76	84.30	84.23	83.65	84.07	83.97	84.15	84.59	85.52	86.05
10	83.59	83.45	83.76	84.27	84.28	83.56	84.10	84.05	84.04	84.63	85.48	86.04
11	83.53	83.46	83.83	84.32	84.26	83.53	84.16	84.08	84.01	84.66	85.57	86.05
12	83.51	83.46	83.86	84.34	84.24	83.61	84.20	84.12	83.94	84.70	85.65	86.08
13	83.52	83.50	83.87	84.28	84.19	83.67	84.29	84.11	83.80	84.72	85.58	86.11
14	83.55	83.47	83.88	84.24	84.18	83.73	84.34	84.11	83.67	84.80	85.51	86.16
15	83.53	83.42	83.97	84.35	84.14	83.78	84.32	84.21	83.59	84.85	85.40	86.20
16	83.42	83.42	84.01	84.33	84.12	83.89	84.33	84.32	83.58	84.89	85.35	86.21
17	83.38	83.51	84.04	84.29	84.15	83.92	84.36	84.38	83.58	84.93	85.37	86.20
18	83.40	83.53	84.04	84.29	84.11	83.93	84.38	84.39	83.57	85.00	85.37	86.22
19	83.41	83.53	84.16	84.30	84.04	83.86	84.41	84.43	83.47	85.06	85.42	86.21
20	83.46	83.54	84.20	84.34	84.07	83.94	84.43	84.46	83.44	85.13	85.37	86.20
21	83.53	83.43	84.15	84.39	84.13	83.99	84.41	84.44	83.51	85.26	85.38	86.21
22	83.53	83.38	84.12	84.38	84.13	83.97	84.26	84.41	83.67	85.31	85.38	86.23
23	83.52	83.43	84.12	84.21	84.01	83.96	84.10	84.39	83.82	85.32	85.39	86.27
24	83.50	83.48	84.16	84.19	83.96	84.09	83.91	84.39	83.92	85.33	85.47	86.30
25	83.46	83.59	84.27	84.24	83.97	84.07	83.71	84.43	84.05	85.34	85.56	86.32
26	83.44	83.66	84.29	84.24	83.94	83.91	83.57	84.46	84.12	85.32	85.64	86.35
27	83.41	83.71	84.30	84.30	83.88	83.87	83.41	84.48	84.24	85.31	85.64	86.31
28	83.46	83.73	84.32	84.27	83.70	83.89	83.17	84.48	84.31	85.32	85.61	86.32
29	83.57	83.73	84.21	84.26	83.55	83.84	82.95	84.48	84.32	85.36	85.67	86.40
30	83.56	83.74	84.23	84.16	---	83.77	82.80	84.43	84.37	85.41	85.71	86.43
31	83.45	---	84.33	84.08	---	83.70	---	84.38	---	85.44	85.74	---
MEAN	83.56	83.54	83.99	84.29	84.08	83.73	83.97	84.06	84.00	84.92	85.51	86.16
MAX	83.87	83.74	84.33	84.40	84.28	84.09	84.43	84.48	84.48	85.44	85.74	86.43
MIN	83.38	83.38	83.69	84.08	83.55	83.26	82.80	82.80	83.44	84.43	85.35	85.87



GROUND-WATER LEVELS

GEORGETOWN COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.

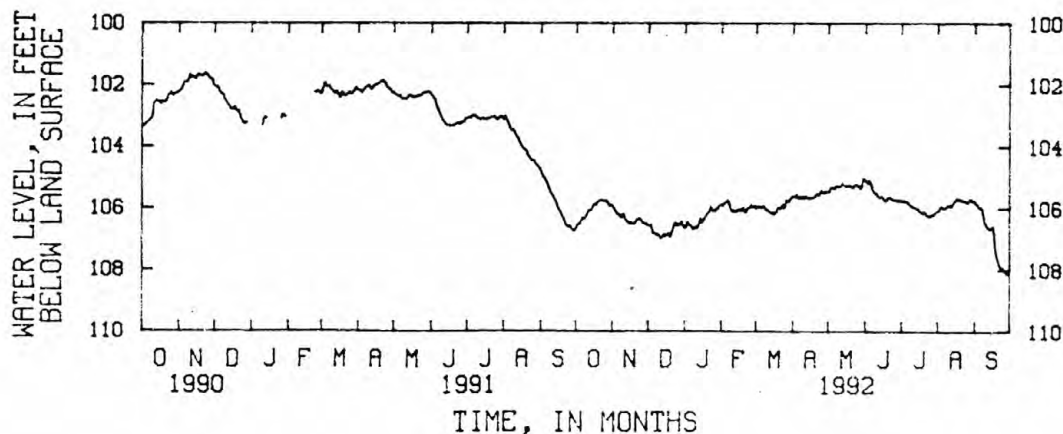
REMARKS.--Driller's log and geophysical logs available in District files.

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, 108.14 ft below land-surface datum, Sept. 29, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	106.66	105.94	106.56	106.66	105.88	106.00	105.62	105.46	105.09	105.76	106.10	105.80
2	106.55	106.00	106.58	106.62	105.91	105.97	105.61	105.44	105.13	105.76	106.06	105.85
3	106.52	106.09	106.56	106.46	105.87	105.94	105.63	105.34	105.17	105.77	105.99	105.89
4	106.51	106.13	106.66	106.47	105.83	105.95	105.56	105.32	105.10	105.78	105.94	105.95
5	106.43	106.18	106.81	106.53	105.80	105.99	105.65	105.32	105.16	105.79	105.97	105.98
6	106.34	106.22	106.83	106.56	105.75	105.97	105.68	105.35	105.28	105.81	106.00	105.98
7	106.36	106.25	106.85	106.64	105.77	105.93	105.63	105.30	105.40	105.86	106.00	106.04
8	106.35	106.31	106.89	106.70	105.87	105.99	105.62	105.26	105.49	105.91	105.98	106.19
9	106.32	106.29	106.87	106.65	106.03	106.06	105.66	105.28	105.52	105.92	105.94	106.46
10	106.23	106.21	106.90	106.61	106.10	106.04	105.66	105.28	105.51	105.95	105.90	106.52
11	106.13	106.29	106.98	106.65	106.09	106.07	105.64	105.28	105.60	105.96	105.90	106.58
12	106.08	106.38	106.98	106.64	106.12	106.13	105.61	105.24	105.63	105.98	105.93	106.64
13	106.08	106.43	106.94	106.50	106.11	106.15	105.65	105.19	105.63	106.00	105.91	106.67
14	106.06	106.47	106.87	106.35	106.10	106.17	105.67	105.21	105.62	106.02	105.85	106.66
15	105.97	106.50	106.91	106.45	106.06	106.14	105.66	105.25	105.65	106.04	105.77	106.65
16	105.87	106.47	106.90	106.45	106.05	106.20	105.67	105.27	105.71	106.09	105.74	106.61
17	105.90	106.50	106.87	106.40	106.07	106.17	105.66	105.27	105.76	106.13	105.68	106.82
18	105.90	106.50	106.83	106.34	106.02	106.12	105.65	105.25	105.75	106.15	105.70	107.37
19	105.82	106.50	106.93	106.27	106.00	105.99	105.63	105.25	105.69	106.16	105.71	107.53
20	105.78	106.49	106.91	106.18	106.09	105.99	105.60	105.28	105.64	106.14	105.70	107.68
21	105.76	106.43	106.77	106.14	106.14	106.02	105.53	105.30	105.63	106.16	105.74	107.82
22	105.74	106.37	106.65	106.11	106.12	105.94	105.52	105.30	105.68	106.21	105.75	107.91
23	105.74	106.37	106.52	105.96	106.01	105.87	105.56	105.25	105.71	106.25	105.76	107.93
24	105.75	106.35	106.48	106.00	105.99	105.98	105.51	105.21	105.71	106.27	105.77	107.95
25	105.76	106.41	106.56	106.08	105.96	105.95	105.43	105.23	105.73	106.26	105.79	107.99
26	105.76	106.45	106.56	106.08	105.89	105.75	105.47	105.25	105.75	106.23	105.79	108.02
27	105.77	106.50	106.55	106.09	105.96	105.74	105.48	105.30	105.74	106.21	105.78	108.10
28	105.81	106.51	106.51	106.02	105.95	105.78	105.46	105.35	105.75	106.22	105.71	108.12
29	105.92	106.52	106.45	106.02	105.93	105.76	105.49	105.27	105.75	106.19	105.72	108.14
30	105.93	106.54	106.53	105.95	---	105.68	105.46	105.03	105.75	106.14	105.75	108.13
31	105.90	---	106.63	105.87	---	105.61	---	105.05	---	106.12	105.76	---
MEAN	106.05	106.35	106.74	106.34	105.98	105.97	105.59	105.27	105.56	106.04	105.84	107.00
MAX	106.66	106.54	106.98	106.70	106.14	106.20	105.68	105.46	105.76	106.27	106.10	108.14
MIN	105.74	105.94	106.45	105.87	105.75	105.61	105.43	105.03	105.09	105.76	105.68	105.80



GROUND-WATER LEVELS

GEORGETOWN COUNTY

332610079104000. Local number, GEO-84.

LOCATION.--Lat 33°26'09'', long 79°10'35'', Hydrologic Unit 03040207, 2 mi west of Pawleys Island, South Causeway entrance on U.S. Highway 17.

Owner: Johnnie Strait.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

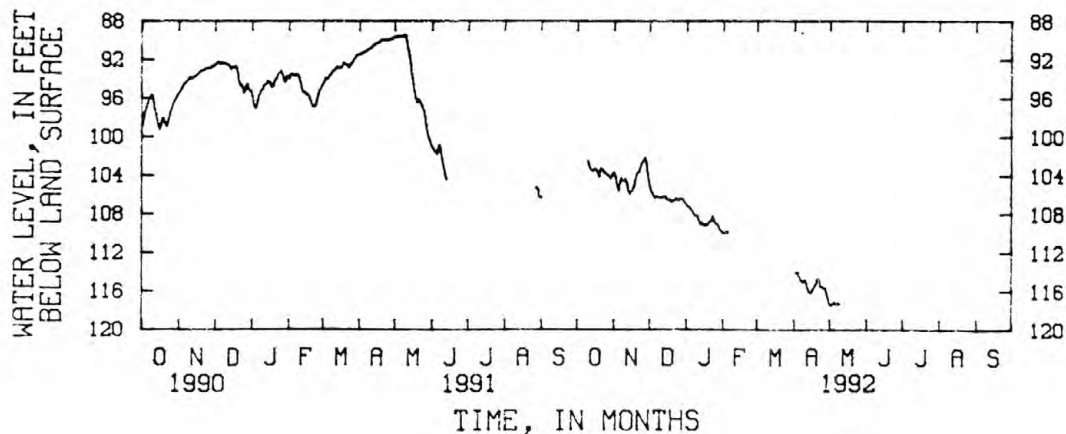
REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct. 1969 to 535 ft. Water-level influenced by nearby pumping. Water-quality data available in District files.

PERIOD OF RECORD.--December 1977 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.38 ft below land-surface datum, Feb. 10, 1978; lowest, 117.43 ft below land-surface datum, May 1, 2, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	103.72	105.11	107.10	110.00	---	---	117.43	---	---	---	---
2	---	104.00	105.64	107.24	110.02	---	114.13	117.43	---	---	---	---
3	---	104.71	105.83	107.27	110.00	---	114.15	117.42	---	---	---	---
4	---	105.29	106.20	107.46	109.93	---	114.11	117.33	---	---	---	---
5	---	105.54	106.34	107.59	109.93	---	114.52	117.21	---	---	---	---
6	---	104.81	106.25	107.77	---	---	114.86	117.37	---	---	---	---
7	---	104.31	106.24	108.02	---	---	114.99	117.40	---	---	---	---
8	---	104.48	106.28	108.21	---	---	115.05	117.31	---	---	---	---
9	---	104.52	106.31	108.23	---	---	114.94	117.36	---	---	---	---
10	102.50	104.37	106.34	108.22	---	---	114.90	---	---	---	---	---
11	102.93	104.56	106.32	108.57	---	---	115.17	---	---	---	---	---
12	103.23	104.86	106.30	108.97	---	---	115.76	---	---	---	---	---
13	103.47	105.66	106.26	109.10	---	---	116.04	---	---	---	---	---
14	103.55	105.92	106.24	108.95	---	---	116.17	---	---	---	---	---
15	103.41	105.69	106.52	109.10	---	---	116.22	---	---	---	---	---
16	103.33	105.62	106.59	109.24	---	---	116.06	---	---	---	---	---
17	103.39	105.34	106.57	109.18	---	---	115.72	---	---	---	---	---
18	103.67	105.06	106.58	109.19	---	---	115.47	---	---	---	---	---
19	104.12	104.49	106.75	109.11	---	---	115.31	---	---	---	---	---
20	104.03	103.86	106.69	108.92	---	---	114.88	---	---	---	---	---
21	103.29	103.71	106.61	108.84	---	---	114.71	---	---	---	---	---
22	103.27	103.65	106.57	108.66	---	---	115.06	---	---	---	---	---
23	103.51	103.21	106.42	108.31	---	---	115.53	---	---	---	---	---
24	103.76	102.78	106.50	108.54	---	---	115.58	---	---	---	---	---
25	103.74	102.52	106.59	108.89	---	---	115.59	---	---	---	---	---
26	103.86	102.32	106.51	109.03	---	---	115.73	---	---	---	---	---
27	103.97	102.14	106.51	109.12	---	---	115.73	---	---	---	---	---
28	104.19	102.59	106.46	109.30	---	---	116.11	---	---	---	---	---
29	104.33	103.60	106.51	109.58	---	---	116.64	---	---	---	---	---
30	104.15	104.45	106.73	109.75	---	---	117.23	---	---	---	---	---
31	103.82	---	106.88	109.90	---	---	---	---	---	---	---	---
MEAN	---	104.26	106.38	108.62	---	---	---	---	---	---	---	---
MAX	---	105.92	106.88	109.90	---	---	---	---	---	---	---	---
MIN	---	102.14	105.11	107.10	---	---	---	---	---	---	---	---



GROUND-WATER LEVELS

GREENVILLE COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.73 ft above land-surface datum.

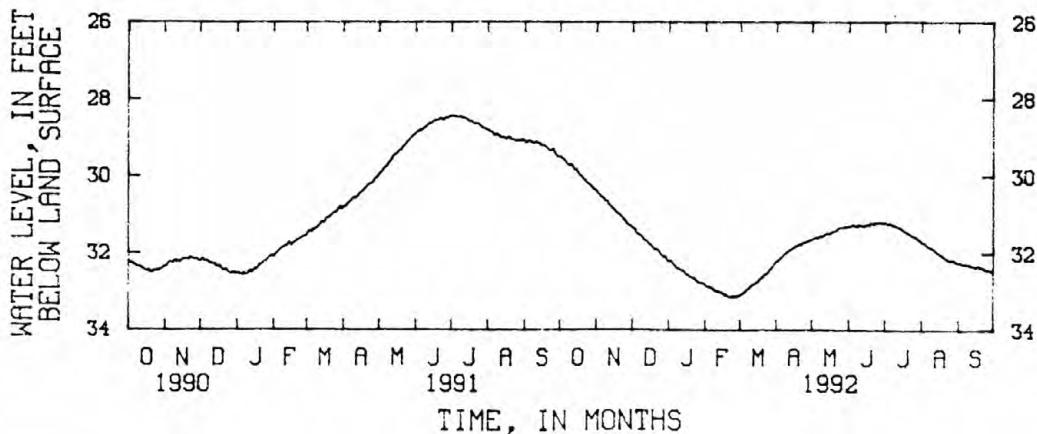
REMARKS.--Geophysical logs available in District files.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.51	30.39	31.34	32.23	32.85	33.12	32.22	31.64	31.29	31.20	31.71	32.26
2	29.51	30.44	31.36	32.23	32.87	33.09	32.20	31.62	31.29	31.21	31.72	32.26
3	29.55	30.48	31.38	32.22	32.88	33.06	32.16	31.60	31.28	31.22	31.73	32.26
4	29.58	30.51	31.46	32.27	32.88	33.04	32.12	31.59	31.25	31.23	31.76	32.28
5	29.59	30.55	31.50	32.30	32.90	33.02	32.13	31.58	31.26	31.22	31.79	32.29
6	29.64	30.56	31.51	32.33	32.91	32.98	32.09	31.59	31.29	31.23	31.82	32.29
7	29.68	30.59	31.53	32.37	32.92	32.95	32.04	31.57	31.29	31.26	31.84	32.29
8	29.72	30.64	31.56	32.40	32.96	32.94	32.02	31.54	31.29	31.27	31.86	32.29
9	29.73	30.65	31.57	32.40	32.99	32.91	31.99	31.55	31.26	31.28	31.87	32.30
10	29.71	30.66	31.62	32.42	33.00	32.85	31.97	31.55	31.26	31.29	31.88	32.30
11	29.72	30.73	31.66	32.46	33.00	32.85	31.94	31.53	31.27	31.30	31.90	32.32
12	29.77	30.76	31.68	32.47	33.02	32.82	31.92	31.51	31.28	31.32	31.94	32.34
13	29.83	30.79	31.69	32.46	33.02	32.80	31.92	31.48	31.28	31.33	31.96	32.34
14	29.85	30.83	31.72	32.49	33.04	32.78	31.88	31.48	31.28	31.34	31.98	32.35
15	29.84	30.86	31.77	32.54	33.04	32.76	31.86	31.48	31.27	31.36	32.00	32.36
16	29.90	30.88	31.79	32.57	33.07	32.75	31.84	31.48	31.25	31.39	32.03	32.36
17	29.95	30.93	31.80	32.57	33.09	32.70	31.82	31.46	31.25	31.41	32.05	32.35
18	29.99	30.96	31.85	32.60	33.09	32.67	31.81	31.44	31.25	31.43	32.07	32.35
19	30.00	30.99	31.90	32.62	33.11	32.62	31.79	31.43	31.21	31.45	32.09	32.36
20	30.05	31.01	31.91	32.63	33.14	32.63	31.77	31.42	31.21	31.47	32.11	32.38
21	30.08	31.03	31.91	32.65	33.15	32.60	31.75	31.41	31.21	31.48	32.14	32.38
22	30.11	31.06	31.92	32.67	33.15	32.55	31.77	31.39	31.22	31.50	32.16	32.39
23	30.14	31.09	31.94	32.65	33.14	32.54	31.75	31.36	31.20	31.53	32.18	32.41
24	30.17	31.13	31.99	32.72	33.16	32.53	31.71	31.33	31.19	31.55	32.20	32.44
25	30.20	31.17	32.04	32.73	33.14	32.49	31.70	31.33	31.19	31.56	32.20	32.44
26	30.22	31.22	32.07	32.77	33.14	32.43	31.70	31.32	31.19	31.57	32.20	32.44
27	30.25	31.25	32.10	32.78	33.16	32.41	31.69	31.32	31.19	31.58	32.19	32.45
28	30.29	31.27	32.10	32.79	33.12	32.39	31.67	31.32	31.20	31.61	32.19	32.45
29	30.35	31.29	32.11	32.80	33.12	32.34	31.66	31.31	31.20	31.64	32.23	32.47
30	30.34	31.32	32.18	32.80	---	32.29	31.64	31.31	31.20	31.65	32.24	32.48
31	30.36	---	32.22	32.81	---	32.26	---	31.30	---	31.68	32.25	---
MEAN	29.92	30.87	31.78	32.54	33.04	32.72	31.88	31.46	31.24	31.41	32.01	32.36
MAX	30.36	31.32	32.22	32.81	33.16	33.12	32.22	31.64	31.29	31.68	32.25	32.48
MIN	29.51	30.39	31.34	32.22	32.85	32.26	31.64	31.30	31.19	31.20	31.71	32.26



GROUND-WATER LEVELS

HAMPTON COUNTY

325005081122800. Local number, HAM-82.

LOCATION.--Lat 32°50'05'', long 81°12'28'', Hydrologic Unit 03050208, at the intersection of State Highway 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Santee Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.80 ft above land-surface datum.

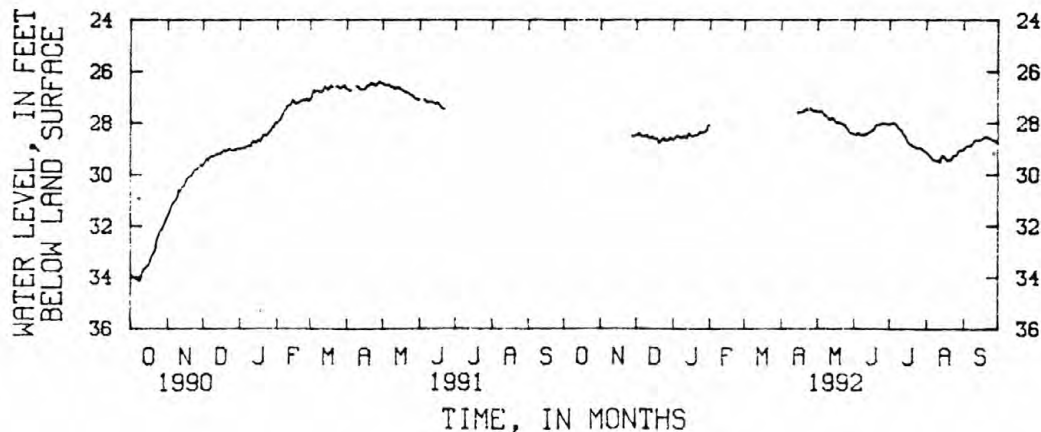
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--February 1977 to June 1991, November 1991 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 25.43 below land-surface datum, Apr. 24, 1983; lowest, 34.15 ft below land-surface datum Oct. 8, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	28.48	28.67	---	---	---	27.55	28.43	28.05	29.16	29.02
2	---	---	28.45	28.62	---	---	---	27.57	28.45	28.03	29.21	28.97
3	---	---	28.40	28.53	---	---	---	27.53	28.47	28.01	29.26	28.92
4	---	---	28.44	28.51	---	---	---	27.54	28.40	28.00	29.31	28.89
5	---	---	28.51	28.53	---	---	---	27.58	28.40	28.02	29.35	28.88
6	---	---	28.51	28.54	---	---	---	27.66	28.45	28.04	29.42	28.88
7	---	---	28.51	28.57	---	---	---	27.69	28.47	28.10	29.43	28.87
8	---	---	28.51	28.59	---	---	---	27.69	28.49	28.18	29.45	28.83
9	---	---	28.50	28.56	---	---	---	27.76	28.47	28.21	29.46	28.78
10	---	---	28.50	28.53	---	---	---	27.83	28.43	28.25	29.47	28.71
11	---	---	28.58	28.56	---	---	---	27.85	28.44	28.31	29.49	28.66
12	---	---	28.59	28.58	---	---	---	27.85	28.41	28.40	29.53	28.66
13	---	---	28.58	28.49	---	---	---	27.81	28.37	28.46	29.36	28.66
14	---	---	28.54	28.41	---	---	27.59	27.83	28.35	28.54	29.27	28.65
15	---	---	28.60	28.47	---	---	27.56	27.88	28.32	28.63	29.29	28.65
16	---	---	28.62	28.51	---	---	27.57	27.95	28.28	28.74	29.33	28.64
17	---	---	28.62	28.52	---	---	27.57	27.99	28.27	28.79	29.40	28.61
18	---	---	28.62	28.51	---	---	27.56	27.98	28.21	28.83	29.46	28.56
19	---	---	28.72	28.50	---	---	27.55	27.99	28.11	28.85	29.46	28.54
20	---	---	28.79	28.49	---	---	27.51	28.00	28.06	28.89	29.43	28.53
21	---	---	28.72	28.48	---	---	27.46	28.02	28.06	28.91	29.44	28.54
22	---	---	28.67	28.47	---	---	27.44	28.05	28.06	28.95	29.38	28.55
23	---	---	28.62	28.36	---	---	27.49	28.07	28.05	28.96	29.28	28.57
24	---	---	28.60	28.36	---	---	27.46	28.08	28.02	28.98	29.27	28.61
25	---	---	28.67	28.38	---	---	27.42	28.15	28.02	28.99	29.26	28.65
26	---	---	28.69	28.36	---	---	27.47	28.22	28.02	28.98	29.22	28.67
27	---	28.51	28.69	28.36	---	---	27.51	28.29	28.02	28.99	29.14	28.67
28	---	28.52	28.66	28.32	---	---	27.51	28.36	28.02	29.02	29.07	28.69
29	---	28.51	28.59	28.28	---	---	27.54	28.40	28.03	29.07	29.06	28.73
30	---	28.50	28.61	28.14	---	---	27.53	28.41	28.04	29.10	29.06	28.78
31	---	---	28.67	28.09	---	---	---	28.42	---	29.13	29.05	---
MEAN	---	---	28.59	28.46	---	---	---	27.94	28.25	28.59	29.32	28.71
MAX	---	---	28.79	28.67	---	---	---	28.42	28.49	29.13	29.53	29.02
MIN	---	---	28.40	28.09	---	---	---	27.53	28.02	28.00	29.05	28.53



GROUND-WATER LEVELS

HAMPTON COUNTY

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 Water Resources Commission.

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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

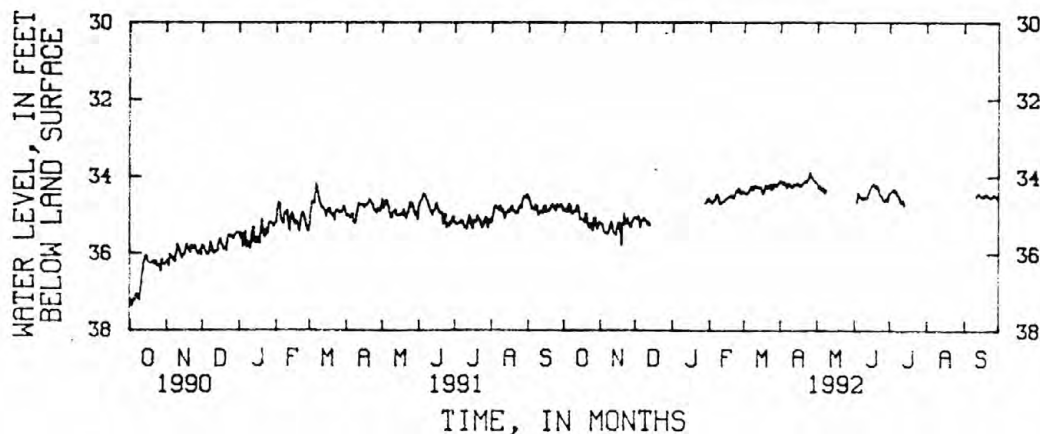
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

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, 37.38 ft below land-surface datum, Oct. 3, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.89	35.23	35.08	---	34.62	34.41	34.11	34.19	---	34.43	---	---
2	34.85	35.24	35.11	---	34.69	34.43	34.14	34.30	---	34.40	---	---
3	34.93	35.33	35.03	---	34.69	34.45	34.18	34.24	34.67	34.36	---	---
4	34.92	35.44	35.12	---	34.65	34.43	34.14	34.36	34.42	34.33	---	---
5	34.71	35.48	35.32	---	34.62	34.39	34.22	34.31	34.50	34.40	---	---
6	34.75	35.46	35.15	---	34.48	34.30	34.28	34.31	34.53	34.37	---	---
7	34.96	35.49	35.14	---	34.46	34.25	34.19	34.43	34.57	34.45	---	---
8	34.97	35.42	35.08	---	34.50	34.33	34.18	34.36	34.59	34.49	---	---
9	34.92	35.27	35.12	---	34.73	34.34	34.23	---	34.55	34.54	---	---
10	34.92	35.18	35.15	---	34.71	34.22	34.27	---	34.55	34.68	---	---
11	34.86	35.27	35.24	---	34.69	34.24	34.26	---	34.56	34.69	---	34.52
12	34.75	35.47	35.20	---	34.66	34.27	34.20	---	34.54	34.63	---	34.48
13	34.81	35.49	35.26	---	34.64	34.27	34.20	---	34.44	34.74	---	34.44
14	35.12	35.52	---	---	34.60	34.29	34.21	---	34.33	---	---	34.46
15	35.10	35.35	---	---	34.58	34.27	34.17	---	34.26	---	---	34.50
16	35.12	35.21	---	---	34.55	34.39	34.20	---	34.21	---	---	34.53
17	35.13	35.20	---	---	34.52	34.44	34.25	---	34.18	---	---	34.51
18	35.19	35.41	---	---	34.51	34.38	34.24	---	34.23	---	---	34.52
19	34.97	35.78	---	---	34.49	34.22	34.18	---	34.29	---	---	34.47
20	34.98	35.27	---	---	34.54	34.27	34.14	---	34.23	---	---	34.47
21	35.27	34.97	---	---	34.56	34.30	34.10	---	34.28	---	---	34.48
22	35.33	35.24	---	---	34.49	34.23	34.13	---	34.41	---	---	34.53
23	35.22	35.18	---	---	34.37	34.20	34.11	---	34.49	---	---	34.54
24	35.35	35.09	---	---	34.39	34.33	34.03	---	34.49	---	---	34.54
25	35.40	35.23	---	---	34.30	34.32	33.89	---	34.61	---	---	34.53
26	35.09	35.30	---	---	34.32	34.18	33.97	---	34.63	---	---	34.47
27	35.08	35.31	---	---	34.44	34.20	34.03	---	34.64	---	---	34.49
28	35.26	35.18	---	34.69	34.43	34.24	34.08	---	34.58	---	---	34.51
29	35.35	35.09	---	34.67	34.39	34.23	34.12	---	34.63	---	---	34.56
30	35.24	35.06	---	34.58	---	34.18	34.14	---	34.49	---	---	34.61
31	35.19	---	---	34.57	---	34.13	---	---	---	---	---	---
MEAN	35.05	35.31	---	---	34.54	34.29	34.15	---	---	---	---	---
MAX	35.40	35.78	---	---	34.73	34.45	34.28	---	---	---	---	---
MIN	34.71	34.97	---	---	34.30	34.13	33.89	---	---	---	---	---



GROUND-WATER LEVELS

HORRY COUNTY

334747078435400. Local number, HO-269.

LOCATION.--Lat 33°47'47'', long 78°43'54'', Hydrologic Unit 03040207, Windy Hill Park.

Owner: City of North Myrtle Beach.

AQUIFER.--Pee Dee and Black Creek Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 416 ft, screens located at unknown intervals below 201 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

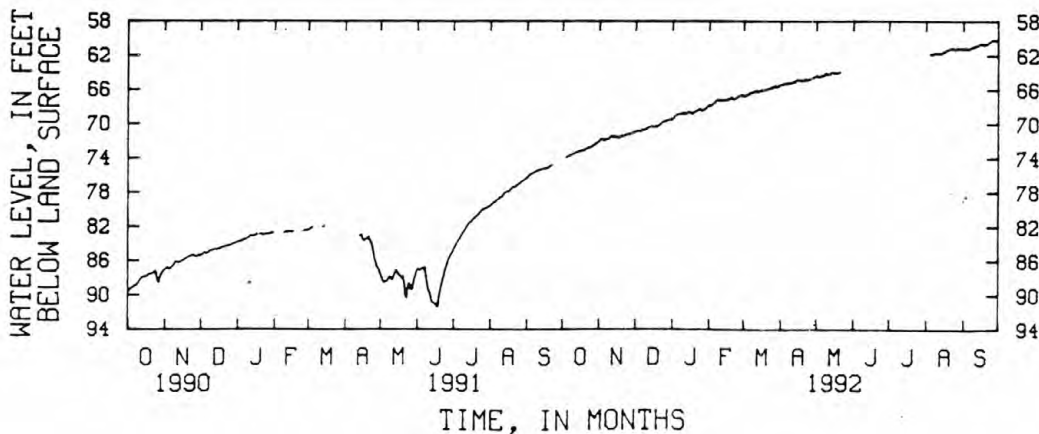
REMARKS.--Geophysical logs available in District Files.

PERIOD OF RECORD.--June 1977 to September 1992 (discontinued). Prior to October 1983, published as HO-433.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 118.76 ft below land-surface datum, Aug. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	71.96	70.87	69.38	67.81	66.68	65.38	64.36	---	---	---	61.17
2	---	71.78	70.84	69.26	67.80	66.68	65.32	64.39	---	---	---	61.18
3	---	71.77	70.77	69.04	67.75	66.65	65.31	64.41	---	---	---	61.15
4	73.91	71.83	70.75	68.90	67.64	66.57	65.23	64.41	---	---	61.82	61.15
5	73.84	71.87	70.80	68.89	67.54	66.44	65.21	64.37	---	---	61.82	61.17
6	73.72	71.84	70.74	68.82	67.36	66.38	65.23	64.35	---	---	61.80	61.15
7	73.69	71.78	70.68	68.76	67.19	66.30	65.22	64.27	---	---	61.76	61.09
8	73.64	71.74	70.65	68.77	67.14	66.26	65.18	64.09	---	---	61.72	61.00
9	73.57	71.67	70.61	68.75	67.20	66.26	65.16	64.10	---	---	61.69	60.94
10	73.50	71.48	70.53	68.74	67.22	66.18	65.14	64.15	---	---	61.67	60.89
11	73.43	71.46	70.45	68.76	67.18	66.12	65.11	---	---	---	61.67	60.85
12	73.35	71.49	70.35	68.76	67.20	66.17	65.06	64.14	---	---	61.71	60.83
13	73.32	71.50	70.29	68.70	67.18	66.15	64.99	64.01	---	---	61.70	60.77
14	73.28	71.52	70.26	68.54	67.15	66.13	64.86	63.94	---	---	61.63	60.67
15	73.21	71.54	70.26	68.59	67.15	66.08	64.80	63.94	---	---	61.59	60.60
16	73.15	71.57	70.27	68.65	67.13	66.05	64.81	63.99	---	---	61.51	60.60
17	73.11	71.59	70.27	68.71	67.14	66.03	64.84	64.01	---	---	61.41	60.62
18	73.09	71.51	70.24	68.70	67.02	66.01	64.87	64.01	---	---	61.33	60.66
19	73.06	71.45	70.25	68.63	66.96	65.97	64.88	63.97	---	---	61.29	60.67
20	73.00	71.41	70.20	68.50	66.97	65.93	64.86	63.94	---	---	61.23	60.65
21	72.89	71.38	70.05	68.44	67.02	65.86	64.81	63.90	---	---	61.17	60.58
22	72.82	71.30	69.95	68.42	67.05	65.81	64.78	---	---	---	61.14	60.47
23	72.78	71.25	69.80	68.30	66.99	65.73	64.80	---	---	---	61.13	60.39
24	72.74	71.18	69.71	68.22	66.86	65.71	64.80	---	---	---	61.17	60.30
25	72.68	71.18	69.69	68.34	66.78	65.71	64.75	---	---	---	61.20	60.18
26	72.60	71.14	69.64	68.37	66.65	65.58	64.70	---	---	---	61.19	60.15
27	72.50	71.10	69.59	68.34	66.63	65.55	64.64	---	---	---	61.18	60.15
28	72.40	71.06	69.53	68.24	66.62	65.60	64.56	---	---	---	61.12	60.15
29	72.30	70.98	69.43	68.14	66.64	65.62	64.49	---	---	---	61.13	60.17
30	72.23	70.92	69.44	68.01	---	65.57	64.38	---	---	---	61.16	60.17
31	72.12	---	69.46	67.86	---	65.47	---	---	---	---	61.15	---
MEAN	---	71.47	70.21	68.60	67.14	66.04	64.94	---	---	---	---	60.68
MAX	---	71.96	70.87	69.38	67.81	66.68	65.38	---	---	---	---	61.18
MIN	---	70.92	69.43	67.86	66.62	65.47	64.38	---	---	---	---	60.15



GROUND-WATER LEVELS

467

Horry County

335115079033500. Local number, HO-307.

LOCATION.--Lat 33°50'58'', long 79°03'27'', Hydrologic Unit 03040206, 0.75 mi northeast from intersection of State Highways 701 and 501, at Collins Park in Conway.

Owner: City of Conway.

AQUIFER.--Pee Dee and Black Creek Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 438 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

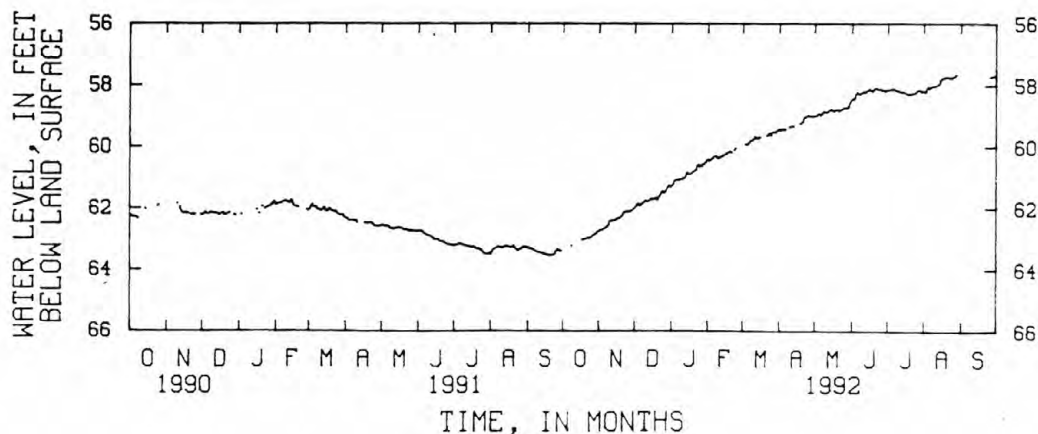
REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.

PERIOD OF RECORD.--May 1974 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 63.56 ft below land-surface datum, Sept. 19, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	62.74	61.97	61.28	60.41	---	59.44	59.00	58.44	58.14	58.20	---
2	---	62.71	61.94	61.22	60.43	---	59.43	58.99	58.42	58.13	58.21	---
3	---	62.71	61.86	61.10	60.42	59.91	59.44	58.95	58.42	58.12	58.17	---
4	---	62.69	61.85	61.07	60.38	59.90	59.41	58.93	58.28	58.12	58.05	---
5	---	62.68	61.91	61.07	60.35	59.91	59.42	58.92	58.23	58.12	58.06	---
6	---	62.65	61.89	61.06	60.31	59.87	59.43	58.95	58.25	58.11	58.08	---
7	---	62.61	61.85	61.05	60.29	59.80	---	58.93	58.27	58.12	58.05	---
8	63.24	62.60	61.82	61.06	60.29	59.78	---	58.84	58.27	58.16	58.04	---
9	63.23	62.54	61.77	61.05	60.34	59.78	59.35	58.85	58.25	58.17	58.02	---
10	---	62.41	61.74	61.02	60.35	59.74	59.35	58.86	58.20	58.17	58.01	---
11	---	62.40	61.76	61.02	60.33	59.67	59.34	58.86	58.20	58.19	58.00	---
12	---	62.40	61.76	61.02	60.31	59.70	59.33	58.85	58.21	58.20	57.99	---
13	---	62.40	61.74	60.94	60.29	59.70	59.33	58.80	58.19	58.21	57.96	---
14	---	62.39	61.69	60.82	60.27	59.70	---	58.77	58.14	58.22	57.94	---
15	---	62.38	61.69	60.85	---	59.69	---	58.79	58.11	58.22	57.85	---
16	---	62.34	61.70	60.87	60.22	---	---	58.81	58.13	58.24	57.77	---
17	63.02	62.32	61.68	60.88	60.21	---	---	58.82	58.16	58.27	57.75	---
18	63.04	62.32	61.65	60.85	60.17	---	59.25	58.80	58.17	58.28	57.73	---
19	63.02	62.30	61.70	60.82	60.14	---	59.24	58.79	58.13	58.28	57.74	---
20	63.00	62.27	61.71	60.78	60.15	---	59.21	58.79	58.09	58.28	57.73	---
21	62.99	62.20	61.62	60.75	60.17	59.63	59.17	58.80	58.09	58.28	57.72	---
22	62.98	62.14	61.56	60.75	---	59.61	59.02	58.80	58.10	58.27	57.74	---
23	62.97	62.12	61.48	60.60	60.09	59.55	59.03	58.78	58.12	58.27	57.74	---
24	62.97	62.10	61.43	60.57	60.04	59.59	59.01	58.74	58.12	58.25	57.74	---
25	62.95	62.10	61.47	60.64	---	59.60	58.97	58.73	58.12	58.24	57.74	57.73
26	62.93	62.10	61.47	60.61	---	59.51	58.99	58.72	58.14	58.17	57.72	57.72
27	62.88	62.10	61.43	60.61	---	59.50	59.00	58.71	58.15	58.15	57.69	57.71
28	62.85	62.09	61.34	60.55	---	59.52	59.00	58.73	58.16	58.15	57.65	57.69
29	62.85	62.06	61.26	60.54	---	59.52	59.00	58.70	58.17	58.17	---	57.68
30	62.81	62.01	61.26	60.50	---	59.48	59.00	58.56	58.16	58.18	---	57.70
31	62.75	---	61.28	60.42	---	59.43	---	58.48	---	58.19	---	---
MEAN	---	62.36	61.65	60.85	---	---	---	58.81	58.20	58.20	---	---
MAX	---	62.74	61.97	61.28	---	---	---	59.00	58.44	58.28	---	---
MIN	---	62.01	61.26	60.42	---	---	---	58.48	58.09	58.11	---	---



GROUND-WATER LEVELS

JASPER COUNTY

323111080592000. Local number, JAS-144.

LOCATION.--Lat 32°31'11", long 80°59'20", Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Highway 17.

Owner: Ted Roach

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.6 ft above land-surface datum.

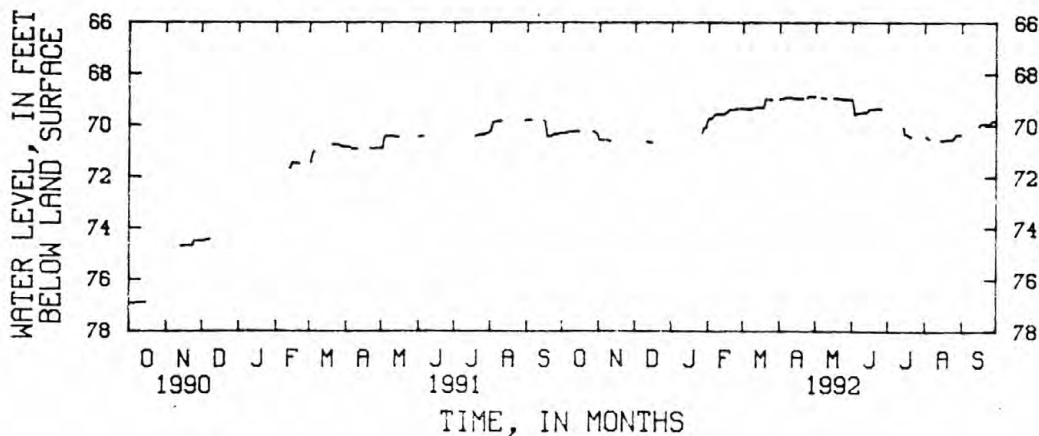
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--February 1975 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 64.78 ft below land-surface datum, Apr. 15, 1975; lowest recorded, 76.94 ft below land-surface datum, Oct. 4, 5, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.29	70.57	---	---	69.74	69.33	68.86	---	68.98	---	---	---
2	70.29	70.57	---	---	69.73	69.33	68.95	---	69.20	---	70.45	---
3	70.29	70.57	---	---	69.73	69.34	68.95	---	69.59	---	70.48	---
4	70.28	70.57	---	---	69.71	69.34	68.94	---	69.55	---	70.53	---
5	70.28	70.57	---	---	69.63	69.34	68.90	---	69.53	---	70.53	---
6	70.25	---	---	---	69.58	69.34	68.90	68.89	69.52	---	---	---
7	70.24	70.57	---	---	69.56	69.33	68.90	68.92	69.50	---	---	---
8	70.24	70.58	---	---	69.55	69.33	68.90	68.92	69.50	---	---	---
9	70.24	70.60	---	---	69.55	69.33	68.90	68.92	69.50	---	---	---
10	70.24	70.60	---	---	69.55	69.32	68.90	68.92	69.50	---	---	---
11	70.23	---	70.64	---	69.55	69.29	68.91	---	69.49	---	---	---
12	70.22	---	70.66	---	69.55	69.29	68.91	---	69.49	---	---	---
13	70.22	---	70.66	---	69.55	69.29	68.91	---	69.47	---	---	---
14	70.22	---	70.66	---	69.54	69.29	68.91	---	69.45	70.09	70.58	---
15	70.22	---	70.66	---	69.52	69.29	68.92	---	69.37	70.35	70.58	---
16	---	---	---	---	69.48	69.29	68.93	---	69.36	70.35	70.58	70.02
17	---	---	---	---	69.46	69.29	68.93	68.93	69.36	70.35	70.58	69.95
18	---	---	---	---	69.40	69.29	68.93	68.93	69.36	70.40	70.57	69.94
19	---	---	---	---	69.37	69.18	68.93	68.93	69.36	70.44	70.57	69.93
20	---	---	---	---	69.37	68.96	68.93	68.94	69.35	70.44	70.56	69.93
21	---	---	---	---	69.37	68.96	---	68.95	69.35	---	70.56	69.93
22	---	---	---	---	69.37	68.97	---	68.95	69.35	---	70.56	69.93
23	---	---	---	---	69.36	68.97	---	68.96	69.35	---	70.55	69.93
24	---	---	---	---	69.35	68.97	68.89	68.96	69.35	---	70.55	69.93
25	---	---	---	---	69.35	68.97	68.86	68.97	69.35	---	70.54	69.93
26	---	---	---	---	69.33	---	68.85	68.97	---	---	70.44	69.86
27	70.23	---	---	70.27	69.33	---	68.85	68.97	---	---	70.36	69.81
28	70.25	---	---	70.09	69.33	---	68.85	68.97	---	---	70.36	69.81
29	70.29	---	---	70.09	69.33	---	68.85	68.98	---	---	70.36	69.81
30	70.31	---	---	70.08	---	---	68.85	68.98	---	---	70.36	69.80
31	70.39	---	---	69.87	---	---	---	68.98	---	---	70.36	---
MEAN	---	---	---	---	69.49	---	---	---	---	---	---	---
MAX	---	---	---	---	69.74	---	---	---	---	---	---	---
MIN	---	---	---	---	69.33	---	---	---	---	---	---	---



GROUND-WATER LEVELS

LEE COUNTY

341405080110100. Local number, LE-23.

LOCATION.--Lat 34°14'05'', long 80°11'01'', Hydrologic Unit 03040202, 395 ft east and 450 ft north of the cemetery near Wayside Church and SC-31-22 near Bishopville.

Owner: Robert W. Merck.

AQUIFER.--Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 350 ft, cased to 350 ft. Screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

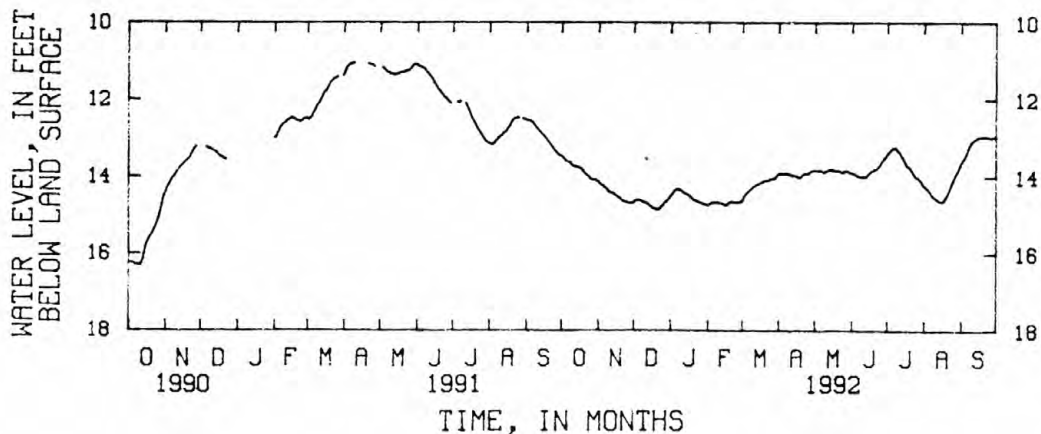
REMARKS.--June 3, 1977, Gamma logged to 350 ft. April 1980, Gamma logged to 338 ft. Pump test data available in District files. Water-level affected by nearby irrigation well.

PERIOD OF RECORD.--June 1980 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 9.32 ft below land-surface datum, Apr. 26, 1983; lowest, 17.37 ft below land-surface datum, June 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.48	14.15	14.67	14.50	14.74	14.61	13.92	13.83	13.89	13.40	14.24	13.63
2	13.51	14.19	14.64	14.46	14.73	14.54	13.91	13.83	13.90	13.36	14.28	13.57
3	13.54	14.21	14.62	14.42	14.71	14.48	13.91	13.83	13.92	13.33	14.30	13.53
4	13.58	14.23	14.62	14.37	14.69	14.44	13.91	13.83	13.94	13.30	14.33	13.48
5	13.61	14.25	14.62	14.35	14.68	14.40	13.91	13.83	13.96	13.26	14.37	13.43
6	13.63	14.28	14.62	14.33	14.68	14.38	13.91	13.83	13.97	13.24	14.41	13.35
7	13.63	14.31	14.63	14.32	14.68	14.35	13.91	13.85	13.99	13.24	14.46	13.26
8	13.64	14.34	14.65	14.33	14.68	14.33	13.91	13.87	13.99	13.24	14.51	13.18
9	13.68	14.38	14.67	14.35	14.68	14.30	13.92	13.87	13.99	13.27	14.53	13.12
10	13.72	14.41	14.69	14.37	14.69	14.26	13.93	13.85	13.99	13.31	14.55	13.08
11	13.74	14.42	14.70	14.39	14.69	14.23	13.94	13.83	13.99	13.35	14.57	13.05
12	13.74	14.42	14.70	14.42	14.70	14.22	13.96	13.81	13.99	13.40	14.59	13.03
13	13.75	14.44	14.73	14.43	14.71	14.20	13.96	13.80	13.99	13.45	14.62	13.01
14	13.76	14.46	14.75	14.45	14.73	14.18	13.96	13.80	13.95	13.50	14.65	12.99
15	13.76	14.48	14.77	14.46	14.74	14.17	13.97	13.80	13.91	13.56	14.65	12.97
16	13.78	14.51	14.80	14.49	14.74	14.16	13.98	13.81	13.88	13.62	14.65	12.97
17	13.80	14.54	14.82	14.52	14.72	14.14	14.00	13.82	13.85	13.69	14.62	12.96
18	13.83	14.56	14.84	14.55	14.69	14.13	14.01	13.82	13.84	13.73	14.58	12.96
19	13.86	14.58	14.85	14.58	14.66	14.11	14.00	13.82	13.82	13.75	14.53	12.95
20	13.90	14.60	14.86	14.60	14.66	14.10	13.98	13.82	13.80	13.78	14.48	12.95
21	13.93	14.64	14.86	14.62	14.66	14.09	13.94	13.84	13.79	13.83	14.42	12.95
22	13.96	14.66	14.86	14.63	14.66	14.09	13.92	13.85	13.77	13.87	14.35	12.95
23	13.99	14.66	14.83	14.65	14.67	14.08	13.91	13.87	13.75	13.92	14.26	12.95
24	14.02	14.67	14.79	14.67	14.67	14.07	13.91	13.87	13.71	13.97	14.18	12.96
25	14.05	14.68	14.75	14.68	14.67	14.06	13.91	13.86	13.66	14.00	14.10	12.97
26	14.08	14.69	14.72	14.69	14.67	14.05	13.89	13.84	13.61	14.02	14.03	12.98
27	14.09	14.70	14.68	14.70	14.67	14.04	13.86	13.83	13.56	14.04	13.96	12.98
28	14.09	14.70	14.65	14.71	14.66	14.04	13.84	13.83	13.52	14.07	13.90	12.96
29	14.09	14.70	14.62	14.72	14.65	14.02	13.83	13.85	13.48	14.11	13.84	12.95
30	14.10	14.70	14.58	14.73	---	13.97	13.83	13.87	13.44	14.16	13.77	12.96
31	14.12	---	14.54	14.74	---	13.93	---	13.89	---	14.21	13.70	---
MEAN	13.82	14.49	14.71	14.52	14.69	14.20	13.92	13.84	13.83	13.64	14.34	13.10
MAX	14.12	14.70	14.86	14.74	14.74	14.61	14.01	13.89	13.99	14.21	14.65	13.63
MIN	13.48	14.15	14.54	14.32	14.65	13.93	13.83	13.80	13.44	13.24	13.70	12.95



GROUND-WATER LEVELS

MARION COUNTY

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: U.S. Geological Survey; on property owned by 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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.15 ft above land-surface datum.

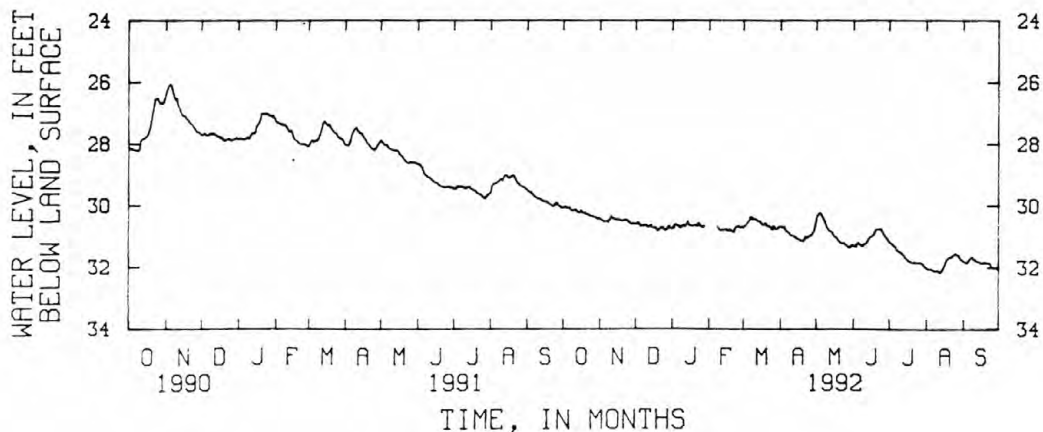
REMARKS.--Water-quality data available in District files.

PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 32.16 ft below land-surface datum, Aug. 12, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.08	30.44	30.60	30.75	---	30.70	30.68	30.47	31.30	31.18	32.02	31.81
2	30.07	30.46	30.60	30.72	---	30.66	30.68	30.33	31.31	31.21	32.06	31.83
3	30.06	30.50	30.56	30.61	---	30.62	30.70	30.24	31.33	31.24	32.06	31.85
4	30.09	30.51	30.60	30.60	---	30.57	30.69	30.22	31.23	31.27	32.06	31.86
5	30.09	30.52	30.68	30.63	---	30.52	30.77	30.26	31.21	31.31	32.06	31.81
6	30.08	30.52	30.66	30.65	---	30.46	30.83	30.35	31.24	31.35	32.10	31.73
7	30.14	30.52	30.65	30.69	---	30.36	30.85	30.42	31.28	31.42	32.11	31.70
8	30.17	30.54	30.66	30.71	30.67	30.38	30.89	30.50	31.30	31.47	32.13	31.66
9	30.18	30.48	30.63	30.66	30.76	30.44	30.94	30.62	31.30	31.48	32.13	31.71
10	30.16	30.35	30.64	30.62	30.80	30.43	30.97	30.71	31.24	31.51	32.13	31.74
11	30.14	30.38	30.69	30.66	30.80	30.43	30.98	30.79	31.24	31.54	32.14	31.77
12	30.17	30.42	30.69	30.67	30.79	30.47	30.99	30.83	31.21	31.58	32.16	31.80
13	30.22	30.43	30.67	30.60	30.79	30.49	31.03	30.83	31.14	31.61	32.15	31.82
14	30.25	30.45	30.65	30.51	30.79	30.51	31.06	30.87	31.07	31.67	32.10	31.83
15	30.23	30.46	30.70	30.60	30.78	30.52	31.08	30.95	31.01	31.72	32.01	31.85
16	30.18	30.45	30.72	30.64	30.79	30.59	31.11	30.99	30.99	31.76	31.96	31.85
17	30.23	30.47	30.73	30.64	30.82	30.61	31.12	31.02	30.96	31.80	31.83	31.85
18	30.26	30.49	30.72	30.65	30.79	30.61	31.13	31.05	30.91	31.81	31.75	31.85
19	30.25	30.50	30.80	30.64	30.78	30.57	31.15	31.11	30.84	31.83	31.70	31.84
20	30.27	30.50	30.82	30.62	30.82	30.61	31.16	31.16	30.77	31.85	31.67	31.85
21	30.30	30.49	30.77	30.63	30.85	30.66	31.11	31.20	30.76	31.85	31.67	31.86
22	30.31	30.47	30.74	30.66	30.85	30.66	31.01	31.22	30.75	31.84	31.66	31.87
23	30.33	30.48	30.71	30.57	30.73	30.66	31.04	31.22	30.75	31.85	31.63	31.88
24	30.35	30.48	30.70	30.60	30.68	30.75	31.02	31.22	30.75	31.86	31.58	31.96
25	30.36	30.53	30.77	30.68	30.67	30.78	30.97	31.26	30.81	31.86	31.56	32.01
26	30.37	30.56	30.80	30.69	30.65	30.67	30.97	31.29	30.89	31.86	31.57	32.02
27	30.38	30.59	30.78	30.71	30.70	30.70	30.95	31.33	30.95	31.86	31.59	32.02
28	30.38	30.59	30.73	30.66	30.70	30.75	30.89	31.37	31.01	31.88	31.62	32.02
29	30.44	30.59	30.67	---	30.68	30.75	30.81	31.37	31.07	31.91	31.70	32.03
30	30.43	30.59	30.71	---	---	30.72	30.64	31.30	31.13	31.96	31.76	32.08
31	30.42	---	30.75	---	---	30.68	---	31.28	---	32.00	31.78	---
MEAN	30.24	30.49	30.70	---	---	30.59	30.94	30.90	31.06	31.66	31.89	31.86
MAX	30.44	30.59	30.82	---	---	30.78	31.16	31.37	31.33	32.00	32.16	32.08
MIN	30.06	30.35	30.56	---	---	30.36	30.64	30.22	30.75	31.18	31.56	31.66



GROUND-WATER LEVELS

471

MARLBORO COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

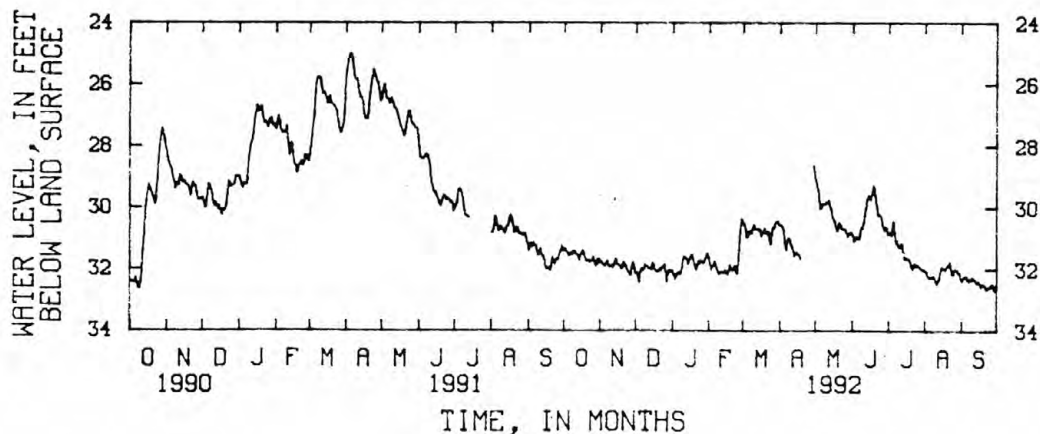
REMARKS.--1957 water-quality data on file in District office.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.40	31.81	32.15	32.07	31.61	30.47	30.57	29.06	30.90	30.86	32.08	32.38
2	31.34	31.77	32.13	32.22	31.85	30.51	30.56	29.21	31.10	30.81	32.08	32.33
3	31.42	31.83	32.29	32.32	32.02	30.69	30.62	29.42	31.04	30.90	32.25	32.25
4	31.47	31.89	32.44	32.26	31.93	30.96	30.72	29.77	30.94	30.73	32.28	32.23
5	31.57	31.91	32.10	32.15	31.88	30.93	31.19	30.04	30.98	30.45	32.26	32.23
6	31.56	31.84	31.99	32.12	31.76	30.77	31.37	29.98	31.02	30.81	32.28	32.36
7	31.47	31.75	32.04	32.17	31.91	30.81	31.12	29.89	30.93	31.16	32.26	32.39
8	31.52	31.89	32.01	32.14	32.01	30.83	30.99	29.87	30.65	31.08	32.23	32.32
9	31.42	31.94	31.87	31.96	32.14	30.67	31.03	29.88	30.66	31.27	32.28	32.36
10	31.42	31.92	31.90	31.61	32.16	30.57	31.19	29.82	30.49	31.30	32.43	32.27
11	31.49	31.89	31.92	31.63	32.12	30.69	31.27	29.83	30.26	31.23	32.48	32.31
12	31.52	31.95	31.99	31.60	32.09	30.69	31.43	29.77	29.99	31.17	32.41	32.34
13	31.65	31.87	32.01	31.69	32.11	30.69	31.57	29.90	29.73	31.41	32.34	32.43
14	31.71	31.69	32.02	31.83	32.11	30.73	31.47	30.03	29.59	31.68	32.08	32.46
15	31.57	31.71	31.81	31.75	32.06	30.71	31.46	30.30	29.64	31.64	31.93	32.41
16	31.48	31.87	31.85	31.62	32.13	30.92	31.54	30.39	29.72	31.65	31.95	32.47
17	31.40	31.88	32.01	31.53	32.18	30.85	31.54	30.44	29.55	31.68	31.98	32.58
18	31.48	31.91	32.08	31.56	32.05	30.81	31.66	30.65	29.29	31.68	32.02	32.49
19	31.62	32.01	32.10	31.72	31.87	30.67	---	30.76	29.36	31.77	31.95	32.52
20	31.76	31.96	32.08	31.94	32.03	30.83	---	30.68	29.66	31.95	31.88	32.52
21	31.74	31.79	31.99	32.03	32.05	30.83	---	30.50	29.92	32.00	31.84	32.63
22	31.72	31.88	32.05	31.92	32.01	30.78	---	30.55	30.26	31.93	31.77	32.66
23	31.79	31.89	31.96	31.75	31.90	31.03	---	30.67	30.22	31.82	31.99	32.60
24	31.76	32.03	31.94	31.82	32.05	31.18	---	30.70	30.28	31.90	32.17	32.62
25	31.74	32.12	31.86	31.74	32.16	30.90	---	30.70	30.35	31.86	32.16	32.54
26	31.63	32.19	32.09	31.76	31.76	30.63	---	30.71	30.59	31.91	32.02	32.49
27	31.79	32.21	32.42	31.80	31.17	30.65	---	30.82	30.73	31.92	32.02	32.50
28	31.91	31.93	32.21	31.79	30.56	30.50	---	30.93	30.63	31.98	32.02	32.70
29	31.87	31.79	32.03	31.66	30.36	30.45	28.64	30.89	30.66	32.00	32.12	32.65
30	31.70	31.94	32.07	31.52	---	30.44	28.81	30.81	30.86	32.04	32.12	32.62
31	31.69	---	32.10	31.48	---	30.53	---	30.81	---	32.02	32.33	---
MEAN	31.60	31.90	32.05	31.84	31.86	30.73	---	30.25	30.33	31.50	32.13	32.46
MAX	31.91	32.21	32.44	32.32	32.18	31.18	---	30.93	31.10	32.04	32.48	32.70
MIN	31.34	31.69	31.81	31.48	30.36	30.44	---	29.06	29.29	30.45	31.77	32.23



GROUND-WATER LEVELS

MARLBORO COUNTY

343715079411500. Local number, MLB-112.

LOCATION.--Lat 34°37'15", long 79°41'15", Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville.

Owner: Town of Bennettsville.

AQUIFER.--Middenforf 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 National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

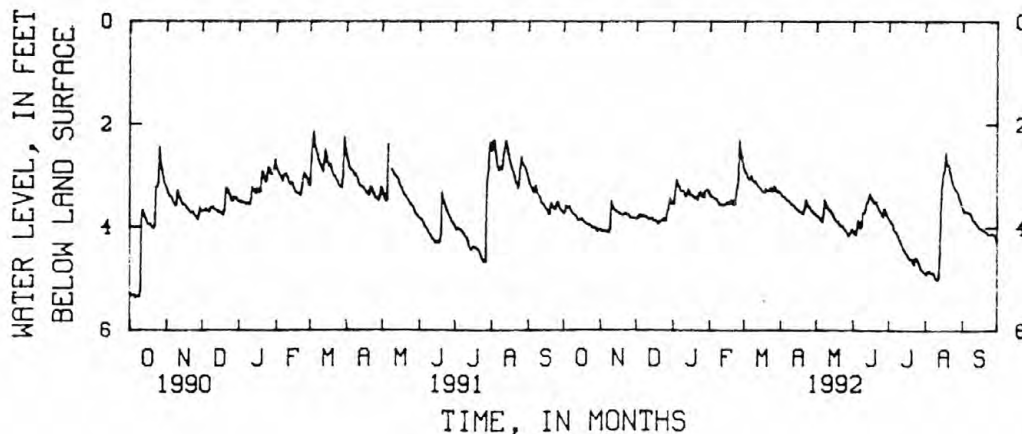
REMARKS.--1971 Gamma and Caliper logged to 297 ft. Also known as MLB-134.

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 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.74	4.06	3.83	3.54	3.36	2.88	3.36	3.78	4.08	3.84	4.91	3.65
2	3.73	4.08	3.83	3.53	3.40	2.93	3.40	3.79	4.12	3.87	4.91	3.70
3	3.59	4.09	3.78	3.27	3.41	2.97	3.42	3.81	4.15	3.91	4.86	3.70
4	3.63	4.08	3.76	3.08	3.42	3.04	3.42	3.85	4.03	3.94	4.85	3.70
5	3.61	4.09	3.80	3.16	3.44	3.08	3.46	3.87	3.87	4.04	4.89	3.71
6	3.60	4.09	3.78	3.20	3.45	3.07	3.48	3.90	3.94	4.08	4.89	3.71
7	3.67	4.10	3.78	3.26	3.46	3.01	3.49	3.74	4.01	4.10	4.89	3.73
8	3.71	4.11	3.80	3.30	3.51	3.08	3.50	3.47	3.98	4.15	4.92	3.76
9	3.75	4.03	3.79	3.29	3.56	3.13	3.54	3.53	3.71	4.19	4.99	3.82
10	3.77	3.49	3.82	3.31	3.57	3.11	3.56	3.60	3.72	4.26	5.02	3.87
11	3.77	3.59	3.84	3.38	3.56	3.14	3.57	3.64	3.66	4.31	5.02	3.88
12	3.83	3.64	3.84	3.40	3.58	3.18	3.59	3.67	3.53	4.36	4.99	3.92
13	3.88	3.66	3.83	3.36	3.56	3.21	3.63	3.69	3.51	4.42	4.57	3.95
14	3.87	3.69	3.83	3.27	3.57	3.24	3.64	3.73	3.41	4.46	3.61	3.98
15	3.85	3.70	3.87	3.34	3.54	3.26	3.67	3.79	3.35	4.50	3.18	4.01
16	3.85	3.71	3.88	3.37	3.52	3.31	3.69	3.82	3.42	4.53	2.94	4.03
17	3.87	3.74	3.87	3.38	3.55	3.31	3.70	3.86	3.47	4.57	2.89	4.03
18	3.91	3.74	3.89	3.41	3.50	3.33	3.72	3.89	3.52	4.61	2.57	4.06
19	3.91	3.76	3.93	3.43	3.48	3.26	3.74	3.89	3.52	4.62	2.79	4.07
20	3.94	3.76	3.92	3.42	3.54	3.29	3.74	3.94	3.51	4.62	2.78	4.09
21	3.95	3.74	3.88	3.45	3.56	3.30	3.63	3.97	3.58	4.68	2.86	4.10
22	3.96	3.73	3.88	3.46	3.56	3.29	3.47	3.98	3.64	4.72	2.97	4.12
23	3.97	3.75	3.86	3.33	3.37	3.24	3.55	3.99	3.68	4.61	3.08	4.14
24	3.99	3.76	3.83	3.32	3.23	3.30	3.58	4.02	3.71	4.60	3.17	4.14
25	4.02	3.79	3.87	3.37	3.07	3.30	3.61	4.06	3.78	4.64	3.23	4.14
26	4.01	3.82	3.87	3.40	2.32	3.21	3.66	4.09	3.80	4.68	3.28	4.13
27	4.01	3.82	3.68	3.42	2.52	3.23	3.69	4.14	3.64	4.75	3.31	4.14
28	4.04	3.82	3.66	3.29	2.65	3.29	3.71	4.17	3.70	4.82	3.34	4.16
29	4.09	3.83	3.44	3.28	2.78	3.32	3.74	4.13	3.76	4.84	3.44	4.22
30	4.05	3.83	3.48	3.27	---	3.31	3.76	4.08	3.80	4.85	3.50	4.29
31	4.04	---	3.53	3.28	---	3.33	---	4.04	---	4.88	3.56	---
MEAN	3.86	3.84	3.80	3.34	3.35	3.19	3.59	3.87	3.72	4.43	3.88	3.96
MAX	4.09	4.11	3.93	3.54	3.58	3.33	3.76	4.17	4.15	4.88	5.02	4.29
MIN	3.59	3.49	3.44	3.08	2.32	2.88	3.36	3.47	3.35	3.84	2.57	3.65



GROUND-WATER LEVELS

ORANGEBURG COUNTY

332649081072500. Local number, ORG-95.

LOCATION.--Lat 33°26'49'', long 81°07'25'', Hydrologic Unit 03050204, 40 ft east on First Street (SC-38-628) and 70 ft north of Saxton Street (SC-38-213) in Norway.

Owner: Town of Norway.

AQUIFER.--Santee Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 250 ft, screened intervals 173-193, 200-220, 228-238 ft, gravel finish.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

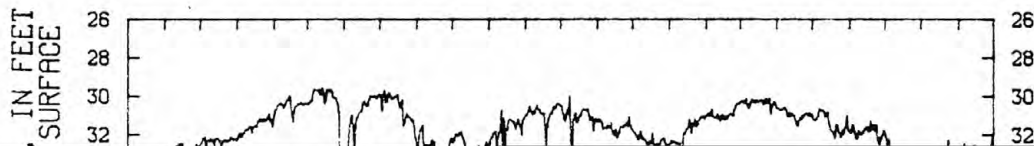
REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft. Water-level affected by nearby pumpage.

PERIOD OF RECORD.--July 1981 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 29.58 ft below land-surface datum, Mar. 14, 1991; lowest, 43.84 ft below land-surface datum, Sept. 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.48	31.24	31.74	32.53	31.04	30.28	30.59	30.98	31.87	31.83	34.09	32.93
2	30.50	31.34	31.84	32.44	30.95	30.26	30.63	31.18	31.90	31.92	35.33	32.92
3	30.88	31.20	31.92	32.31	30.87	30.22	30.65	31.26	31.72	32.83	34.75	32.92
4	31.21	31.28	32.03	32.39	31.02	30.35	30.70	31.21	31.48	34.64	37.72	33.04
5	31.30	31.38	32.21	32.36	30.87	30.34	30.70	31.18	31.74	32.23	40.81	34.04
6	31.06	31.68	32.25	32.37	30.69	30.14	30.68	31.05	32.12	33.92	39.23	32.43
7	30.72	31.65	32.10	32.48	31.05	30.47	30.60	30.65	32.22	32.67	36.19	34.46
8	30.95	31.65	31.85	32.43	31.08	30.61	30.59	30.73	32.15	34.41	37.82	34.06
9	30.01	31.68	32.02	32.46	31.10	30.53	30.72	30.74	31.79	33.48	36.47	32.72
10	32.42	31.54	32.25	32.45	31.13	30.28	31.03	30.73	31.95	33.53	35.62	33.19
11	33.78	31.63	32.25	33.21	30.95	30.16	31.03	30.84	31.98	33.77	35.34	32.82
12	31.30	31.64	32.27	34.00	31.10	30.30	30.87	31.06	31.93	33.69	34.88	32.85
13	31.02	31.41	32.49	31.97	31.27	30.23	31.04	30.95	31.83	33.98	34.62	32.73
14	30.90	31.94	32.56	31.94	31.05	30.31	30.94	30.84	31.64	34.08	34.01	32.55
15	31.37	31.82	32.37	31.81	30.98	30.21	30.99	31.40	31.68	35.36	33.65	32.54
16	31.28	32.04	32.40	31.70	31.17	30.22	31.00	31.70	31.61	34.60	33.40	32.64
17	31.05	31.75	32.47	31.61	31.18	30.27	31.24	31.79	31.82	34.13	33.42	33.00
18	31.00	32.15	31.96	31.21	31.04	30.22	31.52	31.86	31.80	33.77	33.20	32.88
19	30.84	32.01	32.52	31.46	31.15	30.16	31.54	32.00	31.28	33.09	32.97	32.99
20	30.73	31.90	32.89	31.89	31.01	30.25	31.30	32.18	31.77	33.05	32.72	33.16
21	30.67	31.61	32.56	31.39	30.94	30.41	31.14	31.46	31.69	32.94	33.68	33.29
22	30.72	31.60	32.47	31.52	30.92	30.22	31.18	31.52	31.49	33.13	33.23	33.00
23	30.68	31.63	33.29	31.22	30.94	30.12	31.01	31.86	31.83	32.80	32.79	33.24
24	30.68	31.52	32.60	31.53	31.00	30.34	31.02	31.93	31.51	32.68	32.27	33.34
25	30.92	31.53	32.30	31.43	30.69	30.20	30.94	32.14	32.32	32.74	32.73	32.85
26	31.23	31.39	32.22	31.26	30.54	30.12	30.89	31.78	32.48	33.05	32.74	32.78
27	31.18	31.56	32.23	31.18	30.40	30.92	30.90	31.98	32.50	33.42	32.65	32.70
28	31.10	31.09	32.18	31.02	30.36	30.59	31.01	31.71	32.21	33.47	33.57	32.56
29	31.77	31.47	32.44	31.06	30.36	30.45	30.88	31.64	32.00	33.55	33.22	32.27
30	31.41	31.68	32.65	31.04	---	30.29	31.04	31.04	31.79	34.10	33.20	31.99
31	31.19	---	32.64	31.16	---	30.36	---	31.80	---	34.08	32.98	---
MEAN	31.11	31.60	32.32	31.90	30.93	30.32	30.95	31.39	31.87	33.45	34.49	32.96
MAX	33.78	32.15	33.29	34.00	31.27	30.92	31.54	32.18	32.50	35.36	40.81	34.46
MIN	30.01	31.09	31.74	31.02	30.36	30.12	30.59	30.65	31.28	31.83	32.27	31.99



GROUND-WATER LEVELS

RICHLAND COUNTY

334944080380100. Local number, RIC-63.

LOCATION.--Lat 33°49'44'', long 80°37'59'', Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of State Highway 601, near Wateree.

Owner: Hercules, Inc.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 25 in, depth 597 ft, 20 in casing from LSD to 420 ft, 10 in casing from 370 to 547 ft, screened intervals 417-420, 425-445, 456-476, 478-498, 500-520, 522-542 ft, open hole from 547 to 597.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.

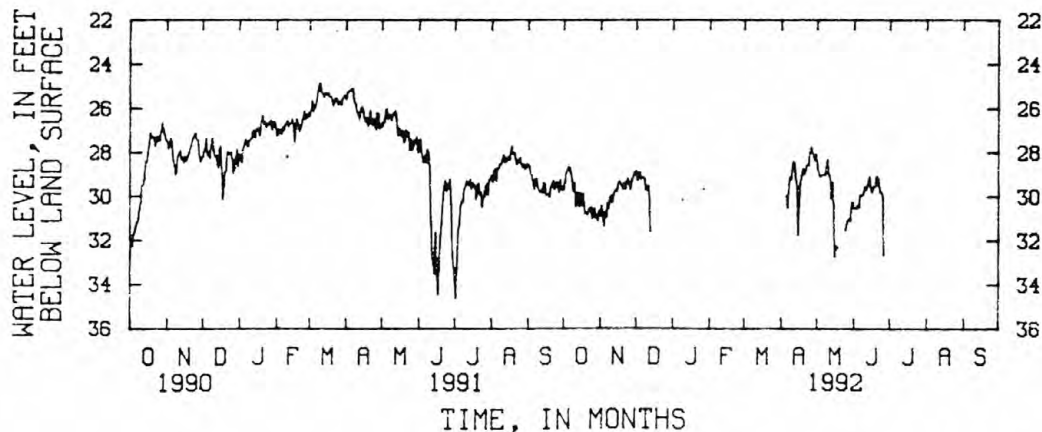
REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged July 23, 1980, depth 371 ft. Water-level affected by nearby irrigational pumpage.

PERIOD OF RECORD.--February 1981 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 20.32 ft below land-surface datum, Apr. 15, 1983; lowest, 36.84 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.70	30.90	28.83	---	---	---	---	28.48	30.56	---	---	---
2	29.39	30.44	29.24	---	---	---	---	28.80	30.52	---	---	---
3	28.92	30.77	28.95	---	---	---	---	29.05	30.55	---	---	---
4	28.81	31.36	28.90	---	---	---	---	29.07	30.40	---	---	---
5	28.65	30.73	29.18	---	---	---	29.95	29.05	30.47	---	---	---
6	28.69	30.95	29.12	---	---	---	30.51	29.01	29.93	---	---	---
7	28.93	30.29	29.13	---	---	---	29.56	29.00	29.93	---	---	---
8	29.24	30.54	29.20	---	---	---	29.12	28.99	29.92	---	---	---
9	29.78	30.04	29.70	30.13	---	---	29.18	28.69	29.83	---	---	---
10	29.40	29.95	29.71	---	---	---	28.74	28.33	29.55	---	---	---
11	30.48	30.26	29.53	---	---	---	28.42	28.97	29.68	---	---	---
12	29.96	29.97	29.83	---	---	---	28.47	29.16	29.53	---	---	---
13	29.84	29.74	31.59	---	---	---	29.03	30.11	29.30	---	---	---
14	30.47	29.69	---	---	---	---	29.58	29.33	29.09	---	---	---
15	29.87	29.76	---	---	---	---	31.75	30.40	29.59	---	---	---
16	30.42	29.41	---	---	---	---	30.39	32.74	29.80	---	---	---
17	29.89	29.31	---	---	---	---	29.39	32.26	29.65	---	---	---
18	30.33	29.41	---	---	---	---	29.02	32.31	29.49	---	---	---
19	30.80	29.52	---	---	---	---	28.73	---	29.50	---	---	---
20	30.78	29.67	---	---	---	---	28.96	---	29.07	---	---	---
21	30.86	29.38	---	---	---	---	28.83	---	29.17	---	---	---
22	30.68	29.64	---	---	---	---	28.59	---	29.53	---	---	---
23	30.55	29.31	---	---	---	---	28.52	---	29.83	---	---	---
24	30.52	29.17	---	---	---	---	28.54	---	29.83	---	---	---
25	31.03	29.39	---	---	---	---	27.97	31.53	30.01	---	---	---
26	30.72	29.65	---	---	---	---	27.75	31.24	32.67	---	---	---
27	30.59	29.38	---	29.65	---	---	28.02	31.07	---	---	---	---
28	30.99	29.13	---	---	---	---	28.10	31.02	---	---	---	---
29	31.08	28.98	---	---	---	---	28.33	31.09	---	---	---	---
30	31.13	28.87	---	---	---	---	28.08	30.25	---	---	---	---
31	30.68	---	---	---	---	---	---	30.26	---	---	---	---
MEAN	30.10	29.85	---	---	---	---	---	---	---	---	---	---
MAX	31.13	31.36	---	---	---	---	---	---	---	---	---	---
MIN	28.65	28.87	---	---	---	---	---	---	---	---	---	---



GROUND-WATER LEVELS

RICHLAND COUNTY

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.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.

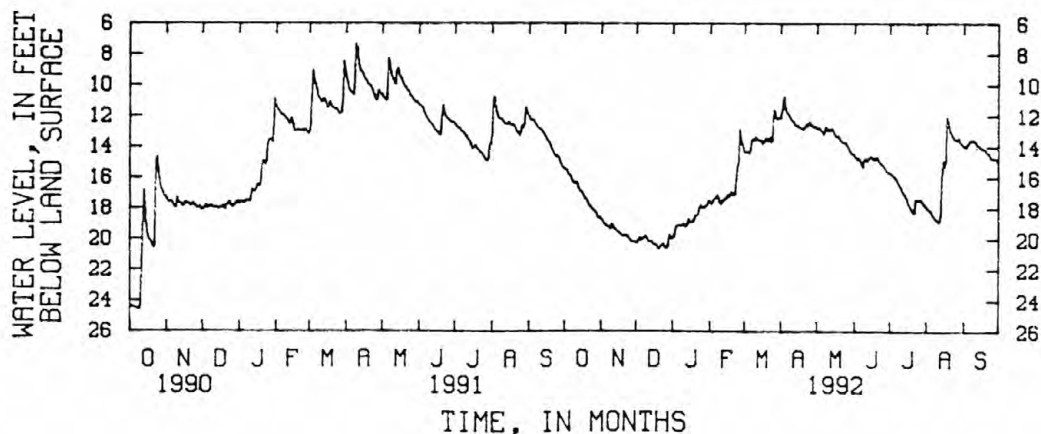
REMARKS.--Water-level affected by nearby pumping.

PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level recorded, 4.11 ft below land-surface datum, Mar. 1, 1987; lowest, 44.83 ft below land-surface datum, Dec. 30, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.47	18.73	20.24	19.95	17.55	14.32	12.14	12.80	14.60	15.69	17.94	13.95
2	15.50	18.82	20.24	19.80	17.66	14.33	11.67	12.83	14.71	15.75	18.02	14.00
3	15.57	18.97	20.06	19.41	17.59	14.31	10.93	12.79	14.82	15.82	18.10	14.01
4	15.74	19.05	19.93	19.15	17.45	14.33	10.76	12.89	14.74	15.90	18.15	13.85
5	15.82	19.14	20.07	19.14	17.35	14.40	11.42	13.00	14.75	15.97	18.28	13.81
6	15.93	19.19	20.02	19.08	17.24	14.17	11.76	13.17	15.00	16.05	18.44	13.63
7	16.15	19.22	19.96	19.09	17.17	13.58	11.83	13.12	15.19	16.22	18.58	13.58
8	16.29	19.31	19.88	19.11	17.26	13.52	11.94	12.75	15.28	16.34	18.66	13.58
9	16.37	19.36	19.82	19.07	17.59	13.57	12.13	12.80	14.86	16.46	18.72	13.59
10	16.37	19.08	19.94	19.04	17.66	13.39	12.27	12.90	14.76	16.62	18.81	13.61
11	16.36	19.16	20.11	19.14	17.58	13.44	12.33	12.93	14.86	16.78	18.86	13.69
12	16.48	19.33	20.18	19.19	17.49	13.52	12.41	12.90	14.87	16.94	18.84	13.85
13	16.73	19.41	20.18	19.04	17.41	13.53	12.60	12.83	14.76	17.07	18.44	13.93
14	16.90	19.47	20.19	18.72	17.35	13.60	12.65	12.96	14.64	17.20	15.85	13.97
15	16.92	19.55	20.31	18.86	17.26	13.59	12.63	13.12	14.61	17.34	14.92	14.05
16	17.02	19.57	20.36	18.90	17.12	13.77	12.71	13.28	14.70	17.55	15.25	14.10
17	17.20	19.66	20.40	18.88	17.21	13.71	12.75	13.34	14.80	17.74	14.91	14.12
18	17.36	19.74	20.40	18.85	17.05	13.64	12.81	13.35	14.80	17.89	12.07	14.16
19	17.40	19.79	20.58	18.67	16.93	13.42	12.86	13.42	14.68	18.02	12.34	14.20
20	17.54	19.82	20.66	18.45	17.09	13.50	12.87	13.55	14.67	18.15	12.69	14.31
21	17.71	19.82	20.56	18.43	17.12	13.58	12.69	13.64	14.82	18.28	13.03	14.42
22	17.83	19.79	20.47	18.40	17.06	13.49	12.54	13.72	15.00	18.26	13.20	14.45
23	17.93	19.83	20.38	17.98	16.07	13.38	12.64	13.72	15.10	17.44	13.33	14.58
24	18.04	19.88	20.35	17.79	15.22	13.65	12.53	13.72	15.10	17.43	13.45	14.76
25	18.11	20.01	20.51	17.94	14.90	13.57	12.40	13.83	15.20	17.46	13.52	14.76
26	18.20	20.11	20.59	17.92	12.89	11.61	12.55	13.98	15.30	17.45	13.56	14.78
27	18.27	20.19	20.59	17.95	13.52	11.69	12.64	14.12	15.46	17.45	13.55	14.78
28	18.36	20.21	20.48	17.85	13.81	12.12	12.67	14.29	15.59	17.52	13.46	14.78
29	18.59	20.22	19.74	17.79	14.01	12.20	12.75	14.38	15.63	17.64	13.66	14.87
30	18.65	20.23	19.84	17.65	---	12.16	12.72	14.43	15.68	17.73	13.79	15.01
31	18.63	---	19.97	17.50	---	12.10	---	14.48	---	17.81	13.87	---
MEAN	17.08	19.56	20.23	18.67	16.61	13.39	12.32	13.39	14.97	17.10	15.69	14.17
MAX	18.65	20.23	20.66	19.95	17.66	14.40	12.87	14.48	15.68	18.28	18.86	15.01
MIN	15.47	18.73	19.74	17.50	12.89	11.61	10.76	12.75	14.60	15.69	12.07	13.58



GROUND-WATER LEVELS

SUMTER COUNTY

335602080204800. Local number, SU-9.

LOCATION.--Lat 33°56'02'', long 80°20'48'', Hydrologic Unit 03040205, at Sumter municipal well field, Church Street Plant, City Well No. 1A.

Owner: City of Sumter.

AQUIFER.--Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 260 ft, 8 in from 211 to 625 ft, depth 625 ft, cased to 625 ft, screened intervals 508-528, 550-570, 605-625 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 176 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pad, 0.42 ft above land-surface datum.

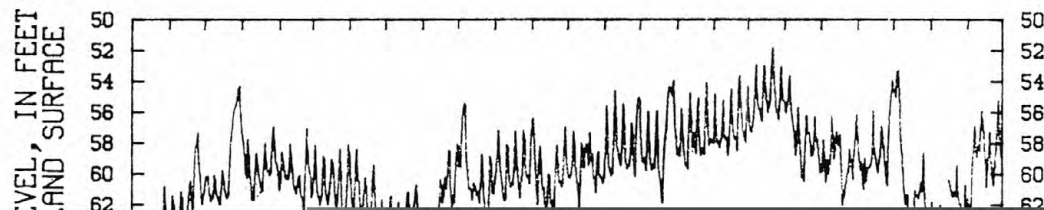
REMARKS.--Original screened interval 415-435 ft cement plugged Jan. 21, 1953. Geophysical logged Sept. 1979 to 364 ft. Water-level affected by pumping of nearby wells. Geophysical logs and water-quality data available in District files.

PERIOD OF RECORD.--Monthly values, 1946 to 1969. Daily values, June 1970 to September 1992 (discontinued). From October 1970 to September 1981, published as SU-69.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 40.57 ft below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.65	60.23	55.22	58.74	57.99	54.37	55.40	59.48	57.54	54.45	65.40	61.66
2	60.23	58.62	58.09	58.65	54.83	56.04	56.06	59.84	58.96	54.65	61.82	62.40
3	60.28	55.59	59.22	58.86	56.82	57.17	55.54	57.81	59.75	55.01	63.82	62.66
4	60.08	57.17	59.24	57.75	57.88	57.28	54.96	58.84	59.26	53.38	63.80	63.10
5	59.44	59.55	58.96	55.75	58.16	56.86	53.61	60.54	60.65	53.29	64.23	59.45
6	57.27	59.81	59.79	57.64	58.31	56.40	55.41	59.05	61.03	54.52	63.66	58.48
7	58.20	60.09	57.91	58.57	57.91	54.30	56.22	59.98	58.96	57.73	63.73	56.90
8	59.66	59.95	55.96	59.44	57.50	52.94	56.88	59.32	60.53	58.57	63.30	58.25
9	60.56	57.54	58.07	59.40	55.23	54.97	58.04	58.82	59.93	59.74	62.01	58.92
10	61.09	54.64	59.41	59.65	57.46	55.77	58.78	56.20	59.60	61.06	62.88	58.19
11	62.41	56.43	59.72	57.04	57.75	55.80	58.04	57.48	59.57	61.96	64.59	58.50
12	60.53	58.27	59.41	54.75	57.70	56.31	55.68	59.03	59.39	61.85	65.60	57.21
13	58.03	58.77	59.62	56.46	58.82	56.57	57.13	58.48	58.98	61.39	63.28	55.89
14	58.31	59.26	58.28	58.27	58.15	54.21	58.65	57.28	55.90	64.41	---	56.53
15	59.61	59.44	55.94	57.35	56.17	52.99	60.21	57.58	58.31	65.63	---	57.28
16	58.47	58.35	57.86	58.07	54.52	54.48	60.21	58.11	58.87	68.29	60.40	59.08
17	58.05	55.48	59.91	58.66	56.60	55.24	60.47	57.48	59.61	66.21	60.76	60.86
18	58.23	56.85	60.53	56.29	57.56	55.99	58.08	59.35	59.92	63.89	61.05	59.70
19	59.41	59.16	61.54	55.07	57.75	55.61	56.18	62.02	59.32	61.06	61.49	58.66
20	57.35	59.68	61.88	57.55	57.67	55.22	57.35	61.52	58.84	61.41	61.15	57.32
21	59.12	59.52	58.57	58.83	58.47	53.34	57.31	61.34	56.89	61.39	61.39	59.30
22	58.75	59.47	57.75	58.55	54.77	51.82	57.86	60.57	57.53	61.54	61.41	60.16
23	60.31	58.81	57.13	58.35	53.65	53.58	58.82	59.93	58.18	61.07	59.47	60.74
24	60.27	56.72	55.30	58.72	55.36	54.67	58.78	59.86	59.27	60.51	61.23	59.63
25	61.24	57.53	54.39	56.16	56.27	56.02	58.41	58.42	60.59	61.11	62.00	58.47
26	59.43	59.34	54.40	54.04	57.29	56.17	56.28	59.07	60.75	58.64	61.99	56.65
27	58.57	60.17	54.56	56.24	57.75	56.43	57.93	59.10	57.76	61.22	62.54	55.22
28	60.06	56.54	54.91	58.16	57.92	55.31	57.78	60.36	56.01	62.22	63.03	57.69
29	60.26	55.16	53.97	57.74	56.46	53.05	58.94	58.54	54.91	64.73	63.02	58.79
30	60.32	55.02	56.74	57.94	---	54.70	59.94	57.44	53.93	64.64	60.72	58.89
31	60.61	---	57.56	57.84	---	55.20	---	56.14	---	65.26	62.15	---
MEAN	59.54	58.11	57.80	57.63	56.99	55.12	57.50	59.00	58.69	60.67	---	58.89
MAX	62.41	60.23	61.88	59.65	58.82	57.28	60.47	62.02	61.03	68.29	---	63.10
MIN	57.27	54.64	53.97	54.04	53.65	51.82	53.61	56.14	53.93	53.29	---	55.22



GROUND-WATER LEVELS

WILLIAMSBURG COUNTY

334410079310200. Local number, WL-76.

LOCATION.--Lat 33°44'10'', long 79°31'02'', Hydrologic Unit 03040205, 15 ft behind Allis-Chalmers store and 86 ft from the water tower in Stuckey.

Owner: Town of Stuckey.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 257 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

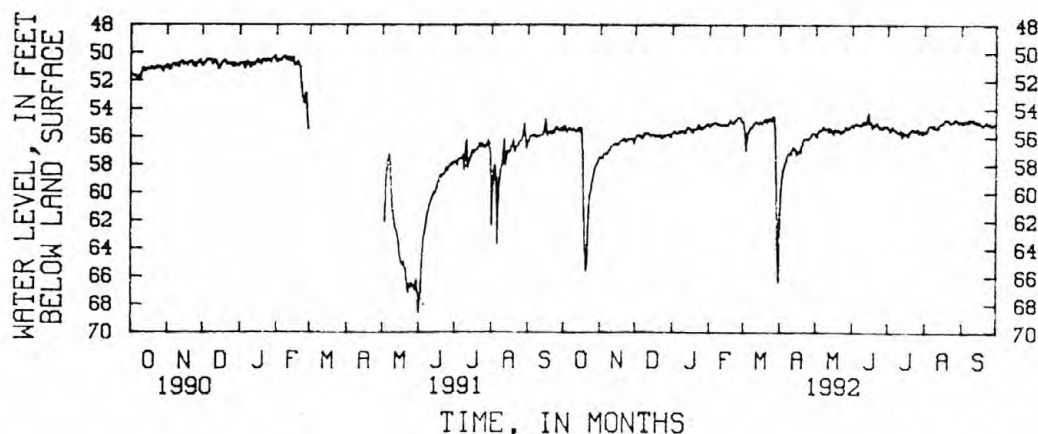
REMARKS.--1978 water-quality data on file in District office. Caliper and gamma logged Oct. 11, 1978, depth 256 ft. Water-level affected by nearby irrigational pumpage.

PERIOD OF RECORD.--October 1981 to September 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 34.55 ft below land-surface datum, Jan. 12, 1982; lowest, 68.59 ft below land-surface datum, June 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55.27	57.42	56.12	55.73	55.21	54.91	62.02	55.85	55.09	55.26	55.66	54.93
2	55.24	57.50	55.92	55.63	55.18	55.44	59.80	55.95	55.23	55.38	55.64	55.01
3	55.54	57.49	55.87	55.56	55.04	56.96	58.84	55.62	55.10	55.59	55.49	54.84
4	55.63	57.21	55.84	55.74	55.03	56.16	58.31	55.46	55.02	55.46	55.27	54.93
5	55.49	57.13	55.88	55.71	54.98	55.72	58.05	55.52	55.01	55.28	55.19	54.94
6	55.39	57.15	56.03	55.69	54.94	55.49	57.70	55.46	55.08	55.44	55.15	54.79
7	55.48	57.18	56.04	55.56	54.96	55.29	57.36	55.25	55.09	55.47	55.23	54.92
8	55.56	56.94	55.89	55.62	55.08	55.28	57.19	55.33	55.14	55.54	55.30	54.73
9	55.41	56.91	55.71	55.52	55.07	55.18	57.08	55.45	55.12	55.60	55.16	54.75
10	55.51	56.67	55.74	55.56	55.10	55.01	57.21	55.40	54.87	55.74	55.34	54.84
11	55.60	56.63	55.69	55.67	55.10	54.92	56.94	55.37	55.01	55.69	55.32	54.76
12	55.56	56.54	55.73	55.64	55.18	54.90	56.72	55.60	54.89	55.53	55.40	54.93
13	55.50	56.49	55.79	55.42	55.11	54.94	56.77	55.34	54.98	56.02	55.18	54.98
14	55.34	56.45	55.89	55.29	55.10	55.01	56.87	55.47	54.57	55.66	55.05	54.89
15	55.68	56.51	55.86	55.36	55.15	54.90	57.21	55.65	54.27	55.75	55.05	55.02
16	55.37	56.54	55.82	55.39	55.15	54.89	57.10	55.77	54.98	55.78	54.98	54.96
17	57.03	56.46	55.86	55.58	55.11	54.99	56.99	55.43	54.92	55.75	54.91	55.06
18	61.48	56.32	55.92	55.62	54.88	54.88	57.06	55.51	55.31	55.88	54.73	55.18
19	64.08	56.25	55.89	55.44	54.77	54.74	56.61	55.53	55.12	55.67	54.75	55.20
20	65.63	56.22	55.93	55.44	54.97	54.69	56.48	55.44	55.18	55.54	54.80	55.11
21	65.02	56.08	55.92	55.40	54.96	54.90	56.08	55.54	55.10	55.44	54.79	55.03
22	61.83	56.14	55.86	55.35	55.06	54.79	56.10	55.74	54.96	55.42	54.95	54.94
23	60.22	56.33	56.05	55.11	54.80	54.64	56.12	55.64	55.15	55.53	54.95	55.02
24	59.86	56.26	56.03	55.24	54.77	54.74	56.08	55.55	55.31	55.51	54.94	55.13
25	59.27	56.15	55.88	55.41	54.64	54.76	56.10	55.54	55.27	55.57	54.93	55.04
26	58.80	56.14	55.86	55.38	54.59	54.51	56.00	55.24	55.41	55.43	54.76	55.19
27	58.38	56.10	55.89	55.27	54.58	54.56	55.87	55.28	55.37	55.74	54.73	55.18
28	58.08	56.13	55.82	55.27	54.70	55.37	55.71	55.41	55.22	55.60	54.80	55.11
29	57.93	56.11	55.78	55.16	54.89	58.92	55.69	55.34	55.23	55.55	54.97	55.09
30	57.70	56.43	55.95	55.07	---	64.06	55.71	55.32	55.21	55.77	54.94	55.07
31	57.50	---	55.96	55.02	---	66.40	---	55.13	---	55.57	54.84	---
MEAN	57.75	56.60	55.88	55.45	54.97	55.87	57.06	55.49	55.07	55.59	55.07	54.99
MAX	65.63	57.50	56.12	55.74	55.21	66.40	62.02	55.95	55.41	56.02	55.66	55.20
MIN	55.24	56.08	55.69	55.02	54.58	54.51	55.69	55.13	54.27	55.26	54.73	54.73



GROUND-WATER LEVELS

YORK COUNTY

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 National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 0.75 ft above land-surface datum.

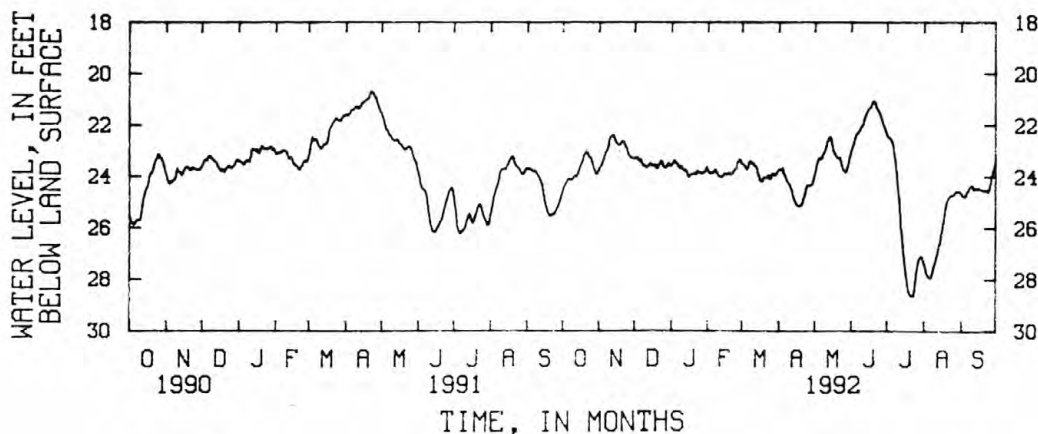
REMARKS.--Water-level affected by stage of Lake Wylie. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 18.46 ft below land-surface datum, Apr. 24, 1983; lowest, 29.69 ft below land-surface datum, July 13, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.58	23.73	23.28	23.56	23.76	23.50	23.72	23.90	22.99	22.36	27.38	24.65
2	24.39	23.62	23.29	23.50	23.86	23.52	23.73	23.70	22.81	22.46	27.57	24.74
3	24.31	23.56	23.25	23.37	23.88	23.57	23.71	23.46	22.69	22.49	27.77	24.79
4	24.25	23.44	23.32	23.39	23.86	23.64	23.67	23.29	22.50	22.53	27.86	24.79
5	24.13	23.32	23.39	23.46	23.85	23.70	23.83	23.25	22.35	22.63	27.92	24.75
6	24.07	23.15	23.34	23.51	23.81	23.63	23.97	23.30	22.30	22.78	27.94	24.62
7	24.09	23.04	23.46	23.62	23.73	23.44	24.09	23.27	22.24	23.10	27.92	24.54
8	24.12	22.95	23.56	23.68	23.77	23.39	24.20	23.13	22.18	23.39	27.74	24.43
9	24.11	22.80	23.55	23.61	23.89	23.46	24.27	23.06	22.07	23.76	27.53	24.37
10	24.04	22.51	23.63	23.63	23.98	23.46	24.35	22.94	22.01	24.27	27.36	24.34
11	23.97	22.43	23.65	23.74	23.99	23.53	24.46	22.80	21.95	24.83	27.16	24.37
12	23.95	22.40	23.61	23.79	24.02	23.58	24.58	22.62	21.76	25.43	27.01	24.49
13	23.96	22.38	23.53	23.75	24.01	23.62	24.81	22.48	21.62	26.04	26.82	24.48
14	23.86	22.48	23.47	23.81	23.95	23.84	24.94	22.45	21.48	26.58	26.61	24.46
15	23.71	22.60	23.55	24.00	23.89	23.96	25.05	22.52	21.39	27.06	26.37	24.48
16	23.60	22.69	23.56	24.01	23.88	24.14	25.11	22.76	21.34	27.48	26.13	24.46
17	23.47	22.75	23.55	23.94	23.92	24.17	25.15	22.98	21.30	27.89	25.81	24.48
18	23.37	22.76	23.55	23.91	23.89	24.19	25.15	23.09	21.20	28.22	25.51	24.51
19	23.18	22.75	23.69	23.90	23.86	24.04	25.13	23.18	21.07	28.47	25.23	24.52
20	23.08	22.66	23.68	23.87	23.92	24.05	25.12	23.26	21.05	28.59	25.00	24.54
21	23.02	22.62	23.55	23.90	23.90	24.05	24.97	23.27	21.12	28.65	24.89	24.55
22	23.04	22.65	23.47	23.91	23.87	23.98	24.82	23.25	21.29	28.66	24.80	24.52
23	23.15	22.77	23.39	23.78	23.76	23.95	24.66	23.39	21.38	28.66	24.75	24.56
24	23.24	22.86	23.44	23.82	23.72	24.08	24.45	23.56	21.44	28.42	24.73	24.60
25	23.27	23.01	23.60	23.85	23.69	24.07	24.32	23.72	21.57	28.05	24.72	24.48
26	23.41	23.14	23.66	23.85	23.44	23.88	24.33	23.79	21.71	27.64	24.68	24.26
27	23.58	23.22	23.66	23.88	23.39	23.88	24.34	23.83	21.85	27.32	24.62	24.01
28	23.72	23.26	23.62	23.85	23.33	23.94	24.31	23.77	21.99	27.18	24.56	23.77
29	23.89	23.27	23.47	23.82	23.36	23.93	24.26	23.61	22.10	27.10	24.58	23.63
30	23.90	23.29	23.51	23.72	---	23.87	24.09	23.40	22.24	27.10	24.56	23.46
31	23.82	---	23.58	23.63	---	23.78	---	23.17	---	27.17	24.57	---
MEAN	23.75	22.94	23.51	23.74	23.80	23.80	24.45	23.23	21.83	26.01	26.13	24.42
MAX	24.58	23.73	23.69	24.01	24.02	24.19	25.15	23.90	22.99	28.66	27.94	24.79
MIN	23.02	22.38	23.25	23.37	23.33	23.39	23.67	22.45	21.05	22.36	24.56	23.46



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October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI).

Multiply inch-pound units	By	To obtain SI units
<i>Length</i>		
inches (in)	2.54×10^1 2.54×10^{-2}	millimeters (mm) meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^0	kilometers (km)
<i>Area</i>		
acres	4.047×10^3 4.047×10^{-1}	square meters (m ²) square hectometers (hm ²)
square miles (mi ²)	4.047×10^{-3} 2.590×10^0	square kilometers (km ²) square kilometers (km ²)
<i>Volume</i>		
gallons (gal)	3.785×10^0 3.785×10^0	liters (L) cubic decimeters (dm ³)
million gallons	3.785×10^{-3} 3.785×10^3	cubic meters (m ³) cubic meters (m ³)
cubic feet (ft ³)	3.785×10^{-3} 2.832×10^1	cubic hectometers (hm ³) cubic decimeters (dm ³)
cfs-days	2.832×10^{-2} 2.447×10^3	cubic meters (m ³) cubic meters (m ³)
acre-feet (acre-ft)	2.447×10^{-3} 1.233×10^3	cubic hectometers (hm ³) cubic meters (m ³)
	1.233×10^{-3} 1.233×10^{-6}	cubic hectometers (hm ³) cubic kilometers (km ³)
<i>Flow</i>		
cubic feet per second (ft ³ /s)	2.832×10^1 2.832×10^1	liters per second (L/s) cubic decimeters per second (dm ³ /s)
gallons per minute (gal/min)	2.832×10^{-2} 6.309×10^{-2}	cubic meters per second (m ³ /s) liters per second (L/s)
million gallons per day	6.309×10^{-2} 6.309×10^{-5}	cubic decimeters per second (dm ³ /s) cubic meters per second (m ³ /s)
	4.381×10^1 4.381×10^{-2}	cubic decimeters per second (dm ³ /s) cubic meters per second (m ³ /s)
<i>Mass</i>		
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

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