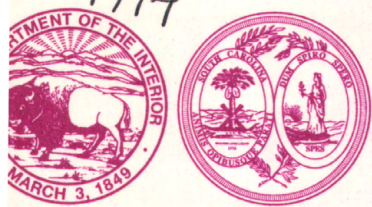
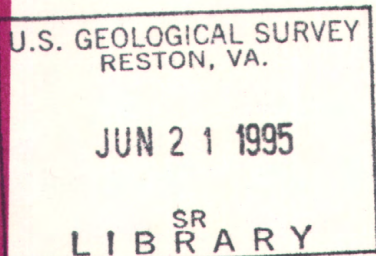
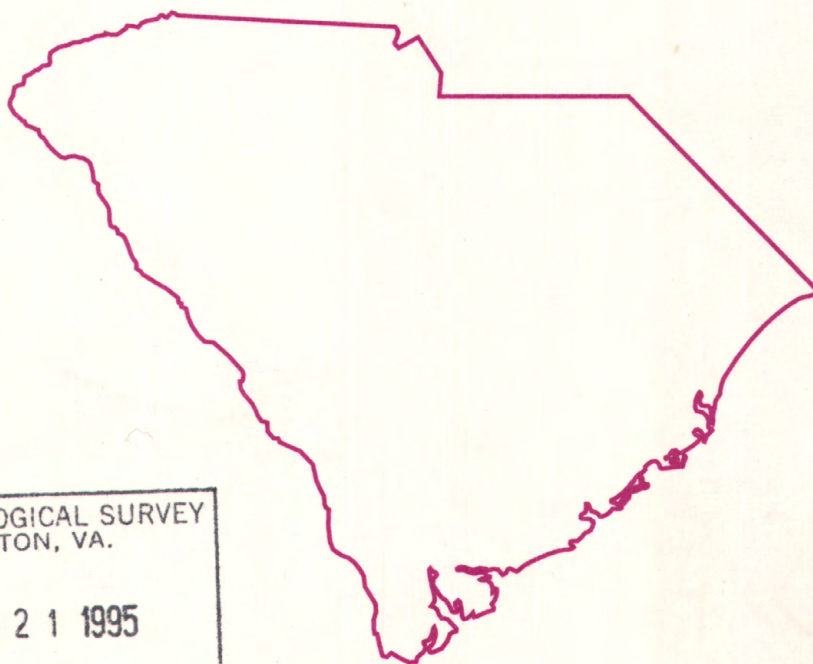


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Water Resources Data South Carolina Water Year 1994



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-94-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies



Water Resources Data South Carolina Water Year 1994

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



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U. S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U. S. GEOLOGICAL SURVEY

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Columbia, South Carolina 29210-7651

PREFACE

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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.

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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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Hollywood Elementary School at Saluda (SAL-69).	340517081401300	515
<u>SPARTANBURG</u>		
South Carolina Department of Parks, Recreation, and Tourism (SP-1581).	345145081502900	516
<u>YORK</u>		
Ft. Mill, Tega Cay Development Co. (YK-147)	350150081012500	517

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1994

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
Catfish Canal at Sellers, S.C. (d)	02131150	27.4	1967-92
Lynches River near Bishopville, S.C. (d)	02131500*	675	1943-71
Little Pee Dee River near Dillon, S.C. (d)	02132500*	524	1939-71
Black River near Gable, S.C. (d)	02135500	401	1951-66, 1972-92
SANTÉE 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

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

Station name	Station number	Drainage area (mi ²)	Period of record
Saluda River near Pelzer, S.C. (d)	02163000	405	1930-71
Saluda River near Silverstreet, S.C. (d)	02167500	1,620	1927-65
Congaree Creek at Cayce, S.C. (d)	02169550	122	1960-80
Big Beaver Creek near St. Matthews, S.C. (d)	02169630	10.0	1966-93
Cedar Creek below Myers Creek near Hopkins, S.C. (d)	02169670	66.9	1981-85
Lake Marion at Buckingham Landing near Lone Star, S.C. (e)	02169850	---	1977-80
Lake Marion at Rimini, S.C. (e)	02169900	14,194	1975-78
Santee River at Ferguson, S.C. (d)	02170000	14,600	1908-41
Lakes Marion-Moultrie Diversion Canal near Pineville, S.C. (d)	02170500	---	1944-86
Santee River below St. Stephens, S.C. (d)	02171650	14,900	1966-82
Wedboo Creek near Jamestown, S.C. (d)	02171680	17.4	1966-72, 1973-92
Minim Creek at AIW near North Santee, S.C. (e)	02171820	---	1974-75, 1976-93
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
Savannah River near Iva, S.C. (d)	02187500	2,231	1950-81
Rocky River near Calhoun Falls, S.C. (d)	02188000	267	1950-66
Savannah River near Calhoun Falls, S.C. (d)	02189000	2,876	1896-98, 1899-1900, 1930-32, 1938-79
Savannah River near Clarks Hill, S.C. (d)	02195000	6,150	1940-54
Augusta Canal near Augusta, Ga. (d)	02196500	---	1931-57, 1989-92

WATER RESOURCES DATA FOR SOUTH CAROLINA-1994

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 1994 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
Minim Creek at AIW near North Santee, S.C.	02171820	S.C.	1979-93
South Santee River at State Pier near McClellanville, S.C.	02171905	S.C.	1987-93
West Branch Cooper River near Monks Corner, S.C.	02172017	Temp.	1976-82
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
Savannah River at Augusta, Ga.	02197000	Temp.	1974-86, 1990-93
L-Lake above Dam at SRS, S.C.	02197353	Temp.	1988-93
Savannah River below Steel Creek near Millett, S.C.	02197370	Temp.	1972-93
Lower Three Runs below Par Pond at SRS, S.C.	02197380	Temp.	1984-93

INTRODUCTION

Water resources data for the 1994 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 137 gaging stations; stage-only records for 39 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 33 gaging stations; water-temperature only for 15 gaging stations; and water levels for 49 observation wells. Also included are data for 67 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-94-1." 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 Department of Natural Resources, J.H. Timmerman, Executive Director
 South Carolina Public Service Authority, Kenneth R. Ford, President
 South Carolina Department of Transportation, D. Fanning, Executive Director
 South Carolina Department of Health and Environmental Control,
 D. Bryant, Commissioner
 City of Camden
 City of Charleston, S. W. Kinard, Manager of Commission of Public Works
 City of Greer
 City of Spartanburg, Myles W. Whitlock, Jr., Chairman of Commissioners of Public Works
 City of Mount Pleasant
 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
 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

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, 1994

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Rainfall totals and streamflows throughout South Carolina were near normal during the 1994 water year. Rainfall in the Piedmont, as indicated by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport, was 4 percent below normal for the year. Rainfall recorded near Columbia and Charleston by the NWS was 6 percent below normal and 12 percent above normal, respectively, for the year.

Streamflows near the end of the 1994 water year were low as a result of deficient rainfall but minimum daily mean discharges were higher than the minimum daily means for the period of record. Minimum daily mean discharges for the 1994 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 1994 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	74	27
02162010 Cedar Creek near Blythewood	48.9	1.0	0.07
<u>Upper Coastal Plain</u>			
02130900 Black Creek near McBee	108	26	17
02173000 South Fork Edisto River near Denmark	720	362	148
02197300 Upper Three Runs near New Ellenton	98.7	87	53
<u>Lower Coastal Plain</u>			
02132000 Lynches River at Effingham	1030	220	95
02176500 Coosawhatchie River near Hampton	203	0.11	.0

A comparison of monthly and yearly mean discharges during the 1994 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 slightly above normal for most of the year. The monthly mean discharges for the Lynches River near Effingham station were generally lower than the long-term median flow from October through May and above normal the remainder of the year.

Ground Water

Ground-water levels reflect both the climatic conditions of the region and ground-water withdrawals. In the Piedmont ground water occurs in the fault and fracture systems of the crystalline rocks and in the shallow unconsolidated material overlying the rock. Water levels in the shallow water table aquifer in the Piedmont, which is not heavily pumped, decreased slightly during the 1994 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, decreased slightly from 29.21 feet below land surface on October 1, 1993, to 29.49 feet below land surface on September 30, 1994, and varied about three 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 about nine feet from October 1, 1993, to September 30, 1994. The water level in well GEO-77, an observation well at Georgetown, decreased from 112.22 feet on October 16, 1993 to 118.06 feet on September 30, 1994.

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

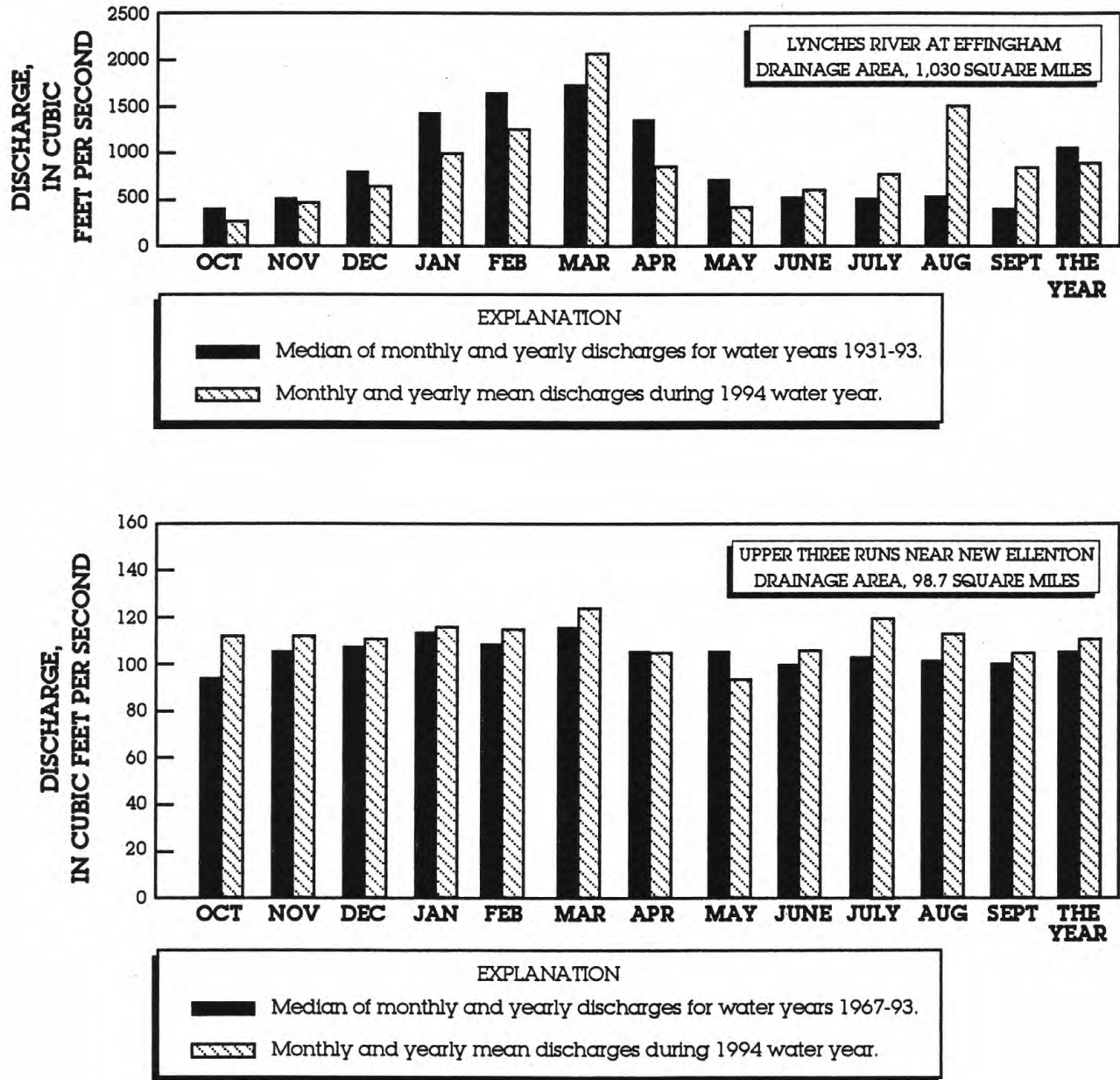


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1994 water year with the median discharges for the period of record.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1994

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

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

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

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

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

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

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

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

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

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic 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 (CaCO₃).

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

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

Micrograms per gram (μ 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 (μ g/L, μ 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.

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

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

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

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

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

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 planimeted. All areas shown are those for the stage when the planimeted map was made.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 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 or suspension that passes a stream section during a 24-hour day.

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

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

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

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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, 1994, is called the "1994 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.

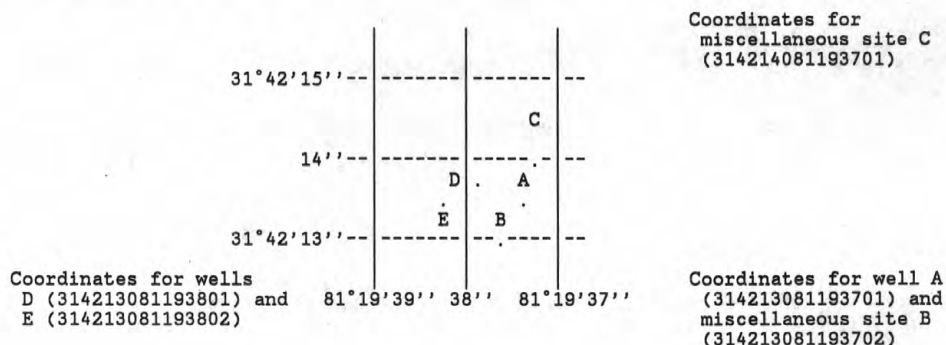


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

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

National Stream-Quality Accounting Network (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in natural or regional water-quality planning and management. The 284 sites in NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

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

The National Water-Quality Assessment (NAWQA) Program of the U.S. Geological Survey is a long-term program with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nation's ground- and surface-water resources, and to identify, describe, and explain the major natural and human factors that affect these observed conditions and trends.

Assessment activities have begun in about two-thirds of the study units and ultimately will be conducted in 60 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

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

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

RECORDS OF STAGE AND WATER DISCHARGE

Data Collection and Computation

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

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

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

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.

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

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise, daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

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

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

Data Presentation

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

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

Station manuscript

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

LOCATION.--Information on locations is obtained from the most accurate maps available. The location of the gaging station with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.--Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps are available.

PERIOD OF RECORD.--This indicates the period for which records have been published for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that flow at it can reasonably be considered equivalent to flow at the present station.

REVISED RECORDS.--Because of new information, published records occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

GAGE.--The type of gage in current use, the datum of the current gage referred to sea level (see glossary), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily discharges will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a REMARKS paragraph is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph is also used to present information relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S. Geological Survey.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations, there would be no current or, possibly, future station manuscript published to document the revision in a "Revised Records" entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the District Office (address given on the back of the title page of this report) to determine if the published records were ever revised after the 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 are 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 has been exceeded 10 percent of the time for the designated period.

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

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

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

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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, 1994

RECORDS OF SURFACE-WATER QUALITY

Data Collection and Examination

Surface water samples for analyses usually are collected at or near gaging stations (fig. 5). The quality-of-water records are given immediately following the stage or discharge records at these stations. The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, biological determination, water temperatures, sediment discharge), period of record and, extremes of pertinent data, and general remarks.

Revisions

If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, 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.

On-site Measurements and Sample Collection

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

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

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

For chemical-quality stations equipped with U.S.G.S. mini-monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured. These daily values are based upon hourly tape-punches or data collection platform transmissions beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Historical and current (1994) dissolved trace-element concentrations are reported herein for water that was collected, processed, and analyzed by using either ultraclean or other than ultraclean techniques. If ultraclean techniques were used, then those concentrations are reported in nanograms per liter. If other than ultraclean techniques were used, then those concentrations are reported in micrograms per liter and could reflect contamination introduced during some phase of the procedure.

Water temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published. Large streams have a small daily temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream. Methods used in the computation of sediment records are described in the TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards. In addition to the records of the quantities of suspended sediment, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Samples for indicator bacteria are analyzed locally. Samples for the National Stream Quality Accounting Network, the Hydrologic Bench-Mark Network (see definitions), and several long-term trend stations are analyzed in the U.S. Geological Survey laboratory in Arvada, CO. All sediment samples are analyzed by the Alabama District Sediment Laboratory. Methods used to analyze sediment samples and to compute sediment records are described in the TWRI Book 5, Chapter C1. Methods used by the U.S. Geological Survey laboratories are given in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4, and A5. The methods are consistent with ASTM standards and generally follow ISO standards.

RECORDS OF GROUND-WATER LEVEL AND QUALITY

Data Collection and Computation

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 7). These wells penetrate and receive water from various aquifers and supply the most significant data on the regional ground-water conditions of the State.

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is provided for local needs (fig. 2).

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

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

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

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

Data Presentation

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

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds); 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) sea level; it is reported with a precision depending on the method of determination.

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

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

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

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum and all taped measurements of water level are listed. For wells equipped with recorders, only abbreviated tables are published; generally, only water-level lows are listed for every fifth day and at the end of the month (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.

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

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

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. 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.
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- 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.
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- 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
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PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

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- 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*, Revised, 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.
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- 3-A19. *Levels of streamflow gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 31 pages.
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- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R. L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.
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- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

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- 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.
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- 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.
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- 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.
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- 6-A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual*, by L. J. Torak: USGS--TWRI Book 6, Chapter A3. 1993. 136 pages.
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- 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.
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- 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.
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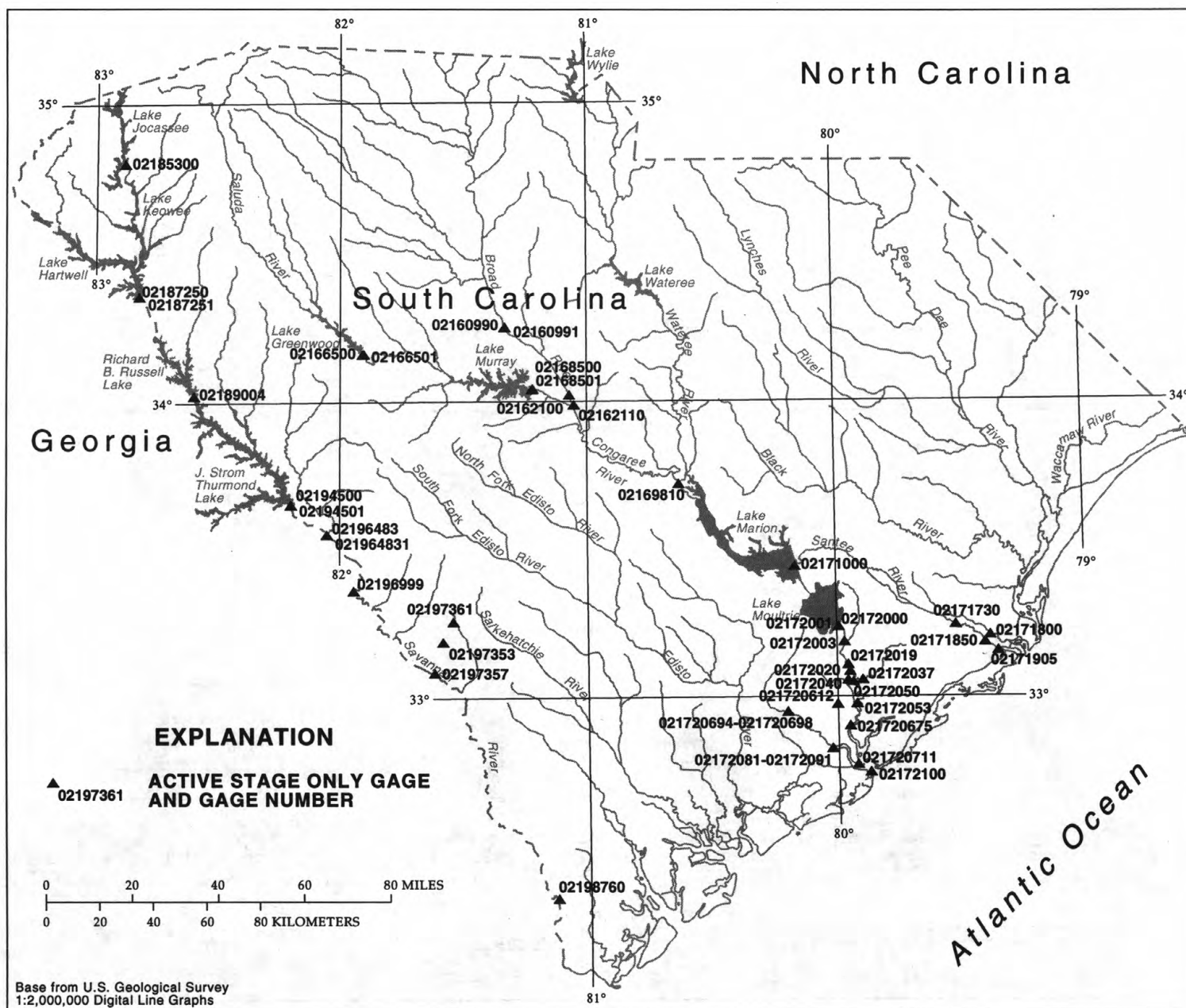
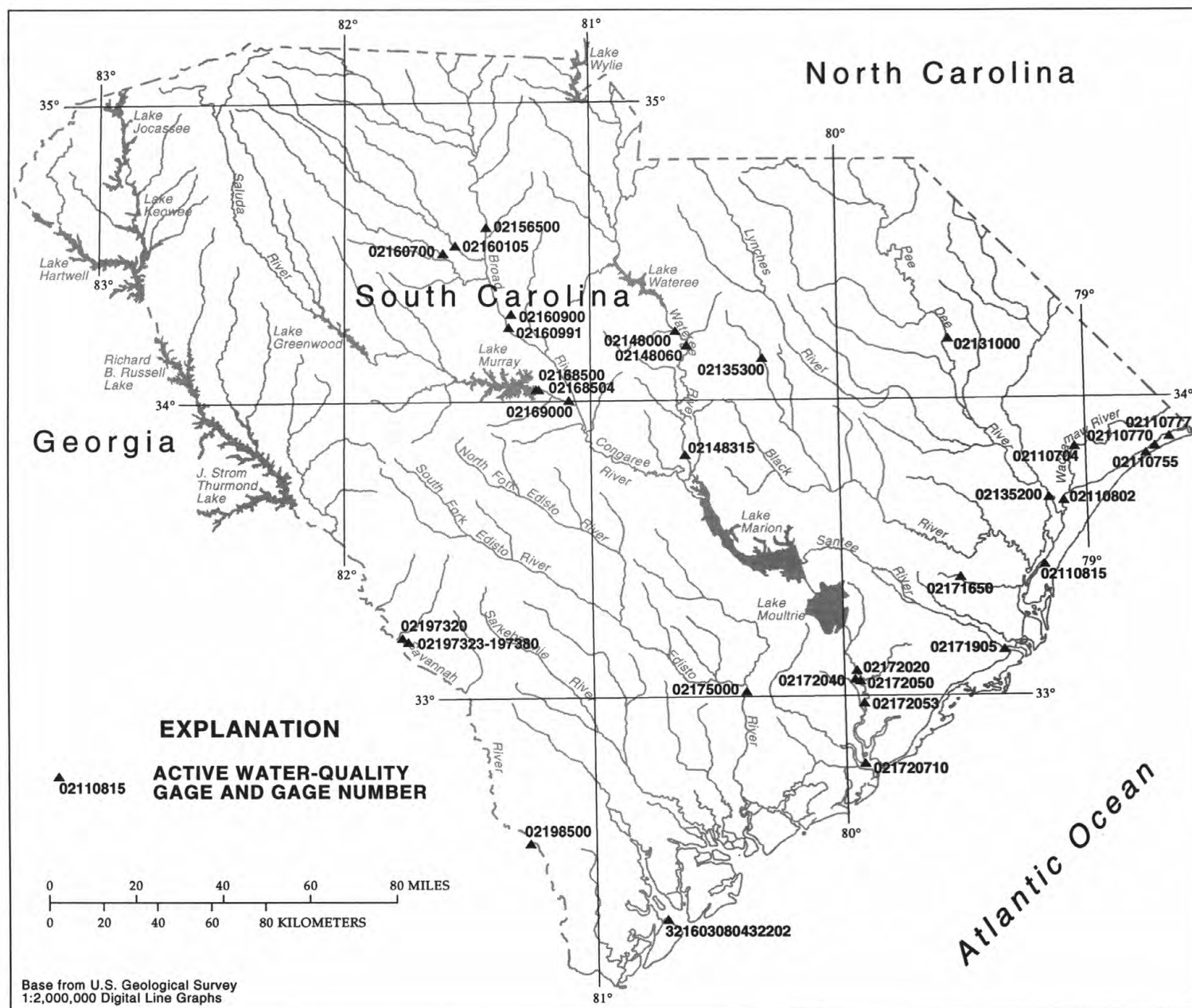


Figure 4.--Location of stage only stations.



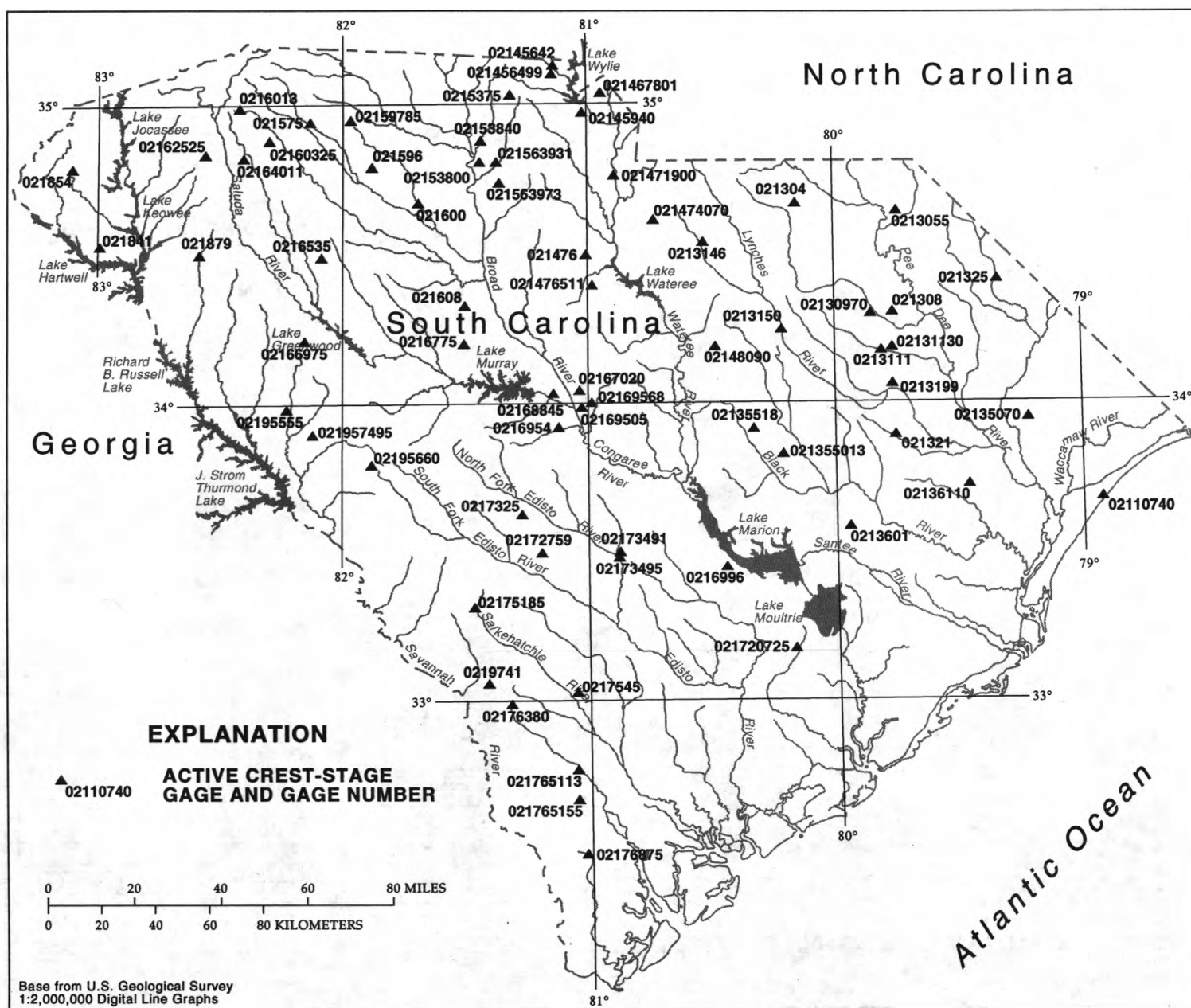


Figure 6.--Location of crest-stage stations.

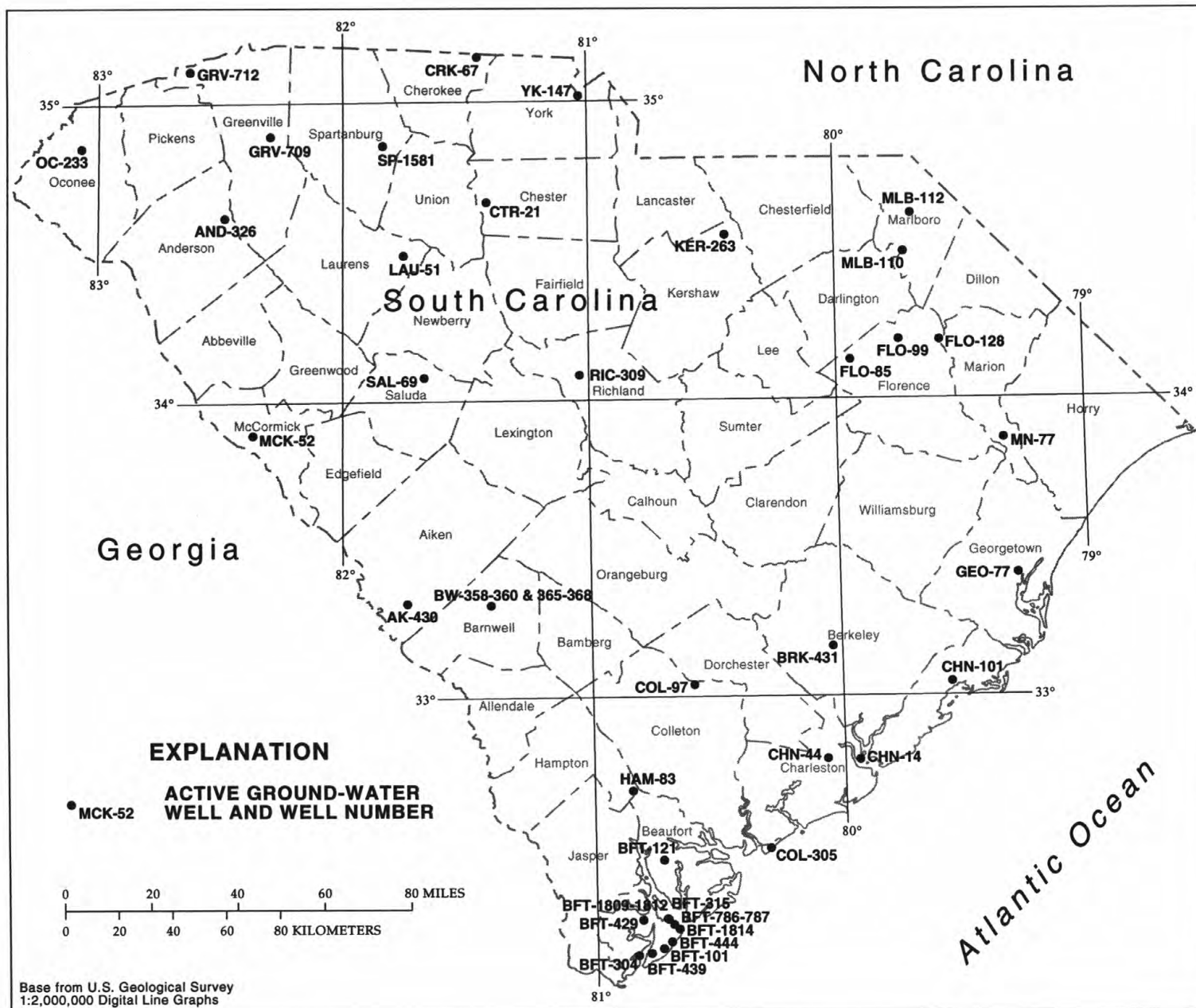


Figure 7.--Location of ground water wells.

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 sea level (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, Aug. 1 - 4, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	218	64	165	2140	1540	1590	182	37	85	105	406
2	36	201	64	224	2180	2020	1530	163	33	78	114	382
3	34	195	64	259	2260	3040	1470	148	30	75	123	357
4	32	191	64	273	2350	3670	1420	140	27	71	132	358
5	30	191	64	296	2410	3680	1370	134	25	68	136	377
6	28	200	63	319	2420	3680	1320	127	23	65	142	399
7	28	199	62	347	2370	3760	1270	126	22	68	137	425
8	31	189	59	376	2310	3830	1210	130	22	82	125	450
9	32	177	57	400	2250	3860	1160	137	25	99	113	479
10	28	166	55	415	2190	3840	1100	137	21	106	101	504
11	27	154	61	426	2200	3800	1040	135	51	72	89	525
12	28	142	66	458	2170	3680	977	133	39	42	79	543
13	28	132	66	527	2120	3550	913	128	30	33	70	543
14	30	121	69	574	2070	3470	853	124	25	28	62	532
15	27	111	95	618	2010	3370	790	119	23	26	59	508
16	27	103	110	636	1950	3240	738	115	23	26	76	483
17	55	95	112	667	1920	3080	683	109	24	28	64	468
18	60	88	114	856	1890	2920	626	102	29	32	57	489
19	48	82	116	970	1860	2760	577	95	57	61	83	608
20	44	77	116	1030	1820	2580	532	89	97	102	120	676
21	43	71	117	1110	1770	2410	488	83	127	130	141	800
22	42	66	116	1180	1700	2250	448	78	143	145	160	1050
23	40	62	125	1250	1650	2110	421	72	144	98	196	1430
24	39	58	150	1300	1680	1980	397	66	138	58	243	1860
25	36	57	161	1340	1730	1980	368	61	130	51	298	2220
26	44	53	167	1360	1740	1960	333	56	123	48	355	2330
27	72	52	169	1360	1690	1870	298	51	111	50	395	2340
28	68	63	170	1410	1610	1780	263	46	104	65	418	2270
29	57	73	170	1540	---	1720	232	41	95	76	429	2190
30	104	68	170	1750	---	1660	205	37	99	75	433	2110
31	219	---	167	2050	---	1610	---	41	---	99	426	---
TOTAL	1455	3655	3223	25486	56460	86700	24622	3205	1877	2142	5481	28112
MEAN	46.9	122	104	822	2016	2797	821	103	62.6	69.1	177	937
MAX	219	218	170	2050	2420	3860	1590	182	144	145	433	2340
MIN	27	52	55	165	1610	1540	205	37	21	26	57	357
CFSM	.04	.11	.09	.74	1.82	2.52	.74	.09	.06	.06	.16	.84
IN.	.05	.12	.11	.85	1.89	2.91	.83	.11	.06	.07	.18	.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1994, BY WATER YEAR (WY)

	MEAN	716	525	715	1704	2186	2556	1788	633	573	816	1142	998
MAX	3463	2864	2779	6330	5973	7748	5072	2916	2422	6191	5643	6767	
(WY)	1965	1978	1993	1993	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1950 - 1994

ANNUAL TOTAL	447056	242418	1191
ANNUAL MEAN	1225	664	2418
HIGHEST ANNUAL MEAN			1960
LOWEST ANNUAL MEAN			439
HIGHEST DAILY MEAN	10200	3860	16000
LOWEST DAILY MEAN	15	21	1.0
ANNUAL SEVEN-DAY MINIMUM	19	24	2.0
INSTANTANEOUS PEAK FLOW		3860	16200
INSTANTANEOUS PEAK STAGE		11.18	14.87
INSTANTANEOUS LOW FLOW		19	1.0
ANNUAL RUNOFF (CFSM)	1.10	.60	1.07
ANNUAL RUNOFF (INCHES)	14.98	8.12	14.58
10 PERCENT EXCEEDS	3220	2150	3030
50 PERCENT EXCEEDS	121	148	659
90 PERCENT EXCEEDS	28	36	53

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.--

TEMPERATURE: October 1991 to current year.

DISSOLVED OXYGEN: October 1990 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.0°C, July 11-13, 1993; minimum, 3.5°C, Jan. 22 - 24, 1994.

DISSOLVED OXYGEN: Maximum, 10.6 mg/L, Jan. 23, 1992; minimum, 1.5 mg/L, Sept. 17, 18, 1991.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.5°C, July 16 - 18; minimum, 3.5°C, Jan. 22 - 24.

DISSOLVED OXYGEN: Maximum, 10.0 mg/L, Jan. 24; minimum, 2.2 mg/L, Sept. 7.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	18.0	17.0	17.0	14.0	13.5	13.5	7.0	6.5	6.5
2	---	---	---	16.5	16.0	16.0	13.5	13.5	13.5	7.5	7.0	7.0
3	---	---	---	15.5	15.0	15.0	13.5	13.0	13.0	8.5	7.5	7.5
4	---	---	---	15.5	15.0	15.0	14.5	13.5	13.5	8.0	8.0	8.0
5	---	---	---	15.0	14.5	14.5	15.0	14.0	14.0	7.5	7.5	7.5
6	---	---	---	15.5	15.0	15.0	14.5	14.0	14.0	7.5	6.5	6.5
7	---	---	---	15.0	14.5	14.5	14.0	14.0	14.0	7.5	7.0	7.0
8	---	---	---	15.0	14.5	14.5	14.0	13.5	13.5	8.5	8.0	8.0
9	---	---	---	14.0	14.0	14.0	13.5	13.0	13.0	8.5	8.0	8.0
10	---	---	---	14.0	13.5	13.5	13.5	12.5	12.5	8.0	7.5	7.5
11	---	---	---	13.5	13.0	13.0	13.0	12.0	12.0	7.5	7.5	7.5
12	---	---	---	13.5	12.5	12.5	11.0	11.0	11.0	8.0	7.5	7.5
13	---	---	---	13.5	12.5	12.5	10.5	10.0	10.0	8.5	8.0	8.0
14	---	---	---	15.0	13.5	13.5	10.0	9.5	9.5	8.5	8.0	8.0
15	19.5	19.5	19.5	15.5	14.0	14.0	9.5	9.5	9.5	8.0	7.5	7.5
16	19.5	19.5	19.5	17.0	15.0	15.0	9.5	9.5	9.5	7.5	7.0	7.0
17	19.5	19.5	19.5	18.0	16.5	16.5	10.0	9.5	9.5	6.0	6.0	6.0
18	20.0	19.5	19.5	18.5	17.0	17.0	10.0	9.5	9.5	6.5	6.0	6.0
19	20.5	20.0	20.0	18.5	17.5	17.5	10.0	9.5	9.5	6.0	5.5	5.5
20	21.0	20.5	20.5	18.0	16.5	16.5	9.5	9.5	9.5	4.5	4.0	4.0
21	21.5	21.0	21.0	16.0	15.5	15.5	10.0	9.5	9.5	4.0	4.0	4.0
22	21.0	21.0	21.0	15.5	15.0	15.0	9.5	9.5	9.5	3.5	3.5	3.5
23	21.0	20.5	20.5	15.5	14.5	14.5	9.5	9.0	9.0	3.5	3.5	3.5
24	20.0	19.5	19.5	15.5	15.0	15.0	8.5	8.0	8.0	5.0	3.5	3.5
25	19.5	19.5	19.5	15.5	14.5	14.5	8.0	8.0	8.0	5.5	5.0	5.0
26	19.5	19.0	19.0	15.0	14.5	14.5	7.5	7.5	7.5	6.0	5.5	5.5
27	19.0	19.0	19.0	15.5	15.0	15.0	7.0	7.0	7.0	7.0	6.5	6.5
28	19.0	19.0	19.0	15.0	15.0	15.0	7.0	6.5	6.5	8.0	7.0	7.0
29	19.5	19.0	19.0	14.5	14.0	14.0	7.5	7.0	7.0	9.5	8.5	8.5
30	19.0	19.0	19.0	14.5	14.0	14.0	7.0	7.0	7.0	10.0	9.5	9.5
31	19.0	18.5	18.5	---	---	---	7.0	7.0	7.0	10.0	9.5	9.5
MONTH	21.5	18.5	19.6	18.5	12.5	14.8	15.0	6.5	10.3	10.0	3.5	6.7

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.0	8.5	8.5	11.5	11.5	11.5	17.0	17.0	17.0	24.0	23.5	23.5
2	8.5	8.0	8.0	12.0	11.5	11.5	16.5	16.0	16.0	24.0	23.5	23.5
3	8.0	7.5	7.5	12.0	11.5	11.5	16.5	16.0	16.0	23.0	22.5	22.5
4	7.5	7.5	7.5	11.5	11.5	11.5	17.0	16.5	16.5	22.5	22.0	22.0
5	7.5	7.5	7.5	12.5	12.0	12.0	17.5	17.0	17.0	21.0	21.0	21.0
6	8.0	8.0	8.0	13.0	12.5	12.5	18.0	17.5	17.5	21.5	21.0	21.0
7	9.0	8.5	8.5	13.5	13.0	13.0	19.0	18.5	18.5	22.0	21.5	21.5
8	9.5	9.5	9.5	14.5	14.0	14.0	18.5	18.5	18.5	22.0	21.5	21.5
9	10.5	10.0	10.0	15.5	15.0	15.0	18.5	18.5	18.5	22.0	21.5	21.5
10	11.0	11.0	11.0	16.0	16.0	16.0	18.5	18.5	18.5	22.0	21.5	21.5
11	11.0	10.5	10.5	16.0	15.5	15.5	19.0	18.5	18.5	22.5	22.0	22.0
12	9.5	9.0	9.0	15.0	15.0	15.0	19.5	19.0	19.0	23.0	22.5	22.5
13	9.0	8.5	8.5	14.5	14.0	14.0	19.5	19.5	19.5	23.0	22.5	22.5
14	9.0	9.0	9.0	14.0	13.5	13.5	21.0	20.0	20.0	23.0	22.5	22.5
15	5.0	9.0	9.0	13.5	13.5	13.5	20.5	20.5	20.5	23.0	23.0	23.0
16	9.0	9.0	9.0	14.0	14.0	14.0	21.0	20.5	20.5	24.0	23.0	23.0
17	9.5	9.0	9.0	14.0	13.5	13.5	21.0	20.5	20.5	24.0	23.5	23.5
18	10.0	9.5	9.5	13.5	13.0	13.0	21.0	20.5	20.5	24.0	23.5	23.5
19	11.0	10.5	10.5	14.0	13.5	13.5	21.0	20.5	20.5	23.5	23.5	23.5
20	11.5	11.0	11.0	14.5	14.0	14.0	22.5	21.5	21.5	23.0	22.5	22.5
21	12.5	12.0	12.0	15.0	14.5	14.5	23.5	22.5	22.5	22.0	21.5	21.5
22	13.5	13.0	13.0	16.0	15.5	15.5	23.0	22.5	22.5	21.5	21.0	21.0
23	14.5	14.0	14.0	16.5	16.0	16.0	22.0	21.0	21.0	22.0	21.0	21.0
24	15.0	14.5	14.5	17.0	16.5	16.5	21.5	21.0	21.0	23.0	22.0	22.0
25	15.0	14.5	14.5	18.0	17.5	17.5	22.0	21.5	21.5	23.5	23.0	23.0
26	14.5	14.5	14.5	18.0	18.0	18.0	22.5	22.0	22.0	24.0	23.5	23.5
27	14.0	13.5	13.5	18.5	18.0	18.0	23.0	22.0	22.0	24.0	24.0	24.0
28	13.0	12.5	12.5	19.0	19.0	19.0	23.0	22.5	22.5	24.5	24.0	24.0
29	---	---	---	19.5	19.0	19.0	24.0	23.0	23.0	24.5	24.0	24.0
30	---	---	---	19.0	18.5	18.5	24.0	23.5	23.5	24.5	24.0	24.0
31	---	---	---	18.0	17.5	17.5	---	---	---	24.0	24.0	24.0
MONTH	15.0	7.5	10.3	19.5	11.5	14.8	24.0	16.0	19.9	24.5	21.0	22.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.0	24.0	24.0	---	---	---	28.0	27.0	27.0	28.0	27.5	27.5
2	25.5	25.0	25.0	---	---	---	28.5	28.0	28.0	28.0	27.5	27.5
3	26.0	25.5	25.5	---	---	---	29.0	28.5	28.5	27.0	26.5	26.5
4	26.0	26.0	26.0	---	---	---	29.0	29.0	29.0	25.5	25.5	25.5
5	26.0	25.5	25.5	---	---	---	29.5	29.0	29.0	25.5	25.0	25.0
6	26.0	25.5	25.5	---	---	---	29.0	28.5	28.5	25.0	24.5	24.5
7	26.0	25.5	25.5	---	---	---	28.5	28.0	28.0	24.5	24.5	24.5
8	26.5	26.0	26.0	---	---	---	28.0	28.0	28.0	24.5	24.5	24.5
9	27.5	27.0	27.0	---	---	---	28.0	27.5	27.5	25.0	24.5	24.5
10	28.0	28.0	28.0	---	---	---	27.5	27.5	27.5	25.0	24.5	24.5
11	---	---	---	---	---	---	28.0	27.5	27.5	25.0	24.5	24.5
12	---	---	---	---	---	---	28.0	27.5	27.5	25.5	25.0	25.0
13	---	---	---	---	---	---	28.5	28.0	28.0	25.0	25.0	25.0
14	---	---	---	32.0	31.5	31.5	29.0	28.5	28.5	25.5	25.0	25.0
15	---	---	---	32.0	31.5	31.5	29.0	28.5	28.5	25.5	25.0	25.0
16	---	---	---	32.5	31.5	31.5	28.5	28.0	28.0	25.5	25.0	25.0
17	---	---	---	32.5	32.0	32.0	28.5	28.0	28.0	25.0	24.5	24.5
18	---	---	---	32.5	32.0	32.0	28.0	28.0	28.0	24.5	24.5	24.5
19	---	---	---	32.0	32.0	32.0	28.0	27.5	27.5	24.0	24.0	24.0
20	---	---	---	32.0	31.5	31.5	27.5	27.0	27.0	24.0	23.5	23.5
21	---	---	---	30.5	30.0	30.0	27.5	27.0	27.0	23.5	23.0	23.0
22	---	---	---	30.0	30.0	30.0	27.5	27.0	27.0	22.5	22.5	22.5
23	---	---	---	29.5	29.5	29.5	27.5	27.0	27.0	22.0	22.0	22.0
24	---	---	---	30.0	29.5	29.5	27.5	27.0	27.0	22.0	21.5	21.5
25	---	---	---	30.5	29.5	29.5	27.0	26.5	26.5	21.5	21.5	21.5
26	---	---	---	30.5	30.0	30.0	27.0	26.5	26.5	22.0	21.5	21.5
27	---	---	---	30.0	29.5	29.5	27.0	26.5	26.5	22.0	22.0	22.0
28	---	---	---	29.5	29.0	29.0	27.0	26.5	26.5	22.0	22.0	22.0
29	---	---	---	29.0	28.5	28.5	27.0	26.5	26.5	22.0	21.5	21.5
30	---	---	---	28.0	27.5	27.5	27.5	27.0	27.0	21.5	21.5	21.5
31	---	---	---	27.5	26.5	26.5	27.5	27.0	27.0	---	---	---
MONTH	28.0	24.0	25.8	32.5	26.5	30.1	29.5	26.5	27.5	28.0	21.5	24.0
YEAR	32.5	3.5	18.0									

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	6.0	5.4	5.7	6.4	5.3	5.9	8.3	7.8	8.1
2	---	---	---	6.3	5.7	6.0	6.5	5.3	6.0	8.4	7.9	8.2
3	---	---	---	6.4	5.9	6.0	6.5	5.5	6.0	8.4	7.9	8.1
4	---	---	---	6.4	5.9	6.0	6.3	5.2	5.8	8.5	7.9	8.1
5	---	---	---	6.2	6.0	6.1	6.3	5.4	6.0	8.4	8.0	8.2
6	---	---	---	6.2	6.0	6.1	6.5	6.2	6.3	8.4	8.0	8.2
7	---	---	---	6.4	6.0	6.2	6.8	6.1	6.4	8.4	8.0	8.2
8	---	---	---	6.5	6.2	6.3	6.7	6.1	6.5	8.3	8.1	8.2
9	---	---	---	6.4	6.1	6.2	6.7	6.2	6.5	8.3	7.8	8.0
10	---	---	---	6.4	6.2	6.2	6.6	6.2	6.4	8.1	7.6	7.9
11	---	---	---	6.5	6.2	6.3	6.8	6.3	6.6	8.1	7.6	7.8
12	---	---	---	6.4	6.3	6.3	7.5	6.6	7.2	8.2	7.7	8.0
13	---	---	---	6.5	6.2	6.4	8.0	7.3	7.6	8.1	7.6	7.9
14	---	---	---	6.5	6.3	6.4	8.2	7.4	7.8	8.1	7.6	7.9
15	5.5	4.9	5.2	6.5	6.2	6.3	8.0	7.3	7.6	8.2	7.9	8.1
16	5.8	4.9	5.3	6.4	6.2	6.2	7.8	6.2	7.1	8.5	8.0	8.2
17	5.5	4.7	5.1	6.2	6.0	6.1	6.7	6.2	6.4	8.8	8.1	8.4
18	5.2	4.4	4.8	6.0	5.8	5.9	6.8	6.4	6.6	8.9	8.1	8.6
19	5.1	4.3	4.7	5.9	5.6	5.8	7.4	6.5	7.0	9.1	8.5	8.8
20	5.0	4.4	4.6	5.8	5.5	5.7	7.9	7.3	7.6	9.3	8.8	9.1
21	5.0	4.5	4.7	6.1	5.7	5.9	8.1	7.7	7.9	9.4	8.8	9.2
22	5.2	4.7	4.9	6.3	5.8	6.0	8.1	7.8	8.0	9.6	8.9	9.3
23	5.5	4.9	5.1	6.4	5.7	6.0	8.1	6.1	7.6	9.8	9.2	9.6
24	5.6	5.0	5.3	6.5	5.6	6.0	6.1	4.4	4.8	10	9.4	9.7
25	5.6	5.0	5.2	6.4	5.6	5.9	5.1	4.6	4.8	9.7	9.3	9.6
26	5.7	5.0	5.3	6.7	5.6	6.2	5.6	5.1	5.3	9.6	9.2	9.4
27	5.5	5.2	5.3	6.7	5.6	6.2	6.3	5.6	5.9	9.3	9.0	9.1
28	5.5	5.1	5.3	6.5	5.5	5.9	6.9	6.2	6.6	9.1	8.7	9.0
29	5.8	5.3	5.5	5.9	5.3	5.6	7.9	6.7	7.3	8.7	8.0	8.4
30	6.1	5.4	5.7	6.2	5.4	5.8	7.8	7.4	7.7	8.1	7.6	7.8
31	5.6	4.9	5.4	---	---	---	8.1	7.7	7.9	7.6	7.4	7.5
MONTH	6.1	4.3	5.1	6.7	5.3	6.1	8.2	4.4	6.7	10.0	7.4	8.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.7	7.5	7.6	6.7	6.4	6.5	5.1	4.8	4.9	3.9	3.7	3.8
2	8.0	7.7	7.8	7.3	6.7	7.0	5.4	5.1	5.2	4.2	3.7	3.9
3	8.2	7.8	8.0	6.8	6.6	6.7	5.6	5.4	5.4	4.5	3.8	4.1
4	8.2	8.0	8.1	6.8	6.6	6.7	5.6	5.5	5.6	4.5	3.8	4.2
5	8.2	8.0	8.1	6.8	6.4	6.6	5.6	5.3	5.4	4.4	3.8	4.0
6	8.1	8.0	8.0	6.4	6.2	6.3	5.4	5.2	5.3	4.4	3.9	4.1
7	8.0	7.8	7.9	6.2	5.9	6.0	5.3	5.1	5.2	4.5	3.8	4.0
8	7.9	7.7	7.8	6.0	5.7	5.8	5.3	5.1	5.2	4.4	3.9	4.1
9	7.7	7.5	7.7	5.7	5.4	5.5	5.2	5.1	5.1	4.2	4.0	4.1
10	7.6	7.2	7.4	5.4	5.1	5.2	5.3	5.1	5.2	4.3	4.0	4.1
11	7.2	7.1	7.2	5.1	4.9	5.0	5.2	5.1	5.2	4.2	4.0	4.1
12	7.4	7.1	7.3	5.1	4.9	5.0	5.2	5.0	5.1	4.2	4.0	4.1
13	7.6	7.4	7.5	5.2	5.0	5.1	5.1	4.8	5.0	4.0	3.8	3.9
14	7.9	7.6	7.8	5.3	5.2	5.3	5.0	4.6	4.8	3.9	3.8	3.8
15	7.9	7.5	7.8	5.4	5.3	5.3	4.7	4.4	4.6	3.9	3.7	3.8
16	7.5	7.4	7.4	5.4	5.3	5.3	4.6	4.2	4.4	3.8	3.5	3.7
17	7.4	7.3	7.3	5.5	5.4	5.4	4.6	4.3	4.4	4.0	3.6	3.8
18	7.4	7.3	7.4	5.5	5.4	5.5	4.6	4.3	4.4	4.1	3.9	4.0
19	7.4	7.3	7.3	5.5	5.4	5.5	4.5	4.3	4.4	4.3	3.9	4.1
20	7.3	7.1	7.2	5.5	5.4	5.5	4.4	4.2	4.3	4.4	4.0	4.2
21	7.1	6.8	6.9	5.6	5.5	5.5	4.4	4.2	4.3	4.5	4.0	4.3
22	6.8	6.6	6.7	5.5	5.3	5.4	4.4	4.1	4.2	4.6	4.0	4.4
23	6.6	6.3	6.5	5.4	5.2	5.3	4.4	4.1	4.3	4.6	3.9	4.3
24	6.4	6.1	6.3	5.3	5.0	5.2	4.4	4.0	4.2	4.2	3.6	3.9
25	6.1	5.8	6.0	5.6	4.9	5.1	4.2	3.8	4.1	4.1	3.6	3.8
26	6.0	5.8	5.9	4.9	4.7	4.8	4.0	3.7	3.9	4.1	3.8	3.9
27	6.2	6.0	6.1	4.8	4.7	4.8	4.1	3.8	4.0	4.3	3.9	4.1
28	6.4	6.1	6.3	4.8	4.5	4.7	4.1	3.8	3.9	4.6	4.0	4.4
29	---	---	---	4.7	4.4	4.5	4.0	3.8	3.9	4.6	4.3	4.5
30	---	---	---	4.5	4.3	4.4	4.1	3.7	3.9	4.5	4.2	4.4
31	---	---	---	4.9	4.4	4.7	---	---	---	4.6	4.2	4.4
MONTH	8.2	5.8	7.3	7.3	4.3	5.5	5.6	3.7	4.7	4.6	3.5	4.1

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, 1989; 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, 7,720 microsiemens, Oct. 16; minimum, 84 microsiemens, Mar. 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	504	168	277	178	152	164	641	156	272	238	158	182
2	274	166	210	272	158	183	460	154	221	178	154	167
3	252	162	194	290	162	191	202	149	172	178	156	167
4	770	162	338	198	162	177	177	144	161	184	148	165
5	500	166	271	194	162	179	166	120	150	172	146	160
6	2160	172	606	192	164	178	170	133	152	190	152	164
7	788	172	332	212	164	183	203	137	164	188	150	163
8	252	172	205	202	162	181	---	---	---	172	144	157
9	188	152	171	194	156	174	---	---	---	180	146	160
10	256	154	183	290	152	188	718	174	282	222	146	167
11	1310	158	393	672	156	288	238	172	193	176	146	158
12	792	174	446	1010	158	361	542	166	259	172	140	153
13	2320	178	850	940	156	323	---	---	---	178	142	153
14	5030	192	1490	662	156	280	---	---	---	158	140	150
15	7010	204	1930	832	156	323	---	---	---	158	138	147
16	7720	228	2160	718	158	300	322	162	201	160	138	148
17	4670	234	1610	1450	164	420	854	168	318	160	136	147
18	1040	188	431	844	166	331	216	168	190	154	130	141
19	1130	182	417	1670	203	693	188	158	174	154	138	144
20	448	184	264	286	186	228	---	---	---	152	136	144
21	234	174	207	236	184	209	---	---	---	154	134	142
22	476	168	240	217	172	193	---	---	---	150	134	142
23	372	180	240	195	165	181	---	---	---	152	134	143
24	250	176	206	191	159	174	---	---	---	---	---	---
25	208	172	192	188	158	174	---	---	---	---	---	---
26	206	170	186	219	159	182	---	---	---	164	146	151
27	196	162	181	231	160	192	---	---	---	182	146	158
28	312	128	200	226	153	175	---	---	---	162	144	153
29	622	128	282	282	136	193	368	160	204	158	146	151
30	1770	170	490	669	155	264	214	158	178	166	144	153
31	190	128	167	---	---	---	240	158	182	166	144	152
MONTH	7720	128	496	1670	136	243	854	120	204	238	130	155

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	162	140	147	---	---	---	114	102	110	153	115	132
2	158	140	148	---	---	---	118	102	109	140	117	132
3	158	138	147	122	100	116	110	98	105	174	124	151
4	158	136	146	108	100	104	118	96	104	154	128	140
5	---	---	---	122	104	110	118	98	107	147	124	137
6	---	---	---	120	106	111	118	100	109	155	131	144
7	144	128	136	118	104	109	116	100	106	169	131	150
8	144	130	136	108	96	100	112	96	105	167	130	147
9	140	128	134	102	94	98	112	94	103	236	138	159
10	146	128	137	110	94	102	108	94	99	236	140	164
11	146	130	137	102	92	97	118	96	102	1450	144	312
12	144	124	134	100	90	95	124	94	105	1450	149	278
13	138	122	131	98	86	90	114	94	102	217	149	170
14	136	122	129	100	88	93	104	94	98	197	138	163
15	136	124	129	100	86	89	112	96	103	168	134	147
16	142	124	132	94	84	89	111	97	104	154	132	143
17	144	126	133	196	86	107	107	97	104	165	139	152
18	150	128	135	110	86	96	113	101	108	311	149	212
19	140	126	132	100	90	94	115	101	111	544	155	277
20	142	128	133	100	94	97	132	104	113	1090	170	425
21	138	124	131	100	86	94	132	104	112	1490	165	418
22	146	128	133	102	86	93	129	108	118	4140	185	963
23	140	130	135	102	86	94	153	113	126	1970	174	354
24	156	130	137	100	88	94	153	111	123	897	153	297
25	148	134	142	108	90	99	127	105	115	969	145	327
26	148	130	140	112	100	106	144	108	122	1440	148	330
27	144	130	139	114	96	107	158	108	125	1990	156	413
28	144	132	137	110	94	102	164	112	130	4840	237	1500
29	---	---	---	106	94	99	139	117	128	6440	186	1420
30	---	---	---	120	100	109	151	117	128	722	180	337
31	---	---	---	134	100	113	---	---	---	284	163	201
MONTH	162	122	137	196	84	100	164	94	111	6440	115	332
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	197	157	171	266	154	188	148	124	136	127	116	124
2	196	163	183	292	146	200	140	126	135	140	116	128
3	1780	170	497	208	140	170	144	130	137	130	112	122
4	438	168	278	190	140	165	148	134	142	129	117	123
5	246	168	183	190	140	160	148	130	142	129	113	122

LITTLE RIVER BASIN

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC

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

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

PERIOD OF DAILY RECORD.--

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

pH: February 1986 to September 1989 (discontinued).

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

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

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 208 microsiemens, Aug. 8, 1987; minimum, 46 microsiemens, May 6, 1987.

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

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

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 167 microsiemens, July 20, 21; minimum, 76 microsiemens, Aug. 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	114	98	105	106	92	99
2	---	---	---	---	---	---	108	96	102	110	94	103
3	---	---	---	---	---	---	106	94	99	114	100	108
4	---	---	---	---	---	---	102	92	97	116	96	110
5	---	---	---	---	---	---	102	94	99	118	102	111
6	---	---	---	---	---	---	102	88	96	118	96	108
7	---	---	---	---	---	---	102	92	95	118	100	108
8	---	---	---	---	---	---	102	94	98	118	96	106
9	---	---	---	---	---	---	102	90	96	122	100	109
10	---	---	---	---	---	---	96	86	92	122	98	109
11	---	---	---	---	---	---	96	86	91	124	94	112
12	---	---	---	---	---	---	98	90	93	130	100	114
13	---	---	---	---	---	---	96	80	91	122	104	111
14	---	---	---	---	---	---	96	88	94	128	98	110
15	---	---	---	---	---	---	104	90	96	112	100	106
16	---	---	---	---	---	---	98	88	93	116	106	111
17	---	---	---	---	---	---	102	88	95	124	108	116
18	---	---	---	---	---	---	100	90	95	136	114	126
19	124	106	117	---	---	---	102	92	96	142	114	131
20	122	112	117	---	---	---	102	90	96	148	116	133
21	120	112	116	---	---	---	106	94	98	144	122	131
22	122	112	116	---	---	---	108	92	100	144	114	130
23	122	112	116	---	---	---	108	96	102	146	104	125
24	134	114	122	---	---	---	112	90	100	128	104	116
25	128	118	122	---	---	---	100	84	93	130	102	116
26	124	114	119	---	---	---	102	86	94	128	104	119
27	124	118	120	---	---	---	102	86	95	136	114	125
28	---	---	---	---	---	---	106	90	97	144	118	135
29	---	---	---	---	---	---	104	92	97	148	122	135
30	---	---	---	110	96	103	102	90	97	---	---	---
31	---	---	---	110	96	105	---	---	---	---	---	---
MONTH	134	106	118	110	96	104	114	80	96	148	92	116

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, 24,900 microsiemens, May 29; minimum, 84 microsiemens, Mar. 13.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6600	198	1320	340	178	202	7910	184	1400	2640	188	491
2	3940	200	500	1620	182	362	7380	188	1100	810	182	296
3	1800	180	414	2370	186	417	3940	178	635	1400	182	391
4	6920	190	1130	912	184	269	2170	172	372	4180	168	540
5	5980	206	1000	1560	180	368	714	162	224	344	172	202
6	10800	212	1850	1750	184	368	1000	166	293	1940	172	359
7	11700	220	2170	572	190	238	3240	172	725	1480	170	303
8	860	184	310	384	186	218	2950	174	657	1160	168	271
9	1500	174	336	618	180	216	3730	176	803	1420	166	320
10	2460	172	423	2580	180	419	7890	182	1330	2110	158	409
11	3860	160	798	3930	184	554	3340	176	504	1460	168	308
12	5920	224	1030	2530	194	377	3270	174	886	1350	162	278
13	10200	220	1770	4850	184	541	10000	184	2430	1450	162	333
14	16600	220	3260	5390	186	883	8820	190	2230	542	166	222
15	19200	300	4470	1180	188	303	7400	178	1130	230	146	178
16	21800	440	5110	---	---	---	2740	168	579	810	150	234
17	12100	520	2760	---	---	---	9930	178	1690	344	152	201
18	8080	240	1250	---	---	---	5030	180	778	200	136	155
19	7200	200	1080	---	---	---	570	172	231	204	144	163
20	6980	230	1020	---	---	---	372	158	192	184	144	164
21	2280	206	387	---	---	---	414	152	185	182	142	161
22	2660	198	425	---	---	---	232	150	175	184	142	162
23	2940	128	447	---	---	---	634	156	229	198	144	160
24	2060	212	426	---	---	---	440	152	198	208	150	165
25	1560	200	329	---	---	---	342	154	186	222	150	166
26	2480	132	439	---	---	---	234	156	174	312	152	175
27	1020	190	302	---	---	---	978	154	272	1380	156	338
28	3760	140	675	3160	172	460	1810	160	434	830	150	227
29	7400	220	1220	3280	170	650	4260	188	827	184	148	160
30	10600	202	1800	7780	178	1400	3080	188	552	200	150	167
31	360	180	219	---	---	---	3040	172	548	200	152	167
MONTH	21800	128	1250	7780	170	458	10000	150	709	4180	136	254

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 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	194	150	162	212	124	150	188	140	160	972	130	220
2	---	---	---	222	118	147	184	134	161	623	135	224
3	---	---	---	162	94	121	178	126	150	3780	155	935
4	---	---	---	122	94	104	158	126	144	1910	146	334
5	---	---	---	124	98	108	166	128	151	697	139	231
6	---	---	---	132	102	120	162	126	143	1220	142	345
7	---	---	---	130	100	116	156	118	133	1340	138	324
8	159	135	144	126	90	104	166	124	146	713	131	225
9	152	130	140	122	92	101	164	126	145	3570	140	608
10	175	129	145	124	94	101	156	116	134	3970	141	666
11	162	132	145	142	94	109	144	108	125	10500	155	1590
12	175	129	141	150	90	111	150	116	130	10100	146	1310
13	176	120	135	126	84	103	150	108	128	5330	155	770
14	179	119	133	128	86	100	134	108	118	4750	140	533
15	168	120	133	128	88	99	156	114	123	1020	127	229
16	157	119	132	108	88	94	134	114	123	359	123	165
17	166	122	134	106	88	98	134	118	125	1000	138	306
18	152	121	131	108	90	97	144	120	130	7360	153	1730
19	155	119	129	124	92	98	---	---	---	10600	172	2980
20	142	118	128	128	98	106	---	---	---	14600	196	4180
21	145	115	126	128	100	107	---	---	---	15800	205	4300
22	---	---	---	134	102	115	---	---	---	22000	238	6290
23	---	---	---	140	110	122	---	---	---	11600	199	3180
24	164	118	134	132	110	119	---	---	---	9080	166	1500
25	---	---	---	138	106	121	---	---	---	10500	163	1640
26	206	128	151	256	114	146	---	---	---	11900	162	1870
27	228	128	159	218	118	162	---	---	---	16300	178	2620
28	228	128	159	196	114	144	---	---	---	18800	391	7240
29	---	---	---	172	112	138	1410	127	252	24900	276	5840
30	---	---	---	188	138	159	1300	127	259	13300	247	2800
31	---	---	---	270	128	167	---	---	---	13900	234	3050
MONTH	228	115	140	270	84	119	1410	108	149	24900	123	1880
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	4790	205	759	635	199	265	560	162	212	146	112	125
2	3380	187	575	501	207	254	2020	152	326	512	118	161
3	12700	198	2790	239	198	217	376	152	188	256	122	143
4	8860	217	2300	220	200	210	430	156	187	348	116	157
5	3930	193	728	234	195	205	730	156	206	406	118	169
6	6670	188	1050	209	199	204	1820	152	370	276	112	147
7	6230	186	1110	3350	166	543	1290	148	329	192	106	128
8	8290	177	1380	2070	172	411	1280	152	319	198	104	125
9	18400	211	3600	2490	170	433	1100	150	266	422	108	147
10	17100	242	4160	4380	172	604	532	144	193	284	108	135
11	12900	205	1740	5020	178	762	262	136	167	444	110	145
12	8160	185	1040	5020	180	1010	336	140	171	824	114	185
13	5430	176	830	6110	190	1190	808	140	220	506	118	164
14	3600	175	666	5270	194	1190	1360	140	277	816	122	192
15	1470	169	388	3680	182	821	1270	140	273	2650	128	486
16	656	165	260	5930	178	1030	2480	138	496	3770	132	625
17	390	166	200	9180	186	2030	3110	146	569	1500	136	379
18	676	168	238	9870	184	1930	2970	152	563	794	130	249
19	853	173	240	14900	194	3580	3880	154	732	1570	138	417
20	200	179	187	18700	234	5210	2360	154	494	1900	142	405
21	260	184	194	11900	198	2730	800	144	244	528	136	200
22	208	188	198	9800	188	1930	440	144	209	320	138	169
23	337	196	227	9810	186	1780	478	140	212	290	124	158
24	298	201	227	9240	180	1150	390	134	178	566	126	191
25	292	208	221	5330	166	537	226	128	157	180	122	135
26	426	202	244	840	154	256	172	128	139	166	118	127
27	365	200	226	390	156	211	150	122	131	160	114	125
28	461	200	237	378	158	212	140	122	130	172	112	135
29	220	196	206	334	158	202	148	118	128	310	106	133
30	712	199	249	292	160	184	140	118	130	184	100	117
31	---	---	---	266	162	183	148	114	129	---	---	---
MONTH	18400	165	882	18700	154	1020	3880	114	269	3770	100	206
YEAR	24900	84	649									

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, 58 microsiemens, Oct. 15, 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, July 8 - 10, 1993; 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, 51,800 microsiemens, May 24; minimum, 82 microsiemens, Mar. 13.

WATER TEMPERATURE: Maximum, 32.5°C, July 19; minimum, 5.0°C, Jan. 21 - 23.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Jan. 10; minimum, 2.6 mg/L, Aug. 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	31000	2140	15900	11900	86	3180	34800	1300	14800	28100	450	7520
2	28200	2210	13400	26400	335	8040	35000	1050	13500	18800	412	5360
3	26600	824	11500	25500	439	7860	29800	682	10100	23300	704	8150
4	33400	428	15200	21100	472	7320	26600	692	8860	33400	188	8480
5	32200	2400	16400	23100	649	8150	24400	210	4300	11700	212	3110
6	36400	5910	21400	21600	635	7990	23100	688	6870	24600	322	6090
7	36100	5950	20900	23700	1030	8930	25600	1190	11100	22200	298	4680
8	29300	564	13500	21800	628	9360	28800	694	11400	22900	262	5010
9	22400	360	7510	21300	540	8070	32100	694	12500	23100	262	6110
10	26100	602	9900	28700	465	10600	37100	960	14300	26700	162	8690
11	36100	1370	16700	36400	915	16400	28800	594	8130	26300	348	6230
12	37200	6420	20100	38800	1900	17100	38900	332	13300	27400	272	4620
13	40600	6640	24400	39700	969	15600	43300	1310	20000	27500	200	6040
14	43500	9540	27900	37600	548	13300	43500	1690	21100	17100	304	3880
15	46300	6520	29800	39100	508	13300	38700	1610	14600	8060	148	1390
16	48100	10800	32200	35500	597	12900	33400	482	10800	17600	182	3550
17	45200	9960	28700	36100	1460	15700	37600	3340	17500	11000	270	3290
18	43400	1410	19500	33400	1160	15500	30500	2160	13900	2090	126	550
19	40900	1300	18300	37700	9560	22700	23900	892	8340	4980	118	821
20	35700	1770	16200	28800	1640	13700	20600	576	6510	5760	172	1350
21	27700	790	11100	27900	2720	14300	19000	310	4100	5420	124	881
22	32100	666	11400	25700	572	10100	11900	316	4210	9890	128	1990
23	30800	5330	16500	22900	558	8660	19500	348	5210	10200	152	2150
24	28200	2360	14600	24200	1010	9720	19600	326	5840	8310	168	1590
25	26000	1750	12600	24700	758	11400	16000	400	3960	8130	146	1560
26	27800	1700	11000	29800	2280	14500	9800	266	3170	9470	164	2070
27	23400	606	9490	32900	2700	16600	20900	568	6410	25900	182	6290
28	29400	1740	14200	28000	626	10300	24900	434	7550	27000	366	4690
29	33100	900	17600	30300	372	10400	30700	626	10600	5800	156	1100
30	40300	2240	16300	34600	1030	14600	27000	720	11000	7950	152	1410
31	8090	100	2700	---	---	---	28700	544	9100	7180	134	1050
MONTH	48100	100	16700	39700	86	11900	43500	210	10100	33400	118	3860

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1330	122	442	9740	100	3970	2680	130	592	19000	212	3260
2	1770	122	360	5650	113	1110	2790	120	509	11000	252	3560
3	4200	112	484	318	93	126	1530	118	300	20600	1330	10100
4	1720	112	324	271	88	119	1270	122	373	18000	274	6270
5	5720	112	603	534	90	184	5010	122	1020	14900	274	4500
6	9430	106	1380	2120	97	269	2200	124	639	18000	506	6450
7	3900	118	801	332	98	139	826	122	321	19800	336	5610
8	8050	114	868	161	90	103	3010	140	563	14500	284	3900
9	724	112	301	220	85	108	1100	120	330	24400	500	7140
10	6220	118	965	164	87	99	488	110	181	24700	630	8300
11	3670	158	719	103	83	95	190	106	128	32200	1300	12000
12	3430	128	672	119	88	98	298	108	150	26500	714	11900
13	1790	138	427	101	82	92	292	108	144	25000	1570	9940
14	936	114	260	100	84	90	1720	108	233	25000	362	6640
15	936	120	294	98	86	90	1720	108	234	17800	222	3250
16	586	112	219	101	88	94	670	112	181	11600	246	2550
17	1500	116	345	98	90	94	696	118	255	15100	406	5780
18	1270	112	290	108	93	99	1920	124	625	27700	1920	13900
19	5290	112	753	109	97	103	4320	134	851	31200	4180	18100
20	7830	122	1090	114	104	109	1210	100	349	35100	8020	19900
21	9970	122	1570	140	105	115	3980	100	1030	41200	5450	21400
22	---	---	---	246	116	184	6090	164	2230	47400	8300	26600
23	---	---	---	474	190	318	9980	238	4510	51800	1910	24400
24	---	---	---	592	460	535	9880	212	4120	---	---	---
25	---	---	---	598	532	567	11900	150	3260	---	---	---
26	9370	1450	5640	---	---	---	10200	202	3670	---	---	---
27	9600	1880	5430	15600	100	2390	11600	244	3590	50100	1550	17100
28	9790	3070	7000	3560	146	1180	23400	238	4240	50100	14000	31000
29	---	---	---	8910	120	1060	23400	216	3710	46500	5880	24600
30	---	---	---	10100	140	1090	20800	232	3820	---	---	---
31	---	---	---	10100	100	1440	---	---	---	---	---	---
MONTH	9970	106	1300	15600	82	536	23400	100	1410	51800	212	11900
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24800	778	10500	22000	644	8350	17400	166	3420	9050	124	1420
2	22800	92	7600	21800	590	8460	21500	100	5650	15600	118	2750
3	34300	244	13700	17800	388	6890	12300	100	4130	12100	190	3200
4	28200	2570	16800	19300	422	5500	12600	182	2780	17900	212	4240
5	23700	976	11600	14500	100	4050	13400	202	3110	17100	278	5150
6	28400	102	4970	8620	330	2290	25300	224	5160	14400	292	3750
7	30500	360	8180	21500	100	5590	31600	434	8460	11500	210	2880
8	23000	764	9880	17300	368	5180	23200	646	7950	---	---	---
9	34300	4270	16200	17800	312	4470	20600	494	7150	---	---	---
10	30900	5810	19000	17200	532	5250	11800	266	3990	10800	186	2620
11	27000	1380	13300	24500	678	7340	8700	230	2460	13200	168	2820
12	27700	704	9620	24500	850	9160	9340	238	2610	17700	178	3630
13	27700	794	8820	21500	1060	6760	12400	194	3370	13700	200	3190
14	26900	708	7920	24200	1220	9420	13800	234	4250	14300	180	3240
15	18100	510	5970	18600	940	6990	20600	212	4060	23900	358	6550
16	12800	424	4310	15400	504	7050	22700	202	5620	40700	706	9290
17	12300	276	4020	26300	1320	11000	21400	450	7010	16800	572	7290
18	24300	290	6220	---	---	---	26900	410	6850	19300	322	5120
19	29700	314	7680	40500	1130	16400	27500	506	7840	19500	366	6880
20	33900	318	8510	30200	3550	18600	26700	376	7660	19200	1030	8140
21	37800	412	11000	32500	1260	15300	12100	276	3890	15900	408	5250
22	37800	696	13100	34000	872	13800	10700	248	3530	10800	320	3470
23	41900	1250	15700	33300	1120	13500	9240	344	3610	6420	200	2370
24	36200	694	13500	28800	740	11400	9220	234	2790	13800	268	4030
25	34500	610	10400	20300	414	6850	9220	186	1830	5890	196	1820
26	34500	968	11300	16400	260	3670	4530	138	1090	7240	146	1810
27	43100	606	12900	9150	218	2550	3930	120	798	5850	134	1560
28	26600	908	9650	8330	250	2920	7750	130	1630	7110	94	1800
29	22200	1030	8610	9920	236	2860	6220	130	1470	13900	146	3700
30	21100	1500	9790	9320	192	2360	6760	122	1340	11300	166	3020
31	---	---	---	9070	156	2210	5980	130	1510	---	---	---
MONTH	43100	92	10400	40500	100	7540	31600	100	4100	40700	94	3960
YEAR	51800	82	7040									

LITTLE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.0	22.5	23.5	---	---	---	13.5	12.5	13.0	8.0	7.0	7.5
2	24.0	22.5	23.0	16.0	15.0	16.0	13.5	12.5	13.0	9.0	7.0	7.5
3	24.5	23.0	23.5	15.5	15.0	15.5	13.5	12.5	13.0	8.5	8.0	8.5
4	25.0	23.5	24.0	16.5	15.0	15.5	14.0	13.0	13.5	9.0	8.0	8.5
5	25.0	24.0	24.5	16.5	16.0	16.0	14.5	13.5	14.0	9.0	6.5	7.5
6	24.5	23.0	24.0	17.0	16.0	16.5	14.0	13.5	14.0	8.5	6.5	8.0
7	23.5	22.5	23.0	16.5	16.0	16.0	14.0	13.0	13.5	10.0	6.5	8.5
8	23.0	22.5	22.5	16.0	15.0	15.5	13.5	13.0	13.5	11.0	9.5	10.0
9	24.0	22.5	23.0	15.5	14.5	15.0	13.5	12.5	13.0	10.0	7.5	9.0
10	24.5	23.0	23.5	15.0	14.5	14.5	13.0	12.5	13.0	9.0	7.0	8.0
11	23.5	21.0	22.5	15.0	13.5	14.5	13.0	11.5	12.5	8.5	7.5	8.0
12	22.0	20.5	21.5	15.0	14.0	14.5	11.5	10.0	11.0	9.5	8.0	8.5
13	22.0	20.5	21.0	15.5	14.0	15.0	10.5	9.0	10.0	9.0	9.0	9.0
14	21.5	20.5	21.0	16.5	15.0	16.0	10.0	9.5	9.5	9.5	9.0	9.0
15	21.5	20.5	21.0	18.0	16.0	17.0	10.0	9.5	9.5	9.0	8.0	8.5
16	21.0	20.5	21.0	19.0	17.0	17.5	10.0	9.5	9.5	8.0	6.5	7.0
17	21.5	21.0	21.0	19.5	18.0	18.5	11.0	10.0	10.0	7.5	6.0	6.5
18	22.5	21.0	21.5	19.5	18.5	19.0	11.0	9.5	10.5	8.0	7.0	7.5
19	23.0	21.5	22.0	19.0	18.5	18.5	11.0	10.5	10.5	7.5	6.0	6.5
20	23.5	22.0	22.5	18.5	18.0	18.5	11.0	10.5	10.5	6.5	5.5	6.0
21	---	---	---	18.0	16.5	17.0	11.5	10.5	11.0	6.0	5.0	5.5
22	---	---	---	17.0	16.0	16.0	11.0	10.5	10.5	6.0	5.0	5.5
23	23.0	21.0	22.0	16.5	15.0	16.0	10.5	9.5	10.0	6.0	5.0	5.5
24	21.5	20.0	21.0	16.5	15.0	15.5	10.0	9.5	9.5	6.5	5.5	6.0
25	21.0	20.0	20.5	15.5	14.5	15.5	10.0	8.5	9.0	7.5	6.0	6.5
26	21.0	20.0	20.5	15.5	14.5	15.0	9.0	7.5	8.5	7.5	7.0	7.0
27	20.5	19.5	20.0	15.5	15.0	15.5	9.5	7.5	8.0	8.0	7.0	7.5
28	21.0	20.0	20.5	16.0	15.0	15.5	9.5	8.5	9.0	9.0	8.0	8.5
29	20.0	19.5	20.0	15.0	14.0	15.0	9.5	9.0	9.0	9.0	8.5	9.0
30	---	---	---	14.5	13.5	14.0	9.0	7.0	8.0	9.0	9.0	9.0
31	---	---	---	---	---	---	8.5	7.5	8.0	9.0	8.5	9.0
MONTH	25.0	19.5	22.0	19.5	13.5	16.0	14.5	7.0	10.9	11.0	5.0	7.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.5	9.0	14.0	13.0	13.5	---	---	---	25.5	24.0	24.5
2	9.0	8.5	9.0	14.0	13.5	14.0	19.0	17.5	18.5	24.5	23.0	23.5
3	9.0	8.0	8.5	13.5	12.5	13.0	19.0	17.0	18.5	23.0	22.0	22.0
4	9.0	8.0	8.5	13.5	12.0	12.5	19.5	18.5	19.0	22.0	21.5	22.0
5	9.0	8.5	8.5	13.5	12.5	13.0	20.0	18.5	19.0	21.5	20.5	21.0
6	9.0	8.5	9.0	14.0	13.0	13.5	20.5	19.0	20.0	22.0	20.5	21.5
7	10.0	8.5	9.0	15.0	13.5	14.5	21.0	18.5	20.0	23.0	21.0	22.0
8	10.0	9.0	9.5	16.5	14.5	15.5	---	---	---	23.0	22.0	22.5
9	11.5	9.5	10.5	17.0	16.0	16.5	---	---	---	23.0	22.0	22.5
10	11.0	10.0	10.5	17.5	16.5	17.0	21.0	19.0	20.0	23.0	22.5	22.5
11	10.0	10.0	10.0	17.0	16.0	16.5	22.0	20.0	21.0	24.0	22.0	23.0
12	10.0	9.5	9.5	16.5	15.5	16.0	22.0	20.5	21.0	24.5	23.0	24.0
13	10.5	9.5	10.0	15.5	14.5	15.0	22.0	21.0	21.5	24.5	23.5	24.0
14	10.5	9.5	10.0	15.5	14.5	15.0	23.0	21.0	21.5	24.5	23.0	24.0
15	10.5	9.5	10.0	16.0	14.5	15.0	22.5	21.5	22.0	25.5	24.0	24.5
16	11.0	9.5	10.5	16.0	15.0	15.0	23.0	21.5	22.0	26.0	24.0	25.0
17	11.0	10.0	10.5	15.5	14.5	15.0	22.5	21.5	22.0	26.0	24.5	25.0
18	11.5	10.0	10.5	---	---	---	22.5	21.0	22.0	25.0	23.5	24.5
19	12.0	10.5	11.0	---	---	---	23.0	21.5	22.0	24.5	23.0	23.5
20	13.0	11.5	12.0	17.0	14.5	15.5	23.5	22.0	23.0	23.5	22.0	22.5
21	13.5	13.0	13.0	17.0	15.5	16.5	24.0	23.0	23.5	22.5	20.5	21.5
22	---	---	---	18.0	16.5	17.0	24.0	21.5	23.5	22.5	20.5	21.5
23	---	---	---	17.5	16.0	17.0	---	---	---	23.5	20.5	22.5
24	---	---	---	19.0	17.5	18.0	---	---	---	---	---	---
25	---	---	---	19.0	18.5	18.5	23.5	22.5	23.0	---	---	---
26	14.0	11.5	12.5	---	---	---	24.0	22.5	23.0	---	---	---
27	14.0	13.0	13.5	---	---	---	24.5	22.5	23.5	25.5	24.0	25.0
28	14.0	12.5	13.0	20.5	18.5	19.0	24.5	23.0	23.5	25.0	24.0	24.5
29	---	---	---	20.5	18.5	19.5	25.0	23.0	24.0	25.5	23.5	24.5
30	---	---	---	---	---	---	25.5	23.5	24.5	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	14.0	8.0	10.3	20.5	12.0	15.7	25.5	17.0	21.7	26.0	20.5	23.2

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	8.6	6.3	7.7	10.3	8.5	9.8
2	7.0	4.9	6.2	8.9	5.9	7.7	8.9	6.4	7.9	10.2	8.5	9.7
3	6.4	4.7	6.0	9.1	6.1	7.9	8.9	6.5	7.9	10.1	8.6	9.8
4	6.3	4.3	5.7	8.5	6.0	7.7	---	---	---	10.2	8.8	9.8
5	6.1	4.8	5.5	8.3	5.9	7.5	---	---	---	10.1	8.6	9.8
6	5.9	4.5	5.2	8.3	5.9	7.5	---	---	---	10.2	8.1	9.7
7	5.5	4.5	5.2	8.6	6.1	7.6	---	---	---	10.2	9.1	9.8
8	5.9	4.7	5.5	8.5	6.1	7.8	9.3	5.8	7.5	10.2	8.6	9.8
9	6.1	4.7	5.7	8.8	6.4	8.0	8.2	5.8	7.0	10.1	8.6	9.7
10	6.1	5.0	5.7	8.8	6.2	8.0	8.2	5.7	7.0	10.4	8.2	9.7
11	---	---	---	9.1	6.5	8.2	8.1	5.9	7.0	10.3	8.1	9.7
12	---	---	---	9.3	7.1	8.4	8.4	6.2	7.3	10.0	8.4	9.4
13	---	---	---	9.2	6.7	8.4	---	---	---	9.7	7.9	9.2
14	---	---	---	9.4	6.8	8.4	---	---	---	9.4	7.9	9.1
15	---	---	---	9.1	6.6	8.1	---	---	---	9.7	8.1	9.1
16	7.0	3.7	6.2	8.7	6.4	7.9	9.3	8.2	8.9	10.0	7.9	9.3
17	6.4	4.0	6.0	8.7	6.4	7.7	9.6	8.4	9.1	9.8	8.0	9.3
18	6.9	4.9	6.4	8.9	5.2	7.6	9.4	8.5	9.1	9.7	8.1	9.3
19	7.7	5.7	7.2	8.2	5.2	6.9	9.3	8.2	8.9	9.7	8.1	9.3
20	7.2	5.0	6.6	7.8	4.9	6.8	9.2	8.3	8.9	9.6	7.7	9.2
21	---	---	---	9.1	6.2	7.9	9.2	8.1	8.9	9.7	8.1	9.3
22	---	---	---	9.5	6.6	8.4	9.1	7.9	8.8	9.8	7.9	9.4
23	7.5	4.0	6.6	9.2	6.8	8.3	9.2	8.2	8.9	9.9	8.1	9.5
24	8.0	4.5	6.8	9.1	6.3	8.0	9.3	8.1	9.0	10.0	8.2	9.5
25	8.6	5.2	7.3	8.9	6.3	8.0	9.4	8.4	9.1	9.9	8.4	9.6
26	9.2	5.1	7.7	8.8	6.3	7.9	9.9	8.6	9.4	9.7	7.6	8.8
27	9.6	6.0	8.3	8.5	5.9	7.7	10.1	8.4	9.6	9.2	8.0	8.8
28	8.7	6.1	7.6	8.2	5.9	7.5	10.1	8.5	9.6	10.0	7.8	8.9
29	7.6	6.1	6.9	8.8	5.9	7.4	10.1	8.5	9.6	9.8	7.7	9.2
30	7.8	6.0	7.0	8.0	5.8	7.3	10.1	8.8	9.7	9.6	8.4	9.4
31	---	---	---	---	---	---	10.2	8.9	9.8	9.6	8.1	9.2
MONTH	9.6	3.7	6.4	9.5	4.9	7.8	10.2	5.7	8.6	10.4	7.6	9.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.2	7.5	8.7	7.5	6.3	7.1	5.9	4.5	5.5	6.6	6.0	6.3
2	9.1	6.5	7.8	7.5	6.9	7.3	6.0	4.5	5.7	6.8	6.2	6.5
3	8.9	7.1	7.9	7.5	5.7	7.1	6.0	5.5	5.8	7.1	6.4	6.8
4	9.0	6.7	8.3	7.3	6.4	6.9	6.0	5.4	5.9	7.2	6.6	7.0
5	8.7	7.1	8.1	6.8	6.3	6.6	6.0	5.4	5.9	7.1	6.5	7.0
6	8.9	7.6	8.5	6.9	6.4	6.7	6.1	5.4	5.9	7.3	6.8	7.1
7	8.9	7.7	8.5	7.0	6.4	6.7	6.3	5.7	6.0	7.6	7.0	7.3
8	8.8	7.6	8.5	6.7	6.2	6.4	6.0	4.8	5.3	7.7	7.1	7.4
9	9.1	7.9	8.6	6.5	6.1	6.3	6.4	5.1	6.0	7.6	7.0	7.4
10	9.1	7.7	8.4	6.6	5.9	6.3	6.5	6.0	6.2	7.6	6.8	7.4
11	9.1	7.4	8.4	6.4	4.7	6.0	6.2	5.2	5.9	8.0	6.9	7.5
12	9.0	7.7	8.5	6.3	5.4	5.9	6.0	4.8	5.8	7.9	7.1	7.6
13	8.7	7.0	8.1	6.1	5.4	5.8	6.1	5.5	5.7	8.2	7.4	7.9
14	8.3	7.2	8.0	6.1	4.8	5.7	5.7	5.1	5.5	8.2	7.6	7.9
15	8.2	7.1	7.8	6.1	5.1	5.6	5.4	4.6	5.2	8.2	7.5	7.8
16	8.1	7.1	7.6	6.2	5.1	5.7	5.7	5.0	5.3	8.0	7.2	7.7
17	8.2	6.7	7.5	6.1	5.4	5.7	5.8	4.9	5.4	7.7	6.5	7.4
18	8.3	7.0	7.9	6.5	5.4	5.9	5.8	5.2	5.6	8.1	7.1	7.5
19	8.4	7.4	8.1	6.2	5.6	6.0	5.8	5.2	5.6	8.3	7.3	7.7
20	8.5	7.8	8.2	6.3	5.6	6.0	5.8	5.0	5.4	8.5	7.0	7.9
21	8.4	7.5	8.0	6.1	5.3	5.7	5.8	5.3	5.5	8.6	7.4	8.0
22	---	---	---	6.0	5.3	5.8	5.7	5.2	5.5	8.6	7.4	8.1
23	---	---	---	5.8	5.5	5.7	---	---	---	8.5	7.5	8.0
24	---	---	---	5.8	5.2	5.6	---	---	---	---	---	---
25	---	---	---	6.1	5.4	5.8	6.4	5.6	6.1	---	---	---
26	7.4	6.1	7.1	6.3	4.8	5.7	6.7	6.0	6.2	---	---	---
27	7.7	6.1	7.2	6.7	5.0	6.0	6.7	5.9	6.3	7.9	6.6	7.5
28	7.7	6.2	7.2	6.7	5.3	6.3	6.7	6.2	6.4	8.1	6.5	7.4
29	---	---	---	6.4	5.0	6.1	6.7	5.9	6.3	8.0	6.3	7.3
30	---	---	---	6.1	4.6	5.6	6.7	6.0	6.4	---	---	---
31	---	---	---	6.3	4.3	5.3	---	---	---	---	---	---
MONTH	9.2	6.1	8.0	7.5	4.3	6.1	6.7	4.5	5.8	8.6	6.0	7.4

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.1	5.6	7.0	4.6	3.1	3.9	6.2	3.8	5.1	5.3	4.2	4.9
2	9.5	6.1	7.7	4.7	2.8	4.0	6.4	3.2	5.2	5.2	3.8	4.7
3	8.1	5.9	7.1	---	---	---	5.6	3.7	4.9	5.1	4.1	4.8
4	8.0	5.3	7.0	---	---	---	4.9	2.6	4.3	5.6	4.3	5.2
5	8.7	5.5	7.2	---	---	---	4.9	3.1	4.2	5.8	4.7	5.4
6	8.4	5.8	7.3	---	---	---	5.0	3.1	4.2	5.5	4.9	5.3
7	8.3	5.7	7.1	---	---	---	5.7	3.2	4.7	5.3	4.8	5.1
8	8.6	5.5	7.0	7.3	3.7	5.6	5.8	4.3	5.1	---	---	---
9	7.6	5.0	6.7	6.7	4.1	5.7	5.9	3.8	5.2	---	---	---
10	7.4	5.2	6.5	6.7	4.8	5.7	5.9	4.0	5.3	5.4	4.8	5.1
11	7.6	4.7	6.6	6.3	4.1	5.4	6.1	4.0	5.3	5.4	4.9	5.1
12	8.2	4.8	6.8	7.0	4.3	5.6	5.7	4.1	5.1	5.3	4.8	5.1
13	8.4	4.8	6.8	---	---	---	5.7	3.8	5.1	5.5	4.9	5.3
14	8.7	6.0	7.1	---	---	---	5.5	3.6	5.1	5.7	5.0	5.3
15	8.6	5.5	7.3	7.9	4.1	6.7	5.7	4.1	5.2	5.8	5.0	5.4
16	8.6	5.6	7.5	7.4	4.6	5.9	5.7	4.3	5.2	5.7	4.7	5.4
17	8.0	4.2	6.3	7.6	4.1	6.0	6.0	3.3	5.1	5.8	5.1	5.4
18	6.4	4.0	5.6	---	---	---	7.8	3.7	5.4	5.7	5.2	5.5
19	6.8	3.7	5.5	7.7	3.4	5.4	7.6	4.3	5.2	5.9	5.2	5.6
20	6.8	3.8	5.4	6.6	3.0	4.9	5.8	4.1	5.0	5.8	4.9	5.6
21	6.9	3.6	5.4	6.7	3.0	5.1	6.3	4.6	5.5	6.0	5.1	5.7
22	7.1	4.0	5.3	6.9	2.7	5.3	5.8	4.4	5.3	5.9	5.1	5.7
23	6.5	3.8	5.1	7.0	2.7	5.4	5.6	4.4	5.2	5.8	5.0	5.6
24	6.3	3.3	5.0	7.8	3.6	5.6	5.7	4.3	5.2	5.7	5.0	5.4
25	6.0	3.6	4.8	8.2	4.5	6.3	5.6	4.3	5.2	5.9	5.1	5.5
26	5.9	3.6	4.7	8.4	4.0	6.7	5.5	4.4	5.1	5.6	4.8	5.4
27	6.1	3.6	5.0	7.1	4.6	6.1	5.3	4.5	5.0	5.6	4.6	5.2
28	5.9	4.3	5.2	7.1	4.1	5.9	5.2	4.1	5.0	5.4	4.1	5.0
29	5.1	2.9	3.6	6.7	4.4	5.8	5.4	4.7	5.1	5.3	4.3	4.9
30	4.9	3.0	3.6	6.7	3.5	5.5	5.4	4.7	5.0	5.0	4.4	4.8
31	---	---	---	6.1	4.4	5.3	5.6	4.5	5.2	---	---	---
MONTH	9.5	2.9	6.1	8.4	2.7	5.6	7.8	2.6	5.1	6.0	3.8	5.3
YEAR	10.4	2.6	6.8									

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, 202 microsiemens, Aug. 11; minimum, 71 microsiemens, Mar. 16.

WATER TEMPERATURE: Maximum, 31.5°C, July 17; minimum, 4.0°C, Jan. 22, 23.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Jan. 24; minimum, 2.6 mg/L, Sept. 11, 12, 14, 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	146	139	143	129	119	123	141	133	137	128	121	124
2	146	141	144	128	119	123	143	136	139	125	120	122
3	152	142	145	127	120	123	141	136	139	124	119	121
4	159	143	147	127	120	123	141	135	139	127	118	121
5	158	146	152	125	121	123	138	133	136	132	125	129
6	168	149	157	125	121	123	136	132	135	131	121	125
7	168	156	162	122	117	121	136	133	134	126	117	122
8	167	155	162	121	117	119	136	133	134	125	116	122
9	162	149	155	121	118	120	142	132	136	123	113	119
10	161	150	154	120	117	119	144	135	140	121	111	115
11	162	149	155	119	115	117	142	135	137	117	112	114
12	161	154	158	119	116	118	137	130	133	118	113	114
13	162	154	157	120	117	118	134	125	129	116	112	114
14	162	149	155	126	119	120	129	123	126	115	111	113
15	160	148	153	129	120	123	126	122	124	119	114	117
16	159	150	155	133	120	124	128	125	127	121	114	118
17	157	146	152	135	123	126	127	124	125	119	114	116
18	152	141	145	131	124	127	126	124	125	122	116	119
19	152	138	143	134	124	130	126	125	125	124	121	122
20	151	137	142	132	127	129	127	124	126	125	122	123
21	150	135	139	136	126	131	126	123	125	125	122	124
22	156	133	138	136	130	133	126	124	125	129	118	125
23	158	138	148	138	131	134	127	125	125	132	120	128
24	160	150	154	139	132	136	127	125	126	134	123	129
25	159	149	154	141	133	137	128	125	126	130	116	126
26	159	147	153	143	135	140	132	126	129	131	116	126
27	154	144	148	143	138	141	132	126	129	131	112	122
28	150	142	146	143	135	140	131	126	129	124	107	116
29	155	143	149	138	131	135	130	126	128	135	116	127
30	161	143	152	139	130	135	128	125	127	136	131	134
31	150	126	138	---	---	---	128	122	126	134	130	133
MONTH	168	126	150	143	115	127	144	122	130	136	107	122

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	135	131	134	117	101	114	83	77	80	86	83	85
2	133	123	129	116	100	107	80	77	78	87	84	85
3	125	118	122	104	86	97	80	77	79	90	85	88
4	119	116	118	95	88	92	82	78	80	89	85	87
5	117	113	116	92	87	90	82	79	80	85	83	84
6	117	112	116	88	83	86	82	79	80	93	84	87
7	118	111	116	86	81	83	81	79	80	107	86	90
8	117	110	116	83	81	82	82	77	80	107	89	95
9	116	113	115	83	81	82	81	77	79	98	89	95
10	114	108	111	83	81	82	82	77	79	98	94	96
11	111	106	109	82	72	76	81	78	79	99	95	97
12	111	110	110	75	72	73	82	78	80	103	96	99
13	113	110	111	77	73	75	82	78	80	104	97	101
14	113	111	112	76	73	74	82	78	80	106	100	103
15	114	111	113	75	72	74	81	78	80	110	101	104
16	114	113	114	75	71	73	81	79	81	138	101	114
17	115	113	114	77	72	74	84	79	81	124	101	110
18	115	112	114	79	73	75	88	80	83	113	103	107
19	116	107	114	78	74	76	86	81	84	108	104	106
20	116	106	114	83	76	79	86	82	83	109	105	107
21	117	106	115	84	78	81	85	81	83	116	104	108
22	116	107	114	84	79	81	84	78	81	134	111	118
23	120	104	112	83	77	80	82	80	81	197	112	148
24	116	107	113	83	78	81	81	79	80	198	100	154
25	115	106	113	84	78	80	82	79	80	193	102	144
26	115	102	111	80	77	78	82	79	80	183	101	140
27	115	106	112	85	77	80	83	80	82	198	101	150
28	114	104	111	85	80	81	82	80	81	192	102	145
29	---	---	---	82	78	80	83	80	82	191	110	141
30	---	---	---	81	77	79	84	81	83	187	109	147
31	---	---	---	84	78	80	---	---	---	170	109	142
MONTH	135	102	115	117	71	82	88	77	81	198	83	112
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	199	103	151	199	101	157	191	106	135	121	87	95
2	192	103	151	199	100	161	198	104	155	91	88	90
3	196	101	146	194	102	136	198	106	159	90	88	89
4	190	101	153	199	103	149	194	103	142	91	89	90
5	199	101	159	183	100	142	176	102	143	92	90	91
6	199	102	154	196	100	142	177	111	138	94	91	92
7	190	107	148	198	102	148	198	105	166	93	90	92
8	193	102	146	198	113	141	198	116	174	95	92	93
9	198	102	139	195	100	146	199	100	153	97	93	94
10	199	104	154	197	104	149	198	100	154	99	94	96
11	199	107	158	190	102	150	202	96	120	104	97	100
12	194	100	165	190	106	147	129	95	104	106	101	103
13	195	100	126	198	106	142	124	96	105	106	103	105
14	192	101	135	199	100	138	119	98	110	108	104	106
15	185	101	135	199	100	138	119	102	111	110	100	107
16	197	100	152	199	110	153	118	102	109	108	102	105
17	199	101	156	195	106	149	123	104	112	107	103	105
18	199	101	139	198	106	152	116	104	112	109	103	106
19	193	106	138	194	104	156	127	105	110	106	102	104
20	194	104	162	194	142	163	117	106	111	103	99	101
21	198	101	136	195	101	138	118	106	111	102	100	101
22	197	111	138	197	103	153	134	105	113	103	101	102
23	189	105	141	189	104	159	112	103	106	104	99	102
24	199	124	151	195	100	150	105	102	104	103	98	101
25	166	103	133	196	100	145	104	99	102	102	98	101
26	199	100	134	199	100	150	110	94	101	101	93	97
27	197	103	157	192	128	150	118	91	100	96	86	91
28	199	101	167	197	122	162	107	85	94	88	84	86
29	199	102	152	194	115	158	117	85	94	87	83	85
30	197	109	162	180	128	151	110	86	91	87	82	85
31	---	---	---	188	101	134	100	86	89	---	---	---
MONTH YEAR	199 202	100 71	148 120	199	100	149	202	85	120	121	82	97

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	17.0	16.0	16.5	13.5	13.0	13.5	7.0	6.0	6.5
2	---	---	---	16.0	15.0	16.0	13.0	12.5	12.5	7.5	6.5	7.0
3	---	---	---	15.5	15.0	15.0	12.5	12.0	12.5	7.5	7.0	7.0
4	---	---	---	15.5	15.0	15.5	13.0	11.5	12.5	7.5	6.5	7.5
5	---	---	---	16.0	15.0	15.5	13.5	12.0	13.0	8.0	7.5	7.5
6	23.5	23.5	23.5	16.0	15.0	16.0	13.5	12.0	13.0	8.0	7.0	7.5
7	23.5	23.0	23.5	16.0	14.5	15.5	13.0	12.5	12.5	8.5	7.0	7.5
8	23.0	23.0	23.0	15.0	14.0	14.5	13.0	12.0	12.5	9.0	8.0	8.5
9	23.0	22.5	22.5	14.0	13.5	14.0	12.5	11.5	12.0	8.5	7.5	8.0
10	---	---	---	13.5	13.0	13.5	12.0	11.5	11.5	7.5	7.0	7.0
11	---	---	---	13.5	13.0	13.0	12.0	11.0	11.5	7.0	6.5	7.0
12	---	---	---	13.0	12.5	13.0	11.0	9.5	10.5	8.5	7.0	7.5
13	---	---	---	14.0	13.0	13.5	10.0	9.0	9.5	8.5	7.5	8.5
14	---	---	---	15.0	13.5	14.0	9.0	8.5	9.0	9.0	7.5	8.5
15	20.5	19.0	20.0	16.0	14.0	15.0	9.0	8.5	9.0	8.5	7.0	8.0
16	20.0	19.5	20.0	16.5	15.0	16.0	9.0	8.5	9.0	7.5	6.0	7.0
17	20.5	20.0	20.0	17.0	16.0	16.5	9.0	8.5	8.5	6.5	6.0	6.5
18	20.5	19.5	20.0	18.0	16.5	17.0	9.0	7.5	8.5	7.5	6.5	7.0
19	21.0	20.5	20.5	17.5	16.5	17.0	9.5	8.5	9.0	7.0	5.5	6.0
20	21.5	20.5	21.0	17.0	16.5	16.5	9.0	8.5	8.5	5.5	5.0	5.5
21	22.0	21.0	21.5	16.5	15.5	16.0	9.5	8.5	9.0	5.5	4.5	5.0
22	22.0	21.0	21.5	16.0	15.0	15.5	9.0	8.5	9.0	6.0	4.0	5.0
23	21.0	20.0	20.5	15.5	15.0	15.0	9.0	8.5	8.5	5.5	4.0	5.0
24	20.0	19.0	19.5	15.5	15.0	15.0	8.5	8.0	8.0	5.5	4.5	5.0
25	20.0	19.0	19.5	15.5	15.0	15.0	8.0	7.5	8.0	6.0	4.5	5.5
26	20.0	19.0	19.5	15.0	14.5	15.0	8.0	6.5	7.5	6.5	5.0	6.0
27	19.5	18.5	19.0	15.0	14.5	15.0	7.5	7.0	7.5	6.5	6.0	6.5
28	19.5	19.0	19.5	15.5	15.0	15.0	7.5	6.5	7.5	8.5	6.5	7.5
29	19.5	18.5	19.0	15.0	14.0	14.5	7.5	7.0	7.0	9.5	8.5	9.0
30	19.0	18.5	18.5	14.5	13.5	14.0	7.0	6.0	7.0	9.5	9.0	9.5
31	19.0	17.0	18.0	---	---	---	6.5	6.0	6.5	9.0	8.5	9.0
MONTH	23.5	17.0	20.5	18.0	12.5	15.1	13.5	6.0	9.8	9.5	4.0	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	18.0	17.5	18.0	23.5	23.0	23.0
2	8.5	8.0	8.0	13.5	11.5	12.5	18.0	17.5	17.5	23.5	22.5	23.0
3	8.0	7.0	7.5	---	---	---	18.0	17.5	17.5	22.5	21.5	22.0
4	8.0	6.5	7.5	---	---	---	18.5	17.5	18.0	21.5	20.5	21.5
5	7.5	6.5	7.0	13.5	12.0	13.0	19.0	17.5	18.5	21.0	20.5	20.5
6	---	---	---	---	---	---	20.0	17.5	19.0	21.5	20.0	20.5
7	---	---	---	---	---	---	20.5	19.0	19.5	22.0	20.5	21.0
8	---	---	---	17.0	15.5	16.5	20.0	18.0	19.5	22.0	20.5	21.0
9	---	---	---	18.0	17.0	17.5	19.0	17.5	18.0	22.0	20.5	21.0
10	12.0	11.0	11.5	18.0	16.5	17.5	19.5	17.5	18.5	21.5	21.0	21.0
11	11.0	10.0	10.5	18.0	17.0	17.5	20.5	18.5	19.5	22.0	20.5	21.5
12	10.0	9.5	10.0	---	---	---	20.5	19.0	20.0	22.5	21.0	22.0
13	10.5	9.0	9.5	---	---	---	20.5	19.5	20.0	22.0	21.5	22.0
14	10.0	9.5	10.0	16.0	15.0	15.5	21.5	20.0	21.0	22.0	21.5	22.0
15	10.0	9.5	10.0	---	---	---	21.5	19.5	20.5	22.5	22.0	22.0
16	10.0	9.0	9.5	16.5	15.0	15.5	21.5	20.0	21.0	23.0	22.0	22.5
17	---	---	---	16.0	15.0	15.5	22.0	20.5	21.0	23.5	23.0	23.0
18	11.0	9.5	10.0	15.5	15.0	15.0	22.0	20.0	21.0	23.5	23.0	23.5
19	12.0	10.5	11.5	16.5	15.0	15.5	22.0	20.0	21.0	23.0	22.5	23.0
20	13.0	11.0	12.0	17.0	15.0	16.5	22.5	20.5	21.5	22.5	22.0	22.5
21	14.0	12.0	13.5	18.5	16.5	17.5	23.0	21.0	22.0	22.0	21.5	21.5
22	15.0	13.0	14.0	19.0	18.0	18.5	22.0	21.0	21.5	21.5	21.0	21.0
23	15.5	13.0	14.5	19.0	18.0	18.5	21.0	20.0	20.5	22.0	21.0	21.5
24	16.5	14.5	15.5	19.5	17.5	18.5	21.0	19.5	20.5	22.5	21.5	22.0
25	---	---	---	19.5	19.0	19.0	21.5	20.0	20.5	23.0	22.5	22.5
26	---	---	---	19.5	18.5	19.0	22.0	20.5	21.5	24.0	23.0	23.5
27	---	---	---	20.0	18.5	19.0	22.5	20.5	21.5	24.0	23.5	24.0
28	---	---	---	20.5	19.0	20.0	23.0	21.0	22.0	24.5	24.0	24.0
29	---	---	---	20.5	20.0	20.0	23.0	21.5	22.5	24.5	24.0	24.5
30	---	---	---	20.0	18.5	19.0	23.5	22.0	23.0	24.5	24.0	24.5
31	---	---	---	18.5	18.0	18.5	---	---	---	25.0	24.5	24.5
MONTH	16.5	6.5	10.7	20.5	11.5	17.2	23.5	17.5	20.2	25.0	20.0	22.3

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.7	5.0	5.3	6.2	5.7	5.9	6.8	6.1	6.5	9.6	9.1	9.4
2	5.4	5.2	5.3	7.0	6.2	6.5	7.1	6.5	6.8	9.5	8.9	9.2
3	5.4	5.1	5.2	7.0	6.4	6.7	7.4	6.5	6.8	9.7	8.8	9.2
4	5.7	5.1	5.3	7.0	6.0	6.6	7.6	6.5	6.9	9.6	8.4	9.0
5	5.6	5.0	5.3	7.2	5.9	6.3	7.7	6.4	6.9	8.9	8.4	8.6
6	5.9	5.2	5.5	7.0	5.9	6.2	7.4	6.4	6.8	8.9	8.4	8.6
7	6.0	5.3	5.7	7.2	5.9	6.3	7.6	6.5	7.1	9.0	8.3	8.7
8	6.0	5.0	5.6	7.0	6.1	6.5	7.5	6.8	7.2	9.2	8.3	8.8
9	5.2	4.8	5.0	6.9	6.2	6.5	7.5	6.9	7.3	9.3	8.4	8.9
10	5.3	4.7	4.9	6.9	6.3	6.6	7.6	7.0	7.3	9.6	8.7	9.2
11	5.9	4.9	5.4	7.1	6.4	6.8	7.8	7.1	7.5	9.6	9.1	9.4
12	6.0	5.4	5.7	7.1	6.6	6.8	8.4	7.4	7.8	9.6	9.1	9.4
13	6.0	5.4	5.7	7.2	6.5	6.8	8.7	7.9	8.4	9.3	8.7	9.0
14	6.0	5.4	5.6	7.2	6.2	6.6	8.7	8.2	8.6	9.1	8.5	8.8
15	5.9	5.3	5.6	7.3	6.1	6.5	8.7	8.3	8.5	8.8	8.4	8.6
16	6.0	5.3	5.6	7.0	5.9	6.3	8.7	8.1	8.3	9.3	8.7	9.0
17	6.3	5.0	5.6	6.9	5.9	6.2	9.0	8.3	8.6	9.6	9.0	9.2
18	5.5	4.6	4.9	6.5	5.7	6.0	9.1	8.5	8.7	9.2	8.9	9.1
19	5.5	4.4	4.7	6.5	5.8	6.2	9.0	8.3	8.7	9.6	8.9	9.3
20	5.3	4.3	4.6	6.1	5.5	5.9	9.0	7.9	8.5	9.7	9.2	9.4
21	5.0	4.2	4.5	6.5	5.5	6.0	8.7	7.8	8.1	10.0	9.4	9.5
22	5.8	4.2	4.8	6.2	5.9	6.1	8.3	7.8	8.1	10.1	9.4	9.7
23	6.4	4.8	5.7	6.3	6.0	6.2	8.7	7.9	8.2	10.3	9.6	9.9
24	6.4	5.6	6.1	6.2	6.0	6.1	8.5	8.0	8.3	10.4	9.5	9.9
25	6.2	5.6	5.9	6.5	5.9	6.2	8.8	8.0	8.4	10.0	9.4	9.6
26	6.4	5.6	5.9	6.8	6.3	6.6	8.9	8.2	8.5	10.0	9.4	9.6
27	6.1	5.3	5.6	6.7	6.3	6.5	9.3	8.4	8.8	9.8	9.3	9.5
28	5.9	5.3	5.6	6.5	5.6	6.0	9.4	8.3	9.0	9.6	9.0	9.3
29	6.3	5.4	5.8	6.1	5.7	5.9	9.5	8.7	9.1	9.0	8.2	8.6
30	6.8	5.6	6.2	6.4	5.8	6.1	9.5	8.5	9.2	8.4	8.0	8.2
31	6.1	5.2	5.7	---	---	---	9.5	9.1	9.3	8.2	7.6	7.9
MONTH	6.8	4.2	5.4	7.3	5.5	6.3	9.5	6.1	8.0	10.4	7.6	9.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.7	7.5	7.6	7.6	6.6	6.9	4.4	4.0	4.1	4.9	3.9	4.6
2	7.7	7.5	7.5	7.8	6.7	7.2	4.5	4.1	4.2	5.3	4.3	4.9
3	8.0	7.5	7.6	6.8	6.3	6.6	4.9	4.1	4.5	5.5	4.7	5.3
4	8.1	7.6	7.8	6.6	6.3	6.4	5.0	4.2	4.6	5.3	5.0	5.2
5	8.3	7.7	7.8	6.5	6.2	6.3	5.5	4.4	4.8	5.3	4.9	5.1
6	8.0	7.7	7.8	6.4	6.0	6.2	5.3	4.6	4.9	5.4	4.8	5.1
7	7.9	7.6	7.7	6.2	5.9	6.0	5.1	4.5	4.8	5.8	4.5	5.1
8	7.9	7.5	7.6	6.0	5.6	5.7	5.4	4.7	5.0	6.0	5.1	5.4
9	7.6	7.3	7.5	5.7	5.3	5.4	5.8	4.8	5.2	6.2	5.3	5.8
10	7.7	7.2	7.5	6.2	5.3	5.7	5.5	4.9	5.2	6.2	5.3	5.8
11	7.6	7.2	7.4	5.6	4.6	5.1	5.4	4.9	5.1	6.0	5.5	5.7
12	7.3	7.0	7.1	5.1	4.8	5.0	5.4	4.6	5.0	5.9	5.4	5.6
13	7.1	6.9	7.0	5.7	4.7	5.1	5.2	4.7	5.0	5.7	5.1	5.4
14	7.3	6.9	7.0	5.1	4.4	4.8	5.2	4.2	4.7	5.3	4.9	5.2
15	7.6	7.0	7.2	4.8	4.5	4.7	5.0	4.2	4.6	5.4	4.7	5.0
16	7.7	7.1	7.3	4.9	4.3	4.6	4.9	3.8	4.6	5.2	4.6	4.9
17	7.8	7.2	7.4	5.0	4.5	4.7	5.7	3.5	4.5	5.2	4.2	4.9
18	7.7	7.2	7.5	5.2	4.7	4.9	5.2	4.0	4.6	5.3	4.8	5.1
19	8.2	7.2	7.5	5.4	4.7	5.1	5.3	4.1	4.8	5.3	5.0	5.2
20	8.1	7.0	7.4	5.4	4.7	5.0	5.4	3.9	4.7	5.5	5.1	5.4
21	7.8	6.8	7.1	5.5	4.8	5.0	5.2	3.9	4.7	5.6	5.2	5.4
22	7.4	6.6	7.0	5.2	4.8	5.0	5.3	3.6	4.9	5.7	5.2	5.4
23	7.6	6.6	7.1	5.0	4.6	4.9	5.4	4.9	5.2	5.7	5.0	5.3
24	7.2	6.3	6.6	4.7	4.4	4.6	5.2	4.9	5.0	5.4	4.7	4.9
25	6.8	6.2	6.4	4.7	4.5	4.6	5.0	4.6	4.8	5.1	4.5	4.7
26	7.0	6.2	6.5	4.9	4.2	4.5	5.1	4.6	4.8	4.9	4.5	4.7
27	7.0	6.3	6.5	5.1	4.4	4.7	5.0	4.6	4.8	5.1	4.5	4.8
28	7.3	6.5	6.8	5.4	3.8	4.5	4.9	4.2	4.6	5.1	4.6	4.9
29	---	---	---	4.0	3.7	3.9	4.8	3.8	4.4	5.1	4.6	4.9
30	---	---	---	4.1	3.9	3.9	4.8	4.3	4.5	5.0	4.6	4.8
31	---	---	---	4.5	3.9	4.1	---	---	---	5.2	4.4	4.8
MONTH	8.3	6.2	7.3	7.8	3.7	5.2	5.8	3.5	4.8	6.2	3.9	5.1

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, Jan. 23, 1993, Feb. 2 - 3, 1993.

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

WATER TEMPERATURE: Maximum, 32.5°C, July 10, 1990; minimum, 1.0°C, Dec. 25, 26, 1989.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988, several days in July, 1993, Jan. 25, 1994; minimum, 1.0 mg/L, Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 19,500 microsiemens, Oct. 16; minimum, 50 microsiemens, Feb. 19, many days in March.

WATER TEMPERATURE: Maximum, 31.0°C, July 17; minimum, 3.0°C Jan. 22.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 25; minimum, 3.4 mg/L, Aug. 30, 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8880	150	3110	---	---	---	11100	200	3470	120	110	113
2	8900	250	3420	---	---	---	10900	250	3470	120	110	114
3	5540	100	2440	---	---	---	6600	200	2020	120	110	114
4	8210	100	3190	---	---	---	4500	180	1220	120	110	116
5	8150	100	2930	---	---	---	1350	140	326	120	110	118
6	11900	280	5970	---	---	---	150	140	146	120	110	119
7	15400	3780	9830	---	---	---	450	140	175	120	110	117
8	15000	2090	9620	---	---	---	1940	140	377	120	110	118
9	9840	790	5000	---	---	---	3450	101	595	120	110	117
10	8350	510	3910	---	---	---	3410	141	635	120	110	112
11	13100	340	4910	6500	150	2620	182	142	146	120	110	115
12	12900	1240	6420	7640	100	2360	154	143	150	120	110	117
13	15400	1440	7700	5840	150	1420	1940	144	334	120	110	119
14	16100	2210	9180	2100	100	484	3050	145	509	120	110	120
15	17800	2790	9850	810	140	266	255	116	156	120	110	114
16	19500	3100	11000	200	140	160	157	116	127	120	110	114
17	17400	2810	9040	1810	100	381	1050	117	253	120	110	115
18	11100	800	4360	750	100	254	608	118	185	120	110	115
19	10900	480	4030	6850	180	1740	159	119	133	120	100	110
20	10500	450	4100	1400	140	381	120	110	118	120	100	110
21	6640	300	2870	3990	140	1230	120	110	118	120	110	110
22	7900	200	2770	5910	190	2450	120	110	112	120	100	108
23	9390	440	5130	7610	200	3750	120	110	115	110	100	109
24	13400	2310	8170	9810	550	4910	120	110	112	110	100	109
25	---	---	---	9990	500	5350	120	110	116	110	100	108
26	---	---	---	13800	2290	8190	160	110	123	120	100	110
27	---	---	---	15800	2700	9110	120	110	120	120	110	112
28	---	---	---	9810	400	3670	150	110	117	120	100	110
29	---	---	---	4540	200	1450	120	110	116	110	100	108
30	---	---	---	6910	210	2480	120	110	113	120	100	111
31	---	---	---	---	---	---	120	110	115	110	100	110
MONTH	19500	100	5790	15800	100	2630	11100	101	510	120	100	113

WACCAMAW RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	23.5	24.0	---	---	---	14.5	13.5	14.0	8.0	6.5	7.0
2	25.0	23.5	24.0	---	---	---	14.0	13.0	14.0	8.0	7.5	8.0
3	25.5	23.5	24.0	---	---	---	14.0	13.0	13.5	8.0	7.5	8.0
4	25.0	23.5	24.5	---	---	---	14.5	13.5	14.0	8.0	7.5	8.0
5	25.0	24.0	24.5	---	---	---	14.5	13.0	14.0	8.5	6.5	7.5
6	24.5	23.0	24.0	---	---	---	14.0	12.5	13.5	8.5	6.5	7.5
7	23.5	22.5	23.0	---	---	---	13.5	12.5	13.0	9.5	7.5	8.5
8	23.5	22.5	23.0	---	---	---	14.0	12.5	13.0	9.5	8.0	9.0
9	23.5	22.0	23.0	---	---	---	13.0	12.0	13.0	8.5	7.5	8.0
10	23.5	22.0	23.0	---	---	---	13.0	12.0	12.5	8.0	6.5	7.5
11	23.0	21.0	22.0	14.5	13.0	14.0	12.5	11.0	12.0	8.0	7.0	7.5
12	22.0	21.0	21.5	14.5	13.0	14.0	11.5	10.0	11.0	9.5	7.5	8.5
13	22.0	21.0	21.5	15.0	13.5	14.0	10.5	9.5	10.5	8.5	8.0	8.0
14	21.5	20.5	21.5	15.5	14.0	14.5	10.5	9.5	10.0	8.5	7.5	8.0
15	21.5	20.0	21.0	16.5	14.5	15.5	10.5	9.5	10.0	7.5	6.5	7.5
16	21.0	20.5	21.0	16.5	15.0	15.5	10.5	9.0	9.5	7.0	6.0	6.5
17	21.0	20.5	21.0	16.5	15.5	16.0	10.0	9.5	9.5	7.5	6.0	7.0
18	21.5	20.5	21.0	17.0	16.0	16.5	10.0	9.0	9.5	7.5	5.5	7.0
19	22.0	21.0	21.5	17.0	16.5	16.5	10.0	9.0	9.5	6.0	3.5	5.5
20	22.0	21.0	21.5	17.0	15.5	16.5	9.5	9.0	9.5	5.5	4.5	5.0
21	23.0	21.5	22.0	16.5	15.0	16.0	11.0	9.5	10.0	5.5	4.0	4.5
22	22.0	21.0	22.0	16.0	15.0	15.5	9.5	8.5	9.5	5.0	3.0	4.5
23	22.0	20.0	21.0	16.0	15.0	15.5	10.0	8.0	9.0	5.5	3.5	4.5
24	21.0	20.0	20.5	16.5	15.5	16.0	9.0	8.0	9.0	5.0	4.0	4.5
25	---	---	---	16.0	15.0	15.5	9.0	8.0	8.5	5.0	3.5	4.0
26	---	---	---	16.0	15.0	15.5	8.0	6.5	7.5	5.0	4.0	4.5
27	---	---	---	16.0	15.5	15.5	8.5	6.5	7.5	5.5	5.0	5.0
28	---	---	---	16.0	15.0	15.5	9.0	7.5	8.0	7.5	5.5	6.5
29	---	---	---	15.5	14.0	15.0	8.0	7.5	8.0	8.0	7.0	8.0
30	---	---	---	15.0	14.0	14.5	8.0	7.0	7.5	8.5	8.0	8.5
31	---	---	---	---	---	---	7.5	6.0	7.0	8.5	8.0	8.0
MONTH	25.5	20.0	22.3	17.0	13.0	15.4	14.5	6.0	10.5	9.5	3.0	6.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	7.5	8.0	11.5	10.5	11.0	17.0	16.5	17.0	23.0	21.5	22.0
2	8.0	6.5	7.5	12.0	11.0	11.5	16.5	16.0	16.5	22.0	21.0	22.0
3	8.0	6.0	7.0	11.5	11.0	11.0	17.5	15.0	16.5	21.5	21.0	21.0
4	7.5	6.5	7.0	12.5	10.5	11.5	16.5	15.5	16.0	21.0	20.0	20.5
5	7.5	6.5	7.0	11.5	10.5	11.0	17.5	15.5	16.5	21.0	19.5	20.5
6	7.5	7.0	7.0	12.0	11.0	11.5	18.0	16.0	17.0	21.0	19.5	20.5
7	9.5	7.0	7.5	13.0	12.0	12.5	18.5	17.0	17.5	21.0	20.0	20.5
8	8.5	7.5	8.0	14.5	13.0	13.5	18.0	16.5	17.5	21.0	20.0	20.5
9	10.5	8.5	9.5	15.5	13.5	14.5	18.0	17.0	17.5	21.0	19.0	20.0
10	10.5	9.0	9.5	15.5	14.5	15.0	18.5	17.0	17.5	21.0	19.5	20.5
11	9.5	9.0	9.0	15.0	14.0	14.5	19.0	17.5	18.0	21.5	20.0	20.5
12	9.0	9.0	9.0	14.0	13.0	13.5	19.0	17.5	18.5	22.0	20.5	21.5
13	10.5	9.0	9.5	13.5	12.5	13.0	20.0	18.5	19.0	22.0	20.5	21.5
14	10.0	8.5	9.0	14.0	12.5	13.5	20.0	18.5	19.0	22.0	21.0	21.5
15	10.0	8.0	9.0	15.5	13.0	13.5	20.0	18.5	19.5	22.5	21.0	22.0
16	9.5	8.0	9.0	14.5	13.5	14.0	21.0	19.5	20.0	24.0	21.5	22.5
17	9.0	8.0	8.5	14.0	13.0	13.5	20.5	19.0	20.0	23.5	22.0	22.5
18	9.5	8.0	8.5	14.0	12.5	13.5	20.5	19.0	19.5	23.5	21.5	22.5
19	10.0	8.5	9.0	15.0	13.0	14.0	20.5	19.0	20.0	22.5	21.5	22.0
20	10.5	9.5	10.0	15.0	13.5	14.5	20.5	19.5	20.0	22.0	21.0	21.5
21	11.5	10.0	11.0	16.0	14.0	15.0	21.0	19.5	20.5	21.5	20.5	21.0
22	12.0	11.0	11.5	17.0	15.0	16.0	21.0	20.0	20.5	21.5	20.0	20.5
23	13.5	11.5	12.5	17.0	15.5	16.0	20.5	19.5	20.0	22.0	20.0	21.0
24	14.0	13.0	13.5	17.5	15.5	16.5	21.0	19.0	20.0	22.5	20.5	21.5
25	14.5	12.5	13.5	18.0	16.5	17.5	21.0	19.0	20.0	22.5	21.0	22.0
26	14.0	12.5	13.5	18.0	17.0	17.5	21.0	19.5	20.0	23.5	21.5	22.5
27	12.5	11.5	12.0	18.5	17.0	18.0	21.0	19.5	20.5	23.0	22.0	22.5
28	12.0	11.0	11.5	19.0	18.5	18.5	21.0	20.0	21.0	23.5	22.0	22.5
29	---	---	---	19.0	18.0	18.5	21.5	20.5	21.0	23.5	22.0	23.0
30	---	---	---	18.5	17.5	18.0	22.5	21.0	21.5	23.5	22.5	23.0
31	---	---	---	18.5	17.0	17.5	---	---	---	24.0	23.0	23.5
MONTH	14.5	6.0	9.6	19.0	10.5	14.5	22.5	15.0	18.9	24.0	19.0	21.6

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.6	5.0	5.3	---	---	---	7.6	7.0	7.2	10.0	9.6	9.7
2	5.6	5.1	5.3	---	---	---	7.6	7.1	7.3	9.8	9.6	9.7
3	5.8	5.1	5.3	---	---	---	7.3	7.0	7.1	10.0	9.7	9.8
4	5.8	5.0	5.2	---	---	---	7.2	7.0	7.0	10.1	9.8	9.9
5	5.5	5.0	5.2	---	---	---	8.0	7.2	7.6	10.2	9.7	9.9
6	5.9	5.1	5.4	---	---	---	8.1	7.7	7.8	10.2	9.4	9.7
7	6.3	5.5	5.7	---	---	---	8.1	7.7	7.8	9.7	9.3	9.5
8	6.0	5.2	5.7	---	---	---	8.0	7.7	7.8	9.7	9.4	9.6
9	5.6	5.2	5.3	---	---	---	8.0	7.7	7.9	10.0	9.6	9.8
10	5.8	4.9	5.3	---	---	---	8.1	7.7	7.9	10.2	9.8	10.1
11	5.9	5.3	5.7	7.6	7.4	7.5	8.3	7.8	8.1	10.6	9.9	10.1
12	5.9	5.6	5.7	7.4	7.2	7.3	8.7	8.1	8.4	10.1	9.9	10.0
13	5.8	5.5	5.7	7.3	7.1	7.2	8.7	8.3	8.5	9.9	9.7	9.8
14	5.9	5.4	5.6	7.2	7.0	7.1	9.0	8.6	8.7	10.2	9.7	9.9
15	6.0	5.4	5.7	7.0	6.9	7.0	9.3	8.8	9.1	10.7	9.5	10.2
16	6.2	5.5	5.8	7.0	6.8	6.9	9.4	9.1	9.2	11.1	10.1	10.4
17	6.1	5.5	5.8	7.0	6.7	6.9	9.4	9.1	9.2	10.5	10.1	10.3
18	5.6	5.2	5.4	7.0	6.7	6.9	9.3	9.1	9.2	10.9	10.3	10.5
19	5.5	5.1	5.2	7.0	6.7	6.8	9.4	9.2	9.3	11.4	10.7	10.9
20	5.4	5.0	5.1	7.1	6.6	6.9	9.5	9.2	9.3	10.9	10.7	10.8
21	5.2	4.9	5.0	7.1	6.7	6.9	9.9	9.2	9.5	11.2	10.8	11.0
22	5.7	4.9	5.3	7.1	6.7	6.9	9.5	9.1	9.2	12.0	11.1	11.3
23	6.3	5.3	5.8	7.2	6.7	6.9	9.6	9.1	9.3	12.0	11.3	11.5
24	6.8	5.9	6.2	7.0	6.6	6.8	9.4	9.0	9.2	12.1	11.5	11.8
25	---	---	---	7.3	6.4	6.9	9.7	9.1	9.3	12.4	11.7	11.9
26	---	---	---	7.6	7.0	7.3	10.0	9.0	9.5	12.1	11.7	11.8
27	---	---	---	7.7	7.0	7.3	9.9	9.4	9.6	11.8	11.5	11.7
28	---	---	---	7.4	6.7	7.0	9.7	9.5	9.6	11.6	11.0	11.3
29	---	---	---	7.0	6.5	6.7	9.6	9.4	9.5	11.0	10.3	10.6
30	---	---	---	7.1	6.5	6.7	9.9	9.6	9.7	10.3	10.0	10.1
31	---	---	---	---	---	---	9.8	9.6	9.7	10.2	9.8	10.0
MONTH	6.8	4.9	5.5	7.7	6.4	7.0	10.0	7.0	8.7	12.4	9.3	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	9.7	9.9	8.9	8.5	8.7	6.8	5.8	6.0	5.9	4.9	5.2
2	10.8	9.9	10.2	9.2	8.8	9.0	6.9	6.0	6.4	6.2	5.4	5.8
3	11.0	10.0	10.3	9.2	8.3	8.8	7.4	6.6	7.0	6.3	5.8	6.1
4	10.7	10.0	10.2	9.3	8.1	8.5	7.3	7.0	7.1	6.3	5.8	6.2
5	10.7	9.9	10.1	8.6	8.0	8.3	7.2	6.7	6.9	6.5	5.7	6.1
6	10.2	9.9	10.0	8.4	7.8	8.0	7.4	6.5	6.8	6.1	5.7	5.8
7	10.2	9.8	9.9	8.2	7.7	7.9	7.6	6.4	6.8	6.1	5.6	5.8
8	10.1	9.6	9.8	8.2	7.5	7.7	7.0	6.2	6.5	7.3	6.0	6.4
9	10.0	9.7	9.8	7.6	7.1	7.4	6.6	5.9	6.1	6.6	6.2	6.3
10	9.8	9.4	9.6	7.6	7.0	7.2	6.5	5.7	6.0	6.4	6.0	6.2
11	9.6	9.0	9.3	7.9	6.9	7.3	6.3	5.8	6.0	6.5	6.0	6.2
12	9.2	8.9	9.0	7.5	6.8	7.2	6.2	5.7	5.9	6.8	6.0	6.3
13	9.4	8.7	9.0	7.3	7.1	7.2	7.1	5.7	6.1	6.6	6.0	6.2
14	9.7	9.2	9.4	8.5	7.2	7.6	6.6	5.6	6.0	6.1	5.6	5.9
15	9.5	9.1	9.3	8.2	7.3	7.6	5.9	5.4	5.6	5.9	5.4	5.6
16	9.6	9.2	9.4	8.5	7.4	7.7	7.0	5.6	6.2	6.4	5.8	6.0
17	10.0	9.5	9.8	8.1	7.4	7.6	6.0	5.2	5.6	6.4	5.8	6.1
18	10.1	9.9	10.0	9.1	7.4	8.0	5.9	5.4	5.5	6.5	5.9	6.1
19	10.0	9.6	9.9	8.3	7.4	7.9	6.0	5.3	5.6	6.4	5.9	6.1
20	9.7	9.3	9.5	7.8	7.2	7.4	5.9	5.5	5.6	6.7	6.0	6.2
21	9.3	8.9	9.2	7.9	7.1	7.5	6.0	5.4	5.6	6.4	5.8	6.1
22	9.1	8.8	9.0	8.5	7.2	7.5	6.0	5.4	5.7	6.6	5.7	5.9
23	9.0	8.5	8.8	7.5	6.7	7.0	6.6	5.8	6.2	5.8	5.2	5.5
24	9.1	8.4	8.7	7.2	6.5	6.7	6.0	5.5	5.7	5.4	4.8	5.1
25	8.4	7.9	8.1	7.1	6.4	6.6	5.8	5.3	5.5	5.7	5.0	5.4
26	9.1	7.9	8.2	6.8	5.9	6.2	6.0	5.3	5.5	6.0	5.4	5.7
27	8.9	8.1	8.5	6.7	5.7	6.1	5.9	5.4	5.6	6.0	5.7	5.9
28	8.8	8.2	8.5	7.2	6.3	6.5	5.7	5.4	5.5	6.1	5.6	5.8
29	---	---	---	7.0	5.9	6.4	5.4	5.0	5.2	6.0	5.6	5.8
30	---	---	---	6.2	5.7	6.0	5.1	4.9	5.0	5.8	5.4	5.6
31	---	---	---	6.2	5.7	5.9	---	---	---	6.0	5.3	5.7
MONTH	11.0	7.9	9.4	9.3	5.7	7.4	7.6	4.9	6.0	7.3	4.8	5.9

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.6	5.2	5.3	---	---	---	---	---	---	---	---	---
2	5.6	5.2	5.4	---	---	---	---	---	---	---	---	---
3	5.7	5.2	5.4	---	---	---	---	---	---	---	---	---
4	5.4	5.1	5.2	---	---	---	---	---	---	---	---	---
5	5.3	5.0	5.1	---	---	---	---	---	---	---	---	---
6	5.4	4.9	5.1	---	---	---	---	---	---	---	---	---
7	5.6	5.0	5.3	5.1	4.2	4.8	---	---	---	---	---	---
8	6.3	5.2	5.5	5.3	4.5	4.8	---	---	---	---	---	---
9	---	---	---	5.3	4.5	4.9	---	---	---	---	---	---
10	---	---	---	5.5	4.8	5.1	---	---	---	---	---	---
11	---	---	---	5.6	4.8	5.1	---	---	---	---	---	---
12	---	---	---	5.7	4.7	5.1	---	---	---	---	---	---
13	---	---	---	5.7	4.8	5.1	---	---	---	---	---	---
14	---	---	---	5.8	4.8	5.2	---	---	---	---	---	---
15	---	---	---	5.7	4.9	5.2	---	---	---	---	---	---
16	---	---	---	5.4	4.6	5.0	---	---	---	---	---	---
17	---	---	---	4.9	4.4	4.7	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	4.8	4.3	4.5	---	---	---
25	---	---	---	---	---	---	4.6	4.1	4.4	---	---	---
26	---	---	---	---	---	---	4.9	4.1	4.3	---	---	---
27	---	---	---	---	---	---	4.2	3.9	4.0	---	---	---
28	---	---	---	---	---	---	4.5	3.8	4.1	---	---	---
29	---	---	---	---	---	---	4.2	3.5	3.8	---	---	---
30	---	---	---	---	---	---	3.7	3.4	3.6	---	---	---
31	---	---	---	---	---	---	4.0	3.4	3.6	---	---	---
MONTH	6.3	4.9	5.3	5.8	4.2	5.0	4.9	3.4	4.0	---	---	---
YEAR	12.4	3.4	7.3									

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 downstream side of the U.S. Highway 1 bridge, 140 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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Nov. 1 - 23, Dec. 1, Feb. 5, June 28, 29, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	55	20	28	31	37	39	9.8	4.9	33	59	16
2	5.2	42	17	39	28	76	33	9.2	4.6	26	58	19
3	5.3	45	15	45	26	117	30	9.5	4.5	17	39	24
4	5.0	30	15	49	25	100	27	18	4.0	13	31	35
5	5.0	25	18	40	26	65	24	29	7.6	20	27	37
6	4.9	21	19	35	30	48	23	36	14	51	29	30
7	5.0	20	22	32	31	42	23	25	12	41	38	23
8	7.2	19	21	28	32	38	22	19	14	22	41	18
9	7.3	16	18	26	28	36	21	17	15	14	29	16
10	8.2	15	17	24	28	38	20	17	19	10	22	15
11	8.5	14	20	23	30	39	20	17	29	8.2	18	14
12	8.2	13	21	35	38	39	19	14	34	8.1	17	12
13	7.6	13	23	47	42	36	19	11	27	7.5	16	11
14	7.4	12	22	55	40	35	19	9.9	16	7.3	15	11
15	7.3	12	25	43	32	34	22	9.0	11	7.6	21	11
16	7.7	13	25	31	29	33	36	8.2	11	7.5	44	10
17	10	14	26	28	27	30	39	7.3	10	6.7	68	10
18	11	14	24	35	25	27	38	6.7	9.1	6.5	55	13
19	13	13	21	37	25	26	26	6.3	9.2	7.9	44	18
20	12	13	21	34	24	25	20	5.8	8.5	34	52	21
21	11	13	26	30	24	24	17	5.1	7.3	196	67	23
22	12	12	29	28	24	24	16	4.7	6.3	193	88	18
23	13	13	33	27	26	23	15	3.9	5.1	119	70	14
24	15	14	31	27	76	23	14	3.9	4.4	74	48	49
25	14	14	28	27	121	30	13	4.1	5.1	57	32	100
26	15	13	27	26	90	34	13	4.2	4.9	42	25	100
27	15	15	24	25	52	36	12	5.2	8.3	35	22	54
28	15	21	23	31	40	39	12	5.1	11	37	22	33
29	15	23	24	39	---	47	11	4.9	22	38	24	24
30	29	24	25	42	---	52	10	4.7	33	44	20	20
31	46	---	25	38	---	50	---	4.9	---	43	18	---
TOTAL	350.9	581	705	1054	1050	1303	653	335.4	371.8	1226.3	1159	799
MEAN	11.3	19.4	22.7	34.0	37.5	42.0	21.8	10.8	12.4	39.6	37.4	26.6
MAX	46	55	33	55	121	117	39	36	34	196	88	100
MIN	4.9	12	15	23	24	23	10	3.9	4.0	6.5	15	10
CFSM	.43	.73	.86	1.29	1.42	1.59	.82	.41	.47	1.50	1.42	1.01
IN.	.49	.82	.99	1.49	1.48	1.84	.92	.47	.52	1.73	1.63	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1994, BY WATER YEAR (WY)

	MEAN	20.6	25.8	30.6	44.1	42.6	55.0	38.7	20.6	20.3	15.0	18.5	11.4
MAX	55.1	56.2	63.2	95.6	77.8	122	83.9	42.5	71.9	48.7	70.7	28.0	
(WY)	1990	1986	1984	1993	1983	1983	1983	1983	1992	1984	1985	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	
(WY)	1982	1982	1989	1981	1992	1981	1981	1981	1981	1986	1980	1990	

SUMMARY STATISTICS FOR 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1980 - 1994

ANNUAL TOTAL	12408.5	9588.4	
ANNUAL MEAN	34.0	26.3	28.5
HIGHEST ANNUAL MEAN			39.7
LOWEST ANNUAL MEAN			14.7
HIGHEST DAILY MEAN	275	May 6	732
LOWEST DAILY MEAN	2.5	*Sep 1	.00
ANNUAL SEVEN-DAY MINIMUM	2.6	Aug 29	.00
INSTANTANEOUS PEAK FLOW			911
INSTANTANEOUS PEAK STAGE			7.35
ANNUAL RUNOFF (CFSM)	1.29		1.08
ANNUAL RUNOFF (INCHES)	17.48		14.69
10 PERCENT EXCEEDS	77		62
50 PERCENT EXCEEDS	19		19
90 PERCENT EXCEEDS	5.0		4.4

* Also occurred on Sept. 2, 3, 4.

** Also occurred on several other days in 1990.

*** Also occurred on May 24.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC

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

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

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

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

REMARKS.--Estimated daily discharges; Feb. 5, Mar. 8 - 11, May 25, June 16 - 17, 19, 22 - 27, July 9 - 12. Records poor. Flow regulated by powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³/s).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2260	2250	5830	4510	13200	14800	67900	1720	4860	10400	14800	10100
2	2780	4310	4520	2200	11300	19900	53000	1400	4930	8620	12300	8920
3	834	4200	2340	2000	10100	53700	38600	5240	4610	2650	9790	11200
4	713	2460	4660	6300	9540	62500	29200	7890	4440	5630	8910	8470
5	1760	3440	2190	7890	9400	62500	21000	8500	1680	7130	8780	5580
6	2260	1330	1610	9320	8970	52900	16200	7820	1770	5670	9130	7620
7	3440	1050	3810	9250	5430	39000	15500	4150	6940	5210	4470	8990
8	2120	1380	5690	9000	3550	27500	13800	1850	3640	5580	1980	9860
9	895	3200	6570	7430	6380	26000	12100	2740	4110	4840	4580	8590
10	703	1810	5570	2920	7920	23000	10100	7820	3910	3910	4710	3340
11	681	3470	6150	6040	8560	21500	6490	8010	25000	2200	4300	1440
12	2190	3230	3090	7570	12300	17900	8660	7610	26700	4690	5250	1350
13	1880	2330	1590	9850	16600	14000	8610	5520	13400	5560	4940	5650
14	1800	899	4020	17400	14800	14600	9430	3290	5070	5130	3270	7140
15	2310	803	5940	15800	14000	13900	8370	1830	5990	4350	1790	4250
16	2080	1970	6800	10600	14800	14200	10400	2070	5700	3640	8860	4520
17	840	2680	7040	9390	13800	14300	7290	7010	5600	1790	11900	5940
18	813	3060	6910	8910	10100	10400	16900	6640	4570	1750	18200	2420
19	2500	3000	6790	9220	11200	10700	15000	6280	1890	4230	25800	1910
20	3160	2510	3780	9390	9560	9540	11700	6430	1660	6050	28200	2120
21	1990	1990	1770	9260	7690	4870	11900	4580	4970	12700	29200	4390
22	1850	1330	6660	9180	7810	4330	10300	1610	4600	16300	23300	4010
23	1460	2470	8830	7850	7560	7790	9780	1440	3800	11500	16300	3740
24	955	2430	9460	4320	12800	7300	4830	3670	6500	6710	12800	4070
25	969	2810	8940	4670	37000	8440	1720	7490	5000	6860	11500	6510
26	3800	875	5600	6540	30800	9500	6370	6100	4000	7910	13400	8290
27	4620	1200	2510	6980	23700	5680	8920	2540	3000	7870	11400	8550
28	4440	2570	5100	8330	16200	8490	9190	1580	6510	14400	11400	4550
29	5160	5020	7360	19800	---	22100	7340	3860	6240	19700	11500	3750
30	4980	4700	8220	29200	---	57100	5260	1530	7340	22200	10600	4720
31	2020	---	7540	19900	---	70700	---	2230	---	21700	10100	---
TOTAL	68263	74777	166890	291020	355070	729140	455860	140450	188430	246880	353460	171990
MEAN	2202	2493	5384	9388	12680	23520	15200	4531	6281	7964	11400	5733
MAX	5160	5020	9460	29200	37000	70700	67900	8500	26700	22200	29200	11200
MIN	681	803	1590	2000	3550	4330	1720	1400	1660	1750	1790	1350
CFSM	.29	.33	.71	1.24	1.67	3.09	2.00	.60	.83	1.05	1.50	.75
IN.	.33	.37	.82	1.42	1.74	3.57	2.23	.69	.92	1.21	1.73	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1994, BY WATER YEAR (WY)

	1991	1992	1993	1994
MEAN	3773	6605	6498	15400
MAX	6665	14870	9477	27070
(WY)	1993	1993	1991	1994
MIN	2202	2449	3475	5732
(WY)	1994	1992	1992	1993

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1991 - 1994

ANNUAL TOTAL	3553831	3242230	8819
ANNUAL MEAN	9737	8883	11330
HIGHEST ANNUAL MEAN			6255
LOWEST ANNUAL MEAN			72700
HIGHEST DAILY MEAN	64300	Mar 27	70700
LOWEST DAILY MEAN	681	Oct 11	681
ANNUAL SEVEN-DAY MINIMUM	1470	Oct 8	1470
INSTANTANEOUS PEAK FLOW			72300
INSTANTANEOUS PEAK STAGE			84.44
ANNUAL RUNOFF (CFSM)	1.28		1.17
ANNUAL RUNOFF (INCHES)	17.40		15.87
10 PERCENT EXCEEDS	32400		21500
50 PERCENT EXCEEDS	4700		5750
90 PERCENT EXCEEDS	1590		1810

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 sea level. 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	192	184	114	171	241	201	47	30	115	173	66
2	39	188	191	143	163	264	195	45	29	132	166	66
3	38	194	124	147	144	302	160	46	29	129	126	78
4	38	165	91	156	125	342	133	113	29	67	93	90
5	37	127	107	157	116	529	120	150	42	59	72	92
6	36	112	119	150	126	436	114	156	130	65	74	82
7	36	110	123	153	131	299	112	167	131	60	70	76
8	40	100	122	146	138	225	111	158	131	53	62	71
9	45	84	103	120	138	188	106	113	127	52	56	67
10	46	75	91	107	128	174	99	103	90	42	51	62
11	44	73	99	100	137	172	97	82	112	40	47	59
12	44	71	100	141	158	171	97	68	113	52	46	73
13	43	69	98	179	168	176	101	59	92	65	45	73
14	46	68	97	181	171	198	105	52	63	56	45	82
15	50	69	110	185	172	197	119	49	53	50	56	56
16	47	71	120	195	169	172	167	47	46	44	153	52
17	56	71	126	183	144	162	173	45	42	38	201	53
18	61	69	125	152	121	153	171	41	37	34	225	85
19	59	67	108	144	112	140	164	38	35	39	302	142
20	55	67	98	147	106	130	120	36	32	116	285	126
21	51	66	119	143	103	125	93	35	31	252	231	114
22	56	67	131	125	102	122	80	35	29	303	225	87
23	82	65	144	117	106	117	74	35	28	333	204	72
24	79	65	155	113	201	113	69	33	27	307	187	76
25	70	65	145	110	233	149	66	32	28	209	187	117
26	72	63	138	107	239	174	63	30	26	142	141	147
27	82	83	124	105	322	180	59	31	38	134	91	240
28	77	153	107	124	319	190	56	32	60	130	91	392
29	72	162	104	150	---	208	53	31	95	137	80	278
30	135	169	106	154	---	201	50	30	117	156	77	191
31	199	---	110	165	---	192	---	30	---	200	73	---
TOTAL	1875	3000	3719	4413	4463	6442	3328	1969	1872	3611	3935	3245
MEAN	60.5	100	120	142	159	208	111	63.5	62.4	116	127	108
MAX	199	194	191	195	322	529	201	167	131	333	302	392
MIN	36	63	91	100	102	113	50	30	26	34	45	52
CFSM	.56	.93	1.11	1.32	1.48	1.92	1.03	.59	.58	1.08	1.18	1.00
IN.	.65	1.03	1.28	1.52	1.54	2.22	1.15	.68	.64	1.24	1.36	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1994, BY WATER YEAR (WY)

MEAN	130	136	161	206	219	240	198	136	115	115	127	100
MAX	469	230	267	362	411	346	338	276	272	357	370	245
(WY)	1991	1972	1973	1993	1960	1987	1960	1991	1969	1975	1971	1979
MIN	53.6	59.6	86.7	91.3	110	107	66.1	52.7	30.1	23.9	34.6	26.7
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1983	1968

SUMMARY STATISTICS FOR 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1960 - 1994

ANNUAL TOTAL	54693	41872	
ANNUAL MEAN	150	115	157
HIGHEST ANNUAL MEAN			237
LOWEST ANNUAL MEAN			91.4
HIGHEST DAILY MEAN	979	529	2460
LOWEST DAILY MEAN	29	26	*17
ANNUAL SEVEN-DAY MINIMUM	31	29	18
INSTANTANEOUS PEAK FLOW		552	**4500
INSTANTANEOUS PEAK STAGE		9.18	13.07
ANNUAL RUNOFF (CFSM)	1.39	1.06	1.45
ANNUAL RUNOFF (INCHES)	18.84	14.42	19.72
10 PERCENT EXCEEDS	301	195	283
50 PERCENT EXCEEDS	100	106	135
90 PERCENT EXCEEDS	39	40	48

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

GAGE.--Water-stage recorder. Datum of gage is 177.48 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Some regulation by storage in Lake Robinson above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	243	197	171	207	382	258	100	75	109	272	148
2	84	233	210	187	211	544	252	98	78	118	271	154
3	84	237	221	193	208	506	247	97	76	133	259	145
4	81	244	209	196	203	375	240	137	66	134	237	138
5	80	251	223	200	201	444	220	140	87	128	215	131
6	79	249	211	198	201	543	207	150	126	127	208	129
7	78	234	201	195	198	475	205	157	165	121	184	130
8	83	215	195	202	197	377	183	176	176	114	166	127
9	81	201	188	195	201	360	170	177	182	109	148	123
10	84	185	182	182	209	344	163	171	180	102	134	121
11	84	173	190	175	208	320	159	163	182	96	125	120
12	79	165	175	200	210	291	154	152	176	94	117	115
13	79	159	165	208	213	278	152	143	168	92	112	112
14	79	155	165	213	216	280	153	130	156	90	109	111
15	81	152	172	217	217	274	171	122	142	88	112	108
16	84	150	171	215	221	275	215	120	130	89	126	104
17	98	146	169	222	220	259	217	115	120	112	144	104
18	99	148	168	235	214	244	216	104	109	100	165	132
19	100	142	168	224	204	238	212	98	100	101	237	161
20	102	141	167	212	196	227	210	91	94	111	312	162
21	102	135	175	207	188	212	195	86	90	158	321	162
22	106	133	172	200	182	211	178	83	84	204	332	158
23	109	132	180	193	192	193	160	77	77	259	319	146
24	110	131	180	184	277	190	145	73	71	298	300	148
25	112	130	181	180	286	215	136	70	76	313	283	155
26	130	126	180	177	295	218	127	69	78	300	267	168
27	133	142	177	177	298	216	122	76	76	283	243	173
28	137	169	174	187	317	233	118	77	77	280	215	203
29	137	177	175	192	---	259	111	80	90	261	188	258
30	207	187	170	202	---	258	107	82	101	258	172	274
31	233	---	164	205	---	261	---	79	---	267	157	---
TOTAL	3224	5285	5675	6144	6190	9502	5403	3493	3408	5049	6450	4420
MEAN	104	176	183	198	221	307	180	113	114	163	208	147
MAX	233	251	223	235	317	544	258	177	182	313	332	274
MIN	78	126	164	171	182	190	107	69	66	88	109	104
CFSM	.60	1.02	1.06	1.15	1.28	1.77	1.04	.65	.66	.94	1.20	.85
IN.	.69	1.14	1.22	1.32	1.33	2.04	1.16	.75	.73	1.09	1.39	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1994, BY WATER YEAR (WY)

	MEAN	179	193	227	287	298	330	271	198	173	168	192	156
MAX	539	299	393	484	433	493	482	364	376	447	466	336	
(WY)	1991	1972	1977	1993	1973	1983	1973	1991	1973	1975	1971	1979	
MIN	76.6	107	142	144	172	164	109	90.9	76.3	46.4	79.2	79.7	
(WY)	1982	1982	1989	1981	1989	1985	1985	1981	1986	1986	1988	1968	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1961 - 1994

ANNUAL TOTAL	78705	64243	222	
ANNUAL MEAN	216	176	320	
HIGHEST ANNUAL MEAN			141	1965
LOWEST ANNUAL MEAN			2890	1986
HIGHEST DAILY MEAN	961	Jan 10	30	Oct 13 1990
LOWEST DAILY MEAN	73	Aug 28	33	Aug 7 1990
ANNUAL SEVEN-DAY MINIMUM	78	Aug 1	33	Aug 2 1990
INSTANTANEOUS PEAK FLOW			*4450	Oct 13 1990
INSTANTANEOUS PEAK STAGE			12.35	Oct 13 1990
ANNUAL RUNOFF (CFSM)	1.25		1.29	
ANNUAL RUNOFF (INCHES)	16.92		17.47	
10 PERCENT EXCEEDS	401		369	
50 PERCENT EXCEEDS	165		197	
90 PERCENT EXCEEDS	81		98	

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

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC

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

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

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

WATER-DISCHARGE RECORDS

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

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

REMARKS.--Records fair except for estimated daily discharges, Jan. 30, 31, May 29 - 31, Feb. 27 - 28, which are poor. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2550	4950	7330	10600	19500	21700	22700	8170	2840	7770	17000	13800
2	3460	4650	8040	8020	18800	21700	25200	4470	5270	9660	16300	13500
3	4380	6560	7120	5420	18000	22200	27800	2980	5960	8590	15100	12900
4	2550	6550	5300	4980	17000	23700	30000	6530	5720	4750	13100	13700
5	1800	5170	6300	8480	16000	25500	30900	10200	5240	5600	11300	12000
6	2680	5210	4720	10800	15300	27600	30000	11500	3150	6830	10500	9380
7	3770	3700	3960	12300	14200	29600	27600	11300	2670	5980	9920	9820
8	4850	2720	5730	12700	10900	31300	24900	8130	6340	5590	6860	11100
9	3960	2960	7820	12600	8350	32000	22500	4870	5630	5540	4130	12000
10	2620	4630	9040	10800	9770	31200	20700	4810	5200	4930	5050	11000
11	1860	3950	8730	7200	11700	29300	18900	9190	5710	3830	5420	6860
12	1680	5130	8730	8590	13100	27300	16800	10400	15300	2530	5420	3700
13	3060	5310	6240	10700	15600	25200	15700	10200	17700	4330	6090	2860
14	3400	4390	4220	13500	17300	23200	14800	8320	16100	5350	5840	6450
15	3220	2730	6170	16700	17600	21800	14200	5890	10800	5130	4470	8480
16	3970	2100	8190	17200	17700	20700	14700	3960	8000	4400	3540	6930
17	3580	3080	9370	16200	17900	19900	15500	3550	6890	3600	8510	6450
18	2440	4370	9790	15200	17800	19300	14900	7680	6280	2180	12300	7250
19	2070	4970	9940	14400	17000	18200	17200	8540	5380	1750	16100	5280
20	3760	4860	9740	14000	16600	17400	17500	8120	3020	3660	18600	3920
21	4610	4480	7060	13800	15800	16000	17000	8190	2210	5810	19900	4210
22	3860	4060	4760	13600	14400	12200	16600	6540	4550	9870	20800	6210
23	3420	2950	8580	13200	13600	9750	15700	3550	4790	12800	21200	6260
24	2910	4000	11200	11900	13500	11000	14300	2590	4170	11800	20500	5770
25	2470	4350	12300	8800	16800	11500	9560	4390	5180	9480	19300	6170
26	2300	4500	12200	8150	20100	12600	5240	7690	4920	8740	18100	8550
27	5030	2840	9210	9370	21200	13400	7970	7410	2780	8670	17500	10500
28	6500	2520	6180	10200	21900	11100	10900	4620	2410	8950	16500	11100
29	6730	4210	7550	12000	---	12500	11700	2860	5600	12300	15800	8620
30	7470	6870	9690	17100	---	17800	10700	5080	6560	15100	15300	6830
31	7310	---	10800	19400	---	21000	---	3300	---	16500	14500	---
TOTAL	114270	128770	246010	367910	447420	637650	542170	205030	186370	222020	394950	251600
MEAN	3686	4292	7936	11870	15980	20570	18070	6614	6212	7162	12740	8387
MAX	7470	6870	12300	19400	21900	32000	30900	11500	17700	16500	21200	13800
MIN	1680	2100	3960	4980	8350	9750	5240	2590	2210	1750	3540	2860
CFSM	.42	.49	.90	1.34	1.81	2.33	2.05	.75	.70	.81	1.44	.95
IN.	.48	.54	1.04	1.55	1.88	2.69	2.28	.86	.79	.94	1.66	1.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1994, BY WATER YEAR (WY)

MEAN	6694	6690	9001	12890	15670	17800	14650	9353	7508	6647	6875	6576
MAX	29150	18760	22710	26840	44410	36910	31790	24620	17950	21520	16110	49130
(WY)	1965	1948	1949	1993	1960	1979	1984	1958	1982	1975	1970	1945
MIN	2117	2241	3213	3268	5560	5505	4055	3083	2714	2475	1981	1380
(WY)	1952	1954	1940	1956	1941	1981	1981	1981	1988	1986	1954	1954

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1939 - 1994

ANNUAL TOTAL	4608170	3744170	9957	1960
ANNUAL MEAN	12630	10260	16470	1981
HIGHEST ANNUAL MEAN			5392	1981
LOWEST ANNUAL MEAN			217000	Sep 22 1945
HIGHEST DAILY MEAN	46700	Apr 1	720	Sep 29 1954
LOWEST DAILY MEAN	1680	Oct 12	814	Sep 27 1954
ANNUAL SEVEN-DAY MINIMUM	2830	Oct 9	*220000	Sep 22 1945
INSTANTANEOUS PEAK FLOW			33.30	Sep 22 1945
INSTANTANEOUS PEAK STAGE		22.97	629	Sep 22 1945
INSTANTANEOUS LOW FLOW		1490		Jun 26 1984
ANNUAL RUNOFF (CFSM)	1.43	1.16	1.13	
ANNUAL RUNOFF (INCHES)	19.41	15.77	15.32	
10 PERCENT EXCEEDS	31300	19400	20400	
50 PERCENT EXCEEDS	7310	8540	7170	
90 PERCENT EXCEEDS	2910	3270	3120	

* 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 1993 TO SEPTEMBER 1994

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, 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 18...	1500	4450	760	18.0	--	K51	32	35	8.3	88	16
JAN 13...	1430	11000	760	9.0	K10	160	21	24	11.6	101	20
MAR 30...	1415	18400	770	16.5	170	100	29	19	9.8	99	20
APR 19...	1120	17300	760	19.0	--	--	--	--	8.3	90	--
MAY 11...	1215	9400	755	21.5	58	140	18	19	7.2	82	18
JUL 27...	1630	8540	755	27.0	--	85	15	17	5.3	67	16
SEP 28...	1400	11300	760	23.5	85	220	14	16	6.8	80	13

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...	7.0	96	2.7	3.4	1.8	3.0	29	76	3	15	0.20
JAN 13...	6.8	78	9.7	4.7	2.0	2.8	12	53	1	10	<0.10
MAR 30...	6.7	88	44	4.9	2.0	2.4	10	48	1	7.9	<0.10
APR 19...	6.6	78	--	--	--	--	--	--	--	--	--
MAY 11...	7.0	110	34	4.2	1.7	2.2	14	60	1	11	<0.10
JUL 27...	6.9	90	6.0	3.7	1.7	2.1	11	56	1	8.0	0.10
SEP 28...	7.1	77	15	3.1	1.3	2.1	8.5	54	1	7.1	<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, 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)
NOV 18...	25	8.3	114	103	0.16	1370	0.300	<0.010	0.300	0.300	0.030
JAN 13...	11	9.6	80	65	0.11	2380	0.510	0.020	0.530	0.530	0.060
MAR 30...	11	9.6	61	66	0.08	3030	0.810	0.010	0.820	0.820	0.040
APR 19...	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	11	8.6	61	65	0.08	1550	0.610	<0.010	0.610	0.610	0.030
JUL 27...	8.6	7.2	69	51	0.09	1590	0.310	<0.010	0.310	0.310	0.030
SEP 28...	7.0	6.9	65	44	0.09	1980	0.210	0.010	0.220	0.220	0.020

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	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 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)
NOV 18...	0.04	0.27	0.30	0.12	0.040	0.030	0.050	30	15	<3	220
JAN 13...	0.08	0.24	0.30	0.06	0.020	0.020	0.040	70	16	<3	53
MAR 30...	0.05	0.56	0.60	0.12	0.040	0.050	0.060	--	--	--	--
APR 19...	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	0.04	0.47	0.50	0.12	0.040	0.040	0.130	70	16	<3	330
JUL 27...	0.04	0.47	0.50	0.06	0.020	0.040	0.090	--	--	--	--
SEP 28...	0.03	0.38	0.40	0.06	0.020	0.020	0.060	70	14	<3	250

DATE	SEDI- MENT, DIS- SOLVED (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)
NOV 18...	18	216	<4	16	93	<10	<1	<1	<1.0	35
JAN 13...	25	743	<4	9	91	<10	1	<1	<1.0	38
MAR 30...	104	5170	--	--	94	--	--	--	--	--
APR 19...	--	--	--	--	--	--	--	--	--	--
MAY 11...	58	1470	<4	8	94	<10	<1	<1	<1.0	33
JUL 27...	43	991	--	--	94	--	--	--	--	--
SEP 28...	35	1070	<4	6	97	<10	<1	<1	<1.0	28

DATE	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	SI- MAZINE, WATER, DISS, REC (UG/L)	PRO- METRYN, WATER, DISS, REC (UG/L)	PRO- METON, WATER, DISS, REC (UG/L)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L)	CYANA- ZINE, WATER, DISS, REC (UG/L)	AMETRYN WATER, DISS, REC (UG/L)
NOV 18...	--	<6	--	--	--	--	--	--	--	--
JAN 13...	--	<6	--	--	--	--	--	--	--	--
MAR 30...	--	--	--	--	--	--	--	--	--	--
APR 19...	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.20	<0.05
MAY 11...	--	<6	--	--	--	--	--	--	--	--
JUL 27...	--	--	--	--	--	--	--	--	--	--
SEP 28...	0.03	<6	0.05	--	--	--	--	--	--	--

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	PROP- AZINE WATER DISS REC (UG/L)	METO- LACHLOR WATER DISSOLV (UG/L)	ATRA- ZINE, WATER, DISS, REC (UG/L)	ALA- CHLOR, WATER, DISS, REC, (UG/L)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)
NOV 18...	--	--	--	--	--	0.60	--	0	--	--
JAN 13...	--	--	--	--	--	0.83	0.510	3	2.3	0.07
MAR 30...	--	--	--	--	--	1.4	0.810	0	3.6	0.03
APR 19...	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--
MAY 11...	--	--	--	--	--	1.1	--	3	--	--
JUL 27...	--	--	--	--	--	0.81	--	4	--	--
SEP 28...	--	--	--	--	--	0.62	0.210	2	0.93	0.03

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
02131309 FORK CREEK AT JEFFERSON, SC

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 sea level.

REMARKS.--Records good except for estimated daily discharges, Mar. 9, 10, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.98	14	14	17	27	35	31	4.0	1.2	98	27	9.6
2	.84	9.2	12	27	24	266	29	3.8	1.1	154	22	10
3	.82	7.4	11	22	23	141	27	6.1	1.4	10	14	19
4	.80	6.8	11	50	21	68	26	61	1.3	6.9	11	18
5	.87	15	27	33	25	54	24	34	6.0	9.4	11	12
6	.87	17	21	26	30	46	23	20	27	13	20	11
7	.84	11	15	24	25	43	27	12	11	9.2	12	11
8	1.5	8.8	13	22	24	40	23	17	6.9	6.2	8.3	8.8
9	1.6	8.0	12	19	26	37	21	13	4.5	4.1	5.9	8.1
10	1.4	7.5	12	18	30	61	20	10	11	2.6	4.9	12
11	1.1	6.9	16	17	40	57	20	8.4	10	5.9	4.8	23
12	1.3	6.1	13	68	48	41	18	7.3	5.3	9.0	6.3	12
13	1.3	5.9	12	49	41	38	19	5.9	3.4	10	4.4	8.8
14	1.2	6.0	12	34	32	42	19	4.7	2.3	9.9	5.3	7.0
15	1.1	6.3	27	28	28	36	29	3.8	1.5	4.9	27	6.1
16	1.1	5.9	23	24	26	33	50	3.4	1.1	3.0	60	5.1
17	2.3	7.6	17	24	24	31	29	4.3	1.1	2.3	53	4.6
18	2.7	6.1	15	34	23	30	21	3.1	1.1	5.1	49	19
19	2.1	6.0	14	26	22	29	17	2.5	.68	11	73	26
20	1.9	6.5	14	23	21	27	15	2.2	.68	43	45	13
21	1.9	5.4	32	23	21	27	13	2.3	.54	58	57	10
22	4.2	4.8	23	22	21	27	11	2.1	.48	26	65	8.6
23	6.5	4.8	24	20	42	25	12	2.1	.42	22	33	7.1
24	3.9	4.9	27	20	177	24	9.8	1.9	.42	41	23	297
25	4.5	4.9	22	20	72	48	8.7	1.6	.47	21	19	261
26	3.0	5.6	18	19	48	39	7.7	1.4	.43	12	16	112
27	4.2	34	16	18	38	32	6.7	2.0	6.5	20	15	54
28	3.4	45	16	50	34	35	5.7	2.1	2.8	31	28	38
29	2.7	23	21	44	---	67	5.1	1.4	31	45	19	33
30	47	16	21	33	---	44	4.5	1.3	23	56	13	27
31	25	---	16	30	---	35	---	1.2	---	32	11	---
TOTAL	132.92	316.4	547	884	1013	1558	572.2	245.9	164.62	781.5	762.9	1091.8
MEAN	4.29	10.5	17.6	28.5	36.2	50.3	19.1	7.93	5.49	25.2	24.6	36.4
MAX	47	45	32	68	177	266	50	61	31	154	73	297
MIN	.80	4.8	11	17	21	24	4.5	1.2	.42	2.3	4.4	4.6
CFSM	.18	.43	.73	1.17	1.49	2.07	.78	.33	.23	1.04	1.01	1.50
IN.	.20	.48	.84	1.35	1.55	2.39	.88	.38	.25	1.20	1.17	1.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1994, BY WATER YEAR (WY)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	19.8	20.3	26.8	44.0	42.7	55.7	36.1	21.5	12.2	11.4	12.9	8.63							
MAX	179	56.1	59.5	91.3	73.4	101	72.8	93.2	49.4	50.0	47.6	36.4							
(WY)	1991	1993	1977	1978	1979	1980	1979	1991	1991	1991	1991	1994							
MIN	1.18	3.02	5.37	7.80	15.9	13.5	5.92	.79	.26	.009	.23	.59							
(WY)	1984	1985	1985	1981	1986	1985	1985	1981	1986	1986	1983	1983							

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1976 - 1994

ANNUAL TOTAL	9882.82	8070.24	
ANNUAL MEAN	27.1	22.1	26.0
HIGHEST ANNUAL MEAN			62.3
LOWEST ANNUAL MEAN			10.7
HIGHEST DAILY MEAN	514	297	2600
LOWEST DAILY MEAN	.26	.42	.00
ANNUAL SEVEN-DAY MINIMUM	.43	.49	.00
INSTANTANEOUS PEAK FLOW		820	**8960
INSTANTANEOUS PEAK STAGE		6.94	13.32
ANNUAL RUNOFF (CFSM)	1.11	.91	1.07
ANNUAL RUNOFF (INCHES)	15.13	12.35	14.51
10 PERCENT EXCEEDS	64	45	55
50 PERCENT EXCEEDS	11	15	14
90 PERCENT EXCEEDS	1.1	1.6	1.1

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

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

PEE DEE RIVER BASIN

02131320 LITTLE FORK CREEK AT JEFFERSON, SC

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

DRAINAGE AREA.--15.0 mi².

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

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

REMARKS.--Records good except for estimated daily discharges, Mar. 2 and June 6, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	2.2	3.2	4.7	15	27	34	4.5	5.7	7.2	15	7.4
2	1.3	2.2	3.3	8.4	14	130	26	4.7	2.0	4.7	14	7.7
3	1.2	2.3	3.3	6.3	13	63	21	5.8	1.7	3.9	11	11
4	1.3	2.2	3.1	22	12	43	21	17	1.5	3.5	9.2	12
5	1.1	4.9	7.9	20	15	36	19	9.2	15	9.3	7.7	10
6	1.5	4.2	4.7	15	18	33	19	6.4	40	18	11	8.4
7	1.4	3.1	3.6	13	15	31	19	5.9	15	18	8.6	8.3
8	1.6	2.6	3.2	13	14	30	18	6.5	8.7	17	7.6	7.7
9	1.2	2.3	3.0	12	16	33	17	5.3	6.3	16	5.5	6.1
10	1.0	2.3	3.0	11	17	43	17	4.7	10	3.8	4.6	6.0
11	1.3	2.1	4.2	11	23	40	16	4.2	9.9	3.1	3.8	10
12	2.2	2.0	3.5	37	28	36	16	4.1	6.4	3.4	4.1	7.6
13	1.5	2.0	3.4	29	26	35	16	3.8	4.6	4.2	3.8	5.8
14	1.4	2.1	4.2	20	21	36	16	3.5	4.1	4.6	4.9	5.2
15	1.5	2.7	9.7	16	18	35	19	3.5	3.6	3.0	12	4.3
16	1.5	2.8	8.0	13	17	32	22	3.5	3.1	2.7	29	3.4
17	1.8	3.1	5.8	13	16	26	17	2.9	2.9	2.4	23	3.2
18	2.3	3.5	4.7	18	15	26	15	2.7	2.8	5.1	20	9.2
19	2.3	3.2	4.5	15	15	26	15	2.8	2.6	10	42	13
20	2.1	2.8	5.0	12	15	25	15	2.7	2.8	14	21	8.6
21	2.5	2.6	11	12	13	22	9.7	2.7	2.4	12	26	5.6
22	4.1	2.5	6.7	11	13	17	8.3	2.7	2.0	7.4	39	4.9
23	4.3	2.4	7.6	11	26	16	8.2	3.9	1.8	7.0	19	4.2
24	3.5	2.3	8.7	11	81	16	8.1	7.8	1.9	17	15	57
25	3.2	2.4	7.1	11	45	22	6.7	7.8	2.1	14	12	43
26	3.7	3.0	5.7	11	35	19	6.2	8.1	2.1	9.5	10	31
27	2.8	16	4.7	11	30	18	5.3	8.0	8.7	10	9.4	18
28	2.5	9.7	4.5	28	28	24	5.6	7.0	5.2	17	17	14
29	2.2	4.3	6.3	27	---	40	5.6	6.7	18	25	13	11
30	18	3.3	6.3	19	---	37	4.9	6.5	14	26	9.7	9.5
31	4.4	---	4.5	17	---	38	---	6.6	---	17	8.1	---
TOTAL	82.0	103.1	164.4	478.4	614	1055	446.6	171.5	206.9	315.8	436.0	353.1
MEAN	2.65	3.44	5.30	15.4	21.9	34.0	14.9	5.53	6.90	10.2	14.1	11.8
MAX	18	16	11	37	81	130	34	17	40	26	42	57
MIN	1.0	2.0	3.0	4.7	12	16	4.9	2.7	1.5	2.4	3.8	3.2
CFSM	.18	.23	.35	1.03	1.46	2.27	.99	.37	.46	.68	.94	.78
IN.	.20	.26	.41	1.19	1.52	2.62	1.11	.43	.51	.78	1.08	.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1994, BY WATER YEAR (WY)

	MEAN	35.0	15.5	13.6	25.7	22.5	36.7	28.1	18.9	11.6	9.41	10.2	5.90
MAX	114	31.7	22.0	46.5	28.4	47.7	40.2	44.8	19.9	21.7	21.4	11.8	
(WY)	1991	1993	1993	1993	1993	1991	1993	1991	1991	1991	1991	1994	
MIN	2.65	3.44	5.30	13.8	16.7	17.7	14.9	5.53	2.60	1.69	1.62	2.98	
(WY)	1994	1994	1994	1992	1992	1992	1994	1994	1993	1993	1993	1992	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1991 - 1994

ANNUAL TOTAL	5903.59	4426.8	
ANNUAL MEAN	16.2	12.1	19.4
HIGHEST ANNUAL MEAN			33.6
LOWEST ANNUAL MEAN			10.7
HIGHEST DAILY MEAN	200	130	1400
LOWEST DAILY MEAN	.57	1.0	.57
ANNUAL SEVEN-DAY MINIMUM	.68	1.3	.68
INSTANTANEOUS PEAK FLOW		210	*2440
INSTANTANEOUS PEAK STAGE		4.83	12.83
ANNUAL RUNOFF (CFSM)	1.08	.81	1.30
ANNUAL RUNOFF (INCHES)	14.64	10.98	17.61
10 PERCENT EXCEEDS	43	27	37
50 PERCENT EXCEEDS	4.5	8.1	12
90 PERCENT EXCEEDS	1.2	2.3	2.4

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

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

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

DRAINAGE AREA.--23.9 mi²;

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

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

REMARKS.--Records good except for estimated daily discharges, Dec. 30, 31, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	10	12	13	24	28	28	9.8	5.5	20	18	12
2	1.5	6.5	11	17	22	333	27	9.2	5.2	15	14	13
3	1.8	5.5	10	16	20	131	25	12	4.9	13	12	15
4	1.9	5.0	10	51	19	67	25	48	4.9	13	12	14
5	1.7	11	18	35	24	49	23	25	65	19	12	12
6	1.6	11	14	25	27	40	23	16	222	27	20	12
7	1.8	8.3	11	20	22	36	23	14	68	15	13	12
8	2.5	7.6	9.8	19	24	33	20	17	33	12	10	11
9	2.6	6.0	9.6	16	26	31	19	15	26	10	9.2	11
10	2.7	5.4	10	15	26	71	19	13	30	9.0	8.4	16
11	2.5	4.8	12	14	41	60	18	11	27	8.5	11	21
12	2.2	4.7	9.9	93	55	40	17	10	19	11	13	13
13	2.3	4.5	9.0	60	46	35	18	9.4	15	11	12	11
14	2.0	4.5	14	37	35	41	17	8.9	13	12	11	10
15	2.1	4.5	28	27	31	33	35	8.7	11	9.1	304	9.7
16	2.1	4.7	21	21	28	30	42	8.7	11	8.9	396	9.2
17	3.6	5.2	15	22	25	27	24	7.8	11	7.9	280	9.3
18	3.4	4.6	13	29	23	26	19	7.3	9.3	7.0	72	30
19	2.7	4.3	13	21	22	25	16	7.1	8.4	8.0	42	28
20	2.5	4.7	13	19	22	24	15	7.1	7.9	17	44	14
21	2.5	4.1	27	19	21	24	15	7.2	15	16	47	12
22	6.5	4.3	19	18	21	22	14	7.5	13	11	54	11
23	12	4.0	21	17	39	21	13	7.3	9.3	22	32	10
24	5.4	4.1	22	17	176	22	13	6.9	8.2	19	25	181
25	4.1	4.1	18	17	75	58	12	6.5	8.1	11	21	134
26	3.9	3.9	15	16	46	38	12	6.0	8.6	9.3	19	203
27	4.3	57	14	16	35	30	11	7.1	65	15	17	51
28	3.7	68	13	48	29	30	11	6.6	46	18	16	32
29	3.3	25	16	41	---	54	10	6.0	72	45	15	25
30	63	16	14	31	---	40	10	5.7	34	37	13	21
31	25	---	13	30	---	32	---	5.3	---	19	13	---
TOTAL	178.9	313.3	455.3	840	1004	1531	574	337.1	876.3	475.7	1585.6	963.2
MEAN	5.77	10.4	14.7	27.1	35.9	49.4	19.1	10.9	29.2	15.3	51.1	32.1
MAX	63	68	28	93	176	333	42	48	222	45	396	203
MIN	1.5	3.9	9.0	13	19	21	10	5.3	4.9	7.0	8.4	9.2
CFSM	.24	.44	.61	1.13	1.50	2.07	.80	.45	1.22	.64	2.14	1.34
IN.	.28	.49	.71	1.31	1.56	2.38	.89	.52	1.36	.74	2.47	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	20.2	19.9	27.1	39.4	41.9	49.4	35.1	21.3	12.3	12.0	18.9	13.1		
MAX	114	63.4	58.8	108	70.2	98.2	72.4	67.4	29.2	39.6	77.6	44.9		
(WY)	1991	1993	1984	1993	1990	1983	1993	1991	1994	1989	1991	1989		
MIN	1.70	2.84	6.22	8.75	18.1	13.2	8.30	5.09	.99	.27	2.28	1.94		
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1993	1981		

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	11491.67	9134.4	
ANNUAL MEAN	31.5	25.0	
HIGHEST ANNUAL MEAN			25.8
LOWEST ANNUAL MEAN			46.6
HIGHEST DAILY MEAN	620	396	1080
LOWEST DAILY MEAN	.39	1.5	.13
ANNUAL SEVEN-DAY MINIMUM	.55	1.7	.19
INSTANTANEOUS PEAK FLOW		802	**1770
INSTANTANEOUS PEAK STAGE		7.62	10.69
ANNUAL RUNOFF (CFSM)	1.32	1.05	1.08
ANNUAL RUNOFF (INCHES)	17.89	14.22	14.69
10 PERCENT EXCEEDS	68	46	50
50 PERCENT EXCEEDS	13	15	14
90 PERCENT EXCEEDS	1.9	4.6	2.5

* Also occurred on July 21, 30, 1986.

** From 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 sea level. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Oct. 31 to Nov. 8, Feb. 23, 24, May 15, 16, June 1 - 6, Aug. 26, 27, and Sept. 4, 5, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	258	447	466	644	1190	1610	1490	376	265	643	1520	1100
2	251	509	550	752	1220	2320	1410	381	268	896	1500	810
3	243	584	648	785	1280	3370	1350	380	270	991	1430	714
4	234	672	747	816	1340	3730	1350	376	275	1010	1400	658
5	226	765	808	833	1360	3870	1320	400	280	1060	1440	620
6	221	838	720	838	1290	3650	1220	441	287	1160	1580	605
7	221	804	582	842	1120	3170	1070	492	310	1220	1650	669
8	224	658	529	853	992	2720	938	569	328	933	1620	736
9	222	537	524	885	971	2500	850	667	438	679	1370	733
10	220	506	548	942	1030	2830	784	753	590	668	1040	662
11	221	497	580	998	1230	3410	739	754	808	695	859	588
12	226	471	559	1010	1360	3350	712	624	942	717	760	546
13	237	433	527	956	1380	2910	687	547	1010	638	688	524
14	241	406	525	898	1320	2430	677	501	1100	499	671	511
15	237	387	538	933	1260	1980	668	450	1290	434	625	509
16	233	374	538	1000	1240	1670	1010	430	1510	415	679	495
17	240	364	531	1080	1270	1530	1040	390	1540	432	841	466
18	241	357	532	1260	1330	1450	886	356	1220	447	1120	510
19	239	353	561	1360	1400	1340	796	336	740	432	1370	1050
20	246	351	623	1420	1460	1230	792	330	538	409	1490	1240
21	268	347	717	1450	1400	1120	829	321	467	402	1620	1120
22	283	345	726	1330	1130	1020	846	313	440	423	1920	1030
23	285	343	681	1140	864	926	757	306	431	485	2210	996
24	275	339	661	1040	1100	859	619	301	391	663	2240	1060
25	277	335	678	948	1280	1080	540	298	380	857	2290	1350
26	291	332	742	864	1360	1320	497	295	368	960	2460	1400
27	326	338	805	810	1430	1330	466	291	354	1060	2500	1280
28	355	367	815	860	1520	1290	437	286	355	1080	2320	1030
29	355	373	791	989	---	1320	406	277	377	1110	2090	1020
30	382	404	761	1030	---	1380	385	267	459	1160	1880	1190
31	425	---	702	1160	---	1450	---	263	---	1240	1580	---
TOTAL	8203	13836	19715	30726	35127	64165	25571	12771	18031	23818	46763	25222
MEAN	265	461	636	991	1255	2070	852	412	601	768	1508	841
MAX	425	838	815	1450	1520	3870	1490	754	1540	1240	2500	1400
MIN	220	332	466	644	864	859	385	263	265	402	625	466
CFSM	.26	.45	.62	.96	1.22	2.01	.83	.40	.58	.75	1.46	.82
IN.	.30	.50	.71	1.11	1.27	2.32	.92	.46	.65	.86	1.69	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1994, BY WATER YEAR (WY)

MEAN	685	689	1022	1496	1711	1952	1555	805	597	664	710	684
MAX	3932	2347	3320	4464	4747	4874	4930	2180	1934	2331	2181	6326
(WY)	1965	1948	1949	1993	1973	1983	1936	1991	1973	1975	1971	1945
MIN	163	207	276	350	495	500	453	241	194	125	158	116
(WY)	1952	1932	1934	1934	1934	1938	1985	1981	1986	1986	1954	1954

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1930 - 1994

ANNUAL TOTAL	431659	323948	
ANNUAL MEAN	1183	888	1044
HIGHEST ANNUAL MEAN			1823
LOWEST ANNUAL MEAN			451
HIGHEST DAILY MEAN	8030	Jan 15	24500
LOWEST DAILY MEAN	195	Sep 4	95
ANNUAL SEVEN-DAY MINIMUM	204	Sep 1	97
INSTANTANEOUS PEAK FLOW			3890
INSTANTANEOUS PEAK STAGE			12.63
INSTANTANEOUS LOW FLOW			220
ANNUAL RUNOFF (CFSM)	1.15	.86	1.01
ANNUAL RUNOFF (INCHES)	15.59	11.70	13.78
10 PERCENT EXCEEDS	2850	1490	2260
50 PERCENT EXCEEDS	509	740	687
90 PERCENT EXCEEDS	234	291	260

* Also occurred on Oct. 7, 9 - 11.

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 1993 TO SEPTEMBER 1994

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)	PH WATER WHOLE FIELD (STAND- ARD UNITS)
NOV 19...	1600	353	760	17.5	K17	230	20	31	8.4	88	14	7.0
JAN 12...	1630	1010	760	8.0	--	260	10	12	11.8	100	15	6.6
MAR 29...	1900	1340	760	19.0	93	K56	18	14	8.7	94	17	6.4
APR 19...	1300	791	760	19.0	--	--	--	--	7.9	85	--	6.6
MAY 12...	1530	600	755	22.0	K50	110	13	15	7.2	83	14	6.9
JUL 26...	1830	995	755	26.0	300	460	9	11	7.2	90	14	6.9
SEP 27...	1300	1270	760	25.0	120	190	13	14	6.3	77	17	6.8

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)	SILICA, DIS- SOLVED (MG/L AS SIO2)
NOV 19...	125	1.8	3.5	1.3	1.6	20	73	2	10	0.10	23	7.6
JAN 12...	60	4.2	3.6	1.5	1.6	10	56	1	8.6	<0.10	14	7.0
MAR 29...	72	1.5	4.3	1.5	1.7	7.8	47	0.8	7.5	<0.10	7.9	4.5
APR 19...	85	--	--	--	--	--	--	--	--	--	--	--
MAY 12...	102	7.3	3.3	1.3	1.3	14	67	2	11	<0.10	13	6.9
JUL 26...	75	3.5	3.7	1.2	1.4	8.2	53	0.9	6.1	0.10	9.5	8.0
SEP 27...	69	2.2	4.4	1.4	2.3	7.7	46	0.8	7.3	<0.10	8.2	6.5

DATE	SOLIDS, RESIDUE AT 180 DEG. C 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, 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, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)
NOV 19...	89	79	0.12	84.8	0.390	<0.010	0.390	0.390	0.020	0.03	0.18	0.20
JAN 12...	69	53	0.09	188	0.210	0.020	0.230	0.230	0.030	0.04	0.27	0.30
MAR 29...	61	45	0.08	221	0.160	<0.010	0.160	0.160	0.030	0.04	0.57	0.60
APR 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 12...	69	59	0.09	112	0.310	<0.010	0.310	0.310	0.030	0.04	0.37	0.40
JUL 26...	53	43	0.07	142	0.160	<0.010	0.160	0.160	0.040	0.05	0.56	0.60
SEP 27...	77	46	0.10	264	0.150	0.010	0.160	0.160	0.040	0.05	0.56	0.60

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (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)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
NOV 19...	0.06	0.020	0.020	0.030	50	16	<3	460	8	7.6	<4	32
JAN 12...	0.03	0.010	0.020	0.020	100	21	<3	260	11	30	<4	29
MAR 29...	0.03	0.010	0.010	0.090	--	--	--	--	17	62	--	--
APR 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 12...	0.06	0.020	0.030	0.040	60	18	<3	690	14	23	<4	28
JUL 26...	0.06	0.020	0.030	0.060	--	--	--	--	19	51	--	--
SEP 27...	0.03	0.010	<0.010	0.030	180	31	<3	430	10	34	<4	36

DATE	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)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	SI- MAZINE, WATER, DISS, REC (UG/L)	PRO- METRYN, WATER, DISS, REC (UG/L)	PRO- METON, WATER, DISS, REC (UG/L)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L)
NOV 19...	95	<10	<1	<1	<1.0	22	<6	--	--	--	--	--
JAN 12...	98	<10	<1	<1	<1.0	19	<6	--	--	--	--	--
MAR 29...	75	--	--	--	--	--	--	--	--	--	--	--
APR 19...	--	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05
MAY 12...	99	<10	<1	<1	<1.0	21	<6	--	--	--	--	--
JUL 26...	98	--	--	--	--	--	--	--	--	--	--	--
SEP 27...	94	<10	<1	<1	<1.0	27	<6	--	--	--	--	--

DATE	CYANA- ZINE, WATER, DISS, REC (UG/L)	AMETRYN WATER, DISS, REC (UG/L)	PROP- AZINE WATER DISS REC (UG/L)	METO- LACHLOR WATER DISSOLV (UG/L)	ATRA- ZINE, WATER, DISS, REC (UG/L)	ALA- CHLOR, WATER, DISS, REC (UG/L)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)
NOV 19...	--	--	--	--	--	--	--	0.59	--	0	--	--
JAN 12...	--	--	--	--	--	--	--	0.53	0.210	7	0.93	0.07
MAR 29...	--	--	--	--	--	--	--	0.76	--	2	--	--
APR 19...	<0.20	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--
MAY 12...	--	--	--	--	--	--	--	0.71	--	3	--	--
JUL 26...	--	--	--	--	--	--	--	0.76	--	7	--	--
SEP 27...	--	--	--	--	--	--	--	0.76	0.150	6	0.66	0.03

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 sea level. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Apr. 15 - 20, which are poor.

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	606	655	947	2090	4610	3430	3180	2000	427	1950	3740	3590
2	577	708	981	2280	4760	3930	3230	1810	403	1900	3700	3310
3	537	775	1030	2310	4860	4440	3270	1600	395	1870	3660	3160
4	492	836	1090	2450	4890	5090	3280	1490	384	1890	3670	3060
5	451	914	1160	2580	4880	5950	3290	1480	362	1970	3690	2960
6	416	989	1200	2730	4820	6650	3270	1540	357	2100	3700	2890
7	388	1050	1210	2880	4710	7040	3240	1610	380	2190	3570	2870
8	390	1110	1220	3040	4610	7330	3190	1680	439	2240	3350	2850
9	382	1160	1230	3160	4500	7530	3140	1800	460	2250	3110	2900
10	370	1210	1260	3240	4440	7530	3060	1920	542	2230	2860	3040
11	367	1240	1330	3290	4400	7300	2950	1990	858	2320	2650	3210
12	372	1270	1360	3440	4420	6970	2850	2010	1420	2570	2490	3350
13	381	1290	1380	3530	4500	6630	2760	1970	2320	2700	2370	3390
14	389	1290	1420	3630	4570	6350	2650	1900	3030	2680	2250	3360
15	393	1290	1470	3740	4570	6040	2530	1810	3440	2570	2140	3290
16	402	1280	1490	3800	4510	5740	2550	1710	3650	2380	2090	3190
17	463	1250	1520	3850	4430	5430	2740	1590	3730	2180	2110	3090
18	496	1200	1550	4050	4310	5170	3190	1460	3800	1970	2200	3210
19	509	1140	1570	4190	4190	4890	3810	1300	3840	1740	2400	3440
20	520	1070	1600	4340	4040	4630	4370	1130	3810	1500	2860	3240
21	538	985	1660	4470	3920	4390	4460	938	3710	1590	4330	3250
22	548	904	1680	4540	3760	4140	4480	789	3470	1680	6450	3420
23	548	837	1740	4530	3640	3910	4370	677	3190	1890	7690	3470
24	541	786	1800	4500	3640	3700	4170	596	2860	2140	7810	3850
25	535	744	1850	4440	3550	3740	3860	536	2530	2350	7200	5310
26	536	715	1900	4370	3510	3600	3460	488	2220	2490	6480	6340
27	533	715	1940	4270	3490	3430	3100	469	2010	2570	5810	6860
28	517	785	1980	4240	3460	3320	2760	484	1940	2770	5260	7440
29	502	834	2010	4260	---	3260	2470	481	1940	3030	4760	7390
30	547	900	2040	4330	---	3150	2210	460	1990	3310	4310	6480
31	616	---	2050	4480	---	3150	---	447	---	3610	3940	---
TOTAL	14862	29932	46668	113050	119990	157860	97890	40165	59907	70630	122650	117210
MEAN	479	998	1505	3647	4285	5092	3263	1296	1997	2278	3956	3907
MAX	616	1290	2050	4540	4890	7530	4480	2010	3840	3610	7810	7440
MIN	367	655	947	2090	3460	3150	2210	447	357	1500	2090	2850
CFSM	.17	.36	.54	1.31	1.54	1.83	1.17	.46	.72	.82	1.42	1.40
IN.	.20	.40	.62	1.51	1.60	2.10	1.31	.54	.80	.94	1.64	1.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1994, BY WATER YEAR (WY)

	MEAN	1846	1780	2808	4257	5203	5856	4633	2266	1792	1916	2454	2318
MAX	14020	9623	10680	11760	15610	14710	12450	7308	7167	6650	11460	12410	
(WY)	1965	1948	1949	1993	1973	1983	1973	1978	1966	1961	1974	1945	
MIN	344	499	821	1082	1361	1607	962	557	432	238	281	212	
(WY)	1952	1974	1952	1952	1989	1981	1981	1981	1990	1990	1954	1954	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1942 - 1994

ANNUAL TOTAL	1060022	990814	
ANNUAL MEAN	2904	2715	
HIGHEST ANNUAL MEAN			3096
LOWEST ANNUAL MEAN			5947
HIGHEST DAILY MEAN	22700	Jan 14	7810
LOWEST DAILY MEAN	272	Sep 4	357
ANNUAL SEVEN-DAY MINIMUM	291	Jul 13	379
INSTANTANEOUS PEAK FLOW			7930
INSTANTANEOUS PEAK STAGE			9.62
INSTANTANEOUS LOW FLOW			346
ANNUAL RUNOFF (CFSM)	1.04	.97	
ANNUAL RUNOFF (INCHES)	14.13	13.21	
10 PERCENT EXCEEDS	6750	4660	7000
50 PERCENT EXCEEDS	1180	2570	2080
90 PERCENT EXCEEDS	388	536	622

* Also occurred on Aug. 24.

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.

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, 213 microsiemens, Oct. 24; minimum, 76 microsiemens, Mar. 12 - 14.

WATER TEMPERATURE: Maximum, 30.0°C, July 15, 16; minimum, 2.5°C, Jan. 23.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 23, 24; minimum, 3.5 mg/L, June 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	189	178	184	160	154	155	166	161	163	124	121	123
2	193	184	189	155	152	153	162	151	157	125	121	123
3	191	183	186	155	150	152	152	139	146	128	124	126
4	189	183	187	151	137	143	141	134	137	128	123	126
5	191	181	187	144	138	142	137	127	131	124	122	123
6	187	181	183	144	134	139	139	129	131	127	124	126
7	191	186	189	140	134	136	147	139	143	128	122	125
8	190	176	186	136	132	133	152	147	149	123	118	121
9	191	176	185	136	133	135	154	151	152	118	115	117
10	190	173	181	140	135	138	154	150	153	120	116	118
11	197	189	194	141	139	140	153	142	147	122	120	121
12	196	184	190	143	139	141	142	128	133	125	120	123
13	185	180	183	154	143	150	135	127	130	126	125	125
14	183	175	178	153	145	149	141	135	138	133	126	130
15	189	176	181	166	150	158	143	140	142	130	127	129
16	204	187	197	158	147	151	147	142	144	132	128	130
17	204	189	196	152	148	150	151	146	149	130	124	127
18	211	203	208	156	152	154	149	144	146	125	119	122
19	211	204	208	166	156	162	146	135	140	119	116	117
20	204	200	202	168	148	158	139	135	137	116	114	115
21	206	198	203	162	151	157	138	132	134	115	111	113
22	207	199	203	162	160	161	141	132	134	112	110	111
23	207	202	204	164	160	163	146	141	142	112	109	110
24	213	205	209	166	159	163	143	139	142	111	109	110
25	210	204	207	167	161	163	148	135	140	112	110	111
26	210	199	205	164	161	163	136	131	133	112	109	111
27	199	193	195	166	163	164	134	132	133	110	107	108
28	199	194	197	166	161	163	136	132	134	112	108	109
29	199	196	198	163	160	162	135	129	131	110	108	109
30	197	191	195	166	163	164	129	125	126	113	108	111
31	197	160	169	---	---	---	128	124	126	114	110	112
MONTH	213	160	193	168	132	152	166	124	140	133	107	119

PEE DEE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	22.0	23.0	17.0	16.0	16.5	13.0	12.0	12.5	6.5	5.5	6.0
2	22.5	21.5	22.0	16.0	15.0	15.5	12.0	11.5	12.0	6.5	6.0	6.0
3	22.5	21.5	22.0	15.0	14.5	14.5	11.5	11.0	11.5	7.0	6.0	6.5
4	22.5	22.0	22.0	14.5	14.0	14.0	12.0	11.0	11.5	7.0	6.5	7.0
5	23.0	22.5	22.5	14.5	14.0	14.5	13.0	12.0	12.5	7.0	6.5	6.5
6	22.5	22.0	22.5	15.0	14.0	14.5	13.0	12.5	12.5	7.0	6.5	6.5
7	22.0	21.5	22.0	15.0	14.5	14.5	12.5	12.0	12.5	7.5	6.5	7.0
8	21.5	21.0	21.5	14.5	14.0	14.5	12.0	11.5	12.0	8.0	7.5	8.0
9	21.5	21.0	21.5	14.0	13.5	14.0	11.5	11.0	11.5	8.0	7.0	7.5
10	22.0	21.5	22.0	13.5	13.0	13.0	11.0	11.0	11.0	7.0	6.5	6.5
11	22.0	21.0	21.5	13.0	12.5	12.5	11.0	10.0	10.5	6.5	6.0	6.5
12	21.0	20.5	20.5	12.5	12.0	12.0	10.0	9.0	9.5	7.0	6.5	7.0
13	20.5	20.0	20.5	13.5	12.0	12.5	9.5	8.5	9.0	7.0	7.0	7.0
14	20.0	19.5	20.0	13.5	12.5	13.0	9.0	8.0	8.5	7.5	7.0	7.5
15	20.0	19.5	19.5	14.5	13.0	14.0	8.5	7.5	8.0	7.5	6.5	7.5
16	19.5	19.0	19.5	16.0	14.5	15.0	8.5	7.5	8.0	6.5	5.0	6.0
17	19.5	19.0	19.5	17.0	15.5	16.5	8.5	8.0	8.5	6.0	5.0	5.5
18	20.0	19.5	19.5	18.0	17.0	17.5	8.5	7.5	8.0	6.0	5.5	6.0
19	20.5	19.5	20.0	18.5	17.5	18.0	9.0	8.5	9.0	5.5	4.0	4.5
20	21.0	20.0	20.5	18.5	17.5	18.0	9.0	8.5	8.5	4.0	3.5	3.5
21	22.0	21.0	21.5	17.5	16.5	17.0	9.0	8.5	9.0	3.5	3.0	3.0
22	22.0	21.5	22.0	16.5	15.0	16.0	9.0	8.5	8.5	3.0	3.0	3.0
23	22.0	21.0	21.5	15.5	14.5	15.0	8.5	8.0	8.0	3.5	2.5	3.0
24	21.0	20.0	20.5	15.0	14.5	14.5	8.0	7.0	7.5	4.0	3.0	3.5
25	20.5	19.5	20.0	15.0	14.5	14.5	7.5	7.0	7.0	5.0	4.0	4.5
26	20.0	19.5	19.5	15.0	14.5	14.5	7.0	6.5	6.5	6.0	5.0	5.0
27	20.0	19.0	19.5	14.5	14.5	14.5	7.5	6.5	6.5	6.5	6.0	6.0
28	20.0	19.0	19.5	15.0	14.0	14.5	7.0	6.5	6.5	8.5	6.5	7.5
29	19.0	18.5	19.0	14.5	13.5	14.0	6.5	6.5	6.5	9.0	8.5	8.5
30	18.5	18.0	18.5	14.0	13.0	13.5	7.0	6.5	6.5	9.0	8.5	9.0
31	18.5	17.0	18.0	---	---	---	6.5	5.5	6.0	8.5	7.5	8.0
MONTH	23.5	17.0	20.7	18.5	12.0	14.7	13.0	5.5	9.2	9.0	2.5	6.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.5	7.0	7.5	11.0	10.5	10.5	17.5	16.5	17.0	23.5	23.0	23.0
2	7.5	7.0	7.0	11.5	11.0	11.5	16.5	15.5	16.0	23.5	22.5	23.0
3	7.0	6.5	6.5	11.5	10.5	11.0	16.0	15.5	16.0	22.5	21.5	22.0
4	7.0	6.5	6.5	11.5	10.5	10.5	17.0	16.0	16.5	21.5	20.0	21.0
5	7.0	7.0	7.0	12.0	11.0	11.5	17.5	16.5	17.0	20.5	19.5	20.0
6	7.5	7.0	7.5	12.5	11.5	12.0	18.0	17.0	17.5	20.5	19.5	20.0
7	8.5	7.5	8.0	13.5	12.0	12.5	18.5	18.0	18.5	21.0	20.0	20.5
8	8.5	8.0	8.5	14.0	13.0	13.5	18.5	17.5	18.0	21.5	21.0	21.0
9	10.5	8.5	9.5	15.0	14.0	14.5	18.0	17.5	18.0	21.5	20.5	21.0
10	10.5	10.5	10.5	15.5	15.0	15.5	18.5	17.5	18.0	21.0	20.5	21.0
11	10.5	9.5	10.0	15.5	14.5	15.0	19.0	18.5	18.5	21.5	20.5	21.0
12	9.5	9.0	9.5	15.0	14.0	14.5	19.5	19.0	19.0	23.0	21.0	22.0
13	9.5	8.5	9.0	14.5	13.5	14.0	19.5	19.0	19.5	23.5	22.5	23.0
14	9.5	8.5	8.5	14.0	13.5	14.0	20.5	19.5	20.0	23.0	22.5	23.0
15	8.5	8.0	8.0	14.5	13.5	14.0	20.5	20.0	20.5	23.0	22.5	23.0
16	8.5	8.0	8.0	14.5	14.0	14.5	21.0	20.5	21.0	24.0	23.0	23.5
17	8.5	8.0	8.5	14.5	13.5	14.0	21.0	20.5	20.5	24.0	23.5	24.0
18	9.5	8.5	9.0	14.5	13.5	14.0	21.0	20.0	20.5	25.0	23.5	24.0
19	10.0	9.0	9.5	15.0	14.0	14.5	21.0	20.0	20.5	24.0	23.0	23.5
20	11.0	10.0	10.5	15.5	14.5	15.0	21.5	20.5	21.0	23.5	22.0	22.5
21	12.0	11.0	11.5	16.0	15.0	15.5	21.5	21.0	21.0	23.0	20.5	22.0
22	12.5	12.0	12.0	16.5	16.0	16.5	21.5	21.0	21.5	22.0	20.5	21.5
23	13.5	12.5	13.0	17.0	16.0	16.5	21.0	20.5	20.5	22.5	21.0	22.0
24	14.5	13.5	14.0	18.0	17.0	17.5	21.0	20.0	20.5	23.0	22.0	22.5
25	14.0	13.5	13.5	18.5	18.0	18.0	21.0	20.0	20.5	24.0	23.0	23.5
26	13.5	13.0	13.5	18.5	18.0	18.0	21.0	20.5	21.0	25.5	23.5	24.5
27	13.0	11.5	12.0	19.0	18.0	18.5	21.5	20.5	21.0	26.5	24.5	25.5
28	11.5	10.0	10.5	19.0	19.0	19.0	22.5	21.5	22.0	26.5	25.5	26.0
29	---	---	---	19.0	19.0	19.0	23.5	22.5	23.0	26.5	25.5	26.0
30	---	---	---	19.0	18.5	18.5	23.5	23.0	23.5	25.5	25.0	25.5
31	---	---	---	18.5	17.5	18.0	---	---	---	25.5	25.0	25.0
MONTH	14.5	6.5	9.6	19.0	10.5	14.9	23.5	15.5	19.6	26.5	19.5	22.8

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 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.3	4.7	5.0	7.4	6.7	7.1	8.0	7.2	7.5	9.5	9.2	9.4
2	5.5	5.1	5.3	7.6	7.2	7.4	8.5	7.8	8.0	9.6	9.3	9.5
3	5.5	5.1	5.4	7.9	7.5	7.7	8.7	8.1	8.4	9.5	9.1	9.3
4	5.8	5.4	5.5	8.2	7.9	8.0	8.8	8.2	8.5	9.2	8.6	8.9
5	5.9	5.5	5.7	8.2	7.9	8.1	8.8	7.9	8.3	8.7	8.5	8.6
6	5.8	5.5	5.7	8.4	7.8	8.1	8.3	7.7	7.9	9.0	8.6	8.8
7	5.6	5.3	5.5	8.3	7.5	7.9	8.2	7.5	7.8	9.6	9.0	9.2
8	5.6	5.4	5.5	8.1	7.5	7.9	8.0	7.6	7.8	9.5	9.0	9.2
9	6.1	5.4	5.7	8.1	7.5	7.9	8.1	7.6	7.9	9.6	9.1	9.3
10	6.3	5.7	6.1	8.0	7.7	7.9	8.4	7.8	8.2	9.4	9.1	9.2
11	6.0	5.6	5.8	8.2	7.7	8.0	8.8	8.1	8.5	9.4	9.1	9.2
12	6.3	5.9	6.2	8.4	8.1	8.3	8.9	8.5	8.7	9.2	9.1	9.2
13	6.4	6.1	6.2	8.3	7.9	8.1	8.8	8.4	8.6	9.3	9.1	9.2
14	6.4	6.2	6.3	8.7	8.0	8.3	8.9	8.6	8.7	9.6	9.1	9.3
15	6.6	6.3	6.4	8.5	7.7	8.0	8.8	8.5	8.7	9.3	9.2	9.3
16	6.7	6.2	6.5	8.2	7.1	7.6	8.9	8.4	8.6	9.8	9.3	9.5
17	7.3	6.6	6.9	7.7	6.6	7.1	9.3	8.7	8.9	10.0	9.7	9.8
18	6.8	5.3	6.1	6.9	6.0	6.5	9.6	8.9	9.3	10.0	9.9	9.9
19	5.6	5.0	5.3	6.3	5.5	6.0	9.3	8.7	9.0	10.2	10.0	10.1
20	5.2	4.8	5.0	6.5	5.5	6.0	9.3	8.6	8.9	10.6	10.2	10.4
21	5.1	4.7	4.9	6.6	5.9	6.3	8.8	8.3	8.5	10.9	10.5	10.7
22	5.4	4.9	5.2	6.9	6.2	6.5	8.6	8.1	8.3	11.1	10.9	11.0
23	5.6	5.0	5.5	7.3	6.6	7.0	8.3	8.0	8.1	11.4	11.1	11.3
24	5.6	5.3	5.4	7.3	6.9	7.2	8.6	8.1	8.3	11.4	10.6	11.1
25	5.8	5.4	5.6	7.5	6.8	7.2	9.1	8.6	8.8	10.6	10.2	10.3
26	6.2	5.6	5.9	7.4	6.9	7.2	9.1	8.8	8.9	10.2	9.6	9.9
27	6.3	6.0	6.1	7.7	7.2	7.5	9.1	8.9	9.0	9.6	9.1	9.3
28	6.4	5.9	6.2	7.8	7.0	7.5	9.2	8.9	9.0	9.1	8.9	9.0
29	6.7	6.2	6.4	7.6	6.8	7.2	8.9	8.6	8.8	9.0	8.6	8.8
30	7.1	6.4	6.7	7.4	7.0	7.2	8.9	8.6	8.7	8.7	8.4	8.6
31	7.2	6.7	6.9	---	---	---	9.5	8.6	9.1	8.6	8.4	8.5
MONTH	7.3	4.7	5.8	8.7	5.5	7.4	9.6	7.2	8.5	11.4	8.4	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.7	8.4	8.6	7.4	7.2	7.3	6.2	5.6	5.9	---	---	---
2	8.7	8.4	8.6	7.5	7.2	7.4	6.3	6.1	6.2	---	---	---
3	8.5	8.4	8.4	7.2	7.0	7.0	6.3	6.0	6.2	---	---	---
4	8.5	8.3	8.4	7.0	6.8	6.9	6.0	5.5	5.7	---	---	---
5	8.5	8.3	8.4	6.9	6.7	6.8	5.5	5.1	5.3	---	---	---
6	8.3	8.2	8.3	6.8	6.6	6.7	5.1	4.8	4.9	---	---	---
7	8.2	8.1	8.1	6.7	6.4	6.6	4.8	4.6	4.7	---	---	---
8	8.1	7.9	8.0	6.4	6.1	6.3	4.8	4.6	4.7	---	---	---
9	7.9	7.5	7.7	6.1	5.8	6.0	4.9	4.6	4.7	---	---	---
10	7.5	7.0	7.2	5.8	5.4	5.6	4.8	4.6	4.7	---	---	---
11	7.0	6.9	6.9	5.6	5.4	5.5	4.8	4.6	4.7	---	---	---
12	7.3	7.0	7.1	5.7	5.5	5.6	4.7	4.6	4.6	---	---	---
13	7.6	7.3	7.5	5.8	5.6	5.7	4.6	4.3	4.5	---	---	---
14	8.1	7.6	7.8	6.0	5.8	5.9	4.3	4.2	4.2	6.0	5.1	5.5
15	8.4	8.1	8.3	6.2	6.0	6.1	4.2	4.1	4.2	5.9	5.0	5.3
16	8.5	8.3	8.5	6.2	6.0	6.1	4.1	4.0	4.0	5.5	4.8	5.0
17	8.4	8.3	8.4	6.2	6.0	6.1	4.2	4.0	4.1	5.3	4.5	4.9
18	8.3	8.1	8.2	6.4	6.0	6.2	4.2	4.0	4.1	5.1	4.6	4.8
19	8.1	7.9	8.0	6.4	6.1	6.2	4.3	4.1	4.2	5.1	4.7	4.8
20	7.9	7.6	7.7	6.4	6.2	6.3	4.6	4.2	4.3	5.7	4.9	5.3
21	7.6	7.4	7.4	6.3	6.1	6.2	4.8	4.6	4.7	5.9	5.0	5.5
22	7.4	7.2	7.2	6.3	5.9	6.1	4.8	4.4	4.5	6.1	5.4	5.8
23	7.2	6.8	7.0	6.2	5.9	6.0	4.5	4.2	4.4	6.1	5.1	5.7
24	6.8	6.6	6.6	6.0	5.2	5.5	---	---	---	5.8	5.0	5.3
25	6.7	6.4	6.6	5.2	5.0	5.0	---	---	---	5.7	4.7	5.1
26	6.8	6.5	6.6	5.1	4.8	4.9	---	---	---	5.2	4.6	4.9
27	7.2	6.8	7.0	5.2	4.9	5.1	---	---	---	5.2	4.6	4.9
28	7.6	7.2	7.4	5.2	5.0	5.1	---	---	---	5.3	4.8	5.0
29	---	---	---	5.2	4.8	5.0	---	---	---	5.5	4.8	5.2
30	---	---	---	4.9	4.7	4.8	---	---	---	5.5	4.7	5.2
31	---	---	---	5.7	4.9	5.4	---	---	---	5.3	4.8	5.0
MONTH	8.7	6.4	7.7	7.5	4.7	6.0	6.3	4.0	4.8	6.1	4.5	5.2

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 sea level.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	219	132	93	138	211	155	26	14	113	144	21
2	22	223	125	116	134	236	145	24	14	135	139	22
3	21	203	119	129	126	278	134	24	16	148	161	35
4	20	172	107	133	118	308	125	83	17	128	169	49
5	19	149	100	137	113	330	114	128	19	61	175	52
6	18	134	104	136	113	279	106	136	21	57	166	47
7	18	122	107	130	113	216	101	145	37	96	153	43
8	20	112	106	122	115	180	96	147	47	144	140	37
9	26	104	102	114	121	158	91	126	46	173	119	32
10	28	95	100	106	125	151	87	80	39	142	90	29
11	28	84	107	98	129	143	83	63	35	91	53	27
12	26	75	111	113	135	136	79	48	32	33	71	25
13	25	70	112	143	140	132	79	39	28	24	74	25
14	24	68	113	158	138	132	87	33	24	26	57	29
15	25	66	120	166	135	130	87	29	27	21	51	23
16	25	64	121	164	128	124	105	28	23	16	94	20
17	38	62	117	153	120	118	105	26	19	13	127	20
18	52	62	113	149	112	112	90	23	17	12	165	56
19	51	61	108	139	106	107	72	22	16	13	213	155
20	45	61	104	132	96	103	59	20	14	17	194	182
21	42	62	109	124	89	98	50	20	13	37	166	195
22	48	60	111	120	86	95	44	19	13	85	146	187
23	103	56	115	115	91	91	42	18	12	133	132	151
24	115	54	119	111	165	90	40	17	12	127	132	126
25	107	54	121	106	236	136	37	16	12	115	126	117
26	102	54	119	100	531	153	34	16	12	85	109	132
27	108	73	114	100	469	183	32	15	16	52	79	105
28	107	135	109	111	294	214	30	15	39	125	46	87
29	95	151	103	127	---	215	28	15	72	167	34	79
30	127	142	98	134	---	190	28	14	95	197	28	63
31	191	---	93	136	---	170	---	14	---	169	24	---
TOTAL	1697	3047	3439	3915	4416	5219	2365	1429	801	2755	3577	2171
MEAN	54.7	102	111	126	158	168	78.8	46.1	26.7	88.9	115	72.4
MAX	191	223	132	166	531	330	155	147	95	197	213	195
MIN	18	54	93	93	86	90	28	14	12	12	24	20
CFSM	.57	1.06	1.16	1.32	1.64	1.75	.82	.48	.28	.93	1.20	.75
IN.	.66	1.18	1.33	1.52	1.71	2.02	.92	.55	.31	1.07	1.39	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1994, BY WATER YEAR (WY)

MEAN	82.6	95.0	118	155	156	170	130	73.2	64.9	57.7	76.3	61.4
MAX	563	176	230	310	271	309	255	159	209	182	262	270
(WY)	1991	1986	1984	1993	1973	1971	1983	1975	1973	1975	1991	1979
MIN	16.9	28.0	64.4	75.5	73.1	72.5	38.6	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1968 - 1994

ANNUAL TOTAL	38506.1	34831	
ANNUAL MEAN	105	95.4	
HIGHEST ANNUAL MEAN			104
LOWEST ANNUAL MEAN			170
HIGHEST DAILY MEAN	1080	531	4150
LOWEST DAILY MEAN	9.1	12	3.5
ANNUAL SEVEN-DAY MINIMUM	11	13	3.9
INSTANTANEOUS PEAK FLOW		592	4500
INSTANTANEOUS PEAK STAGE		7.12	11.80
ANNUAL RUNOFF (CFSM)	1.10	1.99	1.08
ANNUAL RUNOFF (INCHES)	14.92	13.50	14.65
10 PERCENT EXCEEDS	207	165	204
50 PERCENT EXCEEDS	88	100	80
90 PERCENT EXCEEDS	13	20	19

* Also occurred on June 24 - 26, July 18.

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 1993 TO SEPTEMBER 1994

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, DIS-SOLVED (MG/L)	HARD-NESS TOTAL (MG/L AS CACO3)
NOV 17...	1500	63	760	17.0	--	61	5	2.3	7.4	77	5
JAN 12...	1530	120	760	7.0	<3	280	1	4.1	10.8	89	5
MAR 29...	1330	216	760	18.5	K54	74	2	1.2	9.5	102	5
APR 19...	0920	74	760	17.0	--	--	--	--	6.9	72	--
MAY 13...	1115	40	760	19.0	72	150	1	2.5	6.8	74	5
JUL 26...	1330	84	755	25.0	170	160	1	1.7	6.4	78	5
SEP 27...	1615	98	760	22.0	120	200	1	2.1	5.0	57	6

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 17...	5.3	35	1.6	0.93	0.72	0.50	2.8	51	0.5	4.8	<0.10
JAN 12...	5.3	22	2.0	0.88	0.73	0.60	2.5	48	0.5	4.1	<0.10
MAR 29...	5.0	29	1.2	0.94	0.62	0.50	2.1	45	0.4	3.4	<0.10
APR 19...	5.4	23	--	--	--	--	--	--	--	--	--
MAY 13...	5.8	60	2.4	0.77	0.64	0.50	2.7	53	0.6	4.2	<0.10
JUL 26...	4.9	30	1.5	1.0	0.62	0.50	2.7	51	0.5	5.1	0.10
SEP 27...	5.1	30	1.3	1.3	0.69	0.80	2.9	47	0.5	4.2	<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, 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)
NOV 17...	2.4	9.3	34	25	0.05	5.78	0.150	<0.010	0.150	0.150	0.020
JAN 12...	2.9	6.4	32	20	0.04	10.4	0.150	0.020	0.170	0.170	0.030
MAR 29...	2.1	3.5	36	14	0.05	21.0	--	<0.010	<0.050	--	<0.010
APR 19...	--	--	--	--	--	--	--	--	--	--	--
MAY 13...	0.80	6.6	21	19	0.03	2.27	0.310	<0.010	0.310	0.310	0.050
JUL 26...	1.6	10	40	22	0.05	9.07	0.075	<0.010	0.075	0.075	0.030
SEP 27...	0.70	8.8	61	21	0.08	16.1	0.057	0.010	0.067	0.067	0.030

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	NITRO- GEN, AM- MONIA DIS- SOLVED (MG/L AS NH ₄)	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 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)
NOV 17...	0.03	0.18	0.20	--	<0.010	<0.010	<0.010	120	12	<3	140
JAN 12...	0.04	0.17	0.20	0.03	0.010	<0.010	<0.010	180	11	<3	120
MAR 29...	--	0.40	0.40	--	<0.010	<0.010	0.020	--	--	--	--
APR 19...	--	--	--	--	--	--	--	--	--	--	--
MAY 13...	0.06	0.45	0.50	0.06	0.020	0.020	0.010	130	13	<3	520
JUL 26...	0.04	0.47	0.50	--	<0.010	<0.010	0.020	--	--	--	--
SEP 27...	0.04	0.47	0.50	--	<0.010	<0.010	<0.010	320	15	<3	760

DATE	SEDI- MENT, DIS- SOLVED (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)
NOV 17...	8	1.4	<4	43	93	<10	<1	<1	<1.0	7
JAN 12...	7	2.3	<4	35	73	<10	<1	<1	<1.0	6
MAR 29...	10	5.8	--	--	88	--	--	--	--	--
APR 19...	--	--	--	--	--	--	--	--	--	--
MAY 13...	8	0.86	<4	36	100	<10	<1	<1	<1.0	7
JUL 26...	9	2.0	--	--	76	--	--	--	--	--
SEP 27...	7	1.9	<4	47	97	<10	<1	<1	<1.0	9

DATE	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	SI- MAZINE, WATER, DISS, REC (UG/L)	PRO- METRYN, WATER, DISS, REC (UG/L)	PRO- METON, WATER, DISS, REC (UG/L)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L)	DEETHYL ATRAZIN WATER, DISS, REC (UG/L)	CYANA- ZINE, WATER, DISS, REC (UG/L)	AMETRYN WATER, DISS, REC (UG/L)
NOV 17...	--	<6	--	--	--	--	--	--	--	--
JAN 12...	0.02	<6	0.23	--	--	--	--	--	--	--
MAR 29...	--	--	--	--	--	--	--	--	--	--
APR 19...	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.20	<0.05
MAY 13...	--	<6	--	--	--	--	--	--	--	--
JUL 26...	--	--	--	--	--	--	--	--	--	--
SEP 27...	--	<6	--	--	--	--	--	--	--	--

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	PROP- AZINE WATER DISS REC (UG/L)	METO- LACHLOR WATER DISSOLV (UG/L)	ATRA- ZINE, WATER, DISS, REC (UG/L)	ALA- CHLOR, WATER, DISS, REC (UG/L)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)
NOV 17...	--	--	--	--	--	0.35	--	1	--	--
JAN 12...	--	--	--	--	--	0.37	0.150	4	0.66	0.07
MAR 29...	--	--	--	--	--	0.40	--	3	--	--
APR 19...	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--
MAY 13...	--	--	--	--	--	0.81	--	4	--	--
JUL 26...	--	--	--	--	--	0.58	--	4	--	--
SEP 27...	--	--	--	--	--	0.57	0.057	5	0.25	0.03

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

02135517 POCOTALIGO RIVER AT SUMTER, SC

LOCATION.--Lat 33°52'32'', long 80°21'07'', Sumter County, Hydrologic Unit 03040205, on downstream side of downstream bridge on U.S. Highway 15, 0.4 mi below Green Swamp, 3.3 mi south of Sumter, and at mile 24.7.

DRAINAGE AREA.--134 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 110.40 ft above sea level.

REMARKS.--Records fair except for estimated daily discharges, May 24, 25, 30, 31, Sept. 5 - 7, 10 - 13, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	344	137	67	194	141	185	18	7.0	94	450	238
2	40	301	106	131	182	318	162	21	9.2	80	362	192
3	29	212	92	153	184	478	142	22	17	57	229	166
4	22	147	80	134	171	579	129	35	44	44	159	191
5	24	126	58	135	137	394	119	61	62	37	179	190
6	42	118	56	118	134	316	97	60	64	61	352	188
7	52	105	61	105	135	234	92	57	133	70	344	172
8	49	69	63	92	139	204	96	52	154	50	244	166
9	45	49	61	82	155	186	99	46	98	38	182	158
10	32	42	59	78	172	230	103	38	80	30	138	135
11	22	38	67	76	217	281	103	30	74	23	110	115
12	19	35	81	111	229	201	93	24	67	19	93	95
13	18	35	77	186	222	178	93	22	51	16	78	75
14	16	36	74	175	196	188	105	23	44	13	68	64
15	15	41	80	180	168	186	105	17	56	12	70	59
16	15	43	98	155	146	177	123	22	52	11	145	55
17	23	39	85	123	135	169	135	35	42	10	342	53
18	25	37	71	142	124	165	110	26	34	9.8	554	96
19	23	36	67	162	117	149	101	18	28	9.7	386	1050
20	22	36	67	155	111	116	95	15	22	11	267	1230
21	21	37	91	145	98	73	79	13	18	24	274	766
22	20	37	107	142	76	68	45	12	15	36	277	391
23	20	36	105	144	71	73	35	11	13	38	332	248
24	21	34	118	140	120	76	31	9.5	11	477	283	183
25	21	33	119	136	152	148	23	8.3	9.8	489	244	175
26	34	32	106	131	193	238	20	7.3	11	250	198	222
27	64	44	90	127	203	272	19	6.8	26	157	144	228
28	80	138	78	146	166	241	18	6.7	79	147	110	222
29	75	176	73	177	---	226	17	6.5	96	134	84	180
30	138	170	69	177	---	203	17	6.2	95	175	69	154
31	344	---	64	195	---	187	---	6.4	---	515	105	---
TOTAL	1418	2626	2560	4220	4347	6695	2591	735.7	1512.0	3137.5	6872	7457
MEAN	45.7	87.5	82.6	136	155	216	86.4	23.7	50.4	101	222	249
MAX	344	344	137	195	229	579	185	61	154	515	554	1230
MIN	15	32	56	67	71	68	17	6.2	7.0	9.7	68	53
CFSM	.34	.65	.62	1.02	1.16	1.61	.64	.18	.38	.76	1.65	1.85
IN.	.39	.73	.71	1.17	1.21	1.86	.72	.20	.42	.87	1.91	2.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

	MEAN	67.5	134	162	448	205	259	143	42.4	63.9	65.1	119	158
MAX	89.4	181	242	760	254	302	200	61.0	77.4	101	222	249	
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1994	1994	1994	
MIN	45.7	87.5	82.6	136	155	216	86.4	23.7	50.4	29.0	16.3	66.8	
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1993 - 1994

ANNUAL TOTAL	60244.2	44171.2	155
ANNUAL MEAN	165	121	190
HIGHEST ANNUAL MEAN			121
LOWEST ANNUAL MEAN			121
HIGHEST DAILY MEAN	3460	Jan 9	3460
LOWEST DAILY MEAN	8.5	Sep 4	6.2
ANNUAL SEVEN-DAY MINIMUM	9.7	Aug 29	6.7
INSTANTANEOUS PEAK FLOW			1320
INSTANTANEOUS PEAK STAGE			10.82
INSTANTANEOUS LOW FLOW			5.9
ANNUAL RUNOFF (CFSM)	1.23	.90	1.16
ANNUAL RUNOFF (INCHES)	16.72	12.26	15.76
10 PERCENT EXCEEDS	344	236	317
50 PERCENT EXCEEDS	73	93	95
90 PERCENT EXCEEDS	17	18	18

PEE DEE RIVER BASIN
02135600 POCOTALIGO RIVER NEAR SUMTER, SC

LOCATION.--Lat 33°48'15'', long 80°17'25'', Sumter County, Hydrologic Unit 03040205, on left of three bridges on downstream side of bridge on Twelve Bridges Road, 1400 ft downstream from Briar Branch, 8.8 mi south of Sumter, and at mi 18.2.

DRAINAGE AREA.--185 mi².

PERIOD OF RECORD.--October 1992 to current year. Occasional low-flow measurements, water years 1960-73.

GAGE.--Water-stage recorder. Datum of gage is 95.88 ft above sea level.

REMARKS.--Records fair except for estimated daily discharges, Jan. 13 - April 19, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	142	120	101	210	190	220	75	34	75	216	150
2	66	192	141	115	210	170	200	74	41	92	342	130
3	59	217	140	115	200	350	180	72	45	106	367	138
4	53	218	126	145	190	450	160	95	41	116	329	197
5	49	196	119	160	170	480	145	91	39	115	295	201
6	45	169	107	150	160	400	130	80	39	112	264	185
7	43	140	99	145	150	350	120	75	47	95	315	179
8	42	120	89	140	140	270	115	76	51	83	340	171
9	41	106	80	128	140	230	110	80	97	75	310	161
10	39	99	75	117	170	210	110	84	147	69	257	154
11	37	91	79	107	200	250	105	86	163	64	213	145
12	35	79	77	131	230	290	105	85	140	60	192	136
13	36	69	77	170	250	240	110	81	114	56	169	125
14	38	62	79	200	260	200	120	76	102	53	150	115
15	39	57	92	210	250	210	130	73	94	49	134	107
16	40	52	94	200	220	220	150	71	84	45	172	99
17	46	47	92	170	200	210	170	68	76	42	248	92
18	43	45	92	150	160	200	180	62	71	40	265	94
19	39	45	98	160	140	180	180	58	71	42	300	109
20	35	45	98	180	130	150	171	54	69	50	374	246
21	33	44	105	180	120	110	167	51	66	49	429	533
22	32	45	96	175	115	90	160	49	61	45	403	592
23	32	45	109	170	120	75	154	47	54	43	366	484
24	31	44	121	160	125	80	146	44	50	40	329	387
25	31	42	122	155	140	85	136	43	47	37	289	345
26	37	42	118	150	160	150	125	40	44	69	266	300
27	40	51	118	145	190	220	108	38	58	306	234	246
28	35	62	116	140	200	250	97	36	75	286	202	223
29	34	57	111	160	---	250	88	35	78	222	180	220
30	65	65	105	180	---	240	80	34	74	213	161	216
31	99	---	95	190	---	230	---	33	---	238	172	---
TOTAL	1368	2688	3190	4799	4950	7030	4172	1966	2172	2987	8283	6480
MEAN	44.1	89.6	103	155	177	227	139	63.4	72.4	98.4	267	216
MAX	99	218	141	210	260	480	220	95	163	306	429	592
MIN	31	42	75	101	115	75	80	33	34	37	134	92
CFSM	.24	.48	.56	.84	.96	1.23	.75	.34	.39	.52	1.44	1.17
IN.	.28	.54	.64	.96	1.00	1.41	.84	.40	.44	.60	1.67	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

	MEAN	82.3	159	226	569	298	344	219	78.2	89.1	66.0	148	138
MAX	121	227	349	984	419	462	299	92.9	106	96.4	267	216	
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1994	1994	1994	1994
MIN	44.1	89.6	103	155	177	227	139	63.4	72.4	35.7	29.8	59.1	
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	1993

SUMMARY STATISTICS

	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1993 - 1994
ANNUAL TOTAL	82635	50085	
ANNUAL MEAN	226	137	201
HIGHEST ANNUAL MEAN			265
LOWEST ANNUAL MEAN			137
HIGHEST DAILY MEAN	2630	Jan 9	2630
LOWEST DAILY MEAN	11	Sep 3	11
ANNUAL SEVEN-DAY MINIMUM	12	Aug 29	12
INSTANTANEOUS PEAK FLOW		601	2710
INSTANTANEOUS PEAK STAGE		7.00	9.00
INSTANTANEOUS LOW FLOW		30	10
ANNUAL RUNOFF (CFSM)	1.22	.74	1.09
ANNUAL RUNOFF (INCHES)	16.62	10.07	14.77
10 PERCENT EXCEEDS	544	250	440
50 PERCENT EXCEEDS	94	115	128
90 PERCENT EXCEEDS	31	42	39

* Also occurred on Oct. 25.

** Also occurred on Oct. 22.

PEE DEE RIVER BASIN
02135625 POCOTALIGO RIVER AT MANNING, SC

LOCATION.--Lat 33°42'46'', long 80°12'04'', Clarendon County, Hydrologic Unit 03040205, on downstream side of third bridge from left of eight bridges on U.S. Highway 301/521, 1.0 mi north of Manning.

DRAINAGE AREA.--306 mi².

PERIOD OF RECORD.--March 1994 to September 1994.

GAGE.--Water-stage recorders. Elevation of gage is 80 ft above sea level (from topographic map).

REMARKS.--Discharge shown is total of eight individual bridge openings, as described above. Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	528	108	23	140	366	296
2	---	---	---	---	---	---	497	97	25	117	269	245
3	---	---	---	---	---	---	463	82	52	117	222	234
4	---	---	---	---	---	1240	427	82	51	103	228	239
5	---	---	---	---	---	1160	392	82	44	104	312	232
6	---	---	---	---	---	1040	361	82	41	109	249	211
7	---	---	---	---	---	939	333	91	49	106	343	200
8	---	---	---	---	---	786	305	88	55	96	262	204
9	---	---	---	---	---	675	283	82	61	87	210	199
10	---	---	---	---	---	613	268	80	61	76	208	185
11	---	---	---	---	---	567	258	72	66	62	226	170
12	---	---	---	---	---	531	249	66	73	50	225	156
13	---	---	---	---	---	502	246	58	93	43	205	143
14	---	---	---	---	---	509	234	67	122	36	179	129
15	---	---	---	---	---	535	228	53	145	35	153	118
16	---	---	---	---	---	515	246	52	125	32	169	100
17	---	---	---	---	---	474	208	49	102	29	206	99
18	---	---	---	---	---	441	194	47	83	28	189	109
19	---	---	---	---	---	414	188	44	69	27	186	131
20	---	---	---	---	---	397	179	42	53	30	213	125
21	---	---	---	---	---	382	170	40	36	33	241	117
22	---	---	---	---	---	367	168	36	31	31	280	108
23	---	---	---	---	---	344	168	38	28	31	346	208
24	---	---	---	---	---	331	165	34	25	31	348	625
25	---	---	---	---	---	413	160	33	24	30	308	745
26	---	---	---	---	---	451	154	30	24	30	274	987
27	---	---	---	---	---	456	146	28	38	31	246	1050
28	---	---	---	---	---	444	140	26	64	41	218	743
29	---	---	---	---	---	444	129	25	106	46	192	517
30	---	---	---	---	---	438	115	24	109	148	179	371
31	---	---	---	---	---	504	---	23	---	456	260	---
TOTAL	---	---	---	---	---	15912	7602	1761	1878	2335	7512	8996
MEAN	---	---	---	---	---	568	253	56.8	62.6	75.3	242	300
MAX	---	---	---	---	---	1240	528	108	145	456	366	1050
MIN	---	---	---	---	---	331	115	23	23	27	153	99

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 sea level. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Mar. 17 - 21, May 7 - 11, May 19 to July 5, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MEAN VALUES MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	142	305	512	1410	1100	1670	232	120	120	259	1240
2	150	170	286	551	1470	1380	1610	218	140	120	462	1150
3	146	191	268	583	1500	1790	1530	202	170	130	611	1070
4	145	204	254	632	1530	2330	1430	190	190	150	655	1040
5	148	218	249	662	1570	3120	1330	179	220	170	663	1020
6	150	234	250	678	1600	4200	1230	168	260	183	685	977
7	151	254	255	683	1590	4970	1130	190	340	248	730	918
8	152	277	260	689	1580	4830	1040	220	460	354	810	862
9	147	298	267	691	1570	4290	959	240	600	415	897	804
10	139	320	279	690	1550	3830	874	220	700	407	986	747
11	129	344	307	681	1550	3440	811	170	650	360	1150	678
12	118	373	339	711	1560	3100	779	147	500	305	1290	592
13	107	406	371	746	1590	2770	789	136	500	245	1360	502
14	97	437	403	792	1620	2500	905	129	600	189	1350	420
15	89	460	431	855	1650	2270	1020	125	600	150	1250	356
16	82	470	444	898	1670	2100	1050	121	500	121	1130	308
17	83	468	447	913	1680	1940	979	118	420	97	1090	270
18	79	453	440	952	1670	1690	878	113	360	78	1020	255
19	78	430	430	991	1650	1460	767	110	300	65	1110	310
20	76	402	419	1030	1620	1300	667	110	260	69	1250	369
21	72	371	412	1060	1570	1220	574	100	220	66	1340	415
22	69	342	413	1060	1500	1200	496	100	200	74	1410	424
23	67	316	430	1070	1430	1260	430	95	180	92	1490	417
24	64	294	450	1070	1370	1330	379	90	160	90	1560	495
25	61	273	467	1080	1280	1460	340	85	150	82	1570	738
26	60	255	480	1070	1220	1590	309	85	140	72	1510	1180
27	60	262	489	1050	1160	1720	286	85	130	68	1440	1560
28	65	299	495	1060	1100	1740	265	85	120	80	1380	1630
29	69	311	501	1100	---	1720	250	90	120	103	1350	1790
30	95	315	506	1200	---	1710	243	95	110	140	1350	2260
31	117	---	508	1330	---	1700	---	100	---	177	1320	---
TOTAL	3220	9589	11855	27090	42260	71060	25020	4348	9420	5020	34478	24797
MEAN	104	320	382	874	1509	2292	834	140	314	162	1112	827
MAX	155	470	508	1330	1680	4970	1670	240	700	415	1570	2260
MIN	60	142	249	512	1100	1100	243	85	110	65	259	255
CFSM	.08	.26	.31	.70	1.21	1.83	.67	.11	.25	.13	.89	.66
IN.	.10	.28	.35	.80	1.26	2.11	.74	.13	.28	.15	1.02	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1994, BY WATER YEAR (WY)

MEAN	492	450	863	1400	1871	2116	1559	571	542	494	567	612
MAX	7708	3250	4809	6499	8404	6938	5905	2144	7852	3318	3148	7258
(WY)	1965	1948	1949	1993	1973	1983	1936	1984	1973	1941	1991	1945
MIN	8.65	5.00	39.3	124	319	319	220	54.5	11.3	10.5	5.19	4.83
(WY)	1932	1932	1955	1934	1934	1938	1985	1935	1935	1986	1954	1954

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1930 - 1994

ANNUAL TOTAL	416118	268157	956
ANNUAL MEAN	1140	735	2438
HIGHEST ANNUAL MEAN			183
LOWEST ANNUAL MEAN			52800
HIGHEST DAILY MEAN	16200	4970	Mar 7
LOWEST DAILY MEAN	38	60	**Oct 26
ANNUAL SEVEN-DAY MINIMUM	40	64	Oct 22
INSTANTANEOUS PEAK FLOW		5050	Mar 7
INSTANTANEOUS PEAK STAGE		12.47	Mar 7
INSTANTANEOUS LOW FLOW		58	Jul 20
ANNUAL RUNOFF (CFSM)	.91	.59	.76
ANNUAL RUNOFF (INCHES)	12.36	7.97	10.38
10 PERCENT EXCEEDS	2400	1590	2340
50 PERCENT EXCEEDS	267	450	460
90 PERCENT EXCEEDS	60	97	51

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

** Also occurred on Oct. 27.

SANTÉE RIVER BASIN

02136361 TURKEY CREEK NEAR MARYVILLE, SC

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

DRAINAGE AREA.--4.67 mi², approximately.

PERIOD OF RECORD.--October 1993 to September 1994.

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

REMARKS.--Records good except for those below 2.0 ft³/s, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.15	5.7	.97	2.2	16	3.8	1.8	.11	.09	2.8	3.1	.10
2	.11	6.5	.98	7.9	13	33	2.0	.11	.09	1.5	2.0	.60
3	.11	4.5	1.1	6.5	11	32	1.6	.11	.08	.69	1.2	1.8
4	.11	7.4	1.9	6.1	8.9	20	1.4	1.1	.08	.74	1.2	1.3
5	.11	7.9	1.6	5.1	8.3	15	1.4	.29	.08	3.6	1.4	.52
6	.12	8.9	1.4	3.7	8.3	13	1.4	.19	.10	7.5	.73	.35
7	.24	8.6	1.0	3.1	8.1	11	1.4	.23	.14	5.2	.46	.30
8	.68	7.5	1.9	2.4	7.7	10	1.2	.13	.72	3.5	.34	.14
9	.61	6.8	3.9	1.6	7.4	10	.99	.10	.27	2.3	.19	.17
10	.42	7.0	4.1	2.0	8.0	10	1.1	.10	2.0	1.4	.20	.18
11	.32	6.8	4.3	1.1	8.6	9.1	1.0	.16	3.1	1.9	.20	.11
12	.22	6.1	3.7	2.1	7.2	7.8	.99	.11	2.5	2.1	.14	.49
13	.17	5.5	3.4	2.7	5.8	7.2	1.7	.07	2.1	1.1	.15	.82
14	.26	4.6	3.8	3.8	6.0	8.8	1.4	.06	1.4	1.2	.14	.20
15	.21	3.7	5.1	3.3	3.6	7.9	.92	.08	.85	.78	.16	.12
16	.95	2.7	4.6	2.3	3.1	6.4	.60	.08	.13	.29	.24	.15
17	8.1	1.9	3.9	2.3	2.7	5.4	.22	.09	.12	.19	.93	.11
18	4.3	2.4	3.4	7.1	2.2	5.1	.11	.18	.12	.79	.73	.45
19	3.0	2.0	3.1	5.2	1.7	4.1	3.5	.12	.11	.86	.40	1.2
20	2.2	1.6	2.9	3.5	1.7	3.7	.31	.08	.09	.78	.18	1.2
21	1.3	1.1	2.7	2.9	1.5	3.5	.11	.08	.11	2.7	.57	1.2
22	.81	1.5	2.4	2.8	1.5	3.1	.13	.06	.22	1.7	1.4	.99
23	.72	1.0	3.8	2.4	1.6	2.8	.13	.05	.14	2.8	.48	.83
24	.78	.79	4.1	2.2	3.8	3.0	.10	.05	.68	3.3	.29	.79
25	.68	.73	4.3	1.9	6.3	3.2	.10	.07	1.9	2.1	.17	5.1
26	1.2	.82	3.7	1.9	6.1	3.0	.10	.06	1.8	1.2	.12	3.6
27	1.4	1.6	3.3	1.7	4.8	3.1	.09	.07	2.3	1.4	.11	2.7
28	1.9	1.7	3.1	7.5	4.3	3.0	.87	.05	4.8	1.9	.10	1.5
29	1.3	1.3	3.1	15	---	3.0	.66	.04	3.8	1.5	.09	.66
30	6.1	1.2	2.8	20	---	2.5	.10	.05	3.7	1.7	.10	.59
31	8.3	---	2.3	23	---	2.3	---	.11	---	3.4	.10	---
TOTAL	46.88	119.84	92.65	155.3	169.2	255.8	27.43	4.19	33.62	62.92	17.62	28.27
MEAN	1.51	3.99	2.99	5.01	6.04	8.25	.91	.14	1.12	2.03	.57	.94
MAX	8.3	8.9	5.1	23	16	33	3.5	1.1	4.8	7.5	3.1	5.1
MIN	.11	.73	.97	1.1	1.5	2.3	.09	.04	.08	.19	.09	.10
CFSM	.32	.86	.64	1.07	1.29	1.77	.20	.03	.24	.43	.12	.20
IN.	.37	.95	.74	1.24	1.35	2.04	.22	.03	.27	.50	.14	.23

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

	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MEAN	1.51	3.99	2.99	5.01	6.04	8.25	.91	.14	1.12	2.03	.57	.94
MAX	1.51	3.99	2.99	5.01	6.04	8.25	.91	.14	1.12	2.03	.57	.94
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	1.51	3.99	2.99	5.01	6.04	8.25	.91	.14	1.12	2.03	.57	.94
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1994 WATER YEAR

ANNUAL TOTAL	1013.72
ANNUAL MEAN	2.78
HIGHEST DAILY MEAN	33
LOWEST DAILY MEAN	.04
ANNUAL SEVEN-DAY MINIMUM	.06
INSTANTANEOUS PEAK FLOW	51
INSTANTANEOUS PEAK STAGE	2.51
ANNUAL RUNOFF (CFSM)	.59
ANNUAL RUNOFF (INCHES)	8.08
10 PERCENT EXCEEDS	7.4
50 PERCENT EXCEEDS	1.5
90 PERCENT EXCEEDS	.11

SANTEE RIVER BASIN
02146000 CATAWBA RIVER NEAR ROCK HILL, SC

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

DRAINAGE AREA.--3,050 mi², approximately.

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

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

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

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Wylie (usable capacity, 2,520,500,000 ft³).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1010	1440	1550	1160	7560	7250	7870	1220	1270	7000	3450	9400
2	691	2390	839	1200	8320	3870	9370	1100	1210	3010	3870	4310
3	798	1010	1640	3230	9760	3170	4850	2250	874	7460	2910	7270
4	783	955	3360	5460	6440	5430	6520	2490	942	6640	4540	4900
5	2660	1100	5110	6520	5280	8080	9030	1280	836	6590	4940	3940
6	1130	1320	4950	4840	3220	6890	9080	1160	1520	4610	1930	6090
7	880	1400	4790	5030	5310	8520	7980	1560	2460	1030	1510	5850
8	616	953	5850	2510	6340	9080	8140	1240	2730	810	1100	4990
9	829	1820	2290	3080	7260	7740	5580	3110	1470	1350	1930	3850
10	1180	856	5420	6470	8180	7530	3650	3800	2760	1230	2640	4850
11	860	881	6790	5510	7060	7090	7970	838	1010	1240	2070	1330
12	568	852	3260	3680	3630	6180	8330	2050	1120	930	2540	3040
13	728	990	4300	6050	5410	5590	7350	1240	3370	1150	1220	1160
14	646	804	2530	8780	6790	6940	6580	1780	4500	943	509	4730
15	733	893	2460	8800	6840	6590	7050	2130	6070	845	2930	1780
16	954	621	1650	7110	7390	5980	5820	2410	2220	1580	3440	2990
17	1180	720	2010	6770	6970	8440	3780	1260	2110	1040	8170	1430
18	978	791	1350	6680	7120	6950	4380	1040	1670	2330	14800	890
19	586	590	2100	10400	5310	5520	6340	1220	888	765	33700	1430
20	921	726	6000	7680	3830	4790	6110	690	1460	2350	22600	1150
21	1170	969	6940	7830	6300	6880	5560	873	1410	2270	20200	1430
22	726	1010	8040	3560	7800	5670	3610	1290	1920	2910	15400	782
23	810	723	5620	3320	10100	4100	3580	1480	2440	3900	12000	908
24	1160	881	5900	3870	5150	6950	3180	1940	1220	2650	10700	1180
25	747	707	2500	5790	5480	5410	3370	1360	826	2390	8240	3080
26	692	601	1200	4540	5100	5510	7770	1360	1020	2500	11200	3320
27	661	1650	1550	10500	6550	6320	5510	1170	2470	2950	6420	5390
28	705	1810	3400	4640	7120	9720	3910	867	3350	5190	5340	3980
29	721	5390	4570	7490	---	7250	5040	754	2480	3800	7790	2660
30	731	3200	5030	3820	---	7060	2180	1140	5930	3760	8250	2330
31	835	---	1960	6770	---	8720	---	1080	---	2030	10400	---
TOTAL	27689	38053	114959	173090	181620	205220	179490	47182	63556	87253	236739	100440
MEAN	893	1268	3708	5584	6486	6620	5983	1522	2119	2815	7637	3348
MAX	2660	5390	8040	10500	10100	9720	9370	3800	6070	7460	33700	9400
MIN	568	590	839	1160	3220	3170	2180	690	826	765	509	782
CFSM	.29	.42	1.22	1.83	2.13	2.17	1.96	.50	.69	.92	2.50	1.10
IN.	.34	.46	1.40	2.11	2.22	2.50	2.19	.58	.78	1.06	2.89	1.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1994, BY WATER YEAR (WY)

	MEAN	3532	3635	4265	5294	5901	6332	5721	4414	3995	3367	3549	3162
MAX	10680	12400	14270	10630	14950	19510	15970	15360	10120	10340	22230	9768	
(WY)	1899	1978	1902	1846	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 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1896 - 1994
ANNUAL TOTAL	1814923	1455291	
ANNUAL MEAN	4972	3987	4425
HIGHEST ANNUAL MEAN			9635
LOWEST ANNUAL MEAN			2082
HIGHEST DAILY MEAN	34500	Mar 27	127000
LOWEST DAILY MEAN	568	Oct 12	227
ANNUAL SEVEN-DAY MINIMUM	727	Oct 25	541
INSTANTANEOUS PEAK FLOW			*151000
INSTANTANEOUS PEAK STAGE			*24.15
ANNUAL RUNOFF (CFSM)	1.63		1.45
ANNUAL RUNOFF (INCHES)	22.14		19.71
10 PERCENT EXCEEDS	9900	7850	8680
50 PERCENT EXCEEDS	3310	3170	3620
90 PERCENT EXCEEDS	804	837	907

* Site and datum then in use.

** Also occurred on Aug. 20.

SANTEE RIVER BASIN

02147020 CATAWBA RIVER BELOW CATAWBA, SC

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

DRAINAGE AREA.--3,540 mi², approximately.

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

GAGE.--Data collection platform. Elevation of gage is 445 ft above sea level (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 and as station 02147000.

REMARKS.--No estimated daily discharges. Records good. 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	844	1610	2120	1220	7950	7110	7340	1710	1010	8020	3350	10300
2	998	2850	934	1180	8240	9670	10100	1270	1340	3670	4050	5200
3	736	1310	1360	2490	9280	10000	5710	1630	1290	6400	3000	7370
4	866	1090	2940	8800	7450	6230	6000	4390	788	6770	6600	6260
5	2170	1110	5910	7320	6570	8360	8630	1460	976	6330	5340	4410
6	1450	2120	5850	6200	4070	7620	9000	1470	1890	6270	4100	5940
7	1090	1840	5100	5590	4510	8000	8930	1630	2910	2290	2170	5830
8	738	943	6080	3610	7010	9370	9310	1540	3020	1060	1510	5070
9	757	1860	3600	3950	7340	8850	5280	2190	2560	1030	1670	4820
10	1200	1220	4280	5470	8430	7700	4360	5550	2410	1620	2190	4320
11	1030	1010	7150	6160	8240	8530	6700	937	2050	1390	4260	2310
12	560	784	5120	5620	7980	6480	8580	1590	1200	1450	2770	2450
13	633	916	4030	6910	5810	6620	8240	1870	2340	1370	1830	2100
14	739	1070	2750	9160	7700	6660	7280	1730	4070	1590	1020	4180
15	730	835	4090	9010	7240	7440	7030	2030	6710	1230	3420	2140
16	940	964	3020	7960	7480	6320	6890	2570	3810	1950	9200	2740
17	1050	755	2460	7270	7620	8480	5750	1600	2410	1620	11500	2430
18	1450	860	1590	6460	7620	7000	4460	1380	1830	2500	17100	908
19	606	810	1460	10800	6180	6670	6200	1130	1760	1690	33500	1310
20	990	764	5560	8580	3900	4730	6360	926	1390	3300	28800	1730
21	1030	995	8560	8000	5480	6650	7280	944	1730	4160	21000	1120
22	973	1010	8310	4980	7930	6970	3010	901	1970	3150	19000	1170
23	913	893	6570	3910	10800	3970	4000	1410	2260	4920	13200	732
24	985	941	7200	3730	10800	6450	3490	1970	1710	4200	11300	1040
25	892	802	4030	5860	7900	6540	3580	1570	1060	2540	8330	4780
26	882	720	1390	4700	5300	6340	6050	1350	920	2510	10800	3500
27	598	2250	1650	10200	7180	5860	7850	1440	3160	3810	7850	5290
28	778	5760	2730	8020	7940	10200	3020	1190	3830	6720	6930	4860
29	733	5460	5290	9400	---	11500	5830	888	7200	4350	7130	2770
30	1710	4620	5080	6200	---	8140	2760	890	6010	5590	8430	2400
31	1640	---	3590	6200	---	10100	---	1280	---	3490	9370	---
TOTAL	30711	48172	129804	194960	203950	234560	189020	52436	75614	106990	270720	109480
MEAN	991	1606	4187	6289	7284	7566	6301	1691	2520	3451	8733	3649
MAX	2170	5760	8560	10800	10800	11500	10100	5550	7200	8020	33500	10300
MIN	560	720	934	1180	3900	3970	2760	888	788	1030	1020	732
CFSM	.28	.45	1.18	1.78	2.06	2.14	1.78	.48	.71	.97	2.47	1.03
IN.	.32	.51	1.36	2.05	2.14	2.46	1.99	.55	.79	1.12	2.84	1.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1994, BY WATER YEAR (WY)

	MEAN	3568	4693	6408	8781	7108	9413	7132	4314	5081	2836	4669	2646
MAX	6145	7780	8630	11270	9004	14200	10760	5978	10000	3451	8733	3649	
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1992	1994	1994	1994	
MIN	991	1606	4187	6289	5108	6470	4331	1691	2520	1935	2586	1522	
(WY)	1994	1994	1994	1994	1992	1992	1992	1994	1994	1993	1993	1993	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1992 - 1994

ANNUAL TOTAL	2026198	1646417	5692
ANNUAL MEAN	5551	4511	6874
HIGHEST ANNUAL MEAN			4511
LOWEST ANNUAL MEAN			35000
HIGHEST DAILY MEAN	35000	Mar 25	35000
LOWEST DAILY MEAN	560	Oct 12	560
ANNUAL SEVEN-DAY MINIMUM	807	Oct 9	807
INSTANTANEOUS PEAK FLOW			37800
INSTANTANEOUS PEAK STAGE			18.45
ANNUAL RUNOFF (CFSM)	1.57		1.27
ANNUAL RUNOFF (INCHES)	21.29		17.30
10 PERCENT EXCEEDS	10900		8540
50 PERCENT EXCEEDS	3870		3830
90 PERCENT EXCEEDS	889		939
			1060

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.

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

REMARKS.--Records good except for estimated daily discharges, Nov. 17, 18, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1994. BY WATER YEAR (WY)

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1951 - 1994
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* Also occurred on July 18.

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

02148000 WATEREE RIVER NEAR CAMDEN, SC

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

DRAINAGE AREA.--5,070 mi², approximately.

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

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

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 119.36 ft above sea level. January 1903 to September 1910, nonrecording gage at site 1.5 mi downstream at datum 1.65 ft lower. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³).

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft, datum 117.71 ft above mean sea level, at site 1.5 mi downstream, from records of National Weather Service, discharge, 400,000 ft³/s, from rating curve extended above 122,000 ft³/s, as explained in footnote below.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1710	1510	2920	2970	7210	11400	9530	2820	1260	9790	3640	11700
2	1520	1850	1600	2610	9480	12800	9910	2630	1590	6010	3640	11700
3	1410	1050	1760	3520	10300	13300	11400	2640	1450	6620	3710	7800
4	1750	1340	2670	8760	9040	14900	8750	3920	1550	8370	4880	6920
5	1400	960	6660	11200	7570	15000	7200	3010	1490	8010	6450	4860
6	1610	1020	7420	10700	4990	14700	9120	2730	1730	8010	4270	5940
7	1470	950	5190	7980	5780	14000	9030	2680	3750	1770	2570	5420
8	1530	916	3800	5260	6480	11400	9900	2600	5570	1300	1620	5800
9	1260	2780	2670	4780	8260	10500	8270	2630	1800	1650	1690	3400
10	1770	1520	4560	3860	9800	10600	5800	2560	3620	1460	1570	3250
11	1530	1620	7910	8200	11300	10100	5750	2570	3290	1390	1450	3750
12	1560	1440	7870	9510	11600	6800	6920	2600	1490	1430	4750	3690
13	1520	1290	5110	10100	11600	8280	7600	2590	2280	1430	4650	2170
14	1580	1140	3940	11400	11500	8290	8520	2550	2750	1330	1820	3160
15	963	1260	5510	10800	10300	7140	9600	2540	3220	1400	5720	1950
16	843	1430	2430	8390	8560	6490	8310	2320	4650	1380	12000	3440
17	756	1260	2290	8230	8840	7930	5640	1270	6040	1580	12900	1880
18	1030	1360	2300	10500	8640	8600	5570	1720	1420	1520	12600	3020
19	724	1460	3820	8960	4710	9740	6310	930	1600	1380	12500	2340
20	720	1190	4780	8830	5820	5850	5890	1130	1860	3450	18100	2070
21	1230	1540	9430	9570	6710	4590	5340	1630	1790	5490	23300	1790
22	1450	1620	8750	7660	8630	6600	5410	1520	2230	4200	24300	1230
23	1590	1450	9290	5170	10800	6090	3790	1520	2550	5140	21200	1440
24	1510	1580	8920	4410	12200	7310	3320	1580	2190	3120	17400	2270
25	1560	1670	4970	5230	12300	8170	3280	1350	1470	3180	14400	4370
26	1540	1040	2270	5340	11200	8400	4740	1430	1470	2520	12700	3900
27	1600	2340	3320	8710	11700	8960	4910	1540	4480	5330	12100	3900
28	1030	6710	3600	9200	11400	11900	5350	1090	4990	6460	12000	3980
29	883	8620	5840	11400	---	9740	6240	1100	10600	6760	11900	3920
30	1590	5400	5320	11500	---	9280	3790	1680	11700	3970	11800	3800
31	1630	---	4680	10300	---	10000	---	1480	---	2430	11700	---
TOTAL	42269	59316	151600	245050	256720	298860	205190	64360	95880	117880	293330	124860
MEAN	1364	1977	4890	7905	9169	9641	6840	2076	3196	3803	9462	4162
MAX	1770	8620	9430	11500	12300	15000	11400	3920	11700	9790	24300	11700
MIN	720	916	1600	2610	4710	4590	3280	930	1260	1300	1450	1230
CFSM	.27	.39	.96	1.56	1.81	1.90	1.35	.41	.63	.75	1.87	.82
IN.	.31	.44	1.11	1.80	1.88	2.19	1.51	.47	.70	.86	2.15	.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1994, BY WATER YEAR (WY)

MEAN	4928	5003	5859	8598	8993	9675	8435	5645	4810	4283	4585	4211
MAX	19080	15370	14000	18530	23270	21700	28750	13200	12380	14980	12720	20430
(WY)	1965	1978	1984	1937	1960	1952	1936	1958	1973	1941	1967	1945
MIN	1095	992	1647	1803	2484	2941	1701	1022	997	656	1460	1033
(WY)	1955	1932	1956	1942	1977	1988	1986	1986	1988	1956	1954	1954

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1930 - 1994
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ANNUAL TOTAL	2572185		1955315						
ANNUAL MEAN	7047		5357			6238			
HIGHEST ANNUAL MEAN						9964			1960
LOWEST ANNUAL MEAN						3241			1988
HIGHEST DAILY MEAN	40900	Mar 28	24300	Aug 22		149000		Oct 3	1929
LOWEST DAILY MEAN	720	Oct 20	720	Oct 20		143		Sep 28	1980
ANNUAL SEVEN-DAY MINIMUM	895	Oct 15	895	Oct 15		279		Jul 1	1959
INSTANTANEOUS PEAK FLOW			24500	Aug 22		*366000		Aug 26	1908
INSTANTANEOUS PEAK STAGE			20.74	Aug 22		*39.70		Aug 26	1908
ANNUAL RUNOFF (CFSM)	1.39		1.06			1.23			
ANNUAL RUNOFF (INCHES)	18.87		14.35			16.72			
10 PERCENT EXCEEDS	15700		11400			13000			
50 PERCENT EXCEEDS	3870		3980			5000			
90 PERCENT EXCEEDS	1380		1400			1050			

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

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

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1991 to current year.

pH: November 1991 to current year.

WATER TEMPERATURE: March 1988 to September 1989, November 1991 to current year.

DISSOLVED OXYGEN: November 1991 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 272 microsiemens, Dec. 28, 1993; minimum, 59 microsiemens, Feb. 26, 1994.

pH: Maximum, 8.4 units, Apr. 12, 1992, Nov. 17, 1994; minimum, 6.2 units, Feb. 25, 26.

WATER TEMPERATURE: Maximum, 33.0°C, Aug 15, 1988; minimum, 5.0°C, Jan. 22 - 24, 1994.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 26, 1994; minimum, 1.7 mg/L, Aug. 3, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 272 microsiemens, Dec. 28; minimum, 59 microsiemens, Feb. 26.

pH: Maximum, 8.4 units, Nov. 17; minimum, 6.6 units, Aug. 17.

WATER TEMPERATURE: Maximum recorded, 32.0°C, July 16; minimum, 5.0°C, Jan. 22 - 24.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 26; minimum, 3.6 mg/L, Aug. 14 - 16, 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	189	177	185	186	143	161	213	189	202	270	247	259
2	190	179	184	204	170	188	214	199	206	255	218	243
3	191	175	184	194	163	178	215	186	196	261	240	250
4	193	180	187	208	168	190	214	183	196	258	233	244
5	194	184	189	206	165	185	212	204	209	249	235	243
6	195	185	191	207	170	187	210	196	205	244	230	239
7	195	186	191	208	165	189	213	193	207	246	218	234
8	193	185	190	206	171	191	216	196	207	236	204	224
9	195	180	187	213	202	209	223	208	216	233	209	222
10	195	188	193	212	194	204	227	214	223	224	195	215
11	195	184	190	211	198	204	228	222	225	225	211	219
12	194	182	189	211	195	204	233	222	228	220	182	201
13	194	184	189	210	190	203	238	221	231	198	176	190
14	194	183	189	210	193	202	246	234	241	198	173	186
15	191	180	185	213	193	206	243	210	229	196	177	189
16	188	166	179	216	207	213	246	205	228	186	167	181
17	184	167	177	224	200	213	255	206	245	183	172	177
18	184	149	173	224	214	221	258	242	252	182	162	174
19	176	149	163	226	212	220	260	252	258	186	149	174
20	184	162	170	228	213	224	263	238	257	180	170	175
21	180	162	170	219	210	214	262	236	257	174	161	167
22	217	159	172	218	204	214	266	253	259	167	146	160
23	239	147	194	219	207	214	270	253	262	165	148	159
24	220	156	187	219	205	212	270	222	257	160	139	155
25	212	147	167	218	201	211	270	202	255	159	149	154
26	206	134	166	215	198	207	270	232	258	156	141	150
27	254	143	202	214	170	202	270	257	265	155	141	151
28	254	189	222	205	156	190	272	249	267	148	131	141
29	250	181	207	209	182	198	270	251	266	139	129	135
30	227	100	178	213	174	197	271	246	262	135	128	133
31	172	99	134	---	---	---	269	255	263	136	117	131
MONTH	254	99	183	228	143	202	272	183	237	270	117	190

SANTÉE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	134	115	128	101	94	99	108	92	105	113	111	112
2	137	128	132	100	79	88	112	104	109	112	111	112
3	165	123	148	90	78	85	113	102	110	114	111	113
4	137	124	132	109	73	90	113	103	111	112	96	104
5	136	118	128	115	102	111	113	101	108	104	96	100
6	131	118	124	---	---	---	108	102	106	112	102	108
7	130	119	125	---	---	---	107	104	106	114	111	113
8	129	119	124	118	93	108	107	104	106	115	113	114
9	125	114	121	140	101	115	148	96	108	116	113	115
10	123	114	119	166	136	159	106	98	103	117	115	117
11	121	109	115	194	158	173	106	99	104	119	117	118
12	111	104	109	195	126	171	107	101	105	120	118	119
13	110	102	107	201	139	179	109	105	108	121	119	120
14	106	99	103	199	173	190	110	106	109	123	120	121
15	105	99	103	263	142	194	111	108	110	136	122	124
16	120	103	110	198	138	163	111	108	110	125	116	123
17	113	108	111	198	119	158	112	106	110	125	106	117
18	112	108	109	159	113	146	114	107	112	126	121	124
19	109	95	104	154	137	147	114	107	111	128	119	123
20	119	101	109	160	81	114	111	107	110	128	119	124
21	119	105	110	100	78	92	112	106	110	129	122	126
22	110	106	108	101	94	98	112	108	110	130	122	127
23	107	103	105	100	95	98	112	108	111	131	124	128
24	103	85	94	102	96	101	112	109	111	133	124	129
25	100	84	93	101	78	91	111	109	111	131	122	128
26	98	59	88	95	83	91	113	110	111	130	125	128
27	98	87	94	104	87	97	112	107	110	132	123	128
28	100	94	97	105	100	103	113	110	111	133	129	132
29	---	---	---	104	97	102	112	109	111	136	125	130
30	---	---	---	105	77	95	112	109	111	138	129	131
31	---	---	---	107	95	104	---	---	---	140	128	131
MONTH	165	59	112	263	73	123	148	92	109	140	96	121
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	139	128	130	156	147	153	160	133	153	110	109	109
2	130	125	128	160	149	155	171	155	164	110	107	109
3	129	117	127	161	157	159	175	158	170	110	104	108
4	129	112	125	159	149	156	178	167	174	111	105	109
5	132	118	126	156	152	155	179	166	175	112	106	

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

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	20.5	22.5	17.5	15.0	16.5	---	---	---	8.0	6.0	7.5
2	25.0	20.0	22.5	18.0	15.0	16.5	---	---	---	9.5	7.0	8.0
3	24.5	21.5	23.0	17.0	14.0	15.5	---	---	---	9.0	7.5	8.0
4	25.0	21.5	23.0	17.5	15.0	16.5	15.0	13.5	14.0	8.0	7.5	8.0
5	24.5	21.5	22.5	17.5	16.5	17.0	14.0	13.5	13.5	8.0	7.5	8.0
6	23.0	21.5	22.5	18.0	17.0	17.5	14.0	13.0	13.5	8.0	7.5	7.5
7	22.5	20.0	21.5	17.0	14.5	16.5	13.5	12.0	13.0	9.0	7.5	8.0
8	23.5	21.5	22.5	16.5	13.5	15.0	13.5	12.0	13.0	9.5	8.0	8.5
9	24.5	21.0	22.0	16.5	14.5	16.0	13.5	11.0	12.5	8.5	7.5	8.0
10	24.5	21.5	22.5	16.5	15.0	16.0	12.5	11.0	12.5	8.0	5.0	7.0
11	21.5	18.5	20.0	17.5	14.5	15.5	12.5	11.5	12.0	8.0	7.5	7.5
12	22.5	19.5	20.5	16.5	13.5	15.5	12.0	10.5	11.5	8.0	7.5	8.0
13	22.5	18.5	20.0	17.0	14.5	15.5	11.5	10.5	11.0	8.0	8.0	8.0
14	21.0	18.5	20.0	17.5	15.0	16.5	10.5	10.0	10.5	8.5	8.0	8.0
15	21.5	19.0	20.0	18.5	16.0	17.5	10.5	9.5	10.0	8.0	7.0	7.5
16	21.0	19.0	20.0	18.0	15.5	16.5	11.0	9.0	10.0	7.0	6.5	7.0
17	21.0	19.5	20.0	18.5	15.5	17.0	11.0	9.5	10.0	7.0	6.5	6.5
18	21.5	19.0	20.5	17.0	15.0	16.0	11.0	9.0	10.0	7.0	6.0	6.5
19	22.5	20.5	21.5	17.0	15.0	16.0	10.5	9.0	9.5	6.0	5.5	6.0
20	22.5	20.5	21.5	16.0	14.5	15.5	9.5	8.5	9.0	6.5	5.5	6.0
21	22.0	20.0	21.0	16.0	13.0	14.0	9.5	9.0	9.5	6.0	5.5	5.5
22	20.0	18.0	19.5	17.0	12.5	15.0	9.0	8.5	9.0	6.0	5.0	5.5
23	20.0	18.0	19.0	17.0	13.5	15.0	9.0	8.0	8.5	6.0	5.0	5.5
24	20.0	17.5	18.5	16.5	14.0	15.0	8.5	7.5	8.0	6.5	5.0	5.5
25	20.5	17.5	18.5	16.0	14.0	14.5	8.5	7.0	8.0	7.0	5.5	6.0
26	19.5	18.5	19.0	15.0	14.0	14.5	8.5	6.5	7.5	7.0	6.0	6.0
27	21.5	18.5	19.5	14.5	14.0	14.0	8.5	7.0	8.0	6.0	5.5	6.0
28	20.5	18.5	19.5	14.5	12.5	14.0	8.5	7.0	8.0	6.0	5.5	6.0
29	20.0	16.0	18.0	14.0	12.5	13.0	8.0	7.5	8.0	6.0	6.0	6.0
30	19.0	17.0	18.0	14.0	12.5	13.0	8.0	7.5	7.5	6.0	6.0	6.0
31	17.5	16.0	17.0	---	---	---	8.5	7.0	7.5	6.5	6.0	6.0
MONTH	25.0	16.0	20.5	18.5	12.5	15.5	15.0	6.5	10.2	9.5	5.0	6.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.5	5.5	6.0	11.0	10.5	11.0	17.0	15.5	16.5	22.0	19.5	20.5
2	6.5	6.0	6.0	11.0	10.5	10.5	17.0	16.0	16.5	21.5	19.5	20.5
3	6.5	6.0	6.0	11.0	10.5	10.5	17.0	16.0	16.5	20.5	19.5	19.5
4	7.0	6.0	6.5	11.5	10.5	11.0	18.0	16.0	17.0	20.0	19.0	19.5
5	7.0	6.5	6.5	11.5	11.0	11.0	18.0	16.0	17.0	21.0	19.0	20.0
6	7.5	7.0	7.0	11.5	10.5	11.0	17.0	16.5	17.0	22.0	19.0	20.5
7	8.5	7.0	7.5	11.5	10.5	11.0	18.0	16.5	17.5	22.5	19.5	20.5
8	7.5	7.0	7.5	11.5	10.5	11.0	18.0	17.0	17.5	22.0	20.0	21.0
9	8.5	7.0	7.5	12.0	10.5	11.5	17.5	16.5	17.0	23.0	20.0	21.0
10	8.5	8.0	8.5	13.5	11.0	12.0	19.0	16.5	17.0	22.0	20.0	21.0
11	8.5	8.0	8.0	14.0	12.5	13.5	18.0	16.5	17.5	23.0	20.0	21.5
12	8.0	8.0	8.0	13.0	12.0	12.5	18.0	17.0	17.0	23.5	20.0	21.5
13	8.5	8.0	8.0	13.0	11.5	12.0	17.5	17.0	17.0	23.0	20.5	21.5
14	8.5	8.0	8.0	14.0	12.0	13.0	19.0	17.0	18.0	23.0	20.0	21.0
15	8.5	8.0	8.5	14.0	13.0	13.5	18.5	17.5	18.0	23.0	20.5	21.5
16	9.0	8.0	8.5	14.5	12.5	13.5	19.0	18.0	18.5	24.0	20.5	22.0
17	9.5	8.0	8.5	14.0	12.5	13.5	20.0	18.0	19.0	24.0	21.0	22.0
18	9.5	8.5	9.0	14.0	13.0	13.5	20.0	18.0	19.0	23.5	19.5	21.5
19	10.0	8.5	9.0	14.5	13.0	13.5	20.5	18.0	19.0	23.0	20.5	21.0
20	10.0	8.5	9.0	15.5	13.5	14.5	20.5	18.5	19.5	21.5	19.0	20.5
21	10.0	8.5	9.5	14.5	13.5	14.0	21.0	19.0	20.0	23.0	19.5	21.0
22	10.5	9.5	10.0	15.5	13.5	14.5	20.0	19.0	19.5	24.5	20.0	21.5
23	10.0	9.0	9.5	15.0	13.5	14.5	21.0	18.5	19.5	24.5	20.5	22.0
24	11.5	10.0	10.5	15.0	13.5	14.0	21.5	18.0	19.5	24.5	21.0	22.5
25	11.5	10.5	11.0	15.5	14.5	15.0	22.0	18.5	20.0	24.5	21.5	22.5
26	11.5	10.5	11.0	16.0	15.0	15.5	21.5	19.5	20.0	25.0	21.5	22.5
27	11.5	10.5	11.0	15.0	14.5	15.0	21.5	19.0	20.0	24.5	22.0	23.0
28	11.0	10.5	11.0	16.0	15.0	15.5	21.5	19.5	20.5	24.0	21.5	22.5
29	---	---	---	17.0	16.0	16.5	21.5	20.0	20.5	25.5	22.0	23.0
30	---	---	---	18.0	16.0	16.5	22.0	19.5	20.5	24.5	21.0	22.5
31	---	---	---	16.5	15.5	16.5	---	---	---	24.0	22.0	22.5
MONTH	11.5	5.5	8.5	18.0	10.5	13.3	22.0	15.5	18.4	25.5	19.0	21.4

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.1	5.4	6.1	9.1	7.1	7.7	9.1	7.9	8.3	10.7	9.7	10.0
2	7.8	5.4	6.1	9.0	7.3	7.8	9.3	7.8	8.2	11.6	9.6	10.1
3	8.1	5.2	6.0	8.9	7.3	8.2	9.7	7.9	8.5	11.2	9.6	9.9
4	7.3	5.4	5.8	8.5	7.3	7.9	9.4	7.8	8.1	9.9	9.4	9.6
5	7.9	5.1	5.9	8.5	7.3	7.8	8.6	7.9	8.1	10.1	9.6	9.9
6	7.5	5.2	5.8	8.0	7.4	7.7	8.7	8.1	8.3	10.1	9.7	10.0
7	7.3	5.1	5.6	8.8	7.6	8.3	8.9	7.9	8.4	10.5	9.8	10.1
8	7.1	5.3	6.0	9.8	8.2	8.7	9.0	8.1	8.4	11.1	9.9	10.2
9	7.5	5.2	5.8	8.5	7.3	7.7	9.4	7.8	8.3	11.5	10.0	10.4
10	7.7	4.9	5.7	9.0	7.3	7.9	8.5	7.8	8.1	11.4	10.2	10.8
11	7.3	5.2	5.9	9.3	7.3	7.9	8.7	8.1	8.3	10.5	10.1	10.3
12	8.3	5.2	6.1	8.6	7.1	7.9	8.9	8.2	8.6	10.4	10.1	10.2
13	8.1	5.1	6.0	8.9	7.4	8.0	9.3	8.4	8.8	10.2	9.9	10.1
14	7.8	5.4	6.1	8.9	7.6	8.2	8.9	8.3	8.5	10.1	9.9	10.0
15	8.1	5.8	6.8	9.3	7.5	8.3	8.8	8.3	8.6	10.4	9.9	10.1
16	8.0	6.1	7.2	9.0	7.1	7.7	9.5	8.2	8.5	10.8	9.7	10.3
17	8.3	6.1	6.7	9.4	6.8	7.6	9.8	8.3	8.7	10.7	9.9	10.3
18	8.2	5.8	6.4	9.4	6.7	7.5	9.5	8.4	8.9	10.4	10.1	10.3
19	8.6	6.5	7.6	9.1	6.9	7.9	9.4	8.3	8.6	11.2	10.2	10.7
20	8.8	6.2	6.9	9.4	6.6	7.6	9.0	8.3	8.6	11.4	10.4	11.1
21	7.1	4.9	6.0	10.2	7.5	8.3	9.0	8.4	8.6	11.6	10.8	11.2
22	7.4	4.8	5.6	9.7	7.2	7.9	8.8	8.5	8.7	12.0	10.8	11.5
23	8.5	5.9	6.6	10.0	7.3	7.9	8.8	8.5	8.6	12.3	10.9	11.7
24	8.8	5.9	6.6	9.6	7.4	7.9	9.1	8.5	8.7	12.4	11.5	11.9
25	8.5	5.6	6.5	10.0	7.2	7.8	10.0	8.6	9.3	12.6	11.6	11.9
26	7.8	5.9	6.5	10.0	7.4	8.0	10.9	9.4	9.9	13.2	11.8	12.1
27	8.7	6.2	6.7	8.6	7.6	7.9	10.5	9.4	9.6	12.4	12.0	12.2
28	8.1	6.0	7.0	8.3	7.5	7.8	10.4	9.1	9.6	12.6	12.2	12.3
29	8.9	7.1	7.9	8.2	7.5	7.9	9.8	9.5	9.6	12.4	12.2	12.3
30	7.9	6.9	7.4	8.5	7.6	8.1	10.1	9.5	9.8	12.2	11.3	11.8
31	7.9	6.9	7.3	---	---	---	11.1	9.5	10.0	11.5	11.0	11.2
MONTH	8.9	4.8	6.4	10.2	6.6	7.9	11.1	7.8	8.7	13.2	9.4	10.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.7	10.6	11.3	9.4	8.9	9.2	7.5	7.1	7.3	7.3	6.6	7.0
2	12.0	11.1	11.6	9.3	9.0	9.2	7.5	7.2	7.4	7.0	6.7	6.8
3	12.3	11.1	11.9	9.5	9.1	9.3	7.6	7.4	7.5	6.8	6.4	6.6
4	12.1	11.7	12.0	9.7	9.3	9.5	7.9	7.5	7.7	6.7	6.5	6.6
5	12.0	11.7	11.8	9.9	9.5	9.7	7.9	7.5	7.8	6.6	6.3	6.5
6	11.7	11.4	11.5	9.9	9.5	9.7	7.9	7.5	7.7	6.4	6.1	6.3
7	11.4	11.1	11.3	9.6	8.5	9.2	8.2	7.5	7.8	6.4	6.0	6.2
8	11.3	11.0	11.1	8.5	8.3	8.4	8.4	7.7	8.1	6.5	6.1	6.3
9	11.3	9.8	10.7	8.7	8.4	8.6	8.3	7.7	8.0	6.5	6.1	6.3
10	10.1	9.6	9.7	8.9	8.4	8.7	8.3	7.7	8.0	6.2	6.1	6.2
11	9.8	9.2	9.5	9.1	8.7	8.9	8.3	7.8	8.0	6.3	5.9	6.1
12	9.4	9.0	9.2	9.0	8.6	8.7	8.1	7.8	7.9	6.2	5.9	6.0
13	9.2	9.0	9.1	8.8	8.4	8.6	8.0	7.6	7.8	6.4	5.9	6.1
14	9.1	8.8	9.0	8.7	8.4	8.6	7.8	7.5	7.7	6.4	5.9	6.1
15	9.0	8.8	8.8	8.7	8.4	8.6	7.8	7.5	7.7	6.4	6.0	6.2
16	9.0	8.7	8.9	8.8	8.5	8.7	7.8	7.5	7.7	6.3	5.8	6.1
17	9.6	8.9	9.1	8.9	8.5	8.7	7.8	7.4	7.6	6.3	5.8	6.1
18	11.7	9.6	10.6	9.1	8.8	9.0	7.9	7.5	7.7	6.4	6.0	6.2
19	12.4	11.7	12.1	9.1	8.9	9.0	7.9	7.5	7.6	6.3	5.9	6.1
20	12.3	11.4	11.9	9.3	9.0	9.2	7.7	7.3	7.5	6.3	6.0	6.1
21	11.6	11.1	11.4	9.3	7.6	8.4	7.6	7.1	7.3	6.3	5.8	6.1
22	11.9	11.6	11.8	7.9	7.5	7.7	7.7	7.3	7.5	6.4	5.8	6.1
23	11.6	10.5	11.0	7.8	7.6	7.7	7.5	7.1	7.3	6.5	6.0	6.2
24	10.5	10.0	10.2	8.1	7.7	8.0	7.6	7.2	7.4	6.5	6.1	6.3
25	10.2	10.0	10.1	8.9	8.1	8.4	7.5	7.1	7.3	6.5	6.1	6.3
26	10.2	9.6	9.8	8.9	8.2	8.6	7.5	7.1	7.3	6.4	6.0	6.2
27	10.3	9.5	9.9	8.2	7.6	7.8	7.5	6.9	7.2	6.3	5.9	6.1
28	10.3	9.1	9.5	7.7	7.5	7.6	7.6	7.1	7.3	6.4	5.8	6.0
29	---	---	---	7.6	7.3	7.5	7.4	6.9	7.1	6.3	5.9	6.1
30	---	---	---	7.5	7.2	7.3	7.3	6.8	7.0	6.2	5.7	6.0
31	---	---	---	7.3	7.2	7.2	---	---	---	6.4	5.9	6.1
MONTH	12.4	8.7	10.5	9.9	7.2	8.6	8.4	6.8	7.6	7.3	5.7	6.2

SANTEE 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 current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1991 to current year.

DISSOLVED OXYGEN: October 1991 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.5°C, July 28, 1992; minimum, 3.5°C, Jan. 10, 1994.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 23, 1994; minimum, 1.2 mg/L, June 30, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, July 19; minimum, 3.5°C, Jan. 10.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 23; minimum, 1.2 mg/L, June 30.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	20.5	22.0	15.0	13.0	14.0	13.0	11.0	12.0	---	---	---
2	23.5	20.0	22.0	15.5	13.0	14.0	12.0	11.0	11.5	---	---	---
3	24.0	19.5	22.0	15.0	13.0	13.5	12.0	11.0	11.5	---	---	---
4	23.5	21.5	22.5	15.5	13.5	14.5	13.0	11.5	12.0	---	---	---
5	23.0	20.0	21.5	16.0	15.5	15.5	13.0	10.0	12.0	---	---	---
6	23.0	19.5	21.0	16.5	15.5	16.0	12.5	11.5	12.0	---	---	---
7	---	---	---	15.5	13.5	14.5	12.5	11.0	12.0	---	---	---
8	---	---	---	14.0	12.0	13.0	12.5	11.0	11.5	---	---	---
9	22.0	18.0	20.0	14.5	12.5	14.0	12.0	9.0	11.0	---	---	---
10	23.5	18.0	21.0	14.5	13.5	14.0	12.0	10.5	11.5	7.5	3.5	6.5
11	---	---	---	14.5	12.5	13.5	12.0	10.5	11.5	7.5	7.0	7.0
12	---	---	---	14.0	12.5	13.5	11.5	10.5	11.0	8.0	7.5	7.5
13	---	---	---	14.5	13.5	14.0	11.0	10.0	10.5	8.0	7.5	8.0
14	---	---	---	15.5	14.0	15.0	11.0	10.0	10.0	8.0	7.5	8.0
15	20.5	18.0	19.0	17.0	15.5	16.0	11.5	10.0	10.5	7.5	7.0	7.5
16	19.5	18.5	19.0	16.5	14.5	15.5	10.5	9.0	10.0	7.0	6.5	6.5
17	20.0	17.5	18.5	16.5	15.5	16.0	10.5	8.5	9.5	7.0	6.5	6.5
18	20.5	16.5	19.0	16.5	14.5	15.0	11.0	9.0	10.0	7.0	6.5	7.0
19	22.5	19.0	20.0	15.0	14.5	14.5	---	---	---	6.5	5.5	6.0
20	22.5	19.0	20.5	14.5	13.0	14.0	9.5	8.0	8.5	6.5	5.5	6.0
21	---	---	---	13.5	12.0	13.0	10.5	8.5	9.5	6.0	5.5	6.0
22	---	---	---	14.5	12.5	13.0	---	---	---	6.0	5.5	5.5
23	18.0	16.0	17.5	14.5	12.5	13.5	---	---	---	6.0	5.0	5.5
24	---	---	---	15.0	12.0	13.0	8.5	8.0	8.0	6.5	5.0	6.0
25	---	---	---	14.0	11.5	13.0	8.0	6.5	7.5	7.0	5.5	6.0
26	---	---	---	14.0	12.0	13.0	7.5	6.5	7.0	7.0	6.0	6.5
27	---	---	---	13.5	13.0	13.5	---	---	---	6.5	5.5	6.0
28	19.0	17.5	18.0	13.5	13.0	13.5	---	---	---	6.5	6.0	6.0
29	17.5	15.0	16.5	13.5	12.5	13.0	8.0	7.5	8.0	6.0	6.0	6.0
30	17.0	16.0	16.5	13.0	12.0	12.5	8.0	6.5	7.5	6.0	6.0	6.0
31	16.5	14.0	15.0	---	---	---	---	---	---	6.5	6.0	6.0
MONTH	24.0	14.0	19.6	17.0	11.5	14.0	13.0	6.5	10.2	8.0	3.5	6.5

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TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.0	5.5	6.0	11.5	11.0	11.0	17.0	15.5	16.0	21.5	17.5	19.0
2	6.5	6.0	6.0	11.0	10.5	11.0	17.0	15.0	16.0	21.5	18.5	20.5
3	7.0	6.0	6.5	11.5	10.5	11.0	16.0	14.5	15.5	21.0	19.5	20.0
4	7.0	6.0	6.5	11.5	10.5	11.0	18.0	14.0	16.0	20.0	19.0	19.5
5	7.0	6.5	6.5	12.0	11.0	11.5	18.0	15.0	17.0	20.5	18.5	19.5
6	7.5	7.0	7.5	12.0	10.5	11.0	17.5	16.5	17.0	22.0	19.0	20.0
7	8.5	7.0	7.5	11.5	10.5	11.0	18.0	16.5	17.5	20.5	18.0	19.5
8	7.5	7.5	7.5	11.5	10.5	11.0	18.5	17.5	17.5	20.5	17.5	18.5
9	9.0	7.5	8.0	---	---	---	18.0	16.5	17.0	---	---	---
10	8.5	8.0	8.5	---	---	---	18.5	15.5	17.5	---	---	---
11	8.5	8.0	8.0	13.5	11.5	13.0	19.0	15.0	17.5	---	---	---
12	8.0	8.0	8.0	13.0	12.0	12.5	18.0	16.5	17.5	---	---	---
13	8.5	8.0	8.0	12.5	11.0	12.0	18.0	17.0	17.5	---	---	---
14	9.0	8.0	8.5	13.5	11.0	12.0	19.5	17.5	18.5	22.5	20.0	21.5
15	9.0	8.0	8.5	14.0	10.5	12.5	19.0	15.5	18.0	23.5	20.0	22.0
16	9.5	8.0	9.0	14.0	11.5	13.0	19.5	18.5	19.0	23.5	18.5	21.0
17	9.5	8.5	9.0	13.5	11.5	12.5	20.0	17.5	19.0	25.0	21.0	22.5
18	10.0	8.5	9.0	13.0	10.0	12.0	20.5	18.0	19.5	23.0	20.0	21.5
19	10.5	8.5	9.5	14.0	12.0	13.0	21.0	18.5	19.5	23.0	20.0	21.5
20	10.5	8.5	9.5	15.0	12.5	14.0	21.5	18.5	20.0	20.5	18.0	19.5
21	10.5	8.5	9.5	14.5	13.0	14.0	21.0	19.0	20.0	22.0	19.5	20.5
22	11.0	9.0	10.0	16.0	11.5	14.0	21.0	18.0	20.0	22.5	21.0	22.0
23	10.0	9.0	9.5	15.0	13.0	14.5	21.0	18.0	19.5	24.0	20.0	22.0
24	11.0	10.0	10.5	15.0	13.5	14.0	21.5	18.0	19.5	24.5	22.0	23.0
25	11.5	10.5	11.0	15.5	14.5	15.0	21.5	18.0	20.0	25.5	22.0	23.5
26	11.5	9.0	10.5	16.0	14.0	15.0	22.0	17.0	19.5	25.0	22.5	23.5
27	11.5	10.0	11.0	15.0	13.0	14.5	21.5	18.5	20.0	25.0	22.5	23.5
28	11.5	10.5	11.0	16.0	15.0	15.5	---	---	---	25.0	21.5	23.0
29	---	---	---	17.0	16.0	16.5	21.5	18.0	19.5	26.0	22.0	23.5
30	---	---	---	17.0	15.5	16.5	21.0	18.0	19.5	24.0	21.5	23.0
31	---	---	---	17.0	15.0	16.0	---	---	---	23.5	22.5	23.0
MONTH	11.5	5.5	8.6	17.0	10.0	13.1	22.0	14.0	18.3	26.0	17.5	21.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.0	22.0	23.5	28.0	26.5	27.0	28.5	27.5	28.0	---	---	---
2	26.5	22.5	24.5	28.5	27.0	27.5	29.0	27.5	28.0	27.5	26.5	27.0
3	26.0	23.0	24.5	28.5	25.0	27.0	29.0	24.5	28.0	26.5	26.0	26.0
4	24.5	22.5	23.5	27.0	25.5	26.5	---	---	---	26.5	25.5	26.0
5	26.5	22.5	24.0	26.5	24.0	25.5	27.5	26.5	27.0	---	---	---
6	24.5	23.0	23.5	28.0	25.0	26.5	---	---	---	---	---	---
7	---	---	---	29.0	25.5	27.0	27.5	25.5	27.0	---	---	---
8	---	---	---	---	---	---	29.0	26.5	27.5	26.5	25.0	25.5
9	---	---	---	---	---	---	29.5	26.5	27.5	26.5	25.0	25.5
10	---	---	---	---	---	---	29.5	24.5	28.0	26.0	24.5	25.0
11	---	---	---	---	---	---	28.5	26.0	27.0	26.5	24.5	25.0
12	---	---	---	---	---	---	28.5	24.5	26.5	26.0	24.0	25.0
13	---	---	---	---	---	---	---	---	---	27.0	24.5	25.5
14	---	---	---	---	---	---	---	---	---	26.5	24.0	25.0
15	---	---	---	---	---	---	---	---	---	26.0	24.5	25.0
16	26.5	23.5	25.0	---	---	---	---	---	---	25.5	24.5	25.0
17	26.0	24.5	25.0	---	---	---	---	---	---	25.0	24.5	24.5
18	28.0	25.5	26.0	---	---	---	---	---	---	24.5	22.5	24.0
19	28.0	25.0	26.5	31.0	27.5	29.0	---	---	---	24.0	21.5	23.0
20	27.5	25.0	26.5	29.0	27.0	28.0	---	---	---	---	---	---
21	28.0	25.5	27.0	29.0	27.5	28.5	---	---	---	---	---	---
22	28.0	23.0	26.0	28.5	25.0	26.5	---	---	---	---	---	---
23	28.0	23.0	26.5	28.5	27.0	27.5	---	---	---	25.0	23.0	24.0
24	---	---	---	30.0	25.5	27.5	---	---	---	---	---	---
25	---	---	---	30.0	28.0	29.0	---	---	---	---	---	---
26	28.0	25.5	26.5	30.0	27.5	29.0	---	---	---	---	---	---
27	26.5	24.0	25.5	29.0	28.0	28.5	---	---	---	---	---	---
28	27.5	25.0	26.5	28.5	28.0	28.0	---	---	---	25.5	23.0	24.0
29	27.0	26.0	26.5	29.0	28.0	28.5	---	---	---	26.0	23.5	24.5
30	27.5	26.5	27.0	29.0	27.5	28.5	---	---	---	25.5	23.5	24.5
31	---	---	---	29.0	27.5	28.5	---	---	---	---	---	---
MONTH	28.0	22.0	25.5	31.0	24.0	27.7	29.5	24.5	27.4	27.5	21.5	24.9
YEAR	31.0	3.5	17.0									

SANTEE RIVER BASIN

02148060 WATEREE RIVER BELOW CAMDEN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.0	4.9	5.3	6.6	6.1	6.4	7.7	7.3	7.4	---	---	---
2	6.0	5.1	5.4	7.4	6.4	6.7	8.0	7.3	7.7	---	---	---
3	5.9	4.8	5.3	7.4	6.4	6.9	7.9	7.1	7.5	---	---	---
4	5.8	4.8	5.3	7.1	6.2	6.6	7.8	6.7	7.1	9.8	9.2	9.3
5	6.0	4.7	5.1	7.0	6.3	6.6	7.7	6.1	6.7	9.7	9.1	9.4
6	5.8	4.7	5.1	7.1	6.2	6.6	7.0	5.5	6.4	9.8	9.6	9.7
7	5.7	4.8	5.1	7.7	6.5	7.0	6.8	5.2	6.2	10.5	9.7	10.0
8	5.7	4.6	5.0	7.9	7.1	7.4	7.6	5.5	6.5	11.0	10.0	10.2
9	5.9	4.9	5.3	8.0	6.3	7.0	7.6	6.7	7.1	11.0	10.2	10.4
10	6.0	4.5	5.1	7.1	6.5	6.7	7.6	6.1	6.9	---	---	---
11	5.9	4.8	5.4	7.6	6.5	7.1	6.5	5.6	6.1	---	---	---
12	6.4	5.2	5.6	7.7	6.7	7.1	6.9	4.4	5.7	---	---	---
13	6.7	5.0	5.6	7.5	6.7	7.2	7.5	6.1	6.7	---	---	---
14	6.8	5.2	5.9	7.5	6.8	7.2	7.5	6.4	7.1	---	---	---
15	6.7	5.2	6.1	7.5	6.7	7.2	7.0	5.7	6.6	---	---	---
16	7.1	6.3	6.6	7.7	6.4	7.0	7.9	5.6	7.3	---	---	---
17	6.5	5.9	6.2	7.5	6.2	6.8	8.4	7.6	8.0	---	---	---
18	6.9	5.8	6.2	7.4	6.1	6.6	8.4	7.5	8.1	---	---	---
19	7.2	5.8	6.3	7.3	6.3	6.8	8.6	5.9	7.8	10.9	10.1	10.3
20	7.1	5.8	6.6	7.1	6.6	6.9	8.5	6.4	7.5	10.9	10.4	10.5
21	6.7	5.3	6.1	8.4	6.9	7.7	8.5	7.6	7.9	10.8	10.4	10.5
22	6.5	5.0	5.5	8.0	6.8	7.2	8.2	8.0	8.1	11.1	10.5	10.7
23	7.2	5.5	6.1	8.2	6.8	7.4	8.4	8.0	8.2	13.2	10.6	10.9
24	7.4	6.1	6.5	8.1	6.6	7.2	8.5	8.2	8.3	11.2	10.6	10.8
25	7.1	5.8	6.2	8.4	6.6	7.2	8.7	8.2	8.4	11.2	10.5	10.8
26	6.9	5.9	6.2	7.9	6.7	7.2	9.8	8.6	9.1	11.2	10.4	10.6
27	7.2	5.8	6.2	7.9	7.0	7.3	9.5	8.8	9.0	10.9	10.5	10.6
28	6.4	5.5	5.9	7.2	6.6	6.8	9.6	8.7	9.2	10.8	10.6	10.7
29	7.1	6.2	6.6	7.1	6.6	6.8	9.4	8.9	9.1	10.8	10.6	10.7
30	7.0	5.9	6.6	7.5	6.7	7.1	9.6	8.9	9.2	10.8	10.7	10.8
31	6.3	5.9	6.1	---	---	---	9.9	9.1	9.3	11.0	10.8	10.9
MONTH	7.4	4.5	5.8	8.4	6.1	7.0	9.9	4.4	7.6	13.2	9.1	10.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.4	10.9	11.0	10.3	10.1	10.2	8.5	7.7	8.0	7.7	5.9	6.6
2	11.2	10.9	11.0	10.4	10.1	10.3	8.1	7.6	7.8	8.2	6.2	7.0
3	11.3	10.8	11.0	10.4	10.1	10.2	8.0	7.3	7.6	8.2	6.2	6.9
4	11.4	10.9	11.0	10.3	10.1	10.2	8.6	7.4	7.9	7.3	6.5	6.8
5	11.2	10.8	10.9	10.2	10.0	10.1	8.2	7.4	7.7	8.0	6.6	7.1
6	11.2	10.9	11.0	10.2	10.0	10.1	7.6	7.3	7.4	8.2	6.4	7.1
7	11.6	10.8	11.0	10.1	10.0	10.0	8.5	7.2	7.7	8.1	6.3	7.0
8	11.1	10.8	10.9	10.1	9.9	10.0	8.4	7.9	8.1	8.0	6.0	6.7
9	10.9	10.7	10.8	10.0	9.9	10.0	8.3	7.6	7.7	8.2	6.6	7.2
10	10.9	10.6	10.8	10.0	9.8	9.9	8.4	7.4	7.6	8.1	6.1	6.8
11	10.9	10.8	10.8	10.3	9.8	10.0	8.1	7.2	7.6	8.2	6.3	7.1
12	10.9	10.8	10.8	10.3	9.7	9.9	7.9	7.4	7.6	8.3	6.3	7.2
13	10.9	10.8	10.9	10.1	9.7	9.8	7.6	7.3	7.4	8.5	6.2	7.3
14	11.2	10.9	11.0	10.0	9.5	9.7	8.7	7.1	7.8	8.6	6.4	7.4
15	11.2	10.9	11.0	10.0	9.6	9.7	8.2	7.4	7.6	8.5	6.4	7.4
16	11.4	10.8	11.0	10.1	9.3	9.7	7.9	7.1	7.5	8.2	5.7	7.1
17	11.2	10.8	10.9	10.0	9.5	9.7	8.5	7.3	7.7	9.3	6.6	7.8
18	11.1	10.7	10.8	9.8	9.4	9.5	8.4	7.1	7.7	8.1	6.2	7.1
19	11.3	10.4	10.8	9.7	9.3	9.5	8.6	7.1	7.5	8.9	6.8	7.7
20	11.2	10.5	10.7	9.8	9.2	9.4	8.4	7.0	7.4	9.1	7.7	8.3
21	10.9	10.5	10.6	9.8	8.9	9.4	8.0	6.9	7.2	8.1	6.4	7.4
22	10.9	10.5	10.6	10.1	9.0	9.4	8.3	6.7	7.1	9.2	6.5	7.4
23	10.5	9.8	10.1	9.6	8.9	9.2	8.6	6.7	7.3	8.4	5.9	7.2
24	10.3	9.9	10.1	9.5	8.8	9.0	8.3	6.8	7.3	8.1	5.7	6.9
25	10.4	10.1	10.2	8.8	8.5	8.7	8.4	6.6	7.3	8.9	5.2	7.1
26	10.5	9.9	10.1	8.9	8.5	8.7	8.4	6.6	7.2	8.2	6.0	7.1
27	10.6	10.2	10.4	8.8	8.0	8.2	7.8	6.1	6.8	8.1	4.7	6.2
28	10.6	10.2	10.4	8.0	7.9	8.0	7.7	6.4	6.9	7.5	5.0	6.4
29	---	---	---	8.8	7.8	8.2	7.5	6.2	6.6	8.5	6.1	7.1
30	---	---	---	8.7	8.0	8.2	7.7	6.0	6.6	7.4	4.6	6.1
31	---	---	---	8.7	7.7	7.9	---	---	---	6.9	5.3	6.1
MONTH	11.6	9.8	10.7	10.4	7.7	9.4	8.7	6.0	7.5	9.3	4.6	7.1

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 above sea level (South Carolina Electric and Gas Company benchmark).

REMARKS.--Estimated daily discharges, Sept. 3⁶, 7. Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³/s). Discharge represents only that portion of the flow confined to the main channel; less than about 10,000 ft³/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 10,000 ft³/s are not shown for Mar 2 - 10, Aug. 19 to Sept. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1740	2400	6610	5680	9640	9980	9450	5380	1740	9600	4580	---
2	1790	2520	4570	4310	8940	---	9450	4080	1660	9420	4170	---
3	1790	2480	3110	3720	9180	---	9520	3540	1690	7840	4620	---
4	1730	2270	2240	4260	9460	---	9710	3510	1770	7280	4620	9520
5	1780	2040	2590	7680	9280	---	9330	4410	1800	8220	5360	8450
6	1810	1900	5500	9480	8510	---	8650	4220	1870	8520	6730	6950
7	1710	1700	7230	9670	6940	---	8950	3840	1970	8210	5900	6730
8	1740	1620	6160	8920	6720	---	9030	3670	3560	5000	4220	6630
9	1720	1510	5050	7170	7300	---	9220	3540	5340	3000	2940	6640
10	1640	2070	3760	5970	8330	---	8890	3420	3850	2560	2360	4940
11	1680	2500	4500	4830	9140	9910	7400	3360	3600	2350	2440	4150
12	1760	2030	7370	7780	9620	9800	6760	3290	4600	2150	2210	4650
13	1690	1940	7880	9050	9800	8910	7440	3260	2950	2080	3870	4600
14	1690	1800	6490	9440	9840	8670	8110	3260	2580	2020	5370	3190
15	1710	1630	5100	9720	9850	8850	8570	3210	3270	1970	4140	3540
16	1700	1540	5770	9750	9750	8250	9000	3190	4120	1950	5240	2910
17	1360	1740	4390	9330	9370	7590	8740	3110	4980	1920	9400	3470
18	1240	1640	3180	9060	9140	8240	7360	2330	5960	1900	9960	3280
19	1320	1570	2880	9430	8820	8690	6770	2160	3740	1980	---	3320
20	1230	1600	3550	9280	7040	9070	6920	2010	2380	1910	---	3800
21	1130	1640	5350	9100	6700	7680	6910	1640	2300	2820	---	3470
22	1150	1500	8230	9270	7330	6150	6590	1820	2500	5420	---	3130
23	1500	1800	8790	8590	8470	7010	6150	1990	2750	4820	---	2440
24	1740	1810	9070	6930	9460	7140	5160	1990	2730	5770	---	2350
25	1800	1790	8900	5790	9830	7820	4460	2020	2770	4700	---	2650
26	1900	1900	6920	5930	9950	8570	4230	1930	2470	3830	---	4500
27	1880	1880	4160	6370	9930	8750	4810	1820	2170	3490	---	4660
28	1880	1910	3710	8000	9960	9070	5770	1840	3610	5350	---	4530
29	1850	5440	4330	9010	---	9650	5880	1880	5960	6900	---	4310
30	1630	7710	5710	9620	---	9640	6760	1490	8830	7330	---	4620
31	1860	---	6100	9800	---	9480	---	1630	---	6190	---	---
TOTAL	51150	65880	169200	242940	248300		225990	88840	99520	146500		
MEAN	1650	2196	5458	7837	8868		7533	2866	3317	4726		
MAX	1900	7710	9070	9800	9960		9710	5380	8830	9600		
MIN	1130	1500	2240	3720	6700	6150	4230	1490	1660	1900	2210	2350
CFSM	.30	.39	.98	1.40	1.59		1.35	.51	.59	.85		
IN.	.34	.44	1.13	1.62	1.65		1.50	.59	.66	.97		

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1994, BY WATER YEAR (WY)

MIN (WY)	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
	1650	1623	2885	4046	3047	3635	2344	1440	1350	1507	1627	1939															
	1994	1982	1989	1989	1977	1981	1985	1986	1988	1986	1988	1986															

SUMMARY STATISTICS

FOR 1994 WATER YEAR

WATER YEARS 1968 - 1994

LOWEST DAILY MEAN	1130	Oct 21	549	Oct 22 1986
ANNUAL SEVEN-DAY MINIMUM	1300	Oct 16	698	Oct 18 1986
INSTANTANEOUS PEAK FLOW	Unknown	*Aug 21	Unknown	Oct 6 1989
INSTANTANEOUS PEAK STAGE	15.33	*Aug 21	17.98	Oct 6 1989

* Also occurred on Aug. 22.

SANTEE RIVER BASIN
02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued
WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: February 1971 to current year.

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: October 1970 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.3 units, May 14, 15, 1993.

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, 304 microsiemens, Oct. 5; minimum, 100 microsiemens, Sept. 27, 28.

pH: Maximum, 8.2 units, April 12 - 14; minimum, 5.9 units, Nov. 11.

WATER TEMPERATURE: Maximum, 31.0°C, July 16, 17; minimum, 5.0°C, Jan. 20 - 24.

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Jan. 21, 23; minimum recorded, 3.7 mg/L, Aug. 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	273	211	246	197	176	192	212	207	210	255	250	253
2	237	229	231	176	139	156	219	211	216	251	239	246
3	265	237	252	165	139	157	224	213	218	241	234	239
4	301	265	282	191	165	174	224	217	222	234	214	225
5	304	293	300	197	180	191	217	210	213	249	225	238
6	300	279	287	213	179	191	228	214	220	248	241	247
7	286	273	278	---	---	---	228	223	226	248	240	245
8	285	242	258	---	---	---	225	223	224	244	237	239
9	261	245	254	---	---	---	234	224	231	238	234	236
10	245	230	238	---	---	---	234	230	232	239	230	234
11	230	208	216	---	---	---	234	226	230	239	212	231
12	213	173	190	---	---	---	244	234	243	227	212	224
13	181	177	179	---	---	---	243	241	242	226	213	221
14	180	177	179	---	---	---	242	240	241	213	200	203
15	182	180	181	---	---	---	241	236	239	204	200	202
16	184	181	182	---	---	---	248	238	244	200	193	197
17	182	178	180	---	---	---	244	236	238	193	183	186
18	263	176	202	---	---	---	236	225	229	185	183	184
19	263	245	253	---	---	---	232	214	223	188	183	186
20	273	252	264	---	---	---	237	226	231	183	174	178
21	273	266	269	---	---	---	251	237	246	178	172	174
22	272	250	264	---	---	---	257	246	254	178	168	174
23	257	242	248	255	243	250	252	246	248	168	163	166
24	255	249	251	255	243	249	253	250	251	166	150	161
25	250	247	248	250	243	247	252	242	249	169	165	167
26	247	231	237	249	241	245	249	243	246	167	162	164
27	242	228	236	247	240	244	246	241	244	163	160	162
28	241	230	236	248	209	235	245	203	232	162	155	159
29	244	233	239	212	175	201	251	238	246	161	151	155
30	243	232	238	212	204	208	255	242	250	153	146	148
31	241	194	218	---	---	---	257	250	254	148	145	147
MONTH	304	173	237	255	139	210	257	203	235	255	145	200

SANTÉE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	145	139	143	119	117	118	129	118	123	143	138	140
2	142	138	139	122	119	120	129	126	127	150	143	147
3	145	142	144	125	111	121	135	127	131	154	150	152
4	147	145	146	117	110	113	137	131	136	152	143	149
5	146	143	144	117	108	110	134	131	132	143	139	140
6	147	145	146	117	109	113	138	132	135	139	128	136
7	148	128	143	116	116	116	140	138	139	132	126	129
8	146	128	137	116	113	116	139	136	138	138	132	136
9	146	143	145	113	109	111	136	135	136	141	138	140
10	143	140	142	110	108	109	136	130	133	145	140	143
11	141	138	139	110	107	109	135	130	132	146	143	145
12	139	135	137	108	107	108	135	133	134	149	145	147
13	135	131	133	109	107	108	134	128	132	150	148	149
14	131	129	130	111	104	108	131	130	131	153	148	150
15	130	127	128	111	109	110	132	128	131	153	150	152
16	127	125	126	112	111	111	131	127	129	155	150	152
17	129	125	126	113	111	112	131	127	128	158	154	155
18	133	129	131	114	113	113	129	127	128	173	156	165
19	136	133	134	116	113	115	131	127	130	172	167	169
20	139	136	137	117	116	116	132	130	131	179	164	170
21	139	121	135	122	116	118	133	132	133	185	177	181
22	137	120	133	127	110	119	135	133	134	184	173	179
23	134	131	133	127	124	125	139	135	136	175	171	173
24	131	128	130	126	123	125	143	139	140	176	125	162
25	128	115	124	125	121	123	145	142	144	178	136	175
26	118	115	117	123	117	122	145	144	144	178	125	152
27	117	114	115	117	110	114	145	138	142	180	174	177
28	117	115	116	124	114	116	140	136	138	178	173	176
29	---	---	---	127	124	126	140	137	138	183	172	176
30	---	---	---	125	113	121	138	135	136	194	183	189
31	---	---	---	126	118	122	---	---	---	192	181	185
MONTH	148	114	134	127	104	116	145	118	134	194	125	158
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	182	179	181	157	140	151	163	159	161	---	---	---
2	189	181	184	141	130	135	162	149	158	---	---	---
3	189	185	187	138	130	133	168	149	163	---	---	---
4	191	185	187	133	129	131	189	168	179	---	---	---
5	189	185	187	133	126	129	---	---	---	122	119	121
6	189	182	184	130	124	126	---	---	---	125	122	124
7	183	164	173	126	122	124	---	---	---	123	121	122
8	167	135	148	136	120	129	---	---	---	---	---	---
9	146	134	140	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	158	142	151	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	162	143	151	---	---	---	189	177	183	---	---	---
18	145	140	143	---	---	---	180	163	171	---	---	---
19	---	---	---	193	188	191	177	165	168	---	---	---
20	---	---	---	196	189	193	180	177	179	---	---	---
21	185	177	180	195	170	183	182	178	180	---	---	---
22	187	178	182	172	168	170	182	170	176	---	---	---
23	183	177	179	171	165	168	170	162	167	138	123	131
24	181	145	171	170	164	168	162	125	146	138	133	136
25	181	177	179	172	169	170	125	117	120	136	119	131
26	192	178	185	173	155	170	117	112	115	119	105	111
27	190	180	185	174	143	165	117	108	112	115	100	109
28	184	157	167	165	160	162	---	---	---	115	100	109
29	160	141	154	165	160	162	---	---	---	118	111	115
30	155	145	151	162	158	160	---	---	---	120	116	118
31	---	---	---	162	159	161	---	---	---	---	---	---
MONTH	192	134	170	196	120	156	189	108	159	138	100	121
YEAR	304	100	171									

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	22.5	21.0	22.0	14.5	13.5	14.0	12.5	11.5	12.0	7.5	7.0	7.0
2	22.0	21.0	21.5	13.5	12.5	13.0	12.0	11.5	11.5	7.5	7.0	7.0
3	23.0	21.0	22.0	13.0	12.0	12.5	12.0	11.0	11.5	8.0	7.0	7.5
4	24.0	22.5	23.0	14.0	12.5	13.0	13.0	11.5	12.0	8.5	8.0	8.0
5	24.0	22.5	23.5	14.5	14.0	14.5	13.5	12.5	13.0	8.0	7.5	7.5
6	23.5	22.5	23.0	15.5	14.5	15.0	13.5	12.5	13.0	7.5	7.5	7.5
7	22.5	22.0	22.0	15.5	15.0	15.0	12.5	12.0	12.5	8.0	7.5	7.5
8	22.5	21.5	22.0	15.0	13.5	14.0	12.0	11.5	12.0	8.5	8.0	8.0
9	23.0	21.5	22.0	13.5	12.5	13.0	12.0	11.5	11.5	8.5	7.5	8.0
10	24.0	22.5	23.0	12.5	12.0	12.5	11.5	11.0	11.5	7.5	6.5	7.0
11	23.5	21.0	22.0	13.5	12.0	12.5	11.5	10.5	11.0	7.0	6.5	7.0
12	21.0	20.0	20.5	13.0	12.5	13.0	11.0	10.5	11.0	8.0	6.5	7.5
13	20.0	19.0	19.5	13.5	13.0	13.0	10.5	10.0	10.5	8.0	8.0	8.0
14	19.0	18.5	19.0	15.5	13.5	14.5	10.0	9.5	10.0	8.0	8.0	8.0
15	20.5	19.0	19.5	17.0	15.0	16.0	10.0	9.5	10.0	8.0	7.0	7.5
16	20.0	19.5	20.0	18.0	17.0	17.5	10.5	9.5	10.0	7.0	6.0	6.5
17	20.5	19.5	20.0	18.5	18.0	18.0	10.5	9.5	10.0	6.0	5.5	6.0
18	21.0	19.5	20.5	18.5	17.5	18.0	10.5	9.5	10.0	6.0	5.5	6.0
19	22.0	20.5	21.0	17.5	17.0	17.5	10.5	10.0	10.0	6.0	5.5	6.0
20	22.5	21.5	22.0	17.0	15.5	16.5	10.0	9.5	9.5	5.5	5.0	5.0
21	23.5	22.0	22.5	15.5	13.5	14.5	10.0	9.5	10.0	5.5	5.0	5.0
22	23.0	20.5	22.0	13.5	13.0	13.5	10.0	9.5	10.0	5.5	5.0	5.5
23	20.5	19.5	20.0	13.5	12.5	13.0	10.0	9.5	9.5	5.5	5.0	5.0
24	19.5	18.5	19.0	14.0	13.0	13.5	9.5	9.0	9.0	6.0	5.0	5.5
25	18.5	18.0	18.0	13.5	13.0	13.5	9.0	8.5	9.0	6.5	5.5	6.0
26	18.5	18.5	18.5	13.5	13.0	13.5	8.5	8.0	8.0	7.0	6.5	6.5
27	19.0	18.0	18.5	13.5	13.5	13.5	8.0	7.5	7.5	7.0	6.5	7.0
28	19.0	18.0	18.5	13.5	13.0	13.5	8.5	7.5	8.0	7.0	6.0	6.5
29	18.0	17.0	17.5	13.0	12.5	13.0	9.0	8.5	9.0	6.5	6.0	6.5
30	17.0	17.0	17.0	13.0	12.5	12.5	8.5	8.0	8.0	6.5	6.0	6.0
31	17.0	14.5	16.0	---	---	---	8.0	7.5	7.5	6.0	5.5	6.0
MONTH	24.0	14.5	20.5	18.5	12.0	14.2	13.5	7.5	10.3	8.5	5.0	6.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	6.0	5.5	5.5	10.5	10.0	10.5	16.5	16.0	16.5	23.5	22.0	23.0
2	6.0	5.5	6.0	10.5	10.0	10.5	16.5	16.0	16.5	23.0	22.0	22.5
3	6.0	5.5	5.5	10.5	10.0	10.0	17.0	16.5	17.0	22.5	21.0	21.5
4	6.0	5.5	6.0	11.0	10.0	10.5	17.0	16.5	17.0	21.0	19.0	19.5
5	6.5	6.0	6.5	11.0	10.5	11.0	17.5	17.0	17.0	19.5	18.0	18.5
6	7.0	6.5	7.0	11.5	11.0	11.5	18.0	17.5	18.0	20.5	19.0	19.5
7	8.0	7.0	7.5	12.0	11.5	11.5	18.0	17.5	17.5	21.5	19.5	20.5
8	8.0	7.5	8.0	12.0	11.5	12.0	17.5	17.0	17.5	22.0	21.0	21.5
9	8.5	8.0	8.5	12.5	12.0	12.0	18.0	17.5	17.5	22.0	20.5	21.5
10	9.0	8.5	8.5	12.5	12.5	12.5	18.0	17.5	18.0	22.0	21.0	21.5
11	8.5	7.0	7.5	12.5	11.0	12.0	19.0	18.0	18.5	22.5	21.0	21.5
12	7.0	7.0	7.0	12.5	11.0	12.0	19.5	18.5	19.0	23.0	21.5	22.5
13	7.5	7.0	7.5	12.5	12.0	12.0	19.5	18.5	19.0	23.5	22.5	23.0
14	8.0	7.5	7.5	12.0	11.5	12.0	18.5	18.0	18.5	23.5	22.0	23.0
15	8.0	7.5	7.5	12.5	12.0	12.5	19.0	18.5	18.5	23.5	22.0	23.0
16	8.0	7.5	8.0	13.5	12.5	13.0	20.0	19.0	19.5	24.0	22.5	23.5
17	8.5	8.0	8.0	13.5	12.5	13.0	19.5	19.0	19.5	24.5	23.0	24.0
18	9.0	8.5	8.5	12.5	12.5	12.5	20.0	19.0	19.5	24.0	23.0	23.5
19	9.5	9.0	9.0	13.0	12.5	13.0	20.5	19.5	20.0	23.5	22.5	23.0
20	10.0	9.5	10.0	13.5	13.0	13.5	21.0	20.0	20.5	22.5	21.0	22.0
21	10.5	10.0	10.0	15.0	13.5	14.5	21.5	20.5	21.0	21.0	20.5	21.0
22	10.0	9.5	10.0	16.0	14.5	15.5	21.5	20.5	21.0	22.0	20.0	21.0
23	10.5	9.5	10.0	15.5	14.5	14.5	21.0	19.5	20.5	23.0	21.0	22.0
24	10.5	9.5	10.0	15.5	14.5	15.0	20.5	19.0	20.0	24.5	23.0	23.5
25	10.5	9.5	10.0	15.5	15.0	15.0	22.0	19.5	21.0	25.5	24.0	24.5
26	11.0	10.5	10.5	15.5	14.5	15.0	22.5	20.5	21.5	25.5	24.5	25.0
27	10.5	10.0	10.5	16.5	15.5	16.0	23.5	21.5	22.5	25.5	25.0	25.0
28	10.5	10.0	10.0	17.0	15.5	16.5	23.0	22.5	22.5	25.0	24.5	24.5
29	---	---	---	16.0	15.0	15.5	23.5	22.0	23.0	25.0	24.0	24.5
30	---	---	---	16.5	15.5	16.0	23.0	22.5	22.5	25.0	24.0	24.5
31	---	---	---	16.5	16.0	16.5	---	---	---	24.5	24.0	24.5
MONTH	11.0	5.5	8.2	17.0	10.0	13.1	23.5	16.0	19.3	25.5	18.0	22.5

SANTÉE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

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

SANTEE RIVER BASIN

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

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

DRAINAGE AREA.--24.1 mi².

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

GAGE.--Data collection platform. Elevation of gage is 565 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Sept. 18, 19, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	6.3	9.7	11	16	18	25	12	7.1	7.3	4.3	199
2	3.0	4.9	8.9	11	15	340	22	12	6.9	6.5	4.2	79
3	3.0	4.5	8.8	12	14	73	21	12	6.7	5.9	4.2	17
4	2.9	4.7	8.9	39	13	33	20	18	6.5	5.9	4.1	13
5	2.7	12	21	21	14	25	19	13	7.9	8.7	4.3	10
6	2.5	9.8	14	15	15	22	20	12	16	7.8	4.1	9.4
7	2.5	6.1	10	14	14	20	20	12	9.6	6.3	3.7	9.1
8	2.5	5.1	9.5	19	13	19	18	11	8.4	5.7	3.4	8.3
9	2.4	4.9	9.1	16	13	18	18	11	8.3	5.6	3.1	7.9
10	2.2	5.1	10	13	15	34	18	10	9.5	5.3	2.8	7.5
11	2.5	5.1	12	12	24	25	17	9.9	10	5.7	2.6	7.0
12	2.7	5.1	9.9	40	32	20	16	9.7	8.0	8.3	2.6	6.5
13	2.7	5.0	9.1	26	26	19	22	9.4	7.4	8.2	2.6	6.3
14	2.6	5.1	9.3	18	20	19	20	9.3	6.9	6.1	2.7	6.2
15	2.4	6.2	12	15	17	18	19	10	6.7	5.5	14	6.1
16	2.5	6.7	11	14	16	17	32	10	6.5	5.2	15	6.0
17	2.7	6.4	9.9	14	15	16	22	8.8	6.2	5.3	76	6.0
18	3.7	8.4	9.4	20	14	16	19	8.3	6.7	6.9	15	6.6
19	5.8	8.3	9.5	22	14	16	17	8.3	6.1	11	60	7.0
20	4.6	6.9	10	21	13	15	17	8.2	5.6	12	54	6.0
21	3.5	6.3	28	20	14	15	16	8.3	5.6	10	26	5.7
22	5.4	5.8	16	16	14	16	15	8.0	5.4	16	19	5.6
23	5.1	6.0	13	13	48	15	14	7.6	5.0	13	13	5.4
24	4.7	6.1	12	13	110	15	14	7.4	4.9	8.3	11	7.7
25	4.2	6.2	11	13	32	53	14	7.3	5.8	6.2	10	11
26	3.9	6.9	11	14	22	26	14	7.0	5.2	5.3	9.0	7.2
27	3.7	74	10	14	18	23	16	7.2	15	5.1	8.9	6.1
28	3.6	31	10	83	16	126	19	6.6	11	5.5	10	5.7
29	3.5	13	15	35	---	196	14	6.4	23	5.3	8.7	5.4
30	17	9.9	13	21	---	45	13	6.3	9.9	4.7	8.1	5.0
31	10	---	11	18	---	30	---	6.8	---	4.4	7.9	---
TOTAL	123.7	291.8	362.0	633	607	1343	551	293.8	247.8	223.0	414.3	488.7
MEAN	3.99	9.73	11.7	20.4	21.7	43.3	18.4	9.48	8.26	7.19	13.4	16.3
MAX	17	74	28	83	110	340	32	18	23	16	76	199
MIN	2.2	4.5	8.8	11	13	15	13	6.3	4.9	4.4	2.6	5.0
CFSM	.17	.40	.48	.85	.90	1.80	.76	.39	.34	.30	.55	.68
IN.	.19	.45	.56	.98	.94	2.07	.85	.45	.38	.34	.64	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	17.2	18.1	22.6	35.3	39.4	44.6	27.2	19.6	13.7	9.42	12.3	7.40		
MAX	91.8	60.1	54.9	82.5	66.8	94.5	54.7	37.1	36.8	30.7	47.8	16.3		
(WY)	1991	1986	1984	1993	1984	1993	1983	1984	1992	1984	1985	1994		
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	11173.3	5579.1	
ANNUAL MEAN	30.6	15.3	
HIGHEST ANNUAL MEAN			22.2
LOWEST ANNUAL MEAN			37.5
HIGHEST DAILY MEAN	649	Mar 24	11.2
LOWEST DAILY MEAN	2.1	Sep 14	1000
ANNUAL SEVEN-DAY MINIMUM	2.5	Oct 5	.76
INSTANTANEOUS PEAK FLOW			.92
INSTANTANEOUS PEAK STAGE			*1890
ANNUAL RUNOFF (CFSM)	1.27	10.57	13.22
ANNUAL RUNOFF (INCHES)	17.25	.63	.92
10 PERCENT EXCEEDS	54	8.61	12.49
50 PERCENT EXCEEDS	13	22	37
90 PERCENT EXCEEDS	3.6	4.3	13
			4.2

* From rating curve extended above 500 ft³/s.

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

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

REMARKS.--Records good except for estimated daily discharges, Nov. 28 to Dec. 13, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	101	105	107	185	195	320	152	99	138	164	167
2	79	91	95	107	170	380	292	147	98	121	155	199
3	78	95	90	114	159	423	270	147	95	110	166	197
4	77	93	85	217	153	308	251	210	94	105	168	181
5	76	126	230	193	150	257	237	171	151	104	380	167
6	76	134	155	156	149	224	247	153	276	115	219	168
7	78	106	140	144	144	204	246	144	174	106	173	166
8	79	98	125	216	140	192	224	144	369	101	157	157
9	78	95	120	186	139	183	215	139	227	100	157	152
10	76	94	115	156	143	228	210	134	172	97	138	149
11	74	92	110	145	256	205	240	132	162	148	129	144
12	76	91	110	371	403	181	242	132	145	122	123	140
13	77	90	105	335	290	174	300	126	136	116	128	136
14	77	90	111	235	239	171	328	124	128	118	165	134
15	78	104	155	188	206	166	275	152	123	111	185	132
16	79	113	142	158	185	164	394	179	123	124	365	131
17	84	101	126	164	175	160	322	141	118	109	2750	135
18	84	98	119	267	169	152	278	126	117	109	2860	172
19	81	97	116	191	162	151	245	123	111	132	610	169
20	76	96	115	172	157	148	222	121	104	171	418	132
21	77	93	153	159	154	148	205	120	100	161	357	131
22	80	92	141	153	152	148	191	120	100	154	322	129
23	84	93	130	149	345	145	180	116	100	168	280	128
24	82	93	121	148	658	142	172	111	104	256	250	158
25	81	93	116	147	367	173	165	110	105	188	226	241
26	80	93	112	145	278	158	161	109	101	156	210	296
27	80	322	108	145	233	313	159	108	268	165	218	177
28	79	250	108	363	205	1100	212	104	198	1000	263	148
29	78	160	119	350	---	1010	165	102	208	464	195	136
30	129	115	119	245	---	510	156	102	154	229	179	128
31	137	---	109	204	---	376	---	100	---	178	172	---
TOTAL	2548	3409	3805	6030	6166	8489	7124	4099	4460	5476	12282	4800
MEAN	82.2	114	123	195	220	274	237	132	149	177	396	160
MAX	137	322	230	371	658	1100	394	210	369	1000	2860	296
MIN	74	90	85	107	139	142	156	100	94	97	123	128
CFSM	.71	.98	1.06	1.68	1.90	2.36	2.05	1.14	1.28	1.52	3.42	1.38
IN.	.82	1.09	1.22	1.93	1.98	2.72	2.28	1.31	1.43	1.76	3.94	1.58

MEAN	175	166	204	252	270	297	267	209	180	157	167	144
MAX	795	429	459	791	621	752	763	466	439	310	490	405
(WY)	1965	1993	1962	1937	1960	1952	1936	1959	1961	1943	1940	1975
MIN	35.1	56.8	65.7	66.6	95.5	100	91.5	82.8	59.1	46.1	38.9	34.1
(WY)	1955	1932	1956	1956	1986	1955	1986	1988	1988	1986	1988	1954

ANNUAL TOTAL	88515		68688				
ANNUAL MEAN	243		188		208		
HIGHEST ANNUAL MEAN					340		1937
LOWEST ANNUAL MEAN					101		1988
HIGHEST DAILY MEAN	1800	May 6	2860	Aug 18	8110		Oct 5 1964
LOWEST DAILY MEAN	74	Oct 11	74	Oct 11	27		Aug 27 1988
ANNUAL SEVEN-DAY MINIMUM	77	Oct 9	77	Oct 9	29		Oct 3 1954
INSTANTANEOUS PEAK FLOW			5010	Aug 18	*12500		Aug 14 1940
INSTANTANEOUS PEAK STAGE			16.43	Aug 18	27.13		Aug 14 1940
INSTANTANEOUS LOW FLOW			74	Oct 11	9.0		Oct 6 1954
ANNUAL RUNOFF (CFSM)	2.09		1.62		1.79		
ANNUAL RUNOFF (INCHES)	28.39		22.03		24.32		
10 PERCENT EXCEEDS	441		284		340		
50 PERCENT EXCEEDS	161		148		157		
90 PERCENT EXCEEDS	87		92		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. Elevation of gage is 825 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 1 - 5, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	42	53	50	81	93	139	71	44	53	114	87
2	30	42	51	50	76	208	123	67	42	49	103	118
3	30	42	50	54	73	183	114	71	42	47	99	102
4	30	42	56	112	70	129	107	88	42	46	121	86
5	30	75	130	82	73	111	101	72	77	50	102	78
6	30	58	78	69	70	99	113	66	130	55	88	81
7	31	47	63	65	66	94	100	64	81	49	82	76
8	30	44	57	100	64	90	92	64	141	47	78	70
9	29	44	54	77	67	87	89	62	76	46	74	68
10	29	43	56	67	71	117	88	60	76	50	70	66
11	28	42	55	64	207	95	94	59	70	52	67	64
12	30	42	51	249	230	87	88	58	62	50	65	62
13	30	41	51	142	144	84	139	56	57	50	66	61
14	30	42	57	101	113	83	114	55	53	51	68	60
15	31	46	74	84	98	80	115	69	52	48	190	59
16	31	44	63	74	89	77	244	67	52	49	320	58
17	34	44	56	88	83	74	140	56	56	49	2010	66
18	33	43	54	129	79	73	114	53	50	48	620	100
19	31	42	53	92	76	71	103	52	47	51	294	76
20	32	42	56	80	74	70	96	52	45	100	199	64
21	32	40	79	75	74	69	90	52	43	74	159	62
22	34	40	65	72	72	69	86	51	46	125	141	61
23	37	41	60	71	257	66	82	50	42	212	119	60
24	35	41	56	70	281	66	80	49	45	603	108	97
25	35	41	54	68	147	87	78	48	45	183	101	198
26	35	40	52	68	116	72	74	48	44	126	93	144
27	35	195	52	68	101	204	102	48	116	231	93	91
28	34	102	51	217	93	612	104	45	78	1920	87	76
29	34	67	56	139	---	575	79	46	98	398	79	70
30	72	57	52	103	---	253	74	45	62	193	75	65
31	53	---	50	89	---	171	---	44	---	135	75	---
TOTAL	1045	1571	1845	2869	3045	4249	3162	1788	1914	5240	5960	2426
MEAN	33.7	52.4	59.5	92.5	109	137	105	57.7	63.8	169	192	80.9
MAX	72	195	130	249	281	612	244	88	141	1920	2010	198
MIN	28	40	50	50	64	66	74	44	42	46	65	58
CFSM	.61	.95	1.07	1.67	1.96	2.47	1.90	1.04	1.15	3.05	3.47	1.46
IN.	.70	1.05	1.24	1.93	2.04	2.85	2.12	1.20	1.29	3.52	4.00	1.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994
MEAN	93.6	99.7	93.2	136	130	163
MAX	132	253	184	268	248	308
(WY)	1993	1993	1993	1993	1993	1993
MIN	33.7	52.4	59.5	65.2	61.1	104
(WY)	1994	1994	1994	1992	1989	1989

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1989 - 1994

ANNUAL TOTAL	44254	35114	110
ANNUAL MEAN	121	96.2	157
HIGHEST ANNUAL MEAN			84.0
LOWEST ANNUAL MEAN			2010
HIGHEST DAILY MEAN	998	Mar 24	2010
LOWEST DAILY MEAN	25	Sep 29	25
ANNUAL SEVEN-DAY MINIMUM	29	Sep 24	26
INSTANTANEOUS PEAK FLOW			3830
INSTANTANEOUS PEAK STAGE			10.57
ANNUAL RUNOFF (CFSM)	2.19		1.74
ANNUAL RUNOFF (INCHES)	29.72		23.58
10 PERCENT EXCEEDS	249		140
50 PERCENT EXCEEDS	70		69
90 PERCENT EXCEEDS	35		42

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

SANTEE 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 sea level.

REMARKS.--Records good except for estimated daily discharges, Oct. 1 - 4, 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 54 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	105	121	135	122	263	334	509	229	127	153	370	199
2	100	112	130	124	246	675	363	222	148	133	287	321
3	100	115	126	128	236	745	328	223	121	123	279	320
4	95	113	128	229	229	512	276	278	115	138	227	267
5	90	143	305	214	246	439	294	220	173	283	504	252
6	93	153	204	168	230	417	412	196	295	218	294	253
7	97	126	167	150	201	410	379	191	194	119	253	249
8	98	118	165	259	198	398	308	185	473	115	198	244
9	96	115	236	272	228	387	285	140	449	113	173	261
10	93	113	314	249	225	430	264	138	336	110	152	264
11	91	113	376	231	369	411	270	136	256	154	143	263
12	94	112	155	510	559	361	296	133	178	131	138	259
13	95	110	121	472	376	248	386	130	144	125	141	253
14	96	111	127	352	312	235	415	136	136	126	183	228
15	97	123	172	203	271	229	368	165	132	122	365	202
16	98	132	157	198	255	212	645	194	133	132	1000	206
17	103	121	141	235	243	160	526	156	126	121	6140	210
18	104	118	219	328	237	154	396	140	130	122	4810	254
19	101	116	229	279	236	154	346	134	123	143	1180	196
20	95	115	304	238	233	151	322	132	116	177	654	149
21	96	113	374	225	242	151	308	132	113	169	596	141
22	99	112	265	219	260	153	274	132	115	191	550	136
23	104	111	248	223	542	148	259	151	115	273	443	134
24	102	111	213	226	977	147	254	128	117	476	280	165
25	101	111	210	225	515	186	210	119	119	545	227	253
26	100	110	211	223	356	169	177	126	114	428	216	347
27	100	386	228	223	307	437	174	126	283	434	226	205
28	99	307	227	528	305	1530	248	122	215	3200	369	167
29	98	184	207	498	---	1480	260	121	386	1670	297	153
30	148	150	153	328	---	970	235	122	260	511	282	144
31	160	---	125	286	---	778	---	119	---	453	245	---
TOTAL	3148	4095	6372	8165	8897	13211	9787	4876	5742	11208	21222	6695
MEAN	102	136	206	263	318	426	326	157	191	362	685	223
MAX	160	386	376	528	977	1530	645	278	473	3200	6140	347
MIN	90	110	121	122	198	147	174	119	113	110	138	134
CFSM	.48	.64	.97	1.24	1.50	2.01	1.54	.74	.90	1.71	3.23	1.05
IN.	.55	.72	1.12	1.43	1.56	2.32	1.72	.86	1.01	1.97	3.72	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1994, BY WATER YEAR (WY)

	MEAN	285	271	343	405	442	490	450	346	290	253	263	227
MAX	1313	784	733	1203	940	1324	1249	816	647	486	846	763	
(WY)	1965	1993	1984	1937	1990	1952	1936	1959	1961	1945	1940	1975	
MIN	42.2	83.6	106	107	129	153	127	107	86.8	47.7	59.0	51.0	
(WY)	1955	1982	1956	1956	1986	1988	1986	1988	1988	1986	1988	1954	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1930 - 1994

ANNUAL TOTAL	145266	103418	
ANNUAL MEAN	398	283	
HIGHEST ANNUAL MEAN			339
LOWEST ANNUAL MEAN			535
HIGHEST DAILY MEAN	3570	Mar 24	13500
LOWEST DAILY MEAN	90	Oct 5	32
ANNUAL SEVEN-DAY MINIMUM	94	Oct 5	35
INSTANTANEOUS PEAK FLOW			***22800
INSTANTANEOUS PEAK STAGE			22.43
ANNUAL RUNOFF (CFSM)	1.88		1.60
ANNUAL RUNOFF (INCHES)	25.49		21.75
10 PERCENT EXCEEDS	851	438	572
50 PERCENT EXCEEDS	216	207	252
90 PERCENT EXCEEDS	106	112	117

* Also occurred on Oct. 7, 1954.

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

SANTEE RIVER BASIN

021556525 PACOLET RIVER BELOW LAKE BLALOCK NEAR COWPENS, SC

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

DRAINAGE AREA.--273 mi².

PERIOD OF RECORD.--November 1993 to September 1994.

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

REMARKS.--Records good except for estimated daily discharges, Nov. 1, 4 - 5, Dec. 23, Jan. 14, Aug. 17 - 18, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	133	198	175	374	400	593	264	143	238	413	291
2	---	133	185	172	350	823	416	252	155	192	328	367
3	---	133	178	181	335	1010	363	259	153	171	311	402
4	---	133	180	248	325	683	317	306	144	163	275	365
5	---	133	296	281	334	536	312	278	294	235	432	333
6	---	135	296	240	339	495	382	239	400	288	348	328
7	---	135	233	218	300	474	412	226	309	197	289	332
8	---	135	210	260	291	462	335	229	469	163	254	321
9	---	137	245	321	306	451	316	195	508	154	212	328
10	---	138	302	295	323	484	291	182	485	148	194	336
11	---	138	389	280	429	476	286	176	361	196	181	340
12	---	141	280	486	691	438	318	174	258	206	172	332
13	---	139	187	591	546	351	349	167	205	173	171	325
14	---	141	184	440	445	314	433	165	185	170	194	312
15	---	154	225	305	391	303	393	187	178	172	381	287
16	---	165	220	242	363	296	628	222	179	170	847	276
17	---	162	198	289	347	243	582	199	185	164	8190	281
18	---	156	222	371	338	233	440	175	174	160	6360	318
19	---	152	264	346	334	227	372	166	168	190	1730	302
20	---	152	306	297	331	222	346	160	157	211	807	247
21	---	146	421	280	336	225	326	161	152	213	681	227
22	---	144	336	268	350	229	307	161	147	206	632	219
23	---	144	300	267	528	221	282	161	145	311	547	214
24	---	144	270	271	1130	222	276	167	142	436	410	225
25	---	145	256	271	737	260	259	157	149	554	324	291
26	---	145	246	268	511	253	218	153	148	439	302	413
27	---	394	259	269	411	331	215	155	308	415	297	317
28	---	489	271	543	390	1580	250	147	330	2270	399	261
29	---	285	283	724	---	1970	277	144	453	2460	382	238
30	---	225	226	493	---	1150	271	144	358	661	358	223
31	---	---	187	410	---	890	---	144	---	473	347	---
TOTAL	---	5106	7853	10102	11885	16252	10565	5915	7442	12199	26768	9051
MEAN	---	170	253	326	424	524	352	191	248	394	863	302
MAX	---	489	421	724	1130	1970	628	306	508	2460	8190	413
MIN	---	133	178	172	291	221	215	144	142	148	171	214
CFSM	---	.62	.93	1.19	1.55	1.92	1.29	.70	.91	1.44	3.16	1.11
IN.	---	.70	1.07	1.38	1.62	2.21	1.44	.81	1.01	1.66	3.65	1.23

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

MEAN	---	170	253	326	424	524	352	191	248	394	863	302
MAX	---	170	253	326	424	524	352	191	248	394	863	302
(WY)	---	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	---	170	253	326	424	524	352	191	248	394	863	302
(WY)	---	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1994 WATER YEAR

INSTANTANEOUS PEAK FLOW Unknown Aug 17
INSTANTANEOUS PEAK STAGE 11.25 Aug 17

SANTEE RIVER BASIN

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'26'' (revised), long 82°04'03'' (revised), Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from Meadow Creek.

DRAINAGE AREA.--6.46 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 838 ft above sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	5.5	7.2	6.3	8.5	9.7	9.1	7.5	4.1	7.7	7.8	8.4
2	4.1	5.5	6.9	6.3	8.3	26	8.5	7.2	4.1	7.3	7.3	11
3	4.0	5.6	6.8	8.0	8.3	14	8.0	8.9	4.1	6.9	7.1	10
4	3.9	5.6	8.2	13	7.6	11	7.7	9.4	4.1	6.6	8.8	8.5
5	3.7	11	13	8.2	8.3	10	7.6	7.5	41	12	7.4	7.9
6	3.7	7.1	8.1	7.7	7.6	9.2	9.0	7.2	19	8.7	6.8	8.3
7	3.9	6.1	7.6	8.0	7.4	8.7	7.6	7.0	11	6.9	6.6	7.7
8	3.8	5.7	7.3	9.1	7.4	8.5	7.3	7.1	13	6.9	6.3	7.4
9	3.6	5.4	7.1	7.4	8.1	8.2	7.2	6.7	9.0	6.6	6.1	7.3
10	3.6	5.4	7.7	7.2	8.8	10	7.2	6.8	28	16	5.9	7.3
11	3.7	5.4	7.1	7.2	23	8.4	7.2	6.7	13	10	5.8	7.4
12	4.0	5.5	6.9	23	15	8.1	7.2	6.6	10	8.6	5.6	7.2
13	4.0	5.5	6.6	11	12	7.9	9.0	6.4	9.1	7.6	5.6	6.8
14	4.1	5.4	9.3	9.5	10	7.9	7.3	6.3	8.6	7.1	8.6	6.3
15	4.1	5.7	11	8.1	9.1	7.8	14	10	9.8	6.8	221	6.2
16	4.2	5.9	8.3	7.6	8.6	7.5	21	8.2	9.1	7.2	143	6.2
17	4.4	5.5	7.5	11	8.3	7.3	9.4	6.5	8.8	6.7	260	6.9
18	4.3	5.6	7.3	12	8.1	7.3	8.1	6.2	8.3	6.2	21	7.4
19	4.2	5.7	7.1	8.9	7.9	7.2	7.5	5.9	7.7	7.8	13	6.6
20	4.3	5.7	9.2	8.3	7.4	7.0	7.2	5.8	7.1	14	11	6.5
21	4.6	5.6	11	8.2	7.6	7.3	7.0	5.8	6.7	7.2	15	6.4
22	5.7	5.4	7.9	8.2	7.3	7.5	7.0	5.5	6.4	8.8	12	6.3
23	5.5	5.4	7.5	7.7	18	6.8	6.8	5.2	6.2	13	9.9	6.4
24	5.2	5.3	7.2	7.5	13	7.5	6.7	5.1	6.3	26	9.2	7.2
25	5.1	5.3	7.0	7.5	10	11	6.6	4.9	6.3	9.3	8.7	14
26	4.9	5.2	6.9	7.6	9.3	7.9	6.4	4.9	8.4	8.1	8.3	9.4
27	5.1	40	6.9	7.6	8.6	14	21	4.8	24	7.9	8.0	7.6
28	4.9	11	7.1	24	8.3	17	15	4.5	20	71	7.8	7.1
29	5.0	8.6	7.6	12	---	21	8.8	4.4	22	13	7.5	6.7
30	14	7.5	6.8	9.9	---	11	7.8	4.2	9.3	9.2	7.4	6.5
31	6.7	---	6.3	8.9	---	9.9	---	4.1	---	8.0	9.1	---
TOTAL	146.4	218.1	242.4	296.9	271.8	312.6	270.2	197.3	344.5	349.1	867.6	228.9
MEAN	4.72	7.27	7.82	9.58	9.71	10.1	9.01	6.36	11.5	11.3	28.0	7.63
MAX	14	40	13	24	23	26	21	10	41	71	260	14
MIN	3.6	5.2	6.3	6.3	7.3	6.8	6.4	4.1	4.1	6.2	5.6	6.2
CFSM	.73	1.13	1.21	1.48	1.50	1.56	1.39	.99	1.78	1.74	4.33	1.18
IN.	.84	1.26	1.40	1.71	1.57	1.80	1.56	1.14	1.98	2.01	5.00	1.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1994, BY WATER YEAR (WY)

	MEAN	8.30	9.19	9.95	11.6	12.4	14.3	10.5	9.79	7.98	6.56	7.50	5.36
MAX	20.5	19.3	18.2	28.3	23.8	33.7	17.0	20.3	14.2	12.3	28.0	9.13	
(WY)	1993	1993	1984	1993	1990	1993	1983	1984	1989	1984	1994	1980	
MIN	3.30	3.89	5.00	5.22	6.53	7.15	4.87	4.65	4.02	1.61	2.40	3.27	
(WY)	1988	1982	1989	1981	1988	1981	1986	1986	1986	1986	1988	1985	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1980 - 1994

ANNUAL TOTAL	4385.8	3745.8	
ANNUAL MEAN	12.0	10.3	9.45
HIGHEST ANNUAL MEAN			15.2
LOWEST ANNUAL MEAN			5.69
HIGHEST DAILY MEAN	213	Mar 4	260
LOWEST DAILY MEAN	3.1	Sep 14	3.6
ANNUAL SEVEN-DAY MINIMUM	3.3	Sep 10	3.7
INSTANTANEOUS PEAK FLOW			563
INSTANTANEOUS PEAK STAGE			7.33
INSTANTANEOUS LOW FLOW			3.2
ANNUAL RUNOFF (CFSM)	1.86	1.59	1.46
ANNUAL RUNOFF (INCHES)	25.26	21.57	19.87
10 PERCENT EXCEEDS	19	13	15
50 PERCENT EXCEEDS	7.5	7.5	7.0
90 PERCENT EXCEEDS	4.1	5.1	3.5

* Also occurred on Oct. 10.

SANTEE 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 sea level (from topographic map).

REMARKS.--Records good except for the period May 10 to July 26, and estimated daily discharges, Apr. 16 - 19, Aug. 27 to Sept. 7, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	55	71	64	99	116	129	76	48	88	81	124
2	41	49	67	67	93	499	115	72	47	75	76	141
3	40	48	64	84	86	318	107	80	47	68	76	105
4	40	47	70	143	84	176	103	120	47	64	91	95
5	39	145	216	106	93	138	99	86	893	101	81	90
6	38	79	96	89	89	120	116	77	346	126	72	100
7	39	56	78	87	82	111	105	73	162	75	67	90
8	40	52	72	114	85	105	93	82	135	68	65	84
9	39	50	68	84	88	101	90	71	105	67	63	80
10	38	50	75	76	102	154	90	69	492	137	61	77
11	38	49	72	74	224	106	90	67	223	480	59	74
12	39	48	63	268	242	96	93	66	135	224	58	72
13	39	48	62	165	154	92	130	63	110	103	109	69
14	39	48	112	118	123	92	107	62	96	98	158	67
15	39	58	150	99	108	90	169	77	90	82	850	66
16	40	50	101	88	100	87	260	80	108	79	1060	65
17	41	51	81	111	94	84	160	65	95	77	1750	68
18	42	50	74	161	90	84	120	60	91	159	874	75
19	41	48	72	113	88	83	100	58	80	102	298	71
20	40	48	90	93	87	81	95	57	73	101	212	64
21	48	47	145	87	94	82	90	58	69	87	242	62
22	62	46	90	84	91	93	86	57	66	97	190	61
23	50	47	84	83	229	80	83	56	63	203	140	60
24	45	47	76	82	250	83	81	55	63	212	123	147
25	44	46	70	83	149	209	80	53	74	110	113	263
26	44	46	67	82	121	105	78	52	71	90	106	146
27	43	459	65	82	105	110	92	54	255	91	150	91
28	43	201	69	310	99	485	159	51	242	197	115	79
29	42	99	95	181	---	460	95	49	330	137	100	74
30	197	80	72	129	---	214	81	50	118	91	90	70
31	82	---	66	110	---	154	---	50	---	81	100	---
TOTAL	1493	2247	2653	3517	3349	4808	3296	2046	4774	3770	7630	2730
MEAN	48.2	74.9	85.6	113	120	155	110	66.0	159	122	246	91.0
MAX	197	459	216	310	250	499	260	120	893	480	1750	263
MIN	38	46	62	64	82	80	78	49	47	64	58	60
CFSM	.64	.99	1.13	1.50	1.58	2.05	1.45	.87	2.10	1.61	3.26	1.20
IN.	.73	1.11	1.31	1.73	1.65	2.37	1.62	1.01	2.35	1.86	3.75	1.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	138	124	122	172	167	217	170	132	110	90.3	116	71.6
MAX	232	285	204	325	253	383	270	245	159	122	246	91.0
(WY)	1993	1993	1993	1993	1990	1993	1991	1991	1994	1994	1994	1994
MIN	48.2	67.1	83.6	93.5	108	139	110	66.0	62.0	68.2	53.3	52.6
(WY)	1994	1992	1992	1992	1991	1992	1994	1994	1990	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1989 - 1994

ANNUAL TOTAL	53425	42313	136
ANNUAL MEAN	146	116	189
HIGHEST ANNUAL MEAN			98.0
LOWEST ANNUAL MEAN			1800
HIGHEST DAILY MEAN	1310	Mar 24	1750
LOWEST DAILY MEAN	38	Oct 6	38
ANNUAL SEVEN-DAY MINIMUM	39	Oct 5	39
INSTANTANEOUS PEAK FLOW			1950
INSTANTANEOUS PEAK STAGE			11.46
ANNUAL RUNOFF (CFSM)	1.94		1.53
ANNUAL RUNOFF (INCHES)	26.29		20.82
10 PERCENT EXCEEDS	297		197
50 PERCENT EXCEEDS	85		84
90 PERCENT EXCEEDS	44		48
			55

* Also occurred on Oct. 10, 11, 1993.

SANTÉE RIVER BASIN

02156409 BROAD RIVER NEAR LOCKHART, SC

LOCATION.--Lat 34°43'56'', long 81°29'21'', Union County, Hydrologic Unit 03050106, on the right bank 10 ft upstream of the intake for the City of Union municipal supply, 0.9 mi upstream of Browns Creek, 4.0 mi southwest of Lockhart, 6.4 mi upstream of Neals Shoals Rowerplant, and at mile 239.2.

DRAINAGE AREA.--2,720 mi², approximately.

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

GAGE.--Data Collection Platform. Elevation of gage is 338 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Dec. 22, 23, 30, Jan. 1, Feb. 2, 5, 18, 21, May 31, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1620	1580	1930	2000	3860	3290	7290	3100	2310	4020	2330	2410
2	2110	1550	1930	1900	3200	9760	5460	2480	1810	2500	2250	3800
3	1910	1440	1400	2170	2800	14800	4790	2250	2010	2410	2380	3820
4	2120	1420	1670	2790	2640	9650	4150	2740	2010	2060	2060	3110
5	2790	1540	2150	3510	2500	6420	3830	3280	4460	1840	2340	2760
6	1630	1360	2970	2960	2820	5180	3890	3290	9560	2430	2300	2430
7	1050	1510	2980	2540	2540	4250	4280	2430	5460	2610	1880	2310
8	1290	1250	1870	2480	2260	3810	3790	2530	3420	1810	1890	2300
9	1560	1330	1760	2680	2760	3620	3490	2360	4150	2110	1890	2200
10	1420	972	1850	2560	2520	3790	3210	2510	3870	1680	1810	2250
11	1330	1320	1900	2250	3080	4230	3290	2110	5110	1910	1940	2050
12	1290	1440	2180	3280	5930	3770	3790	2210	3260	2940	1580	2030
13	1430	1260	1810	6730	6560	3230	3930	1990	2370	2670	1460	2320
14	1470	1130	1760	5440	5110	3050	4110	2230	2430	1910	2120	2160
15	1580	1470	1980	3900	3740	2760	4090	2270	1920	2280	2610	2260
16	1590	1260	2260	2890	3430	2660	5120	2360	2240	2680	5840	1780
17	1580	1390	2270	2480	3020	2990	6250	2450	2420	2520	21200	2130
18	1520	1440	1740	3180	3060	2630	5190	1900	3100	2080	37600	1980
19	1560	1360	2140	4080	2780	2530	4200	2290	2350	2440	33000	2460
20	1180	1620	1560	4090	2490	2530	3520	2190	2130	2440	17000	2190
21	1440	1720	2280	4060	2460	2440	3680	2040	1960	2190	8160	2550
22	1410	1700	2600	3210	2860	2340	3420	2190	1910	3200	7000	2240
23	1300	1360	2240	2690	3200	2580	2950	2100	1860	2200	5300	2160
24	1430	1540	2240	2340	9770	2540	2640	1940	1810	3890	4090	2020
25	1590	1520	2130	2190	10400	2940	2660	1830	1780	4370	3420	2150
26	1600	1610	1910	2570	6420	4210	2730	2340	1750	3130	3090	2920
27	1580	1830	1830	2600	5020	2950	2420	2190	2500	1970	2860	2960
28	1620	6150	1790	3400	4200	8660	2810	1980	4230	2550	2940	1670
29	1640	4730	1980	8570	---	23800	3180	1820	7430	6800	2730	2520
30	1600	2460	2030	6900	---	17400	3290	1900	7330	5150	2710	2000
31	1710	---	2000	4850	---	9360	---	1790	---	2920	2530	---
TOTAL	48950	52262	63140	107290	111430	174170	117450	71090	98950	85710	190310	71940
MEAN	1579	1742	2037	3461	3980	5618	3915	2293	3298	2765	6139	2398
MAX	2790	6150	2980	8570	10400	23800	7290	3290	9560	6800	37600	3820
MIN	1050	972	1400	1900	2260	2340	2420	1790	1750	1680	1460	1670
CFSM	.58	.64	.75	1.27	1.46	2.07	1.44	.84	1.21	1.02	2.26	.88
IN.	.67	.71	.86	1.47	1.52	2.38	1.61	.97	1.35	1.17	2.60	.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	3459	4880	3884	6499	4852	8799	5697	3596	3009	2330	3997	1991
MAX	5338	8018	5731	9537	5725	11980	7479	4899	3298	2765	6139	2398
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1994	1994	1994	1994
MIN	1579	1742	2037	3461	3980	5618	3915	2293	2720	1895	1855	1583
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1993 - 1994

ANNUAL TOTAL	1613215	1192692	4418
ANNUAL MEAN	4420	3268	5569
HIGHEST ANNUAL MEAN			3268
LOWEST ANNUAL MEAN			3268
HIGHEST DAILY MEAN	40500	Mar 25	40500
LOWEST DAILY MEAN	913	Sep 1	913
ANNUAL SEVEN-DAY MINIMUM	1240	Sep 11	1240
INSTANTANEOUS PEAK FLOW			42100
INSTANTANEOUS PEAK STAGE			21.04
INSTANTANEOUS LOW FLOW			555
ANNUAL RUNOFF (CFSM)	1.62	1.20	1.62
ANNUAL RUNOFF (INCHES)	22.06	16.31	22.07
10 PERCENT EXCEEDS	9020	5160	8650
50 PERCENT EXCEEDS	2500	2430	2820
90 PERCENT EXCEEDS	1440	1560	1590

* Also occurred on Aug. 19.

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.--Data collection platform. Elevation of gage is 320 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Aug. 18 - 19, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.74	2.3	2.7	3.9	6.7	9.2	12	3.7	2.5	2.6	2.2	2.9
2	.76	2.1	2.5	3.5	6.3	210	10	3.3	2.5	2.2	1.4	3.1
3	.70	2.0	2.5	4.0	6.2	68	9.2	4.5	2.4	1.9	1.3	3.0
4	.62	2.2	2.6	21	5.7	33	8.7	5.9	2.7	1.9	1.6	2.6
5	.64	5.9	5.9	7.6	6.8	21	7.7	4.6	9.0	6.0	1.3	2.3
6	.66	3.2	3.4	5.2	6.6	16	8.5	4.0	9.5	5.3	1.3	2.5
7	.74	2.3	2.9	4.3	5.9	14	7.3	3.7	4.6	2.5	1.2	2.4
8	.74	2.1	2.7	4.1	7.0	13	6.7	3.9	3.5	2.2	1.1	2.2
9	.72	2.0	2.6	3.4	7.1	12	6.4	3.3	3.4	2.0	1.0	2.1
10	.65	2.0	2.8	3.6	8.7	18	6.4	3.3	3.1	1.9	.96	2.1
11	.59	2.0	2.8	3.1	41	13	6.2	3.3	2.8	2.0	.92	2.0
12	.99	2.1	2.6	29	46	11	6.3	3.2	2.6	2.2	.93	1.9
13	1.0	2.0	2.5	16	25	11	6.3	3.0	2.4	1.9	.97	1.9
14	.97	2.0	2.8	9.5	14	11	5.5	3.1	2.3	1.8	1.1	1.8
15	1.0	2.1	3.8	7.0	11	9.9	5.7	3.3	2.3	1.6	1.1	1.8
16	.98	2.1	3.3	7.2	8.5	9.0	12	3.1	2.5	1.6	43	1.9
17	1.1	2.2	2.9	7.6	7.3	8.4	6.3	3.2	2.6	1.5	86	2.0
18	1.1	2.2	2.9	8.8	6.6	8.1	5.3	3.2	3.5	1.5	14	3.2
19	1.1	2.3	2.9	9.2	6.1	7.7	5.0	3.1	2.6	2.0	6.0	2.4
20	1.1	2.3	3.2	9.2	5.8	7.1	4.7	2.9	2.4	1.9	4.8	2.1
21	1.1	2.3	6.8	7.0	5.6	7.1	4.1	2.9	2.3	2.1	5.5	1.9
22	1.4	2.5	4.5	4.7	5.5	6.6	4.0	2.9	2.1	4.0	5.1	1.9
23	2.3	2.5	4.9	4.6	26	6.2	3.9	2.8	2.0	9.5	3.9	1.8
24	1.6	2.6	5.5	5.5	59	7.2	3.9	2.8	2.0	23	3.6	1.9
25	1.7	2.6	4.5	5.3	24	14	3.9	2.7	2.3	2.9	3.3	1.8
26	1.7	2.5	4.0	5.2	14	8.8	3.8	3.0	2.6	1.7	3.0	1.8
27	1.8	15	3.7	5.1	9.8	9.2	4.3	3.1	17	1.5	2.8	1.6
28	1.8	6.1	3.4	18	8.5	11	4.7	2.7	4.8	2.4	2.8	1.5
29	1.9	3.5	4.0	14	---	45	3.7	2.6	15	1.5	2.5	1.5
30	9.9	2.9	3.6	9.2	---	22	3.6	2.5	3.4	1.2	2.4	1.4
31	3.1	---	3.7	7.5	---	15	---	2.4	---	1.6	2.7	---
TOTAL	45.20	89.9	108.9	253.3	390.7	662.5	186.1	102.0	122.7	97.9	209.78	63.3
MEAN	1.46	3.00	3.51	8.17	14.0	21.4	6.20	3.29	4.09	3.16	6.77	2.11
MAX	9.9	15	6.8	29	59	210	12	5.9	17	23	86	3.2
MIN	.59	2.0	2.5	3.1	5.5	6.2	3.6	2.4	2.0	1.2	.92	1.4
CFSM	.12	.24	.29	.66	1.13	1.74	.50	.27	.33	.26	.55	.17
IN.	.14	.27	.33	.77	1.18	2.00	.56	.31	.37	.30	.63	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	MEAN	8.17	9.65	12.7	20.8	23.8	24.9	13.4	8.86	4.73	3.15	4.51	2.65
MAX	27.3	33.8	31.4	37.8	47.6	48.5	24.6	29.8	11.0	5.88	12.8	7.41	
(WY)	1990	1986	1990	1993	1990	1983	1991	1984	1982	1989	1991	1987	
MIN	1.46	2.69	3.44	4.63	7.06	7.31	4.69	2.86	2.08	1.26	.87	.82	
(WY)	1994	1992	1989	1989	1986	1985	1985	1985	1990	1988	1987	1993	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	4599.06	2332.28	11.4
ANNUAL MEAN	12.6	6.39	17.7
HIGHEST ANNUAL MEAN			5.66
LOWEST ANNUAL MEAN			345
HIGHEST DAILY MEAN	225	Mar 13	210
LOWEST DAILY MEAN	.58	Sep 11	.59
ANNUAL SEVEN-DAY MINIMUM	.62	Sep 10	.68
INSTANTANEOUS PEAK FLOW			442
INSTANTANEOUS PEAK STAGE			5.09
INSTANTANEOUS LOW FLOW			.49
ANNUAL RUNOFF (CFSM)	1.02		.52
ANNUAL RUNOFF (INCHES)	13.91		7.05
10 PERCENT EXCEEDS	30		11
50 PERCENT EXCEEDS	3.8		3.1
90 PERCENT EXCEEDS	.98		1.4

* Caused by backwater from the Broad River.

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

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC

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

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

WATER-DISCHARGE RECORDS

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

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

GAGE.--Data collection platform. Datum of gage is 290.79 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1320	2160	2220	2280	4310	3480	7360	2950	1840	4700	2330	2460
2	1450	1330	2490	1630	3260	9940	5440	2740	1810	2790	2190	3720
3	1220	1550	2000	2250	3250	16200	4770	2380	1820	2420	2430	4040
4	902	1520	1970	2700	2670	10800	4060	2810	1410	2340	2170	3360
5	1050	1760	2290	3910	2830	6870	3700	3050	3830	2430	2100	2930
6	1660	2090	3410	3620	3000	5490	3740	3120	10000	2010	2640	2610
7	1390	1880	3900	3010	2840	4510	4030	2760	6710	2870	2140	2500
8	1190	1690	2320	2940	2450	4070	3780	2700	3310	1860	1730	2490
9	1150	1660	2010	2890	2750	3870	3490	2420	3740	1960	1900	2350
10	1370	1290	2070	3230	2870	3890	3310	2580	3620	1580	1680	2410
11	1030	1650	2290	2490	3330	4330	3250	2280	4830	1860	2010	2200
12	1070	1500	2620	3630	5610	4020	3630	2110	3740	2460	1420	1850
13	1030	1560	2150	6590	7020	3480	3800	2290	2570	3060	1450	2210
14	1010	1750	1890	6200	5610	3410	3980	2220	2400	2120	1590	1880
15	1170	1270	2270	4610	4320	3000	3970	2140	2060	2010	2550	2120
16	1290	1930	2620	3490	3670	2770	4660	2340	2130	2210	5230	1900
17	1290	1590	2780	2670	3220	3100	6110	2610	2280	2260	20400	1990
18	1270	1640	1940	3310	3350	2870	5180	2030	2910	2140	34600	1960
19	1280	1560	2690	4050	3140	2590	4160	1960	2740	2390	37900	2030
20	1350	1770	1710	4030	2900	2830	3500	2230	1750	2690	19600	2370
21	1140	1340	2630	3090	2730	2590	3720	1880	2100	2100	8800	1890
22	1460	1730	3160	2870	2940	2660	3560	2240	1690	2970	7230	1850
23	1210	1420	2880	2810	3450	2520	3300	1950	1840	2360	5540	1990
24	1240	1350	2540	2730	9470	3020	2860	1920	1530	3290	4250	1950
25	1260	1590	2290	2100	11500	2830	2850	1600	1800	4260	3530	1920
26	1260	1730	2180	2900	7040	3860	2840	2000	1710	3470	2930	2690
27	1280	1900	2150	2750	5310	3570	2640	2010	2190	2490	2880	3170
28	1280	6400	2020	3450	4480	6560	2950	1740	3570	2560	3030	2290
29	1260	6020	2110	8210	---	22800	2980	1410	7090	6260	2820	1850
30	1880	3260	2300	7710	---	19900	2990	1790	8370	5640	2720	2110
31	2020	---	2280	5450	---	9840	---	1290	---	3430	2640	---
TOTAL	39782	59890	74180	113600	119320	181670	116610	69550	97390	86990	194430	71090
MEAN	1283	1996	2393	3665	4261	5860	3887	2244	3246	2806	6272	2370
MAX	2020	6400	3900	8210	11500	22800	7360	3120	10000	6260	37900	4040
MIN	902	1270	1710	1630	2450	2520	2640	1290	1410	1580	1420	1850
CFSM	.46	.72	.86	1.31	1.53	2.10	1.39	.80	1.16	1.01	2.25	.85
IN.	.53	.80	.99	1.51	1.59	2.42	1.55	.93	1.30	1.16	2.59	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1994, BY WATER YEAR (WY)

	MEAN	3192	3114	3847	4842	5732	6325	5259	3940	3250	2858	3012	2527
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 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1939 - 1994
ANNUAL TOTAL	1686922	1224502	
ANNUAL MEAN	4622	3355	3983
HIGHEST ANNUAL MEAN			5977
LOWEST ANNUAL MEAN			1980
HIGHEST DAILY MEAN	42100	Mar 25	37900
LOWEST DAILY MEAN	902	Oct 4	902
ANNUAL SEVEN-DAY MINIMUM	1120	Oct 9	1120
INSTANTANEOUS PEAK FLOW			43700
INSTANTANEOUS PEAK STAGE			18.94
INSTANTANEOUS LOW FLOW			229
ANNUAL RUNOFF (CFSM)	1.66	1.20	31.51
ANNUAL RUNOFF (INCHES)	22.49	16.33	1.43
10 PERCENT EXCEEDS	9690	5470	6820
50 PERCENT EXCEEDS	2570	2580	2910
90 PERCENT EXCEEDS	1330	1440	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, Jan. 20, 1994.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980, Jan. 11, 1993; minimum, 3.0 mg/L, July 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 179 microsiemens, Oct. 12; minimum, 37 microsiemens, Mar. 30.

pH: Maximum, 8.5 units, June 27; minimum, 5.7 units, Aug. 14.

WATER TEMPERATURE: Maximum, 31.0°C, June 22, 23; minimum, <0.5°C, Jan. 20.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 21, 22; minimum, 3.0 mg/L, July 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	152	140	146	151	143	147	85	76	80	106	104	105
2	148	136	141	160	151	156	99	84	91	110	104	108
3	149	136	142	154	133	142	105	99	102	111	103	105
4	159	147	152	141	134	137	111	105	109	106	97	102
5	161	149	155	147	137	141	124	111	119	110	100	106
6	151	142	148	144	135	139	130	120	125	111	108	109
7	143	140	142	150	138	141	120	105	115	111	107	108
8	142	135	138	161	150	156	105	92	98	113	109	111
9	146	137	141	161	151	156	100	90	94	115	110	113
10	150	144	147	158	135	144	117	100	108	123	115	119
11	160	148	156	138	129	132	123	117	121	118	114	117
12	179	158	167	146	133	141	127	123	126	119	104	115
13	178	156	166	150	141	146	128	122	124	118	89	107
14	164	156	159	147	142	146	127	112	118	98	80	88
15	169	161	165	155	147	151	132	113	125	81	76	79
16	166	158	162	155	146	150	131	116	124	85	79	82
17	174	163	170	151	145	148	125	115	120	92	84	88
18	174	170	171	145	139	140	129	122	126	92	90	91
19	171	162	167	143	136	139	129	116	121	93	89	90
20	168	160	163	146	136	141	133	123	129	91	87	89
21	170	158	165	150	138	143	128	112	118	91	89	90
22	166	158	162	157	150	154	119	112	115	99	90	95
23	165	157	161	156	142	152	124	119	121	100	96	98
24	157	144	151	152	141	146	119	111	114	108	100	104
25	162	144	152	145	136	139	115	114	114	111	105	109
26	170	160	164	153	140	145	114	106	110	115	105	108
27	170	161	165	153	137	148	107	100	103	119	111	115
28	164	160	161	---	---	---	101	96	99	111	106	109
29	164	154	159	---	---	---	100	95	98	110	82	99
30	162	152	156	---	---	---	105	93	98	82	58	67
31	160	147	150	---	---	---	104	102	102	66	59	63
MONTH	179	135	156	161	129	145	133	76	112	123	58	100

SANTÉE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.2	7.1	7.2	7.1	7.2	7.1	7.1	7.0	7.1	7.0	7.1	7.0
2	7.1	7.1	7.1	7.1	7.2	7.1	7.4	7.0	7.1	7.0	7.1	6.8
3	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.0	7.2	7.1	7.2	7.0
4	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	7.2	7.1	7.3	7.1
5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.2	7.3	7.2
6	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	7.3	7.2	7.3	7.2
7	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.0	7.3	7.2	7.3	7.2
8	7.1	7.1	7.1	7.0	7.1	7.0	7.1	7.0	7.3	7.2	7.2	7.1
9	7.2	7.1	7.0	7.0	7.1	7.0	7.1	7.0	7.3	7.2	7.2	7.0
10	7.2	7.1	7.0	7.0	7.2	7.1	7.1	7.0	7.2	7.2	7.2	7.0
11	7.2	7.1	7.0	7.0	7.1	7.1	7.2	7.0	7.2	7.1	7.2	7.0
12	7.1	7.1	7.0	7.0	7.1	7.1	7.1	7.0	7.3	7.1	7.0	6.8
13	7.1	7.1	7.0	7.0	7.1	7.1	7.0	6.8	7.3	7.3	7.0	6.8
14	7.1	7.1	7.0	7.0	7.1	7.1	6.8	6.7	7.3	7.2	7.1	6.9
15	7.1	7.1	7.0	7.0	7.1	7.1	6.9	6.8	7.3	7.2	7.1	7.0
16	7.1	7.1	7.1	7.0	7.1	7.1	7.0	6.9	7.3	7.2	7.2	7.0
17	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	7.3	7.2	7.2	7.1
18	7.2	7.1	7.1	7.1	7.1	7.0	7.2	7.0	7.3	7.1	7.2	7.1
19	7.2	7.1	7.1	7.1	7.1	7.0	7.2	7.1	7.3	7.2	7.2	7.1
20	7.2	7.1	7.2	7.1	7.0	7.0	7.1	7.0	7.3	7.2	7.1	7.0
21	7.2	7.2	7.2	7.1	7.0	7.0	7.1	7.0	7.2	7.1	---	---
22	7.2	7.2	7.1	7.1	7.1	7.0	7.2	7.0	7.2	7.0	---	---
23	7.2	7.2	7.1	7.1	7.1	7.0	7.2	7.0	7.1	6.9	---	---
24	7.2	7.1	7.1	7.0	7.0	7.0	7.2	7.1	7.1	6.8	---	---
25	7.2	7.1	7.1	7.0	7.0	7.0	7.2	7.1	7.1	6.9	---	---
26	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.0	7.1	7.0	---	---
27	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.1	7.1	7.1	---	---
28	7.2	7.1	7.1	6.9	7.3	6.9	7.1	7.0	7.1	7.0	---	---
29	7.2	7.1	7.1	7.1	7.2	7.0	7.1	6.9	---	---	---	---
30	7.2	7.2	7.2	7.1	7.2	7.0	6.9	6.8	---	---	7.2	7.1
31	7.2	7.1	---	---	7.2	7.0	7.0	6.9	---	---	7.3	7.1
MONTH	7.2	7.1	7.2	6.9	7.3	6.9	7.4	6.7	7.3	6.8	7.3	6.8
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.4	7.3	6.9	6.5	7.1	6.7	6.8	6.7	7.1	6.5	7.0	6.8
2	7.4	7.2	7.0	6.5	7.1	6.5	6.9	6.7	---	---	7.0	6.8
3	7.3	7.2	7.2	6.4	7.2	7.0	7.1	6.7	---	---	7.1	6.9
4	7.3	7.2	7.4	7.0	7.2	6.9	7.3	6.8	6.8	6.7	7.3	7.0
5	7.4	7.3	7.4	7.3	---	---	7.7	7.3	6.9	6.5	7.2	6.7
6	7.4	7.3	7.5	7.3	---	---	7.6	6.6	7.1	6.8	6.9	6.6
7	7.4	7.3	7.5	6.7	---	---	7.0	6.6	6.9	6.8	6.8	6.6
8	7.3	7.2	7.6	6.5	7.1	7.0	7.1	6.6	6.9	6.6	6.9	6.6
9	7.2	7.0	7.5	6.7	7.3	7.1	7.0	6.5	7.0	6.6	6.9	6.6
10	7.3	7.1	7.6	6.9	7.2	7.1	6.9	6.8	7.0	6.5	6.8	6.6
11	7.3	7.1	7.5	6.9	7.1	7.0	7.5	6.5	6.9	6.5	6.7	6.5
12	7.1	7.0	7.4	6.9	7.1	6.9	7.6	7.3	7.0	6.6	6.8	6.6
13	7.2	7.0	7.3	6.4	7.0	6.9	7.4	7.2	6.8	6.3	6.8	6.6
14	7.1	7.0	7.7	6.3	7.0	6.9	7.7	7.2	6.4	5.7	6.8	6.6
15	7.2	7.0	7.6	6.6	7.2	6.9	7.3	7.1	7.0	6.2	6.8	6.6
16	7.2	7.1	---	---	7.9	6.9	7.4	7.2	7.2	6.6	6.8	6.7
17	7.1	6.9	---	---	7.8	7.2	7.3	7.1	6.8	6.5	6.9	6.8
18	7.0	6.9	---	---	7.5	7.3	---	---	6.9	6.4	7.0	6.9
19	7.1	6.9	---	---	7.3	7.0	---	---	6.6	6.5	7.0	6.8
20	7.1	6.9	7.8	6.9	7.3	7.1	---	---	6.7	6.6	7.0	6.7
21	7.3	7.1	7.8	7.6	7.3	7.1	7.3	6.7	6.7	6.5	6.9	6.7
22	7.2	7.0	7.6	7.4	7.3	6.7	7.6	6.8	6.9	6.7	7.0	6.8
23	7.2	7.0	7.6	7.2	7.4	7.0	7.4	7.0	7.0	6.8	7.1	6.9
24	7.1	6.8	7.4	6.6	7.2	7.1	7.4	7.1	7.1	6.8	7.2	6.9
25	7.2	6.6	7.2	6.8	7.3	7.0	7.4	7.2	6.9	6.4	7.2	7.2
26	6.9	6.6	7.3	7.0	8.2	7.0	7.3	7.2	6.6	6.4	7.3	7.0
27	7.3	6.7	7.2	6.9	8.5	7.3	7.2	6.9	6.7	6.3	7.2	7.0
28	7.4	7.1	7.1	6.7	7.9	7.5	7.3	6.7	6.9	6.2	7.2	7.0
29	7.2	7.0	7.0	6.7	7.8	7.1	7.3	6.8	6.4	6.2	7.1	6.5
30	7.1	6.9	7.0	6.7	7.1	6.7	7.0	7.0	6.6	6.2	6.8	6.4
31	---	---	7.1	6.7	---	---	7.1	7.0	6.9	6.1	---	---
MONTH	7.4	6.6	7.8	6.3	8.5	6.5	7.7	6.5	7.2	5.7	7.3	6.4
YEAR	8.5	5.7										

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.0	17.5	19.0	12.5	11.0	12.0	---	---	---	4.0	3.5	3.5
2	19.0	16.5	18.0	12.0	9.0	11.0	---	---	---	5.0	3.5	4.0
3	19.5	16.5	18.5	11.0	8.5	10.0	8.0	7.0	7.5	5.5	4.0	4.5
4	19.5	17.0	18.5	11.0	9.5	10.5	9.5	7.5	8.5	6.5	5.5	6.0
5	20.0	17.5	19.0	11.5	10.5	11.0	10.5	9.5	10.0	6.0	5.0	5.5
6	19.5	18.5	19.0	13.0	11.5	12.0	10.5	10.0	10.0	5.5	5.0	5.5
7	19.0	18.0	18.5	13.0	10.5	12.0	10.0	9.0	9.5	7.0	5.5	6.0
8	20.0	18.0	19.0	12.5	10.5	11.5	9.5	8.5	9.0	7.5	7.0	7.5
9	20.5	18.5	19.5	11.0	9.5	10.5	9.0	7.5	8.5	7.0	6.0	6.5
10	21.0	19.0	20.0	11.5	9.5	10.5	9.0	7.5	8.0	6.0	4.5	5.0
11	20.0	17.5	18.0	11.0	9.0	10.0	8.0	7.0	7.5	5.0	4.5	5.0
12	18.0	16.5	17.5	11.0	8.5	10.0	7.0	6.0	6.5	5.5	5.0	5.0
13	18.0	16.0	17.0	11.5	9.0	10.5	6.0	3.5	5.5	6.5	5.5	6.0
14	17.5	16.5	17.0	12.0	10.0	11.0	5.5	3.5	5.0	7.5	6.5	7.0
15	17.5	16.0	17.0	14.5	11.5	13.0	6.0	5.0	5.5	7.0	5.5	6.0
16	17.5	16.5	17.0	16.5	13.5	14.5	6.0	5.5	6.0	5.5	3.5	4.0
17	18.0	17.0	17.5	18.0	15.0	16.5	6.5	6.0	6.5	3.5	2.0	2.5
18	19.0	17.0	18.0	17.0	14.5	15.5	7.5	5.0	6.5	2.0	1.5	2.0
19	20.0	17.5	19.0	16.0	14.0	15.0	7.0	5.0	6.5	2.0	1.0	1.0
20	21.0	18.0	20.0	15.5	12.5	14.5	7.0	6.0	6.0	1.5	<0.5	1.0
21	21.0	19.5	20.5	13.5	11.5	12.5	7.0	6.0	6.5	2.0	1.0	1.5
22	21.0	18.5	19.0	13.0	10.5	11.5	6.5	4.5	5.5	2.5	1.0	2.0
23	19.0	15.5	17.5	12.0	10.0	11.0	5.0	4.5	5.0	2.5	1.5	2.0
24	18.0	15.5	17.0	11.0	9.0	10.0	5.0	4.5	5.0	3.5	2.5	3.0
25	17.0	14.5	16.0	10.5	9.0	10.0	5.5	4.5	5.0	4.5	3.5	4.0
26	16.5	16.0	16.5	10.5	9.0	9.5	5.0	4.0	4.5	6.0	4.5	5.5
27	17.5	15.5	16.5	10.5	9.5	10.0	5.0	4.0	4.5	6.0	6.0	6.0
28	17.0	15.5	16.5	---	---	---	6.0	4.5	5.0	7.0	6.0	6.5
29	15.5	14.5	15.0	---	---	---	6.0	5.5	5.5	7.0	6.5	6.5
30	15.0	12.5	14.0	---	---	---	5.5	4.5	5.0	7.0	6.5	6.5
31	13.0	10.0	12.0	---	---	---	4.5	4.0	4.5	7.0	6.5	6.5
MONTH	21.0	10.0	17.7	18.0	8.5	11.7	10.5	3.5	6.5	7.5	.0	4.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.5	6.0	6.0	8.0	7.5	8.0	13.5	12.0	13.0	22.5	21.5	22.0
2	6.0	5.0	5.5	8.0	6.5	7.0	14.0	12.5	13.5	21.5	20.0	21.0
3	5.5	4.0	5.0	7.0	6.0	6.5	14.5	13.0	13.5	20.0	18.0	19.0
4	5.5	4.0	5.0	7.5	6.5	7.0	15.0	13.5	14.5	18.0	16.5	17.0
5	6.0	5.0	5.5	10.0	7.5	8.5	15.5	14.0	15.0	16.5	15.5	16.0
6	7.0	6.0	6.5	10.0	8.0	9.0	16.0	15.0	15.5	17.0	15.5	16.5
7	8.0	6.5	7.5	11.5	8.5	10.0	16.0	15.0	16.0	18.5	16.5	17.5
8	8.5	8.0	8.0	12.5	10.0	11.0	16.0	14.5	15.5	20.0	18.5	19.5
9	11.5	8.5	10.0	12.5	10.5	11.5	16.0	14.5	15.0	21.5	19.5	20.5
10	11.5	10.0	11.0	12.5	10.0	11.5	16.5	15.0	15.5	20.5	20.0	20.5
11	10.0	7.5	8.5	12.0	10.0	11.0	18.0	15.5	16.5	22.0	20.5	21.0
12	7.5	6.5	7.0	10.5	8.0	9.5	18.0	17.0	17.5	22.5	20.5	21.5
13	6.5	6.0	6.0	10.5	7.5	9.0	18.5	17.0	18.0	22.0	21.0	21.5
14	6.5	5.5	6.0	11.5	9.5	10.5	18.5	17.0	18.0	22.0	21.0	21.5
15	7.0	6.0	6.5	12.0	10.0	11.0	18.5	17.0	18.0	22.5	21.0	22.0
16	7.5	6.0	7.0	12.5	11.0	12.0	18.5	17.5	18.0	24.0	22.0	23.0
17	7.5	6.0	7.0	12.0	10.5	11.5	18.0	16.5	17.5	23.0	22.5	23.0
18	9.0	7.0	8.0	11.5	10.5	11.0	17.5	16.0	17.0	23.0	22.0	22.5
19	9.5	7.5	8.5	12.5	11.0	12.0	18.5	15.5	17.5	22.5	21.0	22.0
20	10.0	8.5	9.5	13.5	12.0	13.0	20.0	17.5	18.5	21.0	19.5	20.5
21	10.5	9.5	10.0	14.5	13.5	14.0	20.0	18.0	19.0	20.0	18.5	19.0
22	11.0	10.0	10.5	15.5	14.5	15.0	19.5	18.0	18.5	20.0	18.5	19.5
23	11.5	11.0	11.0	15.5	14.5	15.0	18.5	17.0	18.0	21.5	20.0	20.5
24	11.5	9.5	11.0	16.5	15.5	16.0	18.5	16.5	18.0	23.5	20.0	21.5
25	10.0	9.0	9.5	17.0	16.0	16.5	19.0	17.0	18.0	24.5	21.0	23.0
26	9.5	8.0	9.0	16.0	14.5	15.0	20.5	18.5	19.5	24.5	22.5	23.5
27	9.0	8.5	8.5	16.0	13.5	14.5	21.5	19.5	20.5	24.5	23.0	23.5
28	8.5	7.0	8.0	17.0	14.5	16.0	22.5	20.0	21.5	24.5	22.5	23.5
29	---	---	---	14.5	12.5	13.5	22.5	21.0	22.0	25.0	22.0	23.5
30	---	---	---	13.5	12.5	13.5	22.5	21.5	22.0	24.5	22.0	23.5
31	---	---	---	13.5	12.5	13.0	---	---	---	25.0	22.5	24.0
MONTH	11.5	4.0	7.9	17.0	6.0	11.7	22.5	12.0	17.3	25.0	15.5	21.1

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.1	7.7	8.4	9.0	8.4	8.6	10.1	9.7	9.9	12.6	12.1	12.4
2	9.2	8.0	8.4	9.7	8.6	9.1	10.6	10.1	10.3	13.2	12.2	12.6
3	9.3	8.0	8.6	9.5	9.0	9.2	10.8	10.3	10.6	12.9	11.6	12.4
4	9.6	8.0	8.7	9.8	9.2	9.4	10.5	10.0	10.3	12.3	11.5	11.8
5	9.0	7.8	8.5	9.4	9.0	9.2	10.2	9.6	9.9	11.6	11.5	11.5
6	8.9	8.0	8.3	9.1	8.5	8.9	9.6	9.3	9.5	11.9	11.5	11.7
7	9.0	7.8	8.3	8.9	8.4	8.6	9.7	9.4	9.5	11.9	11.5	11.7
8	9.0	7.8	8.3	9.2	8.4	8.8	10.2	9.6	10.0	11.7	11.3	11.5
9	9.0	7.7	8.2	9.5	8.7	9.0	10.5	10.0	10.2	11.7	11.2	11.4
10	8.3	7.5	7.9	9.8	9.0	9.3	10.5	10.2	10.3	12.1	11.5	11.8
11	8.1	7.4	7.8	10.0	9.2	9.5	10.8	10.3	10.5	12.5	11.9	12.2
12	8.8	7.7	8.2	10.1	9.4	9.6	10.9	10.4	10.6	12.3	11.9	12.1
13	9.0	7.7	8.3	9.9	9.3	9.6	11.3	10.7	11.0	12.0	11.8	11.9
14	9.1	7.8	8.4	9.6	8.9	9.3	11.2	10.9	11.0	11.8	11.2	11.5
15	9.3	8.2	8.7	9.5	8.5	8.9	11.4	10.9	11.1	11.5	11.2	11.3
16	8.9	8.2	8.5	8.8	8.0	8.4	11.4	10.9	11.1	12.4	11.5	12.0
17	9.0	8.0	8.4	8.3	7.6	7.9	11.2	10.8	10.9	12.9	12.4	12.7
18	8.9	7.8	8.3	8.3	7.5	7.8	10.9	10.6	10.7	13.1	12.9	13.0
19	8.8	7.5	8.1	8.2	7.4	7.6	11.0	10.6	10.8	13.4	13.0	13.2
20	8.8	7.4	8.0	8.4	7.3	7.8	11.0	10.5	10.8	13.5	13.2	13.4
21	8.3	7.0	7.6	9.2	7.9	8.5	11.3	10.8	11.0	13.6	13.3	13.4
22	7.5	7.0	7.2	9.4	8.3	8.7	11.1	10.8	11.0	13.6	13.2	13.3
23	8.4	7.1	7.7	9.9	8.6	9.3	11.5	11.1	11.3	13.5	13.1	13.3
24	8.6	7.4	8.0	10.4	9.1	9.7	11.7	11.4	11.5	13.2	12.7	13.0
25	8.9	7.6	8.2	10.2	9.2	9.6	11.9	11.4	11.6	12.8	12.3	12.6
26	8.7	7.7	8.2	10.0	9.2	9.5	12.2	11.5	11.8	12.3	11.9	12.1
27	9.0	8.0	8.4	9.6	9.2	9.4	12.3	11.6	11.9	11.9	11.5	11.6
28	9.0	7.8	8.3	10.2	9.3	9.7	12.7	11.7	12.1	11.5	11.4	11.5
29	8.7	7.9	8.3	10.2	9.5	9.9	12.2	11.6	11.9	12.3	11.4	11.8
30	8.5	8.2	8.3	9.9	9.5	9.7	12.5	11.7	12.0	12.2	11.6	11.9
31	8.6	8.3	8.4	---	---	---	12.6	11.8	12.2	11.6	11.4	11.5
MONTH	9.6	7.0	8.2	10.4	7.3	9.0	12.7	9.3	10.9	13.6	11.2	12.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	11.5	11.5	11.1	11.0	11.1	10.2	9.9	10.0	---	---	---
2	12.0	11.5	11.8	12.4	10.8	11.5	10.0	9.6	9.8	---	---	---
3	12.1	11.7	11.9	12.7	12.3	12.5	10.0	9.4	9.7	---	---	---
4	12.3	11.9	12.0	12.3	11.3	11.7	9.8	9.2	9.4	---	---	---
5	12.1	11.7	11.9	11.3	10.8	11.1	9.6	8.8	9.3	---	---	---
6	11.7	11.3	11.6	10.8	10.4	10.6	9.3	8.9	9.1	---	---	---
7	11.5	11.1	11.3	10.4	10.0	10.2	9.1	8.8	9.0	---	---	---
8	11.1	10.8	11.0	10.1	9.7	10.0	9.2	8.8	9.0	---	---	---
9	10.8	10.2	10.6	9.8	9.5	9.7	9.3	8.9	9.1	---	---	---
10	10.2	10.1	10.1	9.7	9.5	9.6	9.4	8.7	9.0	---	---	---
11	10.7	10.1	10.4	10.2	9.7	10.0	8.9	8.4	8.8	---	---	---
12	11.6	10.6	11.0	10.4	10.1	10.3	8.7	8.3	8.5	---	---	---
13	12.0	11.6	11.9	10.4	10.0	10.3	8.4	8.0	8.2	---	---	---
14	11.9	11.5	11.7	10.3	9.8	10.0	8.3	8.0	8.1	---	---	---
15	11.5	11.3	11.4	10.0	9.6	9.8	8.2	7.9	8.0	---	---	---
16	11.6	11.2	11.4	9.7	9.3	9.5	8.3	8.0	8.2	---	---	---
17	11.7	11.2	11.4	9.4	9.2	9.3	8.5	8.3	8.4	7.8	7.0	7.3
18	11.4	10.9	11.2	9.7	9.3	9.5	8.6	8.3	8.4	8.0	7.0	7.4
19	11.3	10.7	11.0	9.6	9.2	9.4	8.4	8.0	8.3	8.5	7.0	7.6
20	11.0	10.5	10.7	9.6	9.0	9.3	8.3	7.6	8.0	8.1	7.4	7.7
21	10.5	10.3	10.4	9.2	8.7	8.9	7.8	7.5	7.7	8.7	7.7	8.1
22	10.4	10.1	10.3	9.1	8.6	8.9	7.9	7.5	7.6	8.9	7.8	8.2
23	10.2	10.0	10.1	9.2	8.6	8.9	7.9	7.5	7.6	8.9	7.6	8.2
24	11.5	9.9	10.5	9.2	8.7	9.0	7.9	7.4	7.6	8.8	7.3	8.0
25	11.7	11.1	11.4	9.1	8.6	8.8	7.9	7.3	7.6	8.3	7.1	7.6
26	11.1	10.9	11.0	8.9	8.5	8.7	7.9	7.3	7.5	7.5	6.8	7.2
27	11.0	10.9	10.9	9.0	8.5	8.8	7.6	7.0	7.3	7.4	6.7	7.1
28	11.2	11.0	11.1	10.5	8.5	9.0	7.2	6.8	7.0	7.8	6.7	7.2
29	---	---	---	11.1	10.5	10.8	7.3	6.6	6.9	8.0	6.9	7.4
30	---	---	---	11.3	10.6	10.9	---	---	---	8.0	6.9	7.4
31	---	---	---	10.6	9.9	10.3	---	---	---	7.8	6.7	7.2
MONTH	12.3	9.9	11.1	12.7	8.5	9.9	10.2	6.6	8.4	8.9	6.7	7.6

SANTEE RIVER BASIN

021584051 MAPLE CREEK NEAR DUNCAN, SC

LOCATION.--Lat 34°55'55'', long 82°10'00'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of bridge on Highway 644, 1.0 mi above confluence with South Tyger River, and about 2.0 mi west of Duncan.

DRAINAGE AREA.--10.2 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 870 ft above sea level (from topographic map).

REMARKS.--WATER YEAR 1993: No estimated daily discharges. Records good.

WATER YEAR 1994: Records good except for estimated daily discharges, Nov. 27, Jan. 12, 28, Feb. 11, 23, Mar. 27, Apr. 15, 16, June 5, 10, 26 - 28, July 5, 22, 28, Aug. 16, 17, Sept. 7, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	10	6.6	6.1
2	---	---	---	---	---	---	---	---	---	10	6.9	8.6
3	---	---	---	---	---	---	---	---	---	9.5	7.7	7.0
4	---	---	---	---	---	---	---	---	---	9.0	7.9	9.4
5	---	---	---	---	---	---	---	---	---	9.1	7.5	6.8
6	---	---	---	---	---	---	---	---	---	9.0	7.6	6.4
7	---	---	---	---	---	---	---	---	---	9.2	8.5	6.7
8	---	---	---	---	---	---	---	---	---	9.4	7.5	6.7
9	---	---	---	---	---	---	---	---	---	9.3	7.5	6.5
10	---	---	---	---	---	---	---	---	---	9.2	7.1	6.2
11	---	---	---	---	---	---	---	---	---	8.6	7.0	5.8
12	---	---	---	---	---	---	---	---	---	8.7	7.1	5.7
13	---	---	---	---	---	---	---	---	---	8.5	7.5	5.9
14	---	---	---	---	---	---	---	---	---	8.3	7.7	5.8
15	---	---	---	---	---	---	---	---	---	8.3	6.8	5.9
16	---	---	---	---	---	---	---	---	---	8.8	6.6	6.0
17	---	---	---	---	---	---	---	---	---	8.5	6.4	9.3
18	---	---	---	---	---	---	---	---	---	8.1	6.2	6.9
19	---	---	---	---	---	---	---	---	---	18	6.2	5.9
20	---	---	---	---	---	---	---	---	---	9.5	6.2	6.4
21	---	---	---	---	---	---	---	---	---	8.3	7.1	7.0
22	---	---	---	---	---	---	---	---	---	8.1	6.5	6.2
23	---	---	---	---	---	---	---	---	---	8.2	7.1	6.1
24	---	---	---	---	---	---	---	---	---	8.5	6.5	6.0
25	---	---	---	---	---	---	---	---	---	8.0	6.2	6.0
26	---	---	---	---	---	---	---	---	---	8.2	6.1	5.9
27	---	---	---	---	---	---	---	---	---	10	6.2	7.4
28	---	---	---	---	---	---	---	---	---	7.6	6.2	6.0
29	---	---	---	---	---	---	---	---	---	7.4	5.8	5.7
30	---	---	---	---	---	---	---	---	---	7.1	6.5	5.6
31	---	---	---	---	---	---	---	---	---	6.9	7.1	---
TOTAL	---	---	---	---	---	---	---	---	---	277.3	213.8	195.9
MEAN	---	---	---	---	---	---	---	---	---	8.95	6.90	6.53
MAX	---	---	---	---	---	---	---	---	---	18	8.5	9.4
MIN	---	---	---	---	---	---	---	---	---	6.9	5.8	5.6
CFSM	---	---	---	---	---	---	---	---	---	.88	.68	.64
IN.	---	---	---	---	---	---	---	---	---	1.01	.78	.71

SANTEE RIVER BASIN
021584051 MAPLE CREEK NEAR DUNCAN, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	6.6	7.7	7.9	11	15	15	10	8.1	12	12	10
2	5.7	6.5	7.5	8.0	11	41	14	10	8.0	10	10	12
3	5.6	6.5	7.5	11	11	22	13	14	8.2	9.4	13	15
4	5.6	6.7	11	25	10	16	13	14	8.3	14	16	11
5	5.6	24	23	11	12	14	13	11	45	27	11	10
6	5.8	8.2	9.6	10	11	13	16	11	36	17	10	15
7	6.0	6.8	8.6	10	10	13	13	10	13	12	9.7	16
8	5.8	6.8	8.2	13	11	12	12	12	11	12	9.6	20
9	5.7	6.8	8.0	9.5	11	12	12	10	11	10	9.2	12
10	5.5	6.9	9.1	9.2	13	16	12	10	89	13	9.1	11
11	5.6	6.7	8.1	9.3	34	12	12	9.8	22	11	9.1	11
12	6.0	7.0	7.5	32	23	12	12	9.6	14	12	9.2	11
13	5.8	6.6	7.7	15	17	11	21	9.5	13	10	10	11
14	5.9	6.6	14	12	15	12	12	9.5	11	10	18	10
15	6.0	8.5	14	11	13	12	30	14	12	9.5	15	9.4
16	6.0	7.1	10	9.7	12	11	42	10	14	9.7	65	9.4
17	6.0	7.1	9.1	17	12	11	19	9.3	15	9.2	235	12
18	5.9	7.1	8.9	18	11	11	16	9.4	12	8.7	30	11
19	6.1	7.2	8.3	13	11	11	15	9.1	9.7	9.4	20	9.6
20	6.0	7.0	12	11	11	11	14	9.3	9.7	10	16	9.3
21	6.1	6.8	14	11	13	11	13	9.2	9.5	8.7	22	9.1
22	7.7	7.1	9.8	10	11	12	13	8.9	9.4	57	15	9.0
23	6.8	7.3	9.2	10	31	11	12	8.9	9.4	29	13	9.2
24	6.2	7.2	8.6	10	24	13	12	8.9	13	23	13	15
25	6.3	6.9	8.2	10	16	29	12	8.6	12	16	12	16
26	6.3	6.8	7.9	9.8	14	14	12	8.6	16	12	12	10
27	6.3	43	8.1	9.9	12	20	15	8.5	41	12	11	9.3
28	6.0	11	8.6	32	12	34	13	8.0	21	25	11	8.9
29	6.1	8.8	11	16	---	41	11	8.2	22	13	11	8.6
30	26	8.1	8.5	13	---	20	11	8.1	13	11	11	8.5
31	7.6	---	8.2	12	---	17	---	8.1	---	11	10	---
TOTAL	207.7	269.7	301.9	406.3	403	510	450	305.5	536.3	453.6	677.9	339.3
MEAN	6.70	8.99	9.74	13.1	14.4	16.5	15.0	9.85	17.9	14.6	21.9	11.3
MAX	26	43	23	32	34	41	42	14	89	57	235	20
MIN	5.5	6.5	7.5	7.9	10	11	11	8.0	8.0	8.7	9.1	8.5
CFSM	.66	.88	.95	1.28	1.41	1.61	1.47	.97	1.75	1.43	2.14	1.11
IN.	.76	.98	1.10	1.48	1.47	1.86	1.64	1.11	1.96	1.65	2.47	1.24

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

MEAN	6.70	8.99	9.74	13.1	14.4	16.5	15.0	9.85	17.9	14.6	21.9	11.3
MAX	6.70	8.99	9.74	13.1	14.4	16.5	15.0	9.85	17.9	14.6	21.9	11.3
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	6.70	8.99	9.74	13.1	14.4	16.5	15.0	9.85	17.9	14.6	21.9	11.3
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1994 WATER YEAR

ANNUAL TOTAL	4861.2
ANNUAL MEAN	13.3
HIGHEST DAILY MEAN	235
LOWEST DAILY MEAN	5.5
ANNUAL SEVEN-DAY MINIMUM	5.7
INSTANTANEOUS PEAK FLOW	Unknown
INSTANTANEOUS PEAK STAGE	5.83
ANNUAL RUNOFF (CFSM)	1.31
ANNUAL RUNOFF (INCHES)	17.73
10 PERCENT EXCEEDS	20
50 PERCENT EXCEEDS	11
90 PERCENT EXCEEDS	6.8

SANTEE RIVER BASIN

02158410 SOUTH TYGER RIVER BELOW LYMAN, SC

LOCATION.--Lat 34°54'13'', long 82°07'06'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of bridge on State Road 63, 2.8 mi south of Lyman, 2000 ft downstream from bridge on Interstate Highway 85, and at mile 21.3.

DRAINAGE AREA.--96.3 mi².

PERIOD OF RECORD.--July 1993 to September 1994.

GAGE.--Water-stage recorder. Elevation of gage is 700 ft above sea level (from topographic map).

REMARKS.--WATER YEAR 1993: No estimated daily discharges. Records fair.

WATER YEAR 1994: No estimated daily discharges. Records fair. Some days may be affected by backwater from Berrys Pond.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	53	44
2	---	---	---	---	---	---	---	---	---	---	39	61
3	---	---	---	---	---	---	---	---	---	---	53	77
4	---	---	---	---	---	---	---	---	---	---	57	90
5	---	---	---	---	---	---	---	---	---	---	61	96
6	---	---	---	---	---	---	---	---	---	---	63	95
7	---	---	---	---	---	---	---	---	---	---	69	85
8	---	---	---	---	---	---	---	---	---	---	68	86
9	---	---	---	---	---	---	---	---	---	---	74	94
10	---	---	---	---	---	---	---	---	---	---	69	92
11	---	---	---	---	---	---	---	---	---	---	62	73
12	---	---	---	---	---	---	---	---	---	---	57	72
13	---	---	---	---	---	---	---	---	---	---	67	73
14	---	---	---	---	---	---	---	---	---	17	63	59
15	---	---	---	---	---	---	---	---	---	30	73	46
16	---	---	---	---	---	---	---	---	---	49	74	54
17	---	---	---	---	---	---	---	---	---	42	67	76
18	---	---	---	---	---	---	---	---	---	48	59	95
19	---	---	---	---	---	---	---	---	---	82	52	77
20	---	---	---	---	---	---	---	---	---	123	48	70
21	---	---	---	---	---	---	---	---	---	92	54	74
22	---	---	---	---	---	---	---	---	---	78	56	81
23	---	---	---	---	---	---	---	---	---	70	57	76
24	---	---	---	---	---	---	---	---	---	61	58	74
25	---	---	---	---	---	---	---	---	---	73	58	68
26	---	---	---	---	---	---	---	---	---	81	58	67
27	---	---	---	---	---	---	---	---	---	83	57	74
28	---	---	---	---	---	---	---	---	---	87	51	72
29	---	---	---	---	---	---	---	---	---	92	55	74
30	---	---	---	---	---	---	---	---	---	80	59	62
31	---	---	---	---	---	---	---	---	---	54	54	---
TOTAL	---	---	---	---	---	---	---	---	---	1242	1845	2237
MEAN	---	---	---	---	---	---	---	---	---	69.0	59.5	74.6
MAX	---	---	---	---	---	---	---	---	---	123	74	96
MIN	---	---	---	---	---	---	---	---	---	17	39	44
CFSM	---	---	---	---	---	---	---	---	---	.72	.62	.77
IN.	---	---	---	---	---	---	---	---	---	.48	.71	.86

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

MEAN	---	---	---	---	---	---	---	---	---	---	59.5	74.6
MAX	---	---	---	---	---	---	---	---	---	---	59.5	74.6
(WY)	---	---	---	---	---	---	---	---	---	---	1993	1993
MIN	---	---	---	---	---	---	---	---	---	---	59.5	74.6
(WY)	---	---	---	---	---	---	---	---	---	---	1993	1993

SUMMARY STATISTICS

FOR 1993 WATER YEAR

HIGHEST DAILY MEAN	123	Jul 20
LOWEST DAILY MEAN	17	Jul 14
ANNUAL SEVEN-DAY MINIMUM	54	Aug 26
INSTANTANEOUS PEAK FLOW	174	Jul 20
INSTANTANEOUS PEAK STAGE	4.10	Jul 20
10 PERCENT EXCEEDS	92	
50 PERCENT EXCEEDS	68	
90 PERCENT EXCEEDS	48	

SANTEE RIVER BASIN

02158410 SOUTH TYGER RIVER BELOW LYMAN, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	109	110	66	161	161	270	120	100	152	336	140
2	52	94	91	67	137	265	223	104	95	135	299	171
3	44	73	82	72	123	271	191	76	101	124	275	240
4	41	70	82	165	112	251	169	128	100	117	292	243
5	47	153	177	132	121	205	159	131	342	164	276	216
6	44	140	164	117	118	179	178	119	371	277	268	214
7	44	118	136	104	111	163	179	112	246	245	234	186
8	48	96	109	130	112	153	206	121	185	192	202	207
9	46	82	99	128	126	141	147	114	172	170	184	156
10	43	79	95	112	122	166	134	105	332	161	170	137
11	41	67	96	102	219	167	139	103	274	166	162	127
12	44	66	93	254	296	150	129	103	189	178	154	117
13	41	54	73	276	288	143	169	98	143	178	158	108
14	40	66	88	240	246	128	173	98	115	186	201	100
15	39	68	133	197	204	116	223	135	96	178	260	97
16	40	70	126	169	178	155	281	135	104	171	518	93
17	48	71	106	160	158	79	276	128	122	170	1020	101
18	86	76	96	220	143	127	235	120	124	185	857	117
19	201	73	90	194	128	114	217	106	105	204	550	124
20	184	74	90	171	115	102	209	101	91	171	431	119
21	86	64	137	150	120	106	182	101	82	145	388	110
22	34	51	117	139	127	112	145	101	77	284	346	102
23	37	60	107	132	202	107	134	99	67	350	301	95
24	99	52	95	126	308	105	127	99	68	435	263	128
25	42	52	88	120	303	198	123	98	87	466	237	159
26	20	60	84	118	239	152	115	90	79	373	210	258
27	18	238	75	117	213	158	125	105	252	314	183	247
28	17	221	71	230	179	316	155	100	208	492	177	200
29	15	169	85	231	---	455	147	96	243	680	168	171
30	99	127	82	206	---	414	133	97	179	483	148	132
31	45	---	75	179	---	332	---	96	---	380	141	---
TOTAL	1745	2793	3152	4824	4909	5691	5293	3339	4749	7926	9409	4615
MEAN	56.3	93.1	102	156	175	184	176	108	158	256	304	154
MAX	201	238	177	276	308	455	281	135	371	680	1020	258
MIN	15	51	71	66	111	79	115	76	67	117	141	93
CFSM	.58	.97	1.06	1.62	1.82	1.91	1.83	1.12	1.64	2.66	3.15	1.60
IN.	.67	1.08	1.22	1.86	1.90	2.20	2.04	1.29	1.83	3.06	3.63	1.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

MEAN	56.3	93.1	102	156	175	184	176	108	158	256	182	114
MAX	56.3	93.1	102	156	175	184	176	108	158	256	304	154
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	56.3	93.1	102	156	175	184	176	108	158	256	59.5	74.6
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993

SUMMARY STATISTICS

FOR 1994 WATER YEAR

WATER YEARS 1993 -- 1994

ANNUAL TOTAL	58445		
ANNUAL MEAN	160		160
HIGHEST ANNUAL MEAN			160
LOWEST ANNUAL MEAN			160
HIGHEST DAILY MEAN	1020	Aug 17	1020
LOWEST DAILY MEAN	15	Oct 29	15
ANNUAL SEVEN-DAY MINIMUM	35	Oct 23	35
INSTANTANEOUS PEAK FLOW	1120	Aug 17	1120
INSTANTANEOUS PEAK STAGE	10.08	Aug 17	10.08
ANNUAL RUNOFF (CFSM)	1.66		1.66
ANNUAL RUNOFF (INCHES)	22.58		22.59
10 PERCENT EXCEEDS	276		261
50 PERCENT EXCEEDS	132		117
90 PERCENT EXCEEDS	67		54

SANTEE RIVER BASIN

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC

LOCATION.--Lat 34°54'19'', long 81°54'54'', Spartanburg County, Hydrologic Unit 03050107, on left bank at Spartanburg Sewage Treatment Plant, 0.5 mi downstream of State Highway 285, 0.7 mi south of Spartanburg, and 2.2 mi upstream of Beaverdam Creek.

DRAINAGE AREA.--23.6 mi².

PERIOD OF RECORD.--May 1988 to current year.

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

REMARKS.--Records good except for estimated daily discharges, April 14 - 20, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	11	15	16	22	48	35	21	13	24	21	26
2	7.1	9.8	14	16	21	285	32	20	13	21	16	38
3	6.9	9.8	14	30	21	73	30	35	13	19	41	36
4	6.8	9.9	28	69	20	40	28	46	15	19	45	22
5	6.8	108	114	22	32	33	28	23	642	40	22	20
6	6.4	18	22	19	22	29	44	20	136	29	17	25
7	6.8	12	17	22	20	27	28	20	54	18	16	21
8	6.8	11	16	44	24	27	25	37	31	18	15	20
9	6.8	11	16	20	22	26	25	20	25	18	15	19
10	6.4	10	25	18	35	75	25	19	166	109	14	19
11	6.3	10	19	18	135	29	24	19	44	340	14	18
12	7.2	10	15	132	59	26	30	18	29	103	13	17
13	7.3	9.9	14	31	35	25	61	17	25	35	115	17
14	7.5	10	72	24	28	25	25	17	23	47	36	17
15	7.3	17	72	21	25	24	40	27	23	28	208	16
16	7.3	11	26	23	24	23	130	18	34	33	292	16
17	7.6	13	20	51	23	23	30	17	36	24	857	20
18	7.3	12	18	61	22	23	25	17	34	41	76	23
19	7.2	11	17	34	21	21	25	16	20	23	44	17
20	7.1	10	46	41	21	21	25	16	19	19	35	16
21	12	11	61	21	30	21	24	16	18	18	86	16
22	17	10	22	20	24	27	23	16	17	79	41	16
23	10	10	23	20	137	22	22	15	16	45	28	15
24	8.0	10	19	19	71	27	22	15	17	29	26	78
25	8.0	10	17	19	34	163	21	15	28	20	24	84
26	7.9	10	16	19	27	35	21	15	30	20	23	22
27	7.8	267	16	19	25	41	65	15	177	25	51	18
28	7.7	34	19	156	24	246	48	14	208	30	27	17
29	7.6	19	40	37	---	194	24	14	172	18	22	16
30	131	16	18	28	---	55	22	14	33	17	21	15
31	17	---	16	24	---	41	---	13	---	16	31	---
TOTAL	373.9	721.4	867	1094	1004	1775	1007	605	2111	1325	2292	720
MEAN	12.1	24.0	28.0	35.3	35.9	57.3	33.6	19.5	70.4	42.7	73.9	24.0
MAX	131	267	114	156	137	285	130	46	642	340	857	84
MIN	6.3	9.8	14	16	20	21	21	13	13	16	13	15
CFSM	.51	1.02	1.19	1.50	1.52	2.43	1.42	.83	2.98	1.81	3.13	1.02
IN.	.59	1.14	1.37	1.72	1.58	2.80	1.59	.95	3.33	2.09	3.61	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1994, BY WATER YEAR (WY)

	1988	1989	1990	1991	1992	1993	1994
MEAN	38.0	34.4	32.8	46.7	50.0	67.2	49.5
MAX	102	85.2	60.1	102	86.5	129	90.1
(WY)	1991	1993	1993	1993	1990	1993	1991
MIN	10.9	15.9	15.1	17.0	30.4	44.1	30.3
(WY)	1992	1992	1989	1989	1991	1992	1989

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1988 - 1994

ANNUAL TOTAL	16755.6	13895.3	39.1
ANNUAL MEAN	45.9	38.1	57.6
HIGHEST ANNUAL MEAN			27.0
LOWEST ANNUAL MEAN			1993
HIGHEST DAILY MEAN	543	857	1630
LOWEST DAILY MEAN	6.3	6.3	6.0
ANNUAL SEVEN-DAY MINIMUM	6.6	6.6	6.6
INSTANTANEOUS PEAK FLOW		2210	2670
INSTANTANEOUS PEAK STAGE		11.30	12.13
INSTANTANEOUS LOW FLOW		6.3	5.8
ANNUAL RUNOFF (CFSM)	1.95	1.61	1.66
ANNUAL RUNOFF (INCHES)	26.41	21.90	22.53
10 PERCENT EXCEEDS	86	70	71
50 PERCENT EXCEEDS	22	22	20
90 PERCENT EXCEEDS	7.9	10	10

* Also occurred on Oct. 6, 10, 11.

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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Nov. 25, 27, 28, Dec. 1, 2, 28, 29, May 14 - 16, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	220	539	643	524	973	990	1690	592	287	1180	1220	659
2	212	386	545	512	858	2950	1340	539	279	735	982	851
3	213	344	506	510	784	4460	1160	517	275	580	807	1050
4	210	343	476	833	725	3160	1030	571	320	497	754	884
5	199	390	572	1100	707	1870	939	609	1070	456	857	830
6	194	615	784	920	728	1380	896	579	4150	579	774	754
7	191	633	708	773	723	1150	904	536	2840	658	651	736
8	196	481	597	724	693	1050	869	514	1390	686	555	712
9	196	417	541	753	696	974	823	545	948	541	501	659
10	194	385	516	718	719	1030	794	513	751	467	466	599
11	188	363	528	667	1070	1120	736	474	826	420	440	541
12	185	352	515	976	1800	1030	717	452	1160	589	415	506
13	192	342	485	1520	1840	919	722	433	817	773	400	476
14	198	340	477	1400	1530	870	780	414	635	642	416	449
15	201	334	643	1110	1240	824	815	426	578	520	574	433
16	202	345	884	906	1070	775	959	443	562	473	1110	415
17	207	366	802	794	947	734	1390	453	520	490	3170	404
18	210	381	661	885	864	711	1140	427	624	481	5510	460
19	212	370	591	1010	803	664	975	402	943	556	8740	503
20	216	362	559	996	758	660	858	380	595	512	6490	477
21	287	356	776	874	724	637	786	366	460	457	2500	452
22	305	354	983	772	730	623	735	357	404	738	1790	447
23	282	346	813	724	868	620	657	353	359	975	1590	434
24	265	344	761	699	2290	621	606	345	327	1580	1250	413
25	242	338	696	679	2450	829	574	333	319	1420	1060	400
26	255	332	615	659	1850	1250	554	324	338	1490	932	478
27	253	519	565	644	1330	1140	535	333	725	1160	853	571
28	231	1300	540	816	1060	982	619	312	1010	937	779	675
29	223	1270	534	1560	---	2170	806	299	1500	1090	740	569
30	327	850	579	1450	---	3030	659	293	1600	1780	657	498
31	507	---	563	1140	---	2530	---	286	---	2160	614	---
TOTAL	7213	14097	19458	27648	30830	41753	26068	13420	26612	25622	47597	17335
MEAN	233	470	628	892	1101	1347	869	433	887	827	1535	578
MAX	507	1300	983	1560	2450	4460	1690	609	4150	2160	8740	1050
MIN	185	332	476	510	693	620	535	286	275	420	400	400
CFSM	.31	.62	.83	1.18	1.45	1.77	1.14	.57	1.17	1.09	2.02	.76
IN.	.35	.69	.95	1.36	1.51	2.05	1.28	.66	1.30	1.26	2.33	.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

	MEAN	856	858	1033	1530	1484	1850	1290	1025	734	605	600	508
MAX	3011	2519	2354	3020	2683	3545	2379	2363	1517	1507	1535	1342	
(WY)	1991	1986	1984	1978	1979	1993	1979	1984	1975	1984	1994	1975	
MIN	233	328	358	539	603	742	515	386	232	186	136	246	
(WY)	1994	1982	1989	1989	1986	1985	1986	1988	1988	1986	1988	1981	

SUMMARY STATISTICS

	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1974 - 1994
ANNUAL TOTAL	413897	297653	
ANNUAL MEAN	1134	815	1030
HIGHEST ANNUAL MEAN			1449
LOWEST ANNUAL MEAN			538
HIGHEST DAILY MEAN	8340	Mar 28	26000
LOWEST DAILY MEAN	185	Oct 12	98
ANNUAL SEVEN-DAY MINIMUM	192	Oct 7	112
INSTANTANEOUS PEAK FLOW			30300
INSTANTANEOUS PEAK STAGE			26.31
INSTANTANEOUS LOW FLOW			96
ANNUAL RUNOFF (CFSM)	1.49	1.07	1.36
ANNUAL RUNOFF (INCHES)	20.29	14.59	18.43
10 PERCENT EXCEEDS	2430	1380	1850
50 PERCENT EXCEEDS	579	643	727
90 PERCENT EXCEEDS	247	316	299

* Also occurred on Oct. 12.

Santee River Basin
02160105 TYGER RIVER NEAR DELTA, SC--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 291 microsiemens, Aug. 31, 1988; minimum, 13 microsiemens, Oct. 9, 10, 1976.

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

WATER TEMPERATURE: Maximum, 32.0°C, July 21, 1981, Aug. 23, 1983; minimum, less than 0.5°C several days, several years.

DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Dec. 2, 1979, Jan. 2, 1984; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 165 microsiemens, Oct. 19; minimum, 43 microsiemens, Aug. 19, 20.

pH: Maximum 7.9 units, May 22; minimum, 6.2 units, Aug. 18 - 20.

WATER TEMPERATURE: Maximum, 29.5°C, June 22; minimum, 0.5°C, Jan. 19 - 22.

DISSOLVED OXYGEN: Maximum, 13.8 mg/L, Jan. 20; minimum 5.7 mg/L, July 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	136	131	133	131	114	122	---	---	---	99	96	97
2	139	136	138	122	114	119	---	---	---	101	97	99
3	147	139	144	124	122	123	105	99	103	103	97	101
4	147	144	145	128	123	125	113	104	110	100	89	95
5	146	141	144	129	123	125	112	108	110	90	85	87
6	142	139	140	129	118	124	114	102	110	91	89	90
7	145	142	144	127	111	118	102	96	98	95	91	94
8	154	144	149	118	111	115	103	97	100	100	95	98
9	154	152	153	117	114	116	107	99	103	101	98	99
10	156	153	155	122	117	120	116	107	112	99	94	96
11	161	154	158	124	119	122	115	108	112	95	93	94
12	159	155	158	126	121	123	114	108	111	94	83	89
13	155	148	150	131	126	129	125	109	117	92	82	87
14	149	142	145	137	129	133	113	107	110	89	83	86
15	159	143	151	138	130	133	110	102	106	84	82	83
16	158	154	156	139	132	137	106	99	102	83	81	82
17	159	155	158	134	128	131	102	99	100	87	83	84
18	158	156	157	130	126	127	102	100	101	91	85	88
19	165	156	161	131	127	129	106	102	104	93	86	88
20	163	153	157	133	129	131	107	105	106	95	88	91
21	153	140	144	133	129	131	105	94	102	97	91	93
22	142	131	137	130	127	128	94	91	93	98	93	95
23	142	131	135	128	124	126	98	93	95	97	94	95
24	150	142	146	124	123	124	100	97	98	102	96	98
25	153	150	152	126	123	124	99	97	98	102	98	99
26	151	147	150	132	125	129	98	95	96	102	99	100
27	147	137	140	131	109	119	98	95	97	104	100	102
28	141	137	138	109	88	97	98	95	97	103	95	100
29	143	139	141	90	87	88	97	93	95	95	82	87
30	140	122	128	90	88	89	99	95	98	85	80	83
31	131	124	127	---	---	---	99	95	97	87	82	84
MONTH	165	122	146	139	87	122	125	91	103	104	80	92

SANTÉE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	90	86	88	91	88	89	71	67	69	101	96	99
2	93	88	90	88	57	65	75	71	74	103	100	102
3	94	91	92	62	57	59	76	74	75	104	97	101
4	94	92	93	68	61	65	79	75	76	103	98	100
5	96	92	95	74	68	72	79	78	78	114	100	106
6	95	91	93	75	73	74	82	78	80	110	102	104
7	95	92	94	82	75	78	85	82	83	107	101	104
8	94	91	93	85	79	83	87	85	86	109	104	106
9	91	88	90	84	81	83	87	84	86	110	104	105
10	90	87	88	86	82	85	90	85	88	108	101	105
11	89	70	84	87	81	86	91	88	89	108	102	104
12	80	69	75	88	85	86	93	88	91	113	108	111
13	71	65	68	88	86	87	99	93	94	122	110	116
14	68	64	66	90	86	88	101	96	99	---	---	---
15	69	65	67	89	86	88	100	93	96	---	---	---
16	71	67	69	91	89	90	98	92	94	---	---	---
17	74	71	72	95	91	94	97	84	90	113	107	111
18	79	74	76	97	94	95	85	81	83	107	104	105
19	83	79	82	99	97	97	85	79	83	115	105	110
20	85	81	83	98	97	97	86	80	83	119	115	118
21	83	80	81	98	96	97	88	84	86	122	117	120
22	84	80	82	98	95	97	92	88	89	125	119	123
23	84	69	80	96	94	95	98	92	95	127	124	126
24	73	67	70	99	94	97	102	98	100	128	124	126
25	74	69	72	94	88	92	104	100	102	124	118	123
26	78	72	75	95	83	91	104	98	101	122	117	120
27	86	74	79	90	82	86	101	98	99	124	116	121
28	89	86	87	91	90	90	107	98	102	126	121	123
29	---	---	---	90	64	75	109	95	102	134	126	130
30	---	---	---	64	62	62	99	95	98	143	134	141
31	---	---	---	67	62	65	---	---	---	142	123	132
MONTH	96	64	82	99	57	84	109	67	89	143	96	114
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	123	119	121	91	74	82	65	60	63	97	90	94
2	124	119	122	95	91	94	74	65	71	98	86	94
3	130	121	126	105	94	97	82	74	80	86	76	81
4	130	94	120	114	105	110	86	82	84	91	85	90
5	127	44	96	121	114	118	89	84	87	91	85	89
6	60	44	51	122	108	117	88	84	85	86	82	84
7	71	60	67	108	105	107	88	84	86	86	83	84
8	81	71	75	107	95	103	92	86	90	90	86	88
9	92	81	87	95	93	94	97	91	95	91	89	90
10	98	87	94	99	93	97	97	94	96	99	91	95
11	99	91	96	101	98	99	103	95	99	99	96	97
12	97	85	91	105	92	99	106	100	103	102	97	99
13	94	82	85	92	85	89	109	103	106	101	97	99
14	90	85	88	96	88	93	113	106	110	98	95	97
15	102	89	96	102	96	99	123	90	107	108	98	104
16	102	98	99	105	101	103	97	55	83	112	105	108
17	105	101	103	105	100	103	57	50	53	112	108	109
18	124	105	113	106	89	101	50	47	48	108	102	105
19	116	84	93	101	89	97	47	43	45	108	105	107
20	102	98	100	98	89	94	56	43	48	106	99	104
21	108	99	104	102	95	99	65	56	61	100	99	99
22	114	107	111	101	81	91	69	64	67	104	99	102
23	117	111	114	99	72	90	72	67	70	105	104	104
24	130	116	124	76	67	72	74	69	72	109	104	105
25	140	121	131	76	67	72	80	74	77	113	109	111
26	138	128	135	67	59	62	83	79	81	126	112	118
27	132	89	108	72	60	66	87	83	86	114	98	107
28	101	89	94	79	72	75	93	86	89	98	85	90
29	94	67	80	80	68	77	96	88	92	89	85	87
30	81	70	73	68	48	57	91	88	90	93	88	91
31	---	---	---	60	48	53	92	88	90	---	---	---
MONTH	140	44	100	122	48	91	123	43	81	126	76	98
YEAR	165	43	100									

pH (UNITS), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

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

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16.5	13.0	14.5	10.5	8.5	9.5	---	---	---	2.5	1.5	2.0
2	17.0	12.5	15.0	8.5	7.0	8.0	---	---	---	4.0	2.0	3.0
3	18.5	14.5	16.5	8.5	7.0	8.0	7.5	5.5	6.5	6.0	4.0	5.0
4	18.5	15.0	17.0	10.0	8.0	9.0	11.0	7.5	9.0	6.5	6.0	6.0
5	18.5	14.0	16.5	13.0	10.0	11.5	12.0	10.0	11.0	6.0	5.0	5.5
6	18.5	16.0	17.5	14.5	13.0	13.5	10.0	9.5	10.0	5.0	4.0	4.5
7	18.0	16.0	17.0	13.5	10.5	12.0	9.5	7.5	8.5	7.5	4.5	5.5
8	20.0	17.0	18.5	10.5	8.5	9.5	8.0	6.5	7.5	8.5	7.0	7.5
9	20.5	17.0	18.5	8.5	7.5	8.0	7.5	6.0	7.0	7.0	4.5	5.5
10	21.0	18.5	19.5	10.0	8.0	9.0	7.5	6.5	7.0	4.5	2.5	3.5
11	18.5	14.0	16.0	9.5	7.5	8.5	7.5	6.0	7.0	4.5	3.0	3.5
12	16.5	12.5	14.5	9.5	7.0	8.0	6.0	4.0	5.0	6.5	4.5	5.5
13	16.0	12.5	14.0	10.5	8.5	9.5	4.5	3.5	4.0	8.0	6.5	7.0
14	15.5	13.5	14.5	13.0	10.5	12.0	5.0	4.0	4.5	8.0	7.0	8.0
15	17.0	13.5	15.5	16.0	13.0	14.5	6.0	5.0	5.5	7.0	4.0	5.5
16	16.5	15.5	16.0	17.0	15.0	16.0	6.5	5.5	6.0	4.0	1.5	2.5
17	19.0	16.5	17.5	17.5	16.0	17.0	6.5	5.5	6.0	1.5	1.0	1.5
18	20.0	16.5	18.0	17.0	14.5	15.5	6.5	5.5	6.0	2.5	1.0	1.5
19	20.5	18.0	19.0	14.5	13.5	13.5	6.5	5.5	6.0	1.5	.5	1.0
20	21.5	18.5	20.0	13.5	11.0	12.5	6.0	5.0	5.5	.5	.5	.5
21	21.0	19.0	20.0	11.0	8.0	9.0	6.5	5.5	6.0	1.5	.5	1.0
22	20.0	16.0	18.0	9.0	7.0	8.0	6.0	4.5	5.0	2.5	.5	1.5
23	16.5	14.5	15.5	9.0	7.0	8.0	5.0	3.5	4.5	3.5	1.0	2.0
24	15.0	12.5	13.5	9.0	6.5	8.0	5.0	4.5	5.0	5.0	3.0	4.0
25	14.5	12.5	13.5	9.0	7.0	8.0	5.0	4.0	4.5	6.5	4.5	5.5
26	15.5	13.5	14.5	9.5	9.0	9.0	4.5	3.5	4.0	8.0	6.0	7.0
27	16.0	13.0	14.5	---	---	---	5.0	3.0	4.0	8.0	7.0	7.5
28	15.5	12.5	14.5	---	---	---	6.5	4.5	5.5	7.5	6.5	7.0
29	12.5	10.5	11.0	9.5	8.0	8.5	6.5	5.5	6.0	8.0	7.0	7.5
30	12.0	11.5	12.0	8.0	6.5	7.0	5.5	4.0	4.5	8.0	7.0	8.0
31	12.0	10.5	11.5	---	---	---	4.0	2.0	3.0	7.0	6.5	7.0
MONTH	21.5	10.5	15.9	17.5	6.5	10.4	12.0	2.0	6.0	8.5	.5	4.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.5	5.0	5.5	9.0	8.5	8.5	15.0	13.0	14.0	23.5	21.5	22.5
2	5.0	3.5	4.5	8.5	7.5	8.0	15.5	13.0	14.0	22.0	19.0	20.5
3	4.5	2.5	3.5	8.5	7.5	8.0	15.0	13.0	14.0	19.0	16.0	17.5
4	5.0	3.0	4.0	10.5	7.5	8.5	16.5	13.5	15.0	16.0	15.0	15.5
5	7.0	5.0	6.0	12.0	9.0	10.5	16.5	14.0	15.5	17.5	14.5	16.0
6	8.0	7.0	7.5	12.5	10.0	11.5	16.5	15.5	16.0	19.0	15.5	17.5
7	9.5	8.0	8.5	13.5	11.0	12.5	17.5	15.5	16.5	20.0	16.5	18.5
8	9.5	8.5	9.0	15.5	12.5	14.0	17.0	14.5	16.0	21.0	18.5	19.5
9	13.0	9.5	11.0	15.0	13.0	14.0	16.0	14.0	15.5	21.0	18.0	19.5
10	13.0	10.5	12.0	13.5	12.0	13.0	18.0	15.0	16.5	20.5	18.5	19.5
11	10.5	6.5	8.0	12.5	10.5	11.0	20.0	17.0	18.5	21.5	18.5	20.0
12	6.5	6.0	6.0	11.0	8.5	10.0	19.5	18.5	19.0	22.5	19.0	20.5
13	6.5	5.5	6.0	11.0	8.5	10.0	20.5	18.5	19.5	21.0	19.0	20.0
14	7.0	5.5	6.5	12.5	10.0	11.5	21.0	17.5	19.5	---	---	---
15	6.5	5.0	6.0	13.5	10.5	12.0	19.5	18.0	18.5	---	---	---
16	7.5	5.5	6.5	14.0	11.5	12.5	20.0	18.0	19.0	---	---	---
17	8.0	5.5	7.0	12.5	10.0	11.5	18.5	17.0	18.0	22.0	19.5	21.0
18	10.0	7.0	8.5	12.5	9.5	11.5	18.5	16.0	17.5	21.5	18.5	20.0
19	10.0	8.0	9.0	14.5	11.0	13.0	19.5	16.0	17.5	20.0	18.0	19.0
20	11.5	9.0	10.5	15.5	12.0	14.0	21.0	17.5	19.0	18.0	16.0	17.0
21	11.0	10.0	10.5	16.5	14.5	15.5	21.0	18.0	19.5	18.0	14.5	16.5
22	11.5	9.5	10.5	18.0	15.0	16.5	20.5	18.5	19.5	20.0	15.5	18.0
23	12.0	11.0	11.5	17.0	14.0	16.0	20.0	17.5	18.5	21.5	17.0	19.5
24	12.5	11.5	12.0	17.5	15.5	16.5	19.0	16.0	17.5	23.0	19.0	21.0
25	11.5	10.0	10.5	18.0	16.5	17.5	20.0	15.5	17.5	24.5	20.5	22.5
26	10.5	9.5	10.0	17.0	15.0	15.5	21.5	18.0	20.0	24.0	22.0	23.0
27	10.0	8.5	9.0	18.0	15.0	16.5	23.0	19.5	21.0	24.0	21.0	22.5
28	9.0	7.0	8.0	18.0	17.0	18.0	23.5	20.5	22.0	22.0	19.0	20.5
29	---	---	---	17.0	15.5	16.0	23.5	21.5	22.5	23.0	19.0	21.0
30	---	---	---	16.0	13.0	14.5	23.5	20.0	22.0	24.0	19.5	21.5
31	---	---	---	15.5	12.5	14.0	---	---	---	23.0	20.5	22.0
MONTH	13.0	2.5	8.1	18.0	7.5	13.0	23.5	13.0	18.0	24.5	14.5	19.7

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.6	8.9	9.2	9.7	8.9	9.3	11.3	10.6	11.0	13.2	12.5	12.8
2	9.5	8.5	9.0	10.2	9.7	10.0	11.5	10.9	11.1	13.2	12.0	12.5
3	9.1	8.4	8.7	10.2	9.8	10.1	11.3	10.5	10.9	12.4	11.2	11.8
4	8.9	8.2	8.5	10.0	9.4	9.8	10.5	9.7	10.2	11.5	10.9	11.1
5	9.1	8.3	8.6	9.4	8.5	8.9	9.9	9.3	9.5	12.1	11.1	11.6
6	8.8	8.3	8.5	8.5	8.3	8.4	10.2	9.5	9.8	12.4	11.7	12.0
7	8.6	8.3	8.4	9.3	8.4	8.9	10.7	9.9	10.3	12.2	10.9	11.6
8	8.6	8.3	8.4	9.9	9.3	9.8	11.3	10.5	10.8	11.3	10.7	10.9
9	8.8	8.4	8.6	10.3	9.9	10.2	11.5	10.7	10.9	12.1	10.8	11.5
10	8.8	8.5	8.6	10.2	9.8	10.0	11.0	10.6	10.8	13.1	11.7	12.3
11	9.0	8.5	8.8	10.4	9.9	10.1	11.1	10.5	10.8	12.9	11.8	12.3
12	8.9	8.4	8.7	10.4	10.0	10.2	11.8	11.0	11.4	11.8	10.9	11.4
13	9.0	8.2	8.6	10.1	9.6	9.9	12.2	11.6	11.8	10.9	10.5	10.8
14	9.2	8.7	8.9	9.6	9.0	9.4	11.8	11.3	11.5	10.8	10.5	10.6
15	9.7	8.9	9.2	9.0	8.4	8.7	11.7	10.9	11.2	11.9	10.7	11.4
16	9.3	9.1	9.2	8.6	8.3	8.5	11.6	10.9	11.1	13.2	11.8	12.6
17	9.4	9.1	9.2	8.4	8.1	8.3	11.8	11.0	11.2	13.2	12.9	13.0
18	9.5	8.9	9.1	8.7	8.1	8.4	11.6	10.9	11.2	13.3	12.7	12.9
19	8.9	8.6	8.8	9.1	8.5	8.8	11.8	10.9	11.2	13.6	12.8	13.2
20	8.8	8.5	8.6	9.3	8.8	9.1	11.6	11.0	11.2	13.8	13.0	13.3
21	8.6	8.4	8.5	10.2	9.3	9.9	11.9	10.9	11.2	13.7	13.0	13.4
22	8.4	8.3	8.3	10.7	10.2	10.4	11.6	11.0	11.3	13.5	12.8	13.1
23	8.6	8.3	8.4	10.7	10.1	10.4	12.3	11.5	11.8	13.2	12.4	12.8
24	8.8	8.5	8.6	10.7	10.1	10.3	12.3	11.4	11.7	12.5	11.6	12.2
25	9.1	8.6	8.8	10.7	10.0	10.3	12.3	11.4	11.7	12.0	11.1	11.6
26	8.6	8.2	8.5	10.1	9.8	10.0	12.7	11.6	12.0	11.4	10.7	11.0
27	8.7	8.3	8.4	9.8	9.3	9.6	12.9	11.7	12.1	10.8	10.6	10.7
28	8.6	8.3	8.4	9.3	9.2	9.3	11.9	11.4	11.7	11.3	10.4	10.8
29	9.3	8.6	9.1	10.0	9.3	9.7	11.4	11.3	11.3	10.6	10.4	10.5
30	9.1	8.4	8.7	10.8	10.0	10.5	12.5	11.3	11.9	10.5	10.4	10.4
31	8.9	8.4	8.6	---	---	---	13.3	12.0	12.6	11.0	10.5	10.7
MONTH	9.7	8.2	8.7	10.8	8.1	9.6	13.3	9.3	11.2	13.8	10.4	11.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.8	10.8	11.1	11.1	10.7	10.8	9.7	9.3	9.5	8.1	7.7	7.9
2	12.2	11.1	11.6	10.8	10.6	10.7	9.8	9.5	9.6	8.3	7.8	8.2
3	12.7	11.6	12.0	11.1	10.4	10.7	9.7	9.3	9.5	9.0	8.3	8.8
4	12.6	11.2	11.8	10.9	10.0	10.5	9.6	9.0	9.3	9.2	9.0	9.1
5	11.2	10.5	10.9	10.4	9.7	10.1	9.5	9.0	9.2	9.3	8.9	9.2
6	10.8	10.2	10.4	10.4	9.5	9.9	9.2	8.8	9.0	9.2	8.7	8.9
7	11.1	9.9	10.3	10.3	9.2	9.7	9.3	8.8	9.0	9.1	8.2	8.6
8	10.3	9.9	10.0	9.9	8.8	9.3	9.7	8.9	9.2	8.3	8.1	8.2
9	10.1	9.1	9.7	9.4	8.5	9.0	9.6	9.1	9.2	8.7	8.2	8.4
10	9.4	9.0	9.2	10.0	9.1	9.5	9.5	8.7	9.0	8.5	8.2	8.4
11	10.4	9.4	9.9	10.6	9.1	10.1	9.1	8.2	8.6	8.5	8.1	8.3
12	10.8	10.4	10.7	11.1	10.1	10.4	8.6	8.1	8.3	8.5	8.0	8.3
13	11.1	10.6	10.9	11.2	10.0	10.4	8.5	7.8	8.1	8.5	8.1	8.3
14	11.8	10.6	11.0	10.8	9.9	10.3	8.4	7.6	8.0	---	---	---
15	11.9	10.6	11.1	10.3	9.8	10.1	---	---	---	---	---	---
16	12.0	10.4	11.0	10.0	9.8	9.9	---	---	---	---	---	---
17	11.9	10.4	10.9	10.4	9.9	10.2	---	---	---	8.2	7.7	8.0
18	11.5	10.0	10.7	10.4	9.8	10.2	---	---	---	8.5	8.1	8.3
19	11.2	10.3	10.6	10.1	9.5	9.8	---	---	---	8.6	8.2	8.4
20	10.9	9.9	10.3	9.8	9.1	9.5	---	---	---	8.9	8.4	8.8
21	10.6	9.9	10.1	9.3	8.7	9.0	8.5	8.2	8.3	9.2	8.6	8.9
22	10.9	10.0	10.2	9.2	8.6	8.9	8.4	8.2	8.3	8.9	8.3	8.6
23	10.0	9.4	9.8	9.5	8.9	9.2	8.8	8.4	8.6	8.5	7.8	8.3
24	9.8	9.4	9.6	9.2	8.7	9.0	9.1	8.6	8.8	8.2	7.6	7.9
25	10.4	9.6	10.0	8.7	8.5	8.6	9.0	8.6	8.8	7.9	7.5	7.7
26	10.8	10.0	10.4	9.0	8.6	8.9	8.8	8.2	8.5	7.7	7.4	7.6
27	11.5	10.4	10.8	9.0	8.5	8.8	8.6	7.9	8.2	7.9	7.4	7.6
28	12.0	10.7	11.2	8.5	8.4	8.5	8.3	7.8	8.1	8.3	7.6	8.0
29	---	---	---	8.8	8.5	8.7	8.1	7.7	7.9	8.2	7.6	7.9
30	---	---	---	9.4	8.8	9.2	8.0	7.7	7.9	8.2	7.7	7.9
31	---	---	---	9.4	9.2	9.3	---	---	---	8.0	7.7	7.8
MONTH	12.7	9.0	10.6	11.2	8.4	9.7	9.8	7.6	8.7	9.3	7.4	8.3

SANTEE RIVER BASIN

02160326 ENOREE RIVER AT PELHAM, SC

LOCATION.--Lat 34°51'23'', long 82°13'35'', Spartanburg County, Hydrologic Unit 03050108, near left bank, on downstream side of bridge on S.C. Highway 14, 0.5 mi downstream from Brushy Creek, at Pelham.

DRAINAGE AREA.--84.2 mi².

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

GAGE.--Data collection platform. Elevation of gage is 730 ft above sea level (from topographic map).

REMARKS.--1993 Water Year: No estimated daily discharges. Records good.
1994 Water Year: Records good except for estimated daily discharges, Aug. 6 - 13, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	765	171	178	80	57	53
2	---	---	---	---	---	---	361	165	146	78	54	85
3	---	---	---	---	---	---	300	168	130	74	57	87
4	---	---	---	---	---	---	269	664	125	71	72	93
5	---	---	---	---	---	---	470	1300	119	68	68	84
6	---	---	---	---	---	---	477	382	115	66	63	64
7	---	---	---	---	---	---	314	244	111	66	67	61
8	---	---	---	---	---	---	277	215	110	66	69	84
9	---	---	---	---	---	---	335	200	107	64	64	67
10	---	---	---	---	---	200	512	182	104	63	60	57
11	---	---	---	---	---	187	314	175	102	63	58	53
12	---	---	---	---	---	184	273	168	99	61	58	50
13	---	---	---	---	---	692	250	177	121	59	59	50
14	---	---	---	---	---	412	241	183	119	59	79	48
15	---	---	---	---	---	295	238	162	116	57	65	48
16	---	---	---	---	---	280	277	154	120	56	60	56
17	---	---	---	---	---	314	227	149	116	60	67	66
18	---	---	---	---	---	301	217	152	101	60	53	73
19	---	---	---	---	---	256	211	180	98	175	51	53
20	---	---	---	---	---	231	209	207	95	101	49	52
21	---	---	---	---	---	216	208	182	91	75	54	64
22	---	---	---	---	---	245	200	165	98	68	57	61
23	---	---	---	---	---	639	196	150	90	66	86	53
24	---	---	---	---	---	1610	192	141	86	84	74	51
25	---	---	---	---	---	613	193	140	89	80	58	49
26	---	---	---	---	---	413	231	154	89	75	58	53
27	---	---	---	---	---	1460	202	141	92	80	74	68
28	---	---	---	---	---	757	186	134	82	72	71	60
29	---	---	---	---	---	410	178	131	83	64	53	53
30	---	---	---	---	---	319	174	130	86	60	49	49
31	---	---	---	---	---	359	---	164	---	56	68	---
TOTAL	---	---	---	---	---	---	8497	7030	3218	2227	1932	1845
MEAN	---	---	---	---	---	---	283	227	107	71.8	62.3	61.5
MAX	---	---	---	---	---	---	765	1300	178	175	86	93
MIN	---	---	---	---	---	---	174	130	82	56	49	48
CFSM	---	---	---	---	---	---	3.36	2.69	1.27	.85	.74	.73
IN.	---	---	---	---	---	---	3.75	3.11	1.42	.98	.85	.82

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

MEAN	---	---	---	---	---	---	283	227	107	71.8	62.3	61.5
MAX	---	---	---	---	---	---	283	227	107	71.8	62.3	61.5
(WY)	---	---	---	---	---	---	1993	1993	1993	1993	1993	1993
MIN	---	---	---	---	---	---	283	227	107	71.8	62.3	61.5
(WY)	---	---	---	---	---	---	1993	1993	1993	1993	1993	1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	70	90	83	122	139	159	102	71	101	184	132
2	49	62	84	82	112	389	143	98	73	92	179	133
3	48	61	79	98	107	321	133	110	73	84	181	137
4	45	62	95	244	104	193	125	156	74	80	289	116
5	46	252	302	139	124	158	119	112	327	197	201	105
6	45	123	138	111	121	138	156	100	657	257	180	140
7	47	82	104	104	106	127	134	98	185	117	160	122
8	45	71	94	152	120	121	115	123	128	100	150	155
9	45	68	88	115	124	116	111	101	107	96	140	111
10	44	67	99	102	135	171	113	97	709	91	130	105
11	42	65	98	98	387	133	114	95	424	93	140	100
12	44	65	83	435	532	116	112	93	161	103	150	95
13	46	63	81	282	275	113	182	90	122	105	170	96
14	46	62	124	164	195	109	153	91	109	109	192	94
15	47	74	154	130	158	108	266	158	128	87	277	90
16	49	73	119	113	141	103	524	107	206	100	832	88
17	49	64	99	153	130	99	254	95	181	128	3050	112
18	50	64	91	241	119	100	172	88	123	91	1400	127
19	48	63	89	161	112	97	149	87	97	84	312	106
20	45	62	102	129	109	95	137	84	87	166	253	92
21	49	61	168	116	120	97	123	81	80	175	234	89
22	65	60	113	109	119	109	118	79	75	514	218	87
23	65	62	99	107	342	96	112	77	79	364	199	86
24	55	62	93	107	487	104	109	76	94	650	182	154
25	53	62	91	105	231	299	107	74	120	302	167	278
26	53	61	83	104	166	133	105	75	132	165	154	329
27	55	509	81	104	142	157	126	79	507	141	139	131
28	54	265	85	371	129	517	149	73	218	740	125	105
29	52	118	116	238	---	579	111	70	256	676	111	96
30	229	99	93	163	---	296	103	71	122	208	106	90
31	108	---	84	136	---	192	---	71	---	187	110	---
TOTAL	1766	2932	3319	4796	5069	5525	4534	2911	5725	6403	10315	3701
MEAN	57.0	97.7	107	155	181	178	151	93.9	191	207	333	123
MAX	229	509	302	435	532	579	524	158	709	740	3050	329
MIN	42	60	79	82	104	95	103	70	71	80	106	88

MEAN	57.0	97.7	107	155	181	178	217	160	149	139	198	92.4
MAX	57.0	97.7	107	155	181	178	283	227	191	207	333	123
(WY)	1994	1994	1994	1994	1994	1994	1993	1993	1994	1994	1994	1994
MIN	57.0	97.7	107	155	181	178	151	93.9	107	71.8	62.3	61.5
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	1993

WATER YEARS 1993 - 1994

ANNUAL TOTAL	56996				
ANNUAL MEAN	156			156	
HIGHEST ANNUAL MEAN				156	1994
LOWEST ANNUAL MEAN				156	1994
HIGHEST DAILY MEAN	3050	Aug 17		3050	Aug 17 1994
LOWEST DAILY MEAN	42	Oct 11		42	Oct 11 1993
ANNUAL SEVEN-DAY MINIMUM	45	Oct 6		45	Oct 6 1993
INSTANTANEOUS PEAK FLOW	3790	Aug 17		3790	Aug 17 1994
INSTANTANEOUS PEAK STAGE	13.81	Aug 17		13.81	Aug 17 1994
10 PERCENT EXCEEDS	270			294	
50 PERCENT EXCEEDS	111			109	
90 PERCENT EXCEEDS	62			58	

SANTEE RIVER BASIN

02160390 ENOREE RIVER NEAR WOODRUFF, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	200	207	196	295	480	470	241	146	230	386	328
2	101	160	194	194	276	800	414	228	146	202	284	1950
3	102	145	187	200	261	660	382	227	179	186	238	594
4	99	143	183	500	250	600	360	291	177	174	368	415
5	95	289	414	378	255	498	345	273	302	201	347	334
6	93	360	337	286	294	433	354	237	989	404	275	322
7	94	206	246	258	280	394	376	222	688	263	233	366
8	96	174	212	292	300	371	326	242	313	207	217	332
9	93	162	200	290	272	353	309	255	250	198	207	297
10	91	158	198	251	275	407	307	218	314	181	195	268
11	88	154	226	235	453	410	301	210	841	195	188	251
12	88	151	200	573	990	349	300	203	335	206	188	236
13	93	149	187	621	618	335	327	198	247	197	265	225
14	95	149	194	389	446	329	393	195	218	198	287	223
15	96	149	326	311	373	320	353	223	254	186	257	215
16	96	163	284	271	334	313	738	253	260	181	729	211
17	99	156	233	261	309	306	574	204	388	231	3740	211
18	100	151	212	436	292	303	397	189	337	200	4070	271
19	99	148	204	390	279	300	344	183	254	171	1250	268
20	98	148	202	312	271	293	315	179	202	172	874	220
21	97	144	338	278	270	290	296	177	184	241	545	208
22	105	141	286	263	295	304	279	178	172	255	532	203
23	127	142	246	256	445	296	269	171	163	1070	408	198
24	122	145	229	251	1090	290	264	166	162	654	355	203
25	115	144	216	245	820	703	255	160	217	601	326	293
26	113	142	205	241	525	517	249	157	183	328	302	436
27	112	561	194	236	480	388	257	158	591	267	282	293
28	113	643	193	553	460	812	390	155	435	427	272	229
29	110	300	233	600	---	1440	283	150	543	925	259	209
30	263	233	236	387	---	854	253	147	309	383	245	199
31	310	---	205	328	---	568	---	146	---	288	308	---
TOTAL	3505	6110	7227	10282	11508	14716	10480	6236	9799	9622	18432	10008
MEAN	113	204	233	332	411	475	349	201	327	310	595	334
MAX	310	643	414	621	1090	1440	738	291	989	1070	4070	1950
MIN	88	141	183	194	250	290	249	146	146	171	188	198
CFSM	.45	.82	.94	1.33	1.65	1.91	1.40	.81	1.31	1.25	2.39	1.34
IN.	.52	.91	1.08	1.54	1.72	2.20	1.57	.93	1.46	1.44	2.75	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

MEAN	113	204	233	332	411	851	507	333	288	241	364	229
MAX	113	204	233	332	411	1228	664	465	327	310	595	334
(WY)	1994	1994	1994	1994	1994	1993	1993	1993	1994	1994	1994	1994
MIN	113	204	233	332	411	475	349	201	250	171	134	125
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	1993

SUMMARY STATISTICS

FOR 1994 WATER YEAR

WATER YEARS 1993 - 1994

ANNUAL TOTAL	117925	
ANNUAL MEAN	323	323
HIGHEST ANNUAL MEAN		323
LOWEST ANNUAL MEAN		323
HIGHEST DAILY MEAN	4070	4070
LOWEST DAILY MEAN	88	88
ANNUAL SEVEN-DAY MINIMUM	92	92
INSTANTANEOUS PEAK FLOW	4580	4580
INSTANTANEOUS PEAK STAGE	14.89	15.35
ANNUAL RUNOFF (CFSM)	1.30	1.30
ANNUAL RUNOFF (INCHES)	17.62	17.63
10 PERCENT EXCEEDS	544	685
50 PERCENT EXCEEDS	257	261
90 PERCENT EXCEEDS	145	128

* Also occurred on Oct. 12.

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 sea level.

REMARKS.--Records good except for estimated daily discharges, Jan. 19 - 22, July 7 - 11, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	137	396	352	327	536	569	842	371	220	523	466	477
2	131	266	313	318	483	1910	715	351	221	413	532	667
3	130	218	294	318	450	2900	641	339	253	366	424	1760
4	130	203	288	489	428	1820	596	369	304	327	382	736
5	127	225	344	711	420	1020	558	421	557	309	544	549
6	123	438	576	558	445	803	542	397	914	367	540	473
7	121	456	465	448	471	697	560	353	1450	600	424	479
8	122	306	367	422	432	639	551	334	894	640	365	488
9	123	255	324	450	450	597	498	353	521	370	336	454
10	123	236	308	434	485	605	481	367	423	300	317	417
11	118	228	310	388	659	677	472	326	596	290	300	383
12	115	221	326	606	1240	623	462	312	858	350	286	360
13	116	218	305	1100	1350	554	471	303	467	370	279	342
14	119	217	292	863	905	537	512	293	381	350	384	328
15	124	216	398	603	701	516	534	292	350	329	473	320
16	124	220	513	494	606	528	615	325	383	310	766	311
17	127	233	441	443	546	502	959	361	412	300	2830	306
18	132	230	372	493	509	461	702	306	512	350	4120	342
19	133	220	341	650	483	452	545	285	478	410	4900	401
20	132	217	326	540	463	441	491	272	387	300	2820	377
21	130	211	439	485	450	431	455	269	323	283	1170	330
22	134	207	572	435	453	429	429	266	293	438	944	305
23	144	204	478	428	536	432	407	267	275	543	787	296
24	164	207	445	418	1540	431	392	260	260	1200	623	293
25	166	208	408	411	1580	635	387	248	265	881	546	293
26	157	211	368	404	922	1010	375	247	313	682	497	377
27	155	275	342	397	698	710	365	252	923	458	460	523
28	154	996	324	503	602	620	392	244	1190	429	430	389
29	152	758	322	1060	---	1660	518	239	1240	620	414	322
30	204	440	358	839	---	2110	410	227	866	1000	391	298
31	385	---	366	619	---	1170	---	222	---	494	371	---
TOTAL	4452	8936	11677	16654	18843	26489	15877	9471	16529	14602	28121	13396
MEAN	144	298	377	537	673	854	529	306	551	471	907	447
MAX	385	996	576	1100	1580	2900	959	421	1450	1200	4900	1760
MIN	115	203	288	318	420	429	365	222	220	283	279	293
CFSM	.32	.67	.85	1.21	1.52	1.92	1.19	.69	1.24	1.06	2.04	1.01
IN.	.37	.75	.98	1.40	1.58	2.22	1.33	.79	1.38	1.22	2.36	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

	MEAN	463	459	578	836	842	1041	741	563	394	328	335	276
MAX	1654	1236	1537	1680	1554	2076	1418	1407	599	806	907	714	
(WY)	1977	1993	1984	1993	1990	1993	1979	1984	1975	1984	1994	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 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1974 - 1994
ANNUAL TOTAL	244743	185047	
ANNUAL MEAN	671	507	570
HIGHEST ANNUAL MEAN			859
LOWEST ANNUAL MEAN			267
HIGHEST DAILY MEAN	4970	Mar 28	16800
LOWEST DAILY MEAN	115	Oct 12	51
ANNUAL SEVEN-DAY MINIMUM	119	Oct 8	57
INSTANTANEOUS PEAK FLOW		5040	19700
INSTANTANEOUS PEAK STAGE		24.94	32.58
INSTANTANEOUS LOW FLOW		113	50
ANNUAL RUNOFF (CFSM)	1.51	1.14	1.28
ANNUAL RUNOFF (INCHES)	20.51	15.50	17.45
10 PERCENT EXCEEDS	1410	860	1020
50 PERCENT EXCEEDS	358	411	399
90 PERCENT EXCEEDS	136	211	172

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, 137 microsiemens, Dec. 14; minimum, 42 microsiemens, Aug. 19.

pH: Maximum, 7.6 units, June 23, 24, July 23; minimum, 6.1 units, Nov. 10, Aug. 18, 19.

WATER TEMPERATURE: Maximum, 25.5°C, June 24; minimum, 0.5°C, Jan. 20.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 20; minimum, 5.7 mg/L, Aug. 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	119	112	116	117	90	105	83	78	80	98	94	96
2	118	112	116	94	90	92	86	83	85	101	97	99
3	119	115	117	98	94	96	91	86	89	99	93	97
4	123	119	121	103	98	100	94	91	93	93	80	86
5	127	123	125	104	101	102	96	92	94	83	80	82
6	127	123	126	104	99	101	101	91	95	81	76	78
7	126	119	122	105	85	94	95	77	81	82	78	79
8	120	114	117	89	84	86	84	81	82	86	82	83
9	121	115	118	94	89	93	91	84	88	92	86	89
10	125	120	122	100	93	95	97	91	94	94	91	92
11	131	125	128	104	99	100	105	91	97	92	87	90
12	134	130	132	105	102	104	107	102	105	89	72	82
13	134	128	131	108	104	106	127	106	117	79	68	74
14	132	128	130	107	104	106	137	114	131	70	64	67
15	130	125	128	109	105	107	114	94	99	76	70	73
16	128	125	127	108	105	107	100	92	94	85	76	81
17	128	124	126	108	102	105	100	87	92	87	84	85
18	129	125	127	106	103	104	94	88	91	88	85	87
19	132	128	130	108	103	104	98	92	96	90	86	88
20	133	128	131	112	108	110	98	94	97	89	85	88
21	134	125	129	115	112	113	97	85	93	93	85	88
22	126	121	123	118	114	116	88	84	85	93	89	91
23	125	121	122	116	114	115	92	84	86	93	90	91
24	129	124	126	118	113	115	87	84	85	94	90	92
25	129	125	127	113	109	112	88	85	87	94	88	91
26	127	120	123	110	108	109	92	86	88	90	86	88
27	122	118	120	109	100	103	88	86	87	90	87	89
28	118	113	115	101	67	85	92	87	90	92	85	89
29	117	114	116	72	65	68	91	90	90	85	77	81
30	114	101	107	78	72	74	92	89	90	77	70	72
31	107	101	103	---	---	---	97	92	95	78	73	76
MONTH	134	101	123	118	65	101	137	77	93	101	64	85

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

	FEBRUARY			MARCH			APRIL			MAY		
1	83	78	81	78	76	77	70	61	66	90	84	87
2	86	81	83	77	51	58	76	68	73	96	90	94
3	92	85	87	57	52	55	80	73	77	101	96	98
4	92	90	91	63	57	59	79	73	76	104	101	103
5	93	90	91	67	63	64	78	74	76	104	99	101
6	94	90	92	71	67	70	77	72	74	110	102	107
7	93	89	91	75	70	72	78	73	76	111	108	110
8	91	84	87	76	72	74	83	77	80	119	111	116
9	86	80	83	78	74	76	84	79	81	122	115	119
10	88	81	83	80	76	78	87	82	84	116	114	115
11	88	78	83	81	78	79	88	81	83	116	107	111
12	80	76	78	84	81	83	92	85	88	109	107	108
13	78	69	72	84	81	82	91	81	87	113	109	111
14	72	68	69	86	81	84	88	82	86	114	112	113
15	74	72	73	87	81	84	93	82	87	113	107	110
16	77	71	74	85	79	82	82	75	79	107	94	97
17	80	76	78	85	79	80	80	68	75	100	94	97
18	87	78	81	89	84	86	68	64	66	96	84	88
19	91	86	88	91	87	89	69	66	68	88	85	86
20	92	87	90	93	87	90	72	68	69	95	88	92
21	92	89	90	93	87	90	77	71	73	98	94	96
22	93	88	90	91	81	86	81	76	78	107	98	101
23	92	79	87	86	80	83	86	80	82	113	105	109
24	79	61	65	84	79	82	90	84	87	107	104	105
25	67	59	62	82	76	78	91	85	88	104	98	101
26	70	64	66	79	65	74	90	83	87	100	94	97
27	74	70	73	68	64	65	87	80	84	101	95	97
28	78	73	76	75	68	72	84	80	82	104	101	102
29	---	---	---	74	52	64	88	81	84	110	104	106
30	---	---	---	58	50	55	87	81	83	114	110	112
31	---	---	---	64	57	61	---	---	---	113	108	111
MONTH	94	59	81	93	50	75	93	61	79	122	84	103
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	113	101	108	73	66	68	80	66	73	92	84	88
2	105	96	101	85	73	77	77	69	72	90	80	88
3	99	90	95	87	83	85	77	73	75	80	47	55
4	94	86	90	92	87	90	81	76	78	72	58	65
5	94	63	81	93	91	92	87	80	83	81	71	75
6	69	59	64	95	87	92	89	79	84	82	78	80
7	69	48	56	---	---	---	88	76	81	83	78	80
8	55	50	53	---	---	---	94	88	90	82	78	80
9	64	54	60	---	---	---	97	89	93	82	77	79
10	72	63	67	---	---	---	94	89	92	85	81	83
11	90	72	77	---	---	---	95	90	93	89	85	86
12	90	59	65	86	82	85	101	95	98	92	89	91
13	70	63	66	84	78	81	103	97	101	96	87	92
14	75	68	72	82	79	81	110	101	105	89	86	87
15	78	72	76	87	82	85	107	78	89	88	86	87
16	84	76	80	89	86	87	92	47	78	95	87	90
17	85	77	82	90	86	88	56	47	52	99	95	97
18	93	83	89	90	84	88	48	45	46	96	92	95
19	91	67	74	88	72	79	46	42	44	101	96	98
20	81	74	78	86	80	84	63	45	56	97	88	91
21	86	81	85	89	83	86	67	62	63	91	85	88
22	92	86	90	89	84	87	72	66	69	89	86	88
23	93	91	92	90	80	86	75	69	72	96	89	92
24	101	93	98	80	53	60	76	74	75	97	95	96
25	105	99	101	70	61	66	82	75	77	101	97	99
26	110	105	107	66	60	62	87	82	83	101	97	98
27	106	59	81	69	62	65	91	87	89	103	75	88
28	85	55	71	77	69	71	95	91	93	75	66	69
29	63	50	56	89	77	82	98	92	95	79	68	72
30	74	63	70	86	50	59	97	92	95	87	79	84
31	---	---	---	66	53	60	95	90	93	---	---	---
MONTH YEAR	113 137	48 42	79 89	95	50	79	110	42	80	103	47	85

pH (UNITS), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

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

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16.5	13.5	15.0	11.5	10.0	11.0	8.0	7.0	7.0	3.5	2.5	3.0
2	17.0	13.0	14.5	10.0	8.5	9.0	7.5	6.0	6.5	4.5	3.0	4.0
3	18.0	14.5	16.0	9.5	8.0	9.0	8.0	6.5	7.5	6.5	4.5	5.5
4	17.5	15.5	16.0	11.0	9.0	10.0	11.0	8.0	9.5	7.0	6.5	6.5
5	17.0	14.5	16.0	13.0	11.0	12.0	12.0	11.0	11.5	6.5	5.5	6.0
6	18.0	16.0	17.0	14.5	13.0	14.0	11.0	10.0	10.5	5.5	5.0	5.5
7	18.0	16.0	17.0	14.0	11.0	12.5	10.0	8.5	9.5	7.5	5.0	6.0
8	19.5	17.0	18.5	11.0	9.5	10.5	9.0	8.0	8.5	9.0	7.5	8.0
9	20.0	17.0	18.5	9.5	8.5	9.0	8.5	7.0	7.5	7.5	5.0	6.5
10	20.5	18.0	19.0	10.5	8.5	9.5	8.0	7.0	7.5	5.0	4.0	4.5
11	18.5	14.5	16.5	10.0	8.0	9.0	8.0	7.0	7.5	5.0	4.0	4.5
12	16.5	13.0	14.5	10.0	7.5	9.0	7.0	5.0	6.0	7.0	5.0	6.0
13	15.5	12.5	14.0	11.0	9.0	10.0	5.5	4.5	5.0	8.0	7.0	7.5
14	16.0	14.0	14.5	13.0	11.0	12.0	5.5	5.0	5.0	8.0	7.5	8.0
15	17.0	14.0	15.5	16.0	10.5	13.0	6.5	5.5	6.0	7.5	4.5	6.0
16	16.5	16.0	16.0	16.5	14.5	15.5	7.5	6.5	7.0	4.5	2.5	3.0
17	18.5	16.5	17.5	17.0	15.5	16.0	7.5	6.5	7.0	2.5	2.0	2.0
18	19.5	16.5	18.0	16.5	15.0	16.0	7.5	6.5	7.0	3.0	1.5	2.0
19	20.0	17.5	18.5	15.0	14.0	14.5	7.5	6.5	7.0	2.0	1.0	1.5
20	21.0	18.5	19.5	14.0	11.5	13.0	6.5	6.0	6.5	1.0	.5	1.0
21	21.0	18.5	20.0	11.5	8.5	10.0	7.0	6.0	6.5	2.5	1.0	1.5
22	19.5	16.0	18.0	10.0	7.5	8.5	6.5	5.5	6.0	2.5	1.0	2.0
23	17.0	14.5	15.5	10.0	7.5	8.5	5.5	5.0	5.5	3.5	1.5	2.5
24	15.0	13.0	14.0	10.0	7.5	8.5	6.0	5.0	5.5	5.0	3.0	4.0
25	15.0	13.0	14.0	10.0	7.5	8.5	5.5	5.0	5.5	6.5	5.0	5.5
26	16.0	14.5	15.0	9.0	8.5	9.0	5.0	4.0	4.5	8.0	6.5	7.0
27	16.5	14.0	15.0	9.0	9.0	9.0	5.5	4.0	4.5	8.0	7.5	8.0
28	16.5	13.5	15.0	10.5	8.5	9.5	7.0	5.0	6.0	8.0	7.0	7.5
29	13.5	11.5	12.5	10.0	8.5	9.0	7.0	6.5	7.0	8.0	7.5	8.0
30	13.0	12.5	13.0	8.5	7.5	8.0	6.5	5.0	6.0	8.0	8.0	8.0
31	13.0	11.5	12.5	---	---	---	5.0	3.5	4.0	8.0	7.0	7.5
MONTH	21.0	11.5	16.0	17.0	7.5	10.8	12.0	3.5	6.8	9.0	.5	5.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	5.5	6.5	9.0	8.0	8.5	14.0	13.0	13.5	22.5	20.5	21.5
2	5.5	4.5	5.0	8.5	7.5	8.0	14.5	12.5	13.5	21.0	18.5	19.5
3	5.0	3.5	4.5	8.5	7.5	7.5	14.5	13.0	14.0	18.5	16.0	17.0
4	5.5	4.0	5.0	9.5	7.5	8.5	16.0	13.5	14.5	16.0	15.0	15.5
5	7.5	5.5	6.5	11.0	9.5	10.5	16.0	14.5	15.0	16.5	14.5	15.5
6	8.5	7.5	8.0	12.0	10.5	11.0	16.0	15.0	15.5	17.5	15.0	16.5
7	10.0	8.5	9.0	12.5	11.0	12.0	17.0	15.0	16.0	19.0	16.0	17.5
8	10.0	9.0	9.5	14.5	12.0	13.0	16.0	14.0	15.0	20.5	18.5	19.0
9	13.0	10.0	11.5	14.0	13.0	13.5	15.5	14.0	14.5	20.0	17.5	18.5
10	13.5	11.5	13.0	13.5	12.0	12.5	16.5	14.5	15.5	19.5	17.5	18.5
11	11.5	8.0	9.5	12.0	10.0	11.0	18.5	16.0	17.5	20.0	18.0	19.0
12	8.0	7.0	7.5	10.5	9.0	10.0	18.5	18.0	18.0	21.0	18.0	19.5
13	7.5	6.5	7.0	10.0	8.0	9.0	20.0	18.0	18.5	20.0	18.0	19.0
14	7.5	7.0	7.0	12.0	9.0	10.5	20.0	17.5	18.5	20.0	17.5	18.5
15	7.0	6.5	7.0	13.0	10.5	11.5	18.5	17.5	18.0	21.5	18.5	20.0
16	8.0	6.5	7.5	13.0	11.5	12.0	19.5	17.5	18.5	23.0	20.5	21.5
17	8.0	7.0	7.5	12.0	10.5	11.0	18.0	17.0	17.5	22.0	20.0	21.0
18	10.0	7.5	9.0	12.0	10.0	11.0	18.0	16.5	17.0	21.0	18.5	19.5
19	10.5	9.0	9.5	13.5	11.0	12.0	18.5	16.5	17.5	20.0	18.0	18.5
20	11.5	10.0	10.5	15.0	12.0	13.5	19.5	17.0	18.5	18.0	16.5	17.0
21	---	---	---	15.5	14.0	14.5	20.5	18.0	19.0	18.0	15.0	16.5
22	---	---	---	17.0	14.5	15.5	19.5	18.0	18.5	19.5	16.0	17.5
23	---	---	---	16.5	14.0	15.0	19.0	17.0	18.0	21.0	17.0	19.0
24	12.5	10.0	11.5	16.5	15.0	15.5	18.5	15.5	17.0	22.0	19.0	20.5
25	12.0	10.5	11.0	16.5	16.0	16.0	19.0	16.0	17.5	22.5	20.0	21.5
26	11.0	10.0	10.5	16.0	15.0	15.0	20.5	17.5	19.0	22.5	20.5	21.5
27	10.0	8.0	9.0	16.5	15.0	15.5	22.0	19.0	20.5	22.5	20.5	21.5
28	8.5	7.5	8.0	17.0	16.5	17.0	22.0	20.0	21.0	21.5	19.5	20.5
29	---	---	---	16.5	15.0	16.0	22.0	20.5	21.5	22.5	19.0	20.5
30	---	---	---	15.0	13.5	14.0	22.0	20.5	21.0	22.0	19.0	20.5
31	---	---	---	14.0	13.5	14.0	---	---	---	21.5	20.5	21.0
MONTH	13.5	3.5	8.4	17.0	7.5	12.4	22.0	12.5	17.3	23.0	14.5	19.1

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.2	8.5	8.8	10.0	9.1	9.5	11.6	11.2	11.5	13.1	12.8	13.0
2	9.2	8.6	8.9	10.5	10.0	10.4	12.1	11.6	11.8	12.9	12.4	12.8
3	8.9	8.4	8.6	10.8	10.5	10.6	11.9	11.4	11.8	12.4	11.6	12.0
4	8.8	8.3	8.5	10.5	9.9	10.3	11.4	10.4	11.0	11.6	11.3	11.4
5	8.9	8.3	8.6	9.9	9.1	9.5	10.4	10.1	10.2	11.8	11.4	11.7
6	8.9	8.3	8.5	9.1	8.6	8.8	10.5	10.2	10.4	12.1	11.8	11.9
7	8.9	8.4	8.6	9.5	8.6	9.0	11.2	10.5	10.9	12.0	11.3	11.8
8	8.7	8.1	8.4	10.2	9.5	10.0	11.6	11.2	11.5	11.3	11.0	11.1
9	8.8	8.0	8.4	10.5	10.2	10.4	11.8	11.5	11.7	12.0	11.0	11.6
10	8.5	7.9	8.1	10.7	10.4	10.5	11.7	11.5	11.7	12.6	12.0	12.4
11	8.8	8.0	8.5	10.8	10.4	10.6	11.7	11.5	11.6	12.6	12.1	12.4
12	9.4	8.8	9.0	10.9	10.5	10.7	12.3	11.7	12.1	12.1	11.3	11.8
13	9.6	8.9	9.2	10.6	10.1	10.5	12.6	12.3	12.5	11.3	10.8	11.0
14	9.6	9.0	9.2	10.1	9.5	9.8	12.5	12.1	12.3	10.9	10.8	10.8
15	9.5	8.8	9.1	9.5	8.9	9.2	12.2	11.9	12.0	12.0	10.9	11.4
16	9.0	8.5	8.7	9.0	8.6	8.8	11.9	11.7	11.8	13.0	12.0	12.6
17	8.9	8.1	8.5	8.8	8.4	8.6	11.9	11.7	11.8	13.1	13.0	13.1
18	8.8	8.1	8.3	9.0	8.4	8.7	12.0	11.7	11.9	13.1	12.9	13.0
19	8.6	7.8	8.1	9.4	9.0	9.2	11.8	11.6	11.7	13.5	12.9	13.2
20	8.5	7.6	8.0	9.8	9.2	9.5	12.0	11.7	11.9	13.6	13.2	13.4
21	8.3	7.4	7.8	10.8	9.8	10.4	11.9	11.5	11.8	13.4	13.0	13.3
22	8.2	7.4	7.9	11.3	10.8	11.1	12.0	11.6	11.9	13.1	12.9	13.0
23	9.1	8.2	8.7	11.4	10.9	11.1	12.2	12.0	12.1	12.9	12.5	12.8
24	9.5	8.8	9.1	11.3	10.9	11.0	12.3	12.1	12.2	12.5	11.8	12.2
25	9.4	8.8	9.1	11.3	10.8	11.0	12.2	12.1	12.1	11.8	11.4	11.6
26	9.0	8.4	8.7	10.8	10.5	10.7	12.6	12.1	12.4	11.4	10.9	11.2
27	8.9	8.3	8.5	10.5	10.1	10.3	12.7	12.4	12.6	10.9	10.8	10.9
28	9.1	8.3	8.6	10.1	9.7	9.9	12.4	11.9	12.3	11.1	10.8	11.0
29	9.7	8.8	9.4	10.7	9.8	10.3	11.9	11.7	11.8	10.8	10.7	10.8
30	9.4	8.7	9.1	11.2	10.7	11.0	12.4	11.8	12.2	10.8	10.7	10.8
31	9.1	8.7	8.9	---	---	---	12.8	12.4	12.7	11.1	10.8	11.0
MONTH	9.7	7.4	8.6	11.4	8.4	10.0	12.8	10.1	11.8	13.6	10.7	12.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.1	11.3	11.2	10.9	11.0	9.4	9.0	9.2	8.8	8.6	8.7
2	12.0	11.5	11.8	11.0	10.7	10.9	9.5	9.3	9.4	9.3	8.6	9.0
3	12.3	12.0	12.2	10.8	10.6	10.8	9.4	9.2	9.3	10.0	9.3	9.7
4	12.2	11.8	12.0	10.7	10.5	10.6	9.3	9.0	9.2	10.3	9.9	10.1
5	11.8	11.2	11.5	10.5	10.3	10.4	9.3	9.1	9.2	10.4	9.9	10.2
6	11.2	10.8	11.0	10.4	10.2	10.3	9.1	8.9	9.0	9.9	9.4	9.7
7	10.9	10.6	10.8	10.3	10.1	10.3	9.2	8.9	9.1	9.5	8.8	9.3
8	10.6	10.5	10.6	10.1	9.8	10.0	9.6	9.1	9.4	8.8	8.7	8.8
9	10.5	9.8	10.3	9.9	9.7	9.8	9.5	9.3	9.4	9.1	8.7	8.9
10	9.9	9.7	9.8	10.1	9.9	10.0	9.3	9.0	9.2	9.1	8.8	8.9
11	10.9	9.9	10.4	10.7	10.0	10.4	9.1	8.7	9.0	9.0	8.7	8.8
12	11.4	10.9	11.2	11.0	10.7	10.9	8.9	8.7	8.8	8.9	8.4	8.7
13	11.4	10.9	11.1	11.1	10.8	11.0	8.7	8.2	8.5	8.8	8.4	8.7
14	11.2	10.9	11.1	10.8	10.4	10.7	---	---	---	8.9	8.6	8.8
15	11.4	11.1	11.2	10.4	10.0	10.3	---	---	---	8.6	8.0	8.4
16	11.4	11.1	11.3	10.2	9.9	10.1	---	---	---	8.1	7.8	8.0
17	11.3	11.0	11.2	10.6	9.9	10.3	---	---	---	8.2	7.9	8.1
18	11.0	10.5	10.8	10.5	10.0	10.3	---	---	---	8.5	8.1	8.3
19	10.6	10.3	10.5	10.3	9.7	10.0	9.5	9.2	9.4	8.7	8.3	8.6
20	10.4	10.0	10.3	10.0	9.4	9.7	9.6	9.3	9.5	9.1	8.6	9.0
21	10.1	10.0	10.0	9.6	8.9	9.3	9.5	9.3	9.4	9.4	9.0	9.2
22	10.3	10.0	10.1	9.4	8.8	9.1	9.6	9.3	9.4	9.2	8.6	8.9
23	10.1	9.7	9.9	9.4	8.8	9.0	9.9	9.4	9.7	8.8	8.2	8.5
24	9.9	9.6	9.8	9.2	8.6	8.9	10.2	9.8	10.0	8.4	8.0	8.2
25	10.4	9.8	10.1	8.6	8.4	8.5	10.0	9.6	9.9	8.2	7.8	8.0
26	10.5	10.3	10.4	8.8	8.4	8.6	9.7	9.2	9.5	8.0	7.6	7.8
27	11.0	10.5	10.7	8.8	8.4	8.7	9.4	8.8	9.2	8.0	7.6	7.8
28	11.4	11.0	11.2	8.4	8.2	8.3	9.1	8.8	9.0	8.4	7.8	8.1
29	---	---	---	8.7	8.3	8.5	8.9	8.6	8.7	8.4	8.0	8.2
30	---	---	---	9.0	8.7	8.9	8.8	8.6	8.7	8.5	8.0	8.2
31	---	---	---	9.2	9.0	9.1	---	---	---	8.2	7.9	8.0
MONTH	12.3	9.6	10.8	11.2	8.2	9.8	10.2	8.2	9.2	10.4	7.6	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 September 1994 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 374 ft above sea level (from topographic map). Prior to Oct. 8, 1992, at datum 1.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges, Jan 11 - 13, 16, 17, 19, 20, Mar. 23 - 25, June 10 - 20, 24 - 27, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	2.1	2.7	2.7	5.5	6.3	9.1	2.7	.93	3.7	1.4	1.4
2	2.0	1.6	2.8	3.0	5.0	7.7	8.3	2.5	1.2	2.8	1.3	1.4
3	1.8	1.6	2.9	4.7	4.7	23	7.8	3.8	1.8	2.2	1.3	1.5
4	1.6	1.6	3.0	14	4.5	15	7.3	8.0	10	2.0	2.0	1.5
5	1.4	3.6	6.0	7.6	5.9	11	7.2	4.9	5.1	1.9	2.4	1.3
6	1.4	2.8	4.0	5.9	7.0	9.8	7.0	3.7	11	1.9	3.2	1.6
7	1.5	2.1	3.2	5.2	6.0	8.9	6.6	2.9	8.9	1.6	1.9	1.6
8	1.5	1.9	3.0	4.9	6.5	8.2	6.2	3.8	7.9	1.4	1.6	1.4
9	1.4	1.8	2.7	4.4	6.7	7.7	6.1	2.9	10	1.3	1.4	1.3
10	1.2	1.9	2.8	4.0	8.6	11	6.0	2.7	6.9	1.2	1.2	1.3
11	1.1	1.9	2.6	4.0	27	9.7	5.6	2.4	6.4	1.1	1.0	1.3
12	1.2	1.8	2.0	15	20	8.4	5.6	2.2	5.9	1.1	1.0	1.3
13	1.0	1.8	1.8	10	13	8.0	5.7	2.1	5.2	1.6	1.0	1.2
14	1.1	1.9	2.5	7.3	9.7	7.7	5.2	2.0	4.7	1.5	1.2	1.2
15	1.1	1.6	3.5	5.8	8.3	7.1	6.0	1.8	4.3	1.2	1.7	1.2
16	1.0	1.8	2.6	6.7	7.2	6.6	7.9	1.8	3.7	1.1	58	1.2
17	1.2	1.7	2.3	6.6	6.4	6.4	5.9	1.6	3.1	1.1	36	1.2
18	1.0	1.5	2.2	6.4	6.1	6.2	5.3	1.6	2.6	.98	8.5	6.3
19	.94	1.6	2.2	7.0	5.5	6.2	4.9	1.6	2.3	1.2	5.6	3.5
20	.99	1.7	2.6	7.3	5.2	6.0	4.6	1.6	1.7	1.0	4.4	2.3
21	1.0	1.7	5.3	4.5	4.9	5.6	3.7	1.6	1.4	1.0	4.2	2.0
22	4.7	1.3	3.7	4.3	4.8	5.5	3.5	1.5	1.3	1.6	4.1	1.8
23	4.6	1.1	4.2	4.2	5.8	5.0	3.3	1.4	1.2	2.0	3.2	1.7
24	2.7	1.1	4.9	4.1	21	5.0	3.2	1.3	1.3	1.2	2.7	1.8
25	2.3	1.1	4.1	3.9	11	50	3.0	1.3	2.0	1.0	2.3	1.7
26	2.8	1.1	3.3	4.1	8.6	16	2.9	1.1	10	.94	2.1	1.6
27	2.8	4.5	2.9	3.8	7.1	12	2.9	1.5	6.0	1.2	1.9	1.4
28	2.7	4.6	2.7	9.4	6.3	10	3.3	1.2	8.8	2.3	1.7	1.4
29	2.7	3.2	3.4	8.5	---	21	3.0	1.1	19	1.3	1.6	1.3
30	9.8	2.8	3.1	7.1	---	13	2.8	1.1	5.6	1.1	1.5	1.4
31	4.0	---	2.7	6.3	---	10	---	1.0	---	1.1	1.5	---
TOTAL	66.43	60.8	97.7	192.7	238.3	403.3	159.9	70.7	160.23	46.62	162.9	51.1
MEAN	2.14	2.03	3.15	6.22	8.51	13.0	5.33	2.28	5.34	1.50	5.25	1.70
MAX	9.8	4.6	6.0	15	27	77	9.1	8.0	19	3.7	58	6.3
MIN	.94	1.1	1.8	2.7	4.5	5.0	2.8	1.0	.93	.94	1.0	1.2
CFSM	.26	.25	.39	.76	1.04	1.59	.65	.28	.65	.18	.64	.21
IN.	.30	.28	.45	.88	1.09	1.84	.73	.32	.73	.21	.74	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	6.06	6.05	7.45	11.1	14.1	13.6	8.16	5.21	4.35	2.83	4.12	2.59
MEAN	6.06	6.05	7.45	11.1	14.1	13.6	8.16	5.21	4.35	2.83	4.12	2.59
MAX	23.6	22.4	20.7	25.4	25.2	31.3	20.8	13.3	17.5	11.2	14.3	8.31
(WY)	1993	1986	1984	1982	1983	1991	1982	1984	1982	1989	1991	1981
MIN	1.19	1.55	1.44	2.96	4.06	3.38	3.14	1.95	1.29	.94	1.18	1.20
(WY)	1987	1985	1989	1992	1988	1988	1985	1988	1985	1988	1988	1985

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	3007.76	1710.68	
ANNUAL MEAN	8.24	4.69	
HIGHEST ANNUAL MEAN			7.11
LOWEST ANNUAL MEAN			12.2
HIGHEST DAILY MEAN			2.86
LOWEST DAILY MEAN	229	77	360
ANNUAL SEVEN-DAY MINIMUM	.75	.93	.42
INSTANTANEOUS PEAK FLOW	.93	1.0	.54
INSTANTANEOUS PEAK STAGE		298	888
ANNUAL RUNOFF (CFSM)	1.01	5.88	9.49
ANNUAL RUNOFF (INCHES)	13.71	.57	.87
10 PERCENT EXCEEDS	15	7.80	11.84
50 PERCENT EXCEEDS	2.9	8.7	12
90 PERCENT EXCEEDS	1.2	2.8	3.3
		1.2	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 September 1994.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1978 to September 1994 (discontinued).

pH: March 1978 to September 1994 (discontinued).

WATER TEMPERATURE: March 1978 to September 1994 (discontinued).

DISSOLVED OXYGEN: March 1978 to September 1994 (discontinued).

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, 9.9 units, June 10, 1994; 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, Jan. 20, 1994.

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, 154 microsiemens, Oct. 31; minimum, 60 microsiemens, Mar. 30.

pH: Maximum, 9.9 units, June 10; minimum, 6.0 units, Aug. 20.

WATER TEMPERATURE: Maximum, 30.5°C, June 18, 21, 22, July 4; minimum, 1.0°C, Jan. 20.

DISSOLVED OXYGEN: Maximum, 14.5 mg/L, Jan. 19, 20; minimum, 2.5 mg/L, Aug. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	122	112	114	135	121	124	120	93	115	115	115	115
2	126	111	115	138	121	124	119	88	113	115	114	115
3	118	110	112	143	121	126	119	95	115	115	109	114
4	126	109	113	137	119	123	118	96	114	114	114	114
5	122	109	111	140	118	121	117	115	116	114	100	111
6	115	108	109	124	119	119	117	113	117	114	112	114
7	111	108	108	127	119	121	120	116	118	114	98	111
8	127	107	111	122	119	120	119	115	118	114	102	112
9	129	107	110	133	119	121	118	114	117	115	101	113
10	109	107	108	138	119	123	117	111	116	114	104	112
11	123	107	109	136	119	121	117	108	115	114	103	112
12	111	107	108	127	119	121	117	115	116	114	111	113
13	108	107	107	120	119	119	123	115	116	114	109	113
14	109	106	107	138	119	122	123	115	117	113	112	113
15	116	106	107	145	118	124	119	115	115	113	100	111
16	129	105	112	137	115	122	118	115	116	113	86	103
17	111	110	110	145	120	123	116	115	115	112	98	110
18	123	110	112	144	119	124	116	115	115	112	95	107
19	130	111	114	122	119	120	115	115	115	111	94	107
20	133	114	118	121	119	120	117	115	115	111	94	107
21	146	116	123	141	119	121	115	112	115	111	100	107
22	121	116	117	144	119	125	118	115	115	110	99	106
23	137	116	119	119	119	119	115	111	114	110	102	108
24	132	119	122	120	119	120	115	112	114	110	101	108
25	128	121	122	138	119	122	115	115	115	111	109	110
26	144	121	125	149	119	126	115	115	115	111	105	109
27	135	121	124	134	119	122	115	115	115	111	104	109
28	141	121	124	143	119	125	115	115	115	110	105	109
29	146	122	127	134	108	121	115	115	115	109	103	107
30	138	121	124	120	94	114	115	106	114	109	97	108
31	154	122	129	---	---	---	117	105	113	109	76	104
MONTH	154	105	115	149	94	122	123	88	115	115	76	110

pH (STANDARD UNITS), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

pH (STANDARD UNITS), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	7.1	7.0	7.2	6.3	6.8	6.7	7.5	7.1	7.4	6.9
2	---	---	7.2	7.0	7.2	6.2	6.9	6.7	7.4	7.2	7.5	7.1
3	---	---	7.3	7.1	7.1	6.3	7.0	6.7	7.4	7.1	7.3	6.8
4	---	---	7.2	7.1	6.9	6.3	6.9	6.6	7.4	7.1	7.0	6.6
5	---	---	7.3	7.1	7.1	6.6	7.2	6.6	7.6	7.1	7.0	6.6
6	---	---	7.2	7.1	7.1	6.7	6.9	6.6	7.7	7.5	7.3	6.7
7	7.2	7.0	7.3	7.1	7.1	6.6	7.0	6.6	---	---	7.2	6.6
8	7.2	7.1	7.3	7.1	7.2	6.7	6.7	6.6	---	---	6.8	6.6
9	7.1	7.0	7.2	7.0	7.1	6.7	7.0	6.7	---	---	7.2	6.6
10	7.2	7.0	7.3	6.9	7.0	6.6	7.2	6.6	---	---	7.4	6.6
11	7.2	7.1	7.1	6.9	7.0	6.6	7.3	6.8	7.7	7.5	7.5	7.0
12	7.2	7.1	7.2	6.9	7.1	6.9	7.0	6.7	7.7	7.5	7.5	7.1
13	7.3	7.1	7.2	7.0	7.1	6.8	6.8	6.6	7.7	7.4	7.3	6.7
14	7.2	7.0	7.2	7.0	7.3	7.0	6.7	6.4	7.6	7.3	7.2	6.7
15	7.1	7.1	7.2	6.8	7.1	6.9	6.7	6.3	7.6	7.2	7.1	6.5
16	7.2	7.1	7.5	6.8	7.0	6.9	7.3	6.2	7.6	7.2	7.3	6.6
17	7.2	7.1	7.1	6.7	7.1	7.0	7.2	6.5	7.6	7.2	7.3	6.9
18	7.2	6.9	7.2	6.7	7.1	6.9	7.4	6.7	7.6	7.2	7.0	6.6
19	7.1	6.9	7.2	6.6	6.9	6.8	7.4	6.9	7.7	7.2	7.0	6.7
20	7.2	6.9	7.2	6.7	7.0	6.8	7.4	7.2	7.7	7.3	7.1	6.6
21	7.5	7.0	7.2	6.8	7.1	6.9	7.4	7.2	7.9	7.2	6.9	6.6
22	7.5	7.0	7.1	6.8	7.1	7.0	7.4	7.2	7.8	7.2	7.5	6.6
23	7.4	7.2	7.2	6.9	7.1	6.9	7.3	7.2	7.8	7.2	7.3	6.6
24	7.3	7.0	7.2	6.9	7.0	6.9	7.3	7.1	7.6	6.8	7.1	6.6
25	7.2	7.0	7.1	6.8	7.0	6.8	7.3	7.0	7.3	6.8	7.6	6.8
26	7.2	7.0	7.0	6.8	6.9	6.8	7.4	7.0	7.2	6.6	7.6	6.9
27	7.1	7.0	7.1	6.7	6.9	6.8	7.5	7.1	7.3	6.9	7.1	6.5
28	7.1	7.0	7.0	6.6	7.0	6.7	7.6	7.2	7.4	6.8	7.1	6.5
29	7.1	6.9	7.1	6.3	7.1	6.8	7.5	7.3	---	---	7.2	6.8
30	7.1	6.9	7.0	6.1	7.3	6.9	7.6	7.2	---	---	7.2	6.3
31	7.1	6.9	---	---	7.1	6.8	7.5	7.1	---	---	7.0	6.4
MONTH	7.5	6.9	7.5	6.1	7.3	6.2	7.6	6.2	7.9	6.6	7.6	6.3
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.3	6.4	---	---	8.8	6.9	8.9	6.9	7.6	6.5	7.4	6.6
2	7.0	6.5	---	---	9.4	6.9	9.3	6.9	7.2	6.6	7.3	6.6
3	6.7	6.3	---	---	9.4	7.0	9.8	7.3	7.6	6.6	7.1	6.8
4	7.2	6.5	7.5	7.0	9.2	6.8	9.6	7.1	7.1	6.4	6.9	6.6
5	7.1	6.6	7.3	6.9	9.2	6.9	8.8	7.1	7.1	6.3	6.8	6.5
6	6.8	6.5	7.1	6.6	9.3	6.8	9.2	7.1	7.3	6.4	6.8	6.6
7	7.7	6.6	7.0	6.5	9.7	6.6	8.3	7.1	7.7	6.6	6.8	6.6
8	7.4	6.9	7.9	6.5	9.7	6.8	7.9	7.1	8.4	6.7	6.9	6.7
9	7.4	6.6	7.8	6.7	9.2	7.0	9.2	6.9	7.7	6.7	7.2	6.7
10	7.0	6.5	8.3	6.7	9.9	7.1	8.7	6.9	8.3	6.7	8.2	6.8
11	7.5	6.6	8.7	6.8	9.8	7.2	9.1	6.9	8.6	6.7	8.3	6.8
12	7.5	6.5	8.8	6.8	9.7	7.2	8.0	6.9	8.0	6.7	8.4	6.8
13	6.7	6.2	9.0	7.0	9.6	7.2	7.2	6.7	7.9	6.7	7.0	6.7
14	7.6	6.6	9.0	7.4	9.4	7.0	7.9	6.8	8.1	6.6	7.5	6.7
15	7.2	6.5	8.9	6.9	8.7	7.0	7.3	6.8	7.4	6.5	7.2	6.7
16	7.1	6.4	9.0	7.0	9.3	7.0	8.8	6.8	7.3	6.6	7.3	6.7
17	7.3	6.5	9.1	7.2	9.4	6.9	7.2	6.7	7.0	6.5	6.9	6.7
18	7.4	6.4	8.7	7.3	9.6	7.1	9.3	6.7	6.9	6.6	6.9	6.7
19	7.0	6.3	8.6	7.3	9.5	7.0	8.4	6.9	7.0	6.3	6.9	6.7
20	7.6	6.5	8.3	7.2	9.7	6.9	8.5	6.9	7.6	6.0	7.0	6.8
21	7.7	6.5	8.8	7.1	9.4	7.1	7.5	6.7	7.0	6.1	7.0	6.8
22	7.8	6.6	8.7	7.2	9.7	7.1	6.9	6.7	7.9	6.2	7.2	6.9
23	7.8	6.5	8.3	7.1	7.4	7.0	7.3	6.7	8.1	6.4	7.0	6.8
24	7.7	6.4	7.9	7.0	7.1	6.9	7.2	6.8	8.6	6.5	7.0	6.8
25	8.0	6.4	8.5	6.8	8.9	6.9	7.0	6.7	8.1	6.7	7.0	6.8
26	6.8	6.4	8.5	6.7	7.3	7.0	7.0	6.7	7.8	6.7	7.0	6.8
27	8.5	6.3	9.5	6.7	7.4	7.0	6.8	6.7	7.9	6.8	7.0	6.8
28	8.2	6.5	9.5	7.0	7.7	7.1	7.0	6.7	8.1	6.8	7.0	6.8
29	8.1	6.4	9.0	6.9	7.5	7.1	7.1	6.6	7.3	6.7	7.2	6.9
30	---	---	9.2	7.0	8.6	7.0	7.8	6.7	8.5	6.7	7.2	6.8
31	---	---	9.0	7.2	---	---	8.3	6.6	7.9	6.7	---	---
MONTH	8.5	6.2	9.5	6.5	9.9	6.6	9.8	6.6	8.6	6.0	8.4	6.5
YEAR	9.9	6.0										

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.5	24.0	26.0	19.0	16.5	18.5	15.5	11.5	14.5	11.5	11.0	11.0
2	26.5	24.0	25.5	19.0	13.5	17.5	15.0	7.5	13.5	12.5	11.0	11.5
3	27.5	23.5	25.5	19.5	11.5	18.0	15.0	9.0	13.5	12.0	8.0	11.0
4	26.5	23.5	25.0	19.5	14.0	18.0	14.5	8.5	13.5	12.0	11.0	11.0
5	26.0	22.5	24.5	18.0	14.0	17.5	14.0	14.0	14.0	11.0	7.5	10.5
6	25.0	23.0	24.0	18.0	17.0	18.0	14.5	12.5	14.0	11.0	10.5	11.0
7	25.5	23.5	25.0	18.5	16.0	18.0	15.0	11.0	13.5	11.0	6.0	10.0
8	26.0	23.0	25.0	18.0	17.0	17.5	15.0	10.0	13.5	11.0	8.5	10.5
9	25.0	23.0	25.0	18.0	13.0	17.0	15.5	11.0	14.0	12.5	8.0	11.0
10	25.5	25.0	25.0	19.0	11.5	17.5	16.0	11.5	15.0	11.5	8.0	10.5
11	25.0	23.0	24.5	18.0	14.0	17.5	15.5	12.0	15.0	11.5	7.5	10.5
12	24.5	24.0	24.5	18.5	16.0	17.5	15.5	12.5	14.5	11.5	10.0	11.0
13	24.5	24.0	24.0	18.5	17.5	18.0	15.0	8.0	14.0	11.0	9.5	10.5
14	24.0	23.5	24.0	18.0	12.5	17.0	14.0	8.0	12.0	11.5	10.0	10.5
15	24.0	22.5	23.5	18.0	12.0	17.0	14.0	11.5	13.5	10.5	8.5	10.0
16	24.0	21.0	23.0	21.0	15.0	18.5	14.5	8.5	13.0	10.0	6.0	8.5
17	23.5	23.5	23.5	18.5	17.0	18.0	14.5	14.0	14.5	10.0	6.0	9.0
18	23.5	22.0	23.0	20.0	16.5	18.5	14.5	13.5	13.5	9.5	5.0	8.5
19	23.5	21.5	23.0	19.5	17.5	19.0	14.0	10.5	13.5	9.5	1.5	8.0
20	23.0	20.0	22.0	18.5	18.0	18.5	13.5	10.0	12.5	10.0	1.0	7.5
21	23.0	21.5	22.5	18.5	15.5	18.0	13.5	11.0	13.0	9.5	4.0	7.5
22	23.5	22.5	23.0	18.5	14.5	17.5	13.0	10.5	12.5	9.0	5.0	7.5
23	22.5	21.0	22.0	19.0	18.5	18.5	13.0	8.0	11.5	9.0	5.0	8.0
24	22.5	20.5	22.0	19.5	18.0	18.5	13.0	10.0	12.5	9.5	4.5	8.0
25	22.0	21.0	22.0	19.0	14.5	18.0	12.5	12.0	12.5	9.0	8.5	8.5
26	23.0	20.5	22.5	18.5	12.5	17.0	12.0	11.5	12.0	11.0	6.5	8.5
27	22.5	21.0	22.0	18.5	15.0	17.5	11.5	11.5	11.5	11.0	6.0	9.5
28	22.0	20.0	22.0	18.0	12.5	16.5	11.5	11.5	11.5	10.0	7.5	9.0
29	22.0	19.5	21.5	16.5	11.5	15.5	12.5	11.5	12.0	9.5	7.0	8.0
30	21.5	19.0	20.0	17.0	11.0	15.5	12.0	8.5	11.0	10.5	7.5	9.5
31	19.5	14.0	18.0	---	---	---	11.5	8.0	10.5	10.0	7.0	9.5
MONTH	27.5	14.0	23.3	21.0	11.0	17.6	16.0	7.5	13.1	12.5	1.0	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	7.0	8.0	12.0	8.5	10.5	18.0	14.5	16.0	22.0	19.0	20.0
2	8.5	7.0	8.0	11.0	9.0	10.5	16.0	14.5	15.5	23.0	20.5	22.0
3	8.5	6.0	7.5	10.5	8.0	10.0	15.5	14.0	15.0	22.5	20.0	21.5
4	8.5	6.0	7.5	10.5	9.5	10.0	17.5	15.0	16.0	21.5	19.5	20.5
5	8.5	7.0	8.0	11.0	10.0	10.0	16.5	13.5	16.0	22.0	17.5	20.0
6	9.0	7.5	8.5	12.5	10.0	11.0	16.5	14.5	15.5	20.5	19.0	20.0
7	---	---	---	11.0	10.0	10.5	18.5	15.5	17.5	20.5	18.5	19.0
8	---	---	---	12.5	10.0	10.5	19.0	16.5	17.5	21.5	18.5	20.0
9	---	---	---	12.5	10.5	11.5	18.0	15.5	17.0	22.5	19.5	20.5
10	---	---	---	13.5	11.0	12.0	17.5	15.5	16.5	21.5	19.5	20.5
11	10.5	10.0	10.5	13.5	11.0	12.0	19.0	16.0	17.5	22.0	19.5	20.5
12	10.0	9.0	10.0	13.5	11.5	12.0	18.0	14.5	16.5	22.5	19.0	20.5
13	10.0	8.0	9.0	12.5	10.5	11.0	17.0	13.5	15.0	24.0	20.0	22.0
14	9.5	7.5	9.0	12.0	10.5	11.5	---	---	---	23.5	20.5	22.0
15	9.0	7.0	8.5	12.0	10.5	11.5	---	---	---	23.5	20.0	21.0
16	11.5	7.0	9.0	12.5	11.0	12.0	16.5	13.0	15.0	24.0	20.0	22.0
17	12.0	7.5	9.5	12.0	11.5	12.0	16.5	12.0	13.0	25.0	21.0	23.0
18	12.5	8.5	10.5	11.5	10.5	11.0	15.0	11.5	13.5	26.0	21.0	23.0
19	13.0	9.0	11.0	12.0	11.5	11.5	15.5	12.5	14.5	23.5	21.5	23.0
20	12.5	10.0	11.5	13.0	11.5	12.0	16.0	12.0	14.0	23.0	21.0	22.5
21	12.5	10.0	11.0	13.5	11.5	12.0	17.0	11.5	14.0	23.0	20.5	22.0
22	12.5	10.0	11.5	16.0	11.5	14.0	16.0	13.0	15.0	23.0	20.0	21.5
23	12.5	9.0	11.0	14.5	11.5	13.0	17.0	14.0	15.5	23.0	20.5	21.5
24	12.5	8.5	10.0	15.5	12.0	13.5	---	---	---	23.0	20.5	21.5
25	11.5	9.5	10.5	16.0	13.0	14.5	---	---	---	23.0	20.5	21.5
26	11.5	9.5	10.5	17.0	13.5	15.5	---	---	---	23.0	20.5	21.0
27	12.0	10.0	11.0	17.0	12.0	13.5	---	---	---	25.5	20.5	23.0
28	11.0	9.0	10.5	18.0	12.0	15.0	---	---	---	26.0	22.0	23.5
29	---	---	---	17.5	14.5	16.0	22.0	18.0	19.5	24.0	21.0	22.5
30	---	---	---	17.0	15.0	15.5	22.0	18.5	20.5	25.0	21.5	23.5
31	---	---	---	16.0	14.5	15.0	---	---	---	24.5	22.0	24.0
MONTH	13.0	6.0	9.7	18.0	8.0	12.3	22.0	11.5	15.9	26.0	17.5	21.6

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.7	5.8	6.2	7.8	7.4	7.6	9.8	8.5	8.8	10.2	9.8	9.9
2	6.4	5.2	6.0	8.6	7.4	7.8	10.6	8.4	8.9	10.3	9.8	10.0
3	6.7	5.2	6.0	9.8	7.4	7.9	10.3	8.4	8.8	11.6	10.1	10.4
4	7.1	5.9	6.4	8.8	7.4	7.7	10.6	8.0	8.6	10.4	10.0	10.2
5	7.1	5.9	6.5	8.9	7.4	7.7	8.7	8.1	8.4	11.7	10.2	10.6
6	6.7	6.2	6.4	8.0	7.5	7.6	9.2	8.6	8.8	10.8	10.2	10.3
7	6.6	6.4	6.5	8.5	7.8	8.0	9.7	8.7	9.1	12.8	10.2	10.8
8	7.0	5.9	6.5	8.1	7.8	8.0	12.5	9.0	11.6	12.2	10.3	10.9
9	6.9	5.9	6.2	8.9	7.8	8.1	12.3	10.4	11.1	12.8	10.7	11.1
10	6.9	6.0	6.3	9.2	7.9	8.3	11.5	9.7	10.2	11.9	10.8	11.1
11	7.0	6.5	6.8	9.2	7.8	8.0	11.0	9.5	10.0	11.9	10.6	11.0
12	6.6	6.1	6.3	8.5	7.8	8.0	10.3	9.3	9.6	11.0	10.3	10.7
13	6.7	5.6	6.4	8.1	7.7	7.8	11.8	9.2	9.6	12.0	10.3	10.8
14	6.7	5.6	6.3	10.0	7.7	8.2	11.8	9.4	10.0	10.8	10.4	10.5
15	6.8	6.4	6.5	10.2	7.8	8.3	10.7	9.4	9.7	11.6	10.6	11.0
16	7.1	6.5	6.7	8.8	7.5	8.2	11.6	9.6	10.1	12.4	10.9	11.6
17	6.7	6.2	6.5	8.6	7.6	8.0	10.0	9.8	9.9	12.6	10.9	11.3
18	6.8	6.5	6.6	8.6	7.8	8.4	10.0	9.6	9.7	14.0	11.2	11.8
19	6.8	6.5	6.6	8.6	7.6	8.3	11.2	9.7	9.9	14.5	11.2	12.0
20	7.2	6.4	6.6	8.7	7.8	8.3	11.3	9.7	10.2	14.5	11.2	12.1
21	7.8	6.5	6.8	8.8	8.4	8.5	10.5	10.0	10.2	13.3	11.2	11.9
22	7.8	6.8	7.5	8.9	8.4	8.6	11.5	10.2	10.6	13.0	11.3	12.0
23	7.6	7.3	7.4	9.0	8.4	8.6	12.3	10.3	11.0	12.9	11.3	11.7
24	7.4	7.0	7.2	9.0	8.1	8.5	11.3	10.1	10.4	13.2	11.0	11.7
25	7.5	7.0	7.2	9.6	8.6	8.7	10.4	10.0	10.2	11.6	11.1	11.3
26	7.5	7.1	7.3	10.4	8.5	8.9	10.2	10.0	10.1	12.6	11.2	11.7
27	7.4	6.9	7.1	9.6	8.3	8.6	10.3	10.0	10.2	13.1	11.6	12.0
28	7.7	6.9	7.1	10.5	8.1	8.7	10.2	9.8	10.0	12.3	11.3	11.6
29	7.8	6.9	7.2	9.7	8.1	8.6	10.6	10.0	10.2	12.3	11.3	11.7
30	7.9	7.1	7.3	9.8	8.3	8.7	11.4	9.8	10.3	12.1	11.3	11.6
31	8.4	7.2	7.5	---	---	---	11.5	9.8	10.5	12.2	11.2	11.6
MONTH	8.4	5.2	6.7	10.5	7.4	8.2	12.5	8.0	9.9	14.5	9.8	11.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.2	11.2	11.6	11.7	10.7	11.1	9.5	8.9	9.1	10.4	7.9	8.6
2	12.0	11.5	11.7	11.4	10.7	11.0	9.2	8.9	9.0	10.1	7.6	9.1
3	12.3	11.4	11.8	11.3	10.7	10.9	9.1	8.6	8.8	9.6	8.3	9.2
4	12.4	11.2	11.6	10.9	10.5	10.8	9.3	8.8	9.0	9.2	8.3	8.9
5	11.8	10.9	11.3	10.9	10.6	10.7	9.2	8.6	8.9	9.3	8.4	8.8
6	11.7	10.9	11.3	11.0	10.6	10.8	9.1	8.6	8.8	9.1	8.3	8.7
7	---	---	---	11.0	10.5	10.7	9.5	8.3	9.0	9.0	8.2	8.7
8	---	---	---	10.9	10.3	10.6	9.2	8.6	9.0	10.3	8.3	9.2
9	---	---	---	11.1	10.0	10.7	9.5	8.4	8.9	10.3	8.8	9.5
10	---	---	---	11.0	10.0	10.5	8.9	8.5	8.7	11.3	8.4	9.6
11	11.5	11.1	11.4	11.2	10.0	10.7	9.7	8.4	8.9	12.1	9.0	10.2
12	11.6	10.9	11.3	11.3	10.6	10.9	9.7	8.2	8.9	11.9	8.4	9.4
13	11.6	10.8	11.4	11.2	10.5	10.7	9.0	8.5	8.8	11.7	8.7	10.2
14	11.8	11.0	11.5	10.9	10.6	10.7	10.1	8.2	9.0	12.6	9.6	10.6
15	11.5	10.1	10.8	10.9	10.3	10.5	9.5	8.1	9.0	12.0	8.6	9.4
16	10.5	9.8	10.2	10.8	10.3	10.6	9.2	8.2	8.7	11.2	8.3	9.6
17	10.2	10.0	10.1	10.8	10.2	10.5	9.3	8.0	8.6	10.9	8.5	9.6
18	10.1	9.9	10.0	10.5	10.0	10.2	9.4	8.3	8.9	10.1	8.6	9.4
19	10.0	9.6	9.8	10.5	10.1	10.2	9.3	8.3	8.8	10.2	8.7	9.7
20	9.7	9.5	9.6	10.6	9.9	10.1	9.6	8.1	8.8	9.8	8.8	9.4
21	10.3	9.5	9.8	10.3	9.7	10.0	9.7	7.9	8.8	10.5	8.7	9.7
22	10.6	9.9	10.3	10.6	9.5	10.1	9.5	8.0	8.9	10.6	9.0	9.7
23	11.0	10.3	10.6	10.4	9.7	10.0	9.6	7.9	8.8	10.2	8.2	9.3
24	10.9	10.5	10.7	10.0	9.0	9.7	9.6	8.0	8.7	9.4	8.2	8.7
25	11.0	10.2	10.6	10.4	8.9	9.8	10.3	8.1	8.8	9.4	7.1	8.2
26	11.0	10.5	10.8	10.1	8.6	9.5	9.3	7.8	8.5	9.4	7.2	8.0
27	11.0	10.9	10.9	9.7	8.5	9.2	10.6	7.8	8.8	11.1	7.1	9.1
28	11.3	10.8	10.9	9.6	8.3	9.3	10.2	7.8	8.9	11.3	7.8	9.4
29	---	---	---	9.7	7.9	8.9	10.8	7.7	8.6	10.4	7.1	8.4
30	---	---	---	10.4	8.9	9.3	10.3	7.6	8.4	9.7	7.4	8.5
31	---	---	---	9.4	9.1	9.2	---	---	---	9.1	7.1	8.1
MONTH	12.4	9.5	10.8	11.7	7.9	10.3	10.8	7.6	8.8	12.6	7.1	9.2

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 1984 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 sea level, (South Carolina Electric and Gas reference mark). Prior to May 7, 1968, datum was 47.17 ft higher.

REMARKS.--Reservoir is formed by a concrete gravity dam. Project was completed in 1914: Spillway crest elevation: 257.1 ft sea level, 1,850 acres. Maximum power pool is 266 ft sea level, 4,400 acres. Reservoir water is used for cooling of nearby fossil-electric plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 266.98 ft, July 8, 1988; minimum elevation, 254.65 ft, Aug. 21, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.51 ft, July 17; minimum elevation, 255.13 ft, June 14.

Capacity Table

Elevation, in feet (sea level)	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 SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261.84	264.18	258.82	260.22	260.09	260.28	260.92	261.63	263.91	261.30	260.02	264.41
2	262.36	260.33	260.74	259.75	261.64	260.67	260.76	261.34	262.15	260.16	263.41	263.26
3	261.81	260.40	260.82	258.11	260.43	260.47	260.66	260.94	263.02	261.48	262.61	264.08
4	263.60	260.19	260.80	259.04	260.64	260.69	261.57	260.67	263.47	258.87	262.74	265.08
5	263.20	257.80	260.35	258.85	259.35	261.20	258.57	259.34	261.38	260.44	262.88	265.31
6	263.00	256.76	259.34	260.07	258.72	260.08	260.05	261.33	262.21	263.32	262.13	263.22
7	262.55	258.61	262.19	258.66	258.41	261.77	259.03	261.20	261.26	264.22	260.70	262.32
8	260.37	262.37	263.46	260.44	258.98	260.94	259.97	261.67	263.97	263.29	260.22	261.44
9	260.94	260.69	262.92	260.18	260.66	261.61	260.52	261.55	259.03	262.59	258.82	260.87
10	261.37	257.48	261.19	261.94	262.49	263.13	261.12	261.86	260.01	262.26	261.91	262.29
11	259.98	259.53	261.59	260.37	262.60	264.35	260.99	263.42	261.67	263.20	261.50	262.64
12	260.37	260.55	260.06	261.27	263.35	261.69	260.72	263.90	261.03	263.33	263.33	262.67
13	260.77	261.38	260.88	262.00	262.11	258.28	261.05	258.93	260.97	264.78	261.70	263.63
14	261.63	260.46	258.67	261.64	262.12	260.11	260.91	261.19	264.21	264.56	261.89	263.20
15	262.05	262.41	261.03	261.37	261.66	260.53	262.37	261.83	264.07	264.67	261.87	261.88
16	259.92	261.03	260.09	256.77	261.91	260.93	260.90	260.91	263.37	264.31	259.07	263.42
17	260.52	261.53	260.90	260.07	261.21	260.70	261.62	260.89	262.49	265.15	259.85	264.05
18	263.06	260.36	262.80	262.99	260.87	260.28	263.61	260.03	261.20	263.44	260.78	263.42
19	263.60	261.65	261.11	259.06	260.70	259.78	261.74	259.74	261.22	262.29	261.11	260.16
20	260.33	262.20	260.13	262.79	259.94	259.55	263.75	261.66	264.90	262.48	261.69	260.42
21	261.10	261.44	259.16	261.68	260.40	260.69	262.95	261.17	264.79	264.31	260.68	259.93
22	260.31	261.24	260.92	262.05	260.14	260.14	259.76	261.63	265.50	262.03	261.37	262.16
23	262.20	261.38	258.26	263.30	259.06	263.41	259.88	261.45	263.61	262.82	261.00	262.27
24	261.93	261.64	257.76	262.47	259.21	264.77	258.99	263.35	261.61	263.39	262.77	263.65
25	260.78	261.37	258.37	262.06	260.02	265.08	259.97	261.97	260.93	264.29	261.73	261.53
26	261.69	262.42	258.69	260.57	259.50	265.47	264.82	263.82	261.55	260.66	262.23	262.88
27	261.49	261.75	258.34	263.54	259.06	262.30	263.46	262.90	261.18	258.93	263.95	261.53
28	261.20	259.85	257.95	262.31	260.74	260.46	263.75	262.42	261.38	259.44	264.42	260.08
29	260.33	261.09	263.70	261.21	---	260.34	264.82	263.14	260.01	261.46	263.19	261.58
30	262.06	261.07	263.03	259.73	---	259.93	259.92	260.44	259.79	261.48	263.14	259.50
31	259.63	---	259.85	261.80	---	260.82	---	259.23	---	260.22	264.07	---
MAX	263.60	264.18	263.70	263.54	263.35	265.47	264.82	263.90	265.50	265.15	264.42	265.31
MIN	259.63	256.76	257.76	256.77	258.41	258.28	258.57	258.93	259.03	258.87	258.82	259.50
(+)	2.97	4.37	3.17	5.10	4.04	4.12	3.23	2.61	3.11	3.52	7.79	2.85
(*)	-113	+72.2	-59.9	+96.3	-58.6	+3.99	-45.9	-30.9	+25.8	+20.5	+213	-255
CAL YR 1993	*	-6.02	MAX 264.76	MIN 256.76								
WTR YR 1994	*	-10.1	MAX 265.50	MIN 256.76								

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

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

SANTÉE 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 sea level.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 233.82 ft, Aug. 19; minimum elevation, 219.51 ft, Nov. 19.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	222.05	220.89	220.98	220.91	220.75	220.83	223.40	221.27	222.96	223.33	222.49	222.69
2	221.02	220.88	220.95	222.87	220.75	222.10	222.63	220.81	221.18	223.08	221.63	222.65
3	221.10	220.88	220.94	222.96	220.80	221.57	220.91	220.80	220.86	221.84	221.64	221.72
4	221.01	220.77	220.86	220.88	220.79	220.85	222.57	220.84	221.77	223.44	221.67	222.87
5	220.85	220.78	220.82	223.44	220.80	222.34	223.36	222.49	222.90	223.42	223.25	223.34
6	220.88	220.78	220.84	223.43	220.69	222.17	223.43	223.26	223.35	223.40	223.24	223.34
7	223.19	220.82	222.23	220.79	220.68	220.75	223.40	219.55	221.88	223.40	223.30	223.35
8	223.30	221.49	222.53	221.56	220.76	221.03	221.72	221.54	221.62	223.38	220.68	221.79
9	221.56	220.72	220.92	222.95	221.48	222.24	223.42	221.51	222.12	222.95	222.01	222.64
10	220.79	220.73	220.76	222.99	221.56	222.17	222.30	221.54	221.75	223.02	222.71	222.85
11	220.80	220.73	220.76	221.69	221.50	221.56	221.98	221.66	221.78	222.97	220.90	221.72
12	220.83	220.72	220.75	221.58	221.45	221.50	222.00	221.75	221.86	223.36	221.94	222.84
13	220.77	220.72	220.75	221.51	221.43	221.48	222.38	221.55	221.89	223.83	223.20	223.46
14	220.78	220.71	220.74	221.52	221.44	221.49	221.80	221.58	221.72	223.97	221.31	223.76
15	220.76	220.70	220.73	222.02	221.39	221.51	221.90	221.56	221.70	223.82	223.23	223.54
16	220.79	220.72	220.77	221.63	221.39	221.54	222.39	220.24	221.73	224.44	223.23	223.60
17	220.80	220.77	220.78	221.57	220.56	221.50	222.40	219.53	221.23	223.38	221.54	222.91
18	220.79	220.69	220.75	221.59	220.98	221.51	222.67	219.94	221.13	223.33	221.96	222.61
19	222.10	220.68	221.62	221.57	219.51	221.36	223.08	221.40	222.06	223.38	223.08	223.24
20	222.13	221.90	222.02	221.60	221.43	221.51	222.60	219.99	221.31	223.39	219.95	222.98
21	222.18	220.81	221.19	221.58	221.44	221.51	223.61	221.45	222.80	223.40	223.10	223.24
22	222.54	220.78	221.12	221.97	221.49	221.59	223.46	222.54	223.00	223.41	221.97	222.91
23	222.56	221.36	222.12	221.72	221.51	221.56	223.01	222.87	222.94	222.06	221.86	221.95
24	221.47	220.80	220.98	221.61	221.50	221.57	222.98	222.08	222.43	222.92	221.84	222.22
25	220.98	220.79	220.82	221.60	221.50	221.55	222.22	222.09	222.16	222.93	222.81	222.87
26	220.87	220.78	220.83	221.69	221.51	221.59	222.22	222.10	222.15	222.97	220.09	222.86
27	220.88	220.78	220.81	223.26	221.53	222.18	223.08	222.09	222.67	223.08	221.83	222.56
28	223.32	220.78	221.41	224.11	223.17	223.43	223.02	221.72	222.37	223.31	221.80	222.84
29	220.91	220.78	220.85	224.16	221.47	223.59	222.14	221.41	221.56	224.91	223.19	223.80
30	223.21	220.83	222.17	223.37	222.89	223.19	222.07	221.38	221.87	224.79	222.93	224.10
31	223.30	220.90	222.46	---	---	---	222.52	221.83	221.94	224.19	223.19	223.57
MONTH	223.32	220.68	221.17	224.16	219.51	221.76	223.61	219.53	222.02	224.91	219.95	222.93

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	223.47	223.16	223.38	224.85	222.00	223.09	225.45	221.75	223.56	222.19	221.97	222.08
2	223.45	220.07	223.23	228.47	223.34	225.85	223.91	222.79	223.22	222.22	222.00	222.11
3	223.38	222.49	223.02	230.21	223.43	227.18	223.90	223.15	223.37	223.01	222.01	222.69
4	222.69	222.52	222.57	227.97	225.75	226.61	223.65	223.23	223.41	223.34	221.98	222.94
5	223.39	222.54	222.91	225.77	222.52	224.42	223.44	220.26	223.19	223.11	222.92	223.02
6	223.40	222.10	222.61	223.66	221.27	223.31	223.40	220.90	223.04	223.09	222.59	223.00
7	223.08	222.07	222.67	224.00	221.43	223.28	223.39	223.20	223.31	222.69	222.03	222.47
8	223.09	222.90	223.02	223.50	223.06	223.34	223.39	220.03	223.14	222.23	221.99	222.11
9	223.08	220.82	221.62	223.44	221.10	223.16	223.45	223.31	223.39	222.20	222.00	222.09
10	223.39	222.03	222.73	224.37	223.19	223.50	223.43	222.13	222.61	222.17	221.99	222.09
11	223.39	223.13	223.27	224.16	220.23	223.28	223.35	222.05	222.78	222.62	222.02	222.41
12	224.19	223.18	223.51	223.33	223.07	223.26	223.45	222.07	222.43	222.67	222.36	222.54
13	224.26	223.43	223.79	223.37	221.01	223.24	223.44	222.10	222.98	222.69	220.19	222.29
14	225.21	223.60	224.27	223.40	222.24	223.28	223.41	220.88	223.28	222.31	222.06	222.16
15	224.41	223.26	223.65	223.46	222.00	222.84	223.38	222.97	223.26	222.22	222.00	222.11
16	223.36	223.18	223.28	222.22	221.96	222.05	223.47	223.27	223.36	222.27	222.01	222.13
17	223.38	223.17	223.27	222.97	221.97	222.55	223.47	223.29	223.37	222.26	222.01	222.14
18	223.40	220.57	222.45	223.05	221.20	222.94	223.98	221.64	223.32	222.27	219.84	221.84
19	223.08	221.93	222.61	223.10	222.90	222.96	224.97	223.17	223.78	222.25	221.69	222.04
20	223.08	222.91	223.00	223.03	222.08	222.54	223.47	223.10	223.32	222.22	220.96	222.11
21	223.18	222.92	223.01	222.16	220.14	222.06	223.44	221.20	223.23	222.19	221.98	222.11
22	223.18	222.95	223.03	222.18	220.04	222.09	223.47	222.03	223.33	222.22	221.57	221.81
23	223.45	222.97	223.13	222.45	221.97	222.13	223.41	222.55	223.04	221.82	221.53	221.70
24	227.00	223.13	224.40	223.17	222.32	222.42	222.66	222.53	222.58	221.86	220.89	221.34
25	229.10	223.39	225.76	224.16	222.57	223.16	222.70	219.98	222.30	221.68	220.97	221.20
26	224.87	223.54	224.01	223.25	223.00	223.18	222.27	221.54	221.86	221.72	221.47	221.60
27	224.21	223.29	223.67	224.29	223.13	223.61	222.92	221.66	222.28	221.73	221.50	221.62
28	223.51	221.36	223.30	226.32	221.94	224.09	223.61	219.95	222.83	222.07	221.58	221.73
29	---	---	---	228.55	223.41	226.38	223.09	222.74	222.89	222.19	221.95	222.06
30	---	---	---	229.57	226.11	228.19	223.06	222.07	222.45	222.61	222.02	222.38
31	---	---	---	228.60	224.05	226.40	---	---	---	222.62	221.47	221.94
MONTH	229.10	220.07	223.26	230.21	220.04	223.75	225.45	219.95	223.03	223.34	219.84	222.12
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	221.55	220.74	220.98	224.75	221.54	223.59	223.87	221.61	223.03	222.84	220.65	222.12
2	220.84	220.73	220.78	223.02	221.50	222.34	224.15	222.12	222.95	222.90	220.79	222.65
3	220.84	220.75	220.79	222.99	221.51	222.44	222.97	221.38	221.81	223.41	222.70	222.84
4	222.85	220.76	222.05	222.97	221.53	222.63	223.01	221.40	222.27	222.94	222.66	222.78
5	223.09	222.77	222.95	223.10	220.77	222.01	223.02	221.44	222.51	222.97	222.66	222.78
6	228.08	221.39	224.81	223.05	220.82	222.01	222.99	221.45	222.01	222.97	222.58	222.82
7	227.51	223.05	224.85	222.38	220.82	221.49	221.51	221.43	221.48	222.99	222.68	222.82
8	223.56	222.87	223.03	222.53	222.26	222.40	222.97	221.46	222.49	222.97	221.78	222.83
9	223.30	220.95	223.01	222.61	220.90	222.30	223.05	221.58	222.79	222.98	222.23	222.87
10	223.20	221.44	222.98	221.94	220.88	221.31	221.62	220.86	221.18	222.91	221.49	221.89
11	223.19	220.91	222.77	222.18	221.13	221.61	221.88	220.84	221.15	221.71	221.46	221.57
12	223.07	222.57	222.91	221.48	221.32	221.41	222.51	220.78	221.79	222.94	221.48	222.42
13	224.61	222.89	223.39	222.81	221.33	222.06	220.84	220.76	220.80	221.75	221.43	221.56
14	223.02	220.69	221.27	223.00	222.30	222.65	221.52	220.79	221.26	223.01	221.43	222.31
15	224.66	220.73	221.77	222.95	220.74	222.56	222.95	221.42	222.37	222.87	221.50	222.14
16	222.89	220.79	221.46	220.79	220.68	220.72	229.09	222.43	225.39	222.65	220.93	221.92
17	223.12	220.80	221.84	221.89	220.67	220.81	229.24	225.32	227.29	221.77	221.57	221.66
18	222.99	221.41	222.31	223.51	220.71	222.39	232.04	228.83	230.22	222.82	221.56	222.01
19	222.93	221.51	222.42	223.06	221.61	222.77	233.82	231.01	233.02	223.03	222.74	222.89
20	223.05	221.50	222.81	223.90	222.07	222.85	233.11	226.20	230.00	222.94	221.90	222.23
21	222.81	221.44	221.84	222.89	220.74	221.83	226.59	222.76	224.92	222.61	221.51	222.26
22	222.75	220.74	221.65	222.97	221.99	222.39	225.46	221.60	223.86	221.67	221.41	221.56
23	221.67	219.72	221.49	223.04	221.98	222.46	224.45	220.33	222.68	221.66	221.40	221.54
24	222.99	221.47	221.75	223.01	222.69	222.88	223.94	221.92	222.56	222.35	221.40	221.80
25	221.64	221.50	221.55	224.59	222.70	223.04	223.62	221.29	222.79	222.55	221.41	221.97
26	221.63	221.46	221.54	224.91	222.08	223.57	223.74	220.91	223.04	222.13	221.41	221.82
27	223.19	221.51	222.57	224.85	222.93	223.57	222.94	220.66	221.24	222.57	221.71	222.32
28	225.19	221.95	223.52	223.74	220.74	222.31	222.76	220.66	221.66	223.31	222.30	222.93
29	224.56	220.82	223.28	224.29	220.75	222.41	223.39	222.49	222.83	223.26	221.51	222.13
30	224.80	223.46	224.17	224.07	222.89	223.58	222.96	222.36	222.85	222.13	221.51	222.01
31	---	---	---	224.32	223.16	223.58	222.93	220.66	222.02	---	---	---
MONTH	228.08	219.72	222.42	224.91	220.67	222.39	233.82	220.33	223.43	223.41	220.65	222.25
YEAR	233.82	219.51	222.54									

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, 178 microsiemens, Sept. 11, 1994; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.

pH: Maximum, 8.3 units, July 24, 1977; minimum, 5.0 units, July 13, 1987.

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

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 178 microsiemens Sept. 11; minimum, 46 microsiemens, Aug. 19.

pH: Maximum, 7.9 units, Aug. 16; minimum 6.1 units, Mar. 25, 26.

WATER TEMPERATURE: Maximum, 29.5°C, June 22, 23; minimum, <0.5°C, Jan. 20.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 25; minimum, 4.4 mg/L, Aug. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	106	82	96	99	82	88	---	---	---	99	96	98
2	105	84	97	100	75	92	---	---	---	101	97	98
3	103	88	99	87	68	72	---	---	---	102	95	99
4	102	91	98	80	69	73	---	---	---	103	95	100
5	102	93	96	79	71	73	---	---	---	107	97	102
6	101	98	100	78	74	75	---	---	---	106	95	100
7	107	100	104	97	75	85	---	---	---	107	95	99
8	108	103	106	94	82	87	---	---	---	106	97	100
9	107	101	104	96	85	91	---	---	---	101	95	98
10	107	100	103	97	88	93	---	---	---	105	97	99
11	107	103	106	98	92	96	---	---	---	105	98	100
12	---	---	---	98	93	95	---	---	---	105	97	99
13	---	---	---	96	93	94	96	92	94	105	97	100
14	---	---	---	99	91	95	95	93	94	104	94	100
15	103	81	93	95	91	93	94	92	93	99	87	93
16	102	80	90	95	93	94	94	92	93	117	87	100
17	102	86	95	96	94	95	94	89	92	123	91	101
18	100	86	91	97	94	95	91	87	89	107	92	97
19	95	92	93	102	96	99	92	83	89	101	89	94
20	97	93	95	101	99	100	91	81	87	105	91	101
21	101	97	99	104	98	101	92	83	90	99	92	95
22	104	101	102	104	98	100	92	89	91	107	93	97
23	103	99	102	105	99	102	92	90	91	111	95	99
24	101	85	95	100	98	99	94	89	92	115	97	102
25	101	78	85	99	97	98	96	93	94	113	103	107
26	78	70	72	100	98	99	100	93	94	109	102	105
27	96	71	78	100	92	97	97	91	94	113	102	105
28	101	75	88	96	92	94	98	94	95	109	103	106
29	---	---	---	---	---	---	99	94	95	112	103	107
30	---	---	---	---	---	---	100	94	96	122	104	110
31	---	---	---	---	---	---	---	---	---	127	101	110
MONTH	108	70	95	105	68	92	100	81	92	127	87	101
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	117	104	111	99	73	81	93	72	79	109	102	104
2	116	103	108	106	80	89	98	83	91	108	98	103
3	119	108	111	98	82	91	100	91	96	111	102	105
4	113	103	107	99	85	94	99	95	97	107	101	104
5	129	102	112	100	85	94	106	97	99	104	100	102
6	118	90	109	---	---	---	109	96	101	103	92	101
7	90	71	80	---	---	---	103	99	100	116	91	102
8	97	70	79	101	98	99	112	99	107	105	91	99
9	98	80	90	100	95	99	113	99	105	106	91	98
10	91	82	87	101	97	99	113	99	104	141	96	102
11	98	86	93	101	95	98	113	101	106	178	97	114
12	99	90	94	100	96	98	115	96	106	119	101	108
13	99	90	96	101	96	98	112	100	106	167	99	114
14	99	96	97	103	91	98	118	103	111	115	105	110
15	99	98	98	102	93	97	126	101	112	117	102	106
16	102	98	99	100	92	97	143	100	111	117	102	106
17	103	99	100	101	98	99	126	64	84	119	101	108
18	118	100	108	109	97	101	64	50	57	113	102	107
19	124	106	114	114	96	101	51	46	48	122	103	109
20	118	102	107	114	99	104	56	47	52	139	101	111
21	107	101	103	109	99	101	71	51	59	126	106	114
22	105	101	102	108	99	102	93	62	76	120	104	110
23	110	101	103	111	100	103	116	86	100	119	106	109
24	113	102	105	105	100	102	122	86	100	132	106	111
25	111	102	104	101	97	99	---	---	---	114	106	109
26	118	105	111	109	98	100	125	95	107	123	105	110
27	132	100	111	100	90	96	104	94	99	126	107	112
28	125	101	109	98	84	88	114	97	104	127	107	114
29	111	101	104	100	85	91	103	94	99	119	99	109
30	105	79	93	109	89	100	117	90	102	112	106	109
31	---	---	---	90	74	82	110	101	104	---	---	---
MONTH YEAR	132 178	70 46	101 105	114	73	97	143	46	94	178	91	107

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.7	22.6	23.2	17.2	14.6	15.9	14.8	9.9	12.6	8.5	4.0	5.5
2	23.1	21.9	22.4	17.2	16.1	16.7	13.5	10.0	12.0	7.5	4.0	5.5
3	24.5	22.0	23.0	17.0	14.3	15.7	13.5	12.5	13.0	6.5	4.5	5.5
4	24.2	23.0	23.6	17.0	14.6	15.9	12.5	11.0	11.5	6.0	5.0	5.5
5	24.0	23.1	23.6	15.7	12.5	14.4	12.0	11.0	11.5	10.5	5.5	8.0
6	23.8	23.1	23.4	14.7	13.7	14.2	13.5	11.0	12.0	9.5	5.5	6.5
7	23.4	22.1	22.6	13.8	12.5	12.9	14.0	10.5	12.5	7.0	5.5	6.0
8	23.5	22.3	22.9	15.3	12.6	13.4	14.0	12.5	13.0	8.5	6.5	7.5
9	23.5	21.9	22.6	15.6	12.8	14.4	14.0	12.5	13.0	8.5	6.5	8.0
10	23.7	22.0	22.7	16.2	12.5	14.5	14.0	11.5	13.0	9.5	6.0	7.5
11	23.2	19.6	21.0	16.3	11.2	13.4	13.0	9.0	12.0	9.5	7.5	8.5
12	20.1	18.5	19.4	15.9	14.9	15.4	12.0	9.0	11.5	9.0	6.0	7.5
13	20.5	19.0	19.6	15.9	15.1	15.5	11.5	6.5	8.5	6.5	6.0	6.0
14	20.0	19.5	19.6	15.8	14.3	15.1	12.0	6.5	10.0	7.0	6.5	6.5
15	20.0	19.4	19.7	15.8	13.2	14.4	11.5	6.5	8.0	7.0	5.5	6.5
16	20.1	19.8	20.0	16.4	15.5	16.0	11.5	8.5	10.5	9.5	4.5	7.5
17	21.2	19.6	20.3	18.0	16.1	17.2	8.5	6.5	7.0	9.0	3.0	6.0
18	21.5	20.4	20.8	17.7	17.2	17.4	7.5	6.5	7.0	8.5	5.0	7.5
19	22.5	20.9	21.6	17.9	17.2	17.5	10.0	7.5	9.0	6.5	3.5	6.0
20	23.0	21.7	22.3	17.6	16.3	16.7	8.0	7.0	7.5	7.0	<0.5	4.0
21	23.3	22.0	22.5	16.3	15.4	15.9	9.5	6.5	7.5	7.0	3.0	5.5
22	22.7	19.7	21.2	15.4	14.1	14.6	11.0	6.5	9.0	7.0	2.0	5.0
23	20.8	19.1	20.0	16.4	14.8	15.6	11.5	6.0	9.0	7.0	4.0	5.0
24	20.9	20.3	20.6	16.1	14.5	15.3	9.5	4.5	6.0	6.0	3.5	5.5
25	20.5	19.8	20.2	14.5	13.4	13.9	5.5	4.5	5.0	4.0	2.5	3.0
26	20.5	19.9	20.2	13.4	12.7	12.8	5.0	4.0	4.5	5.5	3.5	4.5
27	20.8	19.6	20.1	14.2	12.7	13.7	8.0	4.0	5.0	7.5	4.0	5.5
28	20.3	19.3	19.8	13.8	10.6	12.3	6.5	5.5	6.0	8.5	7.5	8.0
29	19.3	18.4	18.7	15.5	9.6	11.6	9.5	5.5	6.5	8.0	7.0	7.5
30	19.9	17.5	18.2	14.5	9.6	12.8	9.5	7.5	8.5	8.0	7.0	7.0
31	19.9	14.7	17.5	---	---	---	9.5	8.5	9.0	9.0	6.5	7.5
MONTH	24.5	14.7	21.1	18.0	9.6	14.8	14.8	4.0	9.4	10.5	<0.5	6.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	6.5	7.5	10.5	9.0	9.5	---	---	---	24.0	20.5	22.0
2	8.0	6.0	7.5	10.5	8.0	9.5	---	---	---	23.0	20.5	21.5
3	8.5	5.5	7.5	9.0	7.0	7.5	---	---	---	22.0	19.5	20.5
4	8.5	5.5	7.0	9.0	7.0	8.0	---	---	---	20.0	18.5	19.0
5	8.0	6.0	6.5	10.0	8.5	9.0	---	---	---	19.5	18.0	18.5
6	7.0	5.5	6.5	11.0	9.5	10.0	---	---	---	20.0	18.0	19.0
7	9.0	6.5	7.5	11.5	11.0	11.0	---	---	---	20.5	19.0	19.5
8	9.0	8.0	8.5	12.5	11.5	12.0	---	---	---	20.5	19.0	19.5
9	11.5	8.5	10.0	13.5	11.0	12.0	---	---	---	22.0	19.5	20.5
10	11.0	8.5	10.0	13.5	11.5	12.5	---	---	---	22.0	20.0	21.0
11	9.5	9.0	9.5	12.0	10.5	11.5	---	---	---	22.0	20.0	21.0
12	---	---	---	12.0	11.0	11.5	---	---	---	23.0	20.5	21.5
13	---	---	---	11.5	10.5	11.0	18.5	16.5	17.5	22.5	20.0	21.0
14	---	---	---	12.0	10.5	11.0	20.0	16.5	18.0	23.0	20.5	21.5
15	9.0	6.5	7.5	13.0	11.0	12.0	19.5	17.0	18.0	23.5	21.0	22.0
16	9.0	6.5	7.5	13.0	11.5	12.0	19.5	16.5	18.0	24.5	21.0	22.5
17	9.0	7.0	8.0	12.5	11.0	11.5	20.0	17.5	19.0	24.0	21.5	22.5
18	9.5	8.0	9.0	12.5	11.5	12.0	20.0	18.0	19.0	23.5	21.0	22.0
19	10.0	8.5	9.5	14.0	11.0	12.5	19.5	17.5	18.0	23.0	21.0	22.0
20	11.0	9.5	10.0	15.5	12.0	13.5	20.5	17.5	19.0	22.0	20.5	21.0
21	11.5	10.5	11.0	15.0	13.5	14.0	21.0	17.5	19.5	21.5	20.5	21.0
22	11.5	10.5	11.0	15.5	12.5	14.0	20.5	18.0	19.0	22.5	20.5	21.5
23	12.0	10.5	11.0	15.5	14.0	14.5	19.5	18.5	19.0	22.5	21.5	22.0
24	12.5	10.5	12.0	15.5	13.5	14.5	21.0	17.5	19.0	23.5	21.5	22.5
25	11.0	10.0	10.5	15.5	14.0	15.0	21.0	18.5	19.5	23.5	22.0	23.0
26	10.5	10.0	10.0	16.5	13.5	15.0	21.0	19.0	19.5	23.5	22.5	23.0
27	10.5	9.0	9.5	17.0	15.0	16.0	21.5	19.0	20.0	24.5	22.0	23.0
28	11.0	8.5	9.5	17.5	13.5	16.0	23.0	19.0	20.5	24.0	22.0	23.5
29	---	---	---	---	---	---	23.5	19.5	21.0	24.0	22.5	23.5
30	---	---	---	---	---	---	23.5	19.5	21.5	24.5	22.5	23.5
31	---	---	---	---	---	---	---	---	---	24.5	22.5	23.5
MONTH	12.5	5.5	9.0	17.5	7.0	12.1	23.5	16.5	19.2	24.5	18.0	21.5

SANTÉE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.1	6.3	6.6	7.8	7.5	7.7	9.5	8.6	8.9	12.1	10.3	11.5
2	7.1	6.5	6.8	7.8	7.6	7.7	9.5	8.7	9.0	12.1	10.7	11.6
3	7.4	6.6	7.0	8.1	7.6	7.8	8.8	8.5	8.7	12.2	11.3	11.8
4	7.7	6.8	7.1	8.2	7.5	7.7	9.9	8.7	9.3	12.3	11.5	12.0
5	7.7	6.8	7.1	9.3	7.8	8.5	10.1	9.5	9.8	11.5	9.9	10.6
6	7.6	6.5	6.9	8.7	8.2	8.6	9.9	9.0	9.4	11.4	10.2	11.0
7	6.5	6.0	6.2	8.8	8.5	8.7	9.4	7.9	8.9	11.6	11.2	11.4
8	6.0	5.4	5.7	8.7	8.3	8.6	8.9	8.7	8.8	11.5	10.5	11.1
9	5.5	5.0	5.2	8.6	8.0	8.2	8.9	8.6	8.7	11.2	10.2	10.7
10	5.2	4.8	5.0	8.9	7.8	8.3	9.1	8.5	8.7	11.1	10.4	10.8
11	4.9	4.7	4.8	9.2	8.2	8.7	10.1	8.7	9.1	11.1	10.3	10.6
12	4.8	4.6	4.7	8.4	8.0	8.2	10.1	9.0	9.3	11.9	10.5	11.3
13	4.9	4.7	4.8	8.5	8.1	8.3	10.7	9.4	10.0	11.9	11.3	11.6
14	5.1	4.8	4.9	8.7	8.3	8.5	11.0	9.1	9.6	11.3	10.8	11.2
15	5.1	4.9	5.0	9.2	8.5	8.9	11.0	9.5	10.5	11.3	10.9	11.1
16	5.2	5.0	5.1	8.7	8.2	8.4	10.7	9.4	9.7	11.4	10.5	10.7
17	5.6	5.1	5.5	8.5	7.9	8.2	11.2	10.2	10.8	12.1	10.3	11.1
18	5.9	5.5	5.6	8.2	7.8	7.9	11.0	10.5	10.8	11.6	10.3	10.7
19	5.8	5.6	5.7	8.2	7.8	8.0	10.8	9.8	10.2	11.7	10.6	10.9
20	6.2	5.8	6.0	8.2	8.0	8.1	10.7	10.3	10.5	12.8	10.3	11.5
21	6.8	6.1	6.4	8.2	7.9	8.0	11.1	9.8	10.6	12.1	10.5	11.1
22	7.2	6.4	6.8	8.6	7.9	8.2	11.1	9.3	10.1	12.4	10.7	11.5
23	7.5	7.0	7.3	8.5	8.3	8.4	11.0	9.4	10.1	11.7	10.7	11.3
24	7.8	7.2	7.4	8.7	8.3	8.5	11.6	9.8	11.2	12.5	11.0	11.4
25	7.5	7.1	7.2	9.2	8.6	8.8	11.8	11.6	11.7	12.9	12.5	12.7
26	7.2	7.0	7.1	9.4	9.2	9.2	12.0	11.8	11.9	12.6	11.7	12.3
27	7.4	7.1	7.2	9.4	9.0	9.1	12.0	10.7	11.7	12.3	11.3	11.8
28	7.6	6.9	7.3	9.9	9.0	9.5	12.0	11.6	11.8	11.5	11.1	11.3
29	7.5	7.1	7.3	9.8	8.5	9.3	12.0	10.1	11.3	11.5	11.1	11.3
30	7.7	7.2	7.5	9.5	8.4	8.8	10.9	10.0	10.4	11.6	11.2	11.5
31	8.1	7.1	7.5	---	---	---	10.3	9.8	10.0	11.6	11.1	11.3
MONTH	8.1	4.6	6.3	9.9	7.5	8.4	12.0	7.9	10.0	12.9	9.9	11.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.0	11.2	11.0	10.3	10.8	---	---	---	7.9	7.1	7.5
2	11.6	11.1	11.3	11.1	10.5	10.8	---	---	---	7.6	7.0	7.4
3	11.8	11.2	11.4	11.4	10.6	11.1	---	---	---	8.1	7.2	7.7
4	12.1	11.3	11.6	11.5	11.1	11.3	---	---	---	7.7	7.2	7.5
5	12.4	11.4	12.1	11.2	10.1	10.8	---	---	---	8.3	7.6	7.9
6	12.3	11.8	12.0	10.8	9.3	10.5	---	---	---	8.7	8.0	8.3
7	11.8	11.4	11.6	10.5	9.6	10.4	---	---	---	8.0	6.8	7.1
8	11.4	11.1	11.2	10.4	9.8	10.1	---	---	---	6.9	6.6	6.8
9	11.1	10.6	10.8	10.3	9.7	10.0	---	---	---	6.9	6.6	6.8
10	11.1	10.5	10.8	10.4	9.7	10.1	---	---	---	6.9	6.4	6.6
11	11.1	10.7	10.9	10.3	9.8	10.1	---	---	---	6.6	6.3	6.5
12	---	---	---	10.2	9.8	10.0	---	---	---	6.5	6.2	6.3
13	---	---	---	10.4	9.3	10.1	8.9	8.3	8.6	6.5	6.1	6.3
14	---	---	---	10.7	10.1	10.4	8.9	7.8	8.4	6.6	6.4	6.5
15	11.6	11.0	11.3	10.7	10.3	10.5	8.9	8.0	8.6	6.9	6.6	6.7
16	11.4	10.8	11.1	10.3	10.1	10.2	8.8	8.1	8.4	7.0	6.7	6.8
17	11.5	10.9	11.1	10.4	10.0	10.2	8.4	8.1	8.2	7.0	6.8	6.9
18	11.3	10.9	11.1	10.4	10.0	10.3	8.8	8.0	8.4	7.0	6.8	6.9
19	11.2	10.9	11.1	10.3	10.1	10.2	8.8	8.4	8.6	6.9	6.8	6.8
20	11.1	10.9	11.0	10.2	10.0	10.0	8.8	7.9	8.4	6.8	6.6	6.7
21	10.9	10.5	10.6	10.0	9.5	9.8	8.8	7.9	8.5	6.8	6.6	6.7
22	10.7	10.2	10.5	9.9	9.2	9.7	8.8	7.8	8.4	7.4	6.7	6.8
23	10.7	10.1	10.4	10.0	9.0	9.5	8.8	8.0	8.2	6.9	6.6	6.8
24	10.4	9.8	10.1	9.9	9.4	9.7	8.4	8.0	8.2	7.5	6.8	7.1
25	10.7	10.0	10.4	9.8	9.3	9.5	8.3	8.0	8.2	7.4	6.8	7.1
26	10.7	10.4	10.6	9.7	9.0	9.4	8.2	7.6	7.9	7.2	6.5	6.9
27	10.9	10.5	10.8	9.5	8.8	9.1	8.1	7.6	7.8	7.3	6.4	6.8
28	11.0	10.5	10.8	9.6	8.4	8.9	8.1	7.4	7.7	7.7	6.7	7.1
29	---	---	---	---	---	---	8.1	7.2	7.8	7.2	6.9	7.0
30	---	---	---	---	---	---	8.2	6.8	7.6	7.4	6.7	7.0
31	---	---	---	---	---	---	---	---	---	7.3	6.5	6.8
MONTH	12.4	9.8	11.0	11.5	8.4	10.1	8.9	6.8	8.2	8.7	6.1	7.0

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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Nov. 23 - 25, Dec. 27, 28, Jan. 1 - 4, 7, 11 - 18, 30, 31, Aug. 20 - 22, Sept. 18 - 21, which are poor. Regulation at low and medium flow by powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1480	1470	5470	4380	6810	6680	10700	3090	1660	11900	6000	3610
2	1430	3500	2060	4600	6110	18800	7960	3130	1390	4240	5610	4640
3	1440	2880	1440	4500	5520	25900	8550	4540	1390	4120	3030	5840
4	1380	1420	2760	6600	4130	24000	8680	5310	3510	4830	3900	5100
5	1350	4250	5060	6490	5000	15300	6420	5540	5390	3350	4370	4940
6	1380	4230	6540	6460	4560	9020	5860	5540	14900	3560	3470	5020
7	3810	1340	3350	6500	4430	8580	6520	4170	17900	2310	2220	5010
8	4480	1580	2180	3120	5450	7360	6110	3150	7020	4080	4250	5090
9	1590	3510	5740	4370	2670	6150	6730	3120	7190	4060	5220	5170
10	1370	3670	3460	5020	4680	8420	4680	3110	6130	1910	1860	2960
11	1380	2230	2810	3100	6450	8160	4860	3820	5330	2510	1730	2170
12	1370	2170	3470	4900	8970	6470	4090	4180	5890	2150	2800	4110
13	1370	2150	5030	8000	11900	6290	5340	3610	9110	3290	1460	2230
14	1350	2170	2430	13000	14100	6400	6390	3190	2390	4700	1940	3760
15	1350	2210	2660	8500	10200	5400	6270	3070	3020	4600	4040	3490
16	1370	2230	2800	7000	6190	3110	6590	3150	2670	1410	17200	2950
17	1390	2180	3570	5500	6090	4280	6640	3160	3190	1540	26500	2300
18	1370	2190	3130	4300	4170	5390	7260	2600	3960	5800	37600	3140
19	2400	2050	6100	6070	4260	5410	11200	2890	4050	5080	49400	2700
20	2990	2130	3040	5420	5290	4430	6740	3100	5200	5190	37800	3800
21	1950	2140	5520	6060	5370	3190	6170	3070	2800	3250	18100	2700
22	1810	2240	5430	5380	5420	3210	6450	2560	2480	4060	11600	2310
23	3470	2190	5180	2860	5760	3280	5810	2290	2160	4080	9460	2230
24	1630	2190	3940	3380	12400	4040	4350	1910	2650	5280	6720	2700
25	1410	2180	3180	5000	20800	6200	3720	1670	2220	5790	7060	3120
26	1410	2210	3150	5020	13300	6080	2660	2180	2210	8120	7890	2680
27	1400	3460	4500	4350	10700	9920	3510	2190	4520	8060	2480	3690
28	2520	7650	4200	5030	7740	11600	5060	2330	9780	4850	2830	5220
29	1430	10600	2220	10200	---	22000	5160	2980	9390	5190	5050	3520
30	3860	6170	2650	12000	---	29900	4080	3770	14800	7920	5200	2990
31	4270	---	2780	9500	---	23200	---	3190	---	7930	3610	---
TOTAL	61210	90590	115850	186610	208470	308170	184560	101610	164300	145160	300400	109190
MEAN	1975	3020	3737	6020	7445	9941	6152	3278	5477	4683	9690	3640
MAX	4480	10600	6540	13000	20800	29900	11200	5540	17900	11900	49400	5840
MIN	1350	1340	1440	2860	2670	3110	2660	1670	1390	1410	1460	2170
CFSM	.41	.63	.78	1.26	1.55	2.08	1.28	.68	1.14	.98	2.02	.76
IN.	.48	.70	.90	1.45	1.62	2.39	1.43	.79	1.28	1.13	2.33	.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	4633	4819	6286	8199	9166	10370	7322	5501	4031	3241	4161	2661		
MAX	17360	14500	14020	17790	16960	21560	13290	12550	6713	6516	9690	3640		
(WY)	1991	1993	1984	1993	1990	1993	1983	1984	1992	1984	1994	1994		
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 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1981 - 1994
ANNUAL TOTAL	2758820	1976120	
ANNUAL MEAN	7558	5414	5853
HIGHEST ANNUAL MEAN			9649
LOWEST ANNUAL MEAN			3100
HIGHEST DAILY MEAN	46900	49400	106000
LOWEST DAILY MEAN	1340	1340	242
ANNUAL SEVEN-DAY MINIMUM	1370	1370	797
INSTANTANEOUS PEAK FLOW		52100	119000
INSTANTANEOUS PEAK STAGE		18.42	26.94
ANNUAL RUNOFF (CFSM)	1.58	1.13	1.22
ANNUAL RUNOFF (INCHES)	21.43	15.35	16.60
10 PERCENT EXCEEDS	17400	9420	11600
50 PERCENT EXCEEDS	4060	4180	3940
90 PERCENT EXCEEDS	1460	1890	1470

SANTÉE RIVER BASIN

02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

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

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--October 1980 to 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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 1 - 3, Feb. 21 - 24, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	3.0	4.8	5.0	18	22	15	2.8	1.1	7.1	8.5	3.1
2	1.3	2.2	4.7	10	15	603	13	2.5	1.1	5.1	4.6	3.0
3	1.4	2.2	4.3	14	13	136	12	3.7	1.4	4.0	3.6	3.5
4	1.3	2.4	4.5	169	12	43	11	26	13	3.6	4.1	3.3
5	1.2	8.2	25	34	16	30	9.7	13	6.3	20	3.4	2.8
6	1.1	9.6	12	21	22	25	9.7	5.8	19	33	3.0	2.8
7	1.2	3.6	7.4	17	16	22	8.9	4.2	31	9.3	2.8	3.0
8	1.3	2.9	6.1	15	17	20	7.2	4.5	10	6.9	2.6	2.6
9	1.3	2.8	5.5	12	19	18	7.2	3.4	14	4.5	2.4	2.5
10	1.2	2.8	5.6	10	27	26	7.3	2.8	5.8	3.6	2.3	2.3
11	1.0	2.7	6.5	9.6	155	22	6.8	2.7	5.6	3.2	2.2	2.3
12	1.2	2.5	5.0	149	131	16	6.7	2.5	3.4	3.4	2.3	2.2
13	1.5	2.5	4.1	51	51	14	7.3	2.2	2.7	3.1	2.1	2.1
14	1.5	2.7	3.9	28	35	14	6.0	2.0	2.6	3.4	2.0	1.9
15	1.7	2.8	4.9	19	29	12	8.7	2.0	2.5	2.8	35	1.9
16	1.6	2.8	5.0	15	25	10	24	1.9	2.2	2.5	101	1.8
17	1.8	3.0	4.2	15	21	8.7	12	1.6	5.9	2.4	842	1.9
18	1.9	3.1	4.0	24	19	8.8	7.7	1.5	2.8	17	46	11
19	1.6	3.2	3.7	19	17	7.8	6.3	1.4	2.1	48	19	7.2
20	1.5	3.2	4.0	20	15	7.2	5.5	1.4	1.7	20	11	2.7
21	1.5	2.9	24	13	14	7.1	4.7	1.5	1.6	17	34	2.4
22	2.7	2.9	13	13	14	6.8	4.4	1.4	1.5	8.1	54	2.3
23	5.4	3.0	11	11	40	6.1	4.0	1.3	3.7	9.7	20	2.2
24	2.6	3.2	23	10	290	6.7	3.7	1.2	1.7	19	14	2.4
25	2.1	3.3	14	9.4	53	20	3.6	1.7	3.5	7.0	11	2.5
26	2.0	3.0	9.1	9.0	30	12	3.4	1.2	1.9	4.4	7.0	2.8
27	2.1	15	6.9	8.4	24	9.6	3.2	2.8	61	4.4	6.1	2.3
28	2.1	22	5.9	74	22	9.4	6.1	1.4	23	11	5.0	2.1
29	2.1	7.8	6.6	44	---	44	3.7	1.2	48	7.1	4.3	2.1
30	18	5.6	6.3	26	---	24	3.0	1.1	14	4.4	3.7	1.9
31	6.9	---	5.2	22	---	17	---	1.1	---	4.2	3.4	---
TOTAL	75.3	136.9	250.2	896.4	1160	1228.2	231.8	103.8	294.1	299.2	1262.4	86.9
MEAN	2.43	4.56	8.07	28.9	41.4	39.6	7.73	3.35	9.80	9.65	40.7	2.90
MAX	18	22	25	169	290	603	24	26	61	48	842	11
MIN	1.0	2.2	3.7	5.0	12	6.1	3.0	1.1	1.1	2.4	2.0	1.8
CFSM	.10	.18	.32	1.13	1.62	1.55	.30	.13	.38	.38	1.60	.11
IN.	.11	.20	.36	1.31	1.69	1.79	.34	.15	.43	.44	1.84	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	MEAN	25.3	22.0	25.4	44.0	53.1	50.3	21.7	12.7	6.30	10.0	17.8	5.12
MAX	135	102	107	130	107	130	49.6	67.7	16.2	68.4	73.6	18.4	
(WY)	1991	1993	1984	1993	1990	1993	1983	1984	1989	1989	1991	1986	
MIN	1.18	1.45	3.86	5.08	11.8	5.62	4.57	3.30	1.15	1.06	.90	.000	
(WY)	1988	1982	1989	1981	1986	1985	1985	1988	1988	1988	1983	1983	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	12826.7	6025.2	
ANNUAL MEAN	35.1	16.5	
HIGHEST ANNUAL MEAN			24.4
LOWEST ANNUAL MEAN			51.6
HIGHEST DAILY MEAN	1200	842	1810
LOWEST DAILY MEAN	1.0	1.0	.00
ANNUAL SEVEN-DAY MINIMUM	1.2	1.2	.00
INSTANTANEOUS PEAK FLOW		2320	**5470
INSTANTANEOUS PEAK STAGE		7.66	9.39
ANNUAL RUNOFF (CFSM)	1.38	.65	.96
ANNUAL RUNOFF (INCHES)	18.71	8.79	12.99
10 PERCENT EXCEEDS	52	25	41
50 PERCENT EXCEEDS	5.9	5.4	6.1
90 PERCENT EXCEEDS	1.8	1.7	1.4

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

** From rating curve extended above 1200 ft³/s.

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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Feb. 7 - 8, Mar. 30 - 31, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	4.1	7.6	8.8	29	15	24	2.1	4.0	6.5	4.4	5.0
2	1.0	2.4	6.5	14	21	473	18	2.1	4.0	4.0	6.0	4.9
3	1.0	1.8	5.9	17	17	161	14	2.6	4.4	3.3	3.9	4.8
4	1.0	1.5	5.8	158	15	62	12	48	5.7	3.0	17	4.8
5	1.0	2.5	12	49	17	37	10	37	9.9	3.9	9.7	4.6
6	1.0	4.3	12	26	44	26	9.1	17	7.9	5.2	11	4.4
7	1.0	3.3	8.1	17	30	21	8.8	11	44	37	5.2	4.5
8	1.1	2.5	6.7	15	50	18	7.2	10	12	7.7	3.6	4.4
9	1.1	2.1	6.2	12	60	16	6.6	10	8.3	5.5	2.8	3.9
10	1.1	2.0	6.2	10	46	289	6.3	7.8	6.1	3.5	2.3	3.6
11	1.1	2.1	13	9.1	151	125	6.2	7.2	20	2.8	99	9.0
12	1.5	2.1	10	274	154	51	5.8	7.0	7.2	2.5	97	5.1
13	1.5	2.2	7.8	89	72	34	5.7	6.3	4.7	2.5	22	4.0
14	1.7	2.2	7.3	42	44	30	5.6	6.0	3.6	2.6	12	3.6
15	1.9	2.3	29	25	30	24	5.2	6.1	3.0	2.3	50	3.4
16	1.9	2.8	17	15	24	19	6.0	9.1	2.8	2.2	316	3.2
17	2.0	2.9	11	13	19	15	5.8	7.9	3.9	2.0	273	3.2
18	2.3	3.0	9.1	55	17	14	5.0	6.2	3.8	2.0	52	55
19	2.5	2.9	8.2	29	15	13	4.5	5.5	2.9	2.0	65	48
20	2.2	3.0	8.0	29	14	12	4.3	5.0	2.5	3.2	160	14
21	2.2	3.2	43	16	13	11	4.0	4.6	2.4	4.0	88	8.7
22	3.0	3.3	24	15	12	10	3.7	4.6	2.2	3.7	94	6.9
23	9.8	3.0	22	13	14	9.4	3.7	4.6	2.1	5.1	25	5.7
24	4.5	2.9	37	12	388	9.3	3.6	4.6	2.1	4.3	13	6.3
25	2.9	2.9	21	11	96	300	3.5	4.7	2.0	3.1	8.7	9.7
26	2.3	2.9	14	10	42	92	3.4	6.2	2.0	2.6	6.6	26
27	2.2	108	11	11	24	43	3.3	5.1	6.6	2.4	5.8	10
28	3.0	73	9.6	92	17	32	3.2	5.9	11	8.2	5.8	6.9
29	3.6	20	10	68	---	178	2.6	4.8	23	20	5.5	5.8
30	158	11	12	42	---	80	2.2	4.2	17	23	5.5	5.0
31	14	---	9.8	41	---	40	---	4.2	---	6.6	5.4	---
TOTAL	234.4	282.2	410.8	1237.9	1475	2259.7	203.3	267.4	231.1	186.7	1475.2	284.4
MEAN	7.56	9.41	13.3	39.9	52.7	72.9	6.78	8.63	7.70	6.02	47.6	9.48
MAX	158	108	43	274	388	473	24	48	44	37	316	55
MIN	1.0	1.5	5.8	8.8	12	9.3	2.2	2.1	2.0	2.0	2.3	3.2
CFSM	.15	.19	.27	.82	1.08	1.49	.14	.18	.16	.12	.97	.19
IN.	.18	.21	.31	.94	1.12	1.72	.15	.20	.18	.14	1.12	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1994, BY WATER YEAR (WY)

	MEAN	21.8	20.9	34.0	83.0	71.9	103	61.2	28.2	30.0	26.0	21.2	14.6
MAX	164	107	162	239	200	298	185	121	183	164	73.3	75.6	75.6
(WY)	1991	1977	1982	1978	1973	1980	1969	1978	1973	1975	1967	1987	1987
MIN	3.77	3.08	4.97	9.74	14.2	11.2	6.78	5.02	2.82	1.29	1.84	.71	.71
(WY)	1969	1975	1989	1986	1986	1985	1994	1986	1986	1986	1988	1986	1986

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1967 - 1994
ANNUAL TOTAL	15818.16	8548.1	
ANNUAL MEAN	43.3	23.4	44.1
HIGHEST ANNUAL MEAN			76.8
LOWEST ANNUAL MEAN			17.4
HIGHEST DAILY MEAN	1500	473	2520
LOWEST DAILY MEAN	.96	1.0	.07
ANNUAL SEVEN-DAY MINIMUM	1.0	1.0	.09
INSTANTANEOUS PEAK FLOW		943	4870
INSTANTANEOUS PEAK STAGE		8.01	18.42
INSTANTANEOUS LOW FLOW		.92	.07
ANNUAL RUNOFF (CFSM)	.89	.48	.90
ANNUAL RUNOFF (INCHES)	12.03	6.50	12.26
10 PERCENT EXCEEDS	90	50	74
50 PERCENT EXCEEDS	7.8	6.9	14
90 PERCENT EXCEEDS	1.5	2.2	3.5

* Also occurred on Oct. 2 - 7, 1993

Santee River Basin

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC

LOCATION.--Lat 34°01'38'', long 81°02'31'', Richland County, Hydrologic Unit 03050106, on left bank, 15 ft upstream from culvert opening at North Main Street in Columbia.

DRAINAGE AREA.--5.67 mi².

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Datum of gage is 199.10 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Jan. 28 to Feb. 3, July 4 - 11, 15, 16, Aug. 24 to Sept. 8, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	4.0	3.5	20	5.3	17	4.3	3.0	1.7	7.0	8.0	6.0
2	1.4	3.3	3.4	6.7	4.9	85	4.0	1.8	5.4	6.7	3.4	4.6
3	1.3	3.2	3.2	34	4.7	12	3.7	40	1.8	6.5	3.6	4.2
4	1.3	8.3	6.9	22	4.7	8.9	3.6	27	51	25	2.8	5.4
5	1.2	13	19	6.5	13	7.7	3.5	3.0	21	9.1	5.3	7.0
6	1.6	3.6	3.7	5.5	5.2	6.7	3.6	2.5	39	6.8	3.1	4.5
7	1.5	2.9	3.9	5.0	4.7	6.4	3.6	2.2	5.9	6.1	2.4	4.0
8	1.5	2.9	3.3	4.9	23	6.1	2.9	11	27	4.9	2.3	3.1
9	1.4	2.7	3.2	4.4	7.0	6.2	3.0	2.4	4.3	3.8	2.2	2.4
10	1.5	2.6	20	4.2	12	23	2.9	2.3	5.6	2.9	2.3	2.2
11	1.4	2.6	5.7	4.2	20	6.2	2.8	2.3	3.6	2.2	8.3	2.2
12	1.6	2.6	3.8	66	7.6	5.4	3.0	2.1	3.2	2.1	2.3	2.2
13	1.6	2.5	3.5	7.7	6.4	5.0	5.4	2.1	2.9	8.7	31	2.3
14	1.7	2.6	29	6.5	5.5	5.7	2.9	2.1	3.0	2.6	3.9	2.2
15	1.9	2.8	6.1	5.5	5.3	4.7	3.1	4.6	3.5	2.0	18	2.1
16	4.3	2.9	4.4	5.0	5.0	4.3	4.1	4.6	3.2	1.9	38	2.2
17	2.1	3.3	3.9	23	4.8	4.0	2.6	2.2	22	1.8	9.6	2.2
18	2.0	3.7	3.7	8.6	4.7	4.1	2.6	1.9	3.8	1.8	7.7	181
19	1.6	3.7	3.6	5.9	4.6	3.8	2.7	1.7	3.4	1.9	5.2	7.3
20	1.6	3.6	15	5.3	4.4	3.5	2.6	1.7	3.2	5.7	6.4	4.8
21	1.8	3.3	6.9	5.3	4.6	3.5	2.4	1.8	3.1	3.1	45	4.0
22	35	3.4	5.4	5.0	4.4	3.4	2.5	1.7	2.9	18	6.7	3.5
23	3.0	3.5	15	5.0	100	3.2	2.3	1.8	2.8	5.3	4.6	3.3
24	1.9	3.6	4.9	5.0	105	7.4	2.3	1.8	6.9	11	4.2	33
25	1.9	3.5	4.4	4.7	12	71	2.3	1.8	3.9	2.7	3.8	4.2
26	3.1	3.6	3.8	5.7	8.7	6.3	2.2	2.1	3.7	2.0	3.5	3.7
27	2.0	114	3.8	5.4	7.3	5.2	2.1	2.2	180	33	3.4	3.3
28	2.2	7.3	3.7	43	6.9	11	2.0	1.6	19	4.1	3.5	3.0
29	8.9	4.6	8.1	7.0	---	32	1.9	1.5	12	19	4.0	3.0
30	161	3.8	3.6	12	---	5.7	1.9	1.6	7.5	5.4	6.0	2.8
31	5.8	---	3.5	5.9	---	4.9	---	1.7	---	2.7	16	---
TOTAL	260.5	227.4	211.9	354.9	401.7	379.3	88.8	140.1	456.3	215.8	266.5	315.7
MEAN	8.40	7.58	6.84	11.4	14.3	12.2	2.96	4.52	15.2	6.96	8.60	10.5
MAX	161	114	29	66	105	85	5.4	40	180	33	45	181
MIN	1.2	2.5	3.2	4.2	4.4	3.2	1.9	1.5	1.7	1.8	2.2	2.1
CFSM	1.48	1.34	1.21	2.02	2.53	2.16	.52	.80	2.68	1.23	1.52	1.86
IN.	1.71	1.49	1.39	2.33	2.64	2.49	.58	.92	2.99	1.42	1.75	2.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1994, BY WATER YEAR (WY)

	MEAN	7.70	7.02	8.62	12.3	11.2	14.2	9.08	6.90	8.51	10.7	9.56	6.88
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	
(WY)	1991	1987	1977	1987	1979	1980	1989	1991	1989	1991	1986	1987	
MIN	1.80	2.29	2.62	2.79	3.64	3.58	1.94	3.26	2.11	3.17	1.46	1.31	
(WY)	1979	1985	1989	1986	1986	1985	1986	1977	1990	1993	1983	1985	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1977 - 1994

ANNUAL TOTAL	3497.68		3318.9		9.56		
ANNUAL MEAN	9.58		9.09		14.8		1991
HIGHEST ANNUAL MEAN					6.44		1990
LOWEST ANNUAL MEAN							
HIGHEST DAILY MEAN	207	Jan 8	181	Sep 18	322	Jul 4	1989
LOWEST DAILY MEAN	.91	Aug 30	1.2	Oct 5	.82	Jun 18	1986
ANNUAL SEVEN-DAY MINIMUM	.95	Aug 27	1.4	Oct 1	.92	Jun 17	1986
INSTANTANEOUS PEAK FLOW			1250	Jun 27	2080	Jul 4	1989
INSTANTANEOUS PEAK STAGE			7.97	Jun 27	11.51	Jul 4	1989
INSTANTANEOUS LOW FLOW			1.2	*Oct 1	.46	**Aug 1	1980
ANNUAL RUNOFF (CFSM)	1.69		1.60		1.69		
ANNUAL RUNOFF (INCHES)	22.95		21.77		22.91		
10 PERCENT EXCEEDS	18		19		19		
50 PERCENT EXCEEDS	3.7		3.9		3.7		
90 PERCENT EXCEEDS	1.4		1.9		1.6		

* Also occurred on Oct. 3 - 5.

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

SANTÉE 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 sea level. Prior to Oct. 1, 1987, at datum 43.02 ft higher.

REMARKS.--Flow is regulated by Parr Shoals Reservoir (see sta. 02160990) and by gates at this station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 62.66 ft, Oct. 15, 1990; minimum gage height, 47.16 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 59.22 ft. Aug. 20; minimum gage height, 49.87 ft. June 14.

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.11	52.63	54.35	53.34	---	---	---	52.43	51.62	55.01	53.87	51.88
2	51.77	52.08	53.23	53.86	---	---	---	52.19	50.69	54.14	53.71	52.71
3	52.21	53.73	51.35	52.22	---	---	---	53.16	51.80	52.66	53.01	53.10
4	51.69	51.43	---	53.73	---	---	---	53.86	52.43	53.77	52.44	53.65
5	52.39	52.49	---	54.36	---	---	---	53.86	53.99	52.02	52.59	53.30
6	51.54	54.25	54.34	54.23	---	---	---	53.82	54.74	53.36	53.41	53.34
7	52.65	51.94	53.88	54.22	---	---	---	53.54	56.14	51.55	52.03	53.39
8	54.09	---	51.75	53.23	---	---	---	52.83	54.73	52.70	52.16	53.37
9	52.98	---	---	52.79	---	---	---	52.14	54.49	53.11	53.55	53.46
10	51.74	53.97	---	53.82	---	---	---	52.08	54.33	51.62	52.29	52.83
11	52.39	52.26	52.72	53.22	---	---	---	52.88	53.68	52.20	51.40	51.00
12	51.60	52.13	53.40	---	---	---	---	52.82	53.93	51.97	52.26	51.97
13	52.08	51.94	52.26	---	---	---	---	52.49	54.18	52.01	51.92	52.23
14	51.78	51.99	---	55.29	---	---	54.10	52.92	52.69	53.87	51.54	51.88
15	52.07	52.61	---	55.03	---	---	54.08	52.65	51.64	53.75	52.60	52.87
16	53.17	52.76	---	54.99	---	---	54.12	52.64	52.07	52.44	54.91	52.86
17	53.07	52.78	53.54	53.93	---	---	54.19	52.29	52.26	51.16	56.97	51.81
18	51.90	52.55	---	53.65	---	---	54.26	52.00	52.94	52.78	57.86	53.06
19	52.61	52.35	---	54.22	---	---	54.69	51.84	53.00	54.04	58.82	54.01
20	53.72	51.68	52.70	54.04	---	---	54.47	52.92	53.81	53.78	58.43	53.27
21	53.54	51.55	53.94	54.19	---	---	54.03	51.84	52.52	52.46	56.21	53.20
22	51.67	51.67	54.23	54.11	---	---	54.05	52.35	52.73	53.12	55.47	52.50
23	---	51.84	54.05	53.21	---	---	54.08	51.44	51.74	52.56	54.58	52.32
24	---	51.74	53.90	52.56	---	---	53.52	51.72	51.60	53.82	53.42	---
25	51.65	51.73	53.33	53.70	---	---	53.29	---	52.34	53.75	53.93	---
26	52.06	51.76	53.32	---	---	---	52.25	---	51.83	54.08	54.13	---
27	---	52.78	53.29	---	---	---	52.06	52.17	52.81	54.39	53.36	---
28	---	54.48	53.46	---	---	---	53.68	51.67	54.18	54.05	51.25	---
29	51.94	55.05	52.50	---	---	---	53.76	52.08	54.73	52.02	53.31	---
30	53.30	54.56	52.32	---	---	---	53.51	52.72	55.42	54.29	53.50	---
31	54.06	---	52.84	---	---	---	---	52.86	---	54.21	52.23	---
MEAN	52.44	52.60	53.21	53.82	---	---	53.77	52.56	53.17	53.12	53.78	52.78
MAX	54.09	55.05	54.35	55.29	---	---	54.69	53.86	56.14	55.01	58.82	54.01
MIN	51.54	51.43	51.35	52.22	---	---	52.06	51.44	50.69	51.16	51.25	51.00
CAL YR 1993	MEAN 53.81	MAX 58.99	MIN 50.86									
WTR YR 1994	MEAN 53.10	MAX 58.82	MIN 50.69									

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

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 South Carolina Electric and Gas hydroelectric plant operations.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.79 ft. Feb. 25; minimum gage height, 48.68 ft. Aug. 31.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.19	52.29	53.68	52.33	53.11	53.08	53.26	51.50	51.21	53.35	51.78	50.30
2	51.78	51.89	52.59	52.62	53.01	52.97	53.27	51.37	50.50	52.69	51.61	49.94
3	52.25	53.23	51.08	51.31	53.02	52.56	53.26	52.24	51.70	51.73	51.43	50.54
4	51.72	51.26	50.84	52.65	52.60	53.75	53.51	52.62	51.91	52.21	51.57	51.29
5	52.44	52.13	53.01	53.09	52.58	53.00	53.14	52.61	53.11	51.02	50.85	50.84
6	51.54	53.81	53.74	53.00	52.70	52.99	52.88	52.53	53.37	51.95	51.76	50.87
7	52.60	51.76	53.24	53.04	52.44	53.50	52.98	52.29	53.55	51.04	51.47	50.89
8	53.79	51.02	51.29	52.08	52.82	53.50	52.84	51.90	52.45	51.50	51.16	50.88
9	52.76	51.90	50.92	51.82	52.46	53.22	52.90	51.11	52.20	51.43	51.42	51.10
10	51.79	53.53	52.67	52.43	52.04	53.45	52.76	51.23	52.51	50.91	51.24	51.22
11	52.40	51.83	52.09	51.93	53.15	53.62	52.26	51.94	52.11	51.73	51.26	50.29
12	51.63	51.78	52.63	52.07	53.47	53.11	52.48	51.36	52.57	51.48	51.60	50.94
13	52.11	51.59	51.35	53.33	54.03	52.97	52.11	51.09	52.84	51.51	51.39	51.16
14	51.84	51.66	52.15	54.03	53.95	52.99	52.89	52.26	51.71	52.89	51.38	51.12
15	52.12	52.35	52.12	---	53.81	53.00	52.88	51.87	51.32	52.75	51.85	51.60
16	53.26	52.49	52.62	---	53.10	52.15	52.94	51.86	51.29	51.88	52.42	51.51
17	53.11	52.49	52.63	---	52.84	52.17	53.04	51.48	51.56	51.05	52.83	51.19
18	51.92	52.26	51.37	---	52.49	52.58	53.19	51.16	52.02	52.24	53.61	52.07
19	52.46	52.05	53.23	53.02	52.05	52.64	53.46	51.36	51.98	52.82	54.14	52.21
20	53.46	51.33	51.91	52.85	52.70	52.52	53.27	52.16	52.45	52.33	54.12	51.48
21	53.29	51.20	53.33	52.95	52.70	52.12	52.77	50.88	51.65	51.35	51.55	52.23
22	51.46	51.28	53.53	52.58	52.71	51.88	52.78	51.69	52.12	51.67	51.85	51.37
23	52.39	51.46	53.25	52.25	52.78	51.77	52.89	50.91	51.10	51.38	52.26	51.81
24	52.92	51.36	53.06	51.57	53.78	52.42	52.27	51.32	51.07	52.41	51.56	51.76
25	51.57	51.36	52.44	52.21	54.17	53.22	51.94	50.66	51.85	52.30	51.81	51.59
26	52.03	51.40	52.46	52.38	53.56	53.03	51.41	51.20	51.39	52.36	52.06	51.70
27	51.10	52.38	52.27	52.41	53.54	53.15	51.46	51.74	51.79	52.67	51.89	50.96
28	51.67	53.93	52.14	52.33	53.23	53.07	52.47	51.20	52.71	52.27	50.93	51.14
29	51.76	54.19	51.85	53.30	---	53.31	52.55	51.36	53.18	51.31	51.41	50.80
30	52.92	53.76	51.78	53.78	---	53.50	52.27	51.85	53.80	52.40	51.11	50.48
31	53.42	---	52.16	53.27	---	53.63	---	51.55	---	52.33	50.44	---
MEAN	52.31	52.17	52.37	52.62	53.03	52.93	52.74	51.62	52.10	51.97	51.80	51.18
MAX	53.79	54.19	53.74	54.03	54.17	53.75	53.51	52.62	53.80	53.35	54.14	52.23
MIN	51.10	51.02	50.84	51.31	52.04	51.77	51.41	50.66	50.50	50.91	50.44	49.94
CAL YR 1993	MEAN	52.33	MAX	54.22	MIN	49.46						
WTR YR 1994	MEAN	52.23	MAX	54.19	MIN	49.94						

SANTÉE 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 sea level (from topographic map).

REMARKS.--Records good except Apr. 8 to May 4, which are fair, and estimated daily discharges, Mar. 22, 23, Apr. 26 - 28, Aug. 8, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	15	22	21	49	81	111	56	28	53	66	89
2	13	14	20	21	45	155	100	52	31	48	65	90
3	12	14	18	30	42	131	93	58	38	46	62	84
4	12	15	84	53	40	105	87	59	41	51	65	78
5	11	43	127	35	42	90	83	49	36	70	59	74
6	12	24	51	31	39	81	101	45	81	67	54	82
7	12	18	35	42	37	73	82	44	68	55	53	71
8	12	17	29	61	37	69	74	43	303	51	52	67
9	11	16	27	43	37	66	73	43	91	47	50	65
10	11	24	28	36	43	80	71	46	73	48	46	63
11	11	42	26	39	104	66	75	44	68	58	44	60
12	12	31	23	122	90	62	79	43	64	55	52	57
13	12	19	22	70	68	60	158	41	59	52	53	56
14	12	15	30	53	58	59	111	41	53	56	53	54
15	12	22	35	43	52	52	112	58	52	53	115	53
16	12	18	30	38	48	47	170	47	65	74	408	52
17	14	20	27	77	47	45	120	41	51	66	1160	116
18	13	21	25	74	45	45	103	38	46	61	301	159
19	12	17	24	54	43	43	94	37	42	71	230	86
20	12	16	26	52	42	42	83	37	39	95	192	71
21	13	15	32	42	42	42	72	39	37	97	174	65
22	13	15	26	39	41	40	69	36	36	110	148	61
23	13	15	24	38	283	40	65	34	35	109	131	62
24	12	15	23	37	164	42	63	33	42	103	120	76
25	12	15	22	36	114	60	60	33	37	83	113	85
26	12	25	21	36	93	47	60	34	47	74	105	72
27	12	186	21	41	78	372	80	32	137	115	102	63
28	12	46	22	156	68	310	65	30	77	127	96	58
29	13	29	26	84	---	229	59	31	82	92	92	55
30	39	24	23	64	---	153	57	29	62	78	85	52
31	19	---	21	55	---	127	---	28	---	70	87	---
TOTAL	411	806	970	1623	1892	2914	2630	1281	1921	2235	4433	2176
MEAN	13.3	26.9	31.3	52.4	67.6	94.0	87.7	41.3	64.0	72.1	143	72.5
MAX	39	186	127	156	283	372	170	59	303	127	1160	159
MIN	11	14	18	21	37	40	57	28	46	44	52	52
CFSM	.63	1.28	1.49	2.49	3.22	4.48	4.17	1.97	3.05	3.43	6.81	3.45
IN.	.73	1.43	1.72	2.88	3.35	5.16	4.66	2.27	3.40	3.96	7.85	3.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

MEAN	35.5	46.4	64.7	64.9	74.3	84.6	78.3	66.5	55.9	43.7	48.0	35.3
MAX	94.3	154	129	141	158	180	136	122	106	88.5	143	72.5
(WY)	1990	1993	1984	1993	1990	1990	1993	1984	1992	1989	1994	1994
MIN	13.3	13.6	25.1	19.6	37.4	32.8	34.8	27.3	21.3	18.9	15.9	15.1
(WY)	1994	1982	1989	1981	1989	1988	1986	1986	1988	1981	1981	1981

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1981 - 1994
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ANNUAL TOTAL	25057			23292					
ANNUAL MEAN	68.6			63.8			58.8		
HIGHEST ANNUAL MEAN							90.7		1993
LOWEST ANNUAL MEAN							28.3		1981
HIGHEST DAILY MEAN	842	Mar	23	1160	Aug	17	1160	Aug	17 1994
LOWEST DAILY MEAN	11	Oct	5	11	***Oct	5	10	*Sep	29 1981
ANNUAL SEVEN-DAY MINIMUM	11	Oct	5	11	Oct	5	11	Sep	27 1981
INSTANTANEOUS PEAK FLOW				3480	Aug	17	**5190	Jun	11 1986
INSTANTANEOUS PEAK STAGE				9.40	Aug	17	11.21	Jun	11 1986
INSTANTANEOUS LOW FLOW				10	****Oct	5	8.9	Oct	7 1981
ANNUAL RUNOFF (CFSM)	3.27			3.04			2.80		
ANNUAL RUNOFF (INCHES)	44.39			41.26			38.07		
10 PERCENT EXCEEDS	144			111			103		
50 PERCENT EXCEEDS	40			51			45		
90 PERCENT EXCEEDS	14			15			19		

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

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

*** Also occurred on Oct. 9 - 11.

***** Also occurred on Oct. 6, 9 - 11.

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 sea level.

REMARKS.--Records good except for estimated daily discharges, Oct. 12 - 14, 21, Feb. 11, June 13, 14, and Aug. 18, which are poor. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. About 61 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	211	666	312	302	498	514	1010	481	317	563	674	653
2	195	321	283	301	483	934	803	483	297	427	640	1060
3	195	199	273	301	414	1270	786	486	296	341	630	918
4	195	199	275	431	321	1030	748	570	347	450	670	813
5	195	218	798	561	484	831	688	541	412	418	651	734
6	195	355	841	433	433	752	693	495	568	824	595	714
7	195	476	504	323	389	607	775	382	664	502	532	733
8	194	324	265	551	423	621	676	435	921	509	528	676
9	191	227	300	533	395	633	602	486	586	391	482	636
10	189	210	313	478	413	602	602	399	611	441	453	613
11	115	198	410	374	760	607	597	350	534	471	443	604
12	190	217	371	934	1550	603	608	353	463	555	434	594
13	200	250	412	1070	866	538	667	433	544	519	364	455
14	205	228	178	618	755	494	949	385	554	483	529	514
15	189	204	299	423	651	494	862	415	424	483	568	509
16	196	223	509	505	457	515	1390	535	786	489	1690	511
17	203	251	413	413	509	491	1200	417	359	550	6100	512
18	201	248	313	823	473	388	907	369	359	539	7280	769
19	201	238	313	648	438	430	812	350	359	569	3370	824
20	201	236	315	486	447	461	675	350	359	853	1920	650
21	210	248	328	456	483	412	659	355	359	784	1520	600
22	205	248	437	453	397	409	628	370	304	749	1410	557
23	191	230	386	387	859	427	602	364	346	985	1160	520
24	195	220	321	404	1880	384	602	359	341	1230	1100	505
25	198	220	317	442	1120	560	534	360	342	918	953	733
26	198	220	307	361	742	557	473	331	328	685	1110	1010
27	197	339	299	406	717	645	476	330	973	668	979	726
28	197	970	301	701	652	2730	672	310	843	2520	923	613
29	206	562	304	1050	---	2560	528	304	601	1850	848	552
30	220	301	311	697	---	1730	487	322	711	998	645	545
31	460	---	312	551	---	1220	---	319	---	778	245	---
TOTAL	6333	9046	11320	16416	18009	24449	21711	12439	14908	22542	39446	19853
MEAN	204	302	365	530	643	789	724	401	497	727	1272	662
MAX	460	970	841	1070	1880	2730	1390	570	973	2520	7280	1060
MIN	115	198	178	301	321	384	473	304	296	341	245	455
CFSM	.69	1.02	1.24	1.80	2.18	2.67	2.45	1.36	1.68	2.46	4.31	2.24
IN.	.80	1.14	1.43	2.07	2.27	3.08	2.74	1.57	1.88	2.84	4.97	2.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1994, BY WATER YEAR (WY)

	MEAN	468	505	645	768	840	965	913	733	608	500	476	431
MAX	1631	1245	1445	1875	1478	1807	1562	1506	1208	1435	1272	1241	
(WY)	1965	1993	1962	1946	1946	1990	1962	1973	1961	1949	1994	1949	
MIN	89.8	169	189	158	445	387	405	395	252	206	146	113	
(WY)	1955	1955	1956	1956	1959	1955	1967	1970	1956	1970	1956	1954	

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1942 - 1994
ANNUAL TOTAL	254334	216472	
ANNUAL MEAN	697	593	654
HIGHEST ANNUAL MEAN			965
LOWEST ANNUAL MEAN			346
HIGHEST DAILY MEAN	3940	Mar 24	7280
LOWEST DAILY MEAN	115	Oct 11	115
ANNUAL SEVEN-DAY MINIMUM	181	Oct 6	181
INSTANTANEOUS PEAK FLOW			8080
INSTANTANEOUS PEAK STAGE			14.78
INSTANTANEOUS LOW FLOW			31
ANNUAL RUNOFF (CFSM)	2.36	2.01	2.22
ANNUAL RUNOFF (INCHES)	32.07	27.30	30.13
10 PERCENT EXCEEDS	1420	940	1150
50 PERCENT EXCEEDS	464	483	530
90 PERCENT EXCEEDS	205	218	260

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

** Also occurred on Oct. 12, Dec. 14.

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.--Data collection platform. Elevation of gage is 448 ft above sea level (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 61 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	315	529	504	512	786	1030	1800	726	456	976	1030	640
2	264	709	497	480	733	1640	1490	808	456	794	861	1380
3	325	609	314	548	790	2300	1200	753	501	695	877	1680
4	324	504	423	645	651	1950	1200	814	612	529	976	1450
5	317	422	590	850	567	1570	1090	890	500	772	1030	1080
6	308	664	1170	809	864	1250	1100	877	1030	781	856	1090
7	302	649	1070	646	679	1110	1120	788	978	981	765	1000
8	272	473	778	620	621	957	1160	728	882	782	877	1070
9	300	591	540	862	788	960	1070	722	784	684	679	937
10	278	441	533	657	809	1010	978	735	978	670	759	928
11	278	397	531	708	780	1050	953	754	1130	572	618	795
12	308	339	534	951	2100	901	943	721	830	902	620	860
13	300	402	584	1680	2100	901	978	643	773	815	617	792
14	294	472	925	1540	1340	854	1060	584	699	762	630	706
15	263	312	661	942	1100	780	1430	646	704	657	556	652
16	209	307	290	601	1010	803	1500	789	892	669	1070	531
17	194	304	508	945	761	800	1970	784	699	625	7620	657
18	283	323	703	678	764	820	1640	767	903	765	8730	844
19	300	455	517	1140	798	766	1290	563	824	754	8780	867
20	295	452	536	1040	737	536	1150	543	622	921	3930	1010
21	275	443	689	676	683	789	1110	508	520	846	2590	851
22	332	374	541	783	739	730	971	514	540	977	2160	756
23	362	369	749	544	858	661	945	538	420	1110	1930	700
24	368	369	646	682	2300	728	924	550	490	1720	1550	667
25	484	367	565	816	2330	1150	942	534	559	1670	1490	647
26	186	321	510	505	1590	1170	949	538	672	1160	1350	872
27	242	616	536	604	1090	1020	751	546	1130	909	1470	1160
28	229	1200	532	804	990	1760	781	515	1950	1340	1290	1080
29	295	1180	518	1340	---	4620	1000	460	1620	3300	1240	790
30	506	824	509	1380	---	3540	876	453	925	1990	1130	653
31	559	---	496	1080	---	2260	---	456	---	1260	1040	---
TOTAL	9567	15417	18499	26068	29358	40416	34371	20247	24079	31388	59121	27145
MEAN	309	514	597	841	1048	1304	1146	653	803	1013	1907	905
MAX	559	1200	1170	1680	2330	4620	1970	890	1950	3300	8780	1680
MIN	186	304	290	480	567	536	751	453	420	529	556	531
CFSM	.53	.88	1.03	1.45	1.80	2.24	1.97	1.12	1.38	1.74	3.28	1.56
IN.	.61	.99	1.18	1.67	1.88	2.59	2.20	1.30	1.54	2.01	3.79	1.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1994, BY WATER YEAR (WY)

	MEAN	662	756	981	1216	1351	1564	1398	1079	874	747	740	616
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1939 - 1994

ANNUAL TOTAL	432908	335676	
ANNUAL MEAN	1186	920	998
HIGHEST ANNUAL MEAN			1569
LOWEST ANNUAL MEAN			438
HIGHEST DAILY MEAN	6660	Mar 27	14400
LOWEST DAILY MEAN	186	Oct 26	11
ANNUAL SEVEN-DAY MINIMUM	260	Oct 15	61
INSTANTANEOUS PEAK FLOW		9360	**20700
INSTANTANEOUS PEAK STAGE		14.66	22.85
INSTANTANEOUS LOW FLOW		24	***24
ANNUAL RUNOFF (CFSM)	2.04	1.58	1.72
ANNUAL RUNOFF (INCHES)	27.72	21.49	23.33
10 PERCENT EXCEEDS	2350	1480	1800
50 PERCENT EXCEEDS	758	766	750
90 PERCENT EXCEEDS	331	368	332

* Also occurred on Oct. 19, 1941.

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

*** Caused by construction work upstream of station.

SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°48'00'', long 82°21'55'', Greenville County, Hydrologic Unit 03050109, on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mi upstream from Brushy Creek, 2.5 mi upstream from dam at Conestee, 3.9 mi southeast of City Hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 mi².

PERIOD OF RECORD.--November 1941 to September 1971, June 1987 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Elevation of gage is 800 ft above sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	25	36	37	52	88	66	42	22	40	73	68
2	14	21	34	37	48	214	60	40	24	35	53	63
3	14	20	33	72	47	113	56	65	23	32	56	56
4	14	23	87	142	46	78	52	77	65	41	144	47
5	14	211	191	64	80	67	50	46	196	76	69	44
6	14	48	60	49	57	59	89	42	289	69	51	81
7	14	32	45	56	48	54	58	40	58	37	46	50
8	14	29	40	89	73	52	50	83	37	35	41	50
9	14	27	37	53	65	50	48	42	31	31	40	39
10	14	26	62	46	87	95	50	38	437	50	37	49
11	14	25	46	44	348	56	49	37	107	38	35	42
12	14	24	38	307	214	50	46	38	74	48	36	38
13	14	24	35	103	109	50	133	33	46	40	78	35
14	14	24	100	71	80	50	64	31	40	50	68	35
15	14	36	81	57	68	48	170	117	191	30	135	35
16	15	27	52	49	60	46	251	41	121	43	688	35
17	15	26	43	115	55	43	93	34	173	63	1860	58
18	15	24	40	127	52	42	71	32	67	45	372	63
19	15	24	39	74	50	42	62	30	40	106	103	41
20	15	23	73	59	49	42	54	30	34	153	80	34
21	28	22	90	54	69	43	51	34	30	77	85	35
22	34	21	50	50	55	62	48	34	28	384	71	35
23	24	20	45	50	277	42	47	29	37	158	59	35
24	17	20	42	50	183	81	44	27	71	342	54	93
25	16	19	40	48	91	183	44	26	46	81	51	288
26	15	18	37	46	71	61	42	27	140	52	49	98
27	15	459	36	48	62	119	90	27	379	49	46	57
28	15	89	42	225	57	218	76	25	127	594	49	43
29	15	51	78	88	---	254	47	24	115	215	45	39
30	194	41	41	68	---	101	44	24	52	70	43	36
31	38	---	38	58	---	77	---	24	---	59	56	---
TOTAL	696	1479	1711	2436	2553	2580	2105	1239	3100	3143	4673	1722
MEAN	22.5	49.3	55.2	78.6	91.2	83.2	70.2	40.0	103	101	151	57.4
MAX	194	459	191	307	348	254	251	117	437	594	1860	288
MIN	14	18	33	37	46	42	42	24	22	30	35	34
CFSM	.46	1.01	1.14	1.62	1.88	1.71	1.44	.82	2.13	2.09	3.10	1.18
IN.	.53	1.13	1.31	1.86	1.95	1.97	1.61	.95	2.37	2.41	3.58	1.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1994, BY WATER YEAR (WY)

	MEAN	60.0	64.3	79.6	97.9	117	134	111	76.9	65.8	63.4	59.2	55.8
MAX	255	204	233	216	234	350	350	290	167	140	140	151	155
(WY)	1950	1949	1962	1946	1961	1952	1964	1991	1968	1968	1994	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1942 - 1994

ANNUAL TOTAL	31704	27437	82.6	
ANNUAL MEAN	86.9	75.2	118	1949
HIGHEST ANNUAL MEAN			43.1	1988
LOWEST ANNUAL MEAN			8.0	Oct 4 1954
HIGHEST DAILY MEAN	1060	1860	2800	Oct 7 1949
LOWEST DAILY MEAN	14	14	11	Oct 29 1954
ANNUAL SEVEN-DAY MINIMUM	14	14	4050	Mar 6 1963
INSTANTANEOUS PEAK FLOW		2830	10.12	Mar 6 1963
INSTANTANEOUS PEAK STAGE		8.19	4.6	Oct 11 1966
INSTANTANEOUS LOW FLOW		14	1.70	
ANNUAL RUNOFF (CFSM)	1.79	1.55	23.10	
ANNUAL RUNOFF (INCHES)	24.27	21.00		
10 PERCENT EXCEEDS	155	134	139	
50 PERCENT EXCEEDS	48	48	53	
90 PERCENT EXCEEDS	18	23	26	

* Also occurred on Oct. 2 - 16.

** Also occurred on Oct. 2 - 15.

SALUDA RIVER BASIN

02164110 REEDY RIVER ABOVE FORK SHOALS, SC

LOCATION.--Lat 34°39'09'', long 82°17'52'', Greenville County, Hydrologic Unit 03050109, at State Road 418 bridge, 0.66 mi southwest of intersection of Road 418 and Road 146, and 2.2 mi north of Fork Shoals, S.C.

DRAINAGE AREA.--104 mi².

PERIOD OF RECORD.--October 1979 to September 1980. October 1993 to September 1994.

GAGE.--Data collection platform. Elevation of gage is 645 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges Nov. 27 - 30, June 5 - 13, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	125	123	111	155	175	212	141	102	223	180	284
2	77	112	114	108	147	640	199	127	101	151	164	723
3	75	103	110	119	144	402	192	131	118	130	153	258
4	73	97	110	393	137	250	186	180	163	122	284	196
5	75	419	526	191	174	209	181	168	300	177	221	176
6	76	197	186	152	179	183	197	157	980	236	206	185
7	76	129	143	140	142	174	199	139	260	182	145	181
8	77	119	125	214	164	171	184	161	196	139	137	175
9	76	112	117	150	189	166	176	161	155	138	134	164
10	74	107	127	128	195	232	168	146	180	119	131	154
11	71	102	165	130	611	186	160	131	620	155	126	146
12	75	99	111	620	602	166	158	125	300	154	131	136
13	76	96	109	298	296	160	213	123	245	146	150	131
14	76	94	163	199	233	157	216	117	176	160	193	128
15	76	97	275	162	199	154	265	196	189	140	180	126
16	75	101	161	141	178	152	564	170	423	135	600	125
17	74	100	132	154	167	150	256	152	392	183	3490	139
18	75	101	121	384	158	148	203	134	250	161	1360	167
19	77	98	115	223	152	146	193	118	187	157	374	153
20	77	95	117	170	149	141	184	115	167	281	294	144
21	77	92	287	155	152	140	171	112	149	229	256	137
22	99	90	152	147	175	151	159	119	132	470	254	131
23	100	90	137	142	512	149	147	112	133	553	216	127
24	85	90	125	138	560	149	138	110	131	727	199	146
25	77	90	114	140	273	561	135	109	191	292	184	282
26	79	90	109	137	214	233	138	109	176	231	169	335
27	80	715	107	138	189	196	152	112	918	194	158	155
28	79	300	110	525	173	581	213	106	278	649	151	143
29	78	220	197	271	---	761	176	100	434	567	148	137
30	351	150	133	188	---	338	161	99	216	243	145	131
31	172	---	117	167	---	247	---	101	---	198	185	---
TOTAL	2788	4430	4738	6335	6619	7668	5896	4081	8262	7642	10718	5615
MEAN	89.9	148	153	204	236	247	197	132	275	247	346	187
MAX	351	715	526	620	611	761	564	196	980	727	3490	723
MIN	71	90	107	108	137	140	135	99	101	119	126	125
CFSM	.86	1.42	1.47	1.96	2.27	2.38	1.89	1.27	2.65	2.37	3.32	1.80
IN.	1.00	1.58	1.69	2.27	2.37	2.74	2.11	1.46	2.96	2.73	3.83	2.01

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

	MEAN	89.9	148	153	204	236	247	197	132	275	247	346	187
MAX	89.9	148	153	204	236	247	197	132	275	247	346	187	
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	89.9	148	153	204	236	247	197	132	275	247	346	187	
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1994 WATER YEAR

ANNUAL TOTAL	74792	
ANNUAL MEAN	205	
HIGHEST DAILY MEAN	3490	Aug 17
LOWEST DAILY MEAN	71	Oct 11
ANNUAL SEVEN-DAY MINIMUM	75	Oct 10
INSTANTANEOUS PEAK FLOW	4250	Aug 17
INSTANTANEOUS PEAK STAGE	16.27	Aug 17
INSTANTANEOUS LOW FLOW	69	*Oct 10
ANNUAL RUNOFF (CFSM)	1.97	
ANNUAL RUNOFF (INCHES)	26.75	
10 PERCENT EXCEEDS	314	
50 PERCENT EXCEEDS	154	
90 PERCENT EXCEEDS	97	

* Also occurred on Oct. 11.

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 sea level. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--Records good except for estimated daily discharges, June 18 - 27, 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 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	135	343	326	301	338	361	512	266	132	351	319	164
2	128	286	301	145	314	968	457	262	76	297	244	531
3	147	163	268	248	363	1310	331	249	70	230	244	882
4	94	166	200	407	321	704	332	234	658	183	273	570
5	107	233	298	521	293	522	348	237	340	184	273	480
6	141	484	527	401	293	434	361	238	463	405	314	297
7	118	371	346	364	298	383	347	238	897	361	295	197
8	122	313	302	335	321	324	341	238	405	317	247	83
9	136	165	291	324	320	338	333	234	342	250	212	121
10	132	188	291	324	342	391	327	234	328	187	179	183
11	113	217	267	324	415	438	318	233	430	165	162	183
12	109	276	194	359	1100	361	316	227	417	169	106	174
13	133	200	285	824	796	367	313	221	294	181	96	166
14	132	273	264	456	467	342	315	177	268	169	139	141
15	119	153	331	369	455	347	334	132	223	176	175	108
16	34	186	390	339	374	327	573	217	325	163	363	169
17	137	260	344	319	251	308	746	223	388	152	1880	184
18	116	173	302	365	335	289	416	223	439	167	3700	203
19	123	174	231	459	317	273	365	227	411	176	1840	219
20	145	185	275	392	305	273	346	222	354	225	584	198
21	127	191	305	356	300	288	335	194	274	266	427	192
22	122	193	409	339	304	288	332	154	259	308	357	194
23	165	190	342	325	377	285	298	143	220	630	286	164
24	165	232	328	283	1100	321	274	227	179	659	216	97
25	164	306	311	251	784	446	225	213	185	821	192	121
26	167	161	261	252	481	796	187	173	199	410	173	543
27	161	267	261	290	408	434	235	74	717	359	159	353
28	154	866	246	314	378	511	271	86	1350	330	148	191
29	170	418	239	765	---	1400	274	96	782	837	142	190
30	239	308	254	444	---	1190	275	113	496	604	135	194
31	357	---	298	378	---	609	---	163	---	448	246	---
TOTAL	4412	7941	9287	11573	12150	15628	10437	6168	11921	10180	14126	7492
MEAN	142	265	300	373	434	504	348	199	397	328	456	250
MAX	357	866	527	824	1100	1400	746	266	1350	837	3700	882
MIN	34	153	194	145	251	273	187	74	70	152	96	83
CFSM	.60	1.12	1.27	1.58	1.84	2.14	1.47	.84	1.68	1.39	1.93	1.06
IN.	.70	1.25	1.46	1.82	1.92	2.46	1.65	.97	1.88	1.60	2.23	1.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1994, BY WATER YEAR (WY)

MEAN	239	272	337	454	515	598	480	348	276	245	248	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

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1939 - 1994

ANNUAL TOTAL	160298	121315	351
ANNUAL MEAN	439	332	535
HIGHEST ANNUAL MEAN			1993
LOWEST ANNUAL MEAN			1941
HIGHEST DAILY MEAN	2970	Mar 25	8800
LOWEST DAILY MEAN	34	Oct 16	4.8
ANNUAL SEVEN-DAY MINIMUM	104	Aug 18	20
INSTANTANEOUS PEAK FLOW			11000
INSTANTANEOUS PEAK STAGE			15.40
INSTANTANEOUS LOW FLOW			2.7
ANNUAL RUNOFF (CFSM)	1.86	1.41	1.49
ANNUAL RUNOFF (INCHES)	25.27	19.12	20.23
10 PERCENT EXCEEDS	899	521	627
50 PERCENT EXCEEDS	298	286	261
90 PERCENT EXCEEDS	119	140	92

SANTÉE 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 sea level. Prior to May 1990, at datum 1.00 ft higher.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.4	18	22	21	33	37	52	27	14	29	16	22
2	9.4	15	19	21	31	139	47	25	14	24	21	29
3	9.4	13	18	22	29	138	43	25	13	21	21	34
4	9.4	13	18	47	27	81	41	29	33	19	46	27
5	9.4	24	30	45	29	59	39	29	29	30	36	23
6	9.1	29	30	35	32	49	40	26	48	39	27	23
7	9.3	22	25	30	30	44	40	25	47	31	22	23
8	9.4	18	22	32	32	40	37	25	34	25	19	21
9	9.3	16	20	30	36	39	36	27	31	22	18	19
10	8.9	15	20	27	39	44	36	25	28	20	16	18
11	8.7	14	20	25	61	43	35	22	25	20	15	17
12	8.7	14	19	55	82	39	35	21	22	23	15	16
13	9.0	14	18	59	62	37	37	20	20	21	16	15
14	9.1	14	22	45	47	35	38	20	19	20	17	15
15	9.3	14	32	36	38	34	36	22	18	19	26	15
16	9.4	14	30	31	34	33	55	22	21	18	58	15
17	9.7	14	26	30	32	32	47	20	20	17	328	15
18	9.7	14	23	37	30	31	39	19	21	16	184	21
19	9.8	14	22	35	29	31	35	18	26	17	74	21
20	10	14	22	31	27	30	33	17	21	28	45	18
21	10	14	38	29	28	30	32	17	18	24	39	16
22	11	13	35	28	29	31	31	16	15	24	38	15
23	11	13	31	27	46	30	30	16	14	30	32	14
24	11	13	29	27	100	32	29	16	14	45	27	15
25	11	14	26	26	69	67	28	15	18	34	24	15
26	11	14	24	26	49	64	28	15	18	26	23	15
27	11	34	23	26	41	50	27	17	74	22	21	15
28	11	47	22	49	37	60	29	16	57	20	20	14
29	11	31	23	57	---	129	30	15	48	19	19	13
30	24	26	24	44	---	93	28	15	38	17	18	13
31	24	---	22	37	---	64	---	14	---	16	17	---
TOTAL	332.4	542	755	1070	1159	1665	1093	636	818	736	1298	552
MEAN	10.7	18.1	24.4	34.5	41.4	53.7	36.4	20.5	27.3	23.7	41.9	18.4
MAX	24	47	38	59	100	139	55	29	74	45	328	34
MIN	8.7	13	18	21	27	30	27	14	13	16	15	13
CFSM	.36	.61	.83	1.17	1.40	1.82	1.24	.70	.92	.80	1.42	.62
IN.	.42	.68	.95	1.35	1.46	2.10	1.38	.80	1.03	.93	1.64	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1994, BY WATER YEAR (WY)

	MEAN	26.6	31.9	39.7	59.5	51.8	67.8	49.7	40.5	31.3	22.7	21.0	21.5
MAX	62.9	79.0	99.2	99.5	99.7	137	89.3	77.8	70.2	48.0	41.9	121	
(WY)	1977	1993	1973	1972	1975	1975	1973	1975	1972	1968	1994	1973	
MIN	10.5	12.4	16.9	18.8	32.9	28.8	24.5	16.9	11.8	10.1	8.75	8.03	
(WY)	1979	1979	1979	1981	1978	1981	1981	1981	1970	1992	1993	1981	

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1967 - 1994
ANNUAL TOTAL	14874.4	10656.4	
ANNUAL MEAN	40.8	29.2	39.0
HIGHEST ANNUAL MEAN			62.2
LOWEST ANNUAL MEAN			21.6
HIGHEST DAILY MEAN	390	328	2520
LOWEST DAILY MEAN	6.0	8.7	3.4
ANNUAL SEVEN-DAY MINIMUM	6.3	9.0	3.7
INSTANTANEOUS PEAK FLOW		475	4100
INSTANTANEOUS PEAK STAGE		3.46	9.86
ANNUAL RUNOFF (CFSM)	1.38	.99	1.32
ANNUAL RUNOFF (INCHES)	18.76	13.44	17.95
10 PERCENT EXCEEDS	79	47	59
50 PERCENT EXCEEDS	24	24	27
90 PERCENT EXCEEDS	9.3	13	12

* Also occurred on Oct. 12.

** Also occurred on Sept. 30, 1981.

*** Also occurred on Oct. 12, 1993.

SANTEE 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.--Data collection platform. Datum of gage is sea level (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) sea level. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft sea level. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir levels were first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 440.10 ft, Aug. 18; minimum elevation, 434.46 ft, Jan. 31.

Capacity Table

(prepared from capacity curve drawn by D. T. Duncan, Engineer)

Elevation, in feet (sea level)	Usable contents, in billions of cubic feet	Elevation, in feet (sea level)	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 SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	436.99	437.02	436.98	436.99	434.61	436.36	438.48	438.99	439.00	438.99	439.00	438.99
2	437.00	437.03	437.01	436.87	434.62	436.91	438.21	439.02	439.08	438.99	438.99	438.89
3	437.02	437.01	436.95	436.80	434.69	437.25	438.31	438.97	438.95	438.94	439.01	438.79
4	436.99	437.02	437.06	436.70	434.70	437.34	438.29	438.99	439.43	438.90	438.99	438.79
5	437.00	437.01	437.01	436.64	434.78	437.28	438.42	439.01	438.99	438.90	439.05	438.70
6	437.00	437.02	437.00	436.54	434.91	437.11	438.52	439.02	439.00	439.02	439.02	438.69
7	437.01	436.98	437.00	436.40	434.89	436.89	438.52	438.98	439.03	439.02	438.99	438.58
8	437.00	437.04	437.00	436.28	434.99	436.62	438.53	438.98	438.96	439.02	439.04	438.58
9	437.01	437.02	437.00	436.32	435.13	436.52	438.47	439.03	438.98	438.99	439.01	438.42
10	437.00	437.02	436.98	436.20	435.09	436.81	438.49	439.01	438.99	439.00	439.00	438.34
11	437.00	437.00	436.97	436.12	435.20	436.97	438.51	439.00	438.98	439.04	438.99	438.32
12	436.99	436.99	436.96	436.02	435.47	437.00	438.53	439.01	438.96	439.12	438.99	438.20
13	437.00	437.04	437.00	435.91	435.63	437.17	438.50	439.01	438.99	439.02	438.99	438.19
14	437.02	437.13	437.01	435.96	435.56	437.10	438.72	439.00	438.99	439.00	439.02	438.08
15	437.00	437.00	437.00	435.72	435.41	437.20	439.01	439.02	439.12	439.00	439.04	437.98
16	437.00	437.00	436.99	435.69	435.39	437.19	439.04	439.01	439.01	439.01	439.16	437.88
17	436.99	437.02	436.99	435.59	435.49	437.30	439.13	438.99	438.97	438.98	440.03	437.81
18	436.99	436.99	437.01	435.47	435.62	437.29	439.00	439.01	439.06	438.98	440.08	437.93
19	437.00	436.99	436.98	435.42	435.59	437.43	439.02	438.98	438.99	438.97	439.96	437.69
20	437.01	436.94	436.98	435.35	435.70	437.48	438.84	439.02	438.98	438.99	439.90	437.73
21	437.03	436.99	436.95	435.18	435.70	437.64	439.00	439.03	438.98	439.07	439.94	437.61
22	436.98	437.00	436.99	435.20	435.82	437.59	439.02	439.01	439.05	439.26	439.70	437.51
23	437.01	437.01	436.98	435.08	435.84	437.70	438.98	438.98	438.98	439.08	439.33	437.52
24	437.00	436.99	437.01	434.97	436.14	437.77	439.01	439.01	438.97	439.00	439.01	437.39
25	437.00	437.00	437.02	434.98	436.38	437.87	438.99	439.00	438.95	439.11	439.02	437.32
26	436.99	436.99	436.99	434.99	436.32	437.77	438.99	439.08	438.96	439.08	439.00	437.31
27	436.98	437.02	436.94	434.83	436.20	437.87	439.03	438.99	439.03	438.97	439.01	437.30
28	436.97	437.06	436.97	434.78	436.20	438.08	439.00	438.96	439.22	439.03	439.00	437.18
29	437.05	437.00	436.99	434.68	---	438.75	439.04	438.98	439.22	439.39	439.00	437.08
30	437.03	436.99	436.99	434.57	---	439.00	439.01	439.00	438.94	439.32	438.98	437.00
31	437.04	---	437.01	434.50	---	438.83	---	439.00	---	439.07	438.98	---
MAX	437.05	437.13	437.06	436.99	436.38	439.00	439.13	439.08	439.43	439.39	440.08	438.99
MIN	436.97	436.94	436.94	434.50	434.61	436.36	438.21	438.96	438.94	438.90	438.98	437.00
(+)	6.29	6.27	6.27	5.16	5.91	7.10	7.18	7.18	7.15	7.21	7.17	6.27
(*)	+7.47	-7.72	0	-414	+310	+444	+30.9	0	-11.6	+22.4	-14.9	-347

CAL YR 1993 * +24.4 MAX 440.01 MIN 432.04
WTR YR 1994 * 0 MAX 440.08 MIN 434.50

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

SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'10'', long 81°54'10'', Newberry County, Hydrologic Unit 03050109, on left wingwall at downstream side of gated spillway, 200 ft below dam, on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE.--1,170 mi².

PERIOD OF RECORD.--October 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 sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 29.94 ft, Feb. 19, 1990; minimum gage height, 5.40 ft, July 31, 1990, Aug. 31, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.37 ft, Aug. 18; minimum gage height, 5.45 ft, Jan. 2.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	11.46	5.49	6.32	11.92	5.70	7.87	11.46	5.67	7.62	11.77	5.69	8.06
2	11.38	5.48	6.24	11.49	5.62	7.69	11.46	5.65	7.33	11.75	5.45	8.14
3	11.39	5.48	6.19	11.47	5.59	7.51	11.41	5.64	7.36	13.75	5.69	9.16
4	11.54	5.47	6.63	11.44	5.58	7.38	11.14	5.63	6.33	13.67	6.12	10.38
5	9.16	5.47	6.31	11.50	5.59	8.14	11.60	5.65	9.41	11.93	6.29	10.01
6	9.14	5.48	6.30	11.60	5.87	8.62	11.59	6.04	9.78	11.92	5.92	10.31
7	9.15	5.47	6.46	11.54	5.73	8.50	11.53	5.86	9.18	11.78	5.89	9.56
8	9.15	5.49	6.34	9.17	5.64	6.91	11.50	5.71	8.18	11.81	5.85	9.56
9	9.18	5.50	6.42	9.14	5.61	7.97	11.47	5.68	7.50	9.44	5.87	8.39
10	9.27	5.49	6.52	9.14	5.59	6.98	11.49	5.66	8.32	11.80	5.80	9.46
11	9.33	5.48	6.29	9.12	5.59	7.14	11.45	5.66	7.21	11.77	5.76	8.86
12	11.21	5.48	6.38	11.43	5.58	7.20	11.46	5.67	7.51	14.48	5.76	11.86
13	9.09	5.49	6.29	11.21	5.57	6.29	11.38	5.65	7.22	14.37	12.05	12.86
14	11.31	5.50	6.22	11.18	5.57	6.28	13.80	5.64	9.17	13.71	6.07	10.95
15	11.47	5.50	6.47	11.50	5.56	8.11	11.61	6.18	8.84	13.84	6.01	10.54
16	11.37	5.50	6.42	9.13	5.55	6.69	11.57	5.96	7.80	11.70	5.83	8.36
17	11.23	5.50	6.36	11.24	5.57	7.00	11.52	5.84	7.83	13.63	5.82	10.19
18	11.20	5.50	6.25	13.19	5.56	6.82	11.52	5.77	8.00	12.31	5.94	9.59
19	9.12	5.49	6.29	13.22	5.57	6.92	11.51	5.73	7.65	11.76	6.01	9.66
20	9.14	5.50	6.48	13.36	5.57	7.15	11.53	5.70	8.28	13.63	5.89	9.86
21	9.17	5.49	6.48	11.28	5.57	6.49	11.64	5.86	8.84	12.90	5.88	9.60
22	11.50	5.50	8.12	9.15	5.56	6.66	11.64	5.99	8.50	11.46	5.83	8.29
23	9.17	5.62	6.51	11.29	5.56	6.65	11.60	5.91	8.87	11.49	5.85	8.98
24	9.16	5.65	6.89	11.34	5.58	6.76	11.60	5.96	8.06	11.46	5.84	9.19
25	9.11	5.56	6.84	11.39	5.58	6.94	11.37	5.86	8.39	11.38	5.70	8.07
26	9.45	5.53	6.75	9.15	5.57	6.76	11.49	5.82	7.45	11.43	5.67	7.50
27	11.31	5.53	6.71	11.62	5.57	9.45	11.52	5.75	8.12	11.47	6.81	9.74
28	11.20	5.51	6.26	11.64	6.16	10.08	11.46	5.66	7.23	11.85	5.71	10.33
29	11.14	5.51	6.22	11.63	5.83	10.32	11.60	5.71	7.83	11.81	11.58	11.68
30	11.77	5.54	10.01	11.53	5.71	8.53	11.49	5.74	7.36	11.62	11.09	11.40
31	9.29	6.07	8.01	---	---	---	11.65	5.71	7.35	11.15	8.37	10.25
MONTH	11.77	5.47	6.64	13.36	5.55	7.53	13.80	5.63	8.02	14.48	5.45	9.70

SANTEE RIVER BASIN

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

LOCATION.--Lat 34°07'57'', long 81°59'48'', Greenwood County, Hydrologic Unit 03050109, near left bank, at downstream side of bridge on State Road 288, 3.3 mi southeast of Ninety-Six and 10.1 mi southeast of Greenwood.

DRAINAGE AREA.--17.4 mi².

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

GAGE.--Data collection platform. Elevation of gage is 425 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, June 28 to July 1, July 15 - 21, Aug. 31 to Sept. 6, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.45	2.7	4.0	5.7	12	7.9	10	2.9	13	20	3.0	3.3
2	.45	1.7	2.2	5.7	9.8	391	8.1	3.6	13	4.5	3.2	3.3
3	.49	1.4	2.0	12	8.9	70	7.1	5.3	13	3.4	2.9	3.4
4	.44	1.3	2.0	107	8.4	20	6.5	13	13	3.2	4.2	5.2
5	.43	5.0	13	23	15	13	5.9	8.0	14	7.2	4.0	4.2
6	.41	7.0	8.1	13	21	9.3	5.7	6.2	16	9.1	4.4	3.6
7	.39	2.7	3.6	10	14	7.5	5.9	5.3	16	3.8	3.6	3.5
8	.40	1.8	2.5	10	44	6.5	5.1	5.4	15	2.9	3.0	3.2
9	.43	1.3	2.0	8.6	31	5.9	4.9	5.4	15	2.4	2.5	2.9
10	.43	1.3	2.2	7.0	54	21	8.6	5.4	15	2.2	2.2	2.7
11	.42	1.1	4.7	6.3	166	14	4.5	5.6	16	2.0	2.0	2.5
12	.45	1.1	3.9	137	84	8.0	4.3	5.7	16	3.4	2.0	2.3
13	.47	1.1	3.0	35	28	6.5	4.7	5.6	16	2.4	2.1	2.2
14	.46	1.2	23	17	17	6.3	4.3	5.3	16	2.1	2.6	2.6
15	.48	1.4	48	12	13	5.7	4.2	6.1	15	2.4	12	2.1
16	.53	1.7	12	9.6	11	5.2	7.5	13	16	2.2	224	1.8
17	.62	2.2	6.3	9.3	9.5	4.7	5.0	7.7	15	2.0	447	1.8
18	.84	3.3	5.4	21	8.5	4.8	4.3	7.3	15	2.4	16	38
19	1.0	3.1	5.4	13	7.6	4.7	4.1	7.6	16	3.2	6.0	8.8
20	1.1	3.7	5.1	11	6.9	4.2	4.0	7.9	16	3.4	3.9	3.7
21	1.1	4.3	22	9.3	7.1	4.2	3.8	7.8	16	2.9	131	3.0
22	2.6	4.9	9.9	9.0	8.7	4.1	3.7	8.3	15	2.9	130	2.6
23	3.5	6.7	11	8.5	8.3	3.8	3.6	8.6	15	6.6	8.5	2.2
24	1.6	7.9	16	8.1	86	4.3	3.4	9.5	15	3.9	4.6	2.1
25	1.2	7.0	9.3	7.8	20	62	3.4	9.9	15	2.9	3.5	2.1
26	1.1	5.4	6.5	8.1	13	25	3.4	11	16	2.7	3.1	2.1
27	1.2	21	4.9	8.2	9.5	12	3.2	12	359	2.8	2.9	2.0
28	1.1	18	4.3	64	7.5	11	3.4	12	240	14	3.0	2.1
29	1.2	7.6	6.0	27	---	253	3.3	12	450	6.3	3.1	2.0
30	26	5.9	7.0	17	---	32	3.0	12	100	4.1	3.2	2.0
31	6.9	---	6.3	15	---	15	---	13	---	3.2	3.3	---
TOTAL	58.19	134.8	261.6	655.2	729.7	1042.6	148.9	248.4	1541	136.5	1046.8	123.3
MEAN	1.88	4.49	8.44	21.1	26.1	33.6	4.96	8.01	51.4	4.40	33.8	4.11
MAX	26	21	48	137	166	391	10	13	450	20	447	38
MIN	.39	1.1	2.0	5.7	6.9	3.8	3.0	2.9	13	2.0	2.0	1.8
CFSM	.11	.26	.48	1.21	1.50	1.93	.29	.46	2.95	.25	1.94	.24
IN.	.12	.29	.56	1.40	1.56	2.23	.32	.53	3.29	.29	2.24	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	MEAN	8.62	13.9	20.3	33.9	43.6	37.4	14.7	7.97	7.42	4.00	4.71	1.22
MAX	50.5	65.4	50.6	86.5	92.8	90.3	43.8	35.9	51.4	28.4	33.8	4.11	
(WY)	1991	1986	1984	1982	1983	1993	1983	1984	1994	1989	1994	1994	
MIN	.10	.92	2.54	3.07	8.85	5.85	3.72	1.90	.92	.15	.21	.24	
(WY)	1988	1988	1989	1981	1986	1985	1985	1981	1988	1993	1993	1983	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	7548.24	6126.99	16.4
ANNUAL MEAN	20.7	16.8	26.9
HIGHEST ANNUAL MEAN			4.52
LOWEST ANNUAL MEAN			810
HIGHEST DAILY MEAN	564	450	810
LOWEST DAILY MEAN	.07 Jul 27	.39 Oct 7	.05 Jan 4
ANNUAL SEVEN-DAY MINIMUM	.08 Jul 27	.42 Oct 5	.07 Oct 4
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		*15.35 Jun 29	*15.35 Jun 29
ANNUAL RUNOFF (CFSM)	1.19	.96	.94
ANNUAL RUNOFF (INCHES)	16.14	13.10	12.77
10 PERCENT EXCEEDS	38	20	22
50 PERCENT EXCEEDS	3.0	5.6	3.8
90 PERCENT EXCEEDS	.13	1.7	.49

* From flood marks.

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.--Data collection platform. Datum of gage is 362.89 ft above sea level. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

REMARKS.--Records good except for the period Oct. 9 to Dec. 2, which are fair, and estimated daily discharges, Oct. 1 - 8, Dec. 3 - 15, May 24 - 26, 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	420	1300	1040	1090	1060	1500	4730	1240	647	1380	2270	1040
2	400	1030	733	1380	1380	3840	4530	652	615	1420	1170	1670
3	400	955	900	1370	1120	4470	1340	1230	870	1210	1200	3060
4	440	890	400	2770	1070	3560	1740	1620	2060	1560	1640	2180
5	350	1210	1800	2170	1110	3200	1330	1020	4400	1790	1250	2020
6	350	1440	2000	2820	1190	3110	1440	1070	1390	2230	1900	1570
7	355	1370	1500	1540	1380	3070	1570	1110	2490	1520	1190	1790
8	360	386	1200	2170	1120	3050	1540	1100	2130	1600	998	1430
9	365	939	1100	1080	1310	2810	1710	570	1120	1250	931	1700
10	399	558	1200	1950	1860	687	1570	1150	1360	1000	992	1790
11	316	650	545	1630	2250	536	1360	977	1740	656	952	1440
12	421	887	1100	2950	3220	1950	1280	855	1500	1460	764	1520
13	329	304	800	4190	3330	762	1600	765	965	1170	859	1190
14	392	318	2500	3390	2820	1410	650	758	877	1620	915	1500
15	442	1040	1500	2390	2770	1040	1110	796	709	1070	1090	1320
16	395	370	1040	1630	2100	1200	1600	990	1660	955	4070	1250
17	388	553	1110	1840	1170	929	1850	1050	1790	843	8130	1430
18	350	644	1080	2360	597	978	2980	841	1050	930	13500	2690
19	304	622	1110	1950	1610	965	1420	779	1480	1470	14400	4020
20	402	760	1040	2540	1040	591	2970	508	1010	1180	9140	1510
21	397	503	1620	2010	1150	502	644	654	777	1230	5060	1800
22	1080	356	1490	1340	718	1130	1070	727	641	1760	5320	1660
23	562	394	1840	1600	1410	694	1530	673	751	3140	5060	946
24	528	493	1310	1710	3320	1140	1160	550	833	3150	4580	1380
25	462	754	1350	1060	2970	2510	891	800	834	1890	1780	1290
26	639	459	827	766	2890	3290	1300	600	574	2180	2050	1340
27	420	1410	1340	2080	2790	1450	1110	964	3530	1680	1710	1910
28	400	2240	535	2270	1700	2050	1390	571	5830	2180	1750	2120
29	400	2870	1180	3290	---	4840	1040	499	9140	1620	1530	1570
30	2150	1490	1050	3050	---	4980	1340	472	6920	2990	1480	1400
31	1070	---	711	2460	---	4760	---	643	---	2930	1300	---
TOTAL	15686	27195	36951	64846	50455	67004	49795	26234	59693	51064	98981	51536
MEAN	506	906	1192	2092	1802	2161	1660	846	1990	1647	3193	1718
MAX	2150	2870	2500	4190	3330	4980	4730	1620	9140	3150	14400	4020
MIN	304	304	400	766	597	502	644	472	574	656	764	946
CFSM	.37	.67	.88	1.54	1.32	1.59	1.22	.62	1.46	1.21	2.35	1.26
IN.	.43	.74	1.01	1.77	1.38	1.83	1.36	.72	1.63	1.40	2.71	1.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 1994, BY WATER YEAR (WY)

	MEAN	1494	1416	1896	2573	2621	2976	2603	1804	1507	1275	1411	1308
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1927 - 1994

ANNUAL TOTAL	725482	599440	
ANNUAL MEAN	1988	1642	1904
HIGHEST ANNUAL MEAN			3110
LOWEST ANNUAL MEAN			732
HIGHEST DAILY MEAN	12300	Mar 28	14400 Aug 19
LOWEST DAILY MEAN	271	Sep 13	304 ****Oct 19
ANNUAL SEVEN-DAY MINIMUM	356	Oct 5	356 Oct 5
INSTANTANEOUS PEAK FLOW			14700 Aug 19
INSTANTANEOUS PEAK STAGE			20.06 Aug 19
INSTANTANEOUS LOW FLOW			16 ***Nov 15
ANNUAL RUNOFF (CFSM)	1.46		1.21
ANNUAL RUNOFF (INCHES)	19.84		16.40
10 PERCENT EXCEEDS	4440		3050
50 PERCENT EXCEEDS	1130		1290
90 PERCENT EXCEEDS	411		501
			3770
			1410
			496

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

** Caused by construction work upstream of the station.

*** Also occurred on Nov. 22.

**** Also occurred on Nov. 13.

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 sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	127	89	96	184	173	253	79	49	338	94	81
2	36	82	79	96	163	933	208	75	48	191	89	78
3	35	71	76	101	148	1850	183	75	51	147	80	84
4	34	68	74	381	139	1250	169	116	2600	128	92	85
5	32	85	149	352	151	382	156	129	5380	128	94	80
6	30	164	219	210	234	284	147	97	2210	204	156	77
7	31	129	128	170	193	239	149	84	1420	170	96	87
8	31	91	98	156	199	214	136	81	370	125	80	85
9	31	78	87	151	281	196	127	83	280	112	73	79
10	30	73	84	132	240	210	123	76	268	100	68	75
11	28	71	90	124	416	224	120	73	313	91	65	71
12	29	69	86	398	754	186	118	70	201	109	63	68
13	31	69	77	593	464	170	119	68	152	114	68	64
14	32	68	86	324	303	166	119	64	129	94	89	62
15	33	69	236	224	236	160	110	64	115	103	139	61
16	35	68	209	175	204	152	137	69	115	83	494	59
17	36	70	139	157	184	142	162	65	111	76	2490	58
18	38	73	112	210	169	137	123	59	108	72	2700	281
19	36	72	101	219	156	134	111	56	100	97	1320	737
20	35	70	95	167	149	130	105	54	93	132	582	234
21	34	69	176	163	145	127	99	54	83	113	224	122
22	45	65	227	147	146	125	94	55	75	184	618	99
23	70	65	161	142	145	121	92	53	72	523	396	89
24	64	67	188	137	450	121	89	51	68	343	192	84
25	49	68	164	134	546	530	86	49	74	145	151	82
26	45	69	131	132	295	562	85	48	74	111	130	83
27	45	130	112	128	219	292	82	56	164	100	115	87
28	44	333	103	218	186	235	100	62	738	162	104	77
29	44	224	107	391	---	746	99	52	1770	137	97	72
30	139	123	116	265	---	832	85	48	1350	101	90	68
31	238	---	103	213	---	364	---	47	---	89	85	---
TOTAL	1473	2880	3902	6506	7099	11387	3786	2112	18581	4622	11134	3369
MEAN	47.5	96.0	126	210	254	367	126	68.1	619	149	359	112
MAX	238	333	236	593	754	1850	253	129	5380	523	2700	737
MIN	28	65	74	96	139	121	82	47	48	72	63	58
CFSM	.21	.42	.55	.91	1.10	1.60	.55	.30	2.69	.65	1.56	.49
IN.	.24	.47	.63	1.05	1.15	1.84	.61	.34	3.01	.75	1.80	.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1994, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	150	231	162	343	338	522	192	147	198	70.4	125	54.0
MAX	369	572	295	658	532	906	291	316	619	149	359	112
(WY)	1991	1993	1993	1993	1993	1993	1991	1991	1994	1994	1994	1994
MIN	42.0	59.2	75.5	88.1	204	283	126	68.1	74.1	40.2	30.6	23.8
(WY)	1992	1992	1992	1992	1992	1992	1994	1994	1993	1993	1993	1990

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1990 - 1994
ANNUAL TOTAL	88466	76851	
ANNUAL MEAN	242	211	218
HIGHEST ANNUAL MEAN			304
LOWEST ANNUAL MEAN			102
HIGHEST DAILY MEAN	3460	Mar 5	5380
LOWEST DAILY MEAN	15	*Sep 2	28
ANNUAL SEVEN-DAY MINIMUM	19	Sep 11	30
INSTANTANEOUS PEAK FLOW			8400
INSTANTANEOUS PEAK STAGE			15.60
INSTANTANEOUS LOW FLOW			27
ANNUAL RUNOFF (CFSM)	1.05	.92	.95
ANNUAL RUNOFF (INCHES)	14.31	12.43	12.88
10 PERCENT EXCEEDS	449	347	363
50 PERCENT EXCEEDS	96	112	101
90 PERCENT EXCEEDS	28	53	32

* Also occurred on Sept. 3.

**Also occurred on Oct. 12.

SANTEE RIVER BASIN
02167582 BUSH RIVER NEAR PROSPERITY, SC

LOCATION.--Lat 34°10'07'', long 81°36'38'', Newberry County, Hydrologic Unit 03050109, at downstream side near center of bridge on County Road 244, 5.2 mi southwest of Prosperity, and 7.2 mi south of the center of Newberry, SC.

DRAINAGE AREA.--115 mi².

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

GAGE.--Data collection platform. Elevation of gage is 360 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Aug. 2 - 10, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	56	36	42	61	39	117	36	22	302	33	37
2	17	34	32	48	51	970	94	34	23	52	52	36
3	17	29	31	76	46	874	82	44	27	33	44	39
4	16	28	30	450	42	546	74	124	893	27	84	42
5	16	71	106	219	68	215	70	85	1820	48	54	38
6	16	68	90	107	129	131	67	47	753	175	73	39
7	16	47	56	74	78	108	68	36	757	69	45	44
8	16	33	40	66	108	95	63	38	312	37	37	41
9	18	30	36	59	140	87	58	37	192	27	34	39
10	20	29	35	51	187	169	57	34	280	25	32	37
11	16	28	42	47	627	139	56	34	280	23	29	36
12	16	28	36	392	561	99	54	35	105	22	28	33
13	16	27	34	332	281	82	58	31	64	22	27	32
14	17	27	38	151	122	79	55	28	52	28	30	31
15	18	27	107	72	72	77	56	27	44	23	70	30
16	18	27	92	51	55	73	91	37	60	24	836	29
17	18	28	56	46	47	69	87	31	53	22	1610	29
18	18	28	44	99	40	66	64	28	43	22	1040	528
19	18	29	39	77	36	63	52	27	38	24	478	309
20	18	30	38	55	33	59	49	26	33	55	133	149
21	18	28	118	47	31	57	46	26	33	42	186	67
22	72	27	94	43	33	57	43	26	29	31	241	49
23	67	28	76	41	35	56	41	24	26	170	229	43
24	29	28	103	39	430	72	40	23	26	174	113	41
25	24	28	75	37	273	627	39	23	33	53	70	39
26	22	27	56	37	111	368	38	23	28	35	57	39
27	21	59	46	38	56	169	38	35	306	35	52	41
28	21	138	42	213	42	117	40	27	350	85	47	38
29	21	79	47	200	---	571	41	25	1300	61	43	35
30	308	43	53	115	---	402	38	23	528	44	42	33
31	115	---	46	84	---	191	---	22	---	35	40	---
TOTAL	1060	1189	1774	3408	3795	6727	1776	1096	8510	1825	5889	2023
MEAN	34.2	39.6	57.2	110	136	217	59.2	35.4	284	58.9	190	67.4
MAX	308	138	118	450	627	970	117	124	1820	302	1610	528
MIN	16	27	30	37	31	39	38	22	22	22	27	29
CFSM	.30	.34	.50	.96	1.18	1.89	.51	.31	2.47	.51	1.65	.59
IN.	.34	.38	.57	1.10	1.23	2.18	.57	.35	2.75	.59	1.90	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1994, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	136	124	74.6	202	193	266	97.2	63.8	92.2	41.8	83.8	34.1
MAX	294	338	140	385	333	480	145	131	284	70.5	190	67.4
(WY)	1991	1993	1993	1993	1993	1993	1991	1991	1994	1991	1994	1994
MIN	24.7	30.3	44.5	50.8	121	120	59.0	35.4	28.4	20.9	24.1	22.7
(WY)	1992	1992	1992	1992	1992	1990	1990	1994	1993	1990	1990	1990

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1990 - 1994
ANNUAL TOTAL	48646	39072	
ANNUAL MEAN	133	107	125
HIGHEST ANNUAL MEAN			178
LOWEST ANNUAL MEAN			60.9
HIGHEST DAILY MEAN	2530	1820	2530
LOWEST DAILY MEAN	12	16	12
ANNUAL SEVEN-DAY MINIMUM	13	16	13
INSTANTANEOUS PEAK FLOW		2840	3410
INSTANTANEOUS PEAK STAGE		13.08	14.15
INSTANTANEOUS LOW FLOW		15	12
ANNUAL RUNOFF (CFSM)	1.16	.93	1.08
ANNUAL RUNOFF (INCHES)	15.74	12.64	14.73
10 PERCENT EXCEEDS	297	223	251
50 PERCENT EXCEEDS	39	44	44
90 PERCENT EXCEEDS	17	23	20

* Also occurred on Oct. 5 - 8, 11 - 13.

SANTEE RIVER BASIN
021677037 LITTLE SALUDA RIVER AT SALUDA, SC

LOCATION.--Lat 34°00'29'', long 81°44'30'', Saluda County, Hydrologic Unit 03050109, on downstream side of bridge on US Highway 378, 2.0 mi east of Saluda.

DRAINAGE AREA.--90.0 mi².

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

GAGE.--Data collection platform. Elevation of gage is 370 ft above sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.53	22	4.9	11	46	49	66	14	7.3	37	88	10
2	.56	12	3.8	17	28	2720	48	14	6.4	17	151	8.4
3	.57	7.6	3.6	48	20	549	36	15	6.0	12	42	46
4	.57	5.8	3.5	704	16	181	30	88	5.6	24	540	44
5	.60	6.0	34	124	27	121	27	60	5.0	197	73	15
6	.66	15	27	52	123	85	25	25	4.6	271	37	12
7	.71	11	11	30	56	65	24	19	4.4	47	23	11
8	.74	6.6	7.0	26	158	54	21	15	4.5	18	18	9.8
9	.77	4.9	5.3	23	182	43	17	14	5.3	16	16	8.5
10	.80	3.9	4.7	15	238	153	16	14	6.0	12	14	7.3
11	.83	3.4	8.1	12	1000	147	16	12	5.4	8.5	12	6.7
12	.86	3.2	14	533	514	70	14	11	4.6	6.4	9.5	5.3
13	.89	3.1	10	161	146	49	13	10	4.7	6.0	7.9	4.4
14	.88	3.0	16	70	86	43	15	9.9	4.6	7.4	6.9	3.4
15	.90	2.9	125	35	56	35	14	9.9	4.4	7.8	119	2.9
16	.93	2.9	36	20	41	29	150	12	4.1	5.2	949	2.7
17	.97	2.8	16	18	32	26	53	16	4.0	3.6	2490	2.6
18	1.0	2.8	10	135	28	23	25	13	3.8	4.2	186	506
19	1.1	2.8	7.7	60	24	20	18	11	3.8	23	1300	156
20	1.1	2.8	8.9	31	22	18	14	9.1	3.8	17	116	34
21	1.2	2.8	103	20	21	17	12	8.9	3.8	12	198	16
22	22	2.8	48	17	22	17	11	8.9	3.8	54	631	13
23	80	2.8	28	15	26	15	9.6	9.1	3.5	428	94	12
24	9.2	2.8	79	14	863	15	9.1	9.4	3.5	52	50	10
25	4.0	2.9	37	13	181	598	9.1	9.7	3.5	21	30	9.0
26	2.5	2.9	21	11	101	161	10	9.9	3.5	15	21	12
27	2.2	6.3	14	11	66	85	12	9.9	2300	273	17	13
28	2.1	18	11	347	51	60	12	9.9	1330	406	14	10
29	2.2	11	11	160	---	814	13	9.8	2430	102	14	7.1
30	990	6.9	12	86	---	188	14	9.0	104	36	13	4.9
31	97	---	13	92	---	99	---	8.1	---	21	11	---
TOTAL	1228.37	183.7	733.5	2911	4174	6549	753.8	494.5	6283.9	2160.1	7291.3	1003.0
MEAN	39.6	6.12	23.7	93.9	149	211	25.1	16.0	209	69.7	235	33.4
MAX	990	22	125	704	1000	2720	150	88	2430	428	2490	506
MIN	.53	2.8	3.5	11	16	15	9.1	8.1	3.5	3.6	6.9	2.6
CFSM	.44	.07	.26	1.04	1.66	2.35	.28	.18	2.33	.77	2.61	.37
IN.	.51	.08	.30	1.20	1.73	2.71	.31	.20	2.60	.89	3.01	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
MEAN	62.3	139	92.2	258	201	333	47.4	11.9	106	35.5	118	21.7
MAX	85.0	271	161	422	253	454	69.7	16.0	209	69.7	235	33.4
(WY)	1993	1993	1993	1993	1993	1993	1993	1994	1994	1994	1994	1994
MIN	39.6	6.12	23.7	93.9	149	211	25.1	7.90	2.04	1.34	.48	9.89
(WY)	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1993 - 1994

ANNUAL TOTAL	39142.76	33766.17	119
ANNUAL MEAN	107	92.5	145
HIGHEST ANNUAL MEAN			92.5
LOWEST ANNUAL MEAN			145
HIGHEST DAILY MEAN	3800	2720	3800
LOWEST DAILY MEAN	.29	.53	.29
ANNUAL SEVEN-DAY MINIMUM	.36	.60	.36
INSTANTANEOUS PEAK FLOW		5150	5150
INSTANTANEOUS PEAK STAGE		17.96	17.96
ANNUAL RUNOFF (CFSM)	1.19	1.03	1.32
ANNUAL RUNOFF (INCHES)	16.18	13.96	17.89
10 PERCENT EXCEEDS	177	157	200
50 PERCENT EXCEEDS	6.0	14	14
90 PERCENT EXCEEDS	.44	2.9	.83

* Also occurred on Sept. 27.

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Data collection platform. Datum of gage is 0.64 ft below sea level. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 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, 358.69 ft, June 6, minimum gage height, 350.14 ft, Jan. 20.

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 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	352.80	352.31	351.28	350.24	351.18	353.44	356.69	357.44	357.72	358.40	357.83	357.09
2	352.72	352.31	351.20	350.30	351.20	354.09	356.85	357.38	357.70	358.37	357.75	356.96
3	352.67	352.27	351.13	350.33	351.23	354.32	356.88	357.45	357.68	357.87	357.76	356.97
4	352.76	352.34	351.12	350.55	351.20	354.47	356.88	357.62	358.03	357.94	357.75	356.99
5	352.70	352.32	351.04	350.57	351.26	354.59	356.89	357.63	358.47	357.52	357.69	357.04
6	352.61	352.32	351.03	350.62	351.31	354.69	356.95	357.65	358.59	357.17	357.67	357.17
7	352.59	352.32	351.04	350.56	351.34	354.79	356.91	357.67	358.41	357.18	357.59	357.07
8	352.53	352.33	351.06	350.60	351.43	354.90	356.95	357.68	358.43	357.24	357.55	357.05
9	352.47	352.32	350.90	350.56	351.51	355.00	356.99	357.70	358.38	357.22	357.49	356.91
10	352.41	352.29	350.95	350.52	351.66	355.12	356.96	357.73	358.38	357.20	357.45	356.86
11	352.35	352.26	350.86	350.47	352.01	354.96	356.97	357.75	358.45	357.17	357.37	356.83
12	352.30	352.22	350.80	350.73	352.28	354.99	357.00	357.76	358.46	357.20	357.30	356.67
13	352.21	352.13	350.72	350.95	352.44	354.97	357.01	357.71	358.38	357.19	357.25	356.55
14	352.18	352.13	350.67	351.02	352.53	354.95	356.99	357.72	358.16	357.20	357.21	356.22
15	352.17	352.03	350.70	350.89	352.66	354.89	357.00	357.78	358.01	357.17	357.29	355.87
16	352.16	351.98	350.61	350.70	352.71	354.87	357.11	357.77	357.76	357.14	357.36	355.83
17	352.11	351.87	350.57	350.67	352.74	354.85	357.12	357.73	357.69	357.19	357.37	355.76
18	352.11	351.73	350.51	350.62	352.75	354.83	357.28	357.70	357.69	357.24	357.22	356.13
19	352.06	351.67	350.52	350.21	352.74	354.82	357.31	357.70	357.70	357.24	357.17	356.28
20	352.01	351.54	350.47	350.26	352.76	354.73	357.40	357.72	357.61	357.39	357.12	356.28
21	351.99	351.58	350.48	350.27	352.76	354.74	357.42	357.73	357.47	357.43	357.23	356.24
22	352.01	351.47	350.56	350.27	352.74	354.78	357.37	357.71	357.42	357.51	357.32	355.94
23	352.09	351.38	350.59	350.22	352.81	354.81	357.39	357.73	357.38	357.58	357.45	355.95
24	351.98	351.30	350.62	350.25	353.13	354.88	357.38	357.75	357.32	357.73	357.45	355.99
25	351.95	351.12	350.62	350.29	353.28	355.18	357.35	357.68	357.25	357.75	357.35	356.02
26	351.95	351.07	350.53	350.33	353.35	355.36	357.36	357.77	357.19	357.75	357.37	355.98
27	351.87	351.25	350.49	350.39	353.42	355.48	357.43	357.69	357.67	357.71	357.31	355.98
28	351.84	351.39	350.47	350.58	353.39	355.62	357.42	357.73	358.25	357.74	357.28	355.94
29	351.86	351.38	350.43	350.74	---	356.00	357.37	357.75	358.47	357.72	357.22	355.76
30	352.24	351.34	350.37	350.97	---	356.29	357.39	357.70	358.60	357.70	357.18	355.68
31	352.29	---	350.27	351.11	---	356.50	---	357.69	---	357.71	357.16	---
MAX	352.80	352.34	351.28	351.11	353.42	356.50	357.43	357.78	358.60	358.40	357.83	357.17
MIN	351.84	351.07	350.27	350.21	351.18	353.44	356.69	357.38	357.19	357.14	357.12	355.68
(+)	54.84	53.12	51.24	52.71	56.87	62.92	64.74	65.36	67.28	65.40	64.26	61.28
(*)	-388	-664	-702	+549	+1720	+2259	+702	+231	+741	-702	-426	-1150

CAL YR 1993 * -284 MAX 358.22 MIN 350.27

WTR YR 1994 * +171 MAX 358.60 MIN 350.21

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

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

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--October 1992 to current year.

WATER TEMPERATURE (Top): October 1992 to current year.

WATER TEMPERATURE (Bottom): October 1992 to current year.

DISSOLVED OXYGEN (Top): October 1992 to current year.

DISSOLVED OXYGEN (Bottom): October 1992 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE (Top): Maximum, 33.5°C, July 6, 1993; minimum, 7.5°C, Jan. 27, 28, Feb. 1, 3, 1994.

WATER TEMPERATURE (Bottom): Maximum, 25.0°C, several days in Sept. 1993; minimum, 7.5°C, many days in Jan., Feb., 1994.

DISSOLVED OXYGEN (Top): Maximum, 12.0 mg/L, Mar. 30, 1993; minimum, 1.8 mg/L, Nov. 6, 1993.

DISSOLVED OXYGEN (Bottom): Maximum, 11.8 mg/L, Mar. 23, 24, 1993; minimum, 0.0 mg/L many days in 1993, 1994 water year.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 31.5°C, June 22; minimum, 7.5°C, Jan. 27, 28, Feb. 1, 3.

WATER TEMPERATURE (Bottom): Maximum, 25.0°C, several days in Sept.; minimum, 7.5°C, many days in Jan., Feb.

DISSOLVED OXYGEN (Top): Maximum, 11.2 mg/L, Feb. 8; minimum 1.8 mg/L, Nov. 6.

DISSOLVED OXYGEN (Bottom): Maximum, 10.2 mg/L, Feb. 8; minimum, 0.0 mg/L, many days.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	16.0	15.5	15.5	11.5	11.0	11.5
2	26.0	25.0	25.5	---	---	---	16.0	15.5	15.5	11.5	11.0	11.0
3	26.5	25.0	25.5	---	---	---	15.5	15.0	15.5	11.5	11.0	11.0
4	25.5	24.5	25.0	---	---	---	15.5	15.5	15.5	12.0	11.0	11.0
5	25.5	25.0	25.0	---	---	---	16.0	15.5	15.5	11.5	11.0	11.0
6	25.0	24.5	24.5	---	---	---	16.0	15.5	15.5	11.5	11.0	11.0
7	24.5	24.0	24.0	---	---	---	15.5	15.0	15.5	11.5	10.5	11.0
8	25.0	24.0	24.0	---	---	---	15.5	15.0	15.0	11.5	10.5	11.0
9	25.0	23.5	24.0	---	---	---	15.5	15.0	15.0	11.5	10.5	11.0
10	25.0	23.5	24.5	---	---	---	15.5	14.5	15.0	11.0	10.5	10.5
11	23.5	22.0	22.5	---	---	---	15.5	14.5	15.0	10.5	10.0	10.5
12	---	---	---	---	---	---	15.0	14.5	14.5	10.5	10.0	10.5
13	---	---	---	---	---	---	14.5	14.0	14.5	10.5	10.0	10.5
14	---	---	---	---	---	---	14.5	14.0	14.0	11.0	9.5	10.5
15	---	---	---	---	---	---	14.5	13.5	14.0	10.5	9.0	9.5
16	---	---	---	---	---	---	14.0	13.5	14.0	9.0	8.5	9.0
17	---	---	---	---	---	---	14.0	13.0	13.5	8.5	8.5	8.5
18	---	---	---	---	---	---	14.0	13.0	13.5	8.5	8.5	8.5
19	---	---	---	---	---	---	13.5	13.0	13.5	8.5	8.0	8.5
20	---	---	---	---	---	---	13.5	13.0	13.5	9.0	8.0	8.5
21	---	---	---	---	---	---	13.0	12.5	13.0	9.0	8.5	8.5
22	---	---	---	---	---	---	13.5	13.0	13.0	8.5	8.5	8.5
23	---	---	---	---	---	---	13.5	12.5	13.0	8.5	8.0	8.5
24	---	---	---	---	---	---	13.5	12.5	13.0	8.5	8.0	8.5
25	---	---	---	16.5	16.0	16.0	13.5	12.0	12.5	9.0	8.0	8.5
26	---	---	---	16.5	16.0	16.0	12.5	11.5	12.0	10.0	8.0	9.0
27	---	---	---	16.5	16.0	16.0	12.0	11.5	12.0	9.0	7.5	8.0
28	---	---	---	16.5	16.0	16.0	12.5	12.0	12.0	8.5	7.5	8.0
29	---	---	---	16.5	16.0	16.0	12.5	11.5	12.0	8.5	8.0	8.5
30	---	---	---	16.0	15.5	16.0	12.0	11.5	12.0	8.5	8.0	8.5
31	---	---	---	---	---	---	12.0	11.5	11.5	8.0	7.5	7.5
MONTH	26.5	22.0	24.4	16.5	15.5	16.0	16.0	11.5	13.9	12.0	7.5	9.6

SANTÉE RIVER BASIN

02168500 LAKE MURRAY AT COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

BOTTOM												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	19.0	19.0	19.0	15.0	15.0	15.0	11.0	10.5	10.5
2	18.5	18.0	18.0	19.0	18.5	18.5	15.0	15.0	15.0	11.0	10.5	10.5
3	18.5	18.0	18.0	18.5	18.0	18.5	15.0	14.5	15.0	10.5	10.5	10.5
4	18.5	18.0	18.0	18.5	18.0	18.5	15.0	14.5	14.5	11.0	10.5	10.5
5	18.5	18.0	18.0	18.5	18.0	18.0	15.0	15.0	15.0	10.5	10.5	10.5
6	18.5	18.0	18.0	18.5	18.0	18.0	15.0	14.5	14.5	10.5	10.0	10.5
7	18.5	18.0	18.0	18.5	17.5	18.0	14.5	14.5	14.5	10.5	10.5	10.5
8	18.5	18.0	18.0	18.0	17.5	17.5	14.5	14.5	14.5	10.5	10.5	10.5
9	18.5	18.0	18.0	17.5	17.5	17.5	14.5	14.0	14.5	10.5	10.0	10.5
10	18.5	18.0	18.5	17.5	17.0	17.5	14.5	14.0	14.5	10.0	10.0	10.0
11	18.5	18.0	18.5	17.0	17.0	17.0	14.5	14.0	14.5	10.0	10.0	10.0
12	18.5	18.5	18.5	17.0	17.0	17.0	14.0	14.0	14.0	10.0	10.0	10.0
13	18.5	18.0	18.5	17.0	16.5	17.0	14.0	13.5	13.5	10.0	9.5	9.5
14	18.5	18.0	18.5	17.0	16.5	16.5	13.5	13.5	13.5	10.0	9.5	10.0
15	18.5	18.0	18.5	16.5	16.5	16.5	13.5	13.0	13.5	10.0	9.5	9.5
16	18.5	18.0	18.5	16.5	16.5	16.5	13.5	13.0	13.0	9.5	9.0	9.0
17	19.0	18.5	18.5	16.5	16.0	16.5	13.0	13.0	13.0	9.0	9.0	9.0
18	19.5	18.5	18.5	16.5	16.0	16.5	13.0	13.0	13.0	9.0	8.5	9.0
19	19.0	18.5	18.5	16.5	16.0	16.0	13.0	13.0	13.0	8.5	8.5	8.5
20	19.0	18.5	18.5	17.0	16.0	16.5	13.0	12.5	13.0	8.5	8.5	8.5
21	19.0	18.5	18.5	16.5	16.0	16.0	13.0	12.5	12.5	8.5	8.0	8.5
22	19.5	18.5	18.5	16.0	16.0	16.0	12.5	12.5	12.5	8.5	8.0	8.0
23	19.0	18.0	18.5	16.0	15.5	16.0	12.5	12.5	12.5	8.0	8.0	8.0
24	19.0	18.5	18.5	16.0	15.5	16.0	12.5	12.0	12.5	8.0	8.0	8.0
25	19.0	18.0	18.5	16.0	15.5	15.5	12.5	12.0	12.0	8.0	8.0	8.0
26	19.0	18.5	18.5	15.5	15.5	15.5	12.0	11.5	11.5	8.0	7.5	8.0
27	20.0	18.5	19.0	15.5	15.5	15.5	11.5	11.5	11.5	8.0	7.5	7.5
28	21.0	19.0	20.5	15.5	15.5	15.5	11.5	11.5	11.5	8.0	7.5	7.5
29	20.5	18.5	20.0	15.5	15.0	15.5	11.5	11.0	11.0	8.0	7.5	8.0
30	20.0	18.0	19.0	15.0	15.0	15.0	11.5	11.0	11.0	7.5	7.5	7.5
31	20.0	19.0	19.5	---	---	---	11.0	11.0	11.0	7.5	7.5	7.5
MONTH	21.0	18.0	18.5	19.0	15.0	16.8	15.0	11.0	13.2	11.0	7.5	9.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.0	7.5	8.0	9.5	9.0	9.5	12.5	11.5	12.0	13.5	12.0	12.5
2	8.0	7.5	8.0	9.5	9.0	9.0	12.5	11.0	11.5	13.0	12.5	12.5
3	8.0	7.5	8.0	9.5	9.5	9.5	12.0	11.5	12.0	13.0	12.5	12.5
4	8.0	7.5	7.5	10.0	9.5	10.0	13.0	12.0	12.5	13.0	12.5	13.0
5	8.0	7.5	8.0	10.0	10.0	10.0	12.5	11.5	12.0	13.0	12.5	12.5
6	8.0	7.5	8.0	10.0	9.5	10.0	12.0	11.5	12.0	13.0	12.5	13.0
7	8.0	7.5	7.5	10.0	9.5	10.0	13.5	12.0	12.5	13.5	12.5	13.0
8	8.5	7.5	8.0	10.0	10.0	10.0	13.0	12.0	12.0	13.5	12.5	13.0
9	9.0	8.5	8.5	10.0	10.0	10.0	12.5	12.0	12.0	13.0	12.5	12.5
10	8.5	7.5	8.0	10.5	10.0	10.0	12.5	12.0	12.5	13.5	13.0	13.0
11	8.0	7.5	8.0	11.5	10.0	11.0	13.0	12.5	12.5	13.5	12.5	13.0
12	8.0	8.0	8.0	11.0	10.0	10.5	12.5	12.0	12.0	13.5	12.5	13.0
13	8.5	8.0	8.0	10.5	10.0	10.0	12.5	12.0	12.0	13.5	12.5	13.0
14	8.5	8.0	8.0	11.0	10.0	10.5	13.0	12.0	12.5	13.5	13.0	13.0
15	8.5	8.0	8.0	12.5	10.5	11.0	12.5	12.0	12.0	13.5	12.5	13.0
16	8.0	8.0	8.0	12.5	10.5	11.5	13.0	12.0	12.5	14.0	13.0	13.5
17	8.0	8.0	8.0	12.5	11.5	12.0	13.0	12.0	12.5	13.5	13.0	13.0
18	8.0	8.0	8.0	13.0	11.0	12.5	12.5	12.0	12.5	13.5	13.0	13.0
19	8.0	8.0	8.0	13.0	12.0	12.5	13.0	12.5	12.5	13.5	13.0	13.5
20	8.0	8.0	8.0	12.5	11.5	12.0	13.0	12.5	12.5	14.0	13.0	13.5
21	8.5	8.0	8.0	12.0	11.0	11.5	12.5	11.5	12.0	14.0	13.0	13.5
22	8.5	8.0	8.0	12.0	10.5	11.5	13.0	12.0	12.5	14.0	13.0	13.5
23	8.5	8.0	8.5	12.0	10.5	11.0	12.5	12.0	12.5	14.0	13.0	13.5
24	10.0	8.5	9.0	11.5	10.5	11.0	13.5	12.0	12.5	14.0	13.5	13.5
25	9.5	9.0	9.0	12.0	10.5	11.5	13.0	12.0	12.5	14.0	13.5	13.5
26	9.5	9.0	9.5	12.0	10.5	11.5	13.0	12.0	12.5	14.0	13.5	13.5
27	9.5	9.0	9.0	12.0	10.5	11.0	13.0	12.0	12.5	14.0	13.5	13.5
28	9.5	9.0	9.5	12.0	10.5	11.0	13.0	12.0	12.5	14.0	13.5	13.5
29	---	---	---	13.0	12.0	12.5	13.0	12.0	12.5	14.0	13.5	14.0
30	---	---	---	13.0	11.5	12.0	13.0	12.5	12.5	14.0	13.5	14.0
31	---	---	---	12.0	11.5	11.5	---	---	---	14.0	13.5	14.0
MONTH	10.0	7.5	8.2	13.0	9.0	10.9	13.5	11.0	12.3	14.0	12.0	13.2

SANTÉE RIVER BASIN

02168500 LAKE MURRAY AT COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

TOP												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	5.7	4.4	5.2	7.5	7.2	7.4	9.8	9.7	9.8
2	7.8	7.1	7.4	4.8	3.2	3.9	7.6	7.5	7.6	9.8	9.6	9.7
3	8.0	7.5	7.8	4.7	3.1	3.7	7.8	7.6	7.7	9.7	9.6	9.6
4	8.0	7.4	7.7	3.9	2.6	3.3	8.0	7.7	7.8	10.2	9.7	10.0
5	8.3	7.6	8.0	4.2	2.9	3.4	8.2	7.9	8.1	10.1	10.0	10.0
6	8.2	7.3	7.6	4.8	1.8	3.4	8.3	8.2	8.2	10.2	9.9	10.0
7	7.7	7.1	7.3	4.5	3.5	4.1	8.3	8.1	8.2	10.1	9.9	10.0
8	8.3	7.4	7.8	4.1	3.3	3.7	8.3	8.1	8.2	10.2	10.0	10.1
9	8.2	7.5	7.9	3.9	3.1	3.4	8.4	8.3	8.3	10.1	9.9	10.0
10	8.4	7.4	8.1	4.1	2.8	3.3	8.4	8.3	8.4	10.0	9.9	9.9
11	7.4	7.0	7.2	4.6	2.2	3.4	8.8	8.3	8.7	10.2	9.8	9.9
12	7.8	7.2	7.6	5.5	4.2	4.8	8.9	8.7	8.8	10.1	9.8	10.0
13	8.0	7.4	7.7	5.9	5.2	5.7	8.9	8.7	8.8	10.0	9.9	10.0
14	7.8	7.1	7.5	6.1	5.8	5.9	8.9	8.8	8.9	10.4	9.9	10.1
15	7.6	6.9	7.2	6.3	5.4	5.9	9.1	8.9	9.0	10.4	10.2	10.3
16	7.3	7.0	7.2	6.3	5.9	6.1	9.2	9.1	9.1	10.6	10.1	10.2
17	7.7	7.2	7.4	6.7	6.0	6.3	9.1	9.0	9.1	10.4	10.1	10.2
18	---	---	---	6.4	5.9	6.2	9.3	9.0	9.1	10.6	10.4	10.4
19	---	---	---	6.6	6.1	6.2	9.4	9.1	9.3	10.6	10.2	10.4
20	---	---	---	6.7	6.1	6.4	9.2	9.1	9.1	10.6	10.3	10.4
21	---	---	---	6.3	6.0	6.2	9.6	9.1	9.4	10.5	10.2	10.3
22	7.4	6.2	6.7	---	---	---	9.6	9.5	9.6	10.5	10.2	10.4
23	6.6	6.2	6.4	---	---	---	9.6	9.3	9.5	10.4	10.1	10.3
24	6.6	6.1	6.3	---	---	---	9.5	9.4	9.5	10.5	10.2	10.3
25	6.6	6.1	6.3	6.0	5.6	5.8	10.0	9.5	9.7	10.6	10.2	10.4
26	6.6	6.2	6.4	6.1	5.7	5.9	10.0	9.8	10.0	10.8	10.3	10.6
27	6.9	6.5	6.7	6.2	5.5	5.8	10.1	9.9	10.0	10.8	10.3	10.4
28	7.3	6.9	7.1	7.3	6.1	6.8	10.0	9.8	9.9	10.7	10.3	10.5
29	7.1	6.7	6.9	7.5	7.2	7.4	9.9	9.8	9.8	10.8	10.6	10.7
30	6.9	6.6	6.7	7.3	7.1	7.2	10.0	9.7	9.9	10.8	10.4	10.6
31	6.8	4.3	5.7	---	---	---	9.8	9.7	9.7	10.4	10.2	10.3
MONTH	8.4	4.3	7.2	7.5	1.8	5.2	10.1	7.2	8.9	10.8	9.6	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.7	10.3	10.6	10.6	10.3	10.5	9.5	9.1	9.3	---	---	---
2	10.9	10.6	10.8	10.6	10.3	10.4	9.6	9.2	9.3	---	---	---
3	10.9	10.7	10.8	11.0	10.6	10.8	9.3	9.0	9.2	---	---	---
4	10.9	10.6	10.7	11.0	10.7	10.8	9.2	8.8	9.0	---	---	---
5	10.9	10.7	10.8	11.0	10.5	10.7	9.2	8.8	9.0	---	---	---
6	10.9	10.5	10.7	10.6	10.3	10.5	9.0	8.6	8.9	---	---	---
7	11.0	10.5	10.7	10.8	10.3	10.6	8.8	8.4	8.7	---	---	---
8	11.2	10.7	10.9	10.9	10.4	10.6	8.8	8.4	8.6	---	---	---
9	11.1	10.8	11.0	10.4	10.1	10.2	8.8	8.4	8.6	---	---	---
10	11.0	10.5	10.8	10.2	10.0	10.1	9.0	8.5	8.7	---	---	---
11	10.7	10.5	10.6	10.2	9.8	9.9	9.4	8.5	8.9	---	---	---
12	10.7	10.6	10.6	10.3	9.8	10.0	9.4	8.5	8.9	8.8	8.4	8.6
13	11.0	10.6	10.8	10.4	9.9	10.1	8.9	8.6	8.7	8.8	7.7	8.3
14	11.0	10.7	10.9	10.2	9.9	10.0	8.9	8.5	8.7	8.7	8.1	8.3
15	11.1	10.7	10.9	10.2	9.8	9.9	9.0	8.5	8.7	8.7	7.3	8.2
16	10.9	10.6	10.7	10.0	9.7	9.8	8.7	8.3	8.5	8.5	8.1	8.3
17	10.8	10.6	10.7	9.9	9.7	9.7	8.7	8.2	8.4	8.5	7.7	8.1
18	10.8	10.5	10.7	9.8	9.5	9.7	8.6	8.1	8.3	8.1	7.5	7.9
19	10.9	10.4	10.6	9.8	9.5	9.6	8.9	8.2	8.5	8.1	6.0	6.8
20	10.8	10.4	10.6	9.8	9.4	9.6	8.8	8.4	8.5	7.9	6.6	7.4
21	10.8	10.5	10.6	9.9	9.5	9.7	8.7	8.2	8.4	7.9	7.4	7.7
22	11.0	10.5	10.6	9.8	9.5	9.6	8.6	7.7	8.1	8.1	7.5	7.7
23	11.0	10.5	10.7	10.0	9.6	9.8	7.9	7.5	7.7	8.1	7.1	7.7
24	11.0	10.5	10.8	9.8	9.5	9.6	8.6	7.7	8.2	8.0	6.8	7.5
25	10.8	10.6	10.7	9.7	9.3	9.5	8.5	8.1	8.3	8.1	7.5	7.8
26	11.0	10.6	10.8	9.7	9.3	9.4	8.5	7.9	8.2	7.9	7.2	7.6
27	10.8	10.6	10.6	9.5	9.3	9.4	---	---	---	7.7	7.0	7.5
28	10.7	10.5	10.6	9.3	8.9	9.1	---	---	---	7.9	7.0	7.6
29	---	---	---	9.3	8.8	9.1	---	---	---	8.0	7.4	7.7
30	---	---	---	9.7	9.0	9.3	---	---	---	8.0	7.1	7.5
31	---	---	---	9.6	9.1	9.3	---	---	---	7.4	6.4	6.9
MONTH	11.2	10.3	10.7	11.0	8.8	9.9	9.6	7.5	8.6	8.8	6.0	7.8

SANTEE RIVER BASIN

02168500 LAKE MURRAY AT COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY												
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
<u>BOTTOM</u>												
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	6.7	6.3	6.5	6.5	5.2	5.8	8.5	8.1	8.3
2	.0	.0	.0	6.5	6.1	6.3	6.8	6.5	6.6	8.5	8.2	8.3
3	.0	.0	.0	6.4	4.9	5.8	7.0	6.7	6.8	8.6	8.2	8.3
4	.0	.0	.0	6.2	5.0	5.7	7.2	7.0	7.1	8.6	8.4	8.5
5	.0	.0	.0	6.2	5.6	6.0	7.7	7.1	7.4	8.5	8.5	8.5
6	.0	.0	.0	6.2	4.2	5.8	7.8	7.4	7.6	8.5	8.4	8.5
7	.0	.0	.0	6.0	5.0	5.4	8.0	7.6	7.7	8.6	8.5	8.5
8	.0	.0	.0	5.5	4.4	5.1	7.9	7.5	7.7	8.7	8.6	8.6
9	.0	.0	.0	5.6	4.5	5.1	8.1	7.7	7.8	8.6	8.6	8.6
10	.0	.0	.0	5.3	4.1	4.7	8.0	7.5	7.7	8.6	8.5	8.6
11	.0	.0	.0	5.2	3.2	4.4	8.4	7.8	8.1	8.6	8.5	8.5
12	.0	.0	.0	5.9	5.2	5.6	8.5	8.1	8.3	9.0	8.5	8.8
13	.0	.0	.0	5.9	5.2	5.6	8.7	8.1	8.2	8.8	8.4	8.7
14	.0	.0	.0	5.6	3.9	5.1	8.2	8.0	8.1	8.9	8.4	8.7
15	.0	.0	.0	6.0	3.6	5.0	8.5	7.9	8.1	9.0	8.8	8.9
16	.0	.0	.0	5.9	5.3	5.7	8.5	8.1	8.3	8.9	8.8	8.8
17	.8	.0	.0	6.0	5.4	5.7	8.6	8.2	8.3	9.3	8.8	8.9
18	1.2	.0	.1	5.7	5.2	5.5	8.4	8.2	8.3	9.2	8.8	9.0
19	.0	.0	.0	5.5	5.1	5.4	8.6	8.2	8.3	9.0	8.9	9.0
20	.0	.0	.0	5.9	4.8	5.5	8.4	8.0	8.3	9.0	8.9	8.9
21	.1	.0	.0	5.3	4.8	5.1	9.1	8.1	8.7	9.0	8.9	9.0
22	.5	.0	.1	5.2	4.9	5.0	9.1	8.6	8.9	9.1	8.9	9.0
23	.7	.0	.1	5.1	4.8	5.0	8.9	8.2	8.6	9.1	8.7	9.0
24	.4	.0	.1	5.6	4.9	5.2	8.4	8.1	8.2	9.0	8.9	9.0
25	.7	.0	.2	5.5	4.1	5.1	8.4	8.1	8.2	9.0	8.9	8.9
26	.8	.0	.1	4.1	2.2	3.1	8.5	8.4	8.4	9.0	8.9	8.9
27	4.5	.0	1.5	2.5	1.7	2.0	8.5	8.4	8.5	9.1	8.9	9.0
28	6.8	2.0	5.3	3.0	2.5	2.8	8.5	8.4	8.5	9.6	8.9	9.3
29	7.0	.3	4.3	5.0	3.0	4.1	8.5	8.4	8.4	9.2	9.0	9.1
30	6.8	.0	2.9	5.2	4.2	4.5	8.4	8.3	8.4	9.3	9.0	9.1
31	6.9	5.3	6.2	---	---	---	8.3	8.2	8.2	9.0	8.9	9.0
MONTH	7.0	.0	.7	6.7	1.7	5.1	9.1	5.2	8.0	9.6	8.1	8.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.3	8.9	9.1	9.5	9.2	9.3	7.0	6.7	6.8	8.1	7.4	7.8
2	9.3	9.2	9.3	9.7	9.3	9.5	7.0	6.7	6.8	8.0	7.5	7.8
3	9.3	9.2	9.3	9.4	9.2	9.3	6.9	6.7	6.8	9.6	7.5	8.1
4	9.3	9.2	9.3	9.3	9.2	9.3	7.1	6.7	6.8	9.9	8.1	9.0
5	9.9	9.2	9.5	9.3	9.2	9.2	7.0	6.7	6.8	8.2	7.8	8.0
6	9.6	9.3	9.4	9.3	9.1	9.2	7.1	6.7	6.9	8.1	7.6	7.9
7	9.4	9.2	9.3	9.3	8.9	9.1	7.1	6.7	6.9	8.3	8.0	8.1
8	10.2	9.2	9.6	9.3	9.0	9.1	7.1	6.7	6.8	8.6	8.1	8.2
9	9.7	9.3	9.6	9.0	8.7	8.8	7.0	6.4	6.8	8.4	8.2	8.3
10	9.5	9.1	9.3	8.9	8.5	8.6	6.9	6.6	6.7	8.5	8.0	8.4
11	9.7	9.1	9.3	8.5	8.3	8.4	6.9	6.6	6.7	8.6	7.9	8.2
12	9.3	9.2	9.3	8.3	8.1	8.2	7.0	6.7	6.8	8.3	7.8	8.1
13	9.4	9.3	9.3	8.1	8.0	8.1	7.2	6.7	6.9	8.2	7.7	8.0
14	9.4	9.2	9.3	8.0	7.8	8.0	7.1	6.6	6.8	8.1	7.7	7.9
15	9.4	9.2	9.3	7.9	7.8	7.9	7.3	6.7	6.9	8.3	7.6	7.9
16	9.3	9.1	9.3	7.8	7.6	7.7	7.4	6.8	7.0	8.6	7.9	8.2
17	9.3	9.0	9.2	7.7	7.6	7.6	7.2	6.8	7.0	8.1	7.6	7.9
18	9.3	9.0	9.2	7.7	7.5	7.6	7.3	6.8	7.0	7.9	7.5	7.7
19	9.2	9.0	9.1	7.6	7.4	7.5	7.3	7.0	7.1	7.5	7.2	7.4
20	9.2	9.0	9.1	7.6	7.3	7.4	7.3	6.8	7.1	7.5	7.1	7.3
21	9.2	9.1	9.1	7.4	6.9	7.3	6.9	6.5	6.8	7.5	7.1	7.3
22	9.2	8.9	9.1	7.2	6.9	7.1	7.1	6.5	6.9	7.3	7.0	7.1
23	10.1	8.9	9.4	7.1	6.8	7.0	6.8	6.6	6.7	7.5	6.8	7.2
24	10.1	9.3	9.5	7.6	6.7	6.9	7.0	6.7	6.8	7.5	7.1	7.3
25	9.4	9.1	9.3	7.7	6.7	7.1	7.2	6.8	7.1	7.6	7.0	7.4
26	9.4	9.2	9.3	7.0	6.6	6.8	7.3	7.1	7.2	7.7	6.8	7.4
27	9.3	9.1	9.2	7.0	6.7	6.8	7.4	7.0	7.2	7.6	6.8	7.3
28	9.3	9.2	9.2	7.4	6.8	7.0	7.6	7.2	7.4	7.4	6.8	7.1
29	---	---	---	7.6	6.7	6.9	7.9	7.3	7.7	7.1	6.5	6.9
30	---	---	---	7.0	6.6	6.8	7.9	7.2	7.7	7.1	6.9	7.0
31	---	---	---	7.0	6.7	6.8	---	---	---	7.1	6.6	6.9
MONTH	10.2	8.9	9.3	9.7	6.6	7.9	7.9	6.4	7.0	9.9	6.5	7.7

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.--2,420 mi², approximately.

PERIOD OF RECORD.--October 1986 to current year. Data prior to October 1986 are in files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Elevation of gage is 170 ft above sea level (from topographic map).

REMARKS.--Regulated by hydro-electric generation from Lake Murray Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 85.86 ft, Feb. 22, 1990; minimum, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.88 ft, Jan. 19; minimum, 71.59 ft, Feb. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	77.20	72.44	74.49	75.38	72.84	73.95	76.75	73.29	75.25	75.56	73.15	73.79
2	75.73	73.09	74.32	75.32	72.67	73.86	77.09	72.88	75.10	75.93	73.12	73.82
3	75.14	72.01	73.73	75.49	72.66	74.14	77.10	73.42	75.15	76.80	73.27	74.98
4	74.59	72.45	73.08	75.46	72.71	74.22	76.66	73.66	74.91	76.72	73.13	74.67
5	74.90	71.67	73.04	75.31	73.03	74.20	77.05	73.59	75.42	77.18	72.69	74.91
6	75.44	71.76	73.79	75.45	73.53	74.61	76.41	73.62	74.71	76.82	73.03	75.20
7	75.24	71.75	73.50	75.32	73.30	74.49	76.30	72.80	74.32	77.30	73.05	75.29
8	76.14	71.81	73.93	75.80	72.58	74.24	75.70	73.09	74.40	76.91	73.13	74.74
9	75.57	72.43	73.78	74.96	72.67	73.74	79.40	74.25	76.63	77.12	73.79	75.29
10	75.33	72.84	74.13	75.33	73.51	74.53	77.11	73.36	74.69	77.26	73.44	75.16
11	75.56	72.60	74.04	75.20	72.92	74.42	76.90	72.86	74.51	76.65	73.14	74.08
12	75.18	72.59	73.72	75.51	72.90	74.43	76.85	73.23	74.94	76.70	73.46	75.16
13	75.42	72.59	74.05	76.65	73.23	74.52	77.16	73.01	75.01	76.86	73.93	75.31
14	75.22	72.91	74.06	75.87	73.85	74.86	76.54	73.21	74.72	77.29	72.03	74.91
15	75.39	72.43	73.81	76.81	73.66	75.24	77.02	73.24	74.89	77.40	73.41	75.43
16	75.09	72.29	73.94	77.03	73.75	74.94	77.15	73.67	74.95	78.87	74.50	76.21
17	74.86	72.73	73.98	76.50	73.56	75.08	76.60	73.57	74.86	78.21	74.98	76.05
18	75.14	72.49	73.81	76.09	73.38	74.89	75.91	73.53	74.44	84.42	75.00	77.77
19	75.14	72.81	74.01	76.55	72.97	74.87	76.48	72.50	74.25	84.88	74.84	79.51
20	75.25	72.54	74.03	76.33	73.02	74.78	76.80	72.83	74.53	77.88	73.01	74.68
21	75.58	72.49	74.31	77.07	73.79	75.42	76.62	72.80	74.22	76.99	72.88	74.35
22	75.29	72.34	74.05	76.88	73.30	74.93	76.72	73.32	74.41	76.88	72.61	74.39
23	74.42	72.42	72.94	76.58	73.56	74.95	77.05	73.18	74.32	76.96	72.90	74.70
24	74.83	72.52	73.53	77.13	73.67	75.32	77.21	73.25	74.43	74.79	72.69	73.30
25	74.93	73.05	74.14	76.48	73.68	74.94	75.68	73.21	74.26	74.92	72.10	72.74
26	75.39	72.89	74.10	76.58	72.53	73.86	76.80	73.50	74.54	76.50	72.56	73.17
27	75.15	73.78	74.43	77.22	73.42	74.41	76.54	73.44	74.57	74.69	72.65	73.23
28	75.28	71.66	73.24	76.05	73.28	74.66	76.69	73.78	75.09	72.78	72.64	72.65
29	75.62	72.50	73.95	77.67	73.85	75.59	77.38	73.31	75.33	75.09	72.64	73.18
30	75.50	72.42	74.42	77.28	72.71	74.98	76.84	73.51	75.25	75.31	72.66	73.13
31	75.43	72.31	74.15	---	---	---	76.95	73.69	75.08	75.18	72.67	73.44
MONTH	77.20	71.66	73.89	77.67	72.53	74.64	79.40	72.50	74.81	84.88	72.03	74.69

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi², approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 170 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, May 31, June 4 - 6, which are fair. Flow regulated by Lake Murray (see station 02168500). City of Columbia diverted about 29 ft³/s above station for municipal supply.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2000	1300	2750	1390	939	1740	643	1340	488	8190	2300	2630
2	1760	1240	2610	1440	939	3330	1400	1050	487	2310	2660	2630
3	1320	1460	2640	2470	915	4860	1210	777	443	10500	2320	1490
4	889	1460	2390	2150	1460	2610	1570	763	530	4100	2510	984
5	918	1410	2920	2470	1230	1610	1290	852	360	10500	2660	791
6	1410	1740	2180	2700	1560	1640	1370	588	1700	16600	2040	1730
7	1180	1690	1840	2810	1520	1360	1320	863	10900	2800	3040	4750
8	1470	1640	1870	2240	1270	1330	1020	526	3520	1550	2340	2600
9	1330	1170	4460	2780	1580	1680	1090	515	1750	1460	2080	4670
10	1550	1730	2200	2710	1690	1520	1190	514	1490	1290	2700	2920
11	1480	1640	2080	1670	1520	4200	1280	514	948	1500	2520	2070
12	1240	1610	2460	2640	1250	2370	1260	512	1110	1140	2610	4990
13	1470	1720	2550	2780	1520	2340	1420	525	5460	1070	2040	4100
14	1530	2150	2210	2460	1790	2560	1330	1130	5350	986	2090	9830
15	1340	2570	2390	2980	1240	2340	917	758	4560	451	3450	9880
16	1410	2270	2430	5550	1480	1820	946	864	6740	1010	15200	2570
17	1410	2400	2320	3760	1360	2170	1390	799	4320	619	19500	3260
18	1330	2230	1910	4270	1420	1610	882	813	1100	498	19400	2840
19	1400	2220	1850	11800	1430	1510	927	715	864	526	19400	2470
20	1410	2210	2100	3050	1710	1580	676	357	5120	536	17400	2730
21	1640	2830	1820	1950	2160	913	1090	357	4330	537	11500	3150
22	1410	2280	1950	2190	1340	698	1210	351	1300	544	8090	6150
23	743	2340	1870	2160	1810	612	1510	385	1310	1330	2870	2170
24	1080	2710	1960	1660	2010	1110	1140	477	914	1440	4970	2410
25	1400	2360	1770	875	1920	432	1350	500	2240	1570	5760	2280
26	1370	1500	2040	681	1830	505	886	492	1620	2360	5810	1890
27	1680	1850	2080	1210	1920	466	725	490	1380	2130	2760	1880
28	1040	2040	2570	767	2380	450	746	490	2670	3010	2850	3660
29	1340	3100	2840	879	---	470	1120	490	11200	2800	2640	4630
30	1700	2520	2740	957	---	498	1390	490	11500	2810	2150	2900
31	1470	---	2560	1090	---	490	---	490	---	2590	2280	---
TOTAL	42720	59390	72360	78539	43193	50824	34298	19787	95704	88757	179940	101055
MEAN	1378	1980	2334	2534	1543	1639	1143	638	3190	2863	5805	3368
MAX	2000	3100	4460	11800	2380	4860	1570	1340	11500	16600	19500	9880
MIN	743	1170	1770	681	915	432	643	351	360	451	2040	791
CFSM	.57	.82	.96	1.05	.64	.68	.47	.26	1.32	1.18	2.40	1.39
IN.	.66	.91	1.11	1.21	.66	.78	.53	.30	1.47	1.36	2.77	1.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994
MEAN	2682	2198	2585	2760	3258	4478
MAX	5467	4579	5773	8890	7106	7437
(WY)	1991	1993	1993	1993	1993	1993
MIN	1378	1093	370	396	718	1639
(WY)	1994	1989	1991	1989	1989	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1989 - 1994

ANNUAL TOTAL	1262997	866567	2801
ANNUAL MEAN	3460	2374	4097
HIGHEST ANNUAL MEAN			1895
LOWEST ANNUAL MEAN			19500
HIGHEST DAILY MEAN	16800	Mar 29	19500
LOWEST DAILY MEAN	385	Jul 2	155
ANNUAL SEVEN-DAY MINIMUM	398	Jun 24	417
INSTANTANEOUS PEAK FLOW			19800
INSTANTANEOUS PEAK STAGE			14.99
ANNUAL RUNOFF (CFSM)	1.43		.98
ANNUAL RUNOFF (INCHES)	19.41		13.32
10 PERCENT EXCEEDS	9120		4230
50 PERCENT EXCEEDS	2150		1680
90 PERCENT EXCEEDS	922		570

* Also occurred on Sept. 25, 29, 1989.

** Caused by backwater from spillway floodgates.

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

PERIOD OF RECORD.--Water years 1985 to September 1985, 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1984 to September 1985, October 1987 to current year.

DISSOLVED OXYGEN: October 1987 to current year.

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

REMARKS.--Records of water temperature prior to October 1984 are in files of the US Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.0 °C, Oct. 9, 10, Sept. 21, 1991; minimum, 6.5 °C, many days during February and March, 1985, Feb. 5, 6, 1994.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 25, 1989; minimum, 0.1 mg/L, many days, many years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 19.0 °C, Aug. 21, Sept. 25 - 30; minimum, 6.5 °C, Feb. 5, 6.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Mar. 20; minimum, 0.1 mg/L, Sept. 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	15.5	14.5	15.0	17.0	15.5	16.0	15.0	14.5	14.5	10.5	10.0	10.0
2	15.5	14.5	15.0	17.0	15.5	16.0	15.0	14.5	14.5	11.0	10.0	10.5
3	16.5	15.0	15.0	16.5	15.5	16.0	14.5	14.0	14.5	10.5	10.0	10.0
4	17.0	15.0	15.5	17.0	15.5	16.0	14.5	14.0	14.5	10.5	10.0	10.0
5	17.0	15.0	16.0	17.0	15.5	16.0	15.0	14.0	14.5	11.0	10.0	10.0
6	16.5	15.0	15.5	16.5	16.0	16.0	14.5	14.0	14.0	10.5	10.0	10.0
7	17.5	15.0	15.5	16.5	15.5	16.0	14.5	13.5	14.0	11.0	9.5	10.0
8	16.5	15.0	15.5	17.0	16.0	16.0	15.0	14.0	14.5	10.5	10.0	10.0
9	17.0	14.5	15.5	17.0	16.0	16.5	14.0	13.5	14.0	10.0	10.0	10.0
10	16.0	15.0	15.5	17.0	16.0	16.0	14.5	14.0	14.0	10.0	9.5	10.0
11	15.5	15.0	15.0	17.5	16.0	16.0	14.5	13.5	14.0	11.0	9.5	10.0
12	17.0	15.0	15.5	17.0	15.5	16.0	14.0	13.5	13.5	10.0	9.5	9.5
13	16.0	15.0	15.5	17.5	15.5	16.0	14.0	13.0	13.5	9.5	9.0	9.5
14	16.0	15.0	15.5	16.0	15.5	15.5	13.0	13.0	13.0	10.0	9.0	9.5
15	17.0	15.5	15.5	16.0	15.5	15.5	13.0	12.5	13.0	9.5	9.0	9.0
16	16.5	15.5	15.5	16.5	15.5	16.0	13.5	12.5	13.0	9.0	8.5	9.0
17	16.5	15.5	15.5	15.5	15.0	15.5	13.0	12.5	12.5	9.0	8.5	9.0
18	17.0	15.5	16.0	16.0	15.0	15.5	13.0	12.5	12.5	9.0	8.5	9.0
19	16.5	15.0	15.5	16.0	15.5	15.5	12.5	12.0	12.5	8.5	8.0	8.5
20	16.0	15.5	15.5	16.0	15.0	15.5	12.5	12.0	12.5	8.5	8.0	8.5
21	16.5	15.0	15.5	16.0	15.0	15.5	12.5	12.0	12.5	9.0	8.0	8.0
22	16.0	15.5	15.5	15.5	15.0	15.5	12.5	12.0	12.5	8.5	7.5	8.0
23	16.5	15.5	16.0	15.5	15.0	15.0	12.5	12.0	12.0	8.5	7.5	8.0
24	16.5	15.5	16.0	15.5	15.0	15.0	12.5	11.5	12.0	9.0	7.5	8.0
25	16.0	15.5	15.5	15.0	14.5	15.0	12.0	11.0	11.5	9.0	7.5	8.0
26	16.0	15.5	15.5	15.5	14.5	15.0	11.5	11.0	11.5	8.5	7.5	8.0
27	16.0	15.5	15.5	15.0	14.5	14.5	11.5	11.0	11.0	8.0	7.0	7.5
28	16.5	15.5	15.5	15.0	14.5	15.0	11.0	10.5	11.0	8.5	7.5	8.0
29	17.0	15.5	16.0	15.5	14.5	15.0	11.0	10.5	10.5	8.0	7.0	7.0
30	17.0	15.5	16.0	15.5	14.5	15.0	11.0	10.0	10.5	7.5	7.0	7.0
31	16.0	15.5	15.5	---	---	---	10.5	10.0	10.5	7.5	7.0	7.5
MONTH	17.5	14.5	15.5	17.5	14.5	15.6	15.0	10.0	12.9	11.0	7.0	8.9

SANTÉE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.5	7.5	8.0	9.0	8.5	8.5	13.5	10.0	11.5	12.5	9.5	11.5
2	9.0	7.5	8.0	9.5	8.5	9.0	11.5	10.0	10.5	12.5	10.5	11.5
3	9.5	7.5	8.0	10.0	9.0	9.5	11.5	10.0	10.5	12.5	11.5	12.0
4	8.5	7.0	7.5	10.5	8.5	9.5	11.0	10.0	10.5	12.5	11.5	12.0
5	8.0	6.5	7.5	10.5	9.5	10.0	12.0	10.0	10.5	13.0	11.5	12.0
6	8.0	6.5	7.0	10.0	9.5	10.0	11.5	10.0	10.5	13.5	11.5	12.5
7	8.5	7.0	7.5	10.5	9.5	10.0	11.5	10.0	10.5	12.5	11.5	12.0
8	8.5	7.5	7.5	11.0	9.0	9.5	11.0	10.0	10.5	13.0	11.0	12.0
9	8.5	7.5	8.0	10.0	8.0	9.0	12.0	10.5	11.0	13.5	10.0	12.0
10	8.0	7.5	7.5	10.0	8.0	8.5	11.5	10.0	10.5	13.0	12.0	12.5
11	8.0	7.5	8.0	10.0	8.5	9.5	11.0	10.0	10.5	12.5	11.5	12.0
12	8.5	7.5	8.0	9.5	8.5	9.0	11.0	10.5	10.5	13.5	12.0	12.5
13	8.5	7.5	8.0	9.5	9.0	9.5	11.0	10.5	10.5	13.5	12.0	13.0
14	9.0	7.5	8.0	10.0	9.0	9.5	11.0	10.5	10.5	13.0	11.0	12.0
15	9.0	7.5	8.0	9.5	9.0	9.5	11.0	10.0	10.5	13.0	11.0	12.5
16	9.0	8.0	8.5	9.5	8.5	9.0	11.5	10.0	10.5	13.5	10.0	12.0
17	8.5	8.0	8.5	10.0	9.5	9.5	11.0	10.0	10.5	15.0	11.5	13.0
18	9.0	8.0	8.5	10.5	8.5	9.5	12.0	10.5	11.5	14.5	12.0	13.0
19	9.0	8.0	8.5	10.5	9.0	9.5	12.5	11.0	11.5	15.0	12.0	13.5
20	8.5	8.0	8.5	10.5	8.5	9.5	12.5	11.0	12.0	14.5	13.0	13.5
21	8.5	8.0	8.5	---	---	---	12.5	11.0	11.5	15.5	13.0	14.0
22	9.0	8.0	8.5	11.0	9.5	10.0	11.5	11.0	11.5	16.0	13.5	14.0
23	9.0	7.5	8.5	11.0	9.0	10.5	12.0	11.0	11.5	15.5	13.0	14.0
24	9.5	8.0	8.5	11.5	8.5	10.0	12.5	11.0	11.5	15.0	13.0	13.5
25	9.0	8.5	8.5	12.0	11.0	11.5	12.0	11.0	11.5	14.5	13.0	13.5
26	9.5	7.5	9.0	12.0	10.5	11.0	13.5	11.0	12.0	14.0	12.5	13.5
27	9.5	8.5	9.0	12.0	11.0	11.5	13.5	11.0	12.5	14.5	13.0	13.5
28	9.0	8.5	8.5	11.5	11.0	11.5	13.5	11.5	12.5	15.0	12.5	13.5
29	---	---	---	12.5	11.0	11.5	13.5	11.0	12.0	15.0	12.5	13.5
30	---	---	---	12.0	10.5	11.0	12.0	11.0	11.5	15.0	13.0	13.5
31	---	---	---	12.0	10.5	11.5	---	---	---	14.5	13.0	13.5
MONTH	9.5	6.5	8.1	12.5	8.0	9.9	13.5	10.0	11.1	16.0	9.5	12.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	14.5	12.5	13.5	14.5	13.0	13.5	15.0	14.0	14.5	17.0	16.0	16.5
2	15.0	13.0	14.0	13.5	13.0	13.5	14.5	14.0	14.5	17.0	16.0	

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.1	.9	1.3	1.6	.3	.9	9.2	8.5	8.8	10.0	9.0	9.6
2	1.7	1.0	1.3	1.3	.2	.6	9.0	8.3	8.7	9.9	9.0	9.5
3	3.3	1.0	1.6	1.1	.3	.5	8.7	8.3	8.5	9.6	9.0	9.4
4	3.7	1.2	2.0	.6	.3	.4	8.6	8.1	8.3	10.3	8.6	9.3
5	3.0	1.0	1.8	.5	.3	.4	8.6	8.2	8.4	10.0	8.9	9.7
6	1.6	.7	1.1	1.0	.3	.6	8.6	8.2	8.4	10.2	8.6	9.7
7	3.4	.6	1.2	1.1	.4	.7	8.7	8.3	8.5	10.3	8.7	9.7
8	3.0	.5	1.1	1.4	.5	.8	8.7	8.3	8.5	10.5	9.2	9.8
9	2.1	.6	1.1	1.0	.3	.6	8.8	8.5	8.7	10.4	8.7	9.5
10	1.2	.5	.8	1.3	.7	.9	8.9	8.3	8.7	10.5	9.9	10.1
11	1.0	.5	.7	1.4	.5	.8	9.0	8.3	8.8	10.4	9.6	9.9
12	2.3	.5	1.0	5.7	1.1	3.0	9.3	8.5	9.0	10.4	8.7	9.7
13	1.6	.5	.9	7.5	5.6	6.8	9.2	8.5	9.0	10.6	8.6	9.8
14	1.2	.6	.8	8.1	7.4	7.7	9.2	8.8	9.0	10.2	8.7	9.7
15	3.0	.3	1.1	8.1	7.5	7.8	9.1	8.8	9.0	10.7	8.5	10.1
16	1.4	.4	.6	8.2	7.5	7.9	9.3	8.8	9.1	10.8	8.4	9.5
17	1.3	.5	.7	8.1	7.5	7.8	9.2	9.0	9.1	10.8	10.1	10.3
18	2.3	.4	.9	8.1	7.5	7.8	9.3	8.9	9.1	10.6	10.3	10.4
19	1.5	.2	.7	7.9	7.1	7.7	9.4	8.1	8.9	---	---	---
20	1.2	.3	.6	7.9	7.1	7.6	9.2	8.2	8.9	---	---	---
21	.9	.3	.5	7.9	7.1	7.5	9.4	8.0	8.9	10.3	9.5	10.0
22	.9	.2	.5	7.7	6.9	7.2	9.4	8.6	9.1	10.3	9.2	10.0
23	2.1	.4	1.0	7.6	6.7	7.0	9.3	8.8	9.1	10.3	9.2	10.0
24	1.7	.4	.8	7.3	6.4	6.8	9.3	9.0	9.2	10.3	9.7	10.0
25	.9	.3	.6	7.1	6.1	6.5	9.7	9.0	9.3	10.3	9.6	10.0
26	1.1	.3	.5	7.5	6.1	6.6	9.8	9.2	9.6	10.2	9.3	9.7
27	1.0	.3	.5	6.7	6.0	6.3	10.3	9.3	9.7	10.4	9.3	10.2
28	1.0	.2	.4	8.8	6.3	7.6	10.0	9.3	9.7	10.3	9.5	10.0
29	1.1	.2	.5	9.1	8.5	8.8	10.0	9.4	9.7	10.5	9.3	9.8
30	1.1	.3	.6	8.7	7.9	8.4	10.1	9.2	9.6	10.3	9.2	9.7
31	1.3	.3	.6	---	---	---	9.9	9.2	9.6	10.5	9.3	9.9
MONTH	3.7	.2	.9	9.1	.2	4.8	10.3	8.0	9.0	10.8	8.4	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.7	9.2	9.9	10.6	9.6	10.2	10.8	8.0	9.9	9.2	8.2	8.6
2	10.8	9.4	10.1	10.7	9.6	10.3	10.9	8.0	10.1	9.3	7.9	8.6
3	10.7	9.3	10.0	11.0	10.5	10.8	10.7	9.4	10.2	9.0	8.0	8.4
4	10.6	9.7	10.2	11.3	10.5	10.9	10.6	9.6	10.2	8.8	8.1	8.4
5	10.3	9.5	9.9	11.2	10.2	10.7	10.7	9.6	10.1	9.4	8.0	8.7
6	10.3	9.7	10.1	11.0	9.8	10.6	10.6	9.7	10.0	9.5	8.0	8.7
7	10.5	9.7	10.0	10.9	9.7	10.4	10.6	9.3	9.9	9.3	8.1	8.5
8	10.3	9.3	9.9	11.1	10.0	10.6	10.7	9.2	9.8	9.5	8.0	8.6
9	10.8	9.7	10.2	11.3	9.9	10.7	10.5	9.1	9.8	9.5	8.0	8.7
10	10.3	9.8	10.1	11.2	10.2	10.7	10.4	8.9	9.6	9.6	8.2	8.7
11	10.5	9.6	10.1	11.0	10.4	10.8	10.3	8.8	9.5	9.7	8.0	8.7
12	10.3	9.7	10.0	10.9	10.4	10.7	10.0	8.8	9.4	9.8	8.0	8.8
13	10.6	9.9	10.2	10.8	10.4	10.6	9.7	8.8	9.3	10.0	8.2	8.9
14	10.7	10.0	10.3	10.9	10.4	10.7	9.9	8.3	9.2	9.3	8.2	8.6
15	10.7	9.6	10.1	10.9	10.3	10.7	9.7	8.2	8.9	9.8	8.2	8.8
16	10.8	9.6	10.2	11.1	10.2	10.7	10.0	8.1	8.9	9.7	8.1	8.8
17	10.7	9.2	10.1	11.1	10.6	10.8	9.8	7.8	9.0	9.7	7.7	8.7
18	10.8	9.6	10.2	11.1	10.3	10.7	9.8	7.7	8.7	9.5	7.5	8.4
19	10.8	9.0	10.0	11.5	10.3	10.9	9.8	7.9	8.8	9.8	7.5	8.5
20	10.8	9.7	10.3	11.6	10.0	10.9	10.0	7.6	8.8	9.6	7.5	8.4
21	10.7	10.1	10.3	11.1	9.9	10.6	9.5	8.3	8.8	10.2	7.6	8.6
22	10.9	9.3	10.1	11.2	9.9	10.6	9.1	8.3	8.6	10.2	7.5	8.6
23	10.3	10.0	10.1	11.3	9.8	10.5	9.4	8.2	8.7	10.3	7.4	8.4
24	11.0	9.9	10.4	11.1	9.5	10.2	9.5	8.0	8.7	9.6	7.4	8.3
25	11.0	10.0	10.5	11.2	9.5	10.0	9.2	8.0	8.6	9.5	7.3	8.3
26	11.0	9.8	10.4	11.2	9.6	10.2	9.6	7.8	8.6	9.4	7.4	8.1
27	11.0	10.2	10.5	11.0	9.6	10.2	9.7	7.8	8.6	9.7	7.4	8.3
28	10.8	10.1	10.4	10.3	9.5	9.8	9.8	7.8	8.7	9.6	7.4	8.3
29	---	---	---	11.1	9.4	10.1	9.3	8.2	8.7	9.6	7.4	8.3
30	---	---	---	11.1	9.4	10.1	8.8	8.1	8.5	9.6	7.3	8.2
31	---	---	---	11.1	9.3	10.0	---	---	---	9.1	7.3	8.1
MONTH	11.0	9.0	10.2	11.6	9.3	10.5	10.9	7.6	9.2	10.3	7.3	8.5

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 sea level. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2110	1450	2600	1610	1140	2050	886	1400	590	8680	2380	2700
2	1850	1280	2590	1560	1040	3710	1440	1220	586	2600	2870	2670
3	1330	1450	2520	2640	975	5460	1400	987	572	9210	2460	1780
4	1050	1510	2490	2490	1570	3200	1580	1250	710	5020	2660	1080
5	1010	1510	2920	2530	1400	1880	1510	1070	483	9120	2680	780
6	1320	1630	2250	2800	1620	1850	1540	785	1810	16900	2140	1730
7	1190	1780	1930	2840	1680	1520	1480	1020	10900	3320	3170	4570
8	1500	1640	1760	2350	1570	1530	1160	708	4060	1690	2490	2710
9	1340	1230	4260	2850	1760	1830	1250	657	1810	1670	2190	4390
10	1560	1550	2420	2760	1860	2020	1380	646	1690	1520	2730	3220
11	1490	1610	2170	1850	1760	4320	1440	639	1170	1600	2610	2140
12	1250	1610	2550	2910	1530	2630	1390	635	1200	1420	2690	4890
13	1500	1590	2490	3030	1700	2510	1540	625	5120	1320	2190	3920
14	1590	2170	2310	2570	1900	2800	1520	1220	5420	1260	2100	8970
15	1310	2500	2430	3000	1470	2640	1110	861	4680	565	3490	9320
16	1440	2060	2430	5620	1570	1940	1090	1050	6390	1080	13400	2940
17	1420	2330	2420	3920	1580	2290	1530	941	4360	836	18500	3100
18	1380	2160	1940	4230	1540	1950	1050	935	1460	686	18200	4340
19	1360	2300	1940	11500	1510	1620	1070	831	1070	825	18100	3010
20	1430	1940	2310	3440	1650	1790	782	460	4830	837	16600	2840
21	1690	2700	1880	2180	2410	1160	1160	454	4340	760	11400	3200
22	1460	2320	1950	2370	1560	872	1350	453	1450	749	8480	5840
23	889	2240	2110	2210	1940	815	1600	448	1440	1560	2960	2400
24	1100	2670	2060	1820	3070	1270	1300	570	1050	1660	4940	2650
25	1410	2320	1850	1090	2300	962	1440	596	2370	1610	5570	2470
26	1340	1450	2110	845	2030	824	1110	595	1660	2390	5750	2120
27	1620	2180	1990	1290	2050	722	843	596	2520	2200	2990	2010
28	1090	2100	2600	1120	2530	695	678	592	3160	3060	2960	3460
29	1400	3050	2960	1060	---	934	1290	587	10300	3040	2780	4460
30	2520	2530	2720	1180	---	786	1510	584	11300	2930	2460	2970
31	1760	---	2650	1240	---	735	---	588	---	2750	2200	---
TOTAL	44709	58860	73610	82905	48715	59315	38429	24003	98501	92868	176140	102680
MEAN	1442	1962	2375	2674	1740	1913	1281	774	3283	2996	5682	3423
MAX	2520	3050	4260	11500	3070	5460	1600	1400	11300	16900	18500	9320
MIN	889	1230	1760	845	975	695	678	448	483	565	2100	780
CFSM	.57	.78	.94	1.06	.69	.76	.51	.31	1.30	1.19	2.25	1.36
IN.	.66	.87	1.09	1.22	.72	.88	.57	.35	1.45	1.37	2.60	1.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 1994, BY WATER YEAR (WY)

	MEAN	2925	2557	2553	2996	3171	3278	3105	2274	2572	2719	3062	2918
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1925 - 1994

ANNUAL TOTAL	1330042	900735	2845
ANNUAL MEAN	3644	2468	5431
HIGHEST ANNUAL MEAN			1936
LOWEST ANNUAL MEAN			815
HIGHEST DAILY MEAN	16800	Mar 29	62300
LOWEST DAILY MEAN	507	Jul 3	12
ANNUAL SEVEN-DAY MINIMUM	586	Jun 24	21
INSTANTANEOUS PEAK FLOW			67000
INSTANTANEOUS PEAK STAGE			15.22
INSTANTANEOUS LOW FLOW			11
ANNUAL RUNOFF (CFSM)	1.45	.98	1.13
ANNUAL RUNOFF (INCHES)	19.63	13.30	15.34
10 PERCENT EXCEEDS	9530	4330	6280
50 PERCENT EXCEEDS	2310	1790	1950
90 PERCENT EXCEEDS	1100	820	393

SANTEE 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: October 1984 to September 1986, July 1987 to current year.

DISSOLVED OXYGEN: July 1987 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.5°C, June 15, 1989; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1994; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.0°C, July 15; minimum, 7.0°C, Jan. 23, and several days in Feb.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28; minimum, 2.5 mg/L, Sept. 22.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	16.5	14.5	15.5	15.5	14.0	15.0	15.0	14.0	14.5	10.5	9.5	10.0
2	16.5	15.0	16.0	15.5	14.5	15.0	15.0	14.0	14.5	11.0	10.0	10.5
3	17.0	15.5	16.5	16.0	15.0	15.5	15.0	14.0	14.5	10.5	10.0	10.5
4	17.0	15.5	16.5	16.5	15.5	16.0	15.5	14.5	15.0	10.5	10.0	10.0
5	17.0	16.5	17.0	16.5	16.5	16.5	15.0	14.5	15.0	10.5	9.5	10.0
6	17.0	16.0	16.5	17.0	16.5	17.0	15.0	14.0	14.5	10.5	9.5	10.0
7	16.5	16.0	16.0	16.5	15.5	16.0	14.5	13.5	14.0	11.5	10.0	10.5
8	16.5	16.0	16.5	16.0	15.0	15.5	14.5	13.5	14.0	10.5	10.5	10.5
9	17.0	16.0	16.5	16.0	15.0	15.5	14.5	13.5	14.0	10.5	9.5	10.0
10	17.5	16.5	17.0	16.5	15.5	16.0	14.5	13.5	14.0	10.0	9.5	9.5
11	17.0	15.0	15.5	16.5	15.0	16.0	14.0	13.5	13.5	10.5	9.5	10.0
12	16.5	15.0	15.5	16.5	15.0	16.0	13.5	12.5	13.0	10.5	9.5	10.0
13	16.5	15.0	16.0	17.0	15.5	16.5	13.5	12.5	13.0	10.0	9.5	10.0
14	16.5	15.5	16.0	17.0	16.0	16.5	13.0	12.5	13.0	10.0	9.5	9.5
15	16.5	15.5	16.0	17.0	16.0	16.5	13.0	12.5	13.0	9.5	8.5	9.0
16	17.0	16.0	16.5	17.0	16.0	16.5	13.5	12.5	13.0	9.0	8.5	8.5
17	16.5	16.5	16.5	17.0	16.0	16.5	13.5	12.5	13.0	9.0	8.5	9.0
18	17.0	16.0	16.5	16.5	16.0	16.5	13.0	12.0	13.0	9.5	8.5	9.0
19	17.5	16.5	17.0	16.5	15.5	16.0	13.0	12.5	12.5	8.5	8.0	8.0
20	17.5	16.5	17.0	16.0	15.5	15.5	12.5	12.0	12.0	8.5	8.0	8.5
21	17.5	16.5	17.0	15.5	14.5	15.0	12.5	11.5	12.0	8.5	8.0	8.0
22	17.0	15.5	16.5	16.0	14.5	15.5	12.5	11.5	12.0	8.5	7.5	8.0
23	16.0	15.5	16.0	16.0	15.0	15.5	12.5	11.5	12.0	8.5	7.0	8.0
24	16.5	16.0	16.5	16.0	15.0	15.5	12.0	11.5	11.5	9.0	7.5	8.0
25	16.5	16.0	16.5	15.5	14.5	15.0	12.0	11.0	11.5	9.0	8.0	8.5
26	16.5	16.0	16.5	15.0	14.5	15.0	11.5	10.0	11.0	9.5	8.5	9.0
27	17.0	16.0	16.5	15.5	14.5	15.0	12.0	10.5	11.0	9.5	8.0	8.5
28	16.5	16.0	16.0	15.0	14.5	15.0	11.5	11.0	11.5	9.0	8.0	8.5
29	16.0	15.5	15.5	15.5	14.5	15.0	11.5	10.5	11.0	9.5	8.5	9.0
30	16.0	15.0	15.5	15.0	14.5	14.5	11.0	10.5	10.5	8.5	7.5	8.0
31	16.0	14.5	15.5	---	---	---	10.5	10.0	10.5	8.0	7.5	7.5
MONTH	17.5	14.5	16.3	17.0	14.0	15.7	15.5	10.0	12.8	11.5	7.0	9.2

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.0	7.0	7.5	9.5	8.5	9.0	13.5	12.0	12.5	14.5	13.0	14.0
2	8.0	7.0	7.5	9.0	8.5	9.0	13.0	12.0	12.5	14.5	12.5	13.5
3	8.0	7.0	7.5	10.0	8.5	9.0	12.5	10.5	12.0	13.5	12.5	13.0
4	8.5	7.5	8.0	11.0	9.0	10.0	13.0	11.5	12.5	14.0	13.0	13.5
5	8.5	7.5	8.0	11.0	9.5	10.5	13.0	10.5	11.5	14.5	13.5	14.0
6	8.5	8.0	8.0	11.0	9.0	10.0	13.5	11.0	12.0	15.5	14.5	15.0
7	9.0	7.5	8.5	11.5	9.5	10.5	13.5	11.5	12.5	16.0	14.5	15.0
8	8.5	7.5	8.0	11.5	10.0	11.0	13.0	11.0	12.0	16.0	14.5	15.0
9	10.0	8.5	9.5	11.5	10.0	11.0	13.0	11.0	12.0	16.5	15.0	16.0
10	9.5	8.0	8.5	13.5	10.5	12.0	13.5	12.0	13.0	16.5	15.5	16.0
11	8.0	7.5	7.5	12.0	9.0	10.5	13.0	11.5	12.5	17.0	15.0	16.0
12	7.5	7.5	7.5	10.5	9.0	9.5	13.0	12.5	12.5	18.0	16.0	17.0
13	8.5	7.5	8.0	10.5	8.5	9.5	13.0	12.0	12.5	18.0	16.5	17.0
14	8.5	7.5	8.0	11.0	9.5	10.0	13.5	11.5	12.5	16.5	14.0	15.0
15	8.5	7.0	8.0	11.0	9.0	10.0	13.0	12.0	13.0	15.5	14.0	15.0
16	9.5	8.0	8.5	11.0	9.5	10.5	14.5	13.0	14.0	16.5	14.5	15.5
17	9.5	7.5	8.5	11.0	9.0	10.0	13.5	12.0	13.0	17.0	14.5	15.5
18	10.0	8.0	9.0	11.5	9.0	10.0	13.5	12.0	13.0	16.0	14.0	15.0
19	10.0	8.0	9.0	11.5	10.0	11.0	14.0	13.0	13.5	16.0	15.0	15.5
20	10.0	8.0	9.0	12.0	10.0	11.0	15.5	14.0	15.0	16.5	15.0	15.5
21	10.0	8.0	8.5	12.5	10.5	11.5	15.5	14.0	15.0	17.0	15.0	16.0
22	10.0	8.5	9.0	13.5	12.5	13.0	14.0	12.5	13.0	19.0	16.0	17.5
23	10.5	8.5	9.5	13.0	12.0	12.5	13.5	12.0	12.5	20.0	17.5	18.5
24	11.0	10.0	10.5	13.0	11.5	12.0	14.0	11.5	13.0	19.5	18.0	19.0
25	10.0	8.5	9.5	15.5	12.0	14.0	14.0	12.5	13.5	18.5	17.0	18.0
26	10.0	8.5	9.0	15.5	14.0	14.5	14.5	13.0	13.5	18.5	17.5	18.0
27	9.5	8.0	8.5	16.0	14.0	15.0	16.0	14.5	15.0	18.5	17.0	17.5
28	9.0	8.0	8.5	16.0	15.0	16.0	18.0	15.0	16.0	18.5	17.0	17.5
29	---	---	---	15.0	14.0	14.5	16.5	12.5	14.5	19.0	16.5	17.5
30	---	---	---	15.0	14.0	14.5	15.0	12.5	14.0	18.5	17.0	17.5
31	---	---	---	14.5	13.5	14.0	---	---	---	18.5	17.0	17.5
MONTH	11.0	7.0	8.5	16.0	8.5	11.5	18.0	10.5	13.1	20.0	12.5	16.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.5	16.5	17.5	15.5	14.5	15.0	16.5	15.0	16.0	19.0	17.0	18.0
2	19.5	17.5	18.5	16.0	14.5	15.5	16.5	15.5	16.0	17.5	17.0	17.0
3	20.5	18.5	19.5	15.5	14.5	15.0	16.5	15.5	16.0	17.5	17.0	17.0
4	21.0	18.0	19.5	15.5	14.0	15.0	17.0	16.0	16.5	19.0	17.5	18.5
5	22.0	19.5	21.0	15.5	14.0	15.0	17.0	15.5	16.5	19.5	18.0	18.5
6	21.5	13.0	19.5	15.5	14.5	15.0	17.0	16.0	16.0	19.5	17.0	18.0
7	14.0	13.0	13.5	16.5	15.0	16.0	16.5	15.0	16.0	19.5	17.5	18.0
8	14.5	13.5	14.0	17.5	15.5	16.5	17.0	15.0	16.0	18.5	17.5	18.0
9	15.0	14.5	14.5	18.0	15.0	16.5	17.0	15.5	16.5	18.0	17.5	17.5
10	15.0	13.5	14.0	18.5	15.5	17.5	17.0	15.5	16.5	18.5	17.0	18.0
11	16.0	15.0	15.5	18.5	15.5	16.5	16.5	15.5	16.0	19.0	17.5	18.0
12	16.0	16.0	16.0	18.0	15.5	17.0	17.0	16.0	16.5	19.0	17.5	18.0
13	16.0	13.5	15.0	18.5	17.0	17.5	18.0	16.0	16.5	18.5	18.0	18.0
14	15.0	13.5	14.5	18.0	16.0	17.5	18.0	16.5	17.0	20.0	17.5	18.5
15	15.5	14.0	15.0	23.0	17.5	20.0	17.5	16.0	16.5	20.0	18.0	19.5
16	16.0	13.5	14.5	22.5	17.5	21.0	17.5	15.5	16.5	20.0	18.0	19.0
17	15.0	14.0	14.5	19.0	16.0	17.5	17.5	16.5	17.0	19.0	18.0	18.5
18	16.5	14.0	15.0	20.5	19.0	20.0	17.5	17.0	17.0	21.0	18.5	19.5
19	17.0	16.0	16.5	21.0	19.5	20.0	17.5	17.0	17.0	20.0	18.5	19.5
20	18.0	14.0	16.0	21.5	20.0	20.5	18.0	17.0	17.5	19.5	18.0	18.5
21	16.5	14.0	15.0	21.0	20.0	20.5	19.5	17.5	18.0	19.0	18.0	18.5
22	16.5	14.5	16.0	20.0	19.0	19.5	19.5	16.5	19.0	19.0	18.0	18.5
23	17.0	15.5	16.5	20.0	17.5	18.5	19.0	16.5	17.5	19.5	18.5	19.0
24	17.5	16.0	17.0	17.5	17.0	17.5	19.5	16.5	17.5	20.0	18.5	19.5
25	17.5	14.5	16.0	17.5	16.5	17.0	18.0	16.5	17.0	20.0	19.5	19.5
26	16.0	15.0	15.5	16.5	15.5	16.5	17.5	16.5	17.0	20.5	19.5	20.0
27	19.0	15.0	17.0	16.0	15.5	16.0	18.0	16.5	17.0	20.5	19.0	19.5
28	19.0	15.0	16.5	16.5	15.0	15.5	18.0	17.0	17.0	20.0	19.0	19.5
29	17.0	14.0	15.0	17.0	15.0	15.5	18.0	17.0	17.5	21.0	19.0	19.5
30	15.0	14.0	14.5	16.5	15.5	16.0	20.5	17.5	18.0	20.5	19.0	19.5
31	---	---	---	16.5	15.0	15.5	20.5	18.0	19.0	---	---	---
MONTH YEAR	22.0 23.0	13.0 7.0	16.1 14.4	23.0	14.0	17.2	20.5	15.0	16.9	21.0	17.0	18.6

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.1	4.9	5.5	6.5	5.9	6.0	9.3	8.3	8.8	10.4	9.9	10.1
2	6.7	5.2	6.0	6.4	5.5	6.0	9.4	8.6	8.9	10.8	9.8	10.3
3	7.7	5.5	6.4	6.0	5.3	5.6	9.4	8.6	8.9	10.5	9.8	10.1
4	7.7	5.5	6.5	5.3	4.6	5.0	9.3	8.6	8.9	10.3	9.7	10.0
5	7.3	6.6	7.0	5.1	4.6	4.8	9.3	8.5	8.9	11.0	10.0	10.4
6	6.9	5.5	6.2	4.9	4.6	4.8	9.6	8.6	9.0	10.9	10.0	10.4
7	6.6	5.5	6.0	5.4	4.7	5.0	9.7	8.7	9.2	10.9	10.0	10.3
8	6.4	5.0	5.7	5.2	4.7	4.9	9.9	8.8	9.2	10.9	9.9	10.4
9	6.7	5.3	6.1	5.6	4.8	5.3	9.3	8.7	8.9	11.0	10.0	10.5
10	7.3	4.8	5.9	5.7	5.1	5.4	9.1	8.8	8.9	11.2	10.1	10.5
11	6.3	4.8	5.3	6.3	4.8	5.3	10.1	8.7	9.2	11.2	10.1	10.6
12	8.5	5.1	6.5	6.5	4.7	5.5	9.7	9.1	9.4	10.8	10.0	10.3
13	8.0	5.1	6.4	8.0	5.7	7.0	9.9	9.1	9.4	10.4	10.0	10.2
14	5.8	5.2	5.6	8.5	7.6	8.0	9.4	9.1	9.2	11.1	10.1	10.4
15	8.5	5.3	6.9	8.3	7.8	8.0	9.5	9.1	9.3	11.2	10.2	10.6
16	6.3	4.7	5.4	8.5	7.9	8.1	9.9	9.1	9.5	10.7	10.4	10.5
17	7.9	4.9	6.3	8.3	7.8	8.0	10.0	9.2	9.5	10.8	10.4	10.6
18	7.4	5.0	5.7	8.6	7.8	8.1	10.0	9.1	9.5	11.1	10.4	10.7
19	6.1	5.1	5.7	8.5	7.8	8.1	10.0	9.1	9.5	10.8	10.6	10.7
20	6.2	5.0	5.6	9.0	7.7	8.1	10.1	9.2	9.6	11.1	10.7	10.9
21	5.6	4.4	5.0	9.0	7.8	8.2	10.3	9.0	9.4	11.3	10.7	11.0
22	7.4	4.4	6.0	8.9	7.9	8.3	9.8	9.3	9.5	11.3	10.7	11.0
23	7.2	5.0	5.9	8.7	7.7	7.9	10.1	9.3	9.6	11.2	10.7	10.9
24	7.6	5.7	6.6	---	---	---	10.1	9.4	9.7	11.3	10.7	11.0
25	7.0	5.6	6.2	8.1	7.4	7.7	10.3	9.4	9.8	11.1	10.6	10.9
26	6.6	5.4	6.2	8.2	7.4	7.7	10.6	9.6	10.0	11.0	10.5	10.8
27	7.0	5.0	5.6	8.0	7.3	7.6	10.6	9.7	10.1	10.9	10.5	10.7
28	6.4	4.4	5.6	8.4	7.4	7.8	10.6	9.7	10.1	10.8	10.6	10.7
29	6.0	4.4	5.3	9.2	8.3	8.7	10.2	9.7	9.9	10.9	10.4	10.6
30	6.8	5.2	6.1	9.0	8.4	8.6	10.7	9.8	10.2	10.9	10.5	10.7
31	5.9	5.0	5.2	---	---	---	10.8	9.8	10.3	11.1	10.5	10.8
MONTH	8.5	4.4	5.9	9.2	4.6	6.9	10.8	8.3	9.4	11.3	9.7	10.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	10.6	11.0	11.6	10.1	10.7	11.3	9.9	10.5	11.0	9.5	10.3
2	11.4	10.7	11.0	10.6	9.9	10.2	11.8	9.9	10.8	11.1	9.4	10.3
3	11.4	10.8	11.1	11.2	10.3	10.7	11.8	9.9	10.9	10.8	9.8	10.1
4	11.5	10.6	11.1	10.8	10.6	10.7	11.9	9.8	10.8	9.8	8.6	9.2
5	11.1	10.5	10.7	11.0	10.1	10.5	12.3	10.0	11.1	10.2	8.6	9.5
6	11.1	10.2	10.7	12.4	10.1	11.0	11.5	9.8	10.7	10.6	9.6	10.0
7	11.6	10.3	10.9	11.9	10.0	10.9	12.9	10.1	11.3	10.5	9.7	10.1
8	10.9	10.3	10.5	12.5	10.0	11.5	12.3	9.9	11.0	10.2	9.3	9.8
9	11.4	10.1	10.7	12.1	10.0	11.0	12.1	9.8	11.1	10.3	9.1	9.7
10	10.8	10.2	10.6	10.7	9.5	10.0	12.2	9.8	11.0	10.0	9.4	9.7
11	10.8	10.2	10.5	11.1	10.0	10.6	12.3	9.7	11.0	10.4	9.4	9.8
12	10.9	10.3	10.6	11.9	10.5	11.0	11.9	9.8	10.8	10.4	9.4	9.8
13	11.4	10.4	10.9	11.7	10.4	11.0	11.5	9.6	10.5	10.8	9.5	10.2
14	11.7	10.5	11.1	11.8	10.2	10.9	12.3	9.7	11.0	11.0	9.9	10.4
15	11.8	10.4	11.1	11.9	10.3	10.9	11.8	9.9	10.9	10.8	10.1	10.4
16	11.9	10.3	11.1	12.1	10.0	11.0	11.9	9.8	10.9	10.7	9.7	10.2
17	12.2	10.2	11.1	12.3	10.1	11.1	12.4	10.0	11.1	10.5	9.7	10.0
18	12.1	10.1	11.1	12.1	10.1	11.0	12.5	9.8	11.1	10.7	9.6	10.1
19	12.3	10.1	11.1	12.5	10.0	11.2	12.2	10.0	11.3	10.7	9.7	10.2
20	12.9	10.2	11.2	12.9	10.0	11.3	12.0	10.0	11.0	11.3	10.0	10.6
21	11.7	10.1	11.0	12.7	9.7	11.1	12.3	9.7	11.0	13.2	10.4	11.4
22	12.0	10.2	11.1	12.7	9.9	11.3	11.1	9.6	10.4	11.8	10.1	10.9
23	11.4	9.8	10.5	12.6	10.2	11.5	11.9	9.7	10.8	11.4	9.1	10.3
24	10.7	9.5	10.0	12.2	9.8	11.2	12.2	9.8	11.1	10.9	9.0	9.9
25	11.7	10.1	10.8	11.1	7.8	9.2	12.1	9.7	10.9	11.0	9.4	10.2
26	12.0	10.0	10.9	11.0	7.8	9.3	11.7	9.7	10.8	10.8	9.3	10.1
27	13.6	10.2	11.8	10.7	9.2	9.9	11.6	9.9	10.9	11.0	9.4	10.1
28	14.4	10.3	12.3	10.1	8.7	9.3	11.3	9.7	10.6	11.7	9.3	10.4
29	---	---	---	10.1	8.6	9.3	11.5	9.6	10.6	11.2	9.2	10.2
30	---	---	---	11.1	8.9	9.8	11.3	9.6	10.6	11.5	9.3	10.4
31	---	---	---	11.2	9.7	10.3	---	---	---	11.3	9.8	10.5
MONTH	14.4	9.5	10.9	12.9	7.8	10.6	12.9	9.6	10.9	13.2	8.6	10.2

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 sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500) on the Saluda River and to some extent, at low and medium flow, by powerplants on the Broad River. City of Columbia diverted about 74 ft³/s above station for municipal supply.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood since at least October 1891, discharge 364,000 ft³/s, Aug. 27, 1908, gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3320	4310	8200	5670	9240	8240	13200	5050	3000	20600	8640	6040
2	3450	3180	6230	6780	7420	18600	10000	4640	2070	9720	7800	7050
3	2720	5770	4140	6120	7090	32600	9290	4960	1780	10500	6540	6410
4	2430	3080	4330	7320	6210	31400	9500	6980	3080	9730	5330	6700
5	2440	3700	6860	9490	6100	19300	8760	6790	5360	10600	6470	5620
6	2550	7190	8240	9300	7520	11700	7370	6470	9390	19100	6450	6500
7	2850	3890	7010	9090	5810	9240	7730	6040	28200	5660	5430	8820
8	6310	3230	4350	7250	7410	9060	7390	4710	13500	5130	5350	7540
9	4380	3310	6440	6350	6350	8320	7470	4430	8350	5800	6920	8800
10	2810	5980	8330	7830	5700	9310	7330	4060	8310	4090	5850	7430
11	2910	4300	5250	6380	8950	13500	5550	4510	6490	3910	3760	4510
12	2500	4010	6310	7400	10200	9240	6850	5110	6540	3790	5070	7440
13	2980	3930	5870	10600	13900	8670	5760	4920	9990	3600	4450	7040
14	2820	4500	6710	13600	14600	8990	7760	4590	11200	5630	3330	10100
15	2380	4690	5300	12500	12300	8940	7320	4540	6120	4780	6100	11900
16	2700	4450	5040	14500	8380	5920	7320	4710	8590	4060	20900	6830
17	3030	4730	6960	9230	7770	6020	7960	4540	6890	1980	44500	5390
18	2750	4540	4480	8890	7180	7370	7560	4380	5100	3310	53300	7790
19	3090	4690	7100	16000	5370	7040	9710	3540	5050	6510	65600	8900
20	4310	4250	6080	8860	7040	7130	9260	4130	9030	5810	63400	7410
21	4650	4940	6580	8110	7830	5060	7110	3970	7320	4530	35400	6440
22	3290	4690	7880	8310	7110	4650	7420	3740	4350	4880	24400	8540
23	3990	4610	7340	5960	7580	4610	7840	3090	4040	5010	12400	5040
24	3720	5020	7130	5260	13100	5290	5960	3120	3390	6380	10800	5290
25	2980	4690	5680	5920	22900	8250	5990	2410	4840	6320	11900	6080
26	2780	3890	5780	6020	16200	7660	4620	2540	4000	8210	12000	5060
27	3170	5100	5920	6450	13500	8990	3770	3200	6090	9750	8520	5510
28	3090	8440	7510	5910	9520	9510	5510	3130	9020	9180	4660	7640
29	3390	12100	5940	9000	---	18700	6510	3570	18100	5410	7090	8870
30	5850	9640	5460	14400	---	28800	6420	4010	24100	9900	7300	6050
31	7150	---	5860	10600	---	26000	---	4740	---	9470	6120	---
TOTAL	106790	150850	194310	269100	262280	368110	224240	136620	243290	223350	475780	212740
MEAN	3445	5028	6268	8681	9367	11870	7475	4407	8110	7205	15350	7091
MAX	7150	12100	8330	16000	22900	32600	13200	6980	28200	20600	65600	11900
MIN	2380	3080	4140	5260	5370	4610	3770	2410	1780	1980	3330	4510
CFSM	.44	.64	.80	1.11	1.19	1.51	.95	.56	1.03	.92	1.96	.90
IN.	.51	.71	.92	1.28	1.24	1.74	1.06	.65	1.15	1.06	2.25	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1994, BY WATER YEAR (WY)

	MEAN	7387	7270	8906	11800	12980	14510	11800	8112	7247	6872	7280	6376
MAX	33460	18960	21660	28430	34910	30700	27670	18080	18730	16730	18650	19250	
(WY)	1965	1993	1977	1993	1960	1975	1964	1984	1973	1941	1949	1945	
MIN	1962	2461	1945	2967	4290	4074	3938	3285	2225	2002	2094	2203	
(WY)	1955	1955	1956	1956	1941	1955	1967	1988	1988	1986	1988	1955	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1940 - 1994

ANNUAL TOTAL	4117950	2867460	
ANNUAL MEAN	11280	7856	
HIGHEST ANNUAL MEAN			9195
LOWEST ANNUAL MEAN			15130
HIGHEST DAILY MEAN	62900	Mar 29	150000
LOWEST DAILY MEAN	1930	Sep 11	662
ANNUAL SEVEN-DAY MINIMUM	2730	Oct 10	964
INSTANTANEOUS PEAK FLOW			155000
INSTANTANEOUS PEAK STAGE			29.74
INSTANTANEOUS LOW FLOW			588
ANNUAL RUNOFF (CFSM)	1.44	1.00	1.17
ANNUAL RUNOFF (INCHES)	19.51	13.59	15.91
10 PERCENT EXCEEDS	25600	12000	16400
50 PERCENT EXCEEDS	6860	6380	6790
90 PERCENT EXCEEDS	3090	3320	3120

SANTEE 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 sea level. Apr. 1, 1964 to Aug. 6, 1966, crest-stage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Dec. 15 to Feb. 8, which are poor. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	130	63	250	65	77	70	18	4.5	68	63	20
2	14	81	62	80	60	324	59	16	4.5	51	32	21
3	14	64	68	420	55	279	52	29	4.7	40	34	25
4	15	55	76	280	55	177	47	122	30	32	68	26
5	14	90	133	80	160	112	43	82	8.3	47	54	23
6	14	75	78	75	65	84	43	62	96	61	43	19
7	14	62	63	65	60	69	42	47	28	34	22	17
8	14	55	54	60	280	61	37	45	47	33	19	14
9	14	48	45	55	78	58	34	38	77	27	19	13
10	15	44	59	55	127	77	33	30	45	22	19	15
11	14	40	83	50	132	31	33	26	36	74	29	13
12	13	43	64	400	118	62	32	24	30	104	24	12
13	13	37	56	100	95	59	42	24	25	93	73	12
14	13	39	300	80	82	56	37	20	22	32	58	12
15	13	33	100	70	73	52	35	18	19	14	72	12
16	15	31	60	65	68	48	35	20	14	11	181	12
17	17	30	45	300	63	44	29	18	11	11	197	12
18	17	31	40	150	59	42	27	16	19	14	147	176
19	17	29	45	70	54	40	25	15	24	12	112	298
20	18	30	180	70	49	40	25	14	22	17	83	145
21	18	33	90	65	45	39	23	13	19	15	126	99
22	48	28	65	65	44	36	22	11	16	24	113	69
23	66	26	200	60	147	35	19	10	14	40	82	51
24	38	26	60	60	540	37	18	11	14	27	75	192
25	34	26	55	55	342	274	18	11	14	31	67	160
26	35	26	45	70	193	143	18	12	15	44	55	114
27	30	326	50	65	121	107	18	13	507	77	39	86
28	26	409	45	300	84	94	17	12	206	40	27	63
29	27	145	100	90	---	147	17	10	223	61	23	51
30	471	81	50	150	---	101	17	7.5	119	84	38	46
31	423	---	45	75	---	82	---	5.0	---	82	53	---
TOTAL	1517	2173	2479	3830	3314	2887	967	799.5	1714.0	1322	2047	1828
MEAN	48.9	72.4	80.0	124	118	93.1	32.2	25.8	57.1	42.6	66.0	60.9
MAX	471	409	300	420	540	324	70	122	507	104	197	298
MIN	13	26	40	50	44	31	17	5.0	4.5	11	19	12
CFSM	.82	1.22	1.34	2.07	1.99	1.56	.54	.43	.96	.72	1.11	1.02
IN.	.95	1.36	1.55	2.39	2.07	1.80	.60	.50	1.07	.83	1.28	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1994, BY WATER YEAR (WY)

	MEAN	52.4	62.2	79.0	119	108	115	80.7	57.5	58.3	66.0	68.6	50.9
MAX	241	142	200	312	228	244	192	182	159	174	261	141	
(WY)	1991	1987	1977	1993	1979	1971	1983	1991	1973	1975	1986	1987	
MIN	10.9	15.8	33.2	42.1	37.6	22.7	12.9	6.06	13.0	15.7	3.89	12.5	
(WY)	1979	1979	1989	1981	1986	1985	1986	1986	1986	1980	1983	1984	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1967 - 1994

ANNUAL TOTAL	29749.1	24877.5	76.4
ANNUAL MEAN	81.5	68.2	130
HIGHEST ANNUAL MEAN			44.7
LOWEST ANNUAL MEAN			1730
HIGHEST DAILY MEAN	1700	Jan 8	540
LOWEST DAILY MEAN	8.7	Sep 4	4.5
ANNUAL SEVEN-DAY MINIMUM	9.8	Aug 29	6.9
INSTANTANEOUS PEAK FLOW			1180
INSTANTANEOUS PEAK STAGE			7.04
ANNUAL RUNOFF (CFSM)	1.37		1.14
ANNUAL RUNOFF (INCHES)	18.57		15.53
10 PERCENT EXCEEDS	161		146
50 PERCENT EXCEEDS	43		45
90 PERCENT EXCEEDS	14		14
			16

* Also occurred on June 2.

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 sea level (South Carolina Public Service Authority bench mark). Prior to October 1, 1988, gage at same site at datum 69.57 ft higher.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 87.43 ft, Oct. 17, 1990 (maximum observed gage height, 87.47 ft, Mar. 5, 1987, by South Carolina Public Service Authority personnel); minimum gage height, 73.71 ft, Dec. 31, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.33 ft, Aug. 22; minimum, 74.64 ft, Oct. 17, 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.18	76.71	79.21	77.30	79.82	---	81.01	77.91	75.81	80.57	79.22	79.82
2	75.24	76.20	78.53	77.06	79.63	80.56	81.30	77.36	75.53	80.96	78.92	79.57
3	75.24	75.68	77.49	77.10	79.19	80.68	81.15	76.98	75.34	81.06	78.74	79.65
4	75.07	76.20	76.33	76.96	78.90	80.97	80.72	76.90	75.33	80.78	78.42	79.53
5	74.98	75.65	76.10	77.77	78.62	81.35	80.37	77.51	75.54	80.57	78.05	79.36
6	74.92	75.54	77.25	78.88	78.50	81.79	80.01	77.65	76.07	80.45	78.47	78.94
7	74.88	76.28	78.45	79.18	78.52	81.75	79.61	77.52	77.38	80.64	78.50	78.81
8	74.93	75.72	78.23	79.24	78.10	81.30	79.47	77.31	79.26	80.08	77.91	79.04
9	75.75	75.29	77.22	78.74	78.40	80.83	79.34	76.97	79.81	78.82	77.43	79.10
10	75.47	75.32	77.28	78.02	78.38	80.46	79.26	76.77	79.65	78.02	77.46	78.97
11	74.98	76.20	77.56	77.81	78.30	80.31	79.05	76.65	79.12	77.17	77.21	78.52
12	74.96	75.84	77.44	77.91	79.04	80.43	78.49	76.66	78.74	76.64	76.61	77.69
13	74.93	75.58	77.85	78.40	79.53	80.25	78.53	76.71	78.14	76.42	76.84	77.96
14	74.94	75.53	77.91	79.35	---	80.00	78.38	76.68	78.36	76.22	77.27	77.85
15	74.92	75.60	77.66	79.84	---	79.87	78.80	76.61	78.76	76.52	76.90	78.25
16	74.82	75.62	77.26	---	---	79.70	78.89	76.53	78.25	76.40	77.55	78.81
17	74.70	75.65	76.98	---	---	79.10	78.92	76.48	78.53	76.19	79.86	78.40
18	74.74	75.65	76.89	---	79.65	78.85	78.96	76.33	78.66	75.77	80.56	77.70
19	74.75	75.61	76.08	---	79.28	78.95	78.82	76.21	77.91	75.94	81.24	78.17
20	74.71	75.52	76.62	---	78.61	78.96	79.12	75.98	77.09	76.60	82.51	78.73
21	74.96	75.47	77.06	---	78.54	78.88	79.15	75.88	77.51	76.81	83.76	78.45
22	75.03	75.51	77.69	79.54	78.69	78.15	78.78	75.87	77.65	77.26	84.24	78.00
23	74.88	75.53	78.48	79.26	78.71	77.81	78.62	75.87	76.89	77.23	83.70	78.03
24	75.08	75.54	78.58	78.49	79.07	77.74	78.44	75.70	76.40	77.57	82.80	77.53
25	75.13	75.59	78.58	77.61	---	78.04	77.86	75.58	76.18	77.81	81.98	77.38
26	74.92	75.56	78.07	77.30	---	78.93	77.50	75.46	76.37	77.69	81.55	77.86
27	74.86	75.50	77.36	77.47	---	79.19	77.13	75.36	76.42	78.03	81.32	77.78
28	74.92	75.82	77.01	77.74	---	79.39	77.04	75.54	77.48	78.75	80.95	77.72
29	74.92	77.70	77.43	77.94	---	---	77.36	75.61	79.01	79.12	80.20	78.05
30	75.20	79.23	77.31	78.90	---	---	77.92	75.60	80.06	78.84	80.01	78.54
31	75.91	---	77.25	79.77	---	---	---	75.64	---	79.28	80.08	---
MEAN	75.03	75.89	77.52	78.30	78.87	79.79	79.00	76.45	77.57	78.20	79.69	78.47
MAX	75.91	79.23	79.21	79.84	79.82	81.79	81.30	77.91	80.06	81.06	84.24	79.82
MIN	74.70	75.29	76.08	76.96	78.10	77.74	77.04	75.36	75.33	75.77	76.61	77.38

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 sea level (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; Dam completed in 1941. Usable capacity, 45,000,000,000 ft³ between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 17,070,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (affected by high winds); minimum elevation, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.59 ft, Aug. 29; minimum elevation, 72.64 ft, Jan. 12.

Capacity Table

Elevation, in feet (sea level)	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 SEA LEVEL) WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.41	74.22	74.42	73.59	73.32	74.88	75.61	75.36	74.82	75.53	75.75	76.34
2	74.39	74.28	74.44	73.54	73.41	75.23	75.70	75.39	74.83	75.61	75.74	76.22
3	74.37	74.37	74.42	73.47	73.46	75.22	75.81	75.38	74.77	75.76	75.71	76.18
4	74.35	74.41	74.42	73.44	73.49	75.36	75.81	75.32	74.81	75.86	75.63	76.08
5	74.30	74.40	74.51	73.19	73.65	75.47	75.80	75.24	74.84	75.92	75.60	75.96
6	74.25	74.33	74.53	73.12	73.81	75.71	75.84	75.30	74.97	75.89	75.54	75.79
7	74.27	74.41	74.47	73.04	73.96	75.97	75.69	75.34	75.06	75.81	75.60	75.66
8	74.22	74.45	74.39	73.01	74.04	76.12	75.59	75.37	75.14	75.75	75.60	75.59
9	74.27	74.43	74.23	72.88	74.06	76.15	75.53	75.44	75.22	75.63	75.54	75.50
10	74.25	74.40	74.18	72.84	74.03	76.31	75.46	75.45	75.42	75.48	75.47	75.44
11	74.31	74.41	74.05	72.71	73.94	76.13	75.33	75.42	75.49	75.36	75.41	75.26
12	74.30	74.39	73.89	72.76	73.89	76.06	75.21	75.39	75.54	75.28	75.24	75.08
13	74.29	74.38	73.87	72.78	74.08	76.09	75.19	75.27	75.46	75.22	75.18	75.03
14	74.22	74.41	73.91	72.98	74.14	76.05	75.10	75.31	75.40	75.18	75.15	75.09
15	74.15	74.43	73.89	72.89	74.29	76.00	75.11	75.45	75.36	75.19	75.19	75.15
16	74.15	74.40	73.80	72.87	74.44	75.92	75.14	75.30	75.39	75.18	75.31	75.25
17	74.13	74.41	73.75	73.09	74.50	75.67	75.15	75.22	75.45	75.15	75.50	75.30
18	74.09	74.39	73.67	73.24	74.56	75.55	75.18	75.18	75.50	75.13	75.46	75.42
19	74.09	74.42	73.55	73.25	74.64	75.34	75.25	75.22	75.53	75.18	75.39	75.39
20	74.04	74.34	73.47	73.25	74.68	75.20	75.27	75.18	75.48	75.28	75.42	75.39
21	74.05	74.29	73.42	73.22	74.65	75.18	75.26	75.14	75.36	75.32	75.93	75.39
22	74.02	74.19	73.35	73.14	74.55	75.11	75.26	75.11	75.27	75.34	76.31	75.30
23	74.00	74.23	73.41	73.02	74.59	75.07	75.26	75.06	75.17	75.32	76.41	75.25
24	74.00	74.22	73.54	72.93	74.52	75.06	75.29	74.94	75.12	75.36	76.41	75.50
25	74.04	74.14	73.85	72.81	74.45	75.14	75.24	74.88	75.17	75.33	76.47	75.43
26	74.09	74.11	73.69	72.71	74.49	75.09	75.17	74.87	75.20	75.31	76.54	75.39
27	74.10	74.28	73.81	72.68	74.60	75.26	75.13	74.83	75.31	75.42	76.56	75.27
28	74.04	74.35	73.89	72.76	74.72	75.36	75.07	74.86	75.30	75.57	76.57	75.23
29	73.97	74.36	73.87	72.90	---	75.39	75.11	74.80	75.37	75.49	76.51	75.26
30	74.22	74.37	73.71	73.09	---	75.43	75.18	74.80	75.45	75.54	76.43	75.33
31	74.26	---	73.58	73.17	---	75.56	---	74.84	---	75.61	76.40	---
MAX	74.41	74.45	74.53	73.59	74.72	76.31	75.84	75.45	75.54	75.92	76.57	76.34
MIN	73.97	74.11	73.35	72.68	73.32	74.88	75.07	74.80	74.77	75.13	75.15	75.03
(+)	35.77	36.13	33.49	32.12	37.30	40.34	38.92	37.70	39.93	40.53	43.50	39.48
(*)	-261	+139	-986	-511	+2141	+1135	-548	-455	+860	+224	+1109	-1551

CAL YR 1993 * -278 MAX 76.73 MIN 73.35
WTR YR 1994 * +95 MAX 76.57 MIN 72.68

(+) 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--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	560	554	13900	515	18000	7240	44000	520	515	544	529	534
2	564	564	15600	515	18000	4820	53100	520	510	575	529	534
3	559	579	12400	515	17500	4850	37600	520	505	577	566	535
4	584	567	8500	515	16000	5180	29800	520	520	576	541	537
5	594	556	5000	515	8000	5260	29900	520	515	577	553	542
6	619	592	2500	515	3500	4700	25500	520	510	548	688	551
7	586	572	1500	515	2000	4650	22000	520	517	527	544	553
8	573	578	1100	2000	1500	4750	21800	520	518	527	537	549
9	565	565	650	9000	900	4770	21900	520	521	527	604	540
10	560	546	1580	17500	3740	5320	18000	520	524	526	535	551
11	585	542	3780	23900	10400	4960	15500	520	524	524	536	543
12	568	541	2000	45000	16000	4970	14500	545	530	523	537	538
13	605	559	650	55000	14000	8120	12500	560	515	524	537	541
14	633	548	524	50000	13500	7200	12000	530	505	519	533	544
15	3100	554	520	45000	11000	6840	9000	530	505	524	534	547
16	5700	543	520	40000	5300	8380	6000	530	510	524	533	547
17	820	531	520	34000	5180	11200	5600	530	514	560	536	544
18	655	528	520	27000	5500	13000	5200	530	510	538	538	548
19	662	530	520	23000	5230	12800	4900	550	511	512	544	555
20	627	531	520	23000	5260	12800	4900	520	511	502	538	560
21	511	528	515	23000	5210	12800	3000	520	515	497	579	562
22	522	527	509	20000	7060	12700	2500	520	517	499	552	549
23	529	518	505	17000	11400	12700	750	510	510	517	515	548
24	541	516	532	17000	11600	16900	520	510	510	532	515	546
25	539	520	515	17500	11600	22500	520	510	510	531	515	541
26	541	524	515	21000	11700	22000	520	505	509	529	515	537
27	540	520	525	22500	11700	21700	520	510	510	525	515	573
28	543	3220	539	22500	9850	21600	520	510	508	524	515	571
29	548	11100	515	22500	---	26700	520	510	515	526	515	552
30	551	11700	515	20500	---	29600	520	510	515	530	515	555
31	555	---	515	18500	---	30100	---	505	---	529	515	---
TOTAL	25639	40753	78504	620005	260630	371110	403590	16165	15409	16493	16758	16427
MEAN	827	1358	2532	20000	9308	11970	13450	521	514	532	541	548
MAX	5700	11700	15600	55000	18000	30100	53100	560	530	577	688	573
MIN	511	516	505	515	900	4650	520	505	505	497	515	534
CFSM	.06	.09	.17	1.36	.63	.81	.92	.04	.03	.04	.04	.04
IN.	.06	.10	.20	1.57	.66	.94	1.02	.04	.04	.04	.04	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1993, BY WATER YEAR (WY)

	MEAN	2166	871	1595	2567	3843	5856	4694	1375	1037	721	745	1335
MAX	27160	6745	17290	20400	36010	23690	19470	14820	10120	6185	8034	25500	
(WY)	1965	1948	1949	1946	1960	1975	1973	1958	1973	1943	1967	1945	
MIN	430	447	456	436	481	362	481	477	479	401	450	445	
(WY)	1950	1953	1980	1991	1959	1947	1947	1947	1981	1942	1982	1982	

SUMMARY STATISTICS	FOR 1992 CALENDAR YEAR				FOR 1993 WATER YEAR				WATER YEARS 1942 - 1993			
ANNUAL TOTAL	302082				1881483							
ANNUAL MEAN	825				5155				2224			
HIGHEST ANNUAL MEAN									7682			
LOWEST ANNUAL MEAN									491			
HIGHEST DAILY MEAN	15600				55000				153000			
LOWEST DAILY MEAN	501				497				* 9.0			
ANNUAL SEVEN-DAY MINIMUM	511				509				25			
INSTANTANEOUS PEAK FLOW									** 155000			
INSTANTANEOUS PEAK STAGE									31.10			
ANNUAL RUNOFF (CFSM)	.056								.15			
ANNUAL RUNOFF (INCHES)	.76				4.76				2.06			
10 PERCENT EXCEEDS	700				18000				2200			
50 PERCENT EXCEEDS	544				548				537			
90 PERCENT EXCEEDS	515				515				478			

* Caused by repair work at spillway at Lake Marion.

** From rating curve extended above 13,000 ft³/s on basis of computation of peak flow over spillway at Lake Marion.

SANTEE RIVER BASIN

02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	548	515	548	536	529	514	522	515	499	505	561	509
2	548	515	545	530	543	601	514	515	499	503	563	540
3	545	515	540	541	521	1060	514	515	498	508	563	522
4	542	515	541	684	520	544	526	515	497	508	560	518
5	543	515	713	533	522	522	510	515	498	515	573	519
6	546	515	548	528	522	522	518	515	500	515	562	539
7	550	515	559	532	519	514	671	515	515	515	563	535
8	549	515	544	532	519	508	512	515	515	515	565	554
9	542	515	556	556	520	521	510	515	515	515	569	542
10	515	515	548	542	526	849	503	515	515	515	567	547
11	515	515	625	535	519	511	500	515	515	515	570	544
12	515	515	569	532	516	513	507	515	515	515	573	553
13	515	515	539	544	508	857	542	515	515	515	576	568
14	515	515	549	572	513	625	516	515	515	505	578	590
15	515	515	560	594	508	814	502	515	515	515	582	577
16	515	515	545	561	516	556	538	515	515	518	590	579
17	515	552	540	538	522	870	503	515	515	517	584	582
18	515	552	541	546	519	570	503	515	515	544	645	590
19	515	554	540	542	520	506	504	535	515	554	5020	590
20	515	568	548	510	514	540	504	535	515	539	11200	587
21	515	567	574	512	509	560	515	534	513	528	10500	592
22	515	550	550	507	522	542	515	533	511	521	17500	598
23	515	537	567	504	518	589	515	526	508	539	28900	596
24	515	542	556	539	678	526	515	524	557	545	24500	616
25	515	554	646	551	515	536	515	515	544	523	12600	622
26	515	556	704	550	529	535	515	501	527	546	9660	610
27	515	558	569	533	544	534	515	498	573	557	12200	609
28	515	579	564	515	527	654	515	498	561	567	6000	617
29	515	536	542	512	---	500	515	499	516	561	3500	608
30	515	540	536	522	---	526	515	500	505	556	800	609
31	515	---	535	527	---	522	---	526	---	563	515	---
TOTAL	16243	15985	17541	16760	14738	18541	15569	15994	15516	16357	153239	17162
MEAN	524	533	566	541	526	598	519	516	517	528	4943	572
MAX	550	579	713	684	678	1060	671	535	573	567	28900	622
MIN	515	515	535	504	508	500	500	498	497	503	515	509
CFSM	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.34	.04
IN.	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.39	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1994, BY WATER YEAR (WY)

	MEAN	2134	864	1575	2528	3780	5755	4614	1359	1027	718	824	1320
MAX	27160	6745	17290	20400	36010	23690	19470	14820	10120	6185	8034	25500	
(WY)	1965	1948	1949	1946	1960	1975	1973	1958	1973	1943	1967	1945	
MIN	430	447	456	436	481	362	481	477	479	401	450	445	
(WY)	1950	1953	1980	1991	1959	1947	1947	1947	1981	1942	1982	1982	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1942 - 1994

ANNUAL TOTAL	1786356		333645									
ANNUAL MEAN	4894		914							2199		
HIGHEST ANNUAL MEAN										7682		1960
LOWEST ANNUAL MEAN										491		1985
HIGHEST DAILY MEAN	55000	Jan 13	28900	Aug 23						153000	Sep 22	1945
LOWEST DAILY MEAN	497	Jul 21	497	Jun 4						* 9.0	Feb 23	1947
ANNUAL SEVEN-DAY MINIMUM	509	May 25	501	Jun 1						25	Feb 17	1947
INSTANTANEOUS PEAK FLOW									** 155000		Sep 23	1945
INSTANTANEOUS PEAK STAGE										31.10	Sep 23	1945
ANNUAL RUNOFF (CFSM)	.33		.062							.15		
ANNUAL RUNOFF (INCHES)	4.52		.84							2.03		
10 PERCENT EXCEEDS	18000		597							2030		
50 PERCENT EXCEEDS	543		526							537		
90 PERCENT EXCEEDS	515		510							480		

* Caused by repair work at spillway at Lake Marion.

** From rating curve extended above 13,000 ft³/s on basis of computation of peak flow over spillway at Lake Marion.

SANTEE RIVER BASIN

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38'', long 79°57'38'' (Revised), 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 sea level.

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 - 1994 WATER YEARS WILL BE INCLUDED WITH 1995 WATER RESOURCES DATA

Santee River Basin

02171645 REDIVERSION CANAL AT Santee River near St. Stephens, SC

LOCATION.--Lat. 33°25'26'', long. 79°51'40'', Berkeley County, Hydrologic Unit 03050112, on right bank, 3.2 mi downstream from St. Stephens Powerhouse, 0.8 mi upstream from Santee River, and 3.0 mi west of St. Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

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

REMARKS.--Discharge computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary data collection platforms (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 - 1994 WATER YEARS WILL BE INCLUDED WITH 1995 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 1993 TO SEPTEMBER 1994

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 26...	0945	760	18.0	--	22	6.7	71	7.0	134
NOV 29...	1155	765	14.5	1.1	23	9.1	89	7.6	125
DEC 27...	1140	770	7.5	0.5	28	10.1	83	7.0	121
JAN 26...	1115	765	7.0	2.8	21	10.8	89	7.2	128
FEB 24...	1145	765	14.0	2.2	21	10.4	101	7.4	133
MAR 23...	0940	765	17.0	1.6	45	7.8	80	7.0	112
APR 21...	1008	765	22.5	1.3	28	7.7	89	7.2	98
MAY 26...	0740	755	25.0	1.0	13	6.4	78	7.2	100
JUN 22...	0954	765	30.0	1.0	12	5.7	75	7.1	99

DATE	TUR-BID- ITY (NTU)	RESIDUE TOTAL AT 105 DEG. C, SUS-PEN- DED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	SEDI-MENT, SUS-PEN- DED (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 26...	3.6	3	560	550	6	80	75	50	3.8
NOV 29...	8.2	71	620	780	5	130	68	140	3.3
DEC 27...	1.2	4	200	560	7	90	91	90	3.9
JAN 26...	3.7	2	100	160	12	20	83	30	4.7
FEB 24...	8.5	8	50	290	4	<10	100	20	4.7
MAR 23...	1.3	6	180	440	10	20	77	50	6.3
APR 21...	6.2	6	130	430	14	<10	100	40	--
MAY 26...	5.2	7	370	470	10	40	100	50	3.9
JUN 22...	2.0	6	130	260	7	20	100	30	4.6

SANTÉE RIVER BASIN

02171650 SANTÉE RIVER BELOW ST. STEPHENS, SC-Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994-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 28...	0810	760	29.0	2.0	27	5.3	69	7.2	102
AUG 24...	0800	765	27.0	0.4	18	5.7	71	7.2	101
SEP 28...	0815	760	24.0	1.0	24	6.5	77	7.2	94

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)
JUL 28...	4.0	8	520	650	9	50	96	50	5.1
AUG 24...	3.6	4	160	250	5	20	96	30	5.1
SEP 28...	3.8	7	250	350	7	40	100	40	6.8

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

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 sea level (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--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 - 1994 WATER YEARS WILL BE INCLUDED WITH 1995 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.--Data collection platform. Datum of gage is 13.23 ft below sea level (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, 23.69 ft, Aug. 30; minimum, 13.45 ft, Nov. 1.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	17.02	14.54	15.88	15.75	13.45	14.55	18.92	17.76	18.29	19.82	19.18	19.48
2	16.99	14.67	15.78	16.60	13.86	15.16	18.84	17.72	18.21	19.58	19.06	19.29
3	16.72	14.37	15.46	---	---	---	18.17	16.42	17.46	19.91	19.30	19.62
4	16.84	14.23	15.51	---	---	---	17.82	15.48	16.78	20.09	19.52	19.76
5	16.86	14.36	15.58	16.53	14.16	15.25	17.14	13.86	15.35	19.93	19.54	19.75
6	17.27	14.61	16.01	16.40	14.09	15.16	17.31	14.11	15.92	20.19	19.74	20.06
7	17.51	14.98	16.39	16.74	14.22	15.40	18.91	17.31	18.35	20.52	20.07	20.38
8	17.24	14.71	16.12	16.81	14.56	15.70	19.36	18.46	19.01	20.79	20.46	20.65
9	16.69	14.28	15.48	16.90	14.52	15.73	19.64	18.88	19.31	20.87	20.60	20.74
10	16.73	14.21	15.43	16.94	14.42	15.72	19.73	19.06	19.41	20.92	20.63	20.78
11	17.23	14.60	15.91	17.59	14.53	16.29	19.72	19.20	19.44	20.96	20.67	20.82
12	17.19	14.73	16.02	17.46	14.90	16.13	19.86	19.12	19.41	20.93	20.55	20.76
13	17.30	14.73	16.08	17.30	14.50	15.83	19.56	18.60	19.07	20.63	19.66	20.21
14	17.45	14.82	16.22	17.00	14.17	15.48	19.59	18.61	19.17	19.88	17.78	18.83
15	17.56	14.87	16.30	16.92	14.03	15.32	19.69	19.12	19.37	18.53	18.07	18.30
16	17.75	15.03	16.55	17.03	13.91	15.31	19.36	18.43	18.92	19.25	18.28	18.69
17	17.69	15.16	16.47	17.51	15.06	16.20	18.87	17.34	18.29	19.57	19.13	19.33
18	17.30	14.56	15.91	16.60	14.08	15.36	19.40	18.56	18.99	19.46	18.10	18.90
19	17.29	14.49	15.89	17.04	14.67	15.80	19.36	18.54	18.96	19.22	18.13	18.83
20	17.12	14.62	15.86	16.28	14.11	15.22	19.45	18.95	19.22	---	---	---
21	16.75	14.34	15.52	17.33	14.54	16.11	19.57	18.76	19.07	20.39	19.68	20.12
22	16.81	14.16	15.47	18.07	15.65	17.07	19.18	18.37	18.92	20.99	18.80	20.50
23	17.16	14.82	16.08	17.30	15.13	16.23	18.82	17.92	18.32	21.38	19.76	21.05
24	17.20	15.16	16.27	16.97	14.83	16.02	18.51	16.23	17.57	21.45	21.21	21.34
25	17.23	15.08	16.25	17.61	15.67	16.70	16.66	14.68	15.66	21.23	21.00	21.11
26	17.29	15.06	16.16	17.76	15.69	16.76	15.50	13.94	14.67	21.00	20.61	20.84
27	16.91	14.64	15.78	17.55	15.26	16.52	15.84	14.07	14.85	20.61	19.99	20.27
28	16.86	14.48	15.69	17.11	14.45	15.73	16.59	13.79	14.94	20.16	19.03	19.72
29	17.08	14.70	15.91	17.15	13.97	15.79	18.79	16.59	17.78	19.03	16.58	17.75
30	17.74	14.76	16.25	18.39	16.46	17.55	19.36	18.38	18.85	18.43	15.80	16.91
31	16.50	13.98	15.15	---	---	---	19.64	18.97	19.29	19.15	18.03	18.59
MONTH	17.75	13.98	15.92	18.39	13.45	15.86	19.86	13.79	18.03	21.45	15.80	19.78

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	19.34	18.71	19.05	20.75	20.27	20.47	20.08	19.72	19.91	16.70	14.03	15.25
2	19.37	18.63	18.98	21.34	20.75	21.16	20.42	20.08	20.31	16.49	14.07	15.31
3	19.34	18.69	19.13	21.47	21.31	21.40	20.69	20.35	20.60	17.55	15.01	16.42
4	19.47	18.57	19.11	21.47	21.21	21.36	20.94	20.63	20.83	18.03	15.82	17.25
5	---	---	---	21.32	21.16	21.24	21.18	20.87	21.06	18.32	17.13	17.85
6	---	---	---	21.43	21.16	21.34	21.27	21.09	21.19	17.33	15.48	16.53
7	17.07	14.83	15.86	21.65	21.39	21.56	21.28	21.15	21.22	16.58	14.28	15.44
8	18.48	16.22	17.52	21.80	21.62	21.72	21.32	21.16	21.24	16.05	13.80	14.97
9	18.76	18.05	18.38	21.92	21.74	21.83	21.30	21.15	21.24	17.16	14.04	15.33
10	19.50	18.47	18.92	21.96	21.86	21.92	21.29	21.15	21.22	17.44	14.96	16.11
11	19.87	19.14	19.53	21.94	21.84	21.89	21.34	21.18	21.24	17.71	14.93	16.17
12	20.05	19.58	19.81	21.96	21.87	21.91	21.39	21.24	21.30	17.97	14.75	16.26
13	20.04	19.20	19.69	21.96	21.88	21.92	21.39	21.07	21.23	17.97	16.33	17.37
14	19.30	18.06	18.54	21.98	21.85	21.90	21.15	20.64	20.87	17.82	14.75	16.18
15	18.94	18.43	18.69	21.93	21.83	21.88	20.78	20.24	20.49	17.04	14.29	15.46
16	18.94	18.58	18.76	21.90	21.78	21.83	20.41	19.71	20.05	16.79	14.55	15.46
17	19.32	18.90	19.09	21.87	21.79	21.83	19.83	19.08	19.47	16.97	14.78	15.89
18	19.48	19.10	19.28	21.87	21.77	21.84	19.29	18.42	18.85	16.84	14.59	15.76
19	19.52	19.00	19.24	21.84	21.73	21.79	18.86	17.92	18.41	17.11	14.73	16.01
20	19.41	18.58	18.95	21.85	21.77	21.81	18.45	17.80	18.08	17.51	15.01	16.37
21	19.45	18.72	19.24	21.87	21.68	21.80	18.63	17.79	18.23	17.74	15.19	16.59
22	19.87	19.22	19.59	21.68	21.34	21.55	19.00	18.11	18.50	18.04	15.41	16.82
23	20.13	19.64	19.91	21.34	20.85	21.14	19.12	18.14	18.63	17.93	15.09	16.68
24	20.20	19.80	19.98	20.85	20.18	20.56	18.89	17.89	18.44	18.35	15.58	17.04
25	20.56	19.88	20.21	20.18	19.48	19.86	18.87	17.83	18.34	18.12	15.69	17.13
26	20.58	20.29	20.45	19.57	18.81	19.27	18.75	17.32	18.06	17.66	14.48	16.01
27	20.56	20.17	20.36	19.36	18.32	18.91	18.67	17.07	17.83	17.17	14.11	15.47
28	20.50	20.15	20.33	19.11	17.85	18.46	18.53	16.72	17.52	17.19	14.93	16.11
29	---	---	---	19.23	18.15	18.55	18.21	15.34	16.78	17.56	14.81	16.16
30	---	---	---	19.60	18.75	19.07	17.36	14.30	15.68	---	---	---
31	---	---	---	19.81	19.31	19.55	---	---	---	---	---	---
MONTH	20.58	14.83	19.18	21.98	17.85	21.01	21.39	14.30	19.56	18.35	13.80	16.19
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	16.90	14.44	15.70	17.02	14.22	15.79	18.22	16.97	17.75	23.41	23.02	23.21
2	16.27	14.02	15.19	18.50	17.02	17.89	18.90	18.04	18.47	23.02	22.72	22.84
3	16.81	14.03	15.31	18.99	18.23	18.58	18.88	18.06	18.58	22.72	22.46	22.56
4	16.77	14.42	15.66	19.34	18.68	18.96	19.05	18.19	18.61	22.48	22.35	22.40
5	16.59	14.19	15.41	19.80	19.06	19.37	19.10	18.24	18.70	22.43	22.36	22.39
6	---	---	---	20.44	19.58	19.92	19.01	18.14	18.69	22.44	22.40	22.42
7	16.68	14.05	15.28	21.16	20.39	20.72	18.90	17.33	18.28	22.43	22.29	22.36
8	17.15	13.77	15.16	21.39	21.13	21.24	19.04	17.45	18.32	22.31	22.01	22.15
9	18.21	15.03	16.23	21.39	21.12	21.25	19.04	17.70	18.51	22.01	21.64	21.82
10	18.11	15.76	17.04	21.25	20.78	21.01	18.95	17.38	18.32	21.65	21.21	21.43
11	18.10	15.50	16.77	20.93	20.06	20.47	18.61	17.57	18.03	21.26	21.01	21.13
12	18.47	16.59	17.18	20.31	18.88	19.66	18.72	17.96	18.35	21.19	20.94	21.07
13	18.73	17.71	18.05	19.20	16.94	17.94	18.57	17.48	17.97	21.15	20.60	20.99
14	18.85	18.06	18.37	17.96	15.42	16.77	18.21	16.74	17.46	20.60	18.75	19.87
15	18.97	18.14	18.50	16.87	14.47	15.65	17.35	15.24	16.47	18.75	17.05	17.96
16	18.74	16.26	17.74	16.49	14.00	15.19	16.92	14.24	15.56	18.01	15.67	16.95
17	17.36	15.15	16.46	16.78	14.04	15.34	17.65	14.28	15.86	18.55	17.34	17.93
18	17.86	16.30	17.15	16.88	14.07	15.41	19.20	17.41	18.28	18.26	16.30	17.38
19	17.78	15.33	16.72	17.21	14.20	15.61	19.83	18.76	19.22	18.95	17.47	18.12
20	18.22	15.51	16.94	17.26	14.39	15.86	20.76	19.61	20.07	19.24	18.30	18.73
21	18.63	16.46	17.59	17.41	14.64	15.95	21.53	20.75	21.06	19.38	18.71	19.05
22	18.89	17.11	18.01	18.07	14.64	16.05	21.91	21.53	21.68	19.38	18.52	18.90
23	18.81	17.50	18.24	18.40	17.15	17.78	22.20	21.89	22.03	19.06	17.94	18.44
24	18.68	16.03	17.37	18.31	15.79	17.04	22.40	22.19	22.30	18.54	17.04	17.73
25	17.48	14.27	15.64	18.19	16.30	17.02	22.50	22.39	22.45	18.90	18.19	18.54
26	16.26	13.87	14.95	18.24	17.23	17.61	22.67	22.50	22.58	19.33	18.70	19.05
27	16.70	14.24	15.21	18.03	15.78	16.99	22.99	22.67	22.81	19.61	19.17	19.41
28	18.12	16.70	17.63	16.90	14.85	15.72	23.38	22.99	23.18	19.66	18.77	19.43
29	18.62	16.93	18.01	18.60	16.05	17.93	23.64	23.38	23.52	18.78	17.00	18.15
30	17.44	14.92	16.30	19.19	18.58	18.90	23.69	23.63	23.67	17.73	16.08	17.07
31	---	---	---	19.04	17.75	18.50	23.66	23.41	23.55	---	---	---
MONTH	18.97	13.77	16.68	21.39	14.00	17.81	23.69	14.24	19.69	23.41	15.67	19.98
YEAR	23.69	13.45	18.32									

SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79° 23'05'', Georgetown County, Hydrologic Unit 03050112, near left bank at Hopsewee Plantation, 0.1 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 3.47 ft below sea level (National Ocean Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and redirection from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.53 ft, Jan. 20, 1993; minimum, 0.67 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.19 ft, Sept. 5; minimum, 0.67 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.62	2.71	4.85	5.48	1.34	3.43	7.30	3.20	5.33	7.02	3.06	5.01
2	6.59	2.77	4.68	6.34	2.04	4.14	7.34	3.27	5.36	6.85	3.13	4.86
3	6.39	2.52	4.41	6.40	2.28	4.18	7.06	3.08	5.07	7.37	3.60	5.58
4	6.52	2.53	4.54	6.13	2.15	4.06	6.88	2.96	4.90	7.39	2.52	4.56
5	6.50	2.68	4.61	6.18	2.43	4.16	6.40	1.74	3.73	6.20	2.97	4.46
6	6.88	3.17	5.18	6.07	2.32	4.09	6.04	2.11	4.06	6.70	3.09	4.86
7	7.04	3.41	5.51	6.42	2.46	4.42	6.69	3.12	4.92	6.76	3.16	4.87
8	6.65	2.98	4.96	6.42	2.68	4.69	7.05	3.05	5.16	6.86	3.11	4.76
9	6.33	2.52	4.39	6.58	2.32	4.71	7.20	3.15	5.27	6.76	3.09	5.06
10	6.40	2.46	4.44	6.65	2.43	4.73	7.37	3.09	5.36	7.08	3.43	5.40
11	6.91	3.02	5.03	7.05	2.32	5.11	6.90	2.93	4.84	7.26	3.78	5.50
12	6.77	2.68	5.03	7.17	2.62	5.00	7.29	2.56	5.07	7.22	3.80	5.37
13	7.01	2.70	5.11	7.11	2.24	4.70	7.61	3.06	5.61	7.21	3.51	5.36
14	7.19	2.77	5.25	6.85	1.81	4.31	7.76	3.42	5.86	6.69	2.74	4.76
15	7.32	2.75	5.32	6.76	1.72	4.16	7.33	3.37	5.26	5.65	2.11	3.62
16	7.47	3.00	5.61	6.55	1.63	4.02	7.05	2.86	4.97	6.38	2.53	4.36
17	7.36	3.11	5.34	6.75	2.18	4.34	7.30	3.44	5.45	6.46	3.47	4.89
18	7.06	2.49	4.84	6.23	1.89	4.07	7.21	3.72	5.51	5.74	2.62	4.09
19	7.03	2.57	4.88	6.66	2.91	4.74	6.81	3.61	5.25	5.63	2.88	4.13
20	6.80	2.77	4.79	5.91	2.25	4.09	6.62	3.78	5.28	5.68	3.18	4.48
21	6.42	2.49	4.39	6.31	3.12	4.78	6.67	2.97	4.58	5.84	3.37	4.55
22	6.54	2.52	4.55	6.67	3.07	5.02	5.76	3.05	4.58	6.19	3.44	4.67
23	6.71	3.55	5.27	6.52	2.90	4.95	6.53	2.78	4.56	6.20	3.44	4.85
24	6.73	3.48	5.36	6.51	2.89	4.85	6.46	2.28	4.43	6.36	3.68	4.96
25	6.77	3.55	5.40	6.71	2.88	5.24	5.76	1.53	3.63	6.54	3.70	5.05
26	6.88	3.25	5.22	7.03	3.51	5.48	4.61	.67	2.76	6.74	3.66	5.19
27	6.51	2.88	4.83	7.10	3.42	5.49	5.11	1.03	3.10	7.45	3.80	5.79
28	6.56	2.79	4.78	6.72	2.37	4.47	5.75	1.22	3.45	7.65	3.97	5.67
29	6.70	2.94	4.97	6.52	1.88	4.39	6.66	1.85	4.41	6.88	2.54	4.64
30	7.48	3.09	5.26	6.99	2.50	4.97	6.79	2.52	4.70	7.09	2.31	4.67
31	6.11	1.75	3.84	---	---	---	6.98	2.98	4.90	7.05	3.11	5.12
MONTH	7.48	1.75	4.92	7.17	1.34	4.56	7.76	.67	4.75	7.65	2.11	4.88

SANTEE RIVER BASIN

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC

LOCATION.--Lat 33°11'02'', long 79°24'21'', Charleston County, Hydrologic Unit 03050112, near right upstream bank on southbound U.S. Highway 17, 1.5 mi north of South Santee and 5.5 mi south of North Santee.

PERIOD OF RECORD.--October 1993 to September 1994.

GAGE.--Data collection platform. Datum of gage is 8.67 ft below sea level (National Oceanic Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta. 02171000) and redirection from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.28 ft, May 22, 1994; minimum, 5.66 ft, April 26, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.28 ft, May 22; minimum, 5.66 ft, April 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	11.07	6.32	8.58
2	---	---	---	---	---	---	---	---	---	10.90	6.36	8.52
3	---	---	---	---	---	---	---	---	---	11.48	6.85	9.30
4	---	---	---	10.63	6.17	8.27	11.23	6.76	9.00	11.48	5.72	8.06
5	---	---	---	10.59	6.46	8.34	10.83	5.81	7.89	---	---	---
6	---	---	---	10.50	6.41	8.25	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	10.91	6.17	8.20
9	---	---	---	10.97	6.22	8.86	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	10.75	6.58	8.85
12	---	---	---	---	---	---	---	---	---	11.30	6.64	8.80
13	11.50	6.58	9.35	11.59	6.09	8.91	---	---	---	11.28	6.41	8.89
14	11.69	6.62	9.45	11.37	5.72	8.53	---	---	---	10.78	6.12	8.38
15	11.74	6.52	9.49	11.33	5.73	8.39	---	---	---	---	---	---
16	11.93	6.78	9.80	11.09	5.71	8.23	---	---	---	---	---	---
17	11.76	6.91	9.47	11.13	6.04	8.42	---	---	---	10.58	6.79	8.60
18	11.48	6.30	8.98	10.74	5.89	8.25	---	---	---	---	---	---
19	11.46	6.42	9.02	11.10	6.87	8.92	---	---	---	---	---	---
20	11.19	6.63	8.91	---	---	---	---	---	---	9.48	6.49	7.94
21	10.82	6.40	8.50	---	---	---	---	---	---	---	---	---
22	10.92	6.47	8.67	10.89	6.91	9.03	---	---	---	---	---	---
23	11.02	7.40	9.38	10.85	6.77	9.04	---	---	---	---	---	---
24	11.05	7.32	9.48	10.81	6.69	8.96	9.84	5.95	8.00	---	---	---
25	11.09	7.57	9.54	10.96	6.73	9.29	---	---	---	---	---	---
26	11.21	6.94	9.33	11.28	7.22	9.55	---	---	---	10.88	6.34	8.54
27	10.90	6.74	8.98	11.46	7.23	9.65	---	---	---	11.49	6.62	9.35
28	---	---	---	---	---	---	10.23	5.70	7.61	11.67	7.01	9.28
29	---	---	---	---	---	---	10.78	5.71	8.25	10.99	6.09	8.42
30	11.88	7.01	9.46	---	---	---	---	---	---	11.26	6.02	8.64
31	---	---	---	---	---	---	---	---	---	11.13	6.48	8.88
MONTH	11.93	6.30	9.24	11.59	5.71	8.76	11.23	5.70	8.15	11.67	5.72	8.66

SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

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

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below sea level (National Ocean Survey benchmark). Prior to Mar. 4, 1987 at site 2.1 mi downstream, at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and redirection from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.63 ft, Apr. 9, 1993, 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, 25.18 ft, May 22; minimum, 17.47 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.80	19.40	21.77	---	---	---	24.26	19.42	21.90	23.83	18.90	21.29
2	23.71	19.44	21.58	---	---	---	24.34	19.52	21.95	23.60	18.91	21.13
3	23.56	19.22	21.33	---	---	---	24.11	19.53	21.73	24.28	19.44	21.94
4	23.66	19.36	21.49	---	---	---	23.96	19.46	21.67	24.20	18.16	20.61
5	23.63	19.49	21.55	---	---	---	23.51	18.54	20.59	22.96	18.70	20.65
6	23.99	19.96	22.11	---	---	---	23.15	18.84	20.87	23.49	18.72	21.00
7	24.21	20.21	22.45	---	---	---	23.56	19.24	21.40	23.54	18.63	20.98
8	23.75	19.72	21.84	---	---	---	23.92	19.06	21.57	23.62	18.56	20.77
9	23.47	19.30	21.30	---	---	---	24.09	18.97	21.65	23.56	18.42	21.07
10	23.53	19.29	21.37	---	---	---	24.28	19.01	21.77	23.86	18.72	21.42
11	24.09	19.75	21.95	---	---	---	23.74	18.76	21.13	24.10	19.03	21.50
12	24.04	19.33	21.96	---	---	---	24.18	18.32	21.41	24.05	19.04	21.32
13	24.26	19.37	22.06	---	---	---	24.65	18.97	22.03	24.05	18.85	21.45
14	24.47	19.40	22.18	---	---	---	24.74	19.32	22.26	23.48	18.67	20.98
15	24.63	19.35	22.24	---	---	---	24.23	19.13	21.53	22.37	18.03	19.91
16	24.84	19.58	22.54	---	---	---	23.85	18.79	21.35	23.10	18.57	20.73
17	24.69	19.64	22.17	---	---	---	24.27	19.71	21.97	23.25	19.35	21.23
18	24.33	19.09	21.73	23.43	18.66	20.98	24.08	19.83	21.96	22.49	18.59	20.37
19	24.29	19.23	21.79	23.83	19.66	21.64	23.63	19.69	21.71	22.40	18.94	20.54
20	---	---	---	23.09	19.06	21.01	23.46	19.84	21.76	22.48	19.03	20.78
21	---	---	---	23.31	19.89	21.63	23.52	19.05	20.93	22.55	19.05	20.75
22	---	---	---	23.57	19.67	21.74	22.59	19.17	21.04	22.88	18.87	20.71
23	---	---	---	23.59	19.63	21.81	23.35	18.97	21.04	22.88	18.87	20.79
24	---	---	---	23.62	19.50	21.74	23.24	18.63	21.00	23.02	18.87	20.79
25	---	---	---	23.75	19.68	22.05	22.68	17.86	20.41	23.25	18.71	20.88
26	---	---	---	24.09	20.04	22.29	21.81	17.47	19.65	23.53	18.71	21.06
27	---	---	---	24.28	20.02	22.37	22.19	17.75	19.95	24.28	19.06	21.92
28	---	---	---	23.79	19.10	21.33	22.95	17.93	20.33	24.47	19.45	21.80
29	---	---	---	23.77	18.66	21.28	23.48	18.18	20.92	23.68	18.59	20.99
30	---	---	---	23.93	18.99	21.63	23.56	18.44	21.03	24.03	18.58	21.27
31	---	---	---	---	---	---	23.77	18.85	21.19	23.77	18.96	21.46
MONTH	24.84	19.09	21.86	24.28	18.66	21.65	24.74	17.47	21.28	24.47	18.03	21.04

GAGE HEIGHT (FEET ABOVE DATUM), OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	23.49	18.90	21.13	24.25	19.21	21.64	23.96	19.18	21.41	23.50	18.73	20.77
2	23.56	18.75	20.96	24.19	19.25	21.84	23.69	19.20	21.21	23.24	18.64	21.06
3	23.39	18.76	20.92	23.56	18.75	20.80	23.44	19.16	21.03	23.79	19.79	21.98
4	23.24	18.77	20.84	23.36	19.22	21.11	23.10	19.09	21.06	23.75	19.40	21.63
5	23.41	18.54	20.90	23.32	19.48	21.49	23.44	19.53	21.51	23.34	19.03	21.30
6	23.44	18.58	20.92	24.04	19.76	21.87	23.40	19.25	21.42	23.33	19.08	21.30
7	23.48	18.58	20.94	23.89	19.41	21.71	23.11	18.79	20.94	23.31	18.77	20.96
8	23.55	18.58	21.13	23.60	19.41	21.47	23.85	19.04	21.60	22.96	18.36	20.65
9	23.23	18.41	20.65	23.77	19.25	21.72	23.70	19.42	21.64	23.63	18.87	21.17
10	23.73	18.31	21.34	23.94	19.76	21.76	23.43	19.05	21.26	23.65	19.02	21.27
11	24.03	19.49	21.71	23.65	18.87	21.30	23.38	18.90	21.00	24.17	19.32	21.67
12	23.72	19.07	21.47	23.93	19.48	21.78	23.65	19.24	21.31	23.78	19.34	21.61
13	23.54	19.23	21.36	23.82	19.43	21.70	23.24	19.15	21.19	24.13	19.40	21.82
14	23.30	18.92	21.12	23.54	19.12	21.26	23.37	18.84	20.75	23.68	19.31	21.54
15	22.82	18.97	20.92	23.09	19.38	21.29	23.32	19.25	21.11	23.26	18.90	20.98
16	23.02	19.01	20.79	23.04	19.17	20.95	22.84	18.82	20.75	22.99	18.59	20.51
17	23.04	19.60	21.24	23.13	19.65	21.27	22.75	18.91	20.68	23.07	18.74	20.92
18	23.15	19.86	21.37	23.01	19.45	21.06	22.80	18.86	20.84	23.35	19.23	21.44
19	23.36	19.98	21.65	22.97	19.30	20.82	23.11	19.01	20.92	23.89	19.71	21.88
20	23.62	19.66	21.59	23.12	19.74	21.22	22.80	18.68	20.64	24.38	19.96	22.35
21	23.65	19.27	21.46	23.07	19.55	21.28	22.94	18.66	20.82	24.68	19.98	22.60
22	23.61	19.64	21.89	22.84	19.34	21.10	23.99	18.67	21.41	25.18	20.08	22.88
23	24.30	19.50	22.00	23.39	19.34	21.43	24.56	19.39	22.17	24.79	19.44	22.42
24	23.87	18.47	20.99	23.56	19.22	21.50	24.22	18.84	21.77	24.75	19.03	22.00
25	24.21	18.49	21.60	23.68	18.76	21.33	24.07	18.35	21.20	24.51	18.77	21.72
26	23.95	18.83	21.51	24.48	18.71	21.81	24.17	18.22	21.05	24.18	18.62	21.33
27	24.20	19.13	21.76	24.55	19.21	22.08	24.22	18.41	21.13	24.33	18.54	21.13
28	24.18	19.29	21.79	23.99	18.57	21.46	23.92	18.40	21.09	24.51	19.70	22.04
29	---	---	---	23.80	18.15	20.97	23.72	18.48	20.88	24.44	19.56	21.88
30	---	---	---	24.24	18.70	21.14	23.72	18.65	20.84	24.04	19.68	21.83
31	---	---	---	24.00	19.05	21.51	---	---	---	24.25	19.83	21.97
MONTH	24.30	18.31	21.28	24.55	18.15	21.41	24.56	18.22	21.15	25.18	18.36	21.57
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.60	19.34	21.42	22.92	18.58	20.76	23.42	19.33	21.34	23.40	19.65	21.50
2	22.97	18.86	20.99	23.13	18.95	21.07	23.77	19.70	21.73	24.31	19.78	21.82
3	23.59	19.00	21.37	23.25	19.01	21.07	23.61	19.40	21.57	24.45	20.22	22.38
4	23.50	19.38	21.57	23.26	19.06	21.11	23.75	19.07	21.38	24.77	20.33	22.66
5	23.36	19.15	21.32	23.35	18.95	21.09	23.85	18.94	21.34	24.82	20.63	22.86
6	23.58	19.15	21.27	23.69	19.03	21.25	24.29	19.05	21.58	24.60	20.33	22.62
7	23.60	18.98	21.21	23.71	18.99	21.32	24.44	19.64	22.17	24.54	20.18	22.43
8	23.44	18.72	20.89	23.57	18.84	21.12	24.64	19.89	22.35	24.44	19.99	22.30
9	24.11	18.98	21.37	23.58	18.76	20.97	24.42	20.08	22.44	24.47	19.96	22.23
10	23.98	19.31	21.69	23.66	18.76	20.98	24.18	19.66	22.05	24.28	19.68	21.99
11	23.84	19.09	21.43	23.59	18.81	21.01	23.90	19.26	21.65	24.17	19.54	21.87
12	23.74	18.98	21.26	23.55	18.75	21.08	23.77	19.04	21.41	24.27	19.54	21.92
13	23.72	19.16	21.26	23.39	18.65	21.01	23.75	18.99	21.29	23.98	19.66	21.82
14	23.64	19.17	21.33	23.34	18.68	20.92	23.71	18.88	21.18	23.80	19.28	21.51
15	23.64	19.15	21.33	23.19	18.32	20.67	23.40	18.50	20.82	23.94	19.04	21.50
16	23.37	18.96	21.22	23.33	18.21	20.65	23.70	18.58	21.02	23.99	19.11	21.65
17	23.53	18.89	21.25	23.69	18.47	21.03	23.58	18.65	21.07	23.85	19.29	21.66
18	23.94	18.97	21.52	23.87	18.55	21.17	23.67	18.34	20.82	23.70	19.01	21.30
19	24.12	18.85	21.59	24.23	18.75	21.54	23.85	18.42	20.99	24.21	19.07	22.00
20	24.12	18.56	21.47	24.25	18.77	21.63	23.94	18.78	21.28	24.44	20.03	22.45
21	24.37	18.60	21.51	24.14	18.65	21.37	23.68	18.79	21.14	24.30	20.22	22.37
22	24.36	18.64	21.52	24.09	18.51	21.25	23.67	18.87	21.21	24.14	19.88	22.06
23	24.26	18.78	21.46	24.17	18.84	21.43	23.85	19.16	21.60	23.77	19.51	21.66
24	23.89	18.38	20.96	23.90	18.97	21.44	23.81	19.57	21.79	23.81	19.67	21.82
25	23.47	18.26	20.54	23.51	19.01	21.28	23.66	19.78	21.77	23.67	20.09	21.83
26	23.49	18.25	20.54	23.13	18.83	20.95	23.49	19.66	21.56	23.71	19.97	21.76
27	23.36	18.33	20.64	22.96	18.88	20.71	23.10	19.65	21.40	23.21	19.63	21.41
28	23.16	18.61	20.75	22.96	18.69	20.73	23.40	19.79	21.60	23.23	19.47	21.22
29	23.07	18.71	20.64	22.77	18.80	20.81	23.17	19.82	21.51	23.71	19.64	21.59
30	22.85	18.55	20.72	22.95	18.81	20.83	23.06	19.82	21.41	23.75	19.85	21.84
31	---	---	---	22.86	19.02	21.03	23.48	20.01	21.64	---	---	---
MONTH	24.37	18.25	21.20	24.25	18.21	21.07	24.64	18.34	21.49	24.82	19.01	21.93
YEAR	25.18	17.47	21.38									

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 sea level (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 32,400,000,000 ft³ between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft³. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 78.30 ft, Sept. 21, 1989 (affected by high winds); minimum elevation, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.57 ft, July 28; minimum elevation, 71.03 ft, Jan. 23.

Capacity Table

Elevation, in feet (sea level)	Usable contents, in billions of cubic feet
68.0	12.74
70.0	16.73
72.0	20.08

ELEVATION (FEET SEA LEVEL) WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.29	74.23	74.00	73.12	72.62	73.58	74.56	75.33	74.72	74.93	75.26	74.86
2	74.29	74.23	74.00	73.02	72.72	73.78	74.39	75.32	74.75	74.85	75.19	75.07
3	74.29	74.29	74.06	72.85	72.54	74.18	74.41	75.21	74.72	74.86	75.18	75.02
4	74.24	74.29	74.23	72.69	72.80	73.95	74.52	75.03	74.73	74.92	75.09	74.90
5	74.22	74.24	74.45	72.40	73.24	73.95	74.62	75.08	74.73	74.90	75.09	74.73
6	74.20	74.33	74.32	72.15	73.55	73.95	74.68	75.17	74.82	74.58	75.24	74.54
7	74.25	74.39	74.03	71.75	73.66	74.41	74.78	75.24	74.90	74.31	75.29	74.64
8	74.17	74.39	73.80	71.86	73.55	74.47	74.76	75.38	74.88	74.43	75.27	74.73
9	74.17	74.42	73.64	71.79	73.41	74.50	74.63	75.35	74.84	74.56	75.21	74.80
10	74.22	74.40	73.48	71.61	73.21	74.74	74.55	75.36	75.23	74.80	75.14	74.64
11	74.27	74.34	73.54	71.51	73.02	74.69	74.40	75.31	75.17	74.98	74.97	74.28
12	74.28	74.31	73.55	71.98	73.22	74.79	74.39	75.15	75.13	75.06	74.86	74.37
13	74.32	74.30	73.46	72.25	73.65	74.88	74.52	75.14	74.96	75.00	74.82	74.67
14	74.23	74.34	73.37	72.27	73.66	74.97	74.56	75.20	74.87	75.07	74.88	74.88
15	74.10	74.36	73.36	72.38	73.68	74.92	74.63	75.21	74.94	75.07	75.01	75.00
16	74.15	74.30	73.46	71.69	73.64	74.83	74.66	75.14	75.13	75.07	75.15	74.99
17	74.17	74.31	73.24	72.13	73.57	74.64	74.73	75.21	75.20	75.08	74.98	74.97
18	74.08	74.34	73.17	72.54	73.72	74.60	74.80	75.23	75.22	75.10	74.59	75.28
19	74.05	74.30	73.06	72.07	73.94	74.47	74.87	75.21	75.29	75.08	74.23	75.17
20	74.01	74.36	72.90	71.67	73.98	74.37	74.82	75.14	75.16	75.26	74.14	75.09
21	74.00	74.17	72.94	71.43	73.97	74.53	74.74	75.15	75.02	75.20	74.06	74.99
22	74.02	74.12	73.00	71.16	73.89	74.66	74.87	75.14	74.85	75.04	74.00	74.99
23	74.02	74.18	73.01	71.31	73.81	74.72	74.93	74.95	74.85	75.05	74.16	74.97
24	74.02	74.16	73.13	71.49	73.72	74.71	74.93	74.79	74.97	75.13	74.42	75.23
25	74.02	74.07	73.48	71.58	73.52	74.78	74.83	74.81	75.16	75.02	74.58	75.05
26	74.13	74.07	73.52	71.92	73.86	74.79	74.82	74.82	75.17	75.01	74.56	74.88
27	74.08	74.23	73.63	71.98	73.85	74.80	74.84	74.86	75.11	75.32	74.57	74.76
28	74.00	74.31	73.54	72.26	73.55	74.88	74.87	74.79	74.95	75.35	74.60	74.94
29	73.97	74.20	73.27	72.63	---	74.96	74.94	74.76	75.03	74.75	74.64	75.08
30	74.08	74.04	73.02	72.74	---	74.85	75.03	74.74	75.09	75.05	74.81	75.12
31	74.20	---	72.71	72.47	---	74.70	---	74.76	---	75.25	74.87	---
MAX	74.32	74.42	74.45	73.12	73.98	74.97	75.03	75.38	75.29	75.35	75.29	75.28
MIN	73.97	74.04	72.71	71.16	72.54	73.58	74.39	74.74	74.72	74.31	74.00	74.28
(+)	26.28	25.90	22.76	22.19	24.74	27.46	28.24	27.60	28.38	28.76	27.86	28.45
(*)	-273	-147	-1172	-213	+1054	+1016	+301	-239	+301	+142	-336	+228

CAL YR 1993 MEAN 74.43 MAX 75.50 MIN 72.71

WTR YR 1994 MEAN 74.29 MAX 75.38 MIN 71.16

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

(*) CHANGE IN CONTENT, 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 sea level. Prior to Mar. 17, 1986, at same site at datum 5.00 ft. higher.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.67 ft, June 26, 1991; minimum gage height, 1.78 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.96 ft, Sept. 10; minimum gage height, 1.84 ft, Dec. 26.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	7.97	2.90	6.19	9.81	5.85	7.78	8.03	4.59	6.47
2	---	---	---	8.54	4.24	6.50	9.19	6.40	8.03	9.30	4.01	6.82
3	---	---	---	7.86	4.34	6.23	9.58	6.87	8.22	---	---	---
4	---	---	---	10.03	5.60	7.93	8.45	5.00	6.99	---	---	---
5	---	---	---	10.54	7.03	8.66	8.20	4.38	6.78	8.86	3.19	6.88
6	9.41	5.24	7.36	7.90	4.46	6.32	8.99	4.60	6.66	10.08	5.04	7.12
7	10.56	6.39	7.95	9.87	4.26	6.68	9.43	4.67	7.56	10.40	4.36	8.15
8	9.40	6.22	8.21	10.40	5.40	7.42	10.38	5.72	7.82	8.17	4.25	6.44
9	10.13	4.86	7.36	10.39	5.72	7.73	10.44	5.47	8.23	8.50	3.18	6.32
10	9.15	4.98	6.98	10.36	5.57	7.90	10.08	5.47	8.33	9.66	3.71	7.11
11	8.26	5.13	6.78	10.38	5.75	8.16	9.84	4.97	7.02	9.90	4.63	7.27
12	8.93	5.41	7.26	10.85	5.97	8.42	10.05	4.31	7.10	8.07	4.33	6.27
13	9.35	5.45	7.63	10.85	6.00	7.69	9.08	6.08	7.87	9.22	3.73	7.00
14	10.82	6.35	8.56	8.94	4.50	6.99	8.80	5.30	7.17	10.09	5.60	8.12
15	10.28	6.93	8.96	9.32	4.56	7.43	9.36	5.08	7.78	8.20	2.69	5.95
16	9.54	6.16	8.23	10.08	5.19	7.22	8.99	5.22	7.24	10.07	5.12	7.88
17	9.95	6.00	8.06	8.64	4.22	6.96	9.97	5.87	8.06	8.23	5.17	6.69
18	10.58	6.07	8.28	9.49	4.55	7.42	8.54	5.87	7.57	8.23	3.57	5.72
19	9.53	5.22	7.66	9.39	6.34	8.18	8.84	6.47	7.65	9.64	5.09	7.02
20	9.95	6.17	8.01	9.29	4.46	6.91	9.74	5.52	7.62	9.35	5.33	7.37
21	9.53	4.95	7.41	10.16	5.44	8.09	7.92	4.49	6.68	9.39	5.24	7.12
22	10.01	5.16	7.24	9.12	5.93	7.43	8.59	4.45	6.74	10.05	4.72	7.12
23	9.56	5.84	7.47	9.53	5.52	7.17	9.57	4.51	7.35	9.99	4.65	6.77
24	9.51	6.17	7.76	10.15	5.60	7.78	9.90	4.98	7.52	8.74	3.28	6.10
25	9.42	6.26	7.76	9.91	5.90	7.74	7.57	4.71	6.12	8.80	3.24	6.33
26	9.22	6.29	7.69	9.51	5.79	7.96	7.42	1.84	5.43	8.82	3.20	6.54
27	10.65	5.65	7.56	9.68	6.08	7.86	8.04	2.23	5.72	10.04	3.96	7.44
28	9.99	5.77	8.23	9.02	5.59	7.13	8.64	2.88	6.25	10.30	5.49	7.77
29	9.61	5.63	8.30	9.17	4.31	7.23	8.41	3.29	6.33	8.18	4.34	6.60
30	10.11	5.08	7.74	8.96	5.01	7.23	8.56	3.24	6.67	8.96	4.29	7.23
31	9.74	4.78	6.99	---	---	---	10.61	4.61	8.57	9.78	5.60	7.86
MONTH	10.82	4.78	7.75	10.85	2.90	7.42	10.61	1.84	7.25	10.40	2.69	6.95

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.24	4.86	7.18	10.27	5.99	7.84	10.36	6.91	8.03	8.42	4.45	6.64
2	9.01	6.06	7.25	11.32	7.04	8.73	10.30	5.38	8.27	8.52	3.84	6.49
3	10.31	3.94	7.32	9.46	4.90	7.05	8.93	4.51	7.12	10.69	5.30	8.16
4	9.98	4.00	7.22	9.25	5.03	7.01	8.16	4.47	6.56	11.44	6.02	8.45
5	8.19	4.59	6.48	7.60	4.56	6.32	8.31	4.46	6.60	9.41	4.90	6.79
6	8.41	4.21	6.35	9.09	4.90	7.22	10.81	4.98	7.10	10.07	4.95	7.21
7	8.92	4.22	6.65	10.70	5.31	7.38	8.92	4.98	6.81	8.47	5.20	6.68
8	8.82	4.21	6.92	11.02	5.16	7.76	9.07	4.05	6.58	7.55	4.79	6.22
9	10.29	4.40	7.50	10.64	4.73	7.34	9.39	5.28	7.38	8.22	4.29	6.69
10	11.18	3.92	7.94	9.29	5.61	7.50	8.56	4.92	6.85	10.34	5.03	6.91
11	8.66	5.32	7.14	10.78	4.20	7.21	9.60	4.43	7.45	9.34	5.59	7.65
12	9.41	4.63	6.90	9.61	4.92	6.83	8.70	4.60	7.05	11.45	6.12	8.54
13	9.33	4.88	6.85	8.43	5.01	6.80	9.46	5.39	6.97	10.06	5.99	7.73
14	8.93	5.08	6.96	8.41	4.87	6.68	7.60	4.55	6.33	8.78	5.76	7.26
15	9.30	5.46	6.86	9.03	5.63	7.08	8.58	4.37	6.60	9.42	4.93	7.13
16	10.32	5.64	7.39	9.70	5.85	7.54	9.14	4.72	6.90	10.90	4.54	7.61
17	10.55	5.34	7.42	10.00	5.88	7.27	8.27	3.62	6.24	8.59	4.07	6.56
18	10.04	5.38	7.10	9.62	4.83	6.89	8.41	4.33	6.34	8.98	4.73	6.82
19	9.54	5.38	7.03	7.35	4.42	6.14	8.10	4.92	6.56	9.90	5.43	7.52
20	8.05	5.01	6.60	7.54	4.84	6.44	10.79	4.78	7.37	11.78	5.98	8.33
21	8.50	4.68	6.92	8.76	4.85	6.97	9.19	4.97	7.33	9.70	6.38	7.89
22	10.65	4.69	7.74	7.84	4.78	6.33	8.81	4.73	6.98	10.40	6.35	8.22
23	11.17	5.69	8.12	9.16	4.63	6.74	8.73	5.25	7.06	11.84	6.67	9.27
24	11.21	4.57	7.44	10.79	4.52	7.94	10.56	5.14	7.59	11.20	6.60	8.85
25	9.90	4.91	7.39	9.56	5.09	7.81	9.76	5.39	7.96	9.32	6.07	7.49
26	9.58	4.12	6.48	8.75	4.68	6.79	9.22	4.97	7.41	9.24	5.47	7.23
27	10.23	4.48	7.45	10.29	5.40	7.83	8.98	4.76	7.21	8.48	5.12	6.90
28	10.67	5.99	8.08	9.50	5.58	7.64	9.03	4.90	7.00	8.47	5.45	7.24
29	---	---	---	8.82	4.33	6.44	10.73	4.53	7.17	8.68	5.90	7.60
30	---	---	---	8.26	4.55	6.73	8.09	4.60	6.60	8.99	5.95	7.59
31	---	---	---	8.90	5.33	7.84	---	---	---	9.10	6.15	7.68
MONTH	11.21	3.92	7.17	11.32	4.20	7.16	10.81	3.62	7.05	11.84	3.84	7.46
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.06	5.44	8.25	11.41	5.45	8.20	10.22	5.45	7.59	10.32	5.32	7.56
2	10.25	5.76	7.39	8.31	4.14	6.56	11.02	6.08	7.93	9.53	4.18	6.87
3	11.16	4.16	7.51	8.47	5.05	6.58	9.80	6.14	7.85	8.33	5.14	6.81
4	9.49	5.15	7.11	8.22	5.06	6.46	10.17	5.63	7.50	8.81	5.47	7.50
5	8.88	5.23	6.84	8.59	4.90	6.50	10.41	5.45	7.51	9.93	5.92	7.99
6	8.20	4.90	6.63	10.77	4.86	8.05	8.26	4.35	6.41	10.61	7.87	9.01
7	9.68	5.09	7.15	10.86	5.58	8.08	8.67	5.39	7.31	10.89	5.86	7.97
8	10.86	5.14	7.97	10.10	5.16	7.63	9.58	5.75	7.77	10.79	5.52	8.45
9	9.60	5.33	7.31	10.33	4.85	7.46	9.62	6.07	8.08	9.67	5.69	7.99
10	9.05	5.95	7.90	10.15	4.36	6.61	10.48	6.22	8.54	11.96	5.54	9.16
11	8.76	5.50	7.30	8.05	4.01	6.43	11.49	5.62	8.60	11.94	5.66	8.80
12	8.57	5.18	6.99	10.52	4.16	7.50	11.65	5.17	8.48	8.53	4.98	6.99
13	11.51	5.48	7.92	11.34	5.02	7.66	10.25	5.61	7.62	10.29	4.88	7.14
14	10.94	5.82	7.66	8.48	4.23	6.64	9.20	5.06	7.08	10.89	4.51	7.19
15	8.39	5.57	7.16	10.31	5.01	7.37	8.81	4.61	6.73	8.84	4.47	6.83
16	8.18	5.31	6.93	10.90	3.43	7.07	9.24	4.71	7.08	9.20	5.25	7.47
17	8.93	5.57	7.21	9.60	4.14	7.21	8.83	5.53	7.03	8.50	5.58	7.38
18	9.43	5.52	7.48	8.42	4.61	6.79	9.79	4.73	7.20	9.10	5.03	7.04
19	9.44	4.52	7.03	8.42	5.00	6.98	9.41	4.73	7.52	9.13	4.57	7.29
20	10.36	5.67	8.19	11.48	5.13	7.29	8.26	4.80	6.87	8.89	5.76	7.74
21	10.71	6.08	8.47	9.53	5.53	7.83	8.26	4.94	6.92	9.61	6.82	8.32
22	10.97	6.13	7.91	10.53	5.48	7.93	10.57	4.69	7.70	9.85	6.06	8.20
23	8.83	5.10	7.02	9.16	5.34	7.33	10.56	4.96	8.09	9.63	6.39	8.01
24	9.79	4.67	6.89	10.29	5.34	7.65	9.10	5.38	7.27	10.85	6.20	8.31
25	8.05	3.26	5.87	10.88	5.42	7.84	11.14	5.11	7.90	8.82	5.87	7.58
26	7.46	3.07	6.14	9.01	4.82	7.16	10.10	4.93	7.48	11.58	6.00	8.12
27	10.32	4.54	7.32	7.60	3.99	5.98	11.27	4.52	7.31	8.81	5.08	7.06
28	7.87	4.05	6.12	10.40	3.71	7.11	9.05	4.17	6.69	8.85	4.76	6.89
29	9.43	4.04	7.16	10.25	6.27	8.45	11.11	4.29	7.17	10.01	5.01	7.21
30	11.03	5.50	7.63	9.34	4.63	6.83	9.61	4.12	6.61	9.31	5.92	7.62
31	---	---	---	8.02	5.11	6.67	11.46	5.10	7.60	---	---	---
MONTH	11.51	3.07	7.28	11.48	3.43	7.22	11.65	4.12	7.47	11.96	4.18	7.68
YEAR	11.96	1.84	7.32									

COOPER RIVER BASIN

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.--Two gages are used for computation of discharge at this station. The gages are located 2.2 mi upstream at Pinopolis Dam Tailrace (station 02172001) and 1.6 mi downstream at Stoney Landing (station 02172003).

REMARKS.--Discharge records computed by utilization of One-Dimensional unsteady flow simulation model. Flow affected by tide and regulation from Lake Moultrie (see sta. 02172000). During periods of incomplete gage-height record, values of daily mean discharge from Jefferies Hydro Plant were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges. Negative daily mean discharges are computed on many days, which are caused by 2 incoming and only 1 outgoing tide cycles during the day.

Water Year 1993: Estimated daily discharges, May 21 to June 8, June 18. Records poor.

Water Year 1994: No estimated daily discharges. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4810	1710	5430	6910	5690	4750	11200	2540	5940	7850	3690	5830
2	6950	4570	6410	4220	4270	6330	9540	11500	0	7600	3610	2900
3	4270	7700	445	2680	3390	11900	6640	3650	6680	8210	3120	4800
4	6520	3680	1230	5880	6310	10600	6500	5230	4830	5040	3910	2500
5	2740	5390	2220	6980	6540	10200	10400	3960	4940	3120	3500	124
6	7260	7560	2730	5030	4370	5430	9930	4670	2060	4700	3760	2160
7	3630	2600	3520	4950	5050	5710	6670	4880	4610	7630	3490	3930
8	5030	4250	3770	5540	6540	6120	8740	3110	11000	6670	2700	6790
9	5240	5600	7820	8220	5420	15000	9070	3170	8410	9010	4030	6570
10	2540	2030	5580	4380	6220	7710	5690	2880	5920	9300	5230	9280
11	4230	2230	6880	5580	4230	9770	8780	5260	6600	6170	3730	2880
12	3360	4440	3870	7780	6380	818	9740	7480	6610	7170	4400	3500
13	4200	6880	4820	6360	2740	11000	9150	7040	1320	7940	3830	8560
14	4740	5770	5290	7070	3460	4180	10500	8450	6040	9260	3200	7730
15	5270	2150	4610	8000	6740	8940	9580	6460	5750	4940	4020	5660
16	8610	8250	5800	7530	3140	3200	7270	7800	9450	4680	4180	3820
17	9270	6250	7420	5310	4040	953	4230	11500	5500	2280	4250	6170
18	4610	3090	6960	5160	5820	7570	5750	3620	10900	6120	5670	7000
19	6410	4700	3640	8180	7970	5180	7540	1890	4780	9310	5890	3370
20	3970	3840	3250	10200	3380	5380	11700	3420	1490	2940	5950	5470
21	3240	6450	4490	5990	3290	3960	6780	3730	7410	2820	5110	4970
22	4190	4730	5200	4950	3730	6300	5090	2140	1460	3170	5390	5650
23	6400	3470	6360	8300	4980	12400	6820	2140	8690	3350	5390	4790
24	4540	3850	3480	3260	4390	11700	4290	3870	6890	4090	7040	7580
25	5660	2790	10300	4860	7870	9750	3600	6770	8370	4460	7540	6180
26	5460	2220	1030	452	8900	12400	3140	6020	1380	2920	1580	4010
27	5130	4770	6820	3420	3530	9120	7770	2260	3160	2920	7410	5030
28	7620	5430	4560	8840	3070	6340	2190	8390	4560	3370	6030	916
29	3100	2560	5370	9430	---	6950	8020	8100	6440	2810	6030	4300
30	5910	6520	5520	6290	---	7850	4890	3120	6970	2640	4310	6130
31	7920	---	6620	3870	---	6390	---	2780	---	2770	4830	---
TOTAL	162830	135480	151445	185622	141460	233901	221210	157830	168160	165260	142820	148600
MEAN	5253	4516	4885	5988	5052	7545	7374	5091	5605	5331	4607	4953
MAX	9270	8250	10300	10200	8900	15000	11700	11500	11000	9310	7540	9280
MIN	2540	1710	445	452	2740	818	2190	1890	0	2280	1580	124

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1993, BY WATER YEAR (WY)

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MEAN	6952	7020	10410	11600	12150	12220	11310	9832	8990	8313	7617	6093			
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	1989	1981	1986	1988	1986	1988	1985			

SUMMARY STATISTICS	FOR 1992 CALENDAR YEAR	FOR 1993 WATER YEAR	WATER YEARS 1979 - 1993
ANNUAL TOTAL	1899484	2014618	
ANNUAL MEAN	5190	5520	9684
HIGHEST ANNUAL MEAN			18220
LOWEST ANNUAL MEAN			3804
HIGHEST DAILY MEAN	12100	15000	33700
LOWEST DAILY MEAN	-1040	0	-1040
ANNUAL SEVEN-DAY MINIMUM	2900	2900	1790
10 PERCENT EXCEEDS	8620	8920	21400
50 PERCENT EXCEEDS	4820	5270	6360
90 PERCENT EXCEEDS	2500	2720	2550

COOPER RIVER BASIN

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11200	3960	6330	773	4240	5770	9140	3170	7620	9990	6020	7080
2	3300	2610	6210	4110	5350	8870	9760	2960	5050	2630	5940	3930
3	5760	476	7000	4190	5680	3380	5140	7590	6300	3290	4850	108
4	6980	9650	1720	5050	6540	3730	3980	9350	2310	2420	4040	3060
5	5940	11500	3180	6450	3170	409	2920	1800	2480	3060	6110	5460
6	3330	867	3630	5120	2980	3650	5290	5900	2260	318	351	9480
7	4930	3130	6520	10800	4170	4970	4410	3050	5330	6750	3330	3940
8	7030	4940	5690	3210	5380	8030	4750	2600	7940	5180	3900	7540
9	5180	5960	8510	3720	8180	6360	5170	4010	5440	5480	4880	5120
10	3670	6690	8000	6710	9490	5530	4710	4640	6840	2050	7790	11100
11	64	7320	4170	5090	3050	6990	7960	6590	3590	1310	8070	9710
12	3030	8450	5530	986	3590	2820	5920	9030	3690	6000	8820	1150
13	4640	2960	5350	5720	3550	3010	4730	5690	8270	5120	5890	3050
14	9110	3200	1070	9720	4590	5220	4260	3170	6480	935	4350	4280
15	10200	6140	7060	4440	4650	5630	3620	4300	3850	5170	3550	2660
16	4300	5010	5730	11100	7910	9040	6030	8530	3140	4990	5670	5560
17	4370	3740	7720	3410	5990	6310	3810	3510	4670	4280	4100	4100
18	7580	6530	3300	1370	5280	4510	3280	2890	4910	1550	6420	3350
19	4240	7780	5610	8000	3560	3290	3660	5270	2480	1460	7170	3970
20	6130	3550	4220	8180	823	2940	8190	8030	8150	3960	2950	3950
21	4730	8010	3360	6860	4160	4400	7090	3360	8990	1920	3480	7290
22	5020	3880	5120	7710	8020	3260	4420	4980	6130	6950	6640	5380
23	2760	2970	6580	5270	7870	3770	2690	9270	2920	1960	7780	6970
24	3880	6290	7990	3460	7020	8670	4500	8190	4030	3550	2930	7270
25	4030	5400	2630	4310	6840	8420	7510	3180	389	4550	7470	3820
26	3960	6250	3250	5050	346	2980	5600	3770	3440	3060	5760	7050
27	4650	4150	4270	7380	6740	5830	4980	3690	5720	-101	5610	2500
28	8450	3460	4500	6480	7100	5480	3930	3160	902	5710	3290	4020
29	8600	6000	3860	2960	---	2270	5420	3870	7330	10300	5710	4910
30	3890	4680	4390	5560	---	3350	2770	4760	7590	2330	3740	5050
31	4520	---	12000	6290	---	7320	---	4140	---	708	7850	---
TOTAL	165474	155553	164500	169479	146269	156209	155640	154450	148241	116880	164461	152858
MEAN	5338	5185	5306	5467	5224	5039	5188	4982	4941	3770	5305	5095
MAX	11200	11500	12000	11100	9490	9040	9760	9350	8990	10300	8820	11100
MIN	64	476	1070	773	346	409	2690	1800	389	-101	351	108

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1994, BY WATER YEAR (WY)

	MEAN	6844	6905	10090	11210	11720	11770	10930	9529	8737	8029	7472	6030
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	1989	1981	1986	1988	1986	1988	1985	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1979 - 1994

ANNUAL TOTAL	2050390	1850014	
ANNUAL MEAN	5618	5069	9376
HIGHEST ANNUAL MEAN			18220
LOWEST ANNUAL MEAN			3804
HIGHEST DAILY MEAN	15000	12000	33700
LOWEST DAILY MEAN	0	-101	-1040
ANNUAL SEVEN-DAY MINIMUM	2970	3050	1790
10 PERCENT EXCEEDS	9110	8160	21200
50 PERCENT EXCEEDS	5380	4880	6200
90 PERCENT EXCEEDS	2820	2610	2550

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 sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 28.47 ft, June 26, 1991; minimum gage height, 19.25 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.24 ft, Sept.10; minimum gage height, 19.25 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.44	22.91	24.99	24.57	19.94	22.94	25.76	22.73	24.42	25.02	21.68	23.51
2	25.57	22.77	24.34	24.92	21.10	23.36	25.76	23.30	24.70	25.14	21.10	23.68
3	25.78	22.16	24.32	24.89	21.41	23.28	25.74	23.00	24.81	25.33	22.81	24.25
4	26.32	22.01	24.44	25.88	22.46	24.34	25.45	22.48	24.06	25.38	20.17	23.80
5	26.11	22.21	24.41	26.34	23.67	24.95	25.20	21.53	23.64	24.55	20.47	23.39
6	25.80	22.31	24.30	24.70	21.53	23.35	24.65	21.73	23.50	25.72	22.21	23.85
7	26.33	23.36	24.83	25.63	21.39	23.57	25.72	21.76	24.21	26.00	21.45	24.38
8	26.02	23.29	24.93	26.19	22.43	24.23	26.27	22.81	24.52	24.75	21.18	23.33
9	26.07	21.89	24.16	26.08	22.81	24.48	26.28	22.59	24.82	25.09	20.34	23.21
10	25.84	21.87	23.87	26.25	22.64	24.59	26.23	22.54	24.89	25.74	20.84	23.72
11	25.30	22.23	23.84	26.45	22.85	24.83	25.78	22.05	23.85	26.12	21.73	24.01
12	25.76	22.53	24.23	26.76	23.05	25.04	26.02	21.28	23.82	25.10	21.44	23.31
13	25.89	22.54	24.47	26.73	23.08	24.63	25.97	22.87	24.60	25.78	20.86	23.72
14	26.80	23.26	25.17	25.68	21.61	23.96	25.81	22.38	24.22	25.94	22.47	24.47
15	26.63	23.74	25.51	25.53	21.46	24.15	26.00	22.17	24.49	24.41	19.81	22.60
16	26.43	23.24	25.14	26.04	22.14	24.08	25.57	21.92	23.97	25.86	21.92	23.99
17	26.37	23.08	24.93	25.35	21.32	23.80	26.02	22.64	24.68	24.82	22.10	23.54
18	26.47	22.93	24.93	25.42	21.66	24.09	25.55	22.95	24.46	24.24	20.71	22.70
19	26.05	22.30	24.53	25.89	23.42	24.77	25.20	23.39	24.32	24.80	22.04	23.49
20	26.26	23.25	24.74	24.92	21.56	23.74	25.23	22.58	24.39	24.89	22.33	23.85
21	25.61	22.05	24.23	26.00	22.52	24.62	24.96	21.79	23.57	25.23	22.13	23.73
22	26.03	22.12	24.08	25.60	23.07	24.32	24.98	21.54	23.50	25.59	21.68	23.70
23	25.98	22.90	24.40	25.75	22.61	24.08	25.48	21.62	23.93	25.63	21.62	23.50
24	25.99	23.36	24.67	26.07	22.66	24.48	25.53	22.07	24.06	24.84	20.38	22.96
25	26.04	23.34	24.71	26.08	22.96	24.57	24.32	21.79	23.08	25.17	20.37	23.10
26	25.80	23.31	24.63	26.11	22.87	24.75	23.99	19.25	22.29	24.94	20.34	23.31
27	26.47	22.74	24.36	26.21	23.16	24.82	24.61	19.39	22.56	26.02	21.05	24.00
28	25.87	22.85	24.80	25.41	22.51	24.02	24.97	20.02	22.96	26.25	22.43	24.52
29	26.24	22.72	24.90	25.61	21.38	23.92	25.10	20.43	23.21	25.12	21.44	23.55
30	26.52	23.05	24.72	25.49	21.93	24.03	25.09	20.40	23.39	25.59	21.41	23.95
31	25.91	21.84	23.80	---	---	---	26.38	21.45	24.67	26.16	22.61	24.51
MONTH	26.80	21.84	24.56	26.76	19.94	24.19	26.38	19.25	23.99	26.25	19.81	23.67

COOPER RIVER BASIN

02172003 WEST BRANCH COOPER RIVER AT MONCK'S CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	25.08	22.14	23.95	25.47	23.43	24.45	25.24	23.69	24.53	25.05	21.67	23.58
2	24.97	22.83	23.90	26.13	24.02	25.24	25.74	22.53	24.75	24.95	21.01	23.44
3	25.63	21.04	24.02	25.32	22.01	23.87	25.36	21.59	23.93	26.08	22.44	24.79
4	25.43	21.10	23.85	24.88	22.27	23.75	24.72	21.57	23.44	26.30	23.15	24.94
5	24.77	21.66	23.39	24.64	21.70	23.39	25.06	21.58	23.59	25.46	22.01	23.79
6	24.92	21.30	23.28	25.55	21.99	24.16	26.19	22.07	23.88	26.06	22.04	23.94
7	25.20	21.33	23.49	26.13	22.41	24.23	24.76	22.08	23.55	25.26	22.29	23.58
8	25.37	21.29	23.74	26.34	22.30	24.37	25.76	21.17	23.48	24.61	21.54	23.20
9	25.81	21.50	23.94	26.34	21.81	24.06	25.42	22.37	24.12	25.25	21.38	23.56
10	25.81	21.03	24.27	25.91	22.65	24.36	25.08	22.02	23.74	25.71	22.13	23.83
11	25.60	22.38	24.11	25.91	21.17	23.72	25.27	21.54	23.97	25.51	22.63	24.37
12	25.39	21.60	23.72	25.01	22.01	23.70	25.07	21.70	23.79	26.32	23.11	25.01
13	25.38	21.85	23.72	25.33	22.05	23.76	25.46	22.40	23.82	25.59	22.97	24.49
14	24.79	21.92	23.63	25.00	21.74	23.52	24.64	21.49	23.19	25.83	22.81	24.26
15	24.83	22.27	23.63	25.05	22.48	23.77	24.91	21.47	23.47	25.53	22.03	24.00
16	24.75	22.50	23.84	24.87	22.74	23.90	24.83	22.02	23.61	25.90	21.73	24.05
17	25.36	22.53	24.01	24.66	22.69	23.86	24.58	20.74	23.09	24.83	21.24	23.47
18	25.21	22.45	23.88	24.73	21.99	23.62	24.57	21.45	23.27	25.43	21.87	23.81
19	25.14	22.43	23.87	24.00	21.51	22.96	24.55	21.93	23.44	25.94	22.52	24.41
20	25.06	22.04	23.65	24.41	21.92	23.30	25.71	21.87	23.82	27.11	23.09	25.02
21	25.21	21.76	23.80	25.14	22.02	23.77	25.44	22.06	23.90	26.35	23.32	24.88
22	26.21	21.79	24.32	24.54	21.80	23.27	25.31	21.84	23.85	26.98	23.44	25.15
23	26.57	22.77	24.71	25.32	21.73	23.66	25.75	22.34	24.07	26.84	23.76	25.77
24	26.20	21.56	24.01	26.18	21.64	24.42	26.11	22.25	24.38	26.42	23.57	25.40
25	26.11	21.83	24.03	25.85	22.19	24.41	25.71	22.37	24.49	26.41	22.81	24.46
26	26.10	21.27	23.56	25.56	21.79	23.77	25.71	22.07	24.11	25.85	22.69	24.19
27	25.47	21.45	24.04	26.41	22.49	24.62	25.47	21.88	23.97	25.52	22.23	23.80
28	25.67	23.22	24.62	26.08	22.61	24.43	25.45	22.01	23.88	25.51	22.52	24.22
29	---	---	---	25.34	21.01	23.37	25.89	21.65	23.92	25.73	22.98	24.53
30	---	---	---	25.26	21.68	23.56	25.14	21.78	23.59	25.74	23.09	24.49
31	---	---	---	25.51	22.61	24.48	---	---	---	25.82	23.20	24.62
MONTH	26.57	21.03	23.89	26.41	21.01	23.93	26.19	20.74	23.82	27.11	21.01	24.29
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.37	22.41	24.76	26.65	22.55	24.40	---	---	---	25.94	22.22	24.08
2	25.52	22.66	24.09	25.08	21.28	23.53	---	---	---	25.64	21.22	23.70
3	26.71	21.31	24.04	25.15	21.84	23.48	---	---	---	25.38	22.28	23.89
4	25.78	22.28	24.09	25.10	21.98	23.39	---	---	---	25.87	22.58	24.40
5	25.58	22.29	23.82	25.27	21.95	23.45	---	---	---	26.55	23.02	24.85
6	25.16	21.98	23.64	---	---	---	25.28	21.50	23.49	26.61	24.67	25.68
7	25.88	22.20	23.92	---	---	---	25.71	22.50	24.26	26.13	22.96	24.85
8	25.71	22.23	24.40	---	---	---	25.90	22.88	24.62	26.78	22.63	25.09
9	25.47	22.27	24.11	---	---	---	26.18	23.16	24.97	26.24	22.81	24.85
10	25.69	22.94	24.59	---	---	---	26.47	23.16	25.19	27.24	22.53	25.41
11	25.81	22.66	24.18	---	---	---	26.52	22.73	25.10	27.14	22.52	25.20
12	25.28	22.24	23.90	---	---	---	26.89	22.34	24.97	25.59	22.11	24.06
13	26.41	22.43	24.44	---	---	---	25.88	22.43	24.37	26.20	22.08	24.09
14	25.91	22.83	24.35	---	---	---	25.78	21.90	23.97	26.42	21.63	24.04
15	25.28	22.58	24.08	---	---	---	25.18	21.55	23.60	25.54	21.64	23.82
16	25.23	22.29	23.91	---	---	---	25.92	21.84	23.83	25.96	22.36	24.27
17	25.60	22.57	24.12	---	---	---	25.35	22.39	23.86	25.48	22.67	24.30
18	26.04	22.63	24.28	---	---	---	26.00	21.86	23.76	25.41	22.16	23.99
19	25.98	21.64	23.99	---	---	---	25.45	21.85	24.14	25.68	21.71	24.19
20	25.96	22.77	24.67	---	---	---	25.31	21.95	23.78	25.95	22.88	24.69
21	26.15	23.08	24.90	---	---	---	25.30	22.06	23.83	26.38	23.77	25.15
22	25.88	23.14	24.65	---	---	---	25.56	21.84	24.32	26.07	23.17	24.97
23	25.83	22.11	24.02	---	---	---	25.87	22.07	24.65	26.06	23.33	24.70
24	25.43	21.77	23.79	---	---	---	25.64	22.50	24.21	26.46	23.14	24.96
25	25.12	20.42	22.94	---	---	---	26.27	22.21	24.53	25.71	22.91	24.52
26	24.46	20.28	23.07	---	---	---	25.80	22.05	24.25	26.61	22.91	24.77
27	25.39	21.65	23.97	---	---	---	26.30	21.69	24.04	25.36	22.19	24.01
28	24.91	21.20	23.19	---	---	---	25.24	21.41	23.62	25.36	21.74	23.79
29	25.34	20.99	23.77	---	---	---	26.24	21.50	23.88	26.14	21.99	23.99
30	26.36	22.24	24.09	---	---	---	25.47	21.28	23.50	25.73	23.01	24.46
31	---	---	---	---	---	---	26.68	22.03	24.09	---	---	---
MONTH	26.71	20.28	24.06	26.65	21.28	23.65	26.89	21.28	24.19	27.24	21.22	24.49
YEAR	27.24	19.25	24.09									

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.--Indeterminate.

GAGE HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 18.50 feet below sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.38 ft, Sept. 22, 1989; minimum gage height, 15.41 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.36 ft, May 22; minimum gage height, 16.67 ft, Jan. 15.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.45	19.27	21.17	21.11	16.81	19.44	22.15	19.11	20.84	---	---	---
2	22.20	19.55	20.83	21.54	17.79	19.92	22.33	19.69	21.11	---	---	---
3	21.99	18.99	20.66	21.42	18.27	19.90	22.36	20.01	21.12	---	---	---
4	22.14	18.83	20.75	21.91	18.75	20.48	21.94	19.34	20.68	---	---	---
5	21.89	19.04	20.74	22.28	19.55	20.98	21.65	18.49	20.09	---	---	---
6	22.11	19.15	20.83	21.25	18.39	19.97	21.12	18.68	19.92	---	---	---
7	22.59	19.92	21.30	21.39	18.37	20.06	21.52	18.81	20.47	21.65	18.30	20.41
8	22.39	20.05	21.29	22.03	19.15	20.67	22.27	19.63	20.90	21.27	17.88	19.80
9	22.11	18.83	20.63	22.28	19.63	20.93	22.31	19.46	21.09	21.36	17.41	19.71
10	21.95	18.54	20.42	22.16	19.45	20.95	22.33	19.42	21.16	21.82	17.86	20.13
11	21.85	19.06	20.49	22.59	19.69	21.25	22.02	18.90	20.34	22.30	18.63	20.49
12	22.34	19.33	20.81	22.88	19.87	21.42	22.09	18.06	20.26	21.61	18.27	19.93
13	22.48	19.37	21.02	22.35	19.83	21.11	22.60	19.33	21.06	22.16	17.84	20.19
14	22.99	19.86	21.53	22.13	18.47	20.48	22.35	19.25	20.85	21.88	18.92	20.58
15	23.09	20.25	21.84	22.01	18.17	20.48	22.38	19.02	20.85	20.80	16.67	18.98
16	22.91	20.09	21.64	22.14	18.82	20.50	21.95	18.24	20.39	21.76	17.71	20.00
17	22.64	19.91	21.38	21.59	18.24	20.24	22.43	19.21	21.00	21.26	18.76	20.06
18	22.66	19.42	21.23	21.75	18.66	20.36	22.10	19.72	20.97	20.58	17.59	19.26
19	22.49	19.11	20.98	22.28	19.93	21.02	21.69	19.55	20.68	20.61	18.72	19.60
20	22.60	19.79	21.15	21.35	18.47	20.18	21.69	19.41	20.82	20.69	19.09	20.01
21	21.98	18.93	20.67	21.93	19.43	20.83	21.52	18.57	20.00	20.89	18.46	19.97
22	22.07	18.62	20.56	21.67	19.62	20.81	---	---	---	21.27	18.36	19.91
23	22.25	19.71	20.96	21.86	19.43	20.65	---	---	---	21.40	18.30	19.85
24	22.34	20.14	21.20	22.02	19.49	20.88	---	---	---	21.17	17.28	19.44
25	22.47	20.15	21.28	22.29	19.79	21.08	---	---	---	21.42	17.28	19.58
26	22.25	20.00	21.20	22.43	19.73	21.23	---	---	---	21.45	17.40	19.76
27	22.33	19.55	20.87	22.60	19.95	21.36	---	---	---	22.30	18.02	20.44
28	22.35	19.65	21.07	21.97	19.09	20.58	---	---	---	22.57	19.36	21.00
29	22.43	19.53	21.26	22.17	18.30	20.41	---	---	---	21.58	18.33	20.05
30	23.04	19.89	21.31	22.03	18.70	20.57	---	---	---	21.97	18.28	20.38
31	21.87	18.70	20.23	---	---	---	---	---	---	22.32	19.64	20.87
MONTH	23.09	18.54	21.01	22.88	16.81	20.62	22.60	18.06	20.70	22.57	16.67	20.02

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	21.62	18.91	20.30	22.01	19.43	20.72	21.73	19.67	20.70	21.44	18.51	20.07
2	21.53	18.96	20.18	22.41	20.16	21.37	22.14	19.51	20.92	21.12	17.87	19.94
3	21.46	17.90	20.31	21.83	18.76	20.20	21.44	18.40	20.31	22.13	19.22	21.06
4	21.09	18.17	20.11	21.20	19.05	20.05	21.37	18.40	19.91	22.21	19.92	21.15
5	21.28	18.50	19.89	21.16	18.54	20.00	21.31	18.40	20.13	21.61	18.80	20.34
6	21.17	18.22	19.83	21.75	18.76	20.63	21.69	18.86	20.26	22.09	18.86	20.36
7	21.62	18.26	19.99	21.89	19.25	20.65	21.18	18.45	19.92	21.42	18.55	20.07
8	21.65	18.19	20.18	22.07	19.04	20.66	21.86	18.09	20.02	21.17	18.07	19.71
9	---	---	---	22.31	18.68	20.47	21.73	19.18	20.54	21.75	18.24	20.03
10	---	---	---	22.15	19.45	20.79	21.60	18.81	20.21	21.94	18.99	20.29
11	---	---	---	21.61	18.01	20.08	21.58	18.38	20.18	22.21	19.21	20.71
12	---	---	---	21.55	18.71	20.24	21.71	18.55	20.18	22.21	19.84	21.13
13	---	---	---	21.69	18.86	20.32	21.66	18.89	20.25	22.28	19.61	20.92
14	---	---	---	21.51	18.43	19.99	21.21	18.25	19.61	22.39	19.35	20.78
15	---	---	---	21.48	18.63	20.14	21.13	18.31	19.93	21.81	18.87	20.44
16	21.04	18.77	20.03	21.32	18.68	20.05	21.32	18.68	19.93	21.18	18.71	20.18
17	21.21	19.52	20.27	21.25	18.81	20.16	20.73	17.57	19.51	21.00	18.12	19.90
18	21.23	19.28	20.29	21.22	19.00	19.93	20.90	18.37	19.72	21.65	18.72	20.34
19	21.36	19.14	20.32	20.51	18.32	19.38	21.07	18.67	19.90	22.17	19.42	20.88
20	21.59	18.65	20.27	20.90	18.67	19.77	21.40	18.31	20.03	22.91	19.91	21.39
21	21.54	18.63	20.29	21.05	18.95	20.12	21.65	18.91	20.16	22.81	20.03	21.44
22	22.29	18.61	20.67	20.82	18.39	19.76	21.95	18.67	20.30	23.36	20.25	21.66
23	22.21	19.56	21.01	21.55	18.58	20.15	22.37	19.16	20.66	23.25	20.58	21.96
24	21.68	18.08	20.33	22.11	18.49	20.61	22.57	19.13	20.87	22.91	20.28	21.60
25	22.22	18.56	20.44	21.99	19.06	20.64	22.25	19.16	20.74	22.84	19.13	20.97
26	22.08	18.18	20.18	22.13	18.67	20.35	22.11	18.92	20.41	22.31	19.14	20.66
27	22.14	18.31	20.45	22.46	19.29	21.03	22.01	18.73	20.30	22.02	18.72	20.25
28	22.22	19.37	20.89	22.46	19.39	20.84	21.93	18.86	20.28	22.04	19.48	20.77
29	---	---	---	21.89	17.60	19.90	21.69	18.58	20.26	22.27	19.91	21.00
30	---	---	---	21.67	18.49	20.01	21.67	18.68	20.11	22.07	19.83	20.96
31	---	---	---	21.86	19.63	20.75	---	---	---	22.16	20.00	21.08
MONTH	22.29	17.90	20.30	22.46	17.60	20.31	22.57	17.57	20.21	23.36	17.87	20.71
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	22.24	19.19	20.99	22.16	19.01	20.40	22.18	19.06	20.55	22.15	18.38	20.40
2	21.74	18.78	20.45	21.56	18.14	20.07	22.58	19.53	20.90	22.22	18.17	20.25
3	22.38	18.25	20.35	21.51	18.30	19.99	22.35	19.79	20.85	21.99	19.21	20.57
4	21.87	19.06	20.64	21.50	18.36	19.93	22.05	19.44	20.63	22.50	19.44	20.96
5	21.88	18.95	20.37	21.81	18.46	19.97	21.86	19.35	20.56	22.99	19.87	21.38
6	21.77	18.73	20.20	22.51	18.81	20.42	21.84	18.37	20.16	22.99	20.96	21.95
7	22.21	18.99	20.31	22.03	19.52	20.69	22.42	19.35	20.83	22.68	19.86	21.32
8	21.90	19.03	20.48	22.09	19.08	20.44	22.57	19.72	21.13	22.84	19.48	21.43
9	22.10	18.86	20.47	21.68	18.79	20.22	22.68	20.01	21.47	22.49	19.65	21.31
10	22.33	19.54	20.94	21.68	18.38	19.90	22.55	19.85	21.48	22.89	19.31	21.51
11	22.33	19.32	20.64	21.35	18.07	19.82	22.40	19.57	21.26	22.81	19.24	21.39
12	21.82	19.24	20.35	21.40	18.26	20.23	22.53	19.15	21.19	22.00	19.00	20.72
13	21.71	19.04	20.64	21.79	18.73	20.52	22.33	18.93	20.80	22.24	18.94	20.66
14	21.97	19.31	20.68	21.47	18.24	20.11	22.07	18.41	20.49	22.16	18.58	20.56
15	21.78	19.20	20.55	21.99	18.05	20.21	21.68	18.03	20.12	22.08	18.56	20.42
16	21.61	18.95	20.40	22.06	17.41	20.02	22.24	18.44	20.27	22.38	19.28	20.74
17	21.78	19.13	20.54	22.20	17.73	20.24	21.83	18.52	20.34	22.01	19.59	20.80
18	22.30	19.22	20.70	21.91	18.37	20.22	22.21	18.22	20.07	21.67	19.03	20.51
19	22.28	18.54	20.56	---	---	---	22.08	18.74	20.38	22.20	18.69	20.70
20	22.50	19.41	20.84	---	---	---	21.91	18.87	20.29	22.41	19.78	21.26
21	22.68	19.74	21.01	22.69	19.39	21.13	21.69	18.90	20.29	22.76	20.17	21.57
22	22.34	19.77	20.92	22.34	19.43	20.78	21.88	18.67	20.51	22.49	20.00	21.39
23	22.11	18.73	20.51	22.31	19.27	20.68	22.11	18.97	20.85	22.38	19.74	21.10
24	21.92	18.70	20.16	22.05	19.27	20.82	22.09	19.35	20.72	22.25	19.75	21.24
25	21.60	17.20	19.51	22.17	19.32	20.93	21.92	19.07	20.85	22.22	19.72	21.06
26	20.92	17.19	19.55	21.74	18.73	20.40	21.83	18.92	20.62	22.39	19.47	21.11
27	21.50	18.56	20.16	21.18	18.04	19.65	21.79	18.55	20.43	21.65	19.01	20.54
28	21.43	18.02	19.77	21.16	17.72	19.94	21.65	18.34	20.17	21.71	18.55	20.30
29	21.32	17.80	19.97	21.78	19.29	20.60	22.09	18.32	20.32	22.31	18.66	20.53
30	21.82	18.18	20.27	21.40	18.22	20.11	21.72	18.14	20.04	22.40	19.73	21.00
31	---	---	---	21.48	18.59	20.23	22.26	18.44	20.41	---	---	---
MONTH	22.68	17.19	20.43	22.69	17.41	20.30	22.68	18.03	20.61	22.99	18.17	20.96
YEAR	23.36	16.67	20.53									

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEKIN ABBEY NEAR CORDEVILLE, 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, 143 microseiemens, Feb. 22; minimum, 84 microsiemens, July 31, Aug. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

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

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

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

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 sea level (U.S. Army Corps of Engineers bench mark). Prior to May 18, 1983, at site 0.5 mi upstream at datum 5.19 ft higher.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.48 ft, Sept. 5, 1987; minimum gage height, 6.85 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.81 ft, May 22, 23; minimum gage height, 8.21 ft, Jan 15.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.90	10.74	12.61	12.62	8.37	10.93	13.67	10.57	12.31	---	---	---
2	13.74	11.12	12.31	13.02	9.43	11.42	13.80	11.02	12.58	---	---	---
3	13.41	10.53	12.12	12.91	9.90	11.40	13.89	11.34	12.57	---	---	---
4	13.62	10.37	12.20	13.37	10.06	11.90	13.45	10.84	12.18	---	---	---
5	13.31	10.58	12.20	13.71	10.91	12.38	13.19	9.97	11.56	---	---	---
6	13.53	10.71	12.32	12.73	9.94	11.48	12.66	10.21	11.40	---	---	---
7	14.01	11.42	12.77	12.90	9.85	11.55	13.04	10.51	11.91	---	---	---
8	13.90	11.61	12.74	13.47	10.71	12.15	13.67	11.19	12.34	---	---	---
9	13.51	10.33	12.09	13.73	11.13	12.39	13.73	10.93	12.52	---	---	---
10	13.39	10.12	11.91	13.60	11.05	12.41	13.77	10.91	12.59	---	---	---
11	13.37	10.63	12.02	14.08	11.23	12.70	13.40	10.41	11.80	---	---	---
12	13.77	10.89	12.32	14.35	11.48	12.81	13.50	9.42	11.72	---	---	---
13	14.01	10.93	12.51	13.85	11.24	12.52	14.13	10.80	12.51	---	---	---
14	14.39	11.34	12.97	13.57	10.04	11.94	13.82	10.76	12.36	---	---	---
15	14.57	11.74	13.27	13.48	9.73	11.93	13.84	10.56	12.29	12.31	8.21	10.44
16	14.37	11.66	13.12	13.53	10.29	11.94	13.38	9.73	11.84	13.24	9.05	11.41
17	14.12	11.42	12.85	13.08	9.73	11.71	13.85	10.74	12.45	12.74	10.27	11.55
18	14.11	10.88	12.67	13.20	10.04	11.80	---	---	---	12.18	9.18	10.75
19	13.92	10.68	12.44	13.77	11.26	12.45	---	---	---	12.11	10.24	11.02
20	14.08	11.25	12.60	12.82	9.98	11.65	---	---	---	12.17	10.63	11.44
21	13.47	10.45	12.13	---	---	---	---	---	---	12.35	9.90	11.41
22	13.49	10.12	12.03	---	---	---	---	---	---	12.66	9.90	11.35
23	13.69	11.27	12.46	---	---	---	---	---	---	12.77	9.67	11.31
24	13.81	11.64	12.69	---	---	---	---	---	---	12.56	8.93	10.98
25	13.93	11.71	12.77	13.70	11.33	12.54	---	---	---	12.89	8.95	11.09
26	13.71	11.45	12.69	13.89	11.24	12.70	---	---	---	12.94	8.87	11.25
27	13.72	11.08	12.36	14.06	11.49	12.83	---	---	---	13.77	9.54	11.93
28	13.84	11.20	12.51	13.47	10.63	12.05	---	---	---	14.02	10.93	12.46
29	13.93	11.06	12.70	13.67	9.83	11.87	---	---	---	13.07	9.83	11.53
30	14.52	11.38	12.80	13.56	10.23	12.02	---	---	---	13.43	9.81	11.84
31	13.35	10.24	11.70	---	---	---	---	---	---	13.80	11.05	12.32
MONTH	14.57	10.12	12.48	14.35	8.37	12.06	14.13	9.42	12.17	14.02	8.21	11.42

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.09	10.40	11.76	13.53	10.87	12.21	13.26	11.02	12.12	12.94	10.06	11.55
2	12.97	10.21	11.63	13.92	11.56	12.81	13.62	10.96	12.32	12.62	9.51	11.45
3	12.92	9.46	11.75	13.40	10.06	11.68	12.93	10.00	11.76	13.59	10.89	12.53
4	12.55	9.88	11.54	12.75	10.34	11.54	12.80	9.95	11.40	13.63	11.50	12.59
5	12.78	10.04	11.32	12.68	10.13	11.54	12.85	10.01	11.67	13.07	10.40	11.85
6	12.64	9.75	11.32	13.28	10.37	12.14	13.07	10.51	11.77	13.51	10.38	11.85
7	13.07	9.76	11.49	13.36	10.80	12.14	12.69	9.79	11.43	12.93	10.03	11.57
8	13.10	9.72	11.65	13.48	10.67	12.13	13.47	9.65	11.57	12.65	9.53	11.21
9	13.07	9.87	11.56	13.74	10.21	11.96	13.29	10.55	12.05	13.30	9.79	11.54
10	13.43	9.45	11.85	13.63	11.00	12.27	13.17	10.29	11.72	13.53	10.50	11.78
11	13.51	10.76	12.14	13.13	9.62	11.56	13.20	10.01	11.65	13.75	10.77	12.19
12	13.47	9.98	11.73	13.07	10.21	11.76	13.24	10.11	11.67	13.75	11.29	12.57
13	13.35	10.31	11.72	13.21	10.43	11.83	13.24	10.37	11.74	13.87	11.11	12.41
14	12.80	9.57	11.51	13.05	9.85	11.47	12.71	9.72	11.10	13.90	10.87	12.28
15	12.84	10.03	11.52	13.05	10.10	11.63	12.63	9.93	11.44	13.33	10.42	11.93
16	12.57	10.26	11.48	12.82	10.03	11.50	12.85	10.15	11.41	12.64	10.21	11.60
17	12.74	10.88	11.74	12.78	10.31	11.63	12.21	9.20	11.02	12.52	9.80	11.39
18	12.75	10.82	11.78	12.75	10.38	11.41	12.37	9.91	11.23	13.15	10.34	11.84
19	12.87	10.81	11.82	12.03	9.77	10.89	12.56	10.14	11.40	13.63	11.05	12.37
20	13.11	10.18	11.81	12.43	10.26	11.26	12.83	9.76	11.48	14.32	11.52	12.87
21	12.95	10.18	11.73	12.58	10.46	11.59	13.13	10.26	11.62	14.26	11.55	12.95
22	13.70	10.26	12.16	12.31	9.90	11.25	13.43	10.29	11.79	14.81	11.86	13.16
23	13.76	11.20	12.54	12.93	10.14	11.64	13.87	10.78	12.18	14.81	12.15	13.41
24	13.23	9.58	11.80	13.50	10.05	12.05	14.06	10.63	12.36	14.47	11.84	13.05
25	13.76	9.96	11.91	13.39	10.55	12.08	13.80	10.69	12.17	14.28	10.53	12.47
26	13.45	9.85	11.72	13.65	10.19	11.86	13.55	10.46	11.86	13.86	10.54	12.15
27	13.72	9.90	11.96	13.94	10.82	12.51	13.55	10.35	11.76	13.55	10.17	11.74
28	13.73	10.75	12.38	13.93	10.70	12.28	13.48	10.45	11.75	13.58	11.00	12.29
29	---	---	---	13.34	9.00	11.38	13.23	10.09	11.71	13.80	11.36	12.49
30	---	---	---	13.25	9.78	11.49	13.19	10.16	11.59	13.57	11.30	12.44
31	---	---	---	13.33	11.04	12.19	---	---	---	13.65	11.52	12.58
MONTH	13.76	9.45	11.76	13.94	9.00	11.80	14.06	9.20	11.69	14.81	9.51	12.20
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.70	10.75	12.44	13.55	10.32	11.83	13.64	10.40	11.99	13.60	9.79	11.83
2	13.25	10.22	11.88	12.95	9.77	11.57	13.95	10.90	12.34	13.65	9.79	11.72
3	13.79	9.74	11.85	13.00	9.73	11.49	13.81	11.10	12.29	13.47	10.73	12.07
4	13.39	10.69	12.15	12.96	9.84	11.45	13.55	10.73	12.07	13.93	10.96	12.42
5	13.33	10.43	11.88	13.25	9.94	11.48	13.35	10.88	12.03	14.42	11.43	12.82
6	13.22	10.31	11.72	13.95	10.34	11.86	13.35	9.91	11.65	14.40	12.27	13.33
7	13.69	10.55	11.79	13.56	11.03	12.13	13.88	10.87	12.30	14.16	11.31	12.74
8	13.39	10.59	11.90	13.60	10.62	11.88	14.10	11.24	12.58	14.21	11.01	12.83
9	13.60	10.32	11.93	13.13	10.38	11.66	14.10	11.56	12.92	13.93	11.16	12.72
10	13.86	11.03	12.39	13.13	9.86	11.37	13.99	11.30	12.88	14.29	10.83	12.88
11	13.86	10.73	12.11	12.83	9.67	11.30	13.84	11.05	12.65	14.25	10.66	12.77
12	13.33	10.69	11.83	12.93	9.72	11.66	13.95	10.70	12.58	13.42	10.47	12.18
13	13.13	10.54	12.06	13.23	10.15	11.94	13.78	10.36	12.23	13.63	10.43	12.11
14	13.46	10.83	12.14	12.92	9.80	11.59	13.54	9.80	11.93	13.55	10.04	12.00
15	13.28	10.72	12.01	13.48	9.54	11.65	13.20	9.47	11.58	13.59	10.07	11.89
16	13.07	10.41	11.88	13.54	8.94	11.48	13.66	9.81	11.73	13.83	10.75	12.17
17	13.25	10.56	12.00	13.65	9.21	11.72	13.39	9.76	11.79	13.50	11.04	12.24
18	13.78	10.58	12.17	13.41	9.67	11.72	13.66	9.44	11.51	13.08	10.53	11.95
19	---	---	---	13.56	10.52	11.88	13.58	10.28	11.79	13.63	10.12	12.16
20	---	---	---	14.15	9.93	11.98	13.38	10.24	11.75	13.92	11.25	12.71
21	---	---	---	14.18	10.92	12.25	13.09	10.28	11.72	14.22	11.61	12.98
22	---	---	---	13.92	10.91	12.21	13.37	10.19	11.91	13.90	11.54	12.81
23	---	---	---	13.69	10.85	12.14	13.49	10.39	12.25	13.84	11.05	12.52
24	13.35	10.18	11.62	13.58	10.77	12.25	13.56	10.83	12.16	13.64	11.17	12.63
25	13.08	8.81	11.03	13.60	10.80	12.35	13.34	10.64	12.27	13.64	11.20	12.49
26	12.45	8.71	11.04	13.24	10.31	11.83	13.16	10.40	12.05	13.76	10.92	12.51
27	13.06	10.04	11.62	12.68	9.60	11.14	13.11	10.13	11.86	12.96	10.50	11.96
28	12.90	9.62	11.29	12.55	9.34	11.37	13.07	9.81	11.63	13.13	10.01	11.73
29	12.73	9.36	11.41	13.18	10.51	11.98	13.45	9.84	11.76	13.72	10.14	11.96
30	13.21	9.56	11.71	12.83	9.72	11.55	13.11	9.69	11.49	13.86	11.19	12.43
31	---	---	---	12.89	10.10	11.70	13.62	9.90	11.85	---	---	---
MONTH	13.86	8.71	11.83	14.18	8.94	11.76	14.10	9.44	12.05	14.42	9.79	12.39
YEAR	14.81	8.21	11.98									

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 September 1993 (discontinued).

WATER TEMPERATURE: August 1975 to current year.

DISSOLVED OXYGEN: April 1983 to September 1993 (discontinued).

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, 149 microsiemens, Feb. 22; minimum, 84 microsiemens, Oct. 1.

WATER TEMPERATURE: Maximum, 30.5°C, July 18 - 20; minimum, 5.0°C, Jan. 19, 20, 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	88	84	86	96	91	93	102	95	97	113	110	111
2	88	85	86	96	92	93	101	97	98	116	111	113
3	89	86	88	105	92	95	99	97	98	119	112	114
4	100	86	88	105	91	95	103	98	99	115	111	112
5	110	87	93	93	90	91	105	99	101	115	112	113
6	91	87	88	94	90	92	107	101	104	---	---	---
7	90	87	89	99	92	95	106	101	103	---	---	---
8	92	86	88	104	93	96	106	100	102	---	---	---
9	89	86	87	103	92	95	107	101	102	---	---	---
10	92	87	89	102	91	94	106	101	102	---	---	---
11	105	88	92	100	92	94	103	101	102	---	---	---
12	129	89	101	---	---	---	107	102	103	---	---	---
13	148	89	108	---	---	---	104	102	102	---	---	---
14	114	86	91	101	92	94	118	102	105	---	---	---
15	98	85	86	104	93	96	116	103	107	118	113	115
16	100	85	87	98	93	94	107	103	104	118	114	116
17	109	87	90	107	94	97	107	102	104	117	115	116
18	107	86	90	99	94	96	---	---	---	122	117	120
19	99	86	89	96	93	94	---	---	---	124	120	122
20	93	86	88	96	94	95	---	---	---	121	120	120
21	90	87	89	97	94	95	104	102	103	122	120	121
22	92	88	89	---	---	---	105	104	104	122	121	122
23	96	88	90	---	---	---	105	103	104	122	122	122
24	95	88	90	---	---	---	105	103	104	124	122	123
25	95	87	90	96	92	94	---	---	---	126	124	125
26	98	88	92	99	93	94	---	---	---	128	124	125
27	101	90	94	99	93	95	---	---	---	128	123	125
28	98	90	92	100	94	96	---	---	---	128	124	126
29	92	90	91	100	96	97	---	---	---	130	125	126
30	94	90	91	99	93	96	113	109	110	130	126	128
31	94	90	92	---	---	---	112	109	110	131	128	129
MONTH	148	84	90	107	90	95	118	95	103	131	110	120

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	133	129	130	141	136	137	123	116	119	116	106	109
2	136	131	134	140	134	136	122	115	118	116	106	109
3	134	133	134	135	131	134	125	115	119	118	103	107
4	136	132	135	133	127	131	126	116	121	107	102	103
5	137	134	136	131	125	128	126	118	121	106	101	103
6	139	134	137	129	123	127	128	118	121	105	103	104
7	140	137	138	129	126	127	126	118	121	105	101	103
8	141	138	139	132	128	130	126	117	121	105	101	103
9	140	138	139	133	130	131	133	116	123	106	102	103
10	140	137	138	132	130	131	126	115	120	107	101	103
11	138	137	138	132	129	131	128	115	120	104	100	101
12	140	138	138	131	126	129	124	113	117	102	97	100
13	139	138	139	129	127	128	121	113	117	101	97	98
14	140	138	139	129	127	128	123	113	117	104	97	99
15	139	138	138	129	127	128	123	113	118	100	97	98
16	140	137	138	130	126	128	121	113	117	101	97	99
17	139	137	138	129	125	126	124	113	118	101	97	99
18	140	137	138	127	125	126	122	112	118	101	99	100
19	140	138	139	129	125	126	122	112	118	103	98	100
20	141	138	139	129	126	127	122	112	117	102	97	99
21	144	139	140	135	126	128	122	111	117	106	97	99
22	149	138	141	132	126	128	126	107	112	108	99	101
23	145	137	138	132	126	128	117	107	112	110	98	102
24	141	136	138	136	124	127	116	107	110	102	99	100
25	141	136	137	130	123	125	111	105	107	104	99	100
26	141	137	138	128	123	125	108	105	106	107	101	103
27	144	138	140	135	124	127	113	105	108	116	103	106
28	142	136	138	132	123	127	111	105	108	114	97	101
29	---	---	---	129	122	125	115	103	108	128	97	105
30	---	---	---	134	124	128	113	105	108	124	97	102
31	---	---	---	137	117	124	---	---	---	120	98	103
MONTH	149	129	138	141	117	128	133	103	116	128	97	102
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	110	98	100	115	99	106	104	91	95	114	99	101
2	100	97	98	114	99	103	105	95	97	115	100	104
3	100	98	99	114	101	106	107	96	101	115	101	104
4	102	98	99	109	102	105	129	97	105	122	102	107
5	103	98	100	115	102	107	107	96	100	146	103	112
6	105	99	101	112	101	107	107	96	99	133	100	102
7	105	99	100	112	100	106	107	97	101	113	101	103
8	101	97	98	124	101	111	118	101	109	112	102	104
9	98	96	97	130	101	110	127	98	108	108	102	104
10	99	96	97	116	101	104	120	97	105	106	101	103
11	97	95	96	105	103	104	113	97	103	104	101	103
12	99	97	98	111	100	104	106	97	100	106	102	103
13	100	96	98	106	99	100	115	97	102	110	104	106
14	99	96	97	106	99	101	107	99	101	110	106	108
15	99	97	98	107	100	102	113	99	104	111	106	108
16	100	98	99	107	100	101	108	100	102	114	105	108
17	101	99	100	106	100	102	107	98	101	114	103	108
18	100	98	99	122	100	104	112	101	104	110	103	106
19	---	---	---	120	101	104	105	101	102	113	102	105
20	---	---	---	114	102	106	108	99	102	116	102	105
21	---	---	---	108	100	102	110	100	103	107	100	103
22	---	---	---	107	98	101	112	94	101	103	98	100
23	---	---	---	105	97	100	112	95	100	102	98	99
24	128	101	110	105	96	100	110	95	99	101	97	98
25	121	99	104	107	88	98	112	96	100	105	95	100
26	120	102	106	103	90	97	111	97	102	100	94	96
27	117	101	106	123	94	104	107	98	101	102	95	98
28	117	99	106	131	98	111	113	98	103	99	95	97
29	120	100	108	111	97	104	119	100	105	100	96	98
30	116	99	106	118	95	100	114	100	103	101	96	98
31	---	---	---	103	90	96	115	101	104	---	---	---
MONTH	128	95	101	131	88	103	129	91	102	146	94	103
YEAR	149	84	108									

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.0	23.5	16.5	14.5	15.5	15.2	13.2	13.9	9.0	7.5	8.0
2	24.0	23.0	23.5	15.5	14.5	15.0	14.2	13.3	13.8	8.5	8.0	8.5
3	24.0	23.0	23.5	15.0	14.5	15.0	14.0	13.5	13.5	9.0	8.5	8.5
4	24.0	23.5	23.5	15.5	14.5	15.0	14.0	13.5	14.0	9.0	8.5	8.5
5	24.0	23.5	23.5	15.5	15.0	15.5	14.5	14.0	14.5	9.0	7.5	8.0
6	23.5	22.5	23.0	16.0	15.5	15.5	15.0	14.0	14.5	---	---	---
7	22.5	22.0	22.0	15.5	15.0	15.0	14.5	13.5	14.0	---	---	---
8	22.0	22.0	22.0	15.0	14.0	14.5	14.0	13.5	13.5	---	---	---
9	22.5	22.0	22.0	14.0	13.5	14.0	14.5	13.5	14.0	---	---	---
10	22.5	22.0	22.5	13.5	13.0	13.5	14.0	13.0	13.5	---	---	---
11	22.5	21.0	22.0	13.5	13.0	13.5	13.5	13.0	13.0	---	---	---
12	21.0	20.0	20.5	---	---	---	13.5	11.5	12.0	---	---	---
13	20.5	20.0	20.0	---	---	---	12.0	11.0	11.5	---	---	---
14	20.5	20.0	20.5	15.0	14.0	14.5	11.0	10.0	10.5	---	---	---
15	20.5	20.0	20.5	15.5	15.0	15.0	10.5	10.0	10.5	8.5	7.5	8.0
16	20.5	20.5	20.5	15.5	14.5	15.0	11.0	10.0	10.5	7.5	5.5	6.5
17	20.5	20.0	20.5	16.5	15.5	15.5	11.0	10.5	10.5	7.0	6.0	6.5
18	21.0	20.0	20.5	16.5	15.0	15.5	---	---	---	7.5	6.5	7.0
19	21.0	20.5	21.0	15.5	14.5	15.0	---	---	---	8.0	5.0	6.0
20	21.0	20.5	21.0	15.0	14.5	14.5	---	---	---	6.5	5.0	5.5
21	21.5	21.0	21.0	14.5	14.0	14.0	11.5	10.0	11.0	6.5	5.5	6.0
22	21.5	20.0	21.0	---	---	---	11.0	10.0	10.5	6.5	5.0	5.5
23	20.0	19.0	20.0	---	---	---	10.5	9.5	10.0	6.5	5.5	6.0
24	19.0	18.5	18.5	---	---	---	9.5	9.0	9.5	6.5	6.0	6.0
25	19.0	18.5	19.0	15.0	14.5	14.5	---	---	---	7.0	6.0	6.5
26	19.0	18.5	19.0	15.0	14.0	14.5	---	---	---	7.0	6.5	6.5
27	19.0	18.3	18.7	15.0	14.5	14.5	---	---	---	7.0	6.5	6.5
28	19.0	18.7	18.8	15.0	14.5	15.0	---	---	---	7.0	6.0	6.5
29	18.7	18.0	18.2	14.5	13.5	14.0	9.0	9.0	9.0	8.0	7.0	7.5
30	18.5	18.0	18.0	15.1	13.3	14.0	9.5	9.0	9.0	8.5	7.5	8.0
31	18.5	16.5	17.5	---	---	---	10.0	8.5	9.0	9.0	7.5	8.0
MONTH	24.5	16.5	20.8	16.5	13.0	14.7	15.2	8.5	11.9	9.0	5.0	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	7.0	7.5	13.0	12.0	12.5	19.0	17.0	18.0	23.5	22.0	22.5
2	8.0	7.5	8.0	13.0	12.5	13.0	18.5	17.0	18.0	23.5	22.0	23.0
3	8.5	6.0	7.5	13.0	12.0	13.0	18.5	17.5	18.0	22.5	21.0	21.5
4	8.5	7.0	8.0	13.0	12.0	12.5	19.0	18.0	18.5	21.5	21.5	21.5
5	8.5	8.0	8.0	14.0	12.5	13.0	20.0	18.5	19.0	21.5	20.5	21.0
6	8.5	8.0	8.0	14.5	13.5	14.0	19.5	19.0	19.0	21.5	21.0	21.0
7	10.0	8.5	9.0	15.5	14.0	14.5	20.0	18.5	19.0	22.0	21.0	21.5
8	10.0	9.0	9.5	15.0	13.5	14.0	19.5	18.0	19.0	22.0	21.5	21.5
9	9.5	9.0	9.0	15.0	14.0	14.5	19.5	18.5	19.0	22.5	21.5	22.0
10	10.0	9.0	9.5	15.5	14.0	14.5	20.0	18.5	19.5	22.5	21.5	22.0
11	9.0	8.5	9.0	15.0	12.5	14.0	20.0	19.0	19.5	22.5	21.5	22.0
12	9.5	8.5	9.0	15.0	12.5	13.5	19.5	19.0	19.5	22.5	21.5	22.0
13	10.0	9.0	9.5	14.5	14.0	14.0	20.0	19.0	19.0	23.0	22.0	22.0
14	10.5	9.0	10.0	15.5	14.5	14.5	21.0	19.5	20.0	23.5	22.0	22.5
15	10.5	9.0	9.5	15.5	14.0	14.5	21.5	20.0	20.5	23.5	22.5	23.0
16	10.5	10.0	10.5	15.0	14.0	14.5	21.5	20.0	20.5	23.0	22.0	22.5
17	10.5	9.5	10.0	15.5	13.5	14.5	21.5	20.0	20.5	23.5	22.5	23.0
18	10.5	10.0	10.0	15.0	13.5	14.0	21.5	20.0	21.0	24.0	23.0	23.5
19	11.0	10.5	11.0	15.0	14.0	14.5	22.0	20.5	21.0	24.0	22.5	23.0
20	12.0	11.0	11.5	16.0	15.0	15.5	22.5	21.0	21.5	23.0	21.5	22.0
21	13.0	12.0	12.5	16.0	15.5	16.0	22.0	21.0	21.0	22.5	21.5	22.0
22	13.5	11.5	12.0	17.0	15.5	16.5	23.0	21.0	21.5	22.0	21.0	21.5
23	12.5	11.5	12.0	17.5	16.0	16.5	22.5	21.5	21.5	22.5	21.0	21.5
24	14.0	11.5	12.5	17.5	15.5	16.5	22.5	21.0	21.5	22.0	21.5	21.5
25	14.5	12.0	13.0	16.5	15.5	16.0	22.0	21.0	21.5	22.5	21.5	22.0
26	14.5	13.5	14.0	17.5	16.5	17.0	22.5	21.5	22.0	23.0	22.0	22.5
27	14.0	11.5	12.5	18.5	17.0	17.5	23.0	21.5	22.0	23.5	22.5	23.0
28	13.0	11.5	12.0	18.5	17.5	18.0	23.0	21.5	22.5	23.5	22.5	23.0
29	---	---	---	20.0	18.0	18.5	24.0	22.0	22.5	24.5	22.5	23.0
30	---	---	---	19.5	17.5	18.5	23.5	22.0	22.5	24.0	22.0	23.0
31	---	---	---	18.5	17.5	18.0	---	---	---	23.0	22.0	22.5
MONTH	14.5	6.0	10.2	20.0	12.0	15.1	24.0	17.0	20.3	24.5	20.5	22.2

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 sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.42 ft, May 23, 1994; minimum, 17.93 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.42 ft, May 23; minimum, 18.39 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.25	21.77	23.79	24.22	19.52	22.27	---	---	---	24.77	21.03	23.07
2	25.19	22.14	23.70	24.53	20.51	22.70	---	---	---	24.67	20.52	22.90
3	24.87	21.65	23.42	24.52	20.86	22.76	---	---	---	25.08	21.37	23.52
4	24.97	21.57	23.48	24.61	20.71	22.95	25.20	21.98	23.70	25.03	19.51	22.58
5	24.87	21.81	23.52	24.86	21.52	23.31	24.95	20.63	22.90	24.02	20.13	22.25
6	25.11	21.98	23.76	24.33	20.99	22.75	24.49	20.90	22.80	24.51	20.44	22.88
7	25.55	22.57	24.17	24.54	20.69	22.94	24.78	21.53	23.25	24.53	20.72	23.03
8	25.29	22.62	23.99	24.89	21.88	23.59	25.08	21.67	23.64	24.54	20.43	22.57
9	24.92	21.39	23.41	25.06	22.07	23.78	25.17	21.67	23.75	24.45	19.67	22.63
10	24.91	21.20	23.28	25.07	21.99	23.79	25.33	21.72	23.84	24.75	20.17	22.93
11	25.04	21.82	23.58	25.49	22.03	24.08	24.84	21.11	23.12	25.16	20.98	23.27
12	25.22	21.92	23.79	25.82	22.34	24.19	25.01	20.04	23.09	24.91	20.70	22.93
13	25.46	21.95	23.91	25.69	22.04	23.93	25.70	21.51	23.81	25.05	20.28	23.02
14	25.82	22.12	24.21	25.26	20.88	23.38	25.63	21.73	23.87	24.84	21.13	23.11
15	26.00	22.50	24.45	25.21	20.58	23.29	25.32	21.41	23.51	23.97	19.09	21.72
16	25.98	22.62	24.48	25.12	21.00	23.30	24.94	20.51	23.11	24.66	19.93	22.56
17	25.76	22.44	24.16	24.99	20.94	23.13	25.35	21.63	23.72	24.28	21.46	22.92
18	25.52	21.72	23.86	24.64	20.65	23.01	25.27	22.19	23.81	23.83	20.15	22.15
19	25.30	21.70	23.78	25.25	21.92	23.67	24.86	21.80	23.50	23.73	20.74	22.25
20	25.52	22.03	23.89	24.44	21.13	22.97	24.83	22.16	23.65	23.76	21.17	22.67
21	25.06	21.46	23.44	24.75	22.19	23.53	24.56	20.70	22.78	23.76	20.87	22.62
22	25.00	21.34	23.40	24.81	22.11	23.64	24.05	21.08	22.79	24.03	20.52	22.58
23	25.11	22.51	23.96	24.77	22.11	23.60	24.39	21.12	22.89	24.11	20.33	22.60
24	25.15	22.83	24.13	24.87	22.18	23.69	24.42	21.12	22.97	24.07	19.99	22.42
25	25.37	22.89	24.21	25.01	22.31	23.87	24.02	20.00	22.37	24.33	19.93	22.44
26	25.28	22.43	24.10	25.25	22.49	24.07	23.30	18.39	21.54	24.49	19.78	22.62
27	25.05	22.23	23.77	25.50	22.63	24.20	23.70	18.87	21.84	25.18	20.48	23.30
28	25.25	22.15	23.71	---	---	---	24.09	19.47	22.22	25.48	21.95	23.72
29	25.36	22.20	23.93	---	---	---	24.55	19.81	22.62	24.61	20.51	22.85
30	25.89	22.57	24.20	---	---	---	24.74	19.83	22.70	24.92	20.66	23.14
31	24.68	21.08	22.93	---	---	---	25.09	20.56	23.17	25.20	21.64	23.57
MONTH	26.00	21.08	23.82	25.82	19.52	23.42	25.70	18.39	23.11	25.48	19.09	22.80

COOPER RIVER BASIN

02172037 EAST BRANCH COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	24.80	21.05	23.06	25.22	21.35	23.50	25.00	21.61	23.37	24.71	21.06	22.93
2	24.71	20.73	22.92	25.56	21.85	23.98	25.26	21.70	23.46	24.38	20.47	22.89
3	24.63	20.50	22.95	25.04	20.55	22.92	24.65	21.10	23.07	25.07	22.42	23.86
4	24.28	20.87	22.78	24.49	20.88	22.89	24.28	20.76	22.81	25.05	22.35	23.83
5	24.50	20.66	22.80	24.37	21.11	23.04	24.54	21.14	23.12	24.51	21.52	23.26
6	24.40	20.62	22.78	25.00	21.87	23.58	24.54	21.19	23.15	24.92	21.42	23.23
7	24.59	20.58	22.90	24.95	21.82	23.51	24.20	20.26	22.74	24.63	20.73	22.97
8	24.65	20.63	23.00	24.87	21.53	23.39	24.96	20.74	23.02	24.27	20.19	22.64
9	24.41	20.54	22.75	25.07	21.23	23.32	24.94	21.44	23.39	24.99	20.93	22.97
10	25.11	20.21	23.01	25.11	22.08	23.59	24.75	20.99	23.05	25.12	21.15	23.16
11	25.09	21.91	23.54	24.69	20.43	22.85	24.83	20.87	22.84	25.42	21.87	23.51
12	24.93	21.02	23.13	24.82	21.25	23.20	24.95	21.18	22.96	25.41	22.22	23.78
13	24.74	21.37	23.14	24.84	21.52	23.29	24.95	21.17	23.07	25.46	22.10	23.76
14	24.55	20.75	22.88	24.78	20.59	22.84	24.42	20.39	22.45	25.62	21.81	23.68
15	24.52	20.95	22.89	24.73	20.99	22.99	24.41	21.01	22.82	25.03	21.38	23.26
16	24.26	21.03	22.76	24.47	20.84	22.73	24.55	20.77	22.69	24.40	20.99	22.78
17	24.41	21.57	23.07	24.42	21.36	22.99	23.75	20.51	22.40	24.25	20.82	22.80
18	24.46	21.93	23.15	24.44	21.06	22.78	24.16	20.93	22.64	24.60	21.39	23.30
19	24.55	22.06	23.29	23.80	20.74	22.33	24.33	21.04	22.82	25.16	22.10	23.80
20	24.51	21.44	23.26	24.19	21.32	22.75	24.18	20.64	22.75	25.66	22.56	24.24
21	24.71	21.51	23.24	24.32	21.39	23.00	24.53	20.71	22.90	25.78	22.60	24.41
22	25.07	21.24	23.54	24.06	20.78	22.70	25.01	20.92	23.17	26.26	22.92	24.61
23	25.35	22.35	23.89	24.44	21.16	23.09	25.51	21.75	23.69	26.42	22.77	24.67
24	24.75	20.39	23.03	24.90	21.02	23.34	25.48	21.47	23.71	26.16	22.09	24.28
25	25.23	20.50	23.18	24.83	21.15	23.29	25.47	20.83	23.36	25.72	21.38	23.86
26	24.78	20.53	23.18	25.25	20.94	23.31	25.27	20.32	23.08	25.61	21.18	23.52
27	25.24	20.83	23.28	25.63	21.88	23.85	25.25	20.46	23.04	25.31	20.54	23.12
28	25.29	21.48	23.61	25.49	21.17	23.56	25.23	20.61	23.07	25.22	21.90	23.76
29	---	---	---	25.08	19.66	22.77	25.00	20.90	22.97	25.54	22.38	24.04
30	---	---	---	24.94	20.40	22.85	24.93	20.88	22.97	25.50	22.50	24.03
31	---	---	---	25.13	21.50	23.44	---	---	---	25.40	22.51	23.99
MONTH	25.35	20.21	23.11	25.63	19.66	23.15	25.51	20.26	23.02	26.42	20.19	23.58
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.10	21.89	23.74	24.93	20.67	23.02	25.07	21.24	23.36	24.78	20.56	22.95
2	24.81	21.71	23.40	24.51	20.84	23.02	25.41	21.79	23.70	25.00	20.57	22.95
3	25.18	20.82	23.27	24.56	20.78	22.94	25.28	21.70	23.65	25.04	21.58	23.44
4	24.95	21.87	23.63	24.69	20.89	22.94	25.21	21.31	23.42	25.50	21.84	23.68
5	24.81	21.43	23.36	24.74	20.81	22.94	25.09	21.23	23.33	25.82	22.42	24.11
6	24.90	21.36	23.21	25.39	21.05	23.16	25.21	20.95	23.21	25.78	22.69	24.38
7	25.14	21.08	23.18	25.23	21.32	23.39	25.64	21.99	23.79	25.58	22.18	23.95
8	25.01	21.12	23.10	25.09	20.85	23.15	25.90	22.21	24.02	25.52	21.84	23.96
9	25.33	21.33	23.26	24.89	20.60	22.91	25.90	22.69	24.31	25.44	22.09	23.94
10	25.59	21.97	23.72	24.69	20.49	22.73	25.73	22.34	24.14	25.64	21.80	23.93
11	25.57	21.48	23.48	24.69	20.59	22.72	25.55	22.07	23.86	25.57	21.60	23.88
12	25.06	21.43	23.23	24.78	20.64	22.94	25.30	21.69	23.75	25.18	21.44	23.61
13	24.85	21.50	23.32	24.95	20.89	23.16	25.27	21.37	23.52	25.04	21.50	23.61
14	25.03	21.70	23.46	24.72	20.82	22.98	25.04	20.79	23.29	25.00	21.12	23.36
15	24.91	21.65	23.37	24.83	20.28	22.92	24.95	20.31	22.98	25.02	20.94	23.30
16	24.71	21.29	23.19	24.87	19.96	22.79	25.18	20.65	23.14	25.29	21.43	23.49
17	24.86	21.22	23.35	25.18	20.19	23.10	25.09	20.54	23.18	25.16	21.59	23.57
18	25.29	21.21	23.52	25.11	20.35	23.18	25.05	19.87	22.81	24.77	21.50	23.27
19	25.29	21.05	23.52	25.31	20.89	23.33	25.22	20.49	23.02	25.53	21.12	23.70
20	25.61	21.01	23.53	25.50	20.69	23.40	25.11	20.71	23.15	25.75	22.55	24.28
21	25.75	21.10	23.62	25.67	21.00	23.49	24.86	20.65	23.05	25.82	22.83	24.42
22	25.51	21.26	23.59	25.59	20.95	23.46	25.02	20.95	23.12	25.65	22.87	24.29
23	25.11	20.90	23.35	25.33	21.29	23.46	25.19	21.32	23.49	25.36	22.22	23.91
24	24.93	20.61	22.93	25.33	21.84	23.64	25.22	21.91	23.57	25.24	22.23	24.00
25	24.93	19.87	22.53	25.31	21.83	23.63	24.97	21.75	23.58	25.30	22.53	23.96
26	24.43	19.58	22.44	24.97	21.21	23.13	25.10	21.98	23.72	25.35	22.14	23.89
27	24.85	20.68	22.84	24.43	20.62	22.63	24.93	21.70	23.61	24.70	21.86	23.46
28	24.69	20.65	22.75	24.22	20.38	22.74	25.02	21.46	23.51	24.72	21.32	23.21
29	24.20	20.49	22.67	24.63	21.04	23.10	25.15	21.46	23.57	---	---	---
30	24.55	20.38	22.94	24.47	20.63	22.87	24.29	21.33	23.10	---	---	---
31	---	---	---	24.49	21.18	23.10	24.82	20.84	22.99	---	---	---
MONTH	25.75	19.58	23.25	25.67	19.96	23.10	25.90	19.87	23.45	25.82	20.56	23.73
YEAR	26.42	18.39	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 sea level.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 18.32 ft, June 13, 1992; minimum gage height, 11.92 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.09 ft, May 23; minimum gage height, 12.32 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17.32	14.85	16.31	16.03	12.95	14.78	17.08	14.82	16.12	16.74	14.51	15.60
2	17.29	15.42	16.21	16.42	13.75	15.26	17.29	15.27	16.41	16.43	14.01	15.45
3	16.78	14.82	15.94	16.37	14.11	15.31	17.30	15.46	16.41	16.85	14.80	15.95
4	16.90	14.68	15.97	16.69	14.27	15.64	17.06	15.21	16.19	16.95	13.11	15.40
5	16.76	14.84	16.01	17.09	14.95	16.11	16.87	14.20	15.58	15.70	13.58	14.70
6	16.97	14.96	16.18	16.49	14.25	15.48	16.28	14.33	15.32	16.24	14.10	15.39
7	17.42	15.54	16.57	16.37	14.07	15.36	16.68	14.61	15.75	16.43	14.06	15.52
8	17.34	15.79	16.59	16.88	14.91	15.94	17.13	15.35	16.21	16.32	13.85	15.15
9	16.90	14.65	15.94	17.10	15.33	16.20	17.19	15.18	16.35	16.05	13.27	15.00
10	16.80	14.44	15.75	17.06	15.28	16.21	17.31	15.29	16.46	16.56	13.80	15.38
11	16.86	14.85	15.88	17.39	15.37	16.47	16.90	14.81	15.81	16.96	14.51	15.77
12	17.16	15.11	16.13	17.61	15.64	16.63	16.88	13.85	15.53	16.64	14.25	15.43
13	---	---	---	17.37	15.49	16.45	17.42	14.97	16.29	16.83	13.87	15.50
14	---	---	---	16.97	14.49	15.83	17.27	15.11	16.28	16.74	14.64	15.79
15	17.85	15.92	16.99	16.85	14.21	15.73	17.19	14.92	16.12	16.06	12.80	14.45
16	17.85	16.03	16.99	16.90	14.53	15.78	16.75	14.10	15.68	16.44	13.28	15.08
17	17.64	15.84	16.75	16.57	14.15	15.55	17.18	14.92	16.20	16.32	14.51	15.44
18	17.47	15.25	16.53	16.53	14.25	15.60	17.18	15.45	16.33	15.77	13.44	14.73
19	17.31	15.19	16.39	17.18	15.19	16.19	16.76	15.01	16.00	15.65	14.06	14.78
20	17.44	15.37	16.43	16.59	14.37	15.57	16.85	15.20	16.17	15.80	14.51	15.23
21	16.90	14.78	16.00	16.84	15.07	16.01	16.61	13.99	15.40	15.93	14.06	15.22
22	16.90	14.46	15.83	16.83	15.30	16.15	16.15	14.10	15.26	16.01	14.00	15.13
23	17.13	15.43	16.29	16.76	15.20	16.00	16.25	14.31	15.43	16.09	13.91	15.12
24	17.27	15.78	16.52	16.94	15.27	16.15	16.20	14.49	15.52	15.91	13.32	14.82
25	17.40	15.90	16.60	17.12	15.51	16.37	15.92	13.97	14.97	16.10	13.34	14.90
26	17.24	15.65	16.58	17.36	15.51	16.52	15.19	12.32	14.08	16.23	13.38	15.05
27	17.13	15.33	16.22	17.49	15.83	16.71	15.55	12.44	14.30	17.07	13.96	15.67
28	17.24	15.41	16.28	17.02	14.98	16.04	15.99	13.09	14.67	17.38	15.24	16.33
29	17.32	15.32	16.48	16.89	14.19	15.71	16.29	13.57	15.08	16.78	14.38	15.52
30	17.78	15.64	16.68	16.96	14.56	15.89	16.53	13.51	15.20	16.83	14.25	15.73
31	16.79	14.55	15.66	---	---	---	16.95	14.01	15.79	17.23	15.29	16.23
MONTH	17.85	14.44	16.30	17.61	12.95	15.92	17.42	12.32	15.71	17.38	12.80	15.34

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	16.78	14.72	15.69	---	---	---	16.57	14.85	15.73	16.55	14.45	15.50
2	16.56	14.35	15.51	---	---	---	16.88	14.82	15.87	16.27	14.04	15.43
3	16.45	13.93	15.58	---	---	---	16.31	14.08	15.41	17.19	15.08	16.36
4	16.06	14.09	15.31	---	---	---	16.01	13.92	15.03	17.20	15.77	16.48
5	16.26	14.26	15.34	---	---	---	16.13	14.06	15.25	16.71	14.79	15.84
6	16.04	14.19	15.42	---	---	---	16.23	14.35	15.35	16.91	14.62	15.70
7	16.40	14.08	15.33	---	---	---	15.95	13.71	15.06	16.40	14.14	15.45
8	16.45	14.09	15.45	---	---	---	16.58	13.81	15.15	16.08	13.68	15.07
9	16.34	14.24	15.36	---	---	---	16.55	14.54	15.65	16.72	14.06	15.30
10	16.91	13.90	15.58	16.96	15.18	16.03	16.42	14.21	15.35	16.90	14.57	15.58
11	16.92	15.08	16.03	16.42	14.07	15.34	16.42	14.17	15.23	17.14	14.92	15.94
12	16.75	14.41	15.63	16.46	14.43	15.53	16.56	14.27	15.30	17.16	15.55	16.34
13	16.66	14.61	15.60	16.56	14.63	15.61	16.55	14.65	15.52	17.35	15.37	16.28
14	16.32	13.97	15.36	16.45	14.03	15.26	16.32	13.96	15.03	17.45	15.15	16.29
15	---	---	---	16.34	14.25	15.37	16.18	14.25	15.30	17.00	14.83	15.93
16	---	---	---	16.21	14.15	15.21	16.44	14.21	15.26	16.44	14.53	15.51
17	---	---	---	16.19	14.41	15.37	15.74	13.56	14.90	16.28	14.16	15.37
18	---	---	---	16.21	14.18	15.17	16.04	14.20	15.14	16.67	14.72	15.79
19	---	---	---	15.55	13.75	14.67	16.20	14.35	15.34	17.17	15.26	16.24
20	---	---	---	15.82	14.29	15.02	16.27	14.01	15.32	17.67	15.76	16.67
21	---	---	---	16.00	14.45	15.32	16.53	14.29	15.45	17.67	15.85	16.84
22	---	---	---	15.85	13.99	15.04	16.85	14.51	15.62	18.05	16.13	17.00
23	---	---	---	16.22	14.23	15.43	17.27	15.07	16.06	18.09	16.33	17.16
24	---	---	---	16.90	14.38	15.80	17.36	15.01	16.23	17.81	15.84	16.85
25	---	---	---	16.84	14.93	15.90	17.25	14.90	16.05	17.74	14.89	16.37
26	---	---	---	17.01	14.66	15.79	17.10	14.48	15.76	17.25	14.69	15.99
27	---	---	---	17.37	15.17	16.32	17.00	14.44	15.67	16.95	14.19	15.56
28	---	---	---	17.37	14.77	16.06	17.01	14.45	15.66	16.96	15.08	16.05
29	---	---	---	16.70	13.46	15.16	16.70	14.43	15.53	17.21	15.41	16.29
30	---	---	---	16.37	13.84	15.15	16.71	14.40	15.52	17.09	15.42	16.24
31	---	---	---	16.58	14.85	15.75	---	---	---	17.15	15.59	16.37
MONTH	16.92	13.90	15.51	17.37	13.46	15.47	17.36	13.56	15.46	18.09	13.68	16.06
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.03	14.98	16.21	---	---	---	16.73	14.29	15.55	16.80	14.07	15.57
2	16.68	14.47	15.78	---	---	---	17.02	14.70	15.86	16.91	13.92	15.47
3	17.01	14.05	15.61	---	---	---	16.85	14.74	15.82	16.80	14.78	15.80
4	16.78	14.91	15.99	---	---	---	16.70	14.38	15.57	17.21	15.03	16.06
5	16.70	14.60	15.74	---	---	---	16.50	14.61	15.48	17.54	15.49	16.45
6	16.65	14.49	15.55	---	---	---	16.76	14.22	15.50	17.82	16.31	17.08
7	16.93	14.48	15.55	---	---	---	17.36	15.03	16.08	17.73	15.76	16.64
8	16.91	14.83	15.68	---	---	---	17.48	15.48	16.40	17.45	15.30	16.55
9	17.01	14.71	15.72	---	---	---	17.51	15.80	16.72	17.36	15.47	16.51
10	17.32	15.21	16.13	---	---	---	17.50	15.63	16.66	17.53	15.14	16.57
11	17.32	14.81	15.98	---	---	---	17.39	15.42	16.44	17.47	15.05	16.51
12	16.79	14.71	15.62	---	---	---	17.21	15.02	16.32	16.96	14.83	16.09
13	16.51	14.63	15.74	16.65	14.28	15.61	17.06	14.72	16.03	16.94	14.71	15.95
14	16.77	14.90	15.87	16.41	14.04	15.32	16.82	14.17	15.74	16.88	14.40	15.82
15	16.68	14.77	15.74	16.58	13.68	15.28	16.53	13.74	15.37	16.85	14.37	15.75
16	16.47	14.49	15.60	16.53	13.33	15.14	16.84	13.89	15.41	17.19	14.93	15.95
17	16.54	14.53	15.65	16.73	13.44	15.31	16.83	14.10	15.62	17.02	15.08	16.08
18	17.01	14.57	15.84	16.57	13.74	15.36	16.80	13.58	15.29	16.79	14.88	15.91
19	16.86	14.29	15.75	16.78	14.34	15.48	16.89	14.33	15.50	17.20	14.57	16.01
20	---	---	---	17.09	14.02	15.59	16.68	14.30	15.53	17.45	15.50	16.55
21	---	---	---	17.20	14.60	15.78	16.64	14.37	15.54	17.60	15.80	16.79
22	---	---	---	17.05	14.63	15.82	16.84	14.56	15.68	17.44	15.82	16.69
23	---	---	---	16.97	14.80	15.78	16.84	14.56	15.87	17.32	15.41	16.43
24	---	---	---	16.84	14.87	15.90	16.95	15.00	15.91	17.21	15.40	16.55
25	---	---	---	16.94	14.94	15.95	16.72	14.79	15.95	17.30	15.63	16.53
26	---	---	---	16.53	14.30	15.36	16.69	14.64	15.76	17.28	15.18	16.40
27	---	---	---	15.95	13.55	14.73	16.36	14.29	15.57	16.81	14.85	15.97
28	---	---	---	15.55	13.31	14.77	16.30	14.02	15.36	16.62	14.36	15.66
29	---	---	---	16.21	14.08	15.31	16.60	14.01	15.43	17.08	14.47	15.83
30	---	---	---	16.28	13.75	15.24	16.31	13.86	15.22	17.32	15.37	16.31
31	---	---	---	16.27	14.23	15.42	16.83	14.10	15.50	---	---	---
MONTH	17.32	14.05	15.78	17.20	13.31	15.43	17.51	13.58	15.76	17.82	13.92	16.22
YEAR	18.09	12.32	15.77									

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 September 1993 (discontinued).

WATER TEMPERATURE: February 1981 to current year.

DISSOLVED OXYGEN: February 1981 to September 1993 (discontinued).

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 609 microsiemens, Oct. 21, 1991; minimum, 43 microsiemens Sept. 7, 1987.

pH: Maximum, 8.4 units, Oct. 4, 10, 1987, Mar. 8, 1988; minimum, 5.3 units Sept. 7-8, 1986, May 7, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, July 20, 1986; minimum, 1.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 17, 1990; minimum, 0.0 mg/L, Sept. 23 - Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 341 microsiemens, Oct. 13; minimum, 83 microsiemens, July 31.

WATER TEMPERATURE: Maximum, 30.5°C, July 12, 17, 18; minimum, 3.5°C, Jan. 20 - 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	98	86	93	---	---	---	135	96	112	---	---	---
2	95	86	89	---	---	---	120	102	109	135	117	125
3	99	88	93	131	92	106	108	101	105	145	118	127
4	96	89	93	128	98	115	114	100	105	139	117	128
5	99	89	94	106	93	96	117	105	110	---	---	---
6	102	90	95	102	91	96	119	104	111	---	---	---
7	106	90	97	114	95	102	118	107	112	127	106	118
8	105	91	96	135	89	106	119	106	111	---	---	---
9	101	90	95	133	102	115	117	97	108	---	---	---
10	101	92	96	137	99	114	113	104	109	---	---	---
11	150	90	106	136	88	108	---	---	---	127	104	119
12	269	107	144	115	94	105	---	---	---	145	120	127
13	341	133	191	113	94	102	---	---	---	150	125	136
14	291	110	201	131	96	109	156	99	122	137	120	130
15	141	97	125	141	99	114	154	115	133	---	---	---
16	192	101	129	115	97	105	126	108	117	---	---	---
17	175	104	132	133	98	110	129	96	114	---	---	---
18	131	102	118	115	98	107	126	101	111	---	---	---
19	136	96	117	102	90	99	112	105	110	---	---	---
20	118	96	105	104	92	100	109	106	107	---	---	---
21	112	94	102	102	90	98	---	---	---	---	---	---
22	107	96	101	100	96	98	---	---	---	---	---	---
23	118	95	103	103	98	100	---	---	---	---	---	---
24	121	98	108	116	99	105	---	---	---	---	---	---
25	124	99	111	110	99	105	---	---	---	---	---	---
26	134	100	114	136	100	113	---	---	---	181	133	147
27	130	102	113	136	102	113	119	99	112	168	135	149
28	125	93	109	119	102	110	132	102	117	167	135	146
29	98	85	95	110	100	105	145	114	125	151	134	143
30	112	90	99	114	99	105	---	---	---	147	136	143
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	341	85	112	141	88	106	156	96	113	181	104	134

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	154	94	132	137	120	128	132	112	123
2	---	---	---	148	123	135	136	117	123	133	115	125
3	---	---	---	140	113	127	141	117	126	141	115	125
4	---	---	---	139	112	122	144	119	128	125	110	117
5	143	138	140	124	113	119	138	120	125	132	110	120
6	143	139	141	122	116	119	133	121	126	135	111	121
7	145	140	143	123	118	120	140	120	128	135	111	119
8	158	142	147	126	121	122	143	121	128	138	111	120
9	149	144	146	127	122	125	131	120	126	130	110	118
10	148	143	145	128	126	127	138	118	126	125	110	111
11	145	139	142	130	128	129	137	116	125	120	107	114
12	147	142	145	130	127	128	132	114	121	114	104	110
13	148	144	146	131	127	128	129	113	121	115	105	108
14	147	141	145	133	126	129	137	113	123	122	105	110
15	147	139	143	129	126	127	127	113	119	126	105	113
16	150	137	141	128	125	127	130	113	120	130	106	115
17	144	136	139	127	124	126	136	113	121	133	105	114
18	144	136	138	127	124	125	131	113	119	119	105	110
19	147	137	140	127	124	125	131	115	120	115	107	111
20	148	137	139	126	124	125	131	114	120	119	106	112
21	218	138	163	131	124	126	129	111	118	138	106	115
22	211	147	167	130	125	127	126	111	116	179	112	129
23	210	142	162	146	126	134	140	112	117	172	105	136
24	157	141	150	179	128	143	141	118	124	119	103	110
25	148	120	141	138	125	133	129	112	122	115	104	108
26	156	136	143	147	126	132	128	111	118	126	103	114
27	170	115	148	164	131	141	129	111	119	132	104	115
28	157	114	141	147	129	138	128	113	121	154	110	133
29	---	---	---	144	129	136	134	113	123	214	114	157
30	---	---	---	150	129	139	130	113	122	179	117	142
31	---	---	---	174	129	142	---	---	---	180	111	141
MONTH	218	114	146	179	94	129	144	111	122	214	103	120
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	134	109	119	138	96	107	93	87	90	108	103	104
2	119	100	107	103	96	99	95	89	92	108	103	105
3	107	101	104	103	98	100	96	92	95	158	105	110
4	111	100	104	105	100	101	98	95	96	202	112	136
5	113	102	106	106	99	102	98	94	96	321	135	203
6	122	103	108	108	99	103	102	94	97	258	110	170
7	122	102	110	106	97	101	118	98	102	153	112	129
8	110	100	106	106	98	100	163	109	130	137	109	128
9	108	100	102	104	98	100	210	117	166	132	109	121
10	106	99	103	103	98	100	180	100	144	124	108	113
11	105	99	101	103	100	101	129	100	115	117	104	108
12	105	99	102	109	100	104	115	99	104	114	104	109
13	106	100	104	104	100	102	111	98	103	128	108	114
14	104	99	102	104	99	101	110	100	103	121	112	116
15	104	101	103	104	100	102	110	101	104	133	111	118
16	104	98	101	106	100	102	108	101	104	132	110	120
17	103	99	101	104	99	102	108	101	104	128	109	119
18	103	98	101	110	100	104	103	100	102	123	109	116
19	111	98	102	141	102	109	103	95	100	140	109	120
20	111	97	102	143	111	121	102	96	100	151	113	127
21	102	96	99	140	101	121	103	99	101	123	99	114
22	100	96	97	117	101	110	103	93	101	108	98	104
23	103	98	99	107	99	104	99	94	97	106	98	100
24	108	98	102	112	98	105	97	94	95	102	97	99
25	113	101	105	107	94	103	99	96	98	98	94	96
26	124	104	113	107	93	98	100	98	99	98	94	96
27	135	100	117	103	92	96	100	99	100	96	92	94
28	111	100	107	101	93	96	102	100	101	96	92	94
29	114	103	109	104	96	100	103	100	101	95	92	94
30	111	99	103	105	90	97	106	101	103	95	93	94
31	---	---	---	92	83	89	107	103	105	---	---	---
MONTH	135	96	105	143	83	103	210	87	105	321	92	116
YEAR	341	83	116									

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	22.5	23.0	17.0	15.0	16.0	13.5	12.5	13.0	8.0	7.0	7.5
2	24.0	23.0	23.5	16.0	15.0	15.5	12.5	12.0	12.5	8.5	8.0	8.5
3	24.0	22.5	23.5	16.0	15.0	16.0	13.0	12.0	12.5	9.0	8.5	8.5
4	24.0	23.0	23.5	16.5	15.5	16.0	13.5	12.5	13.0	9.0	8.5	9.0
5	25.5	23.0	23.5	16.5	16.5	16.5	13.5	13.0	13.5	8.5	7.5	8.0
6	26.0	21.5	24.0	17.0	16.5	16.5	13.5	13.0	13.5	8.0	6.5	7.5
7	25.5	22.0	23.5	16.5	16.0	16.5	13.0	12.5	13.0	9.0	8.0	8.5
8	23.5	22.0	22.5	16.0	15.5	15.5	13.0	12.5	12.5	9.5	9.0	9.0
9	23.5	22.0	23.0	15.5	14.5	15.0	13.0	12.0	12.5	9.5	8.0	8.5
10	24.0	23.0	23.5	14.5	14.5	14.5	12.5	12.5	12.5	8.0	6.5	7.5
11	---	---	---	15.0	13.5	14.5	12.5	11.0	12.0	7.5	7.0	7.5
12	---	---	---	15.0	14.0	14.5	11.0	9.5	10.0	9.0	7.5	8.5
13	---	---	---	15.5	14.5	15.0	9.5	8.0	9.0	9.0	9.0	9.0
14	21.0	20.5	20.5	16.5	15.5	16.0	10.5	9.0	9.5	9.0	9.0	9.0
15	21.0	20.5	21.0	17.0	16.0	16.5	10.5	10.0	10.0	9.0	6.5	7.5
16	21.0	20.5	21.0	17.5	16.0	17.0	10.0	9.5	10.0	6.5	4.5	5.0
17	21.0	20.5	21.0	17.5	16.5	17.0	10.5	10.0	10.0	7.0	5.0	6.0
18	21.5	20.5	21.0	17.5	16.0	17.0	10.5	10.0	10.5	7.0	6.5	7.0
19	22.0	21.0	21.5	16.5	15.5	16.0	11.0	10.5	10.5	6.5	4.0	5.0
20	22.0	21.5	21.5	16.0	15.0	15.5	10.5	10.0	10.5	5.0	3.5	4.0
21	22.0	21.5	22.0	15.0	14.0	14.5	11.0	10.5	11.0	5.0	3.5	4.0
22	22.0	21.5	22.0	14.5	14.0	14.0	10.5	10.0	10.0	5.0	3.5	4.5
23	21.5	20.0	20.5	14.0	14.0	14.0	10.0	9.0	10.0	5.5	4.0	5.0
24	20.5	19.5	19.5	14.5	13.5	14.0	9.5	8.5	9.0	6.5	5.0	5.5
25	19.5	19.0	19.5	14.5	14.0	14.0	9.0	8.5	9.0	7.0	5.5	6.5
26	19.5	19.0	19.5	14.5	14.0	14.0	9.0	7.0	8.0	8.0	7.0	7.0
27	19.5	19.0	19.5	15.0	14.5	14.5	8.5	7.5	8.0	8.0	7.5	7.5
28	20.0	19.0	19.5	15.0	14.5	15.0	9.0	8.0	8.5	9.0	7.5	8.0
29	19.0	18.5	19.0	14.5	13.5	14.0	9.0	9.0	9.0	9.5	8.0	9.0
30	19.0	18.5	18.5	14.0	13.0	13.5	9.0	8.0	8.5	9.5	8.5	9.0
31	19.0	17.0	18.0	---	---	---	8.5	6.5	7.5	9.0	7.5	8.0
MONTH	26.0	17.0	21.4	17.5	13.0	15.3	13.5	6.5	10.6	9.5	3.5	7.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.5	6.5	7.5	12.5	11.5	12.0	19.5	17.0	18.5	26.5	22.5	23.5
2	7.5	6.5	7.0	13.5	12.5	13.0	19.5	18.5	19.0	26.5	24.0	25.0
3	7.0	5.5	6.5	13.5	12.0	13.0	20.5	18.5	19.5	24.5	22.5	23.5
4	7.5	6.5	7.0	13.0	12.0	12.5	21.0	19.0	20.0	23.5	22.5	22.5
5	8.0	7.5	7.5	13.5	12.5	13.0	21.5	20.0	20.5	23.0	21.5	22.0
6	8.5	8.0	8.0	14.5	13.0	13.5	22.5	20.5	21.5	23.5	22.0	22.5
7	9.5	8.5	9.0	15.5	14.0	14.5	23.0	21.0	21.5	24.0	22.5	23.5
8	10.0	9.0	9.5	16.0	14.0	15.0	22.0	19.0	20.5	24.0	23.5	23.5
9	11.0	9.5	10.0	17.0	14.0	15.5	20.5	18.5	19.5	24.5	23.0	23.5
10	10.5	9.0	10.0	16.5	15.0	16.0	21.0	19.0	20.0	24.0	23.0	23.5
11	9.0	8.5	8.5	15.5	13.0	14.0	22.0	20.0	21.0	24.5	23.0	23.5
12	8.5	8.0	8.5	14.5	12.5	13.5	23.0	19.5	21.5	24.5	23.0	23.5
13	9.5	8.5	9.0	14.5	13.5	14.0	22.5	19.5	20.5	24.5	23.0	23.5
14	10.0	9.0	9.5	15.0	14.0	14.5	26.0	21.0	23.5	25.0	23.0	24.0
15	10.5	8.5	9.5	15.5	14.0	14.5	23.0	21.0	22.0	25.0	24.0	24.5
16	10.5	10.0	10.5	15.0	14.5	14.5	23.0	21.5	22.5	25.5	24.0	24.5
17	10.5	10.0	10.5	14.5	13.5	14.0	23.0	20.5	21.5	25.5	23.5	24.5
18	11.0	10.0	10.5	15.0	14.0	14.5	22.0	20.5	21.0	24.5	24.0	24.0
19	11.5	10.5	11.5	15.0	14.5	15.0	22.0	20.5	21.5	24.0	23.0	23.5
20	12.5	11.5	12.0	16.0	15.0	15.5	23.0	21.5	22.0	23.0	22.0	22.5
21	13.5	12.5	13.0	16.5	15.5	16.0	24.0	21.5	22.5	22.5	21.5	22.0
22	13.5	12.0	13.0	17.5	16.5	17.0	23.5	21.5	22.5	22.5	21.5	22.0
23	14.0	12.0	13.0	18.0	16.0	17.0	22.0	21.0	21.5	23.5	21.5	22.5
24	15.0	12.5	13.5	18.5	16.5	17.5	22.0	20.5	21.5	24.0	23.0	23.5
25	14.0	12.5	13.0	19.0	16.5	18.0	22.5	21.0	21.5	24.5	23.0	23.5
26	13.5	12.5	13.0	19.5	17.0	18.0	24.0	21.0	22.0	25.0	23.5	24.5
27	13.0	12.0	12.5	19.5	17.5	18.5	24.0	21.5	22.5	25.0	24.5	24.5
28	12.5	11.5	12.0	20.5	18.0	19.0	24.5	22.0	23.0	25.0	24.5	24.5
29	---	---	---	21.0	17.5	20.0	24.5	22.5	23.5	25.0	24.5	24.5
30	---	---	---	19.5	16.5	18.5	24.5	22.5	23.0	24.5	24.0	24.5
31	---	---	---	19.5	16.0	18.0	---	---	---	24.5	24.0	24.5
MONTH	15.0	5.5	10.2	21.0	11.5	15.5	26.0	17.0	21.4	26.5	21.5	23.6

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 sea level (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.31 ft, Sept. 5, 1987; minimum gage height, 10.49 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.92 ft, May 22; minimum gage height, 11.11 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.93	14.24	16.39	16.86	12.12	14.90	17.82	13.96	16.06	17.42	13.62	15.61
2	17.76	14.58	16.23	17.27	13.04	15.35	---	---	---	17.36	13.13	15.45
3	17.55	14.06	15.98	17.18	13.47	15.32	---	---	---	17.78	13.99	16.10
4	17.62	14.06	16.03	17.28	13.32	15.52	17.81	14.36	16.19	17.68	12.10	15.07
5	17.52	14.28	16.07	17.52	13.96	15.80	17.53	13.12	15.34	16.67	12.67	14.80
6	17.86	14.57	16.36	16.96	13.50	15.24	17.12	13.46	15.31	17.12	13.00	15.38
7	18.24	15.05	16.77	17.14	13.24	15.39	17.42	14.06	15.77	17.18	13.48	15.53
8	18.02	15.03	16.53	17.30	14.10	15.89	17.71	14.05	16.13	17.20	12.64	15.07
9	17.60	14.76	16.06	17.50	14.13	16.05	17.79	14.15	16.26	17.13	12.24	15.21
10	17.60	13.77	15.85	17.54	14.13	16.09	17.98	14.15	16.35	17.43	12.70	15.54
11	17.77	14.32	16.19	17.88	14.09	16.40	17.43	13.50	15.57	17.79	13.39	15.78
12	17.99	14.31	16.42	18.21	14.38	16.45	17.66	12.55	15.64	17.56	13.24	15.45
13	18.22	14.28	16.52	18.09	14.10	16.13	18.36	13.82	16.38	17.68	12.84	15.58
14	18.50	14.46	16.79	17.72	13.02	15.62	18.35	14.07	16.44	17.33	13.49	15.55
15	18.76	14.68	17.00	17.69	12.70	15.51	17.98	13.83	16.00	16.40	11.74	14.20
16	18.75	14.76	17.04	17.56	13.14	15.50	17.63	13.09	15.53	17.30	12.57	15.13
17	18.46	14.65	16.68	17.40	13.11	15.43	18.00	14.14	16.29	17.05	13.88	15.53
18	18.24	14.10	16.38	17.10	13.02	15.39	17.99	14.63	16.35	16.39	12.78	14.65
19	17.99	14.08	16.32	17.73	14.22	16.04	17.48	14.30	16.06	16.34	13.31	14.81
20	18.22	14.39	16.40	16.89	13.53	15.35	17.47	14.68	16.23	16.36	13.70	15.21
21	17.81	13.94	15.99	17.27	14.50	15.95	17.38	13.32	15.34	16.55	13.47	15.19
22	17.67	13.93	15.96	17.31	14.48	16.04	16.68	13.76	15.39	16.68	13.10	15.11
23	17.82	14.98	16.54	17.29	14.51	16.03	17.08	13.72	15.48	16.78	12.67	15.15
24	17.86	15.26	16.69	17.41	14.51	16.11	17.13	13.60	15.55	16.73	12.67	15.01
25	18.06	15.28	16.81	17.51	14.58	16.32	16.68	11.93	14.91	---	---	---
26	18.02	14.90	16.66	17.78	14.78	16.51	15.89	11.11	14.12	---	---	---
27	17.76	14.68	16.34	17.98	14.82	16.62	16.35	11.58	14.42	---	---	---
28	17.83	14.62	16.31	17.52	13.96	15.79	16.76	12.15	14.82	18.15	14.30	16.22
29	18.09	14.76	16.58	17.55	13.01	15.60	17.24	12.48	15.19	17.31	13.08	15.39
30	18.66	14.97	16.78	17.77	13.62	15.83	17.40	12.39	15.27	17.80	13.20	15.69
31	17.34	13.58	15.42	---	---	---	17.75	13.20	15.73	17.85	13.88	16.04
MONTH	18.76	13.58	16.39	18.21	12.12	15.81	18.36	11.11	15.66	18.15	11.74	15.34

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	17.43	13.48	15.54	17.88	13.73	16.00	17.64	13.99	15.85	17.28	13.55	15.41
2	17.36	13.23	15.40	18.20	13.93	16.38	17.91	14.16	15.94	17.02	13.11	15.42
3	17.26	13.14	15.44	17.56	13.00	15.30	17.24	13.61	15.56	17.64	14.82	16.38
4	16.92	13.42	15.29	17.11	13.34	15.36	16.85	13.38	15.33	17.60	14.72	16.32
5	17.15	13.23	15.34	16.99	13.57	15.55	17.16	13.92	15.67	17.09	14.00	15.77
6	17.03	13.23	15.34	17.60	14.32	16.11	17.14	13.70	15.70	17.50	13.94	15.78
7	17.21	13.16	15.47	17.59	14.04	16.05	16.84	12.80	15.25	17.24	13.26	15.52
8	17.27	13.26	15.57	17.40	14.04	15.91	17.57	13.29	15.62	16.86	12.74	15.17
9	17.07	13.05	15.27	17.67	13.80	15.88	17.59	13.88	15.91	17.56	13.51	15.55
10	17.83	12.80	15.58	17.71	14.42	16.08	17.38	13.49	15.57	17.72	13.65	15.70
11	17.75	14.28	16.07	17.34	12.87	15.38	17.42	13.31	15.36	18.06	14.28	16.06
12	17.48	13.56	15.66	17.42	13.75	15.75	17.55	13.67	15.49	17.96	14.59	16.31
13	17.35	13.83	15.65	17.45	13.95	15.82	17.28	13.59	15.56	18.26	14.47	16.30
14	17.20	13.34	15.45	17.30	13.10	15.33	17.03	12.96	14.95	18.26	14.30	16.17
15	17.17	13.55	15.41	17.30	13.54	15.48	17.10	13.48	15.33	17.68	13.86	15.75
16	16.90	13.60	15.29	17.06	13.36	15.22	17.15	13.29	15.16	17.00	13.43	15.26
17	17.00	14.06	15.61	17.06	13.95	15.52	16.34	13.19	14.93	16.81	13.38	15.33
18	17.06	14.50	15.71	17.04	13.64	15.26	16.78	13.55	15.16	17.20	13.87	15.81
19	17.19	14.58	15.86	16.32	13.34	14.86	16.95	13.54	15.33	17.79	14.54	16.32
20	17.46	14.03	15.90	16.78	13.87	15.29	16.75	13.26	15.24	18.26	14.99	16.79
21	17.38	13.77	15.80	16.92	13.88	15.53	17.12	13.20	15.40	18.40	14.98	16.96
22	17.66	13.77	16.16	16.66	13.35	15.24	17.60	13.36	15.73	18.92	15.18	17.18
23	18.02	14.76	16.45	17.06	13.56	15.65	18.14	14.19	16.29	---	---	---
24	17.37	12.91	15.50	17.44	13.54	15.90	18.01	13.97	16.23	---	---	---
25	17.90	13.03	15.76	17.42	13.42	15.78	18.14	13.10	15.85	---	---	---
26	17.45	13.01	15.70	17.94	13.27	15.88	17.96	12.70	15.58	---	---	---
27	17.99	13.31	15.84	18.34	14.38	16.40	17.90	12.91	15.53	---	---	---
28	17.96	13.80	16.12	17.79	13.42	16.04	17.90	13.08	15.56	---	---	---
29	---	---	---	17.60	12.20	15.26	17.63	13.44	15.46	---	---	---
30	---	---	---	17.65	12.88	15.35	17.58	13.40	15.47	---	---	---
31	---	---	---	17.82	13.83	15.94	---	---	---	---	---	---
MONTH	18.02	12.80	15.65	18.34	12.20	15.66	18.14	12.70	15.53	18.92	12.74	15.97
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	17.42	13.19	15.51	17.59	13.76	15.85	---	---	---
2	---	---	---	17.11	13.37	15.52	---	---	---	---	---	---
3	---	---	---	17.19	13.30	15.46	17.87	14.11	16.13	---	---	---
4	---	---	---	17.28	13.46	15.46	17.83	13.72	15.93	---	---	---
5	17.39	13.92	15.90	17.29	13.34	15.46	17.69	13.71	15.84	---	---	---
6	17.49	13.84	15.74	17.95	13.54	15.70	17.85	13.48	15.76	---	---	---
7	17.72	13.56	15.73	17.88	13.65	15.88	18.31	14.37	16.35	---	---	---
8	17.57	13.57	15.59	17.68	13.26	15.64	18.61	14.48	16.55	---	---	---
9	17.99	13.73	15.81	17.49	13.14	15.40	18.37	14.95	16.81	18.17	14.46	16.54
10	18.23	14.26	16.24	17.33	12.99	15.23	18.37	14.62	16.61	18.32	14.18	16.46
11	17.86	13.95	15.96	17.34	13.04	15.22	18.17	14.47	16.33	---	---	---
12	17.63	13.94	15.73	17.57	13.09	15.44	17.93	14.03	16.20	---	---	---
13	17.52	13.92	15.81	17.57	13.32	15.61	17.93	13.85	15.98	---	---	---
14	17.64	14.08	15.93	17.33	13.36	15.45	17.68	13.27	15.76	17.68	13.69	15.91
15	17.51	14.06	15.85	17.39	12.75	15.33	17.56	12.88	15.45	17.70	13.50	15.89
16	17.30	13.79	15.75	---	---	---	17.81	13.21	15.67	17.99	13.90	16.10
17	17.46	13.75	15.81	---	---	---	17.69	13.08	15.67	17.79	14.01	16.13
18	17.88	13.70	16.05	---	---	---	17.65	12.36	15.31	17.41	13.95	15.81
19	17.92	13.59	16.03	---	---	---	17.85	12.91	15.52	18.04	13.37	16.14
20	18.22	13.50	16.06	18.08	13.17	15.94	17.72	13.23	15.65	18.24	14.78	16.70
21	18.40	13.52	16.13	18.27	13.38	16.00	17.48	13.17	15.52	18.30	15.01	16.79
22	18.10	13.64	16.08	18.27	13.31	15.94	17.61	13.31	15.61	18.08	15.07	16.67
23	17.80	13.32	15.83	17.98	13.59	15.94	17.80	13.70	15.98	17.88	14.55	16.31
24	17.57	13.04	15.40	17.87	13.95	15.99	17.79	14.29	16.04	17.76	14.54	16.41
25	17.39	12.48	15.00	17.87	14.14	16.04	17.53	14.15	16.06	17.79	14.87	16.35
26	17.37	12.10	14.95	17.55	13.58	15.55	17.33	14.08	15.86	17.86	14.54	16.30
27	17.48	13.10	15.35	17.01	13.11	15.11	17.12	13.85	15.69	17.19	14.24	15.85
28	17.32	13.15	15.23	16.81	12.98	15.23	---	---	---	17.19	13.75	15.62
29	16.79	13.03	15.14	17.16	13.53	15.55	---	---	---	---	---	---
30	17.08	12.87	15.41	17.06	13.21	15.34	17.04	13.53	15.46	---	---	---
31	---	---	---	17.06	13.65	15.58	---	---	---	---	---	---
MONTH	18.40	12.10	15.71	18.27	12.75	15.57	18.61	12.36	15.91	18.32	13.37	16.23
YEAR	18.92	11.11	15.77									

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 September 1993 (discontinued).

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, 5.3 units, May 29, 30, 1993.

WATER TEMPERATURE: Maximum, 32.0°C, July 20, 21, 1986; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Feb. 4, 5, 1994; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1900 microsiemens, Oct. 13; minimum, 78 microsiemens, several days.

WATER TEMPERATURE: Maximum, 30.5°C, July 13 - 20; minimum, 6.5°C, Jan. 20 - 24.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Feb. 4, 5; minimum, 4.5 mg/L, Aug. 1, 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	274	92	178	150	100	123	392	112	220	222	118	159
2	182	90	125	162	96	132	392	116	231	224	126	173
3	166	90	124	388	102	165	332	106	194	268	128	197
4	158	94	121	484	112	279	234	102	162	324	116	179
5	136	92	114	326	84	149	244	102	170	146	116	133
6	160	90	121	112	80	95	178	108	150	148	114	131
7	384	112	224	158	92	119	226	112	172	148	104	126
8	722	94	248	466	104	280	236	108	178	126	104	115
9	246	92	146	526	122	329	238	116	169	170	114	132
10	184	92	140	428	104	255	190	114	144	218	116	161
11	480	102	208	362	104	232	146	112	128	230	118	168
12	1680	148	687	382	102	212	200	118	142	230	114	172
13	1900	218	1020	280	94	158	258	124	176	304	136	214
14	1840	266	992	260	94	156	482	126	255	304	122	192
15	1350	188	573	280	102	172	516	138	302	156	116	128
16	798	166	419	234	86	145	316	116	177	130	122	126
17	678	170	373	238	96	151	262	122	185	130	112	123
18	476	146	272	216	96	151	240	108	161	134	118	125
19	312	104	187	194	94	139	190	118	154	136	118	127
20	248	104	175	136	90	109	170	106	137	134	118	127
21	182	96	139	160	100	129	148	108	127	136	118	126
22	166	100	137	162	92	124	140	108	126	136	118	126
23	216	106	160	258	92	143	178	112	131	156	118	135
24	462	118	287	498	96	269	150	112	126	246	122	163
25	592	126	359	428	102	240	126	104	117	---	---	---
26	680	128	412	610	106	286	134	108	119	---	---	---
27	526	128	336	590	102	313	166	112	130	---	---	---
28	366	112	225	502	106	240	230	114	159	604	136	410
29	238	102	155	284	106	180	294	124	192	368	126	205
30	274	96	154	266	108	185	316	136	227	268	128	202
31	206	100	138	---	---	---	366	126	226	270	126	186
MONTH	1900	90	289	610	80	189	516	102	171	604	104	163

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	182	118	149	314	140	224	292	104	180	238	108	174
2	156	124	137	322	124	203	182	102	129	230	116	178
3	146	118	133	160	114	129	116	102	109	314	112	212
4	138	122	128	130	104	118	118	94	108	270	94	156
5	140	122	130	124	102	112	148	100	119	126	90	105
6	156	122	135	180	102	131	194	102	145	146	94	116
7	194	122	153	170	104	134	168	106	134	140	100	118
8	228	126	169	148	104	121	184	108	137	146	100	122
9	210	126	158	138	108	120	262	112	175	234	102	153
10	162	128	144	144	114	125	222	96	153	290	96	183
11	162	128	146	130	114	121	192	100	133	268	90	172
12	166	130	146	148	108	125	160	104	125	268	86	156
13	174	126	153	200	114	145	136	102	115	168	82	115
14	170	130	151	200	114	154	130	100	109	152	86	114
15	168	128	148	188	106	144	128	96	112	144	84	108
16	156	126	143	162	112	127	138	94	115	122	82	100
17	150	124	137	134	108	120	118	92	107	106	80	93
18	144	126	134	124	102	115	126	100	112	152	84	110
19	192	124	149	118	108	113	244	102	143	394	84	212
20	532	128	241	226	108	129	224	102	157	542	102	316
21	1000	134	440	428	116	200	156	100	124	588	104	323
22	862	144	460	300	112	204	148	100	122	1170	134	514
23	818	148	416	406	122	240	598	100	203	1150	126	532
24	336	130	207	470	130	278	780	122	398	604	102	236
25	246	134	174	348	116	193	548	112	279	328	90	150
26	292	136	191	348	108	167	340	102	177	284	94	165
27	392	152	252	580	126	282	262	108	167	282	106	177
28	432	144	258	580	124	280	278	108	179	434	130	259
29	---	---	---	340	124	206	284	108	185	754	146	417
30	---	---	---	322	134	220	258	112	177	688	134	408
31	---	---	---	436	118	251	---	---	---	594	130	384
MONTH	1000	118	192	580	102	169	780	92	154	1170	80	212
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	434	100	260	130	84	99	86	78	82	168	92	116
2	226	96	157	100	84	93	94	80	84	136	94	110
3	144	90	120	104	90	96	92	78	84	390	100	189
4	252	90	158	122	92	103	96	80	86	1210	148	537
5	174	90	127	152	94	118	94	82	87	1850	234	939
6	204	92	139	156	96	123	200	78	99	1610	140	654
7	238	102	172	128	90	103	844	90	285	764	118	313
8	190	92	130	106	86	95	1140	156	558	448	116	262
9	140	78	104	108	90	96	1250	180	678	306	104	203
10	150	84	116	106	92	98	1100	140	495	244	100	160
11	150	82	105	126	90	106	548	112	263	146	90	110
12	128	78	104	162	96	125	250	96	146	114	94	102
13	218	82	118	160	92	122	140	92	113	180	96	125
14	190	84	109	150	90	115	126	92	108	206	102	147
15	112	82	96	136	96	114	126	86	108	216	102	154
16	210	86	131	118	90	104	146	92	119	274	112	185
17	156	84	111	134	94	108	138	92	112	272	112	190
18	156	92	121	170	92	124	128	92	106	230	108	163
19	216	86	133	372	100	179	114	92	104	266	104	171
20	206	90	151	588	122	311	116	92	103	388	114	234
21	160	86	122	454	114	266	144	92	111	388	102	223
22	130	80	104	350	104	197	130	92	108	248	96	157
23	136	84	109	246	96	151	124	84	100	162	92	113
24	160	92	117	190	94	138	106	86	97	122	90	104
25	172	94	128	162	84	116	106	84	95	100	86	92
26	214	102	155	124	82	101	106	84	94	96	84	89
27	294	104	188	104	80	91	104	86	94	90	84	87
28	214	102	150	102	82	92	104	84	95	90	82	85
29	196	94	149	96	82	90	124	92	107	92	82	87
30	156	90	119	92	78	86	130	92	109	130	82	107
31	---	---	---	86	78	83	150	94	121	---	---	---
MONTH	434	78	133	588	78	124	1250	78	160	1850	82	207
YEAR	1900	78	180									

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	23.5	24.0	17.5	16.5	17.0	14.5	13.5	14.0	8.5	8.0	8.5
2	24.0	23.5	24.0	17.0	15.5	16.5	14.0	13.0	13.5	9.0	8.5	9.0
3	24.5	23.5	24.0	16.5	15.5	16.0	13.5	13.0	13.5	9.5	8.5	9.0
4	25.0	24.0	24.5	17.0	15.5	16.0	14.0	13.5	13.5	9.5	9.0	9.5
5	25.0	24.0	24.5	16.5	16.0	16.5	14.0	14.0	14.0	9.0	9.0	9.0
6	24.5	24.0	24.5	16.5	16.0	16.5	14.0	14.0	14.0	9.0	8.5	9.0
7	24.0	22.5	23.5	16.5	16.0	16.0	14.0	13.5	13.5	9.5	9.0	9.0
8	23.5	22.0	22.5	16.5	15.0	16.0	13.5	13.0	13.5	9.5	9.5	9.5
9	23.0	22.0	22.5	16.0	14.5	15.0	13.0	13.0	13.0	9.5	9.5	9.5
10	23.0	22.5	23.0	15.0	14.0	14.5	13.0	13.0	13.0	9.5	8.5	9.0
11	23.0	22.0	22.5	14.5	14.0	14.0	13.0	12.5	12.5	9.0	8.5	8.5
12	22.0	21.0	21.5	14.5	14.0	14.0	12.5	11.5	12.0	9.0	8.5	9.0
13	22.0	21.0	21.5	15.0	14.0	14.5	11.5	11.0	11.0	9.5	9.0	9.5
14	21.5	21.0	21.0	16.0	15.0	15.5	11.0	10.5	11.0	10.0	9.5	9.5
15	21.5	21.0	21.0	16.5	15.5	16.0	11.0	10.5	10.5	9.5	9.0	9.0
16	21.5	20.5	21.0	17.0	16.0	17.0	10.5	10.0	10.5	9.0	7.5	8.5
17	21.5	21.0	21.0	18.0	16.5	17.5	11.0	10.0	10.5	8.0	7.5	7.5
18	21.5	21.0	21.5	18.0	17.0	17.5	11.0	10.5	10.5	8.0	8.0	8.0
19	22.0	21.5	21.5	18.0	16.5	17.5	11.0	10.5	11.0	8.0	7.5	8.0
20	22.5	22.0	22.0	17.5	16.0	16.5	11.0	10.5	10.5	7.5	6.5	7.0
21	23.0	22.0	22.5	16.5	15.0	16.0	11.0	10.5	11.0	6.5	6.5	6.5
22	22.5	22.0	22.5	15.5	14.5	15.0	11.0	10.5	10.5	6.5	6.5	6.5
23	22.0	20.5	21.5	15.0	14.5	15.0	10.5	10.0	10.5	6.5	6.5	6.5
24	21.5	20.0	20.5	15.0	14.5	14.5	10.0	9.5	9.5	7.0	6.5	7.0
25	20.5	19.5	20.0	15.0	14.5	14.5	9.5	9.0	9.5	7.5	7.0	7.0
26	20.5	19.5	20.0	15.0	14.5	14.5	9.0	8.5	9.0	---	---	---
27	20.0	19.5	19.5	15.0	14.5	15.0	9.0	8.5	8.5	---	---	---
28	20.0	19.5	19.5	15.5	15.0	15.0	9.0	8.5	9.0	---	---	---
29	19.5	19.0	19.5	15.0	14.5	15.0	9.5	9.0	9.0	9.5	8.5	9.0
30	19.5	19.0	19.0	15.0	14.0	14.5	9.5	9.0	9.0	9.5	9.0	9.5
31	19.0	17.5	18.5	---	---	---	9.0	8.5	8.5	9.5	8.5	9.0
MONTH	25.0	17.5	21.8	18.0	14.0	15.6	14.5	8.5	11.3	10.0	6.5	8.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.0	8.5	13.0	11.5	12.0	18.0	17.0	17.5	24.5	23.5	24.0
2	8.5	8.0	8.5	13.0	12.5	13.0	18.0	17.0	17.5	24.0	23.0	24.0
3	8.5	7.5	8.0	13.0	12.0	12.5	18.0	17.5	18.0	23.5	22.0	23.0
4	8.0	7.5	8.0	13.0	12.0	12.5	18.5	17.5	18.0	22.5	21.0	22.0
5	8.5	8.0	8.5	13.5	12.5	13.0	19.0	18.0	18.5	21.0	20.5	21.0
6	9.0	8.5	8.5	14.0	13.0	13.5	19.5	18.5	19.0	21.5	20.5	21.0
7	9.5	8.5	9.0	15.0	14.0	14.5	20.0	19.0	19.5	22.5	21.5	22.0
8	10.0	9.5	9.5	15.5	15.0	15.0	19.5	19.0	19.0	22.5	22.0	22.0
9	10.5	10.0	10.5	16.0	15.0	15.5	19.5	18.5	19.0	23.0	22.0	22.0
10	11.0	10.0	10.5	16.5	16.0	16.0	20.0	19.0	19.5	23.0	22.0	22.5
11	10.5	9.0	10.0	16.0	13.5	14.5	21.0	19.5	20.0	23.0	22.5	23.0
12	10.0	8.5	9.5	15.0	13.0	14.0	21.0	20.0	20.5	23.5	22.5	23.0
13	10.0	9.0	9.5	14.5	13.5	14.0	21.0	20.5	20.5	23.5	22.5	23.5
14	10.0	9.5	10.0	14.5	14.0	14.5	21.0	20.0	20.5	24.0	22.5	23.5
15	10.5	9.5	10.0	15.0	14.0	14.5	21.5	20.5	21.0	24.0	23.5	23.5
16	11.0	10.0	10.5	15.0	14.5	15.0	22.0	21.5	21.5	24.0	23.5	24.0
17	11.0	10.0	10.5	15.0	13.5	14.5	22.0	21.0	21.5	24.0	23.0	24.0
18	11.0	10.5	11.0	14.5	14.0	14.5	21.5	20.5	21.5	24.0	23.0	23.5
19	11.5	11.0	11.0	15.5	14.5	15.0	22.0	21.0	21.5	23.5	22.5	23.0
20	12.5	11.5	12.0	16.0	15.0	15.5	22.0	21.5	21.5	22.5	21.5	22.0
21	13.0	12.0	12.5	16.5	15.5	16.0	22.5	22.0	22.0	21.5	21.0	21.5
22	13.0	13.0	13.0	17.0	16.0	16.5	22.5	21.5	22.0	21.5	21.0	21.0
23	13.5	12.5	13.5	17.0	16.5	17.0	22.0	21.5	22.0	22.5	21.0	21.5
24	14.0	13.0	13.5	17.5	17.0	17.5	22.0	21.0	21.5	23.5	22.0	23.0
25	14.0	12.5	13.5	17.5	17.0	17.5	22.5	21.5	22.0	23.5	22.5	23.0
26	13.5	13.0	13.5	17.5	17.0	17.5	23.0	22.0	22.5	24.5	23.0	23.5
27	13.5	12.5	13.0	18.5	17.5	18.0	23.5	22.5	23.0	24.5	24.0	24.0
28	13.5	12.0	12.5	19.5	18.0	19.0	24.0	23.0	23.5	24.5	24.0	24.0
29	---	---	---	19.0	18.5	19.0	24.0	23.0	23.5	24.5	24.0	24.0
30	---	---	---	19.0	18.0	18.5	24.0	23.5	24.0	24.5	23.5	24.0
31	---	---	---	18.5	17.5	18.0	---	---	---	24.5	23.5	24.0
MONTH	14.0	7.5	10.7	19.5	11.5	15.4	24.0	17.0	20.7	24.5	20.5	22.9

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.7	6.7	7.1	8.4	7.8	8.1	8.7	7.9	8.2	11.0	10.2	10.6
2	7.9	7.0	7.4	8.3	7.1	8.0	8.8	8.1	8.4	10.8	10.1	10.4
3	7.8	6.9	7.4	8.6	7.8	8.1	8.7	8.3	8.5	10.8	9.8	10.3
4	7.6	6.7	7.3	8.7	7.7	8.2	8.6	8.0	8.3	11.0	9.8	10.4
5	7.5	6.6	7.2	8.6	7.7	8.1	---	---	---	10.7	10.0	10.3
6	7.4	6.5	7.0	8.0	7.6	7.8	---	---	---	10.8	9.8	10.4
7	7.1	6.4	6.8	8.1	7.5	7.8	---	---	---	10.9	10.1	10.5
8	6.9	6.2	6.6	8.0	7.5	7.8	---	---	---	11.0	10.1	10.6
9	6.8	6.3	6.6	7.9	7.5	7.7	9.2	8.8	9.0	11.0	10.1	10.6
10	6.9	6.4	6.6	8.0	7.5	7.8	9.4	8.7	9.1	11.5	10.4	11.0
11	6.8	6.4	6.6	8.4	7.5	8.0	9.3	8.7	9.0	11.7	10.8	11.3
12	7.0	6.5	6.7	8.8	7.9	8.3	9.5	8.8	9.2	11.7	11.0	11.4
13	7.4	6.8	7.0	8.9	8.0	8.5	9.8	9.0	9.3	11.5	10.8	11.2
14	7.8	6.8	7.2	8.8	8.3	8.5	9.8	9.1	9.4	11.7	10.6	11.0
15	8.1	7.1	7.5	8.7	8.2	8.5	10.0	9.0	9.6	11.7	10.8	11.3
16	7.7	7.3	7.5	8.5	7.8	8.3	10.6	9.4	10.1	12.1	10.7	11.4
17	7.5	7.0	7.3	8.4	7.9	8.2	10.7	9.8	10.2	11.9	11.0	11.6
18	7.6	6.8	7.3	8.4	7.5	8.0	10.6	9.9	10.3	11.8	10.8	11.4
19	7.6	7.1	7.4	8.2	7.5	7.8	10.5	9.7	10.2	12.0	10.9	11.4
20	7.6	7.1	7.3	7.9	7.5	7.7	10.4	9.9	10.1	12.1	10.8	11.5
21	7.4	6.7	7.1	7.9	7.5	7.7	10.5	9.6	10.0	12.2	11.0	11.8
22	7.2	6.6	6.9	8.1	7.6	7.8	10.2	9.5	9.9	12.3	11.4	11.9
23	7.2	6.7	6.9	8.0	7.5	7.8	10.2	9.4	9.9	12.4	11.5	11.9
24	7.2	6.8	7.0	8.0	7.5	7.8	10.4	9.6	10.1	12.5	11.2	11.9
25	7.4	6.9	7.1	8.2	7.7	7.9	10.6	9.9	10.3	---	---	---
26	7.7	7.0	7.3	8.2	7.7	8.0	10.8	10.0	10.5	---	---	---
27	7.8	7.0	7.5	8.3	7.7	8.0	10.7	10.1	10.5	---	---	---
28	8.1	7.5	7.7	8.0	7.5	7.8	10.8	9.8	10.5	---	---	---
29	8.3	7.7	8.0	8.2	7.7	7.9	10.6	9.7	10.3	10.9	10.1	10.6
30	8.2	7.8	8.0	8.5	7.8	8.1	10.5	9.6	10.1	10.8	10.1	10.5
31	8.0	7.7	7.9	---	---	---	10.8	9.6	10.2	11.2	10.1	10.7
MONTH	8.3	6.2	7.2	8.9	7.1	8.0	10.8	7.9	9.7	12.5	9.8	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.7	10.9	11.3	11.0	9.0	9.9	9.6	8.1	8.8	7.1	6.3	6.7
2	13.5	11.5	12.3	10.3	9.0	9.6	9.5	8.1	8.8	7.1	6.0	6.5
3	14.9	13.0	13.7	9.5	8.4	8.9	9.4	8.2	8.7	6.6	5.9	6.3
4	15.2	13.6	14.3	9.2	8.5	8.8	9.2	8.1	8.5	6.6	5.8	6.2
5	15.2	13.8	14.7	9.1	8.3	8.8	8.8	7.9	8.2	6.8	5.9	6.6
6	14.8	14.0	14.3	8.9	8.0	8.5	9.0	8.2	8.6	7.4	6.4	6.8
7	14.2	12.8	13.5	8.7	8.2	8.4	9.6	8.4	9.2	7.5	6.7	7.1
8	14.2	12.9	13.6	8.9	8.4	8.6	---	---	---	7.3	6.6	7.0
9	14.2	12.8	13.1	9.3	8.6	8.9	---	---	---	7.8	6.5	7.1
10	15.0	13.8	14.5	9.3	8.6	9.0	---	---	---	7.1	6.5	6.9
11	14.7	13.0	14.1	10.3	8.6	9.6	---	---	---	7.5	6.4	6.8
12	14.4	12.8	13.7	10.2	8.9	9.7	---	---	---	8.0	6.4	6.9
13	13.3	12.0	12.8	10.0	9.3	9.6	---	---	---	8.0	6.3	7.2
14	12.1	11.0	11.7	10.1	9.0	9.7	---	---	---	7.8	6.5	7.1
15	11.6	10.2	11.0	9.8	8.7	9.3	---	---	---	7.1	6.7	6.9
16	11.7	9.4	10.6	10.5	9.0	9.8	---	---	---	7.0	6.0	6.4
17	11.4	9.2	10.1	10.7	8.9	9.7	---	---	---	7.0	6.1	6.5
18	11.3	8.6	9.7	10.4	9.1	9.7	---	---	---	7.2	6.3	6.7
19	11.0	8.9	9.7	10.2	9.0	9.5	---	---	---	7.1	6.2	6.6
20	11.0	8.9	9.7	10.3	8.7	9.3	---	---	---	7.1	6.2	6.7
21	10.4	8.7	9.4	9.6	8.6	9.2	---	---	---	7.4	6.5	7.0
22	10.3	8.8	9.4	9.6	8.4	8.9	---	---	---	7.6	6.4	6.9
23	11.5	9.1	10.1	9.3	8.1	8.7	7.1	6.1	6.6	7.8	6.3	6.9
24	11.1	9.0	9.8	9.8	8.2	9.1	7.6	6.2	6.7	7.7	6.6	7.1
25	11.0	8.8	9.6	9.7	8.5	9.1	7.9	6.5	7.0	7.9	6.4	7.1
26	10.3	8.3	9.2	9.6	8.1	8.8	8.1	6.5	7.2	8.3	6.6	7.2
27	10.6	8.0	9.3	9.8	8.1	9.0	8.0	6.8	7.2	7.7	6.8	7.1
28	10.8	9.1	9.8	9.7	8.3	9.0	7.9	6.6	7.1	7.8	6.3	7.0
29	---	---	---	8.5	7.3	8.1	7.6	6.4	7.0	8.2	6.4	7.1
30	---	---	---	8.6	7.8	8.2	7.2	6.4	6.9	8.0	6.7	7.2
31	---	---	---	8.8	7.7	8.1	---	---	---	7.6	6.6	7.1
MONTH	15.2	8.0	11.6	11.0	7.3	9.1	9.6	6.1	7.8	8.3	5.8	6.9

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 sea level (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.24 ft, Sept. 22, 1989; minimum gage height, 1.75 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.60 ft, May 22; minimum gage height, 2.45 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.10	5.19	8.02	9.18	3.50	6.66	10.53	5.26	7.91	9.94	4.32	7.26
2	10.18	5.36	7.90	9.71	4.42	7.24	10.67	5.42	8.13	9.77	4.30	7.10
3	9.89	5.04	7.65	9.85	4.91	7.35	10.35	5.16	7.90	10.17	4.94	7.82
4	9.96	5.20	7.74	9.76	4.94	7.36	10.33	4.92	7.65	10.11	3.42	6.42
5	10.00	5.42	7.79	---	---	---	9.84	3.78	6.94	9.09	3.93	6.52
6	10.27	5.92	8.18	---	---	---	9.50	4.68	7.12	9.71	4.03	7.02
7	10.53	6.30	8.51	---	---	---	9.81	4.92	7.47	9.77	3.86	7.08
8	10.19	5.87	8.09	---	---	---	10.07	4.64	7.40	9.71	3.36	6.63
9	9.87	5.16	7.62	---	---	---	10.29	4.57	7.77	9.71	3.36	6.91
10	9.91	5.05	7.56	---	---	---	---	---	---	9.83	3.54	7.23
11	10.25	5.41	7.99	---	---	---	---	---	---	10.21	3.95	7.34
12	10.42	4.80	8.10	---	---	---	10.20	3.29	7.37	9.83	3.75	6.84
13	10.62	4.69	8.19	---	---	---	10.89	4.23	7.97	10.04	3.76	6.88
14	10.91	4.80	8.36	---	---	---	---	---	---	9.46	3.81	6.86
15	11.25	4.78	8.45	---	---	---	---	---	---	9.00	3.00	6.16
16	11.42	4.87	8.55	---	---	---	---	---	---	9.39	4.13	6.76
17	11.13	4.59	8.18	---	---	---	10.43	5.16	7.89	9.40	4.88	7.19
18	10.69	4.71	7.90	---	---	---	10.39	5.53	7.87	8.63	3.75	6.26
19	10.58	4.93	7.92	10.22	5.51	7.86	10.01	5.39	7.90	8.59	4.80	6.67
20	10.45	5.21	7.98	9.35	5.02	7.16	10.01	5.31	7.93	8.63	5.03	6.96
21	10.05	4.91	7.61	9.76	5.79	7.82	9.69	4.76	7.14	8.78	5.00	6.91
22	10.00	5.00	7.69	9.84	5.82	7.95	9.16	4.87	7.13	9.04	4.42	6.82
23	10.18	6.08	8.34	9.87	5.71	8.05	9.41	4.74	7.23	---	---	---
24	10.14	5.76	8.43	9.99	5.42	8.02	9.51	4.38	7.15	---	---	---
25	10.31	6.18	8.56	10.17	5.52	8.15	9.11	2.56	6.62	---	---	---
26	10.34	5.62	8.26	---	---	---	8.27	2.45	5.60	---	---	---
27	10.10	5.61	8.04	---	---	---	8.63	2.97	6.17	10.24	3.81	7.63
28	10.09	5.40	7.94	10.10	4.61	7.52	9.16	3.41	6.60	10.60	4.46	7.64
29	10.34	5.52	8.13	10.05	4.21	7.58	9.61	3.60	6.91	9.78	3.40	6.89
30	---	---	---	10.31	4.72	7.72	9.77	3.41	6.94	10.26	3.80	7.10
31	9.55	4.21	6.93	---	---	---	9.83	4.06	7.06	10.26	3.97	7.32
MONTH	11.42	4.21	8.02	10.31	3.50	7.60	10.89	2.45	7.30	10.60	3.00	6.97

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.82	3.82	7.10	10.56	4.12	7.39	10.10	4.47	7.36	9.81	4.27	7.05
2	9.73	3.99	7.11	10.61	3.38	7.55	10.09	4.47	7.35	9.43	4.11	7.17
3	9.60	4.27	6.97	9.67	3.83	6.67	9.61	4.69	7.12	9.90	5.38	8.04
4	9.33	4.37	6.83	9.52	4.50	7.02	9.06	4.36	7.11	9.93	5.42	7.88
5	9.60	4.30	6.83	9.35	4.68	7.27	9.53	4.74	7.45	9.54	5.01	7.48
6	9.52	3.96	6.95	10.09	5.13	7.76	9.55	4.53	7.40	9.68	4.82	7.48
7	9.70	3.96	6.94	9.97	4.77	7.64	9.18	3.95	6.89	9.58	4.39	7.20
8	9.70	3.97	7.29	9.69	4.54	7.46	9.93	4.36	7.47	9.22	3.84	6.88
9	9.51	3.73	6.78	9.88	4.48	7.55	9.86	4.41	7.47	9.92	4.58	7.33
10	9.96	3.49	7.33	10.07	4.78	7.68	9.86	4.24	6.81	9.95	4.58	7.38
11	9.95	4.90	7.54	9.48	3.74	6.98	9.59	4.29	7.04	10.39	5.13	7.71
12	9.71	4.36	7.43	9.98	4.45	7.23	9.79	4.55	7.15	10.28	5.09	7.83
13	9.68	4.48	7.24	9.95	4.57	7.49	9.28	4.42	7.06	10.61	5.03	7.93
14	9.50	4.35	6.96	9.64	3.98	7.01	9.41	3.76	6.51	10.61	5.24	7.79
15	9.39	4.54	7.03	9.38	4.61	7.15	9.55	4.51	7.19	10.12	4.87	7.35
16	9.33	4.79	6.96	9.49	4.28	6.93	9.17	4.46	6.87	9.42	4.26	6.83
17	9.33	5.31	7.39	9.32	5.08	7.20	8.83	4.80	6.70	9.14	4.62	7.07
18	9.30	5.76	7.56	9.32	4.97	7.21	9.11	4.98	7.12	9.53	4.89	7.54
19	9.49	5.85	7.72	8.70	4.96	6.59	9.27	4.65	7.12	10.08	5.42	8.00
20	9.76	5.47	7.67	9.19	5.09	7.08	9.11	4.35	6.91	10.65	5.70	8.43
21	9.80	4.81	7.55	9.30	5.12	7.19	9.29	4.21	7.01	10.91	5.44	8.61
22	9.73	5.22	7.77	8.93	4.60	6.84	9.93	4.04	7.40	11.60	5.37	8.85
23	10.49	5.03	7.91	9.47	4.45	7.32	10.70	4.66	8.04	11.46	4.85	8.64
24	9.79	3.29	6.95	9.73	4.45	7.47	10.54	3.98	7.73	11.33	4.45	8.16
25	10.06	3.42	7.27	9.70	3.70	7.16	10.49	3.25	7.23	10.89	3.97	7.81
26	10.01	3.74	7.16	10.61	3.64	7.61	10.45	3.07	6.99	10.65	3.94	7.51
27	10.43	3.95	7.51	10.83	4.64	7.94	10.43	3.48	7.00	10.52	3.70	7.17
28	10.39	3.83	7.43	10.21	3.48	7.15	10.43	3.62	7.05	10.60	4.69	7.97
29	---	---	---	10.12	3.31	7.09	10.22	3.84	6.98	10.86	5.18	8.02
30	---	---	---	10.40	3.56	7.03	10.06	4.22	7.08	10.41	5.37	8.00
31	---	---	---	10.22	4.07	7.26	---	---	---	10.52	5.65	8.14
MONTH	10.49	3.29	7.26	10.83	3.31	7.26	10.70	3.07	7.15	11.60	3.70	7.72
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	9.93	5.22	7.81	9.49	4.34	7.11	9.70	5.08	7.54	9.65	4.63	7.35
2	9.49	4.65	7.37	9.41	4.71	7.30	10.06	5.44	7.89	10.05	4.66	7.47
3	9.86	4.64	7.54	9.45	4.81	7.24	10.04	5.22	7.80	10.41	5.07	8.03
4	9.89	5.34	7.88	9.62	4.88	7.26	10.10	4.83	7.59	10.89	5.04	8.21
5	9.79	4.98	7.62	9.62	4.62	7.22	10.06	4.43	7.49	11.01	5.19	8.43
6	9.88	4.92	7.52	10.10	4.59	7.37	10.50	4.42	7.52	10.90	4.91	8.37
7	9.91	4.57	7.44	10.16	4.41	7.46	10.78	4.89	8.07	10.67	4.79	8.06
8	9.91	4.34	7.17	9.94	4.16	7.21	11.00	5.01	8.18	10.70	4.62	8.06
9	10.50	4.79	7.48	9.93	3.85	6.98	10.81	5.34	8.36	10.64	5.03	8.05
10	10.50	4.84	7.84	9.82	3.83	6.86	10.76	5.10	8.08	10.48	4.82	7.89
11	10.17	4.69	7.55	9.82	4.01	6.91	10.56	4.78	7.79	10.40	4.83	7.87
12	10.01	4.73	7.38	10.00	3.98	7.05	10.17	4.65	7.63	10.36	4.81	7.83
13	9.99	4.82	7.40	10.00	4.21	7.14	10.11	4.73	7.52	10.21	4.96	7.81
14	10.01	4.86	7.50	9.73	4.17	7.08	9.99	4.35	7.39	9.98	4.66	7.60
15	9.88	4.84	7.49	9.57	3.78	6.95	9.83	3.97	7.12	10.09	4.70	7.62
16	9.68	4.58	7.40	9.66	3.80	6.87	10.09	4.50	7.37	10.31	4.82	7.80
17	9.83	4.57	7.47	10.11	3.98	7.25	9.96	4.04	7.31	10.18	4.82	7.78
18	10.25	4.36	7.68	10.22	3.95	7.38	9.87	3.56	6.91	9.77	4.46	7.46
19	10.43	4.30	7.71	10.60	4.18	7.66	10.10	3.64	7.07	10.50	4.14	7.85
20	10.61	3.94	7.62	10.57	3.88	7.58	10.15	3.94	7.25	10.59	5.51	8.37
21	10.80	3.86	7.63	10.74	3.82	7.53	9.78	3.93	7.07	10.60	5.74	8.36
22	10.71	3.83	7.57	10.59	3.74	7.43	9.94	3.94	7.11	10.47	5.56	8.27
23	10.48	3.74	7.36	10.43	4.14	7.44	10.12	4.32	7.48	10.08	5.38	7.88
24	10.23	3.56	6.94	10.28	4.40	7.50	10.02	4.76	7.66	10.15	5.59	8.04
25	9.83	3.52	6.64	10.17	4.39	7.48	9.87	4.98	7.69	10.07	5.96	8.03
26	9.90	3.06	6.63	9.84	4.23	7.08	9.68	4.95	7.51	10.06	5.83	7.98
27	9.96	3.90	6.93	9.30	4.31	6.85	9.38	5.12	7.39	9.47	5.63	7.59
28	9.77	3.84	6.90	9.25	4.09	6.93	9.45	5.12	7.42	9.41	5.22	7.37
29	9.18	4.26	6.79	9.24	4.53	7.10	9.38	5.01	7.40	9.87	5.44	7.67
30	9.25	4.06	7.00	9.18	4.38	7.02	9.35	4.96	7.25	10.11	5.69	8.07
31	---	---	---	9.29	4.75	7.29	9.73	5.10	7.45	---	---	---
MONTH	10.80	3.06	7.38	10.74	3.74	7.21	11.00	3.56	7.53	11.01	4.14	7.91
YEAR	11.60	2.45	7.44									

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 July 1993 (discontinued).

WATER TEMPERATURE: June 1983 to current year.

DISSOLVED OXYGEN: June 1983 to September 1993 (discontinued).

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 35,200 microsiemens, June 8, 1987; minimum, 52 microsiemens, Feb. 3, 1994.

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, 32,500 microsiemens, May 6; minimum, 52 microsiemens, Feb. 3.

WATER TEMPERATURE: Maximum, 31.0°C, July 18, 19; minimum, 5.5°C, Jan. 21, 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	11200	315	3230	3760	119	895	17200	342	4950	9680	92	1930
2	7660	191	2030	8460	110	2630	14700	360	5830	10700	85	2190
3	8540	157	2320	12800	240	5030	12100	357	3490	13200	161	4380
4	8640	147	2190	13600	650	5220	19400	160	4280	11000	77	2540
5	9800	134	2400	---	---	---	19400	100	3620	---	---	---
6	12200	141	3730	---	---	---	10200	267	4150	---	---	---
7	16700	2920	7270	---	---	---	13300	365	5020	---	---	---
8	13700	140	4660	---	---	---	18600	294	6190	---	---	---
9	10700	140	2640	---	---	---	14600	240	4110	---	---	---
10	11500	190	3420	---	---	---	12200	172	2450	---	---	---
11	16600	286	6690	---	---	---	6080	161	1830	---	---	---
12	16700	1960	9380	---	---	---	8760	129	2740	10400	640	3790
13	15500	2220	8810	---	---	---	10200	180	2900	11600	680	5180
14	14200	2000	6950	---	---	---	---	---	---	7740	520	1890
15	11600	1040	4510	---	---	---	9040	552	4310	1240	360	593
16	10200	710	3670	---	---	---	5600	227	1310	4220	380	1120
17	9780	578	3100	---	---	---	9260	192	2130	7100	300	2110
18	8020	421	2330	---	---	---	7120	173	1870	2480	400	820
19	8140	260	1950	9140	260	2550	5900	158	1830	5660	340	2820
20	7240	246	1990	5720	132	1390	5100	120	1450	7540	140	2740
21	6240	174	1500	12700	140	4190	7380	150	1990	6520	80	1950
22	9140	146	2290	13400	400	4610	5220	119	1920	---	---	---
23	12400	236	4790	18400	639	8430	10100	192	3560	---	---	---
24	14200	773	6890	22200	700	10000	9320	183	3220	---	---	---
25	14800	802	6910	18500	620	7620	5560	145	1520	---	---	---
26	12700	894	6460	---	---	---	6100	108	1760	---	---	---
27	12500	598	4930	---	---	---	8320	100	3220	17200	421	6950
28	9320	387	2920	---	---	---	10000	232	3950	15500	693	5030
29	9220	260	2300	11600	400	3830	13500	133	5150	7020	292	1770
30	---	---	---	13000	380	4510	14100	215	4300	7220	183	2270
31	3760	156	815	---	---	---	14500	236	3640	7960	163	1790
MONTH	16700	134	4100	22200	110	4680	19400	100	3290	17200	77	2730

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1960	98	745	7140	280	1990	9920	285	2260	8840	291	2550
2	2500	76	654	7100	253	1890	4760	157	1200	23200	296	4330
3	3540	52	627	956	151	309	995	128	420	31200	427	7550
4	4560	57	813	445	122	241	3940	133	1050	11300	233	3000
5	6460	57	1310	2600	92	599	8840	138	3040	7860	157	1880
6	7900	71	2820	10300	153	3360	11000	298	4320	32500	192	6990
7	11100	116	3320	9400	213	2750	6980	101	1760	11100	169	3590
8	10900	178	3660	5920	179	1100	12700	101	3770	17300	187	3700
9	6220	169	1390	5460	158	1420	9880	387	4370	15200	255	5000
10	1960	96	637	4460	200	1120	8620	200	3160	13700	395	4890
11	5660	88	1190	952	145	417	4480	173	1450	26900	383	4950
12	5760	98	1350	7680	158	1520	6940	175	1420	26900	312	5980
13	7120	132	1810	7520	120	2570	6940	140	1260	11300	219	2270
14	6300	117	1790	7080	229	1750	6360	143	915	13300	177	3560
15	7040	101	1540	7080	160	1620	8780	120	2040	10200	173	2500
16	5660	90	1370	7380	159	943	8780	162	1830	5600	130	1340
17	16200	60	3440	7380	138	851	5640	144	1640	6240	124	1680
18	7700	80	2670	4880	120	1250	12300	100	2460	22500	227	6020
19	23700	485	8230	3380	120	506	21600	485	6070	24600	787	8790
20	17000	485	7480	11000	390	3920	13700	270	4640	17800	875	8170
21	20500	860	9330	14200	460	6600	7080	213	2410	16500	721	6760
22	17200	1260	8070	11400	400	5630	10900	172	3500	21500	1060	8060
23	17900	900	6820	17100	467	7510	16800	321	5870	21500	1160	7280
24	9920	299	2110	16500	641	5950	13800	908	6670	9700	452	2990
25	7700	173	1420	11000	427	2870	13300	509	4090	7760	256	1780
26	5920	253	1890	26300	200	4660	7340	294	1760	7760	286	1900
27	9800	415	3150	14400	717	6020	7340	283	1730	7420	288	1880
28	9800	330	2460	7040	204	3120	7920	296	2270	8880	659	3730
29	---	---	---	6260	340	1590	9100	308	2470	15700	891	6250
30	---	---	---	7500	460	2390	17100	303	2470	13700	742	4980
31	---	---	---	9620	425	2770	---	---	---	13600	663	5080
MONTH	23700	52	2930	26300	92	2560	21600	100	2740	32500	124	4500
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10000	419	3440	2580	118	504	6660	104	1670	9630	983	3110
2	4540	236	1130	5600	110	1110	8900	104	1840	13700	974	4160
3	10500	173	2620	8440	127	2170	6660	107	1380	15500	1210	6460
4	10900	206	3450	9900	146	3040	7540	104	1670	17200	2260	9110
5	11100	234	3470	11100	195	3610	6640	109	1530	16400	3090	9420
6	12900	261	3900	10100	219	3100	12500	138	2690	14600	2130	6620
7	12100	319	4120	5920	150	1270	14200	840	6170	9100	189	3540
8	6460	237	1840	4100	122	776	14700	1240	6600	9860	554	3020
9	11100	172	1820	3180	114	563	14700	1340	6430	8360	398	2370
10	9420	217	2840	5340	119	720	12100	740	4350	6100	240	1680
11	9420	174	1550	5920	180	1340	7460	527	2330	4920	154	804
12	7820	173	1800	7120	251	2110	4260	278	1080	5980	125	1070
13	7660	172	2100	5700	180	1310	4080	226	813	9840	189	2720
14	6140	142	1490	4120	158	1010	5260	246	1150	10100	239	3000
15	5380	141	1380	5420	164	1380	5200	289	1200	10200	239	2950
16	5880	141	1780	6340	134	1240	7140	338	1710	10700	368	3600
17	8220	165	2460	9880	147	2220	4680	376	1180	7900	391	2900
18	8960	193	2670	10500	168	2630	3670	399	969	5060	318	1800
19	11100	220	3050	12500	306	4110	3010	431	909	9100	286	2700
20	8840	275	2610	12700	620	4870	4510	461	1080	11100	480	4140
21	6880	192	1590	10100	507	3200	2430	526	1040	10200	503	3310
22	5460	151	1140	6700	347	1900	1990	542	976	8740	356	2320
23	5220	162	1080	5680	232	1270	2160	563	989	4940	210	1190
24	4260	171	972	5680	214	1180	2440	595	1050	6300	166	1310
25	4260	197	1170	4320	156	855	5340	645	1710	4340	135	824
26	5100	332	1690	962	122	427	5940	668	1650	6460	121	1160
27	7240	319	2240	1240	113	427	6200	703	1910	4140	122	817
28	3140	254	1050	4420	127	1200	8840	740	2760	6920	118	1490
29	3600	211	1310	1160	103	382	10700	818	3730	12400	139	3070
30	3120	151	692	2480	100	451	10000	859	3420	13200	229	4630
31	---	---	---	3900	99	807	12900	963	4760	---	---	---
MONTH	12900	141	2080	12700	99	1650	14700	104	2280	17200	118	3180
YEAR	32500	52	2990									

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	24.5	25.5	18.0	17.5	17.5	---	---	---	9.5	8.5	9.0
2	25.0	24.0	24.5	17.5	16.5	17.0	---	---	---	9.5	9.0	9.5
3	25.0	24.0	24.5	17.5	16.5	17.0	---	---	---	10.0	9.5	9.5
4	25.5	24.5	25.0	17.5	16.5	17.0	---	---	---	10.0	9.0	9.5
5	25.5	24.5	25.0	---	---	---	---	---	---	9.5	9.0	9.5
6	25.0	24.5	25.0	---	---	---	---	---	---	9.5	9.0	9.0
7	24.5	24.0	24.5	---	---	---	---	---	---	9.5	9.0	9.5
8	24.0	23.0	24.0	---	---	---	---	---	---	9.5	9.0	9.5
9	24.0	23.0	23.5	---	---	---	---	---	---	9.5	9.5	9.5
10	24.0	23.0	23.5	---	---	---	---	---	---	9.5	9.0	9.0
11	23.5	22.0	23.0	15.0	14.5	15.0	---	---	---	9.0	9.0	9.0
12	22.5	21.5	22.5	---	---	---	---	---	---	10.0	9.0	9.0
13	22.5	21.0	22.0	---	---	---	---	---	---	9.5	9.0	9.5
14	22.0	21.0	21.5	---	---	---	---	---	---	9.7	9.5	9.6
15	22.0	21.0	21.5	---	---	---	11.5	11.0	11.5	9.6	8.8	9.2
16	21.5	21.0	21.5	---	---	---	11.5	10.5	11.0	8.9	7.9	8.4
17	21.5	21.0	21.5	---	---	---	11.5	10.5	11.0	8.5	7.5	8.0
18	22.0	21.0	21.5	---	---	---	11.5	11.0	11.0	8.5	7.5	8.0
19	22.5	21.5	22.0	---	---	---	11.5	11.0	11.5	8.0	7.5	7.5
20	22.5	22.0	22.0	---	---	---	11.5	11.0	11.0	7.5	6.5	7.0
21	23.5	22.5	22.5	---	---	---	11.5	11.0	11.5	7.0	5.5	6.5
22	23.0	22.5	23.0	---	---	---	11.5	11.0	11.5	6.5	5.5	6.0
23	22.5	21.5	22.0	---	---	---	11.5	11.0	11.0	---	---	---
24	21.5	20.5	21.5	---	---	---	11.0	10.0	10.5	---	---	---
25	21.5	21.0	21.0	---	---	---	10.5	9.5	10.0	---	---	---
26	21.0	20.5	20.5	---	---	---	10.0	9.5	9.5	---	---	---
27	20.5	20.0	20.5	---	---	---	10.0	9.0	9.5	8.2	7.6	7.9
28	20.5	20.0	20.0	---	---	---	10.0	9.0	9.5	9.1	8.1	8.7
29	20.0	19.0	19.5	---	---	---	10.0	9.5	9.5	9.7	9.0	9.4
30	---	---	---	---	---	---	10.0	9.5	9.5	10.0	9.5	9.5
31	19.5	18.0	19.0	---	---	---	9.5	9.0	9.5	10.0	9.5	9.5
MONTH	26.0	18.0	22.4	18.0	14.5	16.7	11.5	9.0	10.5	10.0	5.5	8.7
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	19.0	18.5	18.5	24.5	24.0	24.0
2	9.5	8.5	9.0	14.0	13.5	13.5	18.5	18.0	18.5	24.5	24.0	24.0
3	9.0	8.0	8.5	13.5	13.0	13.0	18.5	18.0	18.0	24.0	23.0	23.5
4	9.0	8.0	8.5	13.5	12.5	13.0	18.5	18.0	18.5	23.5	22.0	23.0
5	9.0	8.0	8.5	13.5	13.0	13.5	19.0	18.0	18.5	22.5	21.5	22.0
6	9.0	8.5	9.0	14.5	13.5	14.0	19.5	18.5	19.0	22.5	21.5	22.0
7	9.5	8.5	9.5	15.0	14.0	14.5	19.5	19.0	19.5	22.5	21.5	22.0
8	10.0	9.5	10.0	16.0	14.5	15.0	19.5	19.0	19.5	22.5	22.0	22.0
9	11.0	10.0	10.5	16.5	15.5	16.0	20.0	19.0	19.5	22.5	22.0	22.5
10	11.5	11.0	11.0	17.0	16.5	16.5	20.0	19.5	19.5	22.5	22.5	22.5
11	11.0	10.5	11.0	---	---	---	20.5	20.0	20.0	23.0	22.5	22.5
12	11.0	10.5	10.5	---	---	---	21.0	20.5	20.5	23.5	22.5	23.0
13	11.0	10.0	10.5	15.5	15.0	15.5	21.0	20.5	21.0	24.0	23.0	23.5
14	11.0	10.5	10.5	15.5	15.0	15.5	21.5	21.0	21.5	24.0	22.5	23.5
15	11.0	10.5	11.0	15.5	15.0	15.5	22.0	21.0	21.5	24.0	23.0	23.5
16	11.5	11.0	11.0	15.5	15.0	15.5	22.0	21.5	22.0	24.5	23.5	24.0
17	12.0	11.0	11.5	15.5	15.0	15.0	22.5	21.5	22.0	24.5	23.5	24.0
18	12.5	11.5	12.0	15.5	15.0	15.0	22.0	21.5	22.0	24.0	23.5	24.0
19	13.0	11.5	12.0	15.5	15.0	15.0	22.5	21.5	22.0	24.0	23.0	23.5
20	13.0	12.0	12.5	16.5	15.0	15.5	23.0	22.0	22.0	23.0	22.0	22.5
21	13.5	12.5	13.0	17.0	15.5	16.0	23.0	22.0	22.5	22.5	21.5	22.0
22	14.0	13.0	13.5	17.0	16.5	16.5	23.0	22.5	22.5	22.0	21.5	21.5
23	15.0	13.5	14.0	17.5	16.5	17.0	22.5	22.0	22.5	22.5	21.5	22.0
24	15.0	14.5	15.0	17.5	16.5	17.5	22.5	22.0	22.5	23.0	22.0	22.5
25	15.0	14.5	14.5	18.0	17.5	18.0	22.5	22.0	22.5	23.5	22.5	23.0
26	15.0	14.0	14.5	18.0	17.5	18.0	23.0	22.0	22.5	24.0	23.0	23.5
27	14.5	14.0	14.0	19.0	18.0	18.0	23.0	22.5	23.0	24.0	23.5	24.0
28	14.0	13.5	13.5	19.5	18.5	19.0	24.0	23.0	23.5	24.0	23.5	24.0
29	---	---	---	19.5	19.0	19.0	24.5	23.0	24.0	24.5	23.5	24.0
30	---	---	---	19.5	18.5	19.0	24.5	23.5	24.0	24.5	23.5	24.0
31	---	---	---	19.0	18.5	19.0	---	---	---	24.5	23.5	24.0
MONTH	15.0	8.0	11.4	19.5	12.5	15.9	24.5	18.0	21.1	24.5	21.5	23.1

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 September 1994 (discontinued).

GAGE.--Data collection platform. Datum of gage is 2.37 ft below sea level.

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, 6.16 ft, Mar. 2; minimum gage height, 2.11 ft, July 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.81	3.36	4.28	3.63	2.39	3.00	4.82	3.38	4.21	4.69	3.12	3.99
2	5.01	3.74	4.40	4.17	2.60	3.35	4.99	3.83	4.52	4.41	3.25	3.84
3	4.61	3.29	4.04	4.12	2.79	3.46	4.99	3.86	4.55	4.68	3.28	4.04
4	4.57	3.14	4.04	4.41	2.84	3.65	4.94	3.84	4.49	4.79	2.59	3.89
5	4.66	3.29	4.12	4.84	3.36	4.22	4.80	3.02	4.05	3.49	2.41	2.84
6	4.77	3.40	4.26	4.69	3.08	4.02	4.28	2.98	3.59	4.09	2.57	3.43
7	5.12	3.90	4.61	4.20	2.80	3.43	4.65	3.07	3.90	4.29	2.63	3.48
8	5.10	4.22	4.79	4.68	3.32	3.97	4.96	3.75	4.43	4.15	2.61	3.40
9	4.62	3.14	4.10	4.84	3.73	4.31	5.05	3.78	4.52	3.84	2.35	3.09
10	4.52	2.98	3.85	4.83	3.78	4.35	5.16	4.04	4.70	4.27	2.60	3.45
11	4.60	3.31	3.93	5.07	3.86	4.53	5.13	3.54	4.30	4.67	3.09	3.91
12	4.80	3.52	4.15	5.18	4.20	4.76	4.42	2.81	3.66	4.76	3.21	4.14
13	4.89	3.68	4.34	5.14	4.07	4.69	4.99	3.48	4.35	4.54	3.28	3.91
14	5.13	4.01	4.69	4.78	3.29	4.06	5.04	3.68	4.49	4.59	3.33	4.03
15	5.41	4.57	5.08	4.51	3.00	3.85	4.88	3.57	4.34	4.11	2.27	3.03
16	5.49	4.79	5.19	4.58	3.13	3.96	4.50	2.98	3.88	4.18	2.26	3.08
17	5.42	4.56	5.00	---	---	---	4.86	3.33	4.22	4.17	2.93	3.64
18	5.19	3.98	4.77	---	---	---	4.99	3.89	4.55	4.00	2.56	3.31
19	5.17	4.07	4.61	4.85	3.43	4.18	4.68	3.49	4.17	3.54	2.50	2.93
20	5.02	3.86	4.51	4.56	2.98	3.80	4.77	3.61	4.30	3.80	2.73	3.35
21	4.64	3.30	4.22	4.69	3.09	3.96	4.49	2.92	3.68	3.92	2.72	3.36
22	4.64	3.02	3.97	4.72	3.79	4.28	4.02	2.64	3.30	3.86	2.45	3.23
23	4.90	3.77	4.31	4.59	3.52	4.06	4.25	2.93	3.66	3.92	2.39	3.20
24	5.00	4.14	4.61	4.71	3.62	4.21	4.19	3.01	3.62	3.65	2.24	2.92
25	5.12	4.26	4.69	4.90	3.82	4.43	4.00	2.66	3.25	3.80	2.23	2.99
26	5.18	4.28	4.78	5.07	3.94	4.60	3.15	2.20	2.46	3.88	2.28	3.11
27	5.01	3.70	4.38	5.37	4.28	4.92	3.05	2.16	2.51	4.54	2.57	3.69
28	4.81	3.83	4.35	5.23	3.52	4.45	3.37	2.26	2.77	5.19	3.81	4.61
29	4.97	3.80	4.54	4.53	2.95	3.81	3.97	2.45	3.19	4.85	3.23	4.03
30	5.37	4.24	4.93	4.72	3.12	3.99	4.14	2.50	3.35	4.81	3.55	4.25
31	5.09	3.13	4.11	---	---	---	4.62	2.79	3.81	5.13	4.05	4.74
MONTH	5.49	2.98	4.44	5.37	2.39	4.08	5.16	2.16	3.90	5.19	2.23	3.58

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	4.76	3.20	4.04	4.87	3.52	4.23	4.91	3.70	4.37	4.51	3.13	3.86
2	4.50	2.84	3.79	6.16	4.17	5.63	5.08	3.70	4.48	4.30	2.98	3.70
3	4.35	2.83	3.76	5.89	3.19	4.88	4.68	3.44	4.05	5.09	3.40	4.42
4	3.93	2.59	3.38	4.32	2.95	3.67	4.31	2.90	3.61	5.16	4.36	4.81
5	4.09	2.68	3.35	4.25	2.85	3.60	4.49	2.96	3.75	4.94	3.57	4.33
6	3.92	2.64	3.30	4.60	2.96	3.99	4.51	3.20	3.87	4.80	3.31	3.96
7	4.19	2.70	3.44	4.66	3.38	4.07	4.51	2.89	3.73	4.80	3.00	3.91
8	4.26	2.69	3.54	4.60	3.25	4.04	4.61	2.91	3.69	4.50	2.79	3.57
9	4.27	2.77	3.49	4.68	3.03	3.80	4.76	3.53	4.23	4.53	2.96	3.65
10	4.59	2.61	3.68	4.81	3.58	4.25	4.83	3.15	3.98	4.72	3.30	4.01
11	4.83	3.56	4.27	4.65	2.94	3.71	4.57	3.12	3.79	4.80	3.73	4.31
12	4.59	3.00	3.88	4.45	3.03	3.77	4.64	3.18	3.85	5.12	4.19	4.66
13	4.42	3.06	3.78	4.47	3.13	3.84	4.71	3.24	3.99	5.19	4.14	4.69
14	4.20	2.68	3.54	4.49	2.69	3.59	4.40	2.61	3.44	5.26	3.74	4.67
15	4.28	2.73	3.57	4.25	2.80	3.58	4.24	2.93	3.57	4.92	3.48	4.29
16	3.97	2.69	3.36	4.18	2.67	3.45	4.45	2.88	3.67	4.50	3.11	3.82
17	4.25	3.00	3.68	4.18	2.86	3.58	3.87	2.50	3.26	4.33	2.94	3.68
18	4.28	3.06	3.71	4.21	2.48	3.38	4.13	2.88	3.46	4.55	3.28	3.99
19	4.42	3.15	3.78	3.55	2.27	2.88	4.23	2.91	3.58	4.94	3.61	4.28
20	4.57	3.26	3.88	3.75	2.32	3.15	4.26	2.80	3.52	5.27	4.18	4.70
21	4.32	2.78	3.66	3.99	2.55	3.42	4.49	2.97	3.70	5.33	4.48	4.99
22	4.88	2.88	3.87	3.93	2.47	3.24	4.79	3.22	3.89	5.43	4.70	5.07
23	4.91	3.81	4.42	4.40	2.61	3.60	4.98	3.74	4.33	5.54	4.87	5.25
24	4.94	2.89	4.01	4.93	3.10	4.03	5.06	3.88	4.58	5.67	4.36	5.11
25	4.46	2.86	3.71	4.93	3.59	4.27	5.10	3.63	4.44	5.41	3.57	4.67
26	4.69	2.93	3.91	4.88	3.51	4.20	5.03	3.28	4.20	4.95	3.19	4.17
27	4.60	2.86	3.81	4.98	3.89	4.55	4.89	3.22	4.08	4.66	2.75	3.75
28	4.93	3.64	4.34	5.23	3.95	4.68	4.83	3.27	4.08	4.73	3.32	4.09
29	---	---	---	5.02	2.81	4.03	4.69	3.32	3.97	4.95	3.75	4.43
30	---	---	---	4.56	2.98	3.81	4.69	3.13	3.95	4.90	3.81	4.39
31	---	---	---	4.90	3.55	4.33	---	---	---	4.96	3.83	4.51
MONTH	4.94	2.59	3.75	6.16	2.27	3.91	5.10	2.50	3.90	5.67	2.75	4.31
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.79	3.39	4.28	4.62	2.61	3.68	4.80	3.05	3.90	4.55	2.64	3.73
2	4.48	2.94	3.95	4.30	2.99	3.81	5.02	3.31	4.22	4.66	3.06	3.70
3	4.67	2.60	3.54	4.31	2.67	3.53	5.00	3.31	4.29	4.77	3.46	4.12
4	4.67	3.25	4.11	4.28	2.65	3.51	4.94	3.28	4.10	4.93	3.66	4.32
5	4.63	2.96	3.84	4.61	3.03	3.75	4.94	3.21	4.09	5.09	4.14	4.71
6	4.48	2.86	3.64	4.96	3.31	3.97	4.71	2.84	3.77	5.48	4.77	5.16
7	4.67	3.14	3.76	4.97	3.20	4.12	4.70	3.46	4.16	5.47	4.43	4.96
8	4.76	3.25	3.97	4.84	2.87	3.87	5.01	3.91	4.53	5.17	4.00	4.79
9	4.89	3.26	3.99	4.65	2.65	3.62	5.19	4.35	4.85	5.30	4.19	4.85
10	5.55	3.63	4.37	4.44	2.51	3.41	5.26	4.26	4.85	5.19	3.84	4.77
11	5.57	3.75	4.84	4.11	2.49	3.26	5.56	4.28	4.94	5.17	3.82	4.77
12	4.71	3.10	3.90	4.14	2.61	3.45	5.12	3.71	4.60	5.01	3.48	4.43
13	4.45	3.06	3.87	4.54	2.93	3.84	4.88	3.30	4.31	4.69	3.22	4.06
14	4.72	3.31	4.12	4.47	2.73	3.65	4.59	2.87	3.92	4.60	2.94	3.93
15	4.66	3.26	4.01	4.32	2.40	3.48	4.30	2.42	3.57	4.54	2.87	3.83
16	4.47	3.13	3.88	4.23	2.11	3.33	4.80	2.45	3.49	4.80	3.24	3.97
17	4.53	3.02	3.85	4.53	2.27	3.43	4.83	4.03	4.43	4.82	3.49	4.23
18	4.83	3.11	4.00	4.45	2.56	3.65	4.82	2.60	3.72	4.75	3.45	4.14
19	4.74	3.02	4.03	4.66	2.82	3.70	4.63	2.88	3.74	4.80	3.48	4.22
20	4.94	3.11	4.03	4.73	2.82	3.85	4.68	2.96	3.84	5.06	3.99	4.64
21	4.97	3.28	4.22	4.83	3.13	4.08	4.67	3.23	4.03	5.29	4.40	4.94
22	5.04	3.35	4.28	4.93	3.15	4.13	4.95	3.66	4.35	5.27	4.42	4.88
23	4.91	2.95	4.02	4.92	3.60	4.25	4.77	3.45	4.24	5.09	3.89	4.59
24	4.54	2.73	3.63	4.94	3.76	4.43	4.98	3.60	4.31	5.65	3.84	4.83
25	4.27	2.31	3.26	5.13	3.81	4.47	4.73	3.42	4.21	5.71	4.46	5.30
26	3.82	2.22	3.10	4.78	3.14	3.94	4.77	3.23	4.08	4.96	3.68	4.53
27	4.48	3.02	3.86	4.22	2.58	3.41	4.48	2.89	3.85	4.84	3.39	4.23
28	5.19	3.51	4.66	3.94	2.41	3.33	4.22	2.59	3.59	4.35	2.87	3.73
29	4.38	3.52	4.00	4.47	2.95	3.83	4.39	2.59	3.61	4.70	2.91	3.76
30	4.44	2.83	3.75	4.96	2.52	3.99	4.12	2.44	3.44	4.94	3.59	4.28
31	---	---	---	4.62	3.43	4.18	4.62	2.55	3.52	---	---	---
MONTH YEAR	5.57 6.16	2.22 2.11	3.96 4.01	5.13	2.11	3.77	5.56	2.42	4.08	5.71	2.64	4.41

COOPER RIVER BASIN

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°54'33'', long 79°57'05'', Charleston County, Hydrologic Unit 03050201, on right bank, at the north end of the Army Transportation Dock, 3.5 mi from North Charleston, and at mile 10.5.

DRAINAGE AREA.--Undefined.

PERIOD OF RECORD.--October 1992 to current year. Records prior to the 1993 water year are located in the files of the U.S.G.S.

GAGE.--Data collection platform. Datum of gage is 8.01 ft below sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.65 ft, May 22, 1994; minimum gage height, 2.11 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.65 ft, May 22; minimum gage height, 3.61 ft, Dec. 25, 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	11.75	6.35	9.49	10.85	4.85	8.18	12.42	6.53	9.52	11.80	5.45	8.75
2	11.92	6.57	9.37	11.46	5.68	8.79	12.58	6.60	9.61	11.61	5.47	8.57
3	11.66	6.19	9.11	11.65	6.25	8.89	12.31	6.35	9.43	12.16	6.05	9.35
4	11.70	6.49	9.21	11.47	6.31	8.84	12.17	6.55	9.39	11.82	4.53	7.68
5	11.72	6.67	9.28	11.46	6.54	8.92	11.49	4.73	8.28	10.92	5.22	8.05
6	12.04	7.27	9.74	11.35	6.41	8.67	11.25	5.83	8.54	11.26	5.33	8.48
7	12.42	7.58	10.07	11.65	6.24	8.97	11.55	6.23	8.98	11.56	5.01	8.49
8	11.88	7.09	9.54	11.64	6.52	9.28	11.91	5.80	9.12	11.44	4.59	8.16
9	11.57	6.47	9.08	11.85	5.84	9.29	12.13	5.69	9.21	11.60	4.69	8.53
10	11.60	6.25	9.04	12.06	5.72	9.33	12.42	5.12	9.33	11.67	4.77	8.79
11	12.12	6.70	9.57	12.59	5.81	9.69	11.63	4.62	8.56	12.05	5.15	8.85
12	12.32	6.08	9.62	12.96	5.74	9.61	12.18	4.46	8.92	12.02	4.83	8.61
13	12.58	5.89	9.71	12.96	5.29	9.27	12.87	5.39	9.49	11.95	5.03	8.77
14	12.82	5.92	9.83	12.53	4.59	8.85	13.14	5.69	9.65	11.23	4.87	8.31
15	13.18	5.78	9.91	12.43	4.70	8.73	12.22	5.13	8.85	10.34	4.27	7.27
16	13.46	5.90	10.03	12.14	4.99	8.68	11.85	5.23	8.78	11.08	5.55	8.28
17	13.13	5.64	9.58	12.05	5.49	8.79	12.32	6.49	9.44	11.13	6.14	8.80
18	12.62	5.71	9.28	11.51	5.63	8.67	12.12	6.56	9.48	10.43	5.06	7.85
19	12.53	6.12	9.41	11.97	6.74	9.34	11.57	6.74	9.26	10.30	6.26	8.13
20	12.23	6.46	9.43	11.14	6.30	8.75	11.39	7.07	9.43	10.26	6.40	8.43
21	11.75	6.21	9.06	11.45	7.20	9.41	11.42	6.11	8.49	10.50	6.36	8.40
22	11.77	6.32	9.22	11.54	7.15	9.51	10.53	6.30	8.68	10.77	5.72	8.30
23	11.95	7.47	9.89	11.61	7.04	9.56	11.19	6.03	8.64	10.85	5.47	8.34
24	11.89	7.11	9.95	11.79	6.64	9.56	11.21	5.52	8.67	11.00	5.17	8.28
25	12.02	7.48	10.08	11.81	7.09	9.81	10.80	3.61	8.05	11.17	5.17	8.30
26	12.14	6.88	9.86	12.27	7.29	9.99	9.98	3.61	7.42	11.48	4.85	8.45
27	11.82	6.75	9.52	12.50	6.98	9.97	10.33	4.31	7.69	12.20	5.10	9.19
28	11.67	6.61	9.39	11.85	6.06	9.02	10.97	4.55	8.10	12.52	5.54	9.09
29	12.08	6.71	9.65	11.81	5.48	8.99	11.42	4.72	8.42	11.64	4.54	8.38
30	13.20	6.79	9.87	12.08	5.82	9.27	11.56	4.66	8.48	12.11	4.89	8.75
31	11.24	5.29	8.32	---	---	---	11.76	5.19	8.68	11.81	5.07	8.81
MONTH	13.46	5.29	9.52	12.96	4.59	9.15	13.14	3.61	8.86	12.52	4.27	8.47

COOPER RIVER BASIN

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.62	5.18	8.58	12.51	5.16	8.98	11.95	5.74	8.85	11.60	5.53	8.50
2	11.56	5.30	8.44	12.51	4.36	8.99	11.77	5.93	8.77	11.22	5.46	8.72
3	11.34	5.48	8.44	11.41	4.74	8.11	11.44	6.00	8.62	11.67	6.72	9.55
4	11.19	5.66	8.42	11.34	5.60	8.47	10.84	5.70	8.58	11.68	6.71	9.31
5	11.47	5.48	8.54	11.18	5.94	8.85	11.33	6.13	8.94	11.30	6.22	8.97
6	11.35	5.17	8.59	11.99	6.45	9.32	11.28	5.81	8.89	11.37	6.11	9.00
7	11.59	5.18	8.66	11.85	5.97	9.15	11.00	5.25	8.39	11.30	5.74	8.72
8	11.64	5.17	8.77	11.50	5.79	8.96	11.78	5.55	9.10	11.04	5.17	8.42
9	11.27	4.83	8.23	11.68	5.74	9.14	11.67	5.64	9.04	11.71	5.93	8.94
10	11.72	4.59	8.72	11.84	5.80	9.05	11.38	5.43	8.70	11.75	5.92	8.98
11	12.08	6.12	9.21	11.49	4.44	8.53	11.32	5.29	8.44	12.19	6.39	9.29
12	11.64	5.49	8.86	11.87	5.73	9.08	11.56	5.80	8.69	11.92	6.37	9.30
13	11.47	5.72	8.80	11.78	5.67	9.05	11.11	5.52	8.58	12.34	6.29	9.49
14	11.26	5.86	8.71	11.50	5.33	8.55	11.18	5.39	8.17	11.86	6.61	9.29
15	11.02	5.83	8.58	11.05	5.69	8.64	11.30	5.82	8.60	11.63	6.07	8.80
16	10.93	6.18	8.49	10.99	5.58	8.29	11.13	5.79	8.24	11.03	5.51	8.27
17	10.97	6.78	8.91	11.03	6.43	8.74	10.72	6.18	8.25	10.97	5.90	8.60
18	11.16	7.20	9.03	11.03	6.33	8.46	10.84	5.93	8.47	11.32	6.17	9.08
19	11.21	7.31	9.26	10.61	6.40	8.24	11.04	6.04	8.55	11.89	6.69	9.53
20	11.51	6.95	9.24	10.97	6.68	8.66	10.84	5.55	8.27	12.52	6.93	9.94
21	11.60	6.19	9.04	11.08	6.42	8.76	10.94	5.50	8.43	12.91	6.71	10.16
22	11.49	6.86	9.44	10.65	5.96	8.46	11.76	5.32	8.95	13.65	6.60	10.45
23	12.38	5.70	9.51	11.24	5.74	8.83	12.74	5.97	9.69	13.39	5.97	10.12
24	11.56	4.42	8.37	11.57	5.49	8.97	12.47	5.09	9.25	13.30	5.42	9.63
25	12.18	4.54	8.97	11.60	4.76	8.72	12.37	4.31	8.70	12.93	5.00	9.30
26	12.02	4.67	8.79	12.68	4.58	9.20	12.41	4.09	8.43	12.58	5.03	8.98
27	12.36	5.08	9.04	12.81	5.32	9.44	12.39	4.47	8.51	12.50	4.98	8.68
28	12.36	4.94	9.02	12.13	4.53	8.78	12.15	4.69	8.53	12.85	5.98	9.56
29	---	---	---	12.08	3.97	8.28	11.90	5.03	8.44	12.85	6.47	9.51
30	---	---	---	12.38	4.71	8.48	11.90	5.45	8.54	12.24	6.63	9.52
31	---	---	---	12.29	5.24	8.83	---	---	---	12.14	6.84	9.49
MONTH	12.38	4.42	8.81	12.81	3.97	8.77	12.74	4.09	8.65	13.65	4.98	9.23
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN

WANDO RIVER BASIN

021720694 WANDO RIVER ABOVE CAINHOY, SC

LOCATION.--Lat 32°56'43'', long 79°43'34'', Charleston County, Hydrologic Unit 03050201, on downstream side of bridge on State Road 98, 5.8 mi east of Cainho, and at mile 17.6.

DRAINAGE AREA.--Undefined.

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

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

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.59 ft, May 22, 1994; minimum gage height, 5.81 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.59 ft, May 22; minimum gage height, 5.81 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.97	7.37	11.41	13.06	6.31	10.09	14.53	7.49	11.49	14.05	6.63	10.87
2	14.11	7.47	11.37	13.67	6.78	10.64	14.69	7.55	11.63	13.94	6.81	10.70
3	13.92	7.22	11.10	13.91	7.33	10.88	14.49	7.41	11.47	14.34	7.17	11.38
4	13.95	7.47	11.13	13.77	7.38	10.76	14.37	7.55	11.44	14.27	6.37	10.13
5	13.96	7.69	11.22	13.81	7.69	10.90	13.87	6.45	10.44	13.34	6.58	10.03
6	14.12	8.40	11.59	13.69	7.68	10.68	13.60	6.93	10.46	13.57	6.65	10.50
7	14.55	8.73	12.03	13.94	7.35	10.87	13.80	7.23	10.92	13.91	6.51	10.59
8	14.13	8.17	11.59	13.86	7.59	11.30	14.14	6.99	11.23	13.90	6.39	10.37
9	13.81	7.70	11.03	14.13	6.97	11.49	14.35	6.85	11.34	13.91	6.30	10.67
10	13.90	7.41	11.02	14.30	7.01	11.56	14.60	6.99	11.55	13.93	6.38	10.77
11	14.36	7.57	11.67	14.74	6.86	11.91	13.89	6.44	10.70	14.33	6.59	10.99
12	14.54	7.17	11.91	15.01	6.97	11.86	14.40	6.21	11.10	14.41	6.55	10.96
13	14.73	7.03	11.93	14.99	6.71	11.53	14.90	6.63	11.55	14.29	6.79	11.02
14	14.90	7.17	12.00	14.70	6.30	11.10	15.14	6.91	11.85	13.71	6.77	10.65
15	15.20	7.10	12.04	14.22	6.32	10.91	14.51	6.71	11.13	12.86	6.48	9.49
16	15.42	7.21	12.26	14.36	6.50	10.80	14.09	6.46	10.74	13.27	6.87	10.06
17	15.17	7.26	11.97	14.31	6.80	10.94	14.45	7.52	11.45	13.37	7.40	10.85
18	14.77	6.91	11.52	13.79	6.90	10.68	14.32	7.54	11.50	12.83	6.75	9.88
19	14.67	7.11	11.51	14.20	7.75	11.36	13.80	7.83	11.28	12.51	7.56	9.96
20	14.42	7.39	11.51	13.41	7.49	10.69	13.55	8.06	11.32	12.49	7.91	10.24
21	13.98	7.24	11.07	13.59	8.19	11.25	13.73	7.46	10.48	12.62	7.72	10.21
22	13.91	7.27	11.10	13.73	8.32	11.40	12.77	7.60	10.48	13.07	6.95	10.23
23	14.12	8.40	11.80	13.81	8.03	11.50	13.41	7.31	10.61	13.17	6.84	10.30
24	14.02	8.04	11.94	14.01	7.68	11.54	13.51	6.94	10.68	13.36	6.89	10.28
25	14.19	8.51	12.11	14.03	7.82	11.73	13.15	6.51	10.17	13.56	6.68	10.38
26	14.32	7.66	11.81	14.41	8.17	11.93	12.37	5.81	9.44	13.83	6.41	10.56
27	14.07	7.75	11.58	14.58	7.85	12.03	12.71	5.93	9.64	14.43	6.43	11.24
28	13.94	7.79	11.38	14.18	7.32	11.17	13.25	6.21	10.11	14.81	7.12	11.47
29	14.28	7.77	11.62	14.07	6.68	10.98	13.75	6.27	10.46	14.05	6.49	10.70
30	15.38	7.91	12.07	14.27	6.95	11.21	13.87	6.24	10.52	14.32	6.96	11.10
31	13.65	6.72	10.49	---	---	---	14.02	6.51	10.67	14.39	7.36	11.32
MONTH	15.42	6.72	11.57	15.01	6.30	11.19	15.14	5.81	10.90	14.81	6.30	10.58

WANDO RIVER BASIN

021720694 WANDO RIVER ABOVE CAINHOY. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.98	7.21	10.92	14.53	6.62	11.23	14.21	6.79	10.91	13.88	6.69	10.56
2	13.89	7.11	10.80	14.67	7.16	11.55	14.01	6.95	10.73	13.47	6.55	10.62
3	13.66	7.23	10.60	13.59	7.17	10.52	13.73	7.02	10.62	13.89	7.58	11.47
4	13.47	7.14	10.51	13.71	7.36	10.78	13.19	6.78	10.44	13.95	7.65	11.28
5	13.76	6.95	10.63	13.43	7.43	10.89	13.64	7.29	11.00	13.62	7.35	10.96
6	13.67	6.77	10.73	14.27	7.73	11.43	13.63	7.02	10.99	13.67	7.31	11.03
7	13.95	6.67	10.84	14.13	7.33	11.29	13.39	6.55	10.46	13.60	7.09	10.68
8	13.97	6.61	10.96	13.80	7.29	11.08	13.96	6.66	10.96	13.29	6.47	10.38
9	13.69	6.49	10.44	13.99	7.07	11.29	13.92	6.77	11.04	13.94	6.98	10.99
10	13.93	6.29	10.54	14.22	7.21	11.36	13.69	6.69	10.70	13.97	7.07	10.87
11	14.35	7.25	11.37	13.85	6.37	10.51	13.60	6.54	10.38	14.39	7.43	11.14
12	13.95	6.79	10.94	14.17	6.89	11.03	13.83	6.84	10.60	14.14	7.49	11.34
13	13.86	7.04	10.97	14.10	6.88	11.15	13.43	6.84	10.67	14.52	7.15	11.34
14	13.55	7.05	10.64	13.87	6.67	10.63	13.43	6.63	10.09	14.52	7.59	11.26
15	13.55	7.03	10.57	13.48	6.99	10.73	13.60	6.93	10.51	14.11	7.33	10.78
16	13.22	7.29	10.37	13.25	6.94	10.31	13.61	7.23	10.27	13.52	6.65	10.16
17	13.22	7.97	10.66	13.29	7.77	10.69	12.62	7.58	10.06	13.14	7.09	10.50
18	13.43	8.51	10.82	13.31	7.87	10.47	13.13	7.17	10.29	13.56	7.17	11.02
19	13.48	8.64	11.07	12.67	7.58	10.14	13.29	7.40	10.48	14.05	7.57	11.57
20	13.77	8.42	11.15	13.19	7.89	10.54	13.07	6.75	10.24	14.61	7.73	12.02
21	13.93	7.46	11.06	13.37	7.93	10.73	13.24	6.68	10.42	14.96	7.53	12.32
22	13.86	7.91	11.42	12.93	7.15	10.40	13.99	6.49	11.02	15.59	7.63	12.61
23	14.63	7.75	11.74	13.53	6.87	10.87	14.80	6.89	11.80	15.35	7.15	12.35
24	14.02	6.25	10.60	13.92	6.93	11.18	14.65	6.51	11.48	15.28	6.73	11.79
25	14.46	6.15	11.04	14.04	6.39	10.91	14.57	6.13	10.87	15.02	6.54	11.54
26	14.27	6.31	11.04	14.76	6.15	11.16	14.61	6.00	10.66	14.77	6.54	11.28
27	14.56	6.64	11.18	14.99	7.03	11.77	14.57	6.19	10.72	14.73	6.32	10.89
28	14.51	6.45	11.21	14.38	6.28	11.24	14.57	6.19	10.75	14.63	7.09	11.58
29	---	---	---	14.37	6.06	10.67	14.36	6.28	10.60	14.89	7.35	11.64
30	---	---	---	14.37	6.33	10.65	14.13	6.63	10.62	14.37	7.49	11.49
31	---	---	---	14.58	6.56	11.08	---	---	---	14.46	7.77	11.66
MONTH	14.63	6.15	10.89	14.99	6.06	10.91	14.80	6.00	10.68	15.59	6.32	11.26
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.87	7.48	11.24	13.36	6.99	10.45	13.62	7.89	10.94	13.61	7.24	10.78
2	13.40	7.15	10.75	13.22	7.35	10.64	14.01	8.00	11.34	14.11	7.41	11.07
3	13.68	7.05	10.90	13.37	7.51	10.67	13.94	7.64	11.26	14.57	7.52	11.75
4	13.83	7.57	11.36	13.63	7.65	10.77	14.05	7.36	11.13	14.95	7.42	11.94
5	13.77	7.47	11.08	13.62	7.50	10.79	14.13	6.87	11.05	15.07	7.52	12.18
6	13.90	7.33	11.07	14.06	7.34	10.93	14.67	6.75	11.11	14.85	7.27	12.09
7	13.92	7.04	10.98	14.04	7.00	10.94	14.83	7.13	11.74	14.75	7.11	11.81
8	13.89	6.88	10.64	13.96	6.66	10.71	15.02	7.31	11.88	14.75	7.05	11.75
9	14.51	7.18	10.88	13.96	6.54	10.49	14.82	7.65	12.10	14.75	7.23	11.79
10	14.43	7.04	11.36	14.02	6.51	10.47	14.82	7.14	11.75	14.50	7.07	11.50
11	14.24	7.00	11.08	13.99	6.63	10.56	14.43	6.89	11.32	14.43	7.03	11.41
12	14.10	7.05	10.93	13.97	6.43	10.67	14.12	6.87	11.10	14.44	7.11	11.41
13	14.04	7.04	10.89	14.00	6.63	10.67	14.03	7.01	10.98	14.33	7.22	11.40
14	14.02	7.13	10.99	13.82	6.65	10.68	14.06	6.86	10.93	14.09	7.01	11.16
15	13.96	7.11	10.97	13.66	6.40	10.52	13.85	6.51	10.72	14.18	7.07	11.26
16	13.71	7.04	10.91	13.72	6.51	10.43	14.09	6.92	10.93	14.38	6.95	11.43
17	13.77	7.14	11.01	14.17	6.54	10.82	14.09	6.83	11.04	14.26	7.11	11.43
18	14.28	6.72	11.23	14.37	6.46	11.03	13.95	6.38	10.54	13.84	6.76	11.04
19	14.62	6.70	11.45	14.70	6.65	11.38	14.18	6.22	10.62	14.56	6.51	11.44
20	14.61	6.42	11.26	14.72	6.41	11.38	14.30	6.47	10.87	14.64	7.62	12.00
21	14.76	6.39	11.25	14.81	6.38	11.19	13.91	6.66	10.75	14.57	7.90	11.93
22	14.74	6.39	11.19	14.64	6.32	11.08	13.94	6.69	10.75	14.54	7.78	11.88
23	14.60	6.45	11.09	14.53	6.53	11.03	14.01	6.77	11.02	14.05	7.48	11.35
24	14.35	6.37	10.61	14.32	6.72	11.18	13.93	7.11	11.21	14.11	7.77	11.47
25	14.09	6.51	10.48	14.20	6.76	11.09	13.83	7.27	11.19	13.99	8.07	11.42
26	13.97	6.11	10.26	13.81	6.67	10.61	13.67	7.34	10.96	14.00	8.57	11.37
27	14.17	6.50	10.59	13.33	7.05	10.41	13.34	7.61	10.79	13.43	8.47	11.00
28	13.99	6.77	10.61	13.35	6.75	10.45	13.50	8.10	10.86	13.47	8.21	10.78
29	13.41	6.91	10.32	13.06	6.95	10.43	13.31	7.70	10.78	13.91	8.13	11.09
30	13.18	6.58	10.41	12.95	6.97	10.36	13.37	7.64	10.66	14.01	7.88	11.54
31	---	---	---	13.11	7.32	10.70	13.73	7.64	10.85	---	---	---
MONTH	14.76	6.11	10.93	14.81	6.32	10.76	15.02	6.22	11.07	15.07	6.51	11.48
YEAR	15.59	5.81	11.02									

WANDO RIVER BASIN

021720695 GUERIN CREEK ABOVE CAINHOY, SC

LOCATION.--Lat 32°57'22'', long 79°45'49'', Charleston County, Hydrologic Unit 03050201, on upstream side of bridge on State Road 98, 4.0 mi east of Cainho, and at mile 3.5.

DRAINAGE AREA.--Undetermined.

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

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

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.51 ft, May 22, 1994; minimum gage height, 6.22 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.51 ft, May 22; minimum gage height, 6.22 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	14.92	8.44	12.34	13.96	7.12	10.98	15.48	8.56	12.39	14.96	7.46	11.68
2	15.08	8.60	12.28	14.58	7.82	11.56	15.64	8.64	12.52	14.82	7.54	11.51
3	14.85	8.33	12.00	14.85	8.32	11.78	15.44	8.30	12.35	15.26	8.14	12.24
4	14.90	8.62	12.05	14.70	8.52	11.68	15.32	8.62	12.33	15.12	7.00	10.84
5	14.92	8.83	12.14	14.74	8.86	11.81	14.82	6.94	11.27	14.12	7.40	10.85
6	15.09	9.60	12.53	14.60	8.78	11.56	14.50	8.02	11.37	14.42	7.58	11.33
7	15.49	9.87	12.96	14.86	8.48	11.79	14.72	8.36	11.81	14.78	7.28	11.38
8	15.08	9.32	12.49	14.79	8.66	12.20	15.08	7.96	12.07	14.72	7.00	11.30
9	14.76	8.78	11.94	15.05	7.88	12.33	15.27	7.74	12.17	15.02	7.23	11.73
10	14.84	8.48	11.92	15.22	7.66	12.37	15.56	7.62	12.40	15.08	7.04	11.86
11	15.31	8.72	12.56	15.58	7.82	12.64	14.82	7.08	11.50	15.46	7.38	12.27
12	15.48	8.12	12.59	15.58	7.70	12.51	15.34	6.52	11.93	15.90	7.12	12.03
13	15.69	7.83	12.85	15.56	7.26	12.17	15.84	7.40	12.43	15.78	7.47	12.13
14	15.86	7.94	12.92	15.28	6.76	11.72	16.10	7.64	12.73	15.15	7.19	11.63
15	16.14	7.78	12.95	15.22	6.80	11.59	15.42	7.28	11.91	13.62	6.66	10.15
16	16.36	7.96	13.16	14.94	7.04	11.44	15.02	7.26	11.60	14.18	7.54	10.93
17	16.12	7.98	12.82	14.90	7.50	11.59	15.43	8.53	12.35	14.30	8.30	11.72
18	15.72	7.70	12.36	14.72	7.82	11.54	15.24	8.54	12.39	13.68	7.26	10.70
19	15.62	8.14	12.40	15.15	8.88	12.25	14.72	8.96	12.16	13.38	8.60	10.87
20	15.38	8.54	12.41	14.31	8.56	11.57	14.47	9.32	12.26	13.36	8.96	11.17
21	14.93	8.36	11.97	14.53	9.38	12.17	14.64	8.46	11.36	13.56	8.84	11.14
22	14.86	8.40	12.02	14.66	9.49	12.31	13.65	8.70	11.42	13.98	7.94	11.13
23	15.06	9.64	12.73	14.75	9.20	12.41	14.34	8.45	11.51	14.08	7.80	11.19
24	14.98	9.20	12.85	14.96	8.81	12.44	14.40	7.88	11.54	14.24	7.50	11.17
25	15.13	9.58	13.02	14.98	9.25	12.66	14.02	6.68	11.00	14.46	7.50	11.25
26	15.26	8.92	12.74	15.38	9.32	12.88	13.13	6.22	10.28	14.74	7.04	11.41
27	15.02	8.86	12.50	15.56	9.02	12.95	13.51	6.61	10.51	15.34	6.94	12.12
28	14.86	8.82	12.30	15.09	8.23	12.00	14.12	6.80	10.95	15.74	7.78	12.27
29	15.24	8.90	12.55	15.01	7.60	11.88	14.64	6.86	11.29	14.93	6.66	11.40
30	16.32	9.10	12.99	15.21	7.81	12.11	14.76	6.80	11.34	15.28	7.06	11.77
31	14.52	7.54	11.29	---	---	---	14.90	7.14	11.50	15.30	7.32	11.93
MONTH	16.36	7.54	12.47	15.58	6.76	12.03	16.10	6.22	11.76	15.90	6.66	11.45

WANDO RIVER BASIN

021720695 GUERIN CREEK ABOVE CAINHOY, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.88	7.32	11.56	15.46	7.12	12.04	15.12	7.76	11.77	14.82	7.60	11.45
2	14.80	7.36	11.45	15.62	7.12	12.24	14.94	7.96	11.63	14.35	7.58	11.54
3	14.57	7.82	11.34	14.50	7.26	11.15	14.64	8.10	11.51	14.82	8.80	12.41
4	14.38	7.76	11.30	14.60	7.84	11.48	14.05	7.84	11.36	14.88	8.77	12.19
5	14.69	7.65	11.44	14.38	8.18	11.71	14.54	8.34	11.86	14.52	8.42	11.85
6	14.59	7.32	11.52	15.20	8.58	12.27	14.54	8.08	11.84	14.62	8.40	11.94
7	14.86	7.54	11.65	15.06	8.16	12.11	14.24	7.40	11.30	14.52	8.18	11.62
8	14.89	7.26	11.79	14.74	7.96	11.89	14.90	7.58	11.92	14.20	7.46	11.29
9	14.59	7.08	11.21	14.92	7.79	12.15	14.86	7.60	11.94	14.88	8.00	11.84
10	14.86	6.70	11.41	15.12	8.01	12.17	14.61	7.64	11.60	14.91	8.18	11.81
11	15.28	8.04	12.19	14.74	6.58	11.33	14.52	7.46	11.26	15.34	8.56	12.08
12	14.86	7.54	11.77	15.08	7.72	11.91	14.76	7.92	11.51	15.08	8.62	12.25
13	14.76	7.88	11.81	15.02	7.60	12.00	14.32	7.90	11.56	15.48	8.24	12.29
14	14.46	8.02	11.52	14.78	7.58	11.47	14.34	7.64	10.99	15.46	8.80	12.20
15	14.46	8.08	11.46	14.30	8.00	11.60	14.54	8.00	11.43	15.05	8.46	11.71
16	14.12	8.42	11.30	14.14	7.92	11.16	14.54	8.34	11.17	14.40	7.70	11.12
17	14.12	9.14	11.63	14.20	8.88	11.59	13.58	8.70	11.02	14.04	8.22	11.43
18	14.33	9.72	11.78	14.20	8.96	11.39	14.02	8.33	11.24	14.48	8.32	11.93
19	14.39	9.86	12.02	13.58	8.78	11.07	14.20	8.54	11.41	15.01	8.80	12.46
20	14.70	9.52	12.09	14.12	9.09	11.49	13.99	7.86	11.15	15.57	8.89	12.91
21	14.86	8.64	12.05	14.26	9.12	11.67	14.14	7.76	11.31	15.91	8.67	13.23
22	14.77	9.02	12.34	13.84	8.28	11.32	14.94	7.48	11.90	16.51	8.60	13.57
23	15.58	8.62	12.63	14.45	7.96	11.76	15.76	7.86	12.75	16.29	7.95	13.24
24	14.90	6.80	11.38	14.84	7.78	12.04	15.62	7.08	12.35	16.21	7.41	12.45
25	15.38	6.59	11.91	14.96	7.08	11.77	15.50	6.57	11.64	15.98	7.32	12.68
26	15.16	6.80	11.82	15.72	6.58	12.10	15.54	6.36	11.46	15.72	7.22	12.12
27	15.47	7.08	11.99	15.98	7.78	12.67	15.52	6.58	11.53	15.58	7.04	11.72
28	15.44	6.90	12.01	15.32	6.66	12.06	15.46	6.76	11.57	15.60	7.90	12.48
29	---	---	---	15.26	6.30	11.40	15.30	7.08	11.44	15.84	8.42	12.53
30	---	---	---	15.28	6.78	11.44	15.06	7.46	11.50	15.33	8.56	12.41
31	---	---	---	15.52	7.30	11.90	---	---	---	15.42	8.90	12.57
MONTH	15.58	6.59	11.73	15.98	6.30	11.75	15.76	6.36	11.56	16.51	7.04	12.17
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	14.79	8.59	12.13	14.31	8.07	11.37	14.55	9.01	11.88	14.53	8.36	11.69
2	14.27	8.23	11.64	14.20	8.43	11.60	14.97	9.19	12.27	15.03	8.49	11.98
3	14.63	8.17	11.84	14.31	8.63	11.60	14.87	8.79	12.16	15.49	8.57	12.75
4	14.80	8.77	12.27	14.59	8.83	11.70	14.98	8.45	12.04	15.91	8.45	12.90
5	14.69	8.65	11.99	14.59	8.33	11.66	15.03	7.92	11.97	16.03	8.55	13.12
6	14.82	8.46	11.97	14.96	8.39	11.85	15.51	7.71	12.13	15.81	8.07	13.00
7	14.82	8.14	11.89	15.03	8.03	11.88	15.63	8.83	12.87	15.69	7.91	12.71
8	14.78	7.92	11.54	14.85	7.62	11.60	15.81	8.95	12.99	15.73	7.85	12.64
9	15.43	8.28	11.81	14.85	7.37	11.34	15.63	9.17	13.16	15.71	8.15	12.67
10	15.33	8.09	12.24	14.91	7.23	11.29	15.53	8.75	12.81	15.45	7.97	12.36
11	15.15	8.03	11.97	14.87	7.39	11.38	15.23	8.45	12.44	15.34	8.03	12.26
12	14.95	8.17	11.82	14.88	7.15	11.48	15.09	7.95	12.11	15.39	8.17	12.29
13	14.95	8.07	11.70	14.88	7.46	11.50	15.01	7.97	11.89	15.26	8.35	12.30
14	14.96	8.09	11.84	14.69	7.45	11.50	15.03	7.87	11.83	15.03	8.01	12.04
15	14.83	8.11	11.84	14.54	7.13	11.37	14.81	7.35	11.55	15.11	8.15	12.14
16	14.57	8.05	11.77	14.60	7.40	11.24	15.05	7.89	11.83	15.33	8.05	12.36
17	14.69	8.15	11.85	15.08	7.58	11.68	15.03	7.41	11.86	15.19	8.13	12.35
18	15.15	7.69	12.07	15.29	7.46	11.87	14.89	7.09	11.39	14.77	7.63	11.93
19	15.47	7.61	12.24	15.60	7.60	12.25	15.11	6.83	11.50	15.49	7.23	12.37
20	15.51	7.19	12.12	15.68	7.22	12.28	15.22	7.09	11.73	15.59	8.73	12.92
21	15.71	7.11	12.10	15.76	7.11	12.08	14.85	7.23	11.58	15.51	9.03	12.85
22	15.69	6.97	12.03	15.55	6.96	11.93	14.88	7.11	11.56	15.47	8.89	12.78
23	15.53	7.05	11.90	15.45	7.29	11.89	14.97	7.35	11.88	14.95	8.65	12.26
24	15.27	6.82	11.41	15.24	7.37	12.02	14.85	7.97	12.10	15.05	9.03	12.41
25	14.99	6.97	11.27	14.99	7.53	11.94	14.77	8.21	12.09	14.95	9.25	12.37
26	14.87	6.49	11.05	14.69	7.41	11.43	14.61	8.43	11.88	14.93	9.61	12.33
27	15.01	7.31	11.40	14.23	7.81	11.22	14.29	8.77	11.73	14.35	9.61	11.95
28	14.88	7.27	11.41	14.25	7.75	11.34	14.41	9.07	11.81	14.35	9.23	11.73
29	14.23	7.83	11.18	13.97	7.97	11.33	14.23	8.81	11.74	14.84	9.29	12.04
30	14.01	7.53	11.30	13.87	8.01	11.29	14.28	8.81	11.61	14.97	9.17	12.47
31	---	---	---	14.03	8.40	11.64	14.67	8.87	11.83	---	---	---
MONTH	15.71	6.49	11.79	15.76	6.96	11.63	15.81	6.83	12.01	16.03	7.23	12.40
YEAR	16.51	6.22	11.90									

WANDO RIVER BASIN

021720696 WANDO RIVER AT CAINHOY, SC

LOCATION.--Lat 32°55'24'', long 79°49'35'', Charleston County, Hydrologic Unit 03050201, on upstream side of bridge on State Road 41, 0.5 mi south of Cainhoy, and at mile 9.2.

DRAINAGE AREA.--Undetermined.

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

GAGE.--Data collection platform. Datum of gage is 10.62 ft below sea level.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.38 ft, May 22, 1994; minimum gage height, 5.76 ft, Mar. 29, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.38 ft, May 22; minimum gage height, 5.76 ft, Mar. 29.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14.54	8.41	11.98	13.55	7.00	10.65	15.16	8.56	12.00	14.51	7.49	11.20
2	14.71	8.61	11.86	14.19	7.78	11.26	15.35	8.64	12.09	14.41	7.49	11.05
3	14.45	8.26	11.61	14.45	8.33	11.41	15.09	8.32	11.91	14.92	8.05	11.85
4	14.49	8.59	11.69	14.28	8.48	11.34	14.94	8.62	11.89	14.71	6.81	10.32
5	14.51	8.83	11.77	14.27	8.74	11.41	14.34	6.74	10.82	13.67	7.33	10.51
6	14.76	9.52	12.21	14.13	8.62	11.17	14.05	7.97	11.01	14.01	7.53	10.95
7	15.18	9.79	12.58	14.43	8.44	11.46	14.30	8.34	11.45	14.34	7.11	10.96
8	14.69	9.22	12.06	14.40	8.68	11.81	14.70	7.88	11.64	14.27	6.71	10.67
9	14.35	8.67	11.58	14.68	7.95	11.86	14.92	7.72	11.71	14.37	6.88	11.05
10	14.42	8.43	11.54	14.88	7.68	11.88	15.22	7.10	11.85	14.42	6.74	11.26
11	14.95	8.75	12.13	15.40	7.89	12.24	14.39	6.77	11.06	14.85	7.11	11.33
12	15.16	8.11	12.23	15.75	7.68	12.15	14.99	6.39	11.46	14.84	6.77	11.14
13	15.42	7.81	12.29	15.70	7.17	11.77	15.61	7.36	11.96	14.75	7.03	11.28
14	15.62	7.86	12.35	15.36	6.47	11.36	15.91	7.63	12.16	14.03	6.98	10.82
15	15.98	7.65	12.38	15.27	6.67	11.25	15.04	7.13	11.38	13.08	6.38	9.73
16	16.19	7.84	12.51	14.95	6.96	11.17	14.62	7.20	11.23	13.76	7.55	10.64
17	15.89	7.56	12.11	14.85	7.41	11.30	15.08	8.54	11.91	13.84	8.27	11.30
18	15.40	7.65	11.78	14.29	7.76	11.14	14.88	8.55	11.95	13.17	7.16	10.33
19	15.33	8.09	11.90	14.75	8.81	11.82	14.31	8.88	11.75	13.01	8.58	10.56
20	15.03	8.47	11.92	13.85	8.47	11.22	14.09	9.25	11.90	12.96	8.80	10.86
21	14.54	8.30	11.55	14.13	9.32	11.84	14.21	8.33	11.00	13.18	8.63	10.83
22	14.47	8.35	11.68	14.24	9.36	11.97	13.21	8.53	11.15	13.51	7.87	10.78
23	14.71	9.58	12.37	14.37	9.19	12.05	14.00	8.31	11.22	13.62	7.68	10.83
24	14.60	9.19	12.45	14.58	8.76	12.07	14.07	7.73	11.20	13.76	7.39	10.79
25	14.78	9.59	12.61	14.58	9.30	12.30	13.57	5.89	10.58	13.97	7.39	10.85
26	14.91	8.99	12.36	15.05	9.34	12.48	12.73	5.89	9.92	14.29	6.97	11.00
27	14.63	8.85	12.08	15.21	9.04	12.49	13.07	6.51	10.08	14.98	6.99	11.74
28	14.46	8.75	11.90	14.65	8.14	11.55	13.72	6.71	10.63	15.34	7.50	11.64
29	14.86	8.78	12.14	14.60	7.54	11.49	14.23	6.81	10.97	14.39	6.36	10.83
30	16.07	8.88	12.44	14.84	7.82	11.74	14.37	6.75	10.96	14.80	6.75	11.19
31	14.05	7.44	10.85	---	---	---	14.55	7.09	11.10	14.58	6.98	11.26
MONTH	16.19	7.44	12.03	15.75	6.47	11.65	15.91	5.89	11.35	15.34	6.36	10.95

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.37	7.15	11.02	15.18	7.03	11.44	14.71	7.71	11.29	14.34	7.50	10.97
2	14.29	7.25	10.92	15.20	6.24	11.46	14.49	7.88	11.17	13.90	7.48	11.15
3	14.06	7.69	10.87	14.02	6.70	10.56	14.15	8.00	11.06	14.36	8.72	11.98
4	13.89	7.67	10.85	14.07	7.68	10.95	13.56	7.78	10.99	14.44	8.76	11.75
5	14.17	7.55	10.98	13.88	8.06	11.29	14.06	8.22	11.38	14.05	8.32	11.42
6	14.07	7.16	11.05	14.73	8.54	11.79	14.04	7.92	11.40	14.12	8.20	11.49
7	14.35	7.17	11.17	14.60	8.04	11.63	13.75	7.30	10.87	14.04	7.90	11.20
8	14.40	7.15	11.30	14.26	7.82	11.42	14.48	7.54	11.55	13.74	7.34	10.89
9	14.08	6.86	10.73	14.45	7.70	11.64	14.38	7.58	11.49	14.44	7.94	11.42
10	14.39	6.56	11.08	14.62	7.94	11.59	14.14	7.50	11.16	14.47	8.02	11.40
11	14.86	8.00	11.68	14.26	6.40	10.94	14.04	7.31	10.86	14.94	8.44	11.72
12	14.40	7.44	11.33	14.64	7.68	11.51	14.29	7.83	11.12	14.66	8.44	11.77
13	14.26	7.81	11.30	14.56	7.60	11.53	13.84	7.64	11.08	15.08	8.24	11.90
14	13.98	7.98	11.15	14.28	7.44	11.03	13.88	7.48	10.60	14.62	8.68	11.72
15	13.78	7.94	11.04	13.78	7.82	11.13	14.06	7.92	11.04	14.44	8.28	11.24
16	13.60	8.32	10.92	13.68	7.75	10.74	13.92	8.04	10.72	13.74	7.57	10.68
17	13.64	8.94	11.29	13.72	8.71	11.19	13.36	8.49	10.67	13.56	8.06	11.04
18	13.86	9.48	11.43	13.70	8.70	10.95	13.54	8.16	10.89	14.01	8.24	11.52
19	13.92	9.64	11.67	13.24	8.64	10.70	13.73	8.32	11.02	14.60	8.72	12.00
20	14.24	9.28	11.70	13.66	8.94	11.12	13.54	7.72	10.74	15.22	8.94	12.41
21	14.37	8.42	11.55	13.78	8.88	11.26	13.66	7.64	10.89	15.62	8.70	12.66
22	14.29	8.96	11.92	13.36	8.14	10.94	14.52	7.32	11.42	16.38	8.52	12.99
23	15.16	7.76	12.06	13.98	7.86	11.33	15.42	7.88	12.22	16.10	7.85	12.60
24	14.36	6.46	10.87	14.36	7.48	11.52	15.24	6.96	11.74	16.00	7.28	12.08
25	14.96	6.46	11.45	14.44	6.88	11.24	15.14	6.26	11.15	15.69	6.92	11.66
26	14.76	6.62	11.27	15.42	6.44	11.66	15.18	5.98	10.92	15.38	7.02	11.46
27	15.10	6.98	11.50	15.64	7.42	12.01	15.15	6.36	10.96	15.26	6.90	11.15
28	15.09	6.80	11.44	14.90	6.32	11.30	14.91	6.62	10.99	15.56	7.85	11.98
29	---	---	---	14.89	5.76	10.78	14.74	6.98	10.90	15.56	8.42	11.96
30	---	---	---	15.15	6.56	10.92	14.64	7.38	11.00	14.95	8.58	11.95
31	---	---	---	15.15	7.20	11.31	---	---	---	14.70	8.82	11.96
MONTH	15.16	6.46	11.27	15.64	5.76	11.25	15.42	5.98				

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC

LOCATION.--Lat 32°51'32'', long 79°53'47'', Charleston County, Hydrologic Unit 03050201, on downstream side of bridge on Interstate 526, 4.0 mi north of Mt. Pleasant, and at mile 2.3.

DRAINAGE AREA.--Undetermined.

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

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

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.92 ft, May 22, 1994; minimum gage height, 12.09 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.92 ft, May 22; minimum gage height, 12.67 ft, Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.93	15.27	18.47	19.87	13.75	17.14	21.57	15.41	18.50	20.91	14.31	17.68
2	21.07	15.47	18.31	20.57	14.61	17.77	21.73	15.49	18.54	20.73	14.33	17.51
3	20.79	15.11	18.06	20.79	15.17	17.88	21.45	15.19	18.35	21.29	14.90	18.31
4	20.83	15.41	18.16	20.61	15.27	17.82	21.29	15.45	18.31	20.79	13.47	16.52
5	20.85	15.59	18.23	20.57	15.47	17.83	20.50	13.59	17.17	19.95	14.07	16.96
6	21.19	16.19	18.73	20.45	15.33	17.59	20.37	14.75	17.46	20.35	14.23	17.36
7	21.59	16.57	19.06	20.81	15.21	17.95	20.67	15.15	17.91	20.69	13.83	17.35
8	21.03	15.95	18.48	20.77	15.49	18.25	21.05	14.69	18.03	20.61	13.47	17.04
9	20.65	15.41	18.00	21.05	14.79	18.24	21.29	14.55	18.08	20.75	13.63	17.46
10	20.73	15.23	17.98	21.27	14.56	18.26	21.63	13.91	18.18	20.83	13.65	17.75
11	21.32	15.61	18.55	21.79	14.57	18.61	20.75	13.29	17.45	21.24	13.99	17.77
12	21.51	14.95	18.59	22.17	14.37	18.53	21.41	13.31	17.90	21.18	13.68	17.56
13	21.81	14.71	18.68	22.19	14.07	18.17	22.05	14.24	18.44	21.14	13.91	17.76
14	22.05	14.75	18.73	21.77	13.37	17.78	22.37	14.55	18.61	20.35	13.70	17.19
15	22.45	14.57	18.85	21.67	13.53	17.67	21.41	13.94	17.76	19.31	13.15	16.17
16	22.73	14.73	18.98	21.31	13.83	17.62	20.99	14.03	17.73	20.11	14.39	17.21
17	22.37	14.43	18.50	21.21	14.29	17.72	21.47	15.35	18.37	20.15	15.01	17.69
18	21.83	14.53	18.20	20.63	14.49	17.59	21.25	15.41	18.38	19.43	14.01	16.76
19	21.69	14.89	18.34	21.11	15.59	18.23	20.67	15.61	18.17	19.33	15.17	17.08
20	21.41	15.33	18.33	20.19	15.21	17.66	20.43	16.01	18.34	19.29	15.35	17.34
21	20.87	15.11	17.96	20.51	16.13	18.33	20.49	14.99	17.40	19.55	15.32	17.31
22	20.89	15.23	18.16	20.63	16.11	18.43	19.55	15.23	17.60	19.83	14.67	17.23
23	21.11	16.41	18.85	20.75	15.99	18.51	20.29	14.99	17.61	19.94	14.44	17.27
24	21.03	16.03	18.91	20.93	15.57	18.52	20.33	14.45	17.56	20.08	14.13	17.22
25	21.17	16.43	19.07	20.99	16.19	18.78	19.85	12.67	16.92	20.29	13.82	17.28
26	21.35	15.79	18.84	21.47	15.89	18.95	18.97	12.75	16.38	20.64	13.77	17.46
27	20.97	15.57	18.49	21.63	15.41	18.90	19.33	13.23	16.63	21.42	13.97	18.28
28	20.81	15.51	18.35	20.97	14.97	17.95	20.02	13.47	17.07	21.74	14.36	18.01
29	21.21	15.57	18.59	20.93	14.35	17.94	20.57	13.61	17.38	20.81	13.40	17.36
30	22.39	15.63	18.80	21.21	14.69	18.23	20.73	13.55	17.47	21.26	13.78	17.75
31	20.33	14.16	17.21	---	---	---	20.89	13.99	17.61	20.96	13.96	17.73
MONTH	22.73	14.16	18.47	22.19	13.37	18.09	22.37	12.67	17.78	21.74	13.15	17.40

WANDO RIVER BASIN

021720698 WANDO RIVER ABOVE MT. PLEASANT, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20.64	14.06	17.48	21.62	14.00	17.91	21.10	14.61	17.77	20.74	14.38	17.44
2	20.68	14.18	17.35	21.46	13.18	17.84	20.88	14.78	17.64	20.28	14.38	17.68
3	20.44	14.38	17.33	20.44	13.60	17.00	20.54	14.83	17.50	20.80	15.66	18.51
4	20.28	14.58	17.32	20.46	14.49	17.37	19.93	14.66	17.50	20.84	15.64	18.24
5	20.58	14.66	17.61	20.28	14.87	17.80	20.48	15.01	17.93	20.46	15.18	17.91
6	20.48	14.10	17.58	21.16	15.40	18.26	20.39	14.72	17.83	20.49	14.96	17.94
7	20.76	14.08	17.63	21.00	14.89	18.08	20.12	14.18	17.36	20.39	14.64	17.68
8	20.80	14.05	17.74	20.64	14.66	17.87	20.92	14.62	18.11	20.12	14.12	17.39
9	20.44	13.68	17.18	20.86	14.59	18.10	20.78	14.54	18.00	20.84	14.85	17.95
10	20.86	13.43	17.70	20.96	13.96	17.97	20.52	14.33	17.65	20.86	14.84	17.9
11	21.30	14.94	18.16	20.66	13.32	17.53	20.42	14.16	17.38	21.36	15.32	18.30
12	20.82	14.37	17.85	21.06	14.60	18.05	20.68	14.69	17.65	21.04	15.30	18.27
13	20.64	14.64	17.76	20.95	14.54	18.03	20.20	14.40	17.51	21.52	15.20	18.49
14	20.36	14.78	17.70	20.67	14.28	17.55	20.26	14.26	17.13	21.04	15.52	18.23
15	19.99	14.75	17.53	20.12	14.61	17.60	20.40	14.76	17.56	20.31	14.92	17.72
16	20.02	15.14	17.44	20.06	14.56	17.26	19.78	14.71	17.18	19.94	14.44	17.20
17	20.14	15.75	17.86	20.08	15.50	17.79	19.90	15.12	17.22	20.28	14.84	17.58
18	20.24	16.10	17.98	19.88	15.29	17.39	19.92	14.92	17.43	20.44	15.12	18.09
19	20.32	16.28	18.22	19.89	15.39	17.22	20.10	15.05	17.51	21.06	15.64	18.51
20	20.64	15.97	18.20	20.02	15.70	17.63	19.92	14.50	17.21	21.70	15.90	18.91
21	20.78	15.20	18.02	20.16	15.49	17.72	20.00	14.44	17.35	22.10	15.64	19.13
22	20.70	15.77	18.44	19.72	14.98	17.44	20.92	14.22	17.91	22.92	15.45	19.44
23	21.56	14.41	18.45	20.37	14.74	17.79	21.90	14.83	18.68	22.61	14.80	19.06
24	20.74	13.30	17.30	20.74	14.36	17.93	21.69	13.92	18.20	22.52	14.22	18.56
25	21.40	13.38	17.97	20.78	13.56	17.66	21.58	13.15	17.64	22.16	13.82	18.10
26	21.22	13.54	17.77	21.94	13.44	18.21	21.64	12.94	17.43	21.78	13.84	17.90
27	21.56	13.96	18.05	22.02	14.05	18.39	21.60	13.31	17.47	21.72	13.82	17.65
28	21.54	13.78	17.97	21.31	13.30	17.70	21.34	13.53	17.48	22.06	14.79	18.54
29	---	---	---	21.34	12.78	17.25	21.06	13.88	17.38	21.80	15.34	18.44
30	---	---	---	21.62	13.56	17.47	20.95	14.32	17.48	21.44	15.54	18.47
31	---	---	---	21.14	14.10	17.76	---	---	---	21.48	15.74	18.44
MONTH	21.56	13.30	17.77	22.02	12.78	17.73	21.90	12.94	17.60	22.92	13.82	18.18
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.76	15.42	18.23	20.18	14.66	17.51	20.41	15.50	17.97	20.38	15.01	17.73
2	20.16	14.92	17.80	20.14	15.08	17.76	20.87	15.80	18.33	20.95	15.04	17.99
3	20.66	14.90	18.04	20.24	15.16	17.68	20.80	15.48	18.23	21.53	15.34	18.68
4	20.82	15.58	18.37	20.48	15.26	17.78	20.90	15.10	18.05	22.06	15.34	18.87
5	20.66	15.22	18.11	20.48	15.00	17.74	20.96	14.58	17.95	22.18	15.38	19.04
6	20.80	15.18	18.09	20.88	14.96	17.88	21.71	14.55	18.19	21.86	14.78	18.76
7	20.76	14.88	17.96	20.93	14.67	17.91	21.89	15.12	18.72	21.72	14.72	18.51
8	20.72	14.56	17.61	20.76	14.27	17.65	22.14	15.26	18.81	21.84	14.66	18.49
9	21.52	14.90	18.07	20.74	13.95	17.45	21.86	15.46	18.88	21.80	15.00	18.44
10	21.36	14.96	18.33	20.82	14.02	17.36	21.48	15.01	18.48	21.22	14.84	18.10
11	21.16	14.94	18.01	20.80	14.20	17.43	21.14	14.64	18.13	21.34	14.86	18.19
12	20.92	14.97	17.88	20.78	13.98	17.51	21.04	14.70	17.93	21.44	14.96	18.32
13	20.92	14.96	17.85	20.56	14.26	17.52	20.96	14.88	17.87	21.26	15.34	18.10
14	20.80	14.96	17.90	20.44	14.30	17.49	20.88	14.52	17.76	20.98	14.88	18.02
15	20.80	14.96	17.90	20.38	13.96	17.29	20.62	14.12	17.45	21.10	14.92	18.10
16	20.54	14.78	17.81	20.48	14.03	17.26	21.01	14.75	17.77	21.34	14.88	18.31
17	20.71	14.80	17.88	21.02	14.26	17.66	20.84	14.12	17.64	21.12	14.75	18.25
18	21.24	14.62	18.11	21.26	14.18	17.80	20.76	13.76	17.31	20.72	14.52	17.91
19	21.58	14.52	18.17	21.74	14.40	18.20	21.08	13.66	17.53	21.56	14.18	18.52
20	21.62	14.10	18.06	21.73	14.00	18.08	21.16	13.86	17.74	21.70	15.62	18.96
21	21.88	13.95	18.08	21.80	13.86	17.92	20.68	13.97	17.50	21.64	15.92	18.88
22	21.84	13.84	18.01	21.64	13.74	17.86	20.80	13.92	17.59	21.51	15.72	18.71
23	21.70	13.80	17.84	21.48	14.06	17.88	20.90	14.28	17.96	20.90	15.50	18.30
24	21.32	13.42	17.41	21.22	14.22	17.92	20.78	14.86	18.13	20.98	15.76	18.45
25	20.97	13.56	17.08	20.66	14.38	17.81	20.72	15.13	18.13	20.90	16.09	18.45
26	20.94	13.26	17.14	20.20	14.26	17.42	20.51	15.24	17.94	20.88	16.18	18.42
27	20.62	14.02	17.30	20.08	14.24	17.28	20.20	15.42	17.83	20.25	15.98	18.03
28	20.50	13.92	17.31	20.03	14.35	17.31	20.30	15.50	17.92	20.22	15.63	17.84
29	20.06	14.52	17.18	19.84	14.82	17.43	20.12	15.42	17.85	20.78	15.80	18.18
30	19.88	14.18	17.37	19.88	14.70	17.42	20.12	15.42	17.71	20.94	15.99	18.53
31	---	---	---	19.98	15.06	17.73	20.53	15.54	17.90	---	---	---
MONTH	21.88	13.26	17.83	21.80	13.74	17.64	22.14	13.66	17.97	22.18	14.18	18.37
YEAR	22.92	12.67	17.90									

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.
 WATER TEMPERATURE (Top): March 1993 to current year.
 WATER TEMPERATURE (Bottom): March 1993 to current year.
 DISSOLVED OXYGEN (Top): March 1993 to current year.
 DISSOLVED OXYGEN (Bottom): March 1993 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.
 WATER TEMPERATURE (Top): Maximum, 32.0°C, Aug. 1, 1993; minimum, 6.5°C, Jan. 20 - 24, 1994.
 WATER TEMPERATURE (Bottom): Maximum, 30.0°C, July 18, 19, 25, 1994; minimum, 5.5°C, Jan. 22, 23, 1994.
 DISSOLVED OXYGEN (Top): Maximum, 15.3 mg/L, Feb. 10, 1994; minimum, 3.6 mg/L, June 15, 1993.
 DISSOLVED OXYGEN (Bottom): Maximum, 13.3 mg/L, Jan. 26, 1994; minimum, 4.0 mg/L, July 22, Aug. 12, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 53,300 microsiemens, Dec. 2; minimum, 22,000 microsiemens, Mar. 3.
 SPECIFIC CONDUCTANCE (Bottom): Maximum, 54,400 microsiemens, Apr. 26; minimum, 24,800 microsiemens, July 24.
 WATER TEMPERATURE (Top): Maximum, 30.5°C, Sept. 1, 2; minimum, 6.5°C, Jan. 20 - 24.
 WATER TEMPERATURE (Bottom): Maximum, 30.0°C, July 18, 19, 25; minimum, 5.5°C, Jan. 22, 23.
 DISSOLVED OXYGEN (Top): Maximum, 15.3 mg/L, Feb. 10; minimum, 4.0 mg/L, July 26.
 DISSOLVED OXYGEN (Bottom): Maximum, 13.3 mg/L, Jan. 26; minimum, 4.0 mg/L, July 22, Aug. 12.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	43900	33400	37800	44600	31800	37700	52900	39400	45600	48500	37200	41900
2	43300	31900	36700	47700	32600	38900	53300	39900	45800	47300	35900	40600
3	42800	31900	37000	47100	33200	39600	52200	40600	45000	47900	35800	41500
4	43300	32500	36700	46900	36600	40000	51400	39400	44400	47200	34400	39500
5	43300	32200	36300	45600	36500	39800	48800	38900	43400	45700	34300	39000
6	44200	30100	36400	44400	33100	38300	49900	39100	43500	45600	34200	39200
7	44200	33700	38100	47000	32800	38500	50400	39200	44000	46600	35000	39400
8	43400	31600	37700	46400	36200	40200	50900	39800	44400	45900	34100	38900
9	41700	29600	36100	47500	31600	40300	51600	39600	44500	48000	33400	39600
10	43600	33800	37800	48000	36800	41900	51900	38700	44800	47600	33400	40400
11	47200	30200	39100	49000	30500	40700	50100	37100	42900	49000	35100	41400
12	46800	31700	40300	50100	35800	42600	51600	35800	43600	47800	35000	40600
13	51000	36800	43300	50400	34600	41700	51600	36200	43400	47300	34700	40500
14	51600	39200	45100	49900	32500	40800	50900	35000	43800	45200	34300	39300
15	51700	38700	45100	50800	32700	42400	50700	35600	42800	42400	31600	36400
16	52000	37700	44900	51300	36400	42800	49300	34700	41500	44700	29500	36200
17	51400	36600	43600	50800	35900	42500	49700	36500	41600	44400	31900	37800
18	50400	35200	42200	49400	36500	41600	47600	36200	41000	42700	31500	36600
19	49700	34900	41200	50200	36800	42100	46200	35500	40500	38800	31500	35500
20	48400	35000	40300	46400	34100	40500	45800	35500	40500	41700	32600	37900
21	45600	32800	38200	46400	35100	40700	45900	34200	39300	44700	32600	38700
22	46100	31600	37800	48100	35300	41300	44400	34100	39700	45500	32600	39000
23	46400	33600	39500	48300	38900	43100	45800	34500	40100	44100	33100	39100
24	47300	36300	40700	49800	38700	44300	45800	35400	40500	44100	34200	39200
25	48000	36800	41800	50300	40400	44700	44400	35700	39900	45400	36000	39700
26	48300	36700	42500	52200	41000	46400	44200	35000	39600	45800	36300	40600
27	48100	39200	43400	52800	42600	46500	45300	35200	40200	48500	36400	42300
28	48200	39500	43300	50700	41400	45400	47100	37000	41500	48000	37600	42000
29	49100	37500	42700	51100	39900	44700	48300	37500	42400	46700	34800	40100
30	50500	34100	42300	51100	39700	44900	49600	38100	42700	46900	34200	39600
31	45400	34400	39000	---	---	---	49600	37100	42600	46000	33400	38900
MONTH	52000	29600	40200	52800	30500	41800	53300	34100	42400	49000	29500	39400

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

TOP												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	43600	32300	37300	46800	31400	38800	45700	27200	34900	43400	29100	35600
2	44400	31400	36400	45200	28000	35700	43500	25300	33100	40200	28300	34200
3	42300	31300	35800	38200	22000	30000	41300	24500	31700	41900	29800	35300
4	41800	30700	35400	37500	22200	29100	38400	24000	30800	40800	30400	34700
5	43000	31100	36400	36800	23600	29100	39700	26300	32600	38900	28000	33400
6	43100	31100	36600	40800	26300	31600	40900	29500	34800	38100	29600	33600
7	44700	32200	37500	40000	26500	32000	40900	30000	34200	38600	29300	33400
8	44600	32500	38300	37900	26300	31800	44600	28500	35400	39000	29500	33300
9	44000	33400	37600	40700	26300	32900	43900	30300	35900	43400	29100	35400
10	45200	30700	37500	41100	28100	33500	43800	31100	36400	48400	33300	39000
11	46500	31900	38200	39500	25500	31300	43500	27700	34900	49200	32600	40300
12	44500	32000	37700	42400	24800	32000	43900	27300	34600	48700	37100	42200
13	44300	33100	37500	41500	26800	32900	41800	30300	35300	49700	36400	41800
14	43100	32600	36800	40600	26000	32500	42300	27400	33100	48400	35500	40400
15	41700	32600	36500	38200	27900	32400	42000	28000	33300	47700	33900	39700
16	41300	31900	35800	37100	26900	31200	42300	28500	33300	44400	32000	38400
17	41500	29800	35600	37500	24500	30300	39100	27800	32700	43900	30000	37200
18	43200	32000	36100	37800	24700	30000	41800	26700	32900	46300	34200	39800
19	44800	33000	36900	37600	23400	27800	42000	29200	35000	47400	35100	40300
20	44000	33800	38000	37600	23900	30100	41000	32600	35900	50000	32900	42100
21	43900	34100	38900	42200	26800	32400	42100	32700	36600	51000	35000	42900
22	43700	35700	39300	38800	23200	32500	44900	32700	38000	50800	39300	45400
23	45400	36900	40500	41600	28400	34800	46900	33400	39700	50500	38900	44700
24	43600	35100	39000	43700	31800	37300	47000	33800	40000	50300	35800	43100
25	45900	34400	39700	44400	30900	37400	47300	32500	39300	50700	34800	42100
26	46100	32900	39600	47800	31100	38200	48200	30000	38000	51000	34000	41200
27	46900	33500	40100	47600	32600	39900	47700	29400	38500	50700	30100	39400
28	47200	33500	40000	47600	31400	38500	46500	28600	37800	50400	30100	38600
29	---	---	---	46800	27700	36800	45200	28000	36800	50600	32500	40200
30	---	---	---	47200	27200	36000	45300	29700	36100	49000	34100	39900
31	---	---	---	46700	29800	36800	---	---	---	48400	34400	40400
MONTH	47200	29800	37700	47800	22000	33400	48200	24000	35400	51000	28000	39000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	45700	35000	39700	43200	29200	35200	44300	27000	33500	44000	33200	38200
2	44400	33700	38800	42600	27300	34700	45900	29300	35600	46800	34400	39100
3	45900	31500	38100	44300	26800	34600	45600	31000	36900	47700	34600	40600
4	46300	29000	38800	44000	26800	35800	45900	30700	37200	50100	36600	42100
5	45400	30100	38700	44500	30900	36800	46500	32900	37900	49800	36600	43300
6	46100	32800	39300	46000	32900	38000	50500	32600	38900	49200	36100	43200
7	45500	34600	39600	47300	33200	38300	50800	34700	41400	49000	34700	41100
8	46300	29300	37400	44800	31400	37000	51300	36300	42900	48900	34600	41000
9	48600	28000	39200	45500	30500	36000	50600	37300	43600	47900	29900	39400
10	47300	31100	39500	45500	30300	36000	49500	36400	42600	46700	29600	37800
11	46500	31300	38500	46400	30700	36700	48200	33500	40400	44700	28400	35500
12	45900	29800	37400	45700	31700	37200	46800	31500	38400	43900	28200	35300
13	45800	29500	37500	45600	32300	37800	45600	27800	36300	43100	28900	35200
14	44900	31000	37500	45400	31800	37300	45200	30200	36500	41700	30500	35200
15	44900	32200	37000	46400	32300	37800	44300	29800	35700	42900	30200	35800
16	43200	32300	36600	46200	32200	37900	45700	28300	35700	44900	31300	37200
17	42700	31900	36600	47200	32400	38900	44900	30000	35500	44300	31100	37600
18	44300	30800	36900	47700	32400	39500	44900	28000	34700	42300	30600	36400
19	47600	31300	38400	49900	32800	41200	46300	28200	35400	46100	29400	37800
20	47700	32700	39100	49400	34700	41900	45600	28600	36200	47900	30600	40200
21	48000	31800	39300	50700	33200	41300	43800	29200	35400	47100	34000	40400
22	48700	30600	39300	50400	33300	40900	44100	28200	35200	46100	33900	39300
23	48400	31500	38800	49000	32200	40300	44000	28100	35100	43400	31600	36700
24	48800	30600	37800	48000	31800	39500	43300	28000	34500	42800	30700	35800
25	47500	29800	37200	45300	32200	38100	43000	29000	34600	40000	29100	33500
26	46300	30000	37200	44900	30100	36300	42500	28800	34800	40900	26500	33400
27	46700	29200	37000	45000	29000	34500	42600	29200	34900	44600	26200	33900
28	46400	31500	36300	44400	29700	35600	43500	28800	35600	46500	28300	36200
29	43800	31200	35700	41800	28600	34100	44100	32000	36700	48000	30400	38600
30	43600	30100	36000	42000	26100	32200	44800	31400	37000	46600	34500	40000
31	---	---	---	41000	26000	32400	45400	32500	38100	---	---	---
MONTH	48800	28000	38000	50700	26000	37200	51300	27000	37000	50100	26200	38000
YEAR	53300	22000	38300									

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	47500	37600	43300	46900	33900	41700	49500	38600	44200	50400	38000	43600
2	47300	37200	42800	49200	36500	44100	50000	38900	44400	48500	36900	43100
3	46000	36800	42100	48000	36700	43100	48100	38400	43300	49900	37600	44100
4	46300	37000	42400	48200	38200	44000	48100	38300	43100	49000	35000	40700
5	46600	37700	42400	47800	35900	42600	46500	35400	40700	46600	37100	42600
6	47900	37700	43400	46700	33600	41400	46600	38700	43000	48000	36800	42500
7	49000	38600	45200	47600	36400	42500	46300	38000	42900	48500	34300	41500
8	48700	39800	44500	47600	34700	42700	47500	36900	42300	47000	33300	40300
9	46200	39300	42900	48500	38300	43900	48000	36300	42000	50200	33900	42300
10	46700	38300	42500	49200	34100	42800	48800	35900	42000	50600	34800	43300
11	49000	38100	43900	49400	36200	42600	46300	33300	40300	51000	35500	43300
12	48500	36300	43200	51000	35000	43500	48000	33300	40900	49200	34500	41900
13	53700	37300	45200	51000	36200	43500	48500	34100	42000	49300	33800	41700
14	53500	40900	47400	50200	35000	42700	49200	35300	42300	47400	34400	40400
15	53400	40700	47200	49500	34800	42300	47300	34900	40900	44400	32400	38500
16	53500	40400	47100	48800	34600	41600	45600	34700	40400	46500	33400	41200
17	53200	39200	46100	48100	35400	41600	47100	37100	42300	45700	37300	41900
18	51900	38300	44900	46500	35800	41400	47900	36900	43500	44000	36100	40400
19	52100	38100	45000	46900	37800	42500	47300	38500	43400	47000	35000	42400
20	50800	38900	44800	44700	36900	41900	46900	39300	43900	48000	41400	45200
21	48600	38800	43900	47000	37800	43200	46600	37500	42800	48000	40800	45400
22	49800	39800	44500	47500	40800	44700	47100	40300	44400	47600	41000	44700
23	51300	40600	47300	48200	41100	45400	48000	39400	44300	46100	38200	42800
24	51100	41700	47600	48000	40000	44700	47800	37300	43900	45700	37400	41300
25	51300	37400	46000	48300	40300	44800	46000	37200	42800	46800	35600	40700
26	51500	38500	45100	49700	40200	45600	46400	36700	41800	47600	35900	41500
27	50100	38300	44700	49800	40400	44900	46600	36400	42000	49600	36400	43400
28	48900	40200	44900	48600	38100	42800	48800	37200	43200	48600	37100	42100
29	49500	40100	45000	47900	37800	42900	50200	37700	44100	47000	34100	40300
30	51400	38600	44200	48000	37600	43000	50200	37500	44200	47400	33300	40500
31	47800	35200	41500	---	---	---	49800	38600	44000	47400	32200	39500
MONTH	53700	35200	44500	51000	33600	43100	50200	33300	42800	51000	32200	42000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	45700	31400	38300	49300	34600	41300	50800	36000	43200	50200	36500	43000
2	45000	31000	37500	49200	30400	39500	49700	35600	42000	48400	37000	43800
3	44000	32100	37500	45500	29100	36500	46900	35200	40900	50500	39300	46100
4	43300	31600	37300	44400	31100	37400	46000	33200	41400	50100	39600	45100
5	---	---	---	44300	31100	39100	47700	35100	42500	48100	38200	44200
6	---	---	---	46800	34600	40700	46600	35100	41300	47800	38300	43200
7	46000	31100	38500	45900	31700	39100	47200	34000	41200	47000	37500	42100
8	46100	31300	38600	45500	32200	38800	50700	35400	43900	---	---	---
9	44100	31000	36900	46400	30900	39500	50300	36500	44100	---	---	---
10	46600	30100	38800	45100	31100	37900	49300	36300	43000	---	---	---
11	47200	31600	40000	46400	28600	39100	49200	35700	42200	45700	35200	39900
12	45900	30900	39100	48000	29900	40400	49500	35400	42600	44500	34600	39700
13	45900	32700	39400	47400	32700	40600	49300	34900	41700	45600	35100	38900
14	44100	32900	39500	46700	32900	39400	48000	35000	41400	45200	35400	39900
15	43600	32400	38300	46200	34200	39600	48400	36700	42900	45300	35300	39800
16	43900	33700	38900	46200	33700	39400	48600	37300	42500	44100	34400	39600
17	44800	36500	40200	46400	37000	41600	47800	37800	44300	44400	35200	41000
18	47500	39000	42900	45000	37800	41500	46200	35300	42300	46000	37400	42100
19	47600	40400	44300	46900	39300	44100	49000	38600	44300	48300	34500	42400
20	44900	36500	42700	47800	40800	44900	48200	38000	43300	49700	38500	44600
21	45800	37500	41500	48300	41700	45100	48000	37400	42800	50600	39700	45300
22	45700	37100	41900	46400	37600	43000	52000	37000	44300	50500	40000	45800
23	46300	36100	41100	48100	37800	43400	54000	36100	45400	49600	39800	44900
24	44700	33800	39200	49000	37700	42900	52600	38000	45100	49100	36900	42900
25	48100	33300	40900	48700	36400	42400	52200	35900	44000	49700	31400	40900
26	48600	34100	41300	51700	35900	43900	54400	35600	44700	49900	34200	40800
27	49600	34100	41700	51100	37400	44300	53400	32200	43800	49700	31300	39400
28	49600	33300	41700	50800	35400	43000	53500	36300	44200	---	---	---
29	---	---	---	51100	32900	41800	53000	36100	43700	---	---	---
30	---	---	---	51500	34800	42800	52100	34100	43600	---	---	---
31	---	---	---	52200	35500	43300	---	---	---	---	---	---
MONTH	49600	30100	39900	52200	28600	41200	54400	32200	43100	50600	31300	42300

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	41800	27300	36600	37900	29700	34900	48700	39100	44400
2	---	---	---	41300	32300	37200	49100	29000	37100	50600	36500	43600
3	---	---	---	41200	32500	36700	49900	30200	43400	51300	38000	43800
4	---	---	---	40700	32100	36200	50000	36200	43500	53300	36800	44900
5	---	---	---	40700	30600	35700	50500	36500	42900	52600	35900	44800
6	---	---	---	41100	28300	34600	53600	35000	44400	51300	39500	45500
7	---	---	---	40800	27400	33700	53800	37100	46000	50800	35700	43400
8	---	---	---	41800	26800	33500	54400	38900	46400	51100	35600	43400
9	---	---	---	42700	28300	34600	53700	36300	45200	50200	36700	42900
10	---	---	---	42800	26700	34400	52200	35700	44800	49700	32100	40300
11	---	---	---	41900	28100	35300	52400	34200	42800	48600	31600	40400
12	---	---	---	41800	26100	35500	50200	30700	40900	45700	31400	40100
13	---	---	---	42100	29000	35600	48700	30700	40200	45900	32100	39800
14	---	---	---	41500	30100	35000	49000	26900	38800	45300	31400	39100
15	42900	33300	38500	41600	29800	35800	44900	29500	38300	47600	31500	38500
16	41900	32600	38100	41700	31100	36100	46600	29700	37300	49000	30700	38700
17	42300	32700	38000	42600	29400	35900	49200	31100	39700	47600	31600	39000
18	44200	31900	38000	42800	29000	36100	49500	26300	39000	45600	32000	39300
19	45600	32000	38400	43700	29000	36500	50200	27400	40000	49000	30000	41600
20	45400	32100	38600	42300	29200	36500	50000	31600	41300	49700	33600	43300
21	46600	31400	38300	42200	27400	35600	48100	32100	39900	49200	36000	43400
22	47000	31300	39200	42300	28700	35000	49500	30800	40700	48200	36300	42700
23	49200	31700	40200	41900	28000	34800	49000	32100	41300	46300	36300	40900
24	49200	31900	39800	41200	24800	32800	48800	32800	41300	45400	30600	38300
25	48600	30900	39400	41200	27900	34000	47500	35400	42200	44700	32000	38900
26	47600	31600	40200	38900	26900	33300	47200	36300	42000	46500	36600	41300
27	47000	30100	39200	38200	27700	32500	46600	37000	42800	45700	36500	41300
28	45000	25900	37400	36200	27900	31900	48200	40000	44100	43500	36100	40400
29	42300	31300	37100	31300	27900	29400	47600	40300	44800	45700	38500	42000
30	41900	28000	36700	30900	27800	29600	48100	41200	45200	46900	37900	43500
31	---	---	---	36200	28700	32000	49600	41700	45600	---	---	---
MONTH	49200	25900	38600	43700	24800	34600	54400	26300	41800	53300	30000	41600

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	TOP					
							MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	22.5	23.0	18.0	17.0	17.5	15.0	14.5	15.0	10.0	9.5	9.5
2	23.5	21.5	22.5	---	---	---	14.5	14.0	14.5	10.0	9.5	10.0
3	23.0	21.5	22.0	18.0	17.0	17.5	14.5	14.0	14.5	10.5	10.0	10.0
4	22.5	21.5	22.0	17.5	17.0	17.0	15.0	14.0	14.5	10.5	10.0	10.0
5	---	---	---	17.0	16.5	16.5	15.0	14.5	14.5	10.0	9.5	9.5
6	---	---	---	17.5	16.0	17.0	15.0	14.5	14.5	10.0	9.0	9.5
7	---	---	---	17.0	16.0	16.5	14.5	14.5	14.5	10.0	9.5	10.0
8	---	---	---	16.0	15.5	16.0	14.5	14.0	14.5	10.5	10.0	10.0
9	---	---	---	16.0	15.5	15.5	14.5	14.0	14.5	10.0	9.5	10.0
10	---	---	---	15.5	14.5	15.0	14.5	14.5	14.5	9.5	9.0	9.5
11	---	---	---	15.5	14.5	15.0	14.5	13.5	14.0	9.0	8.5	9.0
12	---	---	---	16.0	15.0	15.5	13.5	12.5	13.0	9.5	9.0	9.0
13	---	---	---	16.0	15.0	15.5	13.0	12.5	12.5	9.5	9.0	9.5
14	22.5	21.5	22.0	16.5	15.5	16.0	12.5	12.0	12.5	9.5	9.5	9.5
15	22.0	21.5	21.5	17.0	16.0	16.5	12.5	12.0	12.0	9.5	9.0	9.5
16	21.5	21.0	21.5	17.5	16.5	17.0	12.0	11.5	12.0	9.0	8.0	8.5
17	21.5	21.0	21.5	18.0	17.0	17.5	12.0	11.5	12.0	9.0	7.5	8.0
18	22.0	21.5	21.5	18.5	17.5	18.0	12.0	11.5	11.5	8.5	8.0	8.5
19	22.5	21.5	22.0	18.0	18.0	18.0	12.0	11.5	11.5	8.0	7.5	7.5
20	23.0	22.0	22.5	18.0	17.5	18.0	11.5	11.5	11.5	8.0	6.5	7.5
21	24.0	22.5	23.0	18.0	17.0	17.5	12.0	11.5	11.5	7.0	6.5	7.0
22	23.5	22.5	23.0	17.0	16.5	17.0	11.5	11.0	11.5	7.0	6.5	7.0
23	23.0	21.5	22.5	16.5	16.0	16.5	11.5	11.0	11.5	7.5	6.5	7.0
24	22.0	21.0	21.5	16.5	16.0	16.0	11.5	10.5	11.0	7.5	6.5	7.0
25	21.5	21.0	21.0	16.5	15.5	16.0	11.0	10.5	10.5	8.0	7.0	7.5
26	21.0	20.0	20.5	16.0	15.5	15.5	10.5	10.0	10.0	8.5	7.5	8.0
27	21.0	20.0	20.5	16.5	15.5	16.0	10.0	9.5	9.5	8.5	8.0	8.5
28	20.5	20.0	20.0	16.5	15.5	16.0	10.0	9.5	10.0	9.5	8.5	9.0
29	20.0	19.5	20.0	16.0	15.0	15.5	10.0	10.0	10.0	9.5	9.0	9.5
30	19.5	18.5	19.5	15.5	15.0	15.5	10.0	9.5	10.0	9.5	9.5	9.5
31	20.0	18.0	19.0	---	---	---	10.0	9.5	9.5	9.5	9.5	9.5
MONTH	24.0	18.0	21.5	18.5	14.5	16.4	15.0	9.5	12.4	10.5	6.5	8.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	9.0	9.5	13.0	12.5	12.5	18.0	17.5	17.5	23.0	22.5	22.5
2	9.5	9.0	9.5	13.5	12.5	13.0	19.0	17.5	17.5	---	---	---
3	9.5	9.0	9.0	13.5	13.0	13.0	18.0	17.5	18.0	22.5	22.0	22.5
4	9.5	9.0	9.0	13.5	12.5	13.0	18.5	17.5	18.0	22.5	22.0	22.5
5	9.5	9.5	9.5	14.0	13.0	13.5	19.0	18.0	18.0	22.5	21.5	22.0
6	10.0	9.5	9.5	14.5	13.0	14.0	19.0	18.5	18.5	23.0	22.0	22.5
7	10.5	9.5	10.0	15.5	14.0	14.5	19.5	18.5	19.0	23.5	22.5	23.0
8	10.5	10.0	10.0	15.5	14.5	15.0	19.0	18.0	18.5	23.5	23.0	23.0
9	11.5	10.5	10.5	16.5	15.0	15.5	19.5	18.0	18.5	23.5	22.0	22.5
10	11.0	10.5	11.0	16.5	15.5	15.5	20.0	18.5	19.0	23.5	22.0	23.0
11	10.5	10.5	10.5	15.5	14.5	15.0	20.5	19.0	19.5	23.0	22.0	22.5
12	11.0	10.5	10.5	15.5	14.5	14.5	21.0	19.5	20.0	25.0	22.5	23.5
13	11.5	10.5	10.5	15.5	14.0	14.5	20.5	20.0	20.0	25.0	22.0	23.0
14	11.5	10.5	11.0	15.0	14.5	14.5	21.0	20.0	20.5	24.5	22.0	23.0
15	11.5	10.5	11.0	16.0	14.5	15.0	22.0	20.5	21.0	25.0	24.0	24.5
16	11.5	11.0	11.0	15.0	14.5	15.0	21.0	20.5	21.0	---	---	---
17	11.5	11.0	11.0	15.0	14.5	14.5	21.0	20.5	21.0	25.5	24.0	25.0
18	12.0	11.0	11.5	15.0	14.5	14.5	21.5	20.5	21.0	25.5	24.5	25.0
19	12.5	11.5	12.0	15.5	14.5	15.0	21.5	20.5	21.0	25.0	24.0	24.5
20	13.5	12.0	12.5	16.0	14.5	15.0	22.0	21.0	21.0	24.0	22.5	23.0
21	13.5	12.5	13.0	16.5	15.0	15.5	22.0	21.0	21.5	23.0	22.0	22.5
22	14.0	13.0	13.5	16.5	15.0	16.0	22.0	21.5	22.0	22.5	21.5	22.0
23	14.0	13.5	14.0	17.0	16.0	16.5	22.0	21.0	21.5	23.0	21.5	22.0
24	14.5	14.0	14.0	17.5	16.5	16.5	22.0	20.5	21.5	23.0	22.0	22.5
25	14.5	14.0	14.0	17.5	17.0	17.0	22.0	21.0	21.5	23.0	22.5	23.0
26	14.5	14.0	14.0	17.5	17.0	17.0	22.5	21.0	21.5	23.5	22.5	23.0
27	14.0	13.0	13.5	18.0	17.0	17.5	22.5	21.5	22.0	24.0	23.5	23.5
28	13.0	12.0	13.0	18.5	18.0	18.5	23.5	22.0	22.5	24.0	23.5	24.0
29	---	---	---	18.5	18.0	18.5	24.0	22.5	23.0	24.5	23.5	24.0
30	---	---	---	18.5	17.5	18.0	23.5	22.0	23.0	24.5	24.0	24.0
31	---	---	---	18.5	17.5	18.0	---	---	---	25.5	24.0	24.5
MONTH	14.5	9.0	11.4	18.5	12.5	15.4	24.0	17.5	20.3	25.5	21.5	23.2

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	BOTTOM	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.5	24.0	24.5	19.0	16.5	17.5	15.0	14.0	14.5	9.5	9.0	9.0
2	24.5	23.5	24.0	17.5	16.0	16.5	14.5	13.5	14.0	9.5	9.0	9.5
3	25.0	23.5	24.0	17.0	16.0	16.5	14.5	13.0	14.0	10.0	9.5	9.5
4	25.5	24.0	24.5	17.0	16.0	16.5	14.5	13.5	14.0	10.0	9.5	9.5
5	25.5	24.5	24.5	17.0	17.0	17.0	14.5	14.0	14.5	9.5	9.0	9.5
6	25.0	24.5	25.0	17.5	17.0	17.5	14.5	14.0	14.5	9.5	9.0	9.0
7	25.0	23.5	24.0	17.5	17.0	17.5	14.5	14.0	14.0	10.0	9.0	9.5
8	23.5	23.0	23.5	17.5	16.5	17.0	14.5	14.0	14.0	10.0	9.5	10.0
9	23.5	23.0	23.5	16.5	16.0	16.0	14.5	13.5	14.0	10.0	9.0	9.5
10	24.0	23.5	23.5	16.0	15.0	15.5	14.5	14.0	14.5	9.5	8.5	9.0
11	24.0	22.5	23.5	15.5	14.5	15.0	14.5	13.5	14.0	9.0	8.0	8.5
12	23.0	22.0	22.5	15.5	14.5	15.0	13.5	12.5	13.0	9.5	8.5	8.5
13	22.5	22.0	22.5	15.5	14.5	15.0	12.5	12.0	12.5	9.0	8.5	9.0
14	22.5	22.0	22.0	16.0	15.5	15.5	12.0	12.0	12.0	9.5	8.5	9.0
15	22.0	21.5	22.0	17.0	16.0	16.5	12.0	11.5	12.0	9.0	8.5	9.0
16	22.0	21.5	21.5	17.5	16.5	17.0	12.0	11.0	11.5	8.5	7.0	8.0
17	22.0	21.0	21.5	17.5	17.0	17.5	11.5	11.0	11.5	7.5	6.5	7.0
18	22.0	21.0	21.5	18.0	17.5	17.5	11.5	11.0	11.5	8.0	7.0	7.5
19	22.5	22.0	22.0	18.5	18.0	18.0	11.5	11.5	11.5	8.0	7.5	7.5
20	23.0	22.0	22.5	18.5	17.5	18.0	11.5	11.5	11.5	7.5	6.5	7.0
21	23.0	22.5	23.0	18.0	17.0	17.5	11.5	11.0	11.5	7.0	6.0	6.0
22	23.0	23.0	23.0	17.5	16.5	16.5	11.5	11.5	11.5	6.5	5.5	5.5
23	23.0	21.5	22.5	16.5	16.0	16.0	11.5	11.0	11.5	6.0	5.5	6.0
24	22.0	20.5	21.0	16.0	15.5	16.0	11.0	10.5	11.0	6.5	6.0	6.0
25	21.0	20.0	20.5	16.0	15.5	15.5	11.0	10.0	10.5	7.0	6.5	7.0
26	20.5	20.0	20.0	16.0	15.0	15.5	10.5	9.5	9.5	8.0	7.0	7.5
27	20.5	19.5	20.0	16.0	15.5	15.5	10.0	9.0	9.0	8.5	7.5	8.0
28	20.5	20.0	20.0	16.0	15.5	16.0	9.5	9.0	9.5	9.0	8.0	8.5
29	20.0	19.5	20.0	16.0	15.0	15.5	10.0	9.5	9.5	9.0	8.5	9.0
30	20.0	19.5	19.5	15.5	14.5	15.0	9.5	9.0	9.5	9.0	9.0	9.0
31	20.0	19.0	19.5	---	---	---	9.5	8.5	9.0	9.0	9.0	9.0
MONTH	25.5	19.0	22.3	19.0	14.5	16.4	15.0	8.5	12.1	10.0	5.5	8.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.5	9.0	13.5	12.0	12.5	19.0	17.5	18.0	24.5	24.0	24.0
2	9.0	8.5	8.5	13.5	12.5	13.0	19.0	18.0	18.0	24.0	23.5	24.0
3	8.5	8.0	8.5	13.5	13.0	13.5	19.0	18.0	18.0	24.0	22.5	23.0
4	9.0	8.0	8.5	13.5	12.5	13.0	19.0	18.0	18.5	23.0	22.5	23.0
5	---	---	---	13.5	13.0	13.0	19.0	18.5	18.5	23.0	22.0	22.5
6	---	---	---	14.0	13.5	13.5	19.5	19.0	19.0	22.5	22.0	22.5
7	10.0	9.0	9.5	14.5	14.0	14.0	20.0	19.0	19.5	23.0	22.5	22.5
8	10.0	9.5	10.0	15.5	14.5	15.0	19.5	19.0	19.5	23.0	22.5	23.0
9	10.5	10.0	10.5	16.0	15.0	15.5	19.5	18.5	19.0	23.0	22.5	22.5
10	10.5	10.0	10.5	17.0	16.0	16.0	20.5	19.0	19.5	23.0	22.5	22.5
11	10.5	10.0	10.5	16.0	15.0	15.5	21.0	19.5	20.0	23.5	22.5	23.0
12	10.5	10.0	10.0	15.5	14.0	14.5	21.5	20.5	20.5	23.5	23.0	23.0
13	11.0	10.0	10.5	15.0	14.0	14.5	21.5	21.0	21.0	23.5	23.0	23.5
14	10.5	10.0	10.5	15.5	14.5	15.0	22.0	21.0	21.5	23.5	23.0	23.0
15	10.5	10.0	10.5	15.5	14.5	15.0	22.0	21.0	21.5	24.0	23.5	23.5
16	11.0	10.5	10.5	15.5	15.0	15.0	22.0	21.5	22.0	24.0	23.5	23.5
17	11.0	10.5	10.5	15.5	15.0	15.0	22.0	21.5	22.0	24.5	24.0	24.0
18	11.0	11.0	11.0	15.0	14.5	15.0	22.0	21.5	21.5	24.0	23.5	24.0
19	11.5	11.0	11.5	15.0	15.0	15.0	22.0	21.5	21.5	24.0	23.0	23.5
20	12.5	11.5	12.0	15.5	15.0	15.0	22.5	21.5	22.0	23.0	22.0	22.5
21	13.0	12.5	13.0	16.0	15.0	15.5	22.5	22.0	22.5	22.5	21.5	21.5
22	13.5	13.0	13.0	16.5	15.5	16.0	22.5	22.5	22.5	22.0	21.0	21.5
23	14.0	13.5	14.0	17.0	16.5	16.5	22.5	21.5	22.0	22.0	21.0	21.5
24	14.5	14.0	14.0	17.5	17.0	17.0	22.5	21.0	21.5	23.0	21.5	22.0
25	14.5	13.5	14.0	18.0	17.5	17.5	23.0	21.5	22.0	23.0	22.0	22.5
26	14.5	13.5	14.0	18.0	17.0	17.5	23.5	22.0	22.5	23.5	22.5	23.0
27	14.0	13.0	13.5	18.5	17.5	18.0	23.5	22.5	23.0	23.5	23.0	23.0
28	13.5	12.0	12.5	19.5	18.5	19.0	24.0	22.5	23.0	23.5	23.0	23.5
29	---	---	---	19.0	18.5	19.0	24.5	23.0	23.5	24.0	23.0	23.5
30	---	---	---	19.0	18.0	18.5	24.5	23.5	24.0	23.5	23.0	23.5
31	---	---	---	19.0	17.5	18.5	---	---	---	24.0	23.0	23.5
MONTH	14.5	8.0	11.2	19.5	12.0	15.5	24.5	17.5	20.9	24.5	21.0	23.0

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	TOP	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY				
1	7.1	6.2	6.6	8.0	7.4	7.7		8.8	8.5	8.7	10.6	10.1	10.4
2	7.0	5.9	6.4	8.3	7.6	7.9		9.2	8.7	8.9	10.7	10.3	10.5
3	6.8	5.3	6.1	8.2	7.4	7.8		9.3	8.9	9.1	10.7	10.5	10.6
4	6.4	4.9	5.9	8.9	7.4	8.3		9.5	9.1	9.3	10.6	10.4	10.5
5	6.3	4.7	5.7	7.5	6.9	7.3		9.4	9.1	9.2	10.5	10.2	10.3
6	6.3	5.2	5.8	8.1	7.2	7.6		9.5	9.1	9.3	10.3	10.1	10.2
7	6.1	5.6	5.9	8.3	7.7	8.0		9.5	9.3	9.4	10.3	10.1	10.2
8	6.2	4.9	5.7	8.0	7.0	7.3		9.7	9.4	9.5	10.4	10.2	10.3
9	6.0	5.3	5.7	7.3	7.0	7.2		9.8	9.5	9.6	10.5	10.3	10.4
10	6.5	5.6	5.9	7.4	7.0	7.2		9.9	9.7	9.7	10.6	10.3	10.4
11	6.6	5.8	6.2	7.5	7.1	7.3		10.0	9.7	9.9	10.8	10.5	10.6
12	6.9	5.9	6.3	7.6	7.1	7.4		10.2	9.8	10.1	10.9	10.5	10.7
13	6.9	5.7	6.3	7.6	7.1	7.3		10.3	10.1	10.2	10.9	10.7	10.8
14	6.8	5.5	6.1	7.4	7.1	7.2		10.3	10.1	10.2	10.8	10.7	10.8
15	7.1	5.6	6.3	7.9	7.0	7.5		10.4	10.2	10.3	10.8	10.6	10.6
16	7.0	5.7	6.4	8.1	7.6	7.8		10.6	10.4	10.5	10.7	10.6	10.7
17	7.0	5.8	6.3	8.2	7.8	8.0		11.0	10.5	10.7	10.8	10.5	10.6
18	6.9	5.9	6.3	8.3	7.8	8.1		10.8	10.4	10.6	10.8	10.6	10.7
19	7.0	5.6	6.3	8.1	7.7	8.0		10.6	10.4	10.5	10.9	10.8	10.9
20	6.9	6.0	6.4	8.0	7.7	7.8		10.5	10.4	10.5	10.9	10.7	10.8
21	7.0	6.1	6.4	8.0	7.8	7.9		10.6	10.4	10.5	10.8	10.6	10.7
22	7.1	6.1	6.6	8.1	7.9	8.0		10.5	10.4	10.4	10.6	10.4	10.6
23	7.4	6.7	7.0	8.3	8.0	8.1		10.8	10.4	10.5	10.6	10.4	10.5
24	7.5	7.0	7.3	8.5	8.1	8.2		10.7	10.5	10.5	10.6	10.4	10.5
25	7.8	7.2	7.5	8.5	8.1	8.2		10.7	10.4	10.6	11.1	10.5	10.6
26	8.0	7.2	7.7	8.3	8.1	8.2		10.7	10.3	10.5	11.1	10.8	11.0
27	8.5	7.3	8.0	8.3	8.1	8.2		10.6	10.3	10.4	11.0	10.5	10.8
28	8.4	7.6	8.0	8.4	8.1	8.2		10.5	10.3	10.4	10.8	10.6	10.7
29	8.5	7.5	8.0	8.6	8.2	8.4		10.3	10.2	10.3	11.3	10.8	11.0
30	8.2	7.5	7.9	8.7	8.4	8.5		10.5	10.1	10.3	11.5	11.2	11.4
31	7.9	7.3	7.6	---	---	---		10.5	9.9	10.3	11.6	11.4	11.5
MONTH	8.5	4.7	6.6	8.9	6.9	7.8		11.0	8.5	10.0	11.6	10.1	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN		MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY				
1	11.7	11.5	11.6	9.1	8.2	8.6		---	---	---	---	---	---
2	11.8	11.4	11.6	8.8	8.0	8.5		---	---	---	---	---	---
3	11.7	11.4	11.6	8.6	7.9	8.3		---	---	---	---	---	---
4	12.1	11.5	11.7	8.7	8.2	8.4		---	---	---	---	---	---
5	12.7	12.0	12.4	8.7	8.0	8.4		---	---	---	---	---	---
6	13.5	12.7	13.1	8.7	8.1	8.4		---	---	---	---	---	---
7	14.0	13.5	13.8	8.6	8.0	8.3		---	---	---	---	---	---
8	14.6	13.9	14.4	8.4	7.8	8.2		---	---	---	---	---	---
9	15.1	14.5	14.7	8.3	7.7	8.0		---	---	---	---	---	---
10	15.3	14.6	15.0	8.1	7.2	7.7		---	---	---	---	---	---
11	15.1	14.7	14.9	7.9	7.2	7.6		---	---	---	7.9	6.5	7.1
12	14.8	14.3	14.6	8.1	7.1	7.6		---	---	---	7.9	6.7	7.1
13	14.4	13.3	13.8	7.8	7.0	7.5		---	---	---	7.8	6.7	7.1
14	13.5	12.7	13.2	8.0	6.8	7.5		---	---	---	7.7	6.7	7.1
15	13.1	12.1	12.5	8.0	7.2	7.6		---	---	---	7.7	6.8	7.1
16	12.2	11.5	11.8	7.9	7.2	7.5		---	---	---	7.2	6.6	6.9
17	11.5	11.0	11.3	8.1	7.2	7.7		---	---	---	7.8	6.5	7.1
18	11.0	10.5	10.8	8.0	7.3	7.7		---	---	---	8.3	7.0	7.5
19	10.6	10.1	10.3	8.3	7.3	7.7		---	---	---	8.3	7.2	7.7
20	10.1	9.7	9.8	8.1	7.3	7.7		---	---	---	8.3	7.3	7.8
21	9.7	9.3	9.5	8.3	7.3	7.8		---	---	---	8.5	7.5	7.9
22	9.4	9.2	9.3	8.1	7.4	7.8		---	---	---	8.5	7.4	7.8
23	9.2	8.9	9.1	8.0	7.1	7.6		---	---	---	8.4	7.0	7.7
24	8.9	8.8	8.9	7.9	7.3	7.7		---	---	---	8.4	6.8	7.5
25	8.8	8.7	8.8	---	---	---		---	---	---	7.7	6.2	7.0
26	8.7	8.6	8.7	---	---	---		---	---	---	7.6	6.3	6.9
27	8.7	8.5	8.6	---	---	---		---	---	---	7.3	5.9	6.6
28	8.5	8.4	8.5	---	---	---		---	---	---	7.5	6.0	6.8
29	---	---	---	---	---	---		---	---	---	7.5	6.3	6.9
30	---	---	---	---	---	---		---	---	---	7.4	6.4	6.9
31	---	---	---	---	---	---		---	---	---	7.7	6.1	6.9
MONTH	15.3	8.4	11.6	9.1	6.8	7.9		---	---	---	8.5	5.9	7.2

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	<u>BOTTOM</u>	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.7	5.9	6.9	8.2	6.8	7.7	10.4	8.9	9.7	11.3	10.5	11.1
2	6.9	6.1	6.5	8.5	7.5	8.0	9.9	8.6	9.4	11.3	10.7	11.0
3	6.7	5.6	6.2	8.4	7.6	8.1	9.5	8.7	9.1	11.2	10.7	11.0
4	6.7	5.6	6.1	8.5	7.7	8.0	9.5	8.6	9.1	11.1	10.6	10.9
5	6.4	5.5	5.9	8.5	7.5	8.0	9.8	8.6	9.2	11.2	10.6	10.9
6	6.7	5.3	6.1	8.1	7.4	7.7	9.9	8.8	9.3	11.3	10.6	11.0
7	6.5	5.9	6.2	8.3	7.3	8.0	9.9	9.0	9.6	11.6	10.6	11.0
8	6.5	5.7	6.2	8.4	7.7	8.0	10.2	9.0	9.8	11.6	10.5	10.9
9	6.2	5.4	5.8	8.5	7.4	8.1	10.6	9.2	10.0	11.4	10.6	11.0
10	6.1	5.3	5.7	8.8	7.6	8.2	10.7	9.0	10.1	11.7	10.7	11.2
11	6.6	5.5	6.0	9.2	7.4	8.4	10.9	9.3	10.2	11.7	10.8	11.3
12	6.8	5.5	6.2	9.1	7.4	8.4	11.0	9.1	10.4	11.6	10.7	11.2
13	7.6	5.6	6.5	9.0	7.7	8.4	10.8	9.6	10.4	11.6	10.7	11.2
14	7.3	6.0	6.6	9.0	7.6	8.4	10.9	9.8	10.4	11.4	10.6	11.0
15	7.3	5.7	6.5	9.1	7.5	8.4	11.1	9.1	10.5	11.5	10.6	11.1
16	7.3	5.9	6.5	8.9	7.7	8.4	11.2	10.1	10.7	11.9	11.0	11.4
17	7.1	5.9	6.4	8.9	7.7	8.5	11.1	10.2	10.6	12.0	11.3	11.6
18	6.9	5.7	6.3	9.0	7.8	8.5	10.4	9.8	10.2	12.1	11.2	11.5
19	6.8	5.6	6.3	9.0	7.7	8.5	10.5	9.9	10.2	11.9	11.1	11.5
20	6.9	5.8	6.3	8.8	7.8	8.4	10.5	9.8	10.1	11.9	11.2	11.5
21	6.8	5.9	6.2	9.0	7.9	8.4	10.2	9.7	9.9	12.0	11.2	11.6
22	6.9	5.9	6.3	9.0	8.0	8.4	10.4	9.8	10.0	12.4	11.6	12.0
23	6.6	6.0	6.2	9.1	8.0	8.6	10.4	9.8	10.0	12.6	11.7	12.1
24	7.3	6.2	6.6	9.3	8.2	8.8	10.4	9.9	10.1	12.9	11.7	12.3
25	8.5	7.1	7.7	9.6	8.2	9.0	10.5	9.9	10.2	13.0	11.9	12.6
26	8.5	7.4	7.9	9.6	8.4	9.2	10.7	10.0	10.4	13.3	12.1	12.8
27	8.2	7.2	7.7	9.8	7.9	9.0	11.2	10.4	10.7	13.1	12.1	12.6
28	7.9	7.1	7.5	9.6	8.2	9.1	11.3	10.5	11.0	12.8	11.9	12.4
29	7.9	7.1	7.5	10.2	8.8	9.5	11.4	10.6	11.0	12.5	11.7	12.1
30	7.9	7.0	7.4	10.2	8.8	9.6	11.3	10.5	10.9	12.3	11.5	11.9
31	7.8	6.8	7.3	---	---	---	11.4	10.6	11.0	12.1	11.3	11.8
MONTH	8.5	5.3	6.6	10.2	6.8	8.5	11.4	8.6	10.1	13.3	10.5	11.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	11.4	11.8	9.7	8.7	9.2	8.2	7.1	7.5	7.0	5.7	6.2
2	12.3	11.5	11.8	9.8	8.8	9.2	8.1	7.0	7.4	6.5	5.6	6.1
3	12.2	11.5	11.8	9.4	8.6	9.0	7.8	7.0	7.3	6.9	5.7	6.2
4	12.2	11.6	11.9	9.3	8.7	8.9	7.5	6.9	7.3	6.6	5.6	6.1
5	---	---	---	9.3	8.6	8.9	7.6	7.0	7.3	6.7	5.6	6.0
6	---	---	---	9.3	8.6	9.0	7.8	7.0	7.4	6.9	5.8	6.2
7	12.1	11.3	11.8	9.3	8.5	8.9	8.2	6.7	7.4	7.1	5.7	6.3
8	12.1	11.4	11.8	9.0	8.3	8.7	8.0	7.0	7.5	7.0	6.0	6.4
9	12.2	11.3	11.7	9.0	8.2	8.6	8.2	7.0	7.5	7.3	6.0	6.6
10	12.1	11.4	11.8	8.8	8.1	8.4	8.0	6.9	7.4	8.1	6.0	6.8
11	12.0	11.4	11.7	8.9	8.0	8.4	7.9	6.7	7.3	7.8	6.6	7.0
12	11.9	11.3	11.6	9.0	8.2	8.6	8.0	6.7	7.2	7.7	6.4	6.9
13	11.8	11.3	11.6	8.9	8.1	8.6	7.3	6.1	6.8	7.9	6.3	6.9
14	11.9	11.3	11.6	8.9	8.0	8.4	7.2	5.9	6.5	7.7	6.4	6.9
15	11.9	11.3	11.6	8.8	8.0	8.3	6.9	6.1	6.5	---	---	---
16	11.8	11.4	11.6	8.7	8.1	8.3	6.8	5.5	6.2	---	---	---
17	11.7	11.2	11.4	8.5	7.9	8.2	6.8	5.5	6.0	---	---	---
18	11.5	11.1	11.3	8.5	7.8	8.1	7.1	5.7	6.3	---	---	---
19	11.5	10.8	11.1	8.5	7.8	8.1	7.0	5.8	6.5	---	---	---
20	11.1	10.4	10.7	8.4	7.7	8.0	7.3	6.0	6.6	---	---	---
21	10.7	10.1	10.3	8.4	7.6	7.9	7.4	6.3	6.9	---	---	---
22	10.6	9.9	10.1	8.2	7.5	7.8	7.5	6.2	6.9	---	---	---
23	10.0	9.5	9.8	8.3	7.6	8.0	7.9	6.3	6.9	---	---	---
24	9.7	9.2	9.5	8.4	7.6	8.0	7.5	6.1	6.9	---	---	---
25	9.7	9.2	9.4	8.4	7.4	7.8	7.9	6.2	6.8	---	---	---
26	9.6	8.9	9.2	8.7	7.2	7.8	7.9	5.9	6.7	---	---	---
27	9.5	8.8	9.2	8.5	7.2	7.8	7.9	5.6	6.6	---	---	---
28	9.5	8.9	9.2	8.1	7.0	7.6	7.7	5.8	6.5	---	---	---
29	---	---	---	8.2	6.9	7.4	7.6	5.8	6.4	---	---	---
30	---	---	---	8.4	6.8	7.5	7.1	5.6	6.3	---	---	---
31	---	---	---	8.3	7.1	7.6	---	---	---	---	---	---
MONTH	12.3	8.8	11.0	9.8	6.8	8.3	8.2	5.5	6.9	8.1	5.6	6.5

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 sea level.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 23.65 ft, Jan. 1, 1987; minimum gage height, 10.88 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.71 ft, May 22; minimum gage height, 12.72 ft, Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.74	15.50	18.40	19.64	13.92	17.06	21.38	15.59	18.44	20.70	14.49	17.58
2	20.83	15.67	18.23	20.38	14.85	17.71	21.53	15.71	18.47	20.47	14.45	17.43
3	20.58	15.29	17.98	20.57	15.36	17.81	21.23	15.42	18.27	21.04	15.08	18.22
4	20.60	15.59	18.09	20.37	15.40	17.75	21.05	15.58	18.22	20.37	13.50	16.39
5	20.64	15.75	18.17	20.31	15.58	17.75	20.21	13.75	17.06	19.66	14.31	16.88
6	21.01	16.23	18.72	20.22	15.41	17.52	20.13	14.88	17.39	20.10	14.35	17.27
7	21.44	16.71	19.04	20.57	15.36	17.90	20.47	15.35	17.85	20.41	13.97	17.25
8	20.81	16.11	18.42	20.55	15.68	18.20	20.82	14.85	17.95	20.38	13.62	16.94
9	20.38	15.55	17.94	20.86	15.02	18.17	21.09	14.73	17.99	20.52	13.86	17.37
10	20.48	15.35	17.93	21.07	14.80	18.17	21.42	14.13	18.06	20.65	13.94	17.83
11	21.11	15.83	18.49	21.59	14.75	18.49	20.51	13.54	17.36	21.01	14.20	17.66
12	21.28	15.15	18.48	22.00	14.49	18.40	21.17	13.56	17.78	20.95	13.86	17.43
13	21.60	14.91	18.55	21.98	14.27	18.05	21.87	13.68	18.31	20.89	14.11	17.63
14	21.88	14.97	18.67	21.55	13.60	17.66	22.19	14.77	18.49	20.10	13.83	17.08
15	22.27	14.79	18.74	21.45	13.74	17.55	21.18	14.15	17.64	19.00	13.30	16.08
16	22.55	14.90	18.88	21.10	14.06	17.51	20.74	14.24	17.64	19.90	14.62	17.16
17	22.15	14.65	18.39	20.96	14.54	17.61	21.25	15.52	18.29	19.92	15.14	17.60
18	21.60	14.75	18.09	20.38	14.62	17.50	21.00	15.61	18.30	19.17	14.20	16.70
19	21.46	15.11	18.25	20.85	15.76	18.15	20.42	15.74	18.09	19.11	15.16	17.05
20	21.17	15.49	18.24	19.98	15.33	17.61	20.24	15.91	18.28	19.13	15.35	17.31
21	20.63	15.27	17.89	20.35	16.26	18.30	20.23	15.13	17.34	19.37	15.39	17.26
22	20.70	15.38	18.12	20.46	16.21	18.41	19.37	15.34	17.55	19.59	14.84	17.16
23	20.99	16.58	18.83	20.57	16.16	18.48	20.07	15.09	17.56	19.67	14.57	17.19
24	20.91	16.23	18.88	20.75	15.76	18.47	20.15	14.58	17.50	19.79	14.30	17.13
25	21.05	16.62	19.01	20.82	16.41	18.73	19.63	12.72	16.83	20.02	14.02	17.16
26	21.18	15.96	18.80	21.31	16.11	18.90	18.71	12.84	16.28	20.39	13.97	17.33
27	20.77	15.76	18.40	21.43	15.58	18.82	19.08	13.40	16.53	21.18	14.20	18.14
28	20.59	15.67	18.26	20.78	15.11	17.86	19.79	13.55	16.95	21.43	14.49	17.85
29	20.98	15.72	18.51	20.73	14.52	17.84	20.33	13.81	17.28	20.53	13.60	17.22
30	22.06	15.76	18.67	20.99	14.91	18.14	20.52	13.76	17.37	21.00	13.98	17.63
31	20.10	14.25	17.12	---	---	---	20.67	14.20	17.52	20.69	14.13	17.60
MONTH	22.55	14.25	18.39	22.00	13.60	18.02	22.19	12.72	17.70	21.43	13.30	17.31

COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	20.38	14.23	17.35	21.33	14.20	17.76	20.76	14.76	17.64	20.45	14.56	17.31
2	20.40	14.36	17.23	21.09	13.35	17.67	20.61	14.97	17.51	20.01	14.54	17.60
3	20.17	14.46	17.21	20.21	13.69	16.86	20.25	15.01	17.38	20.57	15.80	18.43
4	20.03	14.66	17.21	20.13	14.60	17.23	19.63	14.81	17.40	20.59	15.73	18.15
5	20.29	14.76	17.47	20.00	14.99	17.68	20.20	15.18	17.83	20.22	15.26	17.83
6	20.18	14.27	17.41	20.89	15.49	18.15	20.14	14.82	17.69	20.18	15.11	17.82
7	20.46	14.26	17.49	20.74	15.02	17.96	19.90	14.33	17.25	20.07	14.78	17.55
8	20.51	14.12	17.58	20.36	14.81	17.73	20.65	14.79	17.98	19.86	14.26	17.87
9	20.14	13.84	17.02	20.56	14.76	17.93	20.50	14.71	17.87	20.61	15.00	17.22
10	20.57	13.58	17.57	20.63	14.12	17.79	20.23	14.46	17.51	20.62	14.97	17.82
11	21.06	15.09	18.03	20.39	13.49	17.41	20.13	14.30	17.26	21.13	15.45	18.18
12	20.56	14.54	17.72	20.77	14.77	17.94	20.38	14.82	17.52	20.78	15.42	18.15
13	20.38	14.77	17.63	20.68	14.72	17.89	19.89	14.50	17.36	21.26	15.37	18.38
14	20.11	14.89	17.60	20.35	14.42	17.42	19.99	14.41	17.01	20.80	15.65	18.13
15	19.76	14.87	17.42	19.83	14.72	17.46	20.07	14.90	17.43	20.06	15.03	17.62
16	19.78	15.25	17.35	19.81	14.69	17.13	19.43	14.75	17.06	19.69	14.62	17.09
17	19.94	15.84	17.80	19.81	15.46	17.59	19.65	15.17	17.12	20.08	14.98	17.50
18	20.03	16.25	17.93	19.62	15.31	17.26	19.69	14.99	17.35	20.22	15.29	17.96
19	20.11	16.33	18.18	19.64	15.31	17.11	19.86	15.16	17.41	20.85	15.81	18.44
20	20.43	16.02	18.14	19.78	15.80	17.53	19.66	14.63	17.10	21.47	16.09	18.83
21	20.54	15.34	17.94	19.92	15.48	17.62	19.75	14.56	17.24	21.90	15.81	19.01
22	20.45	15.96	18.34	19.48	15.13	17.35	20.65	14.38	17.78	22.71	15.63	19.28
23	21.32	14.56	18.31	20.12	14.88	17.69	21.66	15.02	18.53	22.40	14.97	18.90
24	20.46	13.43	17.15	20.47	14.51	17.78	21.44	14.10	18.03	22.25	14.36	18.40
25	21.12	13.56	17.80	20.49	13.67	17.49	21.31	13.33	17.47	21.91	13.98	18.06
26	20.97	13.74	17.63	21.71	13.59	18.05	21.37	13.11	17.27	21.47	14.01	17.73
27	21.30	14.17	17.91	21.70	14.14	18.18	21.33	13.49	17.31	21.46	13.99	17.50
28	21.28	13.96	17.83	21.03	13.44	17.50	21.08	13.75	17.33	21.83	15.02	18.43
29	---	---	---	21.09	12.99	17.10	20.80	14.06	17.25	21.39	15.50	18.31
30	---	---	---	21.34	13.75	17.34	20.59	14.49	17.35	21.22	15.72	18.37
31	---	---	---	20.86	14.26	17.61	---	---	---	21.29	15.91	18.44
MONTH	21.32	13.43	17.65	21.71	12.99	17.59	21.66	13.11	17.47	22.71	13.98	18.07
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	20.53	15.55	18.04	19.88	14.78	17.41	20.13	15.59	17.87	20.07	15.10	17.62
2	19.90	15.00	17.61	19.89	15.19	17.66	20.59	15.90	18.20	20.70	15.15	17.87
3	20.41	15.04	17.94	20.03	15.26	17.63	20.48	15.59	18.09	21.32	15.51	18.55
4	20.54	15.74	18.28	20.20	15.34	17.68	20.62	15.19	17.93	21.81	15.55	18.75
5	20.40	15.35	18.01	20.22	15.09	17.62	20.68	14.74	17.81	21.93	15.57	18.90
6	20.55	15.26	17.91	20.62	15.06	17.75	21.42	14.75	18.07	21.62	14.94	18.60
7	20.51	15.02	17.84	20.63	14.79	17.77	21.63	15.32	18.60	21.47	14.90	18.36
8	20.40	14.71	17.49	20.45	14.42	17.51	21.88	15.44	18.69	21.58	14.85	18.37
9	21.27	14.93	17.97	20.42	14.12	17.28	21.59	15.62	18.74	21.52	15.17	18.32
10	21.09	15.11	18.21	20.49	14.18	17.23	21.22	15.19	18.35	21.19	15.05	18.11
11	20.90	15.13	17.92	20.50	14.35	17.31	20.87	14.81	17.99	21.12	15.03	18.08
12	20.63	15.12	17.78	20.45	14.16	17.38	20.76	14.83	17.81	21.18	15.11	18.16
13	20.65	15.15	17.75	20.25	14.40	17.39	20.67	15.04	17.76	21.00	15.39	18.16
14	20.53	15.12	17.80	20.00	14.45	17.34	20.60	14.63	17.61	20.70	15.06	17.90
15	20.46	15.11	17.80	20.06	14.11	17.15	20.34	14.30	17.31	20.82	15.07	17.97
16	20.28	14.92	17.75	20.19	14.15	17.12	20.68	14.90	17.63	21.08	15.06	18.17
17	20.46	14.93	17.80	20.68	14.35	17.52	20.53	14.29	17.46	20.82	14.78	18.10
18	20.97	14.81	17.99	20.96	14.33	17.65	20.42	13.91	17.18	20.45	14.69	17.77
19	21.30	14.70	18.03	21.47	14.51	18.03	20.78	13.82	17.38	21.29	14.38	18.42
20	21.33	14.31	17.90	21.42	14.17	17.92	20.87	14.09	17.60	21.49	15.80	18.86
21	21.57	14.14	17.92	21.49	14.00	17.81	20.34	14.12	17.35	21.42	16.10	18.80
22	21.57	14.03	17.86	21.34	13.92	17.70	20.48	14.11	17.46	21.26	15.90	18.59
23	21.43	14.00	17.67	21.19	14.25	17.74	20.63	14.47	17.84	20.66	15.66	18.22
24	21.05	13.62	17.25	20.94	14.42	17.78	20.52	15.05	18.03	20.79	15.89	18.36
25	20.64	13.70	16.91	20.37	14.56	17.66	20.45	15.33	18.02	20.66	16.27	18.36
26	20.66	13.39	17.02	19.90	14.42	17.29	20.23	15.30	17.83	20.67	16.25	18.34
27	20.22	14.16	17.14	19.75	14.31	17.16	19.87	15.51	17.72	20.04	16.02	17.91
28	19.94	14.10	17.18	19.65	14.46	17.22	20.06	15.54	17.82	19.93	15.68	17.74
29	19.78	14.67	17.06	19.56	14.95	17.31	19.86	15.50	17.74	20.50	15.89	18.10
30	19.58	14.33	17.25	19.64	14.84	17.33	19.83	15.51	17.61	20.71	16.16	18.44
31	---	---	---	19.77	15.20	17.64	20.22	15.61	17.79	---	---	---
MONTH	21.57	13.39	17.70	21.49	13.92	17.52	21.88	13.82	17.85	21.93	14.38	18.26
YEAR	22.71	12.72	17.79									

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS, SC

LOCATION.--Lat 32°57'31'', long 80°12'04'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on State Road 165, 0.7 mi north of Cooke Crossroads, and at mile 27.9.

DRAINAGE AREA.--Undetermined.

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

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

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.18 ft, Jan. 14, 1993; minimum gage height, 7.95 ft, Dec. 26, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.64 ft, Nov. 15; minimum gage height, 7.95 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.37	8.43	11.16	12.44	8.05	9.88	13.90	8.49	11.33	13.36	8.23	10.77
2	13.49	8.57	11.20	13.05	8.12	10.43	14.01	8.53	11.43	13.21	8.37	10.64
3	13.21	8.37	10.86	13.23	8.25	10.63	13.80	8.55	11.29	13.69	8.41	11.20
4	13.29	8.33	10.84	13.09	8.21	10.51	13.72	8.47	11.22	13.45	8.28	10.18
5	13.29	8.39	10.93	13.10	8.26	10.62	13.10	8.09	10.19	12.73	8.25	9.91
6	13.65	8.60	11.33	12.93	8.25	10.39	12.91	8.13	10.26	12.91	8.25	10.41
7	13.94	8.79	11.77	13.23	8.19	10.59	13.17	8.32	10.72	13.16	8.20	10.42
8	13.43	8.70	11.34	13.22	8.49	11.16	13.46	8.45	11.11	13.00	8.15	10.11
9	13.15	8.23	10.74	13.45	8.49	11.32	13.64	8.27	11.15	13.19	8.11	10.47
10	13.20	8.22	10.78	13.61	8.43	11.30	13.87	8.26	11.26	13.32	8.17	10.68
11	13.65	8.42	11.39	14.03	8.41	11.63	13.13	8.23	10.48	13.60	8.28	10.88
12	13.82	8.59	11.56	14.24	8.57	11.66	13.62	8.09	10.85	13.77	8.41	11.17
13	14.01	8.66	11.68	14.22	8.47	11.45	14.16	8.35	11.38	13.56	9.09	11.16
14	14.19	8.75	11.84	13.95	8.28	11.06	14.41	8.55	11.75	13.12	9.05	10.73
15	14.40	8.80	11.95	15.64	8.21	11.15	13.63	8.41	10.93	11.98	9.01	9.89
16	14.59	8.99	12.19	13.63	8.21	10.72	13.32	8.11	10.53	12.79	9.02	10.36
17	14.29	8.85	11.81	13.59	8.23	10.82	13.83	8.45	11.27	12.77	9.07	10.89
18	13.99	8.45	11.37	13.09	8.17	10.50	13.63	8.57	11.27	12.41	9.29	10.33
19	13.97	8.39	11.36	13.39	8.50	10.99	13.13	8.47	10.98	12.23	9.27	10.26
20	13.76	8.53	11.34	12.73	8.21	10.35	12.95	8.58	11.00	12.15	9.19	10.44
21	13.30	8.31	10.88	12.99	8.55	10.97	12.91	8.07	10.19	12.31	9.16	10.40
22	13.35	8.30	10.92	13.09	8.55	11.12	12.21	8.13	10.12	12.67	9.09	10.38
23	13.55	8.78	11.55	13.21	8.60	11.22	12.79	8.17	10.36	12.69	9.08	10.44
24	13.49	8.96	11.74	13.37	8.58	11.22	12.91	8.18	10.42	12.82	9.01	10.46
25	13.62	8.83	11.79	13.41	8.47	11.42	12.55	8.11	9.79	12.95	8.98	10.57
26	13.71	8.75	11.59	13.84	8.81	11.73	11.60	7.95	9.32	13.12	8.95	10.76
27	13.37	8.63	11.27	14.03	8.87	11.91	12.15	7.99	9.58	13.81	8.92	11.35
28	13.25	8.35	10.94	13.37	8.51	10.95	12.68	8.04	9.99	14.09	9.07	11.61
29	13.59	8.53	11.49	13.35	8.18	10.72	13.07	8.07	10.32	13.34	9.14	11.14
30	14.63	8.75	11.87	13.61	8.31	11.03	13.15	8.09	10.38	13.59	9.77	11.69
31	12.75	8.13	10.11	---	---	---	13.33	8.21	10.59	13.81	10.55	12.14
MONTH	14.63	8.13	11.34	15.64	8.05	10.98	14.41	7.95	10.69	14.09	8.11	10.70

ASHLEY RIVER BASIN

02172081 ASHLEY RIVER AT COOKE CROSSROADS. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.46	10.81	11.97	13.91	9.22	11.59	13.55	9.09	11.14	13.19	8.18	10.52
2	13.38	11.01	11.96	14.36	10.85	12.60	13.34	9.04	11.00	12.87	8.13	10.49
3	13.24	10.89	11.89	13.15	11.07	11.93	13.06	8.97	10.81	13.31	8.57	11.36
4	13.05	10.69	11.72	13.49	11.89	12.61	12.71	8.95	10.61	13.24	8.43	11.02
5	13.23	10.67	11.68	13.81	12.27	13.00	12.98	8.94	11.02	12.97	8.25	10.67
6	13.17	10.69	11.88	14.33	12.55	13.39	12.95	8.91	10.95	12.96	8.23	10.65
7	13.38	10.73	11.92	14.23	12.51	13.31	12.77	8.86	10.54	12.89	8.10	10.36
8	13.47	10.85	12.05	14.13	12.65	13.40	13.45	8.83	11.02	12.81	8.03	10.11
9	13.19	10.84	11.80	14.35	12.90	13.62	13.25	8.85	11.17	13.27	8.17	10.61
10	13.55	10.77	11.91	14.43	12.89	13.59	13.04	8.76	10.79	13.28	8.15	10.62
11	13.86	10.75	12.28	13.95	12.45	13.11	13.02	8.71	10.54	13.71	8.35	10.88
12	13.42	10.54	11.89	14.02	12.07	13.01	13.16	8.68	10.62	13.71	8.28	11.02
13	13.32	10.39	11.77	13.99	11.58	12.75	13.09	8.66	10.64	13.65	8.49	11.17
14	12.98	10.25	11.43	13.79	11.17	12.19	12.84	8.61	10.20	13.84	8.37	11.11
15	12.99	10.09	11.32	13.45	10.87	11.95	12.93	8.57	10.45	13.43	8.23	10.62
16	12.74	9.99	11.09	12.99	10.63	11.49	12.93	8.53	10.15	12.90	8.01	9.94
17	12.78	9.93	11.21	12.88	10.41	11.50	12.23	8.47	9.99	12.59	8.11	10.25
18	12.91	9.95	11.28	12.88	10.15	11.11	12.67	8.45	10.27	12.88	8.27	10.77
19	12.93	10.02	11.50	12.23	9.97	10.77	12.78	8.36	10.41	13.47	8.58	11.52
20	13.21	10.01	11.59	12.69	9.82	10.99	12.61	8.32	10.24	13.97	8.73	11.84
21	13.35	9.99	11.50	12.86	9.70	11.12	12.73	8.27	10.36	14.27	8.75	11.98
22	13.27	9.95	11.78	12.58	9.61	10.89	13.35	8.27	10.81	14.73	8.95	12.23
23	14.05	9.94	12.00	12.89	9.57	11.20	14.21	8.55	11.57	14.51	8.71	12.12
24	13.21	9.77	11.20	13.27	9.48	11.43	13.95	8.43	11.47	14.43	8.40	11.61
25	13.81	9.67	11.56	13.30	9.43	11.34	13.83	8.20	10.87	14.21	8.29	11.39
26	13.66	9.49	11.53	14.23	9.43	11.62	13.87	8.17	10.70	14.21	8.23	11.12
27	13.82	9.41	11.62	14.27	9.39	12.01	13.87	8.19	10.78	13.92	8.11	10.73
28	13.93	9.29	11.67	14.21	9.21	11.56	13.85	8.17	10.78	13.95	8.74	11.60
29	---	---	---	13.72	9.25	11.14	13.67	8.13	10.63	14.19	8.59	11.59
30	---	---	---	13.68	9.18	11.16	13.45	8.15	10.58	13.75	8.70	11.43
31	---	---	---	13.95	9.11	11.34	---	---	---	13.89	8.65	11.56
MONTH	14.05	9.29	11.68	14.43	9.11	12.02	14.21	8.13	10.70	14.73	8.01	11.06
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.21	8.43	11.02	13.05	10.77	11.67	13.88	12.34	12.97	13.10	10.70	11.83
2	12.74	8.13	10.51	12.97	10.73	11.71	14.26	12.60	13.37	13.52	10.18	11.66
3	13.18	8.09	10.61	13.13	10.61	11.72	14.50	12.96	13.65	14.02	9.96	12.05
4	13.26	8.45	11.11	13.26	10.65	11.76	14.82	13.42	14.01	14.34	9.88	12.21
5	13.11	8.31	10.81	13.55	10.85	11.99	14.92	13.80	14.26	14.44	9.86	12.42
6	13.23	8.23	10.71	13.82	11.39	12.36	15.16	13.67	14.27	14.19	9.68	12.33
7	13.17	8.26	10.67	13.94	11.73	12.62	15.10	13.38	14.26	14.06	9.50	12.03
8	13.12	8.05	10.31	13.82	12.03	12.77	15.06	12.89	13.96	14.16	9.34	12.17
9	13.83	8.18	10.55	13.70	11.80	12.59	14.97	12.36	13.74	14.21	10.00	12.95
10	13.93	8.33	11.17	13.60	11.37	12.33	14.61	11.67	13.20	14.33	11.55	13.04
11	13.93	8.28	11.02	13.59	10.95	12.03	14.10	11.35	12.82	14.10	11.43	12.74
12	13.51	8.23	10.74	13.48	10.57	11.85	13.82	11.18	12.47	14.10	11.24	12.62
13	13.30	8.22	10.64	13.35	10.21	11.58	13.74	11.05	12.31	13.94	11.08	12.51
14	13.31	8.35	10.77	13.15	9.89	11.36	13.60	10.80	12.16	13.71	11.18	12.35
15	13.18	8.63	11.01	12.95	9.62	11.15	13.28	10.49	11.75	13.76	11.15	12.37
16	13.03	8.97	11.00	12.95	9.37	10.95	14.14	10.32	12.10	13.92	10.92	12.40
17	13.17	9.05	11.22	13.42	9.26	11.16	14.20	11.98	13.37	13.64	10.48	12.18
18	13.67	8.93	11.39	13.67	9.05	11.23	13.90	11.86	12.69	13.28	10.05	11.70
19	13.90	8.75	11.37	14.07	9.24	11.52	14.22	12.26	13.03	13.98	9.98	11.95
20	13.89	8.57	11.14	14.07	9.08	11.51	15.19	12.46	13.59	14.14	9.97	12.33
21	14.05	8.50	11.10	14.10	9.10	11.43	15.12	13.20	14.00	14.02	9.74	12.16
22	14.05	8.79	11.35	13.93	8.89	11.29	14.73	13.46	14.04	13.88	9.54	11.97
23	13.85	8.89	11.18	13.84	8.85	11.19	14.65	13.48	14.08	13.40	9.34	11.51
24	13.64	8.93	10.78	13.84	8.77	11.25	14.72	13.58	14.18	13.57	9.63	11.83
25	13.64	8.87	10.74	13.63	8.81	11.17	14.90	13.87	14.40	13.60	10.88	12.24
26	13.33	8.85	10.58	13.07	8.71	10.81	14.94	14.08	14.47	13.77	11.29	12.50
27	13.41	8.89	11.00	12.86	8.85	10.73	14.68	13.76	14.23	13.86	12.62	13.22
28	13.38	9.69	11.27	12.95	9.45	11.26	14.35	13.30	13.84	14.04	12.99	13.42
29	13.00	10.39	11.45	13.00	10.78	11.77	13.88	12.62	13.34	14.59	13.20	13.82
30	12.95	10.59	11.64	13.82	11.36	12.62	13.54	11.94	12.77	14.75	13.58	14.13
31	---	---	---	13.62	12.33	12.99	13.44	11.31	12.34	---	---	---
MONTH	14.05	8.05	10.96	14.10	8.71	11.69	15.19	10.32	13.41	14.75	9.34	12.42
YEAR	15.64	7.95	11.47									

ASHLEY RIVER BASIN

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°50'04'', long 80°01'26'', Charleston County, Hydrologic Unit 03050202, on downstream side of bridge on Interstate 526, 1.5 mi south of North Charleston, and at mile 9.8.

DRAINAGE AREA.--Undetermined.

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

GAGE.--Data collection platform. Datum of gage is 7.58 ft below sea level.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.37 ft, May 22, 1994; minimum gage height, unknown, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.37 ft, May 22; minimum gage height, 2.78 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.40	5.69	8.97	10.28	4.07	7.54	12.07	5.84	9.03	11.38	4.77	8.19
2	11.52	5.89	8.81	11.06	5.02	8.24	12.20	5.86	9.07	11.20	4.69	8.01
3	11.22	5.45	8.54	11.22	5.56	8.36	11.92	5.68	8.87	11.72	5.28	8.82
4	11.26	5.76	8.63	11.06	5.66	8.29	11.76	5.84	8.82	11.47	3.69	6.92
5	11.30	5.97	8.71	10.98	5.83	8.29	11.00	3.88	7.61	10.54	4.46	7.41
6	11.68	6.62	9.24	10.88	5.68	8.04	10.87	5.10	7.92	10.84	4.64	7.86
7	12.08	6.90	9.58	11.26	5.60	8.42	11.17	5.55	8.41	11.14	4.15	7.87
8	11.47	6.33	8.98	11.22	5.92	8.78	11.52	5.06	8.57	11.04	3.89	7.53
9	11.07	5.76	8.48	11.50	5.22	8.79	11.77	4.93	8.65	11.20	3.94	8.00
10	11.20	5.56	8.47	11.73	4.99	8.82	12.07	4.30	8.74	11.34	4.11	8.29
11	11.75	5.94	9.09	12.26	5.14	9.19	11.12	3.93	7.92	11.69	4.47	8.28
12	11.92	5.42	9.14	12.64	5.03	9.10	11.83	3.69	8.39	11.62	4.22	8.10
13	12.26	5.19	9.24	12.62	4.56	8.74	12.50	4.62	8.93	11.58	4.36	8.24
14	12.53	5.28	9.35	12.21	3.87	8.33	12.82	5.02	9.15	10.78	4.00	7.64
15	12.91	5.10	9.41	12.11	3.99	8.19	11.80	4.33	8.23	9.70	3.44	6.57
16	13.20	5.26	9.56	11.77	4.28	8.12	11.40	4.34	8.17	10.64	4.86	7.70
17	12.79	4.99	9.06	11.64	4.79	8.23	11.94	5.71	8.89	10.66	5.35	8.22
18	12.24	4.98	8.72	11.10	4.86	8.07	11.68	5.84	8.89	10.00	4.32	7.16
19	12.12	5.30	8.85	11.46	5.98	8.66	11.11	5.97	8.65	9.84	5.61	7.58
20	11.86	5.66	8.77	10.66	5.56	8.12	10.90	6.39	8.82	9.83	5.68	7.84
21	11.30	5.45	8.45	11.00	6.50	8.84	10.83	5.24	7.82	10.08	5.69	7.81
22	11.37	5.59	8.65	11.10	6.48	8.96	9.96	5.58	8.06	10.32	5.05	7.70
23	11.60	6.77	9.39	11.22	6.36	9.04	10.68	5.40	8.05	10.46	4.79	7.75
24	11.52	6.42	9.46	11.40	5.94	9.03	10.84	4.72	8.07	10.58	4.54	7.72
25	11.66	6.84	9.60	11.46	6.51	9.33	10.36	2.80	7.39	10.08	4.54	7.64
26	11.83	6.12	9.37	11.96	6.61	9.52	9.41	2.78	6.79	11.08	4.20	7.93
27	11.40	6.02	8.98	12.13	6.31	9.45	9.90	3.56	7.09	11.88	4.45	8.77
28	11.26	5.82	8.79	11.41	5.30	8.42	10.54	3.88	7.53	12.10	4.80	8.54
29	11.62	5.93	9.07	11.38	4.73	8.41	11.04	4.02	7.86	11.26	3.82	7.86
30	12.77	6.11	9.30	11.66	5.10	8.73	11.20	3.94	7.92	11.66	4.26	8.25
31	10.67	4.34	7.61	---	---	---	11.34	4.44	8.12	11.42	4.42	8.30
MONTH	13.20	4.34	8.98	12.64	3.87	8.60	12.82	2.78	8.27	12.10	3.44	7.89

ASHLEY RIVER BASIN

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.27	4.48	7.99	12.09	4.49	8.46	11.57	4.97	8.27	11.15	4.77	7.91
2	11.12	4.57	7.85	12.09	3.59	8.42	11.31	5.12	8.13	10.73	4.71	8.17
3	10.94	4.76	7.82	10.82	3.83	7.42	11.01	5.19	7.99	11.29	6.03	9.04
4	10.72	4.96	7.82	10.91	4.85	7.74	10.43	4.97	7.97	11.25	5.91	8.73
5	11.02	4.80	8.00	10.79	5.25	8.11	10.91	5.43	8.40	10.93	5.47	8.39
6	10.95	4.50	8.06	11.59	5.76	8.81	10.89	5.03	8.31	10.87	5.36	8.41
7	11.20	4.49	8.15	11.45	5.27	8.63	10.61	4.50	7.83	10.77	4.95	8.11
8	11.24	4.49	8.25	11.11	5.08	8.39	11.41	4.85	8.62	10.67	4.33	7.82
9	10.92	4.10	7.65	11.37	5.00	8.64	11.22	4.94	8.52	11.27	5.23	8.41
10	11.36	3.82	8.19	11.45	5.05	8.51	10.97	4.73	8.14	11.29	5.20	8.38
11	11.78	5.38	8.70	11.19	3.77	8.00	10.89	4.59	7.86	11.77	5.66	8.74
12	11.30	4.75	8.34	11.55	5.03	8.60	11.12	5.11	8.11	11.43	5.59	8.71
13	11.12	5.06	8.25	11.44	5.00	8.58	10.65	4.67	7.96	11.94	5.57	8.96
14	10.87	5.26	8.17	11.15	4.64	8.02	10.69	4.63	7.58	11.45	5.90	8.74
15	10.55	5.14	8.02	10.63	4.91	8.08	10.78	5.11	8.01	11.11	5.25	8.19
16	10.60	5.56	7.93	10.57	4.86	7.69	10.54	5.03	7.61	10.41	4.79	7.62
17	10.60	6.20	8.38	10.55	5.76	8.16	10.37	5.48	7.65	10.64	5.21	8.03
18	10.78	6.62	8.59	10.47	5.61	7.83	10.43	5.31	7.92	10.87	5.48	8.52
19	10.84	6.73	8.76	10.24	5.73	7.65	10.59	5.42	7.98	11.52	6.07	9.05
20	11.12	6.34	8.73	10.51	6.05	8.09	10.39	4.85	7.68	12.13	6.37	9.47
21	11.24	5.56	8.54	10.65	5.82	8.19	10.51	4.81	7.84	12.53	6.04	9.67
22	11.18	6.27	8.98	10.21	5.29	7.92	11.37	4.58	8.42	13.37	5.89	9.97
23	12.04	4.82	9.00	10.83	5.08	8.31	12.37	5.27	9.25	13.02	5.23	9.59
24	11.20	3.57	7.74	11.21	4.75	8.46	12.11	4.39	8.75	12.90	4.61	9.05
25	11.84	3.76	8.44	11.26	3.98	8.14	12.01	3.59	8.13	12.55	4.23	8.72
26	11.72	4.02	8.28	12.45	3.78	8.72	12.07	3.39	7.93	12.11	4.22	8.38
27	12.02	4.47	8.58	12.43	4.51	8.93	12.02	3.78	7.97	12.13	4.20	8.10
28	12.00	4.36	8.55	11.79	3.72	8.22	11.76	3.96	7.99	12.47	5.33	9.07
29	---	---	---	11.79	3.13	7.75	11.47	4.31	7.89	12.47	5.75	9.00
30	---	---	---	12.06	4.03	7.99	11.47	4.71	7.98	11.83	5.93	9.00
31	---	---	---	12.01	4.47	8.28	---	---	---	11.79	6.16	8.97
MONTH	12.04	3.57	8.28	12.45	3.13	8.22	12.37	3.39	8.09	13.37	4.20	8.67
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN

ASHLEY RIVER BASIN

02172090 ASHLEY RIVER AT CHARLESTON, SC

LOCATION.--Lat 32°47'00'', long 79°57'39'', Charleston County, Hydrologic Unit 03050202, on downstream side of bridge on U.S. Highway 17, 0.5 mi west of Charleston, and at mile 2.2.

DRAINAGE AREA.--Undetermined.

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

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

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.56 ft, May 22, 1994; minimum gage height, unknown, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.56 ft, May 22; minimum gage height, 5.43 ft, Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.62	8.29	11.24	12.55	6.66	9.89	14.29	8.42	11.31	13.59	7.29	10.46
2	13.71	8.43	11.08	13.28	7.61	10.56	14.43	8.48	11.34	13.39	7.23	10.30
3	13.47	8.03	10.83	13.46	8.14	10.67	14.12	8.22	11.14	13.95	7.89	11.09
4	13.49	8.36	10.93	13.26	8.19	10.60	13.95	8.37	11.08	13.37	6.27	9.23
5	13.53	8.52	11.02	13.20	8.36	10.59	13.13	6.51	9.91	12.60	7.03	9.74
6	13.92	9.02	11.56	13.11	8.16	10.36	13.04	7.66	10.24	12.99	7.15	10.14
7	14.32	9.47	11.90	13.47	8.16	10.75	13.37	8.14	10.71	13.33	6.72	10.13
8	14.14	9.07	11.54	13.45	8.46	11.07	13.73	7.63	10.83	13.26	6.41	9.81
9	13.73	8.79	11.25	13.75	7.77	11.05	13.97	7.50	10.89	13.43	6.67	10.27
10	13.79	8.59	11.23	13.99	7.56	11.06	14.28	6.88	10.95	13.55	6.65	10.56
11	14.17	8.77	11.61	14.48	7.56	11.39	13.41	6.32	10.23	13.91	7.03	10.55
12	14.35	8.15	11.55	14.86	7.52	11.30	14.06	6.32	10.66	13.83	6.71	10.32
13	14.65	7.92	11.63	14.84	7.08	10.94	14.73	7.19	11.19	13.75	6.93	10.50
14	14.91	7.97	11.74	14.42	6.40	10.54	15.03	7.58	11.37	12.99	6.57	9.94
15	15.23	7.81	11.70	14.31	6.54	10.42	14.03	6.92	10.50	11.89	6.07	8.92
16	15.40	7.75	11.77	13.95	6.84	10.38	13.63	7.01	10.49	12.77	7.43	10.01
17	15.01	7.49	11.27	13.84	7.32	10.49	14.15	8.29	11.16	12.77	7.93	10.45
18	14.46	7.53	10.96	13.28	7.39	10.36	13.88	8.41	11.16	12.07	6.95	9.54
19	14.34	7.88	11.11	13.71	8.54	11.00	13.33	8.51	10.95	12.02	8.07	9.91
20	14.05	8.25	11.11	12.84	8.10	10.45	13.11	8.95	11.13	12.03	8.16	10.17
21	13.52	8.04	10.74	13.22	9.02	11.16	13.05	7.89	10.18	12.25	8.17	10.13
22	13.59	8.22	10.97	13.34	9.03	11.27	12.21	8.15	10.39	12.49	7.64	10.02
23	13.85	9.37	11.70	13.49	8.95	11.34	12.91	7.89	10.40	12.59	7.37	10.05
24	13.79	9.01	11.75	13.65	8.54	11.33	12.99	7.33	10.36	12.71	7.09	10.00
25	13.90	9.41	11.89	13.71	9.21	11.61	12.51	5.43	9.68	12.94	6.85	10.04
26	14.05	8.74	11.67	14.19	8.97	11.79	11.61	5.53	9.13	13.29	6.75	10.21
27	13.66	8.51	11.26	14.34	8.51	11.71	11.96	6.19	9.40	14.09	7.05	11.06
28	13.48	8.44	11.10	13.64	7.93	10.72	12.69	6.43	9.82	14.33	7.31	10.75
29	13.87	8.51	11.37	13.61	7.31	10.70	13.21	6.61	10.15	13.44	6.42	10.10
30	14.91	8.56	11.54	13.89	7.69	11.01	13.41	6.55	10.24	13.91	6.80	10.52
31	12.98	7.01	9.95	---	---	---	13.55	7.03	10.39	13.59	6.95	10.50
MONTH	15.40	7.01	11.32	14.86	6.40	10.88	15.03	5.43	10.56	14.33	6.07	10.17

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.27	7.02	10.24	14.09	7.21	10.67	13.74	7.55	10.52	13.34	7.32	10.17
2	13.32	7.16	10.12	13.91	6.37	10.59	13.50	7.73	10.38	12.89	7.30	10.45
3	13.08	7.27	10.10	12.97	6.71	9.78	13.16	7.77	10.24	13.47	8.60	11.30
4	12.89	7.49	10.10	12.93	7.42	10.14	12.54	7.59	10.26	13.46	8.50	11.02
5	13.21	7.39	10.24	12.90	7.80	10.56	13.08	7.97	10.70	13.10	8.02	10.68
6	13.10	7.08	10.31	13.79	8.30	11.05	13.02	7.59	10.56	13.06	7.88	10.67
7	13.39	7.07	10.40	13.65	7.82	10.86	12.76	7.10	10.11	12.96	7.52	10.39
8	13.43	7.03	10.49	13.28	7.64	10.63	13.60	7.53	10.88	12.79	6.98	10.12
9	13.05	6.65	9.91	13.47	7.58	10.84	13.42	7.51	10.76	13.48	7.75	10.68
10	13.53	6.38	10.46	13.56	7.04	10.69	13.13	7.24	10.39	13.52	7.75	10.61
11	13.95	7.94	10.93	13.30	6.30	10.31	13.04	7.09	10.12	14.00	8.20	11.03
12	13.45	7.34	10.62	13.81	7.74	10.96	13.29	7.60	10.38	13.67	8.17	10.99
13	13.30	7.57	10.52	13.63	7.61	10.92	12.80	7.24	10.22	14.15	8.15	11.24
14	13.03	7.73	10.48	13.34	7.30	10.36	12.87	7.17	9.86	13.68	8.43	11.00
15	12.68	7.67	10.31	12.81	7.56	10.41	12.96	7.65	10.28	12.95	7.75	10.46
16	12.69	8.11	10.24	12.71	7.48	10.01	12.46	7.55	9.90	12.59	7.36	9.93
17	12.85	8.69	10.69	12.71	8.25	10.46	12.54	7.97	9.96	12.90	7.75	10.34
18	12.94	9.09	10.81	12.58	8.10	10.12	12.56	7.79	10.20	13.09	8.05	10.81
19	13.00	9.17	11.06	12.51	8.13	9.97	12.74	7.94	10.26	13.73	8.59	11.31
20	13.34	8.85	11.03	12.68	8.59	10.40	12.56	7.40	9.96	14.38	8.91	11.72
21	13.45	8.13	10.82	12.81	8.27	10.48	12.63	7.35	10.10	14.79	8.61	11.90
22	13.36	8.79	11.25	12.37	7.90	10.23	13.59	7.16	10.66	15.56	8.47	12.17
23	14.05	7.52	11.19	13.03	7.68	10.57	14.56	7.84	11.45	15.22	7.77	11.79
24	13.23	6.41	10.07	13.38	7.30	10.68	14.31	6.92	10.94	15.08	7.15	11.27
25	13.84	6.58	10.70	13.41	6.51	10.38	14.18	6.09	10.35	14.74	6.77	10.92
26	13.72	6.79	10.54	14.60	6.39	10.95	14.24	5.90	10.15	14.33	6.72	10.59
27	14.03	7.17	10.81	14.57	6.91	11.07	14.21	6.29	10.19	14.34	6.77	10.36
28	14.01	7.05	10.75	13.96	6.22	10.39	13.96	6.51	10.21	14.69	7.83	11.31
29	---	---	---	13.97	5.78	9.98	13.69	6.83	10.13	14.43	8.28	11.01
30	---	---	---	14.23	6.55	10.23	13.59	7.27	10.22	14.05	8.52	11.24
31	---	---	---	13.78	7.04	10.51	---	---	---	14.19	8.71	11.32
MONTH	14.05	6.38	10.54	14.60	5.78	10.49	14.56	5.90	10.34	1		

ASHLEY RIVER BASIN

02172091 WAPPOO CREEK AT JAMES ISLAND, SC

LOCATION.--Lat 32°46'02'', long 79°58'27'', Charleston County, Hydrologic Unit 03050202, on downstream side of bridge on State Road 171, 0.3 mi north of James Island, and at mile 1.2.

DRAINAGE AREA.--Indeterminate.

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

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

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.08 ft, May 22, 1994; minimum gage height, 4.28 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.08 ft, May 22; minimum gage height, 6.06 ft, Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	14.26	9.00	11.89	13.16	7.29	10.52	14.84	9.16	11.94	14.20	8.00	11.09
2	14.36	9.12	11.73	13.86	8.26	11.19	15.00	9.16	11.97	14.01	7.88	10.92
3	14.08	8.74	11.47	14.06	8.84	11.30	14.68	8.92	11.77	14.53	8.60	11.72
4	14.10	9.04	11.56	13.88	8.81	11.25	14.52	9.10	11.72	13.98	6.87	9.88
5	14.13	9.18	11.64	13.82	9.06	11.23	13.78	7.24	10.56	13.20	7.67	10.36
6	14.50	9.68	12.18	13.68	8.78	11.00	13.62	8.30	10.87	13.60	7.74	10.76
7	14.90	10.16	12.52	14.06	8.74	11.38	13.96	8.80	11.34	13.94	7.36	10.76
8	14.29	9.60	11.92	14.06	9.12	11.69	14.32	8.34	11.48	13.86	7.02	10.45
9	13.90	9.02	11.43	14.34	8.46	11.68	14.55	8.23	11.53	14.04	7.29	10.89
10	13.96	8.76	11.40	14.54	8.25	11.69	14.84	7.64	11.60	14.14	7.34	11.19
11	14.60	9.30	12.00	15.04	8.26	12.01	14.03	7.08	10.89	14.50	7.70	11.19
12	14.74	8.70	12.00	15.42	8.26	11.93	14.62	7.07	11.30	14.43	7.40	10.94
13	15.03	8.44	12.07	15.40	7.78	11.57	15.30	7.84	11.82	14.36	7.58	11.12
14	15.28	8.50	12.17	14.98	7.13	11.18	15.60	8.32	12.04	13.60	7.22	10.57
15	15.66	8.34	12.25	14.88	7.24	11.07	14.62	7.61	11.15	12.56	6.70	9.56
16	15.93	8.53	12.41	14.54	7.52	11.02	14.22	7.68	11.11	13.42	8.01	10.65
17	15.54	8.22	11.91	14.42	8.04	11.13	14.70	8.94	11.78	13.44	8.58	11.10
18	15.04	8.29	11.68	13.88	8.06	10.99	14.47	9.10	11.78	12.70	7.62	10.19
19	14.92	8.60	11.74	14.32	9.20	11.64	13.93	9.16	11.58	12.66	8.68	10.54
20	14.64	9.00	11.78	13.46	8.74	11.08	13.74	9.58	11.75	12.68	8.75	10.79
21	14.12	8.71	11.38	13.84	9.74	11.86	13.70	8.50	10.81	12.90	8.78	10.76
22	14.18	8.88	11.60	13.96	9.65	11.90	12.87	8.76	11.01	13.11	8.25	10.65
23	14.43	10.06	12.32	14.08	9.70	11.99	13.52	8.46	11.01	13.20	7.98	10.68
24	14.37	9.76	12.38	14.24	9.22	11.96	13.60	7.95	10.99	13.32	7.72	10.63
25	14.50	10.10	12.51	14.30	9.80	12.24	13.14	6.06	10.32	13.59	7.54	10.68
26	14.62	9.46	12.30	14.78	9.76	12.41	12.28	6.10	9.76	13.92	7.40	10.84
27	14.24	9.24	11.90	14.90	9.24	12.33	12.62	6.80	10.03	14.70	7.72	11.67
28	14.08	9.10	11.73	14.24	8.66	11.36	13.34	7.06	10.45	14.94	8.00	11.38
29	14.46	9.14	11.99	14.20	8.02	11.32	13.85	7.26	10.77	14.06	7.14	10.75
30	15.52	9.28	12.17	14.46	8.36	11.63	14.04	7.20	10.86	14.50	7.46	11.13
31	13.60	7.64	10.60	---	---	---	14.16	7.68	11.02	14.20	7.64	11.14
MONTH	15.93	7.64	11.89	15.42	7.13	11.52	15.60	6.06	11.19	14.94	6.70	10.81
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN

ASHLEY RIVER BASIN

02172091 WAPPOO CREEK AT JAMES ISLAND, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.92	7.68	10.86	14.83	7.72	11.30	14.36	8.22	11.16	13.97	8.02	10.81
2	13.92	7.90	10.76	14.70	6.90	11.22	14.12	8.40	11.02	13.53	7.98	11.09
3	13.66	7.86	10.72	13.70	7.16	10.36	13.76	8.44	10.88	14.08	9.30	11.92
4	13.50	8.06	10.72	13.64	8.04	10.74	13.18	8.22	10.89	14.07	9.14	11.64
5	13.82	8.02	10.87	13.51	8.40	11.17	13.66	8.62	11.29	13.70	8.66	11.30
6	13.68	7.70	10.93	14.40	8.92	11.67	13.65	8.24	11.20	13.68	8.54	11.30
7	13.98	7.72	11.01	14.25	8.46	11.48	13.38	7.77	10.77	13.60	8.18	11.03
8	14.04	7.71	11.09	13.90	8.26	11.26	14.20	8.16	11.50	13.40	7.66	10.84
9	13.66	7.30	10.50	14.08	8.26	11.46	14.04	8.20	11.40	14.10	8.44	11.31
10	14.12	7.02	11.06	14.18	7.82	11.32	13.76	7.90	11.02	14.12	8.48	11.34
11	14.52	8.58	11.54	13.92	6.96	10.92	13.64	7.76	10.76	14.58	8.89	11.65
12	14.05	8.02	11.22	14.30	8.26	11.46	13.92	8.26	11.01	14.26	8.82	11.62
13	13.88	8.22	11.14	14.20	8.24	11.42	13.42	7.94	10.86	14.74	8.84	11.86
14	13.62	8.32	11.08	13.88	7.86	10.93	13.50	7.86	10.50	14.27	9.10	11.63
15	13.30	8.30	10.92	13.38	8.15	10.98	13.60	8.32	10.91	13.62	8.42	11.10
16	13.32	8.70	10.85	13.34	8.12	10.64	13.12	8.14	10.54	13.28	8.04	10.57
17	13.43	9.28	11.30	13.36	8.89	11.10	13.16	8.56	10.59	13.47	8.40	10.96
18	13.55	9.68	11.44	13.28	8.72	10.77	13.18	8.44	10.84	13.70	8.72	11.46
19	13.64	9.78	11.68	13.12	8.74	10.61	13.40	8.56	10.90	14.32	9.28	11.95
20	13.96	9.44	11.65	13.32	9.23	11.04	13.20	8.04	10.61	14.98	9.58	12.34
21	14.06	8.79	11.45	13.46	8.90	11.13	13.26	7.98	10.75	15.35	9.28	12.52
22	13.96	9.42	11.86	13.04	8.55	10.87	14.16	7.81	11.29	16.08	9.18	12.79
23	14.78	8.04	11.83	13.66	8.34	11.22	15.14	8.52	12.06	15.78	8.48	12.41
24	13.96	6.82	10.67	14.00	7.98	11.32	14.88	7.62	11.57	15.66	7.88	11.91
25	14.58	7.02	11.30	14.02	7.21	11.03	14.76	6.80	10.99	15.32	7.48	11.58
26	14.46	7.24	11.16	15.16	7.10	11.57	14.82	6.62	10.79	14.94	7.39	11.24
27	14.79	7.70	11.44	15.16	7.66	11.71	14.79	6.98	10.83	14.90	7.42	11.00
28	14.76	7.54	11.38	14.54	6.94	11.04	14.54	7.20	10.85	15.24	8.54	11.93
29	---	---	---	14.54	6.54	10.64	14.30	7.52	10.77	15.08	9.00	11.84
30	---	---	---	14.82	7.28	10.86	14.24	7.98	10.86	14.64	9.22	11.87
31	---	---	---	14.44	7.70	11.15	---	---	---	14.79	9.41	11.96
MONTH	14.79	6.82	11.16	15.16	6.54	11.11	15.14	6.62	10.98	16.08	7.39	11.57
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	14.03	9.00	11.54	13.40	8.18	10.88	13.64	8.96	11.34	13.60	8.51	11.13
2	13.42	8.43	11.10	13.40	8.58	11.12	14.07	9.26	11.68	14.22	8.58	11.37
3	13.90	8.45	11.42	13.51	8.64	11.10	14.00	9.00	11.58	14.81	8.94	12.06
4	14.05	9.20	11.77	13.68	8.76	11.16	14.10	8.60	11.42	15.26	9.02	12.42
5	13.89	8.82	11.49	13.70	8.48	11.11	14.18	8.14	11.30	15.38	9.08	12.41
6	14.04	8.68	11.40	14.14	8.48	11.26	14.90	8.23	11.56	15.07	8.47	12.12
7	14.02	8.40	11.32	14.15	8.21	11.28	15.08	8.81	12.10	14.91	8.42	11.87
8	13.90	8.11	10.96	13.99	7.85	11.02	15.32	8.94	12.18	15.04	8.34	11.88
9	14.75	8.34	11.43	13.96	7.54	10.78	15.06	9.16	12.26	15.00	8.66	11.83
10	14.56	8.58	11.70	14.00	7.58	10.71	14.68	8.70	11.86	14.66	8.50	11.61
11	14.37	8.53	11.40	14.00	7.76	10.80	14.34	8.32	11.51	14.56	8.48	11.58
12	14.13	8.59	11.27	13.98	7.63	10.88	14.28	8.30	11.32	14.63	8.52	11.65
13	14.14	8.61	11.23	13.76	7.86	10.89	14.20	8.50	11.26	14.46	8.92	11.75
14	14.03	8.58	11.29	13.64	7.91	10.85	14.06	8.08	11.12	14.19	8.52	11.41
15	14.02	8.62	11.29	13.58	7.56	10.66	13.84	7.72	10.83	14.30	8.50	11.48
16	13.78	8.37	11.24	13.70	7.58	10.63	14.18	8.34	11.15	14.56	8.52	11.68
17	13.96	8.38	11.30	14.15	7.78	11.03	14.02	7.78	10.99	14.32	8.34	11.61
18	14.45	8.26	11.50	14.44	7.76	11.16	13.96	7.32	10.69	13.98	8.20	11.28
19	14.78	8.16	11.55	14.53	7.96	11.30	14.26	7.28	10.89	14.78	7.86	11.89
20	14.81	7.76	11.42	14.87	7.64	11.43	14.36	7.54	11.10	14.96	9.35	12.37
21	15.03	7.58	11.43	14.94	7.48	11.31	13.88	7.54	10.86	14.88	9.60	12.30
22	15.03	7.51	11.37	14.80	7.38	11.20	14.02	7.60	10.96	14.74	9.34	12.10
23	14.86	7.44	11.16	14.64	7.70	11.23	14.16	7.94	11.35	14.16	9.12	11.70
24	14.48	7.14	10.74	14.40	7.92	11.28	14.04	8.52	11.54	14.26	9.30	11.84
25	14.10	7.12	10.42	13.87	8.06	11.16	13.99	8.80	11.54	14.14	9.74	11.83
26	14.12	6.88	10.50	13.42	7.88	10.78	13.78	8.82	11.33	14.12	9.62	11.79
27	13.72	7.62	10.63	13.26	7.76	10.62	13.48	8.92	11.22	13.55	9.39	11.40
28	13.60	7.52	10.67	13.24	7.90	10.69	13.62	8.93	11.31	13.48	9.10	11.22
29	13.30	8.10	10.53	13.08	8.36	10.78	13.40	8.92	11.24	14.02	9.30	11.59
30	13.10	7.74	10.74	13.16	8.22	10.79	13.39	8.90	11.12	14.23	9.62	11.94
31	---	---	---	13.30	8.60	11.11	13.76	9.00	11.30	---	---	---
MONTH	15.03	6.88	11.19	14.94	7.38	11.00	15.32	7.28	11.35	15.38	7.86	11.76
YEAR	16.08	6.06	11.30									

CHARLESTON HARBOR

02172095 AIW AT SULLIVANS ISLAND, SC

LOCATION.--Lat 32°46'22'', long 79°50'33'', Charleston County, Hydrologic Unit 03050201, on right bank between upstream and downstream piers at SC Highway 703, and 0.8 mi north of Sullivans Island.

DRAINAGE AREA.--Indeterminate.

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

GAGE.--Data collection platform. Datum of gage is 7.89 ft below sea level.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.55 ft, May 22, 1994; minimum gage height, 2.15 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.55 ft, May 22; minimum gage height, 3.65 ft, Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.44	6.26	9.07	10.27	4.75	7.74	12.09	6.39	9.12	11.35	5.30	8.35
2	11.55	6.46	8.90	11.03	5.57	8.36	12.25	6.49	9.13	11.13	5.27	8.24
3	11.26	6.06	8.65	11.21	6.11	8.46	11.93	6.13	8.92	11.75	5.83	8.89
4	11.27	6.38	8.75	10.99	6.17	8.40	11.71	6.37	8.87	11.03	4.31	7.14
5	11.30	6.56	8.83	10.93	6.37	8.39	10.89	4.57	7.77	10.25	5.07	7.55
6	11.75	7.04	9.42	10.85	6.16	8.20	10.72	5.63	8.04	10.72	5.12	7.91
7	12.22	7.58	9.78	11.21	6.19	8.56	11.10	6.11	8.50	11.06	4.71	7.90
8	11.50	6.92	9.15	11.17	6.45	8.86	11.46	5.59	8.59	11.03	4.38	7.60
9	11.05	6.38	8.63	11.53	5.79	8.83	11.75	5.47	8.62	11.17	4.59	8.02
10	11.14	6.18	8.61	11.75	5.53	8.83	12.09	4.85	8.69	11.30	4.67	8.34
11	11.88	6.64	9.22	12.32	5.51	9.15	11.19	4.30	8.06	11.73	4.99	8.36
12	12.04	5.96	9.19	12.75	5.11	9.07	11.87	4.33	8.45	11.65	4.61	8.10
13	12.34	5.68	9.26	12.71	4.95	8.71	12.61	5.15	8.98	11.55	4.85	8.29
14	12.68	5.75	9.38	12.27	4.34	8.33	12.93	5.43	9.16	10.74	4.57	7.76
15	13.10	5.52	9.46	12.13	4.48	8.21	11.91	4.91	8.33	9.67	4.11	6.79
16	13.38	5.68	9.62	11.74	4.80	8.16	11.41	5.00	8.30	10.49	5.31	7.81
17	12.98	5.34	9.12	11.60	5.23	8.27	11.95	6.25	8.95	10.57	5.93	8.28
18	12.36	5.50	8.79	11.01	5.35	8.15	11.67	6.35	8.96	9.73	5.00	7.39
19	12.21	5.88	8.94	11.53	6.53	8.80	11.05	6.51	8.74	9.74	5.93	7.72
20	11.92	6.27	8.93	10.55	6.13	8.26	10.82	6.86	8.90	9.71	6.05	7.97
21	11.30	6.06	8.57	10.96	7.01	8.95	10.85	5.91	8.02	9.95	6.11	7.92
22	11.38	6.18	8.81	11.09	7.03	9.09	9.93	6.05	8.19	10.15	5.63	7.81
23	11.70	7.38	9.55	11.23	6.95	9.16	10.70	5.87	8.23	10.25	5.35	7.82
24	11.63	7.08	9.60	11.43	6.53	9.13	10.69	5.37	8.14	10.38	5.03	7.77
25	11.77	7.44	9.73	11.49	7.17	9.40	10.23	3.65	7.52	10.65	4.71	7.80
26	11.92	6.73	9.51	12.03	6.85	9.58	9.33	3.65	6.97	11.03	4.69	7.98
27	11.41	6.55	9.07	12.16	6.23	9.50	9.66	4.17	7.20	11.93	4.93	8.85
28	11.25	6.42	8.94	11.43	5.81	8.54	10.42	4.37	7.62	12.23	5.20	8.55
29	11.67	6.51	9.18	11.41	5.27	8.50	11.05	4.55	7.95	11.17	4.35	7.89
30	12.83	6.59	9.35	11.67	5.67	8.80	11.17	4.53	8.06	11.67	4.66	8.30
31	10.79	5.11	7.83	---	---	---	11.32	4.91	8.17	11.35	4.85	8.26
MONTH	13.38	5.11	9.09	12.75	4.34	8.68	12.93	3.65	8.36	12.23	4.11	7.98

CHARLESTON HARBOR

02172095 AIW AT SULLIVANS ISLAND, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		FEBRUARY			MARCH			APRIL			MAY		
1	10.99	4.97	8.00	12.08	4.94	8.48	11.48	5.52	8.33	11.12	5.38	8.01	
2	11.05	5.16	7.96	11.76	4.21	8.42	11.26	5.70	8.19	10.68	5.36	8.31	
3	10.81	5.26	7.90	10.96	4.58	7.62	10.86	5.78	8.05	11.27	6.66	9.14	
4	10.63	5.44	7.89	10.78	5.39	7.94	10.26	5.58	8.08	11.24	6.50	8.85	
5	10.96	5.36	8.02	10.60	5.80	8.38	10.80	5.98	8.49	10.84	6.06	8.50	
6	10.81	5.10	8.09	11.60	6.30	8.83	10.78	5.66	8.37	10.82	5.90	8.48	
7	11.12	5.04	8.17	11.40	5.83	8.64	10.50	5.12	7.94	10.73	5.56	8.23	
8	11.20	4.92	8.27	11.03	5.65	8.41	11.36	5.66	8.68	10.47	5.11	7.98	
9	10.82	4.64	7.73	11.24	5.54	8.62	11.18	5.52	8.56	11.25	5.76	8.49	
10	11.32	4.38	8.28	11.38	4.92	8.53	10.86	5.25	8.20	11.29	5.79	8.50	
11	11.78	5.86	8.74	11.04	4.32	8.14	10.75	5.08	7.94	11.82	6.16	8.86	
12	11.22	5.30	8.43	11.46	5.56	8.63	11.05	5.66	8.22	11.46	6.23	8.84	
13	11.04	5.58	8.33	11.36	5.52	8.58	10.58	5.35	8.08	11.95	6.17	9.07	
14	10.76	5.71	8.29	10.98	5.20	8.13	10.62	5.25	7.71	11.43	6.45	8.80	
15	10.38	5.67	8.10	10.49	5.52	8.16	10.74	5.71	8.16	10.67	5.85	8.28	
16	10.42	6.06	8.03	10.48	5.50	7.86	10.08	5.59	7.78	10.30	5.40	7.78	
17	10.60	6.68	8.51	10.46	6.24	8.28	10.26	5.92	7.81	10.64	5.77	8.17	
18	10.69	7.09	8.64	10.25	6.18	7.99	10.27	5.80	8.03	10.83	6.09	8.64	
19	10.78	7.18	8.91	10.26	6.10	7.82	10.50	5.94	8.10	11.52	6.59	9.13	
20	11.17	6.88	8.88	10.44	6.56	8.24	10.28	5.44	7.80	12.21	6.91	9.54	
21	11.27	6.16	8.65	10.56	6.26	8.32	10.38	5.39	7.93	12.63	6.64	9.72	
22	11.14	6.80	9.05	10.14	5.93	8.06	11.46	5.20	8.48	13.55	6.41	10.00	
23	12.10	5.40	9.02	10.78	5.72	8.38	12.40	5.74	9.26	13.17	5.73	9.60	
24	11.14	4.28	7.89	11.14	5.31	8.48	12.15	4.90	8.75	13.03	5.11	9.09	
25	11.84	4.32	8.52	11.17	4.46	8.22	12.02	4.10	8.19	12.66	4.80	8.77	
26	11.66	4.50	8.35	12.48	4.40	8.78	12.08	3.88	7.98	12.22	4.78	8.43	
27	12.04	4.96	8.63	12.46	4.94	8.92	12.06	4.23	8.01	12.21	4.79	8.21	
28	12.00	4.74	8.54	11.77	4.26	8.25	11.78	4.48	8.02	12.56	5.78	9.12	
29	---	---	---	11.79	3.84	7.84	11.48	4.85	7.94	12.08	6.28	8.99	
30	---	---	---	12.06	4.50	8.04	11.28	5.26	8.04	11.88	6.46	9.05	
31	---	---	---	11.58	5.09	8.33	---	---	---	12.01	6.72	9.15	
MONTH	12.10	4.28	8.35	12.48	3.84	8.30	12.40	3.88	8.17	13.55	4.78	8.77	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		JUNE			JULY			AUGUST			SEPTEMBER		
1	11.19	6.33	8.71	10.46	5.54	8.06	10.74	6.34	8.53	10.70	5.90	8.29	
2	10.51	5.80	8.28	10.50	5.97	8.32	11.23	6.68	8.82	11.39	5.92	8.55	
3	11.04	5.84	8.61	10.61	6.04	8.25	11.12	6.40	8.75	12.06	6.31	9.24	
4	11.15	6.51	8.93	10.78	6.10	8.33	11.26	6.02	8.59	12.56	6.34	9.45	
5	11.01	6.15	8.65	10.82	5.85	8.28	11.36	5.56	8.48	12.68	6.34	9.61	
6	11.20	6.07	8.57	11.27	5.84	8.41	12.14	5.46	8.76	12.36	5.70	9.29	
7	11.20	5.80	8.51	11.28	5.60	8.44	12.35	6.10	9.24	12.20	5.64	9.05	
8	11.07	5.54	8.18	11.08	5.42	8.32	12.60	6.22	9.38	12.32	5.60	9.04	
9	11.97	5.71	8.65	11.07	4.92	7.96	12.32	6.38	9.44	12.25	5.90	8.98	
10	11.76	5.89	8.88	11.14	4.96	7.91	11.93	5.96	9.02	11.90	5.80	8.76	
11	11.56	5.91	8.58	11.14	5.18	7.99	11.50	5.52	8.66	11.78	5.80	8.74	
12	11.29	5.94	8.44	11.11	4.94	8.06	11.40	5.62	8.47	11.84	5.90	8.82	
13	11.30	5.95	8.41	10.88	5.18	8.07	11.41	5.86	8.42	11.64	6.14	8.82	
14	11.20	5.90	8.46	10.64	5.26	8.03	11.22	5.44	8.29	11.34	5.84	8.55	
15	11.13	5.95	8.46	10.70	4.90	7.84	10.94	5.08	7.98	11.46	5.86	8.61	
16	10.89	5.68	8.40	10.83	4.94	7.81	11.34	5.70	8.28	11.74	5.81	8.83	
17	11.08	5.70	8.45	11.29	5.15	8.20	11.14	5.08	8.13	11.48	5.44	8.76	
18	11.61	5.54	8.64	11.61	5.11	8.32	11.08	4.58	7.84	11.09	5.44	8.46	
19	11.98	5.48	8.69	12.18	5.29	8.70	11.40	4.62	8.04	12.02	5.15	9.12	
20	12.01	5.08	8.56	12.14	4.98	8.62	11.51	4.79	8.26	12.24	6.60	9.56	
21	12.28	4.92	8.60	12.22	4.74	8.51	10.96	4.88	8.03	12.15	6.90	9.50	
22	12.29	4.77	8.54	12.06	4.67	8.39	11.14	4.86	8.13	11.98	6.64	9.27	
23	12.15	4.75	8.37	11.89	4.98	8.43	11.28	5.24	8.51	11.33	6.40	8.86	
24	11.71	4.40	7.96	11.60	5.22	8.46	11.14	5.82	8.69	11.38	6.66	9.00	
25	11.33	4.51	7.62	11.02	5.34	8.34	11.10	6.09	8.69	11.28	7.00	9.01	
26	11.33	4.14	7.73	10.52	5.21	7.97	10.84	6.14	8.49	11.26	6.98	8.98	
27	10.80	4.95	7.84	10.38	5.20	7.84	10.56	6.29	8.38	10.62	6.76	8.62	
28	10.55	4.85	7.87	10.28	5.26	7.90	10.66	6.32	8.48	10.56	6.48	8.41	
29	10.41	5.49	7.76	10.15	5.74	7.98	10.48	6.22	8.42	11.16	6.62	8.78	
30	10.18	5.10	7.93	10.23	5.64	7.99	10.44	6.28	8.29	11.34	6.94	9.10	
31	---	---	---	10.34	5.98	8.29	10.83	6.40	8.46	---	---	---	
MONTH	12.29	4.14	8.38	12.22	4.67	8.19	12.60	4.58	8.51	12.68	5.15	8.94	
YEAR	13.55	3.65	8.48										

CHARLESTON HARBOR

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC

LOCATION.--Lat 32°45'11'', long 79°52'24'', Charleston County, Hydrologic Unit 03050201, on west side of pier at Ft. Sumter National Monument, and 2.0 mi south of Mt. Pleasant.

DRAINAGE AREA.--Undetermined.

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

GAGE.--Data collection platform. Elevation of gage is 10 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.50 ft, May 22, 1994; minimum gage height, 3.92 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.50 ft, May 22; minimum gage height, 5.70 ft, Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.54	8.42	11.15	12.41	6.84	9.84	14.18	8.53	11.19	13.46	7.38	10.31
2	13.63	8.58	10.98	13.14	7.75	10.48	14.32	8.60	11.21	13.26	7.40	10.16
3	13.33	8.20	10.72	13.32	8.28	10.59	13.98	8.30	11.01	13.80	8.00	10.95
4	13.36	8.50	10.84	13.10	8.30	10.53	13.80	8.50	10.96	13.04	6.36	9.14
5	13.41	8.66	10.92	13.06	8.49	10.54	12.90	6.64	9.80	12.40	7.16	9.62
6	13.78	9.08	11.49	12.95	8.32	10.30	12.88	7.78	10.15	12.84	7.24	10.02
7	14.22	9.62	11.82	13.34	8.32	10.69	13.20	8.25	10.61	13.16	6.86	9.98
8	13.60	9.02	11.20	13.30	8.58	10.97	13.58	7.78	10.69	13.09	6.56	9.67
9	13.14	8.46	10.71	13.68	7.92	10.92	13.86	7.64	10.72	13.28	6.75	10.10
10	13.24	8.26	10.68	13.86	7.71	10.91	14.20	7.01	10.75	13.42	6.75	10.40
11	13.92	8.76	11.26	14.40	7.60	11.19	13.34	6.52	10.11	13.81	7.08	10.38
12	14.06	8.06	11.20	14.80	7.22	11.08	13.96	6.52	10.51	13.71	6.78	10.13
13	14.40	7.81	11.24	14.74	7.12	10.72	14.66	7.33	11.02	13.64	7.00	10.29
14	14.66	7.87	11.34	14.34	6.50	10.35	14.94	7.65	11.18	12.86	6.75	9.82
15	15.04	7.66	11.42	14.20	6.66	10.25	13.98	7.02	10.36	11.76	6.22	8.86
16	15.32	7.76	11.56	13.84	6.96	10.23	13.50	7.14	10.38	12.66	7.54	9.95
17	14.94	7.49	11.08	13.72	7.42	10.34	14.00	8.39	11.03	12.68	8.02	10.36
18	14.39	7.64	10.79	13.12	7.52	10.24	13.77	8.52	11.04	11.87	7.12	9.50
19	14.22	8.02	10.97	13.62	8.66	10.89	13.16	8.65	10.85	11.86	8.14	9.86
20	13.94	8.40	10.97	12.70	8.24	10.40	13.00	8.97	11.03	11.89	8.28	10.12
21	13.38	8.16	10.62	13.08	9.16	11.09	12.96	8.04	10.12	12.12	8.28	10.07
22	13.46	8.36	10.89	13.25	9.10	11.20	12.12	8.24	10.34	12.28	7.78	9.95
23	13.74	9.44	11.62	13.38	9.08	11.27	12.80	7.96	10.36	12.41	7.50	9.96
24	13.70	9.18	11.65	13.52	8.68	11.24	12.87	7.52	10.27	12.54	7.22	9.89
25	13.82	9.54	11.78	13.62	9.30	11.50	12.38	5.70	9.60	12.78	6.90	9.91
26	13.96	8.90	11.58	14.10	8.98	11.65	11.46	5.93	9.07	13.12	6.90	10.06
27	13.54	8.68	11.16	14.20	8.46	11.54	11.80	6.32	9.28	14.03	7.12	10.89
28	13.33	8.60	11.01	13.57	7.86	10.61	12.54	6.56	9.70	14.20	7.32	10.53
29	13.76	8.64	11.26	13.51	7.44	10.58	13.08	6.74	10.02	13.27	6.48	9.92
30	14.80	8.60	11.37	13.78	7.84	10.89	13.30	6.74	10.14	13.72	6.87	10.36
31	12.90	7.18	9.88	---	---	---	13.42	7.10	10.25	13.46	7.04	10.31
MONTH	15.32	7.18	11.13	14.80	6.50	10.77	14.94	5.70	10.44	14.20	6.22	10.05

CHARLESTON HARBOR

02172100 CHARLESTON HARBOR AT FORT SUMTER NEAR MOUNT PLEASANT, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.18	7.15	10.08	14.06	7.06	10.45	13.50	7.70	10.41	13.20	7.50	10.06
2	13.18	7.29	9.97	13.74	6.22	10.33	13.40	7.88	10.28	12.76	7.48	10.37
3	12.91	7.36	9.95	12.98	6.68	9.61	13.00	7.94	10.16	13.36	8.72	11.20
4	12.72	7.54	9.95	12.86	7.48	9.97	12.40	7.66	10.19	13.36	8.68	10.94
5	13.04	7.51	10.10	12.68	7.89	10.44	12.96	8.10	10.60	12.98	8.20	10.61
6	12.93	7.20	10.15	13.66	8.38	10.88	12.90	7.76	10.46	12.94	8.04	10.58
7	13.27	7.16	10.21	13.46	7.90	10.69	12.72	7.26	10.04	12.86	7.70	10.31
8	13.28	6.94	10.30	13.10	7.75	10.45	13.44	7.76	10.76	12.64	7.20	10.05
9	12.88	6.76	9.73	13.37	7.69	10.68	13.28	7.66	10.63	13.36	7.92	10.58
10	13.34	6.50	10.30	13.48	6.94	10.52	13.02	7.40	10.29	13.40	7.90	10.59
11	13.84	7.97	10.74	13.16	6.50	10.23	12.90	7.22	10.03	13.88	8.38	10.96
12	13.30	7.44	10.46	13.58	7.73	10.70	13.16	7.76	10.30	13.54	8.34	10.91
13	13.10	7.68	10.37	13.48	7.66	10.65	12.65	7.42	10.13	14.02	8.31	11.14
14	12.84	7.82	10.36	13.12	7.40	10.22	12.74	7.34	9.80	13.52	8.52	10.89
15	12.50	7.78	10.16	12.60	7.64	10.25	12.84	7.84	10.22	12.78	7.96	10.37
16	12.52	8.12	10.11	12.60	7.68	9.96	12.10	7.70	9.87	12.46	7.56	9.88
17	12.68	8.72	10.56	12.60	8.38	10.40	12.42	8.08	9.95	12.84	7.90	10.28
18	12.72	9.13	10.70	12.36	8.22	10.07	12.48	7.96	10.15	12.96	8.22	10.74
19	12.83	9.22	10.95	12.44	8.23	9.94	12.66	8.06	10.22	13.64	8.74	11.21
20	13.18	8.90	10.91	12.56	8.74	10.36	12.44	7.56	9.88	14.30	9.00	11.60
21	13.30	8.27	10.70	12.70	8.42	10.43	12.52	7.52	10.01	14.70	8.72	11.76
22	13.22	8.86	11.09	12.26	8.05	10.17	13.44	7.32	10.52	15.50	8.54	12.00
23	14.06	7.48	11.01	12.92	7.83	10.47	14.42	7.84	11.25	15.14	7.86	11.58
24	13.18	6.36	9.87	13.28	7.46	10.54	14.22	7.02	10.73	15.01	7.26	11.09
25	13.86	6.50	10.50	13.28	6.55	10.23	14.07	6.24	10.18	14.62	6.88	10.66
26	13.74	6.66	10.34	14.55	6.55	10.78	14.14	6.04	9.98	14.26	6.88	10.42
27	14.06	7.06	10.62	14.50	7.02	10.87	14.08	6.41	10.02	14.24	6.88	10.22
28	14.04	6.71	10.52	13.81	6.38	10.20	13.82	6.66	10.04	14.59	7.92	11.15
29	---	---	---	13.88	5.94	9.84	13.58	6.98	9.97	14.02	8.40	11.02
30	---	---	---	14.12	6.70	10.09	13.26	7.40	10.08	14.00	8.62	11.09
31	---	---	---	13.68	7.22	10.36	---	---	---	14.04	8.82	11.11
MONTH	14.06	6.36	10.38	14.55	5.94	10.35	14.42	6.04	10.24	15.50	6.88	10.82
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.31	8.50	10.80	12.60	7.70	10.18	13.26	8.52	10.70	12.84	8.04	10.41
2	12.66	7.92	10.42	12.66	8.10	10.44	13.35	8.82	11.01	13.50	8.06	10.65
3	13.15	7.96	10.71	12.78	8.14	10.41	13.26	8.54	10.87	14.16	8.46	11.32
4	13.28	8.64	11.03	12.94	8.24	10.46	13.42	8.12	10.70	14.63	8.48	11.51
5	13.14	8.26	10.77	12.96	7.98	10.40	13.46	7.68	10.57	14.70	8.48	11.62
6	13.30	8.14	10.67	13.38	7.98	10.52	14.22	7.66	10.84	14.42	7.82	11.30
7	13.33	7.92	10.59	13.40	7.72	10.52	14.64	8.23	11.38	14.28	7.76	11.06
8	13.13	7.64	10.29	13.20	7.34	10.26	14.64	8.50	11.48	14.36	7.74	11.06
9	14.02	7.84	10.73	13.17	7.04	10.04	14.38	8.50	11.47	14.30	8.02	11.03
10	13.84	8.02	10.96	13.24	7.08	9.99	14.02	8.06	11.06	13.50	7.94	10.69
11	13.66	8.06	10.68	13.27	7.26	10.07	13.66	7.74	10.74	13.88	7.90	10.81
12	13.40	8.04	10.54	13.20	7.06	10.15	13.53	7.76	10.53	13.94	8.04	10.90
13	13.42	8.04	10.50	12.98	7.34	10.15	13.45	7.90	10.51	13.75	8.28	10.90
14	13.30	8.03	10.56	12.77	7.40	10.10	13.33	7.49	10.30	13.48	7.98	10.65
15	13.14	8.06	10.55	12.83	7.06	9.91	13.04	7.20	10.04	13.59	7.98	10.70
16	13.02	7.83	10.49	12.95	7.08	9.88	13.42	7.78	10.34	13.84	7.96	10.88
17	13.21	7.84	10.55	13.45	7.28	10.28	13.22	7.22	10.17	13.59	7.60	10.81
18	13.72	7.74	10.72	13.72	7.26	10.38	13.18	6.82	9.90	13.26	7.60	10.51
19	14.10	7.64	10.76	14.26	7.44	10.76	13.54	6.74	10.12	14.10	7.32	11.19
20	14.10	7.28	10.62	14.20	7.12	10.64	13.61	6.96	10.32	14.28	8.74	11.61
21	14.37	7.06	10.63	14.28	6.94	10.51	13.10	7.02	10.07	14.23	9.02	11.56
22	14.34	6.93	10.56	14.09	6.82	10.40	13.26	7.02	10.20	14.10	8.70	11.34
23	14.20	6.90	10.38	13.96	7.12	10.45	13.42	7.37	10.58	13.46	8.58	10.96
24	13.77	6.51	9.97	13.70	7.34	10.50	13.28	7.96	10.77	13.50	8.80	11.11
25	13.38	6.62	9.61	13.10	7.48	10.38	13.22	8.24	10.79	13.44	9.16	11.12
26	13.38	6.34	9.77	12.66	7.32	10.04	13.00	8.28	10.60	13.46	9.14	11.11
27	12.92	7.05	9.85	12.47	7.28	9.91	12.74	8.44	10.52	12.77	8.92	10.73
28	12.56	7.00	9.92	12.34	7.38	9.96	12.82	8.44	10.62	12.70	8.60	10.55
29	12.52	7.58	9.82	12.28	7.79	10.08	12.64	8.44	10.55	13.26	8.84	10.90
30	12.28	7.22	10.00	12.34	7.76	10.11	12.60	8.44	10.42	13.44	9.08	11.21
31	---	---	---	12.51	8.10	10.43	12.96	8.54	10.58	---	---	---
MONTH	14.37	6.34	10.45	14.28	6.82	10.27	14.64	6.74	10.60	14.70	7.32	11.01
YEAR	15.50	5.70	10.54									

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 sea level (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records good except for estimated daily discharges, Dec. 28 to Feb. 4, Feb. 21 to Mar. 2, June 27 to Aug. 15, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	32	30	27	28	40	25	22	21	24	32	23
2	25	28	28	40	28	60	25	24	22	28	25	24
3	24	26	27	30	27	35	25	24	27	45	24	25
4	22	25	26	38	27	30	25	25	22	33	23	24
5	21	28	28	30	26	27	25	23	22	30	25	23
6	21	27	25	28	26	30	23	22	23	25	24	23
7	21	26	25	26	24	29	22	21	23	24	24	22
8	22	26	24	26	26	29	22	21	23	23	23	22
9	22	26	24	25	27	31	22	21	22	22	22	22
10	21	25	25	24	26	37	25	21	22	21	21	21
11	21	25	26	26	27	35	24	21	21	21	21	21
12	21	25	24	35	27	34	23	21	21	22	21	21
13	22	24	24	28	25	35	24	21	21	23	23	21
14	22	24	26	25	24	40	24	21	21	25	25	21
15	22	24	26	23	24	29	23	22	24	23	35	21
16	23	24	25	23	22	30	23	43	28	25	47	21
17	24	25	24	25	21	30	25	29	25	22	59	21
18	23	25	24	32	22	29	25	25	24	30	38	27
19	23	22	22	27	22	28	24	22	22	35	34	27
20	25	22	21	24	23	27	23	20	22	27	29	25
21	31	22	24	24	22	27	23	21	21	30	28	24
22	33	22	21	23	25	28	24	21	21	35	29	23
23	34	21	23	23	40	29	23	21	20	45	26	22
24	32	21	22	22	55	35	23	21	19	30	24	33
25	33	20	20	21	35	55	23	20	19	27	23	28
26	32	20	20	22	30	35	23	19	22	28	22	26
27	29	29	20	25	28	30	22	19	45	36	22	23
28	26	27	20	35	32	28	22	20	35	30	22	23
29	24	30	21	45	---	35	22	21	27	27	22	22
30	72	31	21	35	---	27	22	22	25	25	25	25
31	43	---	23	30	---	25	---	21	---	26	23	---
TOTAL	839	752	739	867	769	1019	704	695	710	867	841	704
MEAN	27.1	25.1	23.8	28.0	27.5	32.9	23.5	22.4	23.7	28.0	27.1	23.5
MAX	72	32	30	45	55	60	25	43	45	45	59	33
MIN	21	20	20	21	21	25	22	19	19	21	21	21
CFSM	.87	.80	.76	.90	.88	1.05	.75	.72	.76	.90	.87	.75
IN.	1.00	.90	.88	1.03	.92	1.21	.84	.83	.85	1.03	1.00	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	MEAN	23.1	23.9	24.7	26.5	25.8	25.8	24.3	22.5	21.8	22.1	23.0	21.5
MAX	30.4	31.4	28.1	40.1	30.4	33.8	33.3	32.5	27.6	28.0	32.7	25.9	
(WY)	1991	1986	1982	1993	1993	1993	1983	1984	1983	1994	1991	1993	
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	9863		9506										
ANNUAL MEAN	27.0		26.0										
HIGHEST ANNUAL MEAN										24.0			
LOWEST ANNUAL MEAN										17.2			1983
HIGHEST DAILY MEAN	112	Jan 8				72	Oct 30			114	Oct 23	1990	
LOWEST DAILY MEAN	15	Aug 23				19	*May 26			11	Jul 20	1990	
ANNUAL SEVEN-DAY MINIMUM	18	Aug 23				20	May 22			12	Mar 11	1989	
INSTANTANEOUS PEAK FLOW						119	Oct 30			229	Oct 23	1990	
INSTANTANEOUS PEAK STAGE						4.62	Oct 30			6.21	Oct 23	1990	
ANNUAL RUNOFF (CFSM)	.87					.83				.77			
ANNUAL RUNOFF (INCHES)	11.76					11.33				10.43			
10 PERCENT EXCEEDS	35					34				30			
50 PERCENT EXCEEDS	25					24				23			
90 PERCENT EXCEEDS	20					21				17			

* Also occurred on May 27, June 24, 25.

EDISTO RIVER BASIN

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC

LOCATION.--Lat 33°23'35'', long 81°08'00'', Bamberg-Orangeburg County Line, Hydrologic Unit 03050204, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad Bridge, 1.8 mi downstream from Little River, 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.--Data collection platform. Datum of gage is 155.68 ft above sea level (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Jan. 8 - 10, June 24 to July 7, 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	517	772	798	742	905	1120	1090	505	362	700	717	578
2	480	861	786	766	898	1460	993	496	411	720	769	568
3	457	956	814	786	883	1650	958	493	454	800	827	591
4	442	1050	854	821	863	1660	951	494	469	1000	804	649
5	431	1160	857	846	848	1570	887	502	471	900	777	628
6	421	1110	807	853	874	1450	817	507	451	860	754	601
7	417	942	751	868	878	1420	790	509	449	825	735	577
8	416	817	716	900	867	1380	746	513	454	750	722	574
9	415	758	696	900	867	1220	711	524	461	707	702	593
10	415	706	687	870	878	1120	689	540	469	683	689	606
11	412	672	706	853	923	1110	670	536	472	665	642	586
12	414	657	727	852	955	1040	657	509	469	632	561	549
13	414	653	726	869	952	965	657	479	493	570	516	519
14	417	642	724	863	940	932	664	451	555	511	512	496
15	419	630	741	873	924	929	661	439	599	477	502	483
16	424	624	749	890	907	997	657	455	545	451	580	469
17	447	620	762	890	905	973	644	476	519	436	731	456
18	461	616	766	966	897	887	636	501	499	437	759	488
19	469	614	742	983	857	825	630	513	470	421	816	611
20	476	614	727	963	816	794	612	538	462	515	801	622
21	481	611	756	916	782	771	595	604	451	569	806	606
22	483	610	766	861	754	752	610	643	437	707	984	597
23	485	608	776	841	734	737	842	590	425	720	1070	599
24	485	608	788	841	806	721	850	505	400	688	1050	650
25	487	606	790	831	894	923	695	451	380	815	1030	782
26	498	605	793	806	959	1040	628	415	390	910	984	880
27	517	623	811	781	1040	1030	587	396	460	811	913	885
28	528	678	812	775	1060	1020	557	378	540	750	845	782
29	546	723	796	793	---	1000	535	378	620	768	770	691
30	630	777	784	833	---	1090	520	370	660	732	689	642
31	722	---	764	891	---	1160	---	363	---	706	625	---
TOTAL	14626	21923	23772	26523	24866	33746	21539	15073	14297	21236	23682	18358
MEAN	472	731	767	856	888	1089	718	486	477	685	764	612
MAX	722	1160	857	983	1060	1660	1090	643	660	1000	1070	885
MIN	412	605	687	742	734	721	520	363	362	421	502	456
CFSM	.66	1.01	1.07	1.19	1.23	1.51	1.00	.68	.66	.95	1.06	.85
IN.	.76	1.13	1.23	1.37	1.28	1.74	1.11	.78	.74	1.10	1.22	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1994, BY WATER YEAR (WY)

	MEAN	607	669	825	971	1066	1155	1035	672	564	529	587	553
MAX	2436	1786	2190	1940	2688	2328	3017	1358	1331	1257	1507	2177	
(WY)	1960	1948	1949	1993	1960	1948	1936	1964	1965	1941	1971	1964	
MIN	250	358	456	446	555	544	421	314	233	196	238	211	
(WY)	1955	1955	1956	1956	1957	1955	1945	1941	1956	1986	1957	1990	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1931 - 1994

ANNUAL TOTAL	319778	259641	764
ANNUAL MEAN	876	711	1468
HIGHEST ANNUAL MEAN			1965
LOWEST ANNUAL MEAN			1955
HIGHEST DAILY MEAN	3650	Jan 10	12700
LOWEST DAILY MEAN	273	Sep 4	133
ANNUAL SEVEN-DAY MINIMUM	292	Aug 30	138
INSTANTANEOUS PEAK FLOW			1330
INSTANTANEOUS PEAK STAGE			10.91
INSTANTANEOUS LOW FLOW			133
ANNUAL RUNOFF (CFSM)	1.22	.99	1.06
ANNUAL RUNOFF (INCHES)	16.52	13.41	14.41
10 PERCENT EXCEEDS	1580	964	1350
50 PERCENT EXCEEDS	694	706	636
90 PERCENT EXCEEDS	398	451	340

* From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.

** Also occurred on Mar. 4.

*** Also occurred on July 13, 1990.

**** Also occurred on June 1.

EDISTO RIVER BASIN

311

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.--757 mi².

PERIOD OF RECORD.--June 1991 to current year.

GAGE.--Data collection platform. Datum of gage is 139.23 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Dec. 22 - 27, Dec. 30 to Jan. 4, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	638	803	780	820	942	1140	1190	487	341	666	721	598
2	565	859	791	830	938	1570	1100	472	363	662	759	533
3	519	970	792	840	921	1890	1020	463	401	705	765	537
4	492	1050	820	850	909	1910	999	465	415	925	783	565
5	476	1140	852	855	903	1840	970	470	424	1020	768	604
6	464	1180	839	858	932	1670	906	470	432	1080	739	583
7	457	1120	796	867	931	1530	880	476	431	911	715	551
8	458	995	748	899	919	1510	817	477	420	786	696	528
9	455	883	717	903	929	1400	766	483	417	711	680	530
10	451	810	702	884	947	1270	734	496	422	668	661	544
11	445	756	706	867	994	1240	704	508	424	640	648	552
12	443	717	717	923	1010	1170	681	494	423	614	585	528
13	443	698	731	933	1020	1090	677	464	427	566	515	498
14	443	686	742	903	1010	1050	683	436	477	502	488	471
15	443	675	759	877	990	1000	677	418	595	453	476	451
16	449	657	757	899	976	1010	672	422	597	422	507	437
17	470	648	761	911	951	1050	661	430	526	399	626	429
18	480	638	773	970	951	999	639	441	502	395	713	453
19	489	629	768	1020	934	921	627	466	475	386	754	526
20	495	622	750	1010	897	855	615	478	442	407	803	575
21	500	621	754	974	851	822	588	512	415	475	782	573
22	506	622	776	920	816	801	578	575	389	559	830	558
23	508	615	800	877	792	780	677	602	368	732	971	547
24	508	610	800	858	824	763	873	533	348	680	1010	574
25	508	610	790	864	908	932	808	453	334	670	974	651
26	524	601	800	850	974	1150	681	406	340	787	953	760
27	532	614	800	827	1040	1130	603	379	411	849	908	818
28	544	652	815	819	1100	1110	551	359	553	843	842	813
29	560	693	814	836	---	1110	523	354	596	773	790	739
30	681	734	800	874	---	1110	501	348	640	735	725	662
31	757	---	810	923	---	1190	---	344	---	697	657	---
TOTAL	15703	22908	24060	27541	26309	37013	22401	14181	13348	20718	22844	17188
MEAN	507	764	776	888	940	1194	747	457	445	668	737	573
MAX	757	1180	852	1020	1100	1910	1190	602	640	1080	1010	818
MIN	443	601	702	819	792	763	501	344	334	386	476	429

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1994, BY WATER YEAR (WY)

	1991	1992	1993	1994
MEAN	610	804	804	1322
MAX	789	1053	1005	2236
(WY)	1993	1993	1993	1993
MIN	507	594	630	840
(WY)	1994	1992	1992	1992

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1991 - 1994
ANNUAL TOTAL	336649	264214	
ANNUAL MEAN	922	724	806
HIGHEST ANNUAL MEAN			990
LOWEST ANNUAL MEAN			705
HIGHEST DAILY MEAN	5060	Jan 13	5060
LOWEST DAILY MEAN	298	Sep 4	298
ANNUAL SEVEN-DAY MINIMUM	319	Aug 30	319
INSTANTANEOUS PEAK FLOW		1950	5300
INSTANTANEOUS PEAK STAGE		9.85	10.72
INSTANTANEOUS LOW FLOW		**Jun 25	298
10 PERCENT EXCEEDS	1650		1280
50 PERCENT EXCEEDS	731		714
90 PERCENT EXCEEDS	426		443

* Also occurred on Sept. 4, 5, 1993.

** Also occurred on June 26.

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.--807 mi².

PERIOD OF RECORD.--April 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 140 ft above sea level (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	951	1070	973	1060	1310	1530	1700	806	465	944	996	865
2	831	1090	1030	1100	1300	2070	1610	757	518	948	1110	721
3	707	1180	1020	1120	1270	2710	1480	726	566	940	1090	694
4	617	1320	1040	1120	1250	2740	1400	727	605	1160	1090	702
5	563	1440	1100	1140	1260	2560	1380	736	621	1420	1070	758
6	531	1570	1120	1160	1300	2350	1330	739	654	1510	1030	765
7	508	1540	1090	1150	1320	2150	1320	740	778	1410	991	718
8	505	1400	1030	1170	1300	2080	1240	750	710	1170	954	659
9	496	1230	971	1200	1300	2000	1130	754	665	1040	923	632
10	483	1110	941	1180	1330	1860	1070	784	654	954	894	643
11	472	1040	938	1170	1410	1770	1020	821	642	903	874	666
12	467	972	938	1250	1450	1720	986	811	632	861	831	647
13	463	929	956	1310	1450	1580	973	735	626	796	713	586
14	465	905	988	1250	1410	1520	986	664	683	683	612	524
15	464	884	1030	1200	1380	1460	974	611	918	547	587	475
16	472	860	1030	1190	1360	1410	960	613	1090	465	647	448
17	501	839	1020	1220	1330	1450	946	631	987	419	757	428
18	520	816	1020	1280	1320	1430	912	643	858	402	933	450
19	539	804	1030	1360	1310	1340	881	693	799	393	1000	614
20	551	788	1010	1360	1260	1240	863	730	689	392	1090	711
21	560	773	1020	1330	1210	1170	828	788	619	492	1090	734
22	558	766	1040	1270	1150	1130	821	910	561	688	1120	697
23	560	761	1070	1210	1120	1110	1060	1030	524	931	1260	669
24	561	757	1080	1160	1180	1080	1610	992	487	998	1360	702
25	562	748	1080	1150	1260	1260	1750	767	461	911	1330	790
26	605	737	1070	1150	1340	1670	1430	608	458	999	1290	932
27	629	763	1070	1130	1380	1720	1170	540	605	1140	1250	1050
28	641	808	1090	1130	1470	1610	1030	503	913	1260	1170	1090
29	663	855	1100	1150	---	1630	932	483	944	1150	1100	1030
30	871	910	1090	1210	---	1590	854	473	919	1050	1020	910
31	1010	---	1070	1280	---	1650	---	467	---	989	926	---
TOTAL	18326	29665	32055	37160	36730	52590	34646	22032	20651	27965	31108	21310
MEAN	591	989	1034	1199	1312	1696	1155	711	688	902	1003	710
MAX	1010	1570	1120	1360	1470	2740	1750	1030	1090	1510	1360	1090
MIN	463	737	938	1060	1120	1080	821	467	458	392	587	428

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1994, BY WATER YEAR (WY)

	MEAN	877	1138	1159	1904	1420	1670	1335	972	901	846	1231	838
MAX	1202	1507	1460	3187	1711	1944	1711	1592	1124	1178	2270	1026	
(WY)	1993	1993	1993	1993	1993	1993	1993	1991	1991	1991	1991	1991	
MIN	591	917	983	1199	1245	1368	1139	711	688	580	510	710	
(WY)	1994	1992	1992	1994	1992	1992	1992	1994	1994	1993	1993	1994	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1991 - 1994

ANNUAL TOTAL	441167	364238	1123
ANNUAL MEAN	1209	998	1339
HIGHEST ANNUAL MEAN			998
LOWEST ANNUAL MEAN			1993
HIGHEST DAILY MEAN	6540	2740	6540
LOWEST DAILY MEAN	302	392	302
ANNUAL SEVEN-DAY MINIMUM	331	444	331
INSTANTANEOUS PEAK FLOW		2840	6720
INSTANTANEOUS PEAK STAGE		11.51	13.16
INSTANTANEOUS LOW FLOW		382	297
10 PERCENT EXCEEDS	2180	1420	1830
50 PERCENT EXCEEDS	938	987	1040
90 PERCENT EXCEEDS	472	544	558

* Also occurred on Sept. 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 sea level (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, Oct. 28 - 30, Nov. 23 - 27, June 2 - 9, Aug. 16 - 18, 21 - 23, which are fair. About 11.3 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	513	1040	822	757	939	1070	1110	476	401	836	821	449
2	490	1110	823	826	921	1530	1010	505	440	888	820	447
3	479	1120	802	859	893	1870	941	519	460	1230	742	601
4	470	1050	813	891	875	1870	902	513	480	1210	693	755
5	462	1060	851	896	871	1590	881	529	520	1040	676	727
6	457	1070	841	886	886	1350	848	517	600	896	645	703
7	460	1000	799	881	894	1270	847	509	720	783	615	707
8	463	891	749	880	885	1290	809	511	740	674	579	681
9	465	812	714	866	881	1200	761	522	700	642	550	646
10	465	754	701	854	920	1110	726	536	669	632	516	610
11	460	713	730	853	1000	1120	697	516	623	625	480	557
12	460	687	747	902	1010	1120	676	482	571	627	460	510
13	460	668	739	900	991	1030	696	457	517	596	448	486
14	458	652	752	933	965	976	712	439	476	537	460	467
15	457	639	810	964	938	941	696	432	456	480	481	448
16	462	629	836	953	909	957	728	469	450	436	540	435
17	487	627	842	909	887	997	737	478	447	409	600	432
18	499	626	828	943	876	958	687	496	463	396	660	513
19	504	623	793	998	861	892	641	513	485	410	762	656
20	509	620	766	993	832	849	611	509	492	478	801	661
21	508	617	788	936	797	820	585	492	473	478	830	611
22	504	613	792	881	777	800	597	462	447	634	972	602
23	502	630	813	846	759	783	690	431	431	725	1030	586
24	509	640	830	830	899	756	659	412	402	625	987	591
25	519	660	835	826	980	972	623	401	403	592	898	647
26	573	670	827	808	1010	1120	584	395	411	645	817	719
27	609	700	824	787	1020	1100	546	392	501	739	721	723
28	680	721	815	806	1050	1050	516	394	601	816	639	725
29	740	734	802	840	---	1120	495	393	734	787	572	710
30	850	769	788	894	---	1170	481	380	843	763	508	666
31	917	---	765	924	---	1190	---	372	---	794	469	---
TOTAL	16391	23145	24637	27322	25526	34871	21492	14452	15956	21423	20792	18071
MEAN	529	771	795	881	912	1125	716	466	532	691	671	602
MAX	917	1120	851	998	1050	1870	1110	536	843	1230	1030	755
MIN	457	613	701	757	759	756	481	372	401	396	448	432
CFSM	.77	1.13	1.16	1.29	1.33	1.65	1.05	.68	.78	1.01	.98	.88
IN.	.89	1.26	1.34	1.49	1.39	1.90	1.17	.79	.87	1.17	1.13	.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1994, BY WATER YEAR (WY)

	MEAN	639	660	794	941	1015	1103	961	704	643	625	662	627
MAX	2585	1467	1748	2208	2249	1949	1986	1447	1627	1426	1666	1904	
(WY)	1965	1960	1949	1993	1960	1971	1961	1975	1973	1964	1991	1964	
MIN	264	333	391	396	512	524	443	332	239	238	239	221	
(WY)	1955	1955	1956	1956	1957	1955	1945	1941	1956	1986	1954	1954	

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1939 - 1994
ANNUAL TOTAL	340614	264078	
ANNUAL MEAN	933	724	782
HIGHEST ANNUAL MEAN			1389
LOWEST ANNUAL MEAN			437
HIGHEST DAILY MEAN	4890	Jan 10	1870
LOWEST DAILY MEAN	364	Jul 15	372
ANNUAL SEVEN-DAY MINIMUM	384	Aug 29	390
INSTANTANEOUS PEAK FLOW			1910
INSTANTANEOUS PEAK STAGE			8.18
INSTANTANEOUS LOW FLOW			368
ANNUAL RUNOFF (CFSM)	1.37		1.06
ANNUAL RUNOFF (INCHES)	18.55		14.38
10 PERCENT EXCEEDS	1520		1000
50 PERCENT EXCEEDS	765		713
90 PERCENT EXCEEDS	463		460

* From rating curve extended above 5,300 ft³/s by velocity-area studies.

** Also occurred on Mar. 4.

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.

* 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 above sea level.

REMARKS.--Records good except for estimated daily discharges, Feb. 16, 17, May 15 -17, which are fair. 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1540	1090	1280	1850	2780	2740	3540	1460	649	1500	2190	2140
2	1530	1140	1310	1890	2900	2780	3600	1280	632	1560	2610	2020
3	1500	1220	1350	1950	2960	3580	3640	1160	649	1630	2730	1900
4	1430	1320	1390	1990	2990	4240	3720	1100	654	1740	2610	1760
5	1290	1450	1440	2000	3010	4780	3790	1060	684	1820	2440	1620
6	1100	1580	1500	2000	3060	5190	3810	1030	709	1930	2360	1470
7	968	1700	1550	2010	3100	5680	3680	1020	830	2000	2390	1410
8	904	1790	1600	2040	3120	6120	3430	1000	864	2100	2370	1430
9	858	1900	1610	2060	3140	6380	3170	984	902	2280	2270	1500
10	828	2000	1660	2070	3150	6540	2970	956	998	2510	2130	1530
11	810	2080	1720	2080	3170	6540	2820	935	1440	2620	2000	1460
12	797	2140	1730	2090	3220	6310	2690	919	1640	2550	1830	1340
13	777	2140	1710	2110	3270	5940	2530	914	1380	2340	1710	1240
14	765	2070	1650	2130	3310	5550	2360	913	1200	1960	1630	1170
15	760	1920	1610	2150	3340	5170	2170	890	1130	1650	1600	1100
16	755	1730	1590	2170	3370	4860	2010	865	1060	1490	1510	1020
17	760	1550	1590	2210	3390	4560	1890	840	1030	1380	1460	959
18	765	1410	1620	2280	3410	4260	1820	790	1020	1230	1400	917
19	769	1320	1650	2340	3400	3960	1770	782	1030	1210	1400	930
20	779	1260	1680	2360	3370	3670	1740	788	994	1050	1440	963
21	791	1210	1720	2370	3300	3440	1690	795	922	937	1940	990
22	799	1180	1750	2380	3220	3290	1650	815	865	878	2460	1030
23	805	1150	1770	2390	3150	3160	1600	822	828	912	2490	1080
24	813	1130	1790	2410	3090	3020	1550	849	794	1030	2360	1230
25	816	1100	1810	2440	3030	2890	1520	865	768	1210	2240	2080
26	815	1090	1810	2460	2950	2790	1510	869	737	1380	2190	2290
27	823	1140	1810	2470	2870	2710	1540	856	719	1500	2190	2170
28	842	1240	1820	2460	2790	2650	1610	781	910	1640	2220	1970
29	861	1280	1830	2460	---	2750	1670	712	1280	1760	2250	1900
30	957	1280	1840	2480	---	3000	1630	675	1430	1910	2250	1970
31	1040	---	1840	2610	---	3330	---	657	---	2030	2220	---
TOTAL	29047	44610	51030	68710	87860	131880	73120	28382	28748	51737	64890	44589
MEAN	937	1487	1646	2216	3138	4254	2437	916	958	1669	2093	1486
MAX	1540	2140	1840	2610	3410	6540	3810	1460	1640	2620	2730	2290
MIN	755	1090	1280	1850	2780	2650	1510	657	632	878	1400	917
CFSM	.34	.54	.60	.81	1.15	1.56	.89	.34	.35	.61	.77	.54
IN.	.40	.61	.70	.94	1.20	1.80	1.00	.39	.39	.70	.88	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1994, BY WATER YEAR (WY)

MEAN	1817	1601	2406	3243	4136	4759	3786	2199	1810	1728	1989	1928
MAX	13060	7657	10790	11100	10910	9963	8972	5857	9000	7902	8300	9478
(WY)	1965	1960	1949	1993	1973	1948	1961	1984	1973	1941	1991	1964
MIN	415	544	812	1096	1125	1171	1054	685	435	352	344	385
(WY)	1955	1955	1955	1956	1989	1955	1985	1985	1956	1988	1988	1954

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1939 - 1994

ANNUAL TOTAL	1157781	704603	2614
ANNUAL MEAN	3172	1930	5225
HIGHEST ANNUAL MEAN			1960
LOWEST ANNUAL MEAN			1191
HIGHEST DAILY MEAN	22300	Jan 15	24100
LOWEST DAILY MEAN	603	Sep 6	252
ANNUAL SEVEN-DAY MINIMUM	622	Sep 1	257
INSTANTANEOUS PEAK FLOW			24500
INSTANTANEOUS PEAK STAGE			15.84
INSTANTANEOUS LOW FLOW			250
ANNUAL RUNOFF (CFSM)	1.16	.71	.96
ANNUAL RUNOFF (INCHES)	15.78	9.60	13.01
10 PERCENT EXCEEDS	7520	3290	5440
50 PERCENT EXCEEDS	1500	1690	1800
90 PERCENT EXCEEDS	779	823	731

*Also occurred on Mar. 11.

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 1993 TO SEPTEMBER 1994

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 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)
NOV 16...	1020	1740	770	14.5	<3	K32	6	6.9	8.2	80	13	6.3
JAN 25...	1140	2440	770	4.0	K44	48	6	8.1	12.2	92	16	6.9
MAR 31...	1730	3400	760	18.0	170	K54	20	13	7.2	76	19	6.5
APR 20...	1400	1740	--	20.5	--	--	--	--	7.6	--	--	6.6
MAY 16...	1130	956	760	23.0	K8	100	8	9.7	6.7	78	14	6.8
JUL 29...	1330	1770	765	26.0	310	81	10	12	5.8	71	19	6.7
SEP 29...	1500	1900	760	23.5	160	--	13	15	6.5	77	20	6.9

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 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 16...	57	1.6	3.7	0.91	1.1	4.7	42	0.6	6.9	0.10	7.6
JAN 25...	41	1.7	4.8	1.0	1.0	4.9	38	0.5	7.4	<0.10	4.9
MAR 31...	60	1.0	5.9	1.1	1.6	4.7	32	0.5	7.3	<0.10	4.2
APR 20...	71	--	--	--	--	--	--	--	--	--	--
MAY 16...	75	4.6	4.1	0.85	1.3	6.5	48	0.8	10	<0.10	5.5
JUL 29...	68	5.2	5.9	1.0	1.1	5.6	38	0.6	6.8	0.10	8.0
SEP 29...	72	2.1	6.3	1.1	1.6	5.7	36	0.6	7.2	<0.10	6.9

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, 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, ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)
NOV 16...	45	35	0.06	211	--	<0.010	<0.050	--	0.020	0.03	0.28	0.30
JAN 25...	48	35	0.06	316	0.120	<0.010	0.120	0.120	0.010	0.01	0.29	0.30
MAR 31...	62	39	0.08	569	--	<0.010	<0.050	--	0.030	0.04	0.57	0.60
APR 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 16...	40	39	0.05	103	0.310	<0.010	0.310	0.310	0.040	0.05	0.26	0.30
JUL 29...	58	40	0.08	277	0.120	<0.010	0.120	0.120	0.030	0.04	0.47	0.50
SEP 29...	78	43	0.11	400	0.081	0.010	0.091	0.091	0.030	0.04	0.47	0.50

EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (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- 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)
NOV 16...	0.03	0.010	<0.010	0.020	110	15	<3	360	6	28	<4	24
JAN 25...	--	<0.010	0.020	0.020	130	15	<3	210	7	46	<4	16
MAR 31...	0.28	0.090	0.110	0.220	--	--	--	--	11	101	--	--
APR 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 16...	0.09	0.030	0.030	0.060	40	14	<3	290	13	34	<4	13
JUL 29...	0.06	0.020	0.030	0.050	--	--	--	--	16	76	--	--
SEP 29...	0.03	0.010	0.020	0.050	150	21	<3	450	9	46	<4	23

DATE	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)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	SI- MAZINE, WATER, DISS, REC (UG/L)	PRO- METRYN, WATER, DISS, REC (UG/L)	PRO- METON, WATER, DISS, REC (UG/L)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L)
NOV 16...	99	<10	1	<1	<1.0	16	<6	--	--	--	--	--
JAN 25...	97	<10	1	<1	<1.0	17	<6	--	--	--	--	--
MAR 31...	86	--	--	--	--	--	--	--	--	--	--	--
APR 20...	--	--	--	--	--	--	--	<0.05	0.15	0.06	<0.05	<0.05
MAY 16...	100	<10	<1	<1	<1.0	19	<6	--	--	--	--	--
JUL 29...	95	--	--	--	--	--	--	--	--	--	--	--
SEP 29...	100	<10	<1	<1	<1.0	25	<6	--	--	--	--	--

DATE	CYANA- ZINE, WATER, DISS, REC (UG/L)	AMETRYN WATER, DISS, REC (UG/L)	PROP- AZINE WATER DISS REC (UG/L)	METO- LACHLOR WATER DISSOLV (UG/L)	ATRA- ZINE, WATER, DISS, REC (UG/L)	ALA- CHLOR, WATER, DISS, REC (UG/L)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)
NOV 16...	--	--	--	--	--	--	--	0.30	--	8	--	--
JAN 25...	--	--	--	--	--	--	--	0.42	--	11	--	--
MAR 31...	--	--	--	--	--	--	--	0.60	--	3	--	--
APR 20...	<0.20	<0.05	<0.05	<0.05	0.12	<0.05	<0.05	--	--	--	--	--
MAY 16...	--	--	--	--	--	--	--	0.61	--	7	--	--
JUL 29...	--	--	--	--	--	--	--	0.62	--	11	--	--
SEP 29...	--	--	--	--	--	--	--	0.59	0.081	10	0.36	0.03

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 sea level. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, June 28, 29, July 2 - 4, Aug. 1 - 3, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	153	473	372	298	494	404	590	135	70	1010	355	87
2	140	480	386	326	516	606	482	130	69	710	430	81
3	134	525	385	349	510	775	421	129	68	470	335	141
4	130	499	381	363	472	846	374	137	68	360	271	233
5	127	490	365	393	444	965	333	144	74	278	217	244
6	125	493	337	410	450	892	306	145	108	257	202	210
7	126	446	305	416	442	807	292	142	139	263	195	171
8	128	386	287	409	434	709	291	137	140	284	159	149
9	133	357	281	386	453	584	314	133	157	283	131	150
10	135	351	281	357	467	497	343	125	147	251	112	149
11	135	343	298	333	494	470	338	123	130	196	99	146
12	137	325	301	324	539	431	299	118	116	153	100	136
13	136	302	297	329	559	420	263	111	131	130	111	123
14	133	281	304	328	561	471	253	103	129	122	124	112
15	135	268	345	322	523	488	239	95	141	97	118	102
16	145	257	362	334	470	468	236	103	152	85	125	94
17	199	248	363	371	426	444	249	105	160	79	174	98
18	224	245	373	420	388	420	232	107	136	76	190	153
19	231	242	371	415	360	395	210	111	123	78	214	178
20	238	239	359	388	340	362	194	115	118	71	244	160
21	232	239	349	384	328	334	178	110	101	94	290	169
22	211	242	330	387	317	316	173	102	88	190	306	194
23	190	243	333	386	314	302	193	96	101	269	292	181
24	175	243	344	370	333	292	210	89	81	268	299	183
25	167	244	355	342	356	313	229	82	74	283	281	240
26	196	242	365	319	391	349	223	77	86	302	239	197
27	234	273	367	304	420	402	201	73	145	286	196	199
28	244	360	361	330	411	522	175	72	320	290	151	201
29	242	371	348	428	---	692	158	69	500	311	123	179
30	347	350	330	477	---	766	143	67	642	297	111	166
31	469	---	309	480	---	687	---	70	---	293	99	---
TOTAL	5751	10057	10544	11478	12212	16429	8142	3355	4514	8136	6293	4826
MEAN	186	335	340	370	436	530	271	108	150	262	203	161
MAX	469	525	386	480	561	965	590	145	642	1010	430	244
MIN	125	239	281	298	314	292	143	67	68	71	99	81
CFSM	.54	.98	1.00	1.09	1.28	1.55	.80	.32	.44	.77	.60	.47
IN.	.63	1.10	1.15	1.25	1.33	1.79	.89	.37	.49	.89	.69	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1994, BY WATER YEAR (WY)

	MEAN	261	282	379	461	526	561	432	291	258	224	246	225
MAX	1038	834	794	1166	1303	1224	918	766	866	877	1038	800	
(WY)	1960	1993	1972	1993	1960	1980	1960	1984	1973	1975	1991	1964	
MIN	68.2	130	200	188	196	214	157	92.0	66.1	47.0	48.6	44.1	
(WY)	1955	1959	1955	1956	1957	1955	1968	1955	1988	1990	1954	1954	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1951 - 1994

ANNUAL TOTAL	160444	101737	
ANNUAL MEAN	440	279	346
HIGHEST ANNUAL MEAN			628
LOWEST ANNUAL MEAN			186
HIGHEST DAILY MEAN	2580	Jan 13	3390
LOWEST DAILY MEAN	66	Jul 15	18
ANNUAL SEVEN-DAY MINIMUM	78	Jul 10	19
INSTANTANEOUS PEAK FLOW			4360
INSTANTANEOUS PEAK STAGE			5.79
INSTANTANEOUS LOW FLOW			17
ANNUAL RUNOFF (CFSM)	1.29		1.02
ANNUAL RUNOFF (INCHES)	17.50		13.79
10 PERCENT EXCEEDS	968		658
50 PERCENT EXCEEDS	319		263
90 PERCENT EXCEEDS	117		98

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 sea level. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good except for those below 100 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	57	114	68	536	138	210	6.5	1.1	214	222	6.0
2	2.5	72	88	88	441	553	171	5.7	.89	185	300	14
3	2.1	67	69	107	345	1260	139	5.1	.72	135	212	34
4	1.7	46	58	134	268	1100	113	6.1	.71	75	180	44
5	1.4	43	63	130	244	782	93	6.3	.54	55	111	51
6	1.1	47	55	153	294	577	81	6.7	3.3	80	69	38
7	.95	39	48	137	359	433	72	6.8	6.4	142	48	26
8	.85	46	47	122	381	338	64	6.2	5.9	101	34	27
9	1.0	52	45	103	343	279	58	5.4	4.7	57	23	76
10	.98	54	45	90	293	254	52	5.1	6.5	33	14	95
11	.69	47	55	81	263	246	47	4.6	43	20	9.6	107
12	.48	44	53	119	249	246	42	4.1	32	15	6.7	67
13	.32	43	55	138	246	238	40	3.6	21	15	6.1	43
14	.20	40	75	187	233	246	37	3.1	14	17	11	28
15	.11	37	102	205	210	246	35	3.4	9.0	12	17	18
16	.67	34	112	166	186	241	38	8.5	8.6	7.4	30	12
17	3.3	31	121	138	165	219	37	21	11	4.7	44	11
18	3.4	31	111	152	153	187	32	30	15	3.3	62	11
19	3.6	30	93	161	141	161	26	18	20	2.8	63	19
20	4.2	27	81	182	135	137	22	11	14	3.0	59	27
21	5.0	25	81	177	129	121	18	8.4	8.4	4.4	59	22
22	5.0	23	75	151	126	113	16	6.5	12	11	67	17
23	4.7	23	109	130	125	103	17	5.0	24	170	64	13
24	4.4	22	124	115	148	97	18	3.8	17	235	60	16
25	3.9	20	137	106	166	122	18	3.0	18	165	50	27
26	7.0	20	132	99	179	155	16	2.4	16	102	32	49
27	6.9	42	112	94	173	171	14	1.9	22	61	20	36
28	7.0	75	94	120	147	156	11	1.5	76	86	13	26
29	8.8	94	82	230	---	168	8.9	1.2	148	143	13	20
30	42	130	74	435	---	220	7.1	1.0	206	247	11	17
31	57	---	68	576	---	247	---	1.3	---	256	7.6	---
TOTAL	184.25	1361	2578	4894	6678	9554	1553.0	203.2	765.76	2657.6	1918.0	997.0
MEAN	5.94	45.4	83.2	158	238	308	51.8	6.55	25.5	85.7	61.9	33.2
MAX	57	130	137	576	536	1260	210	30	206	256	300	107
MIN	.11	20	45	68	125	97	7.1	1.0	.54	2.8	6.1	6.0
CFSM	.03	.22	.41	.78	1.17	1.52	.26	.03	.13	.42	.30	.16
IN.	.03	.25	.47	.90	1.22	1.75	.28	.04	.14	.49	.35	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1994, BY WATER YEAR (WY)

	MEAN	95.5	84.9	149	266	353	390	255	123	123	113	118	115
MAX	832	467	520	707	1047	1044	595	398	608	744	773	965	965
(WY)	1965	1986	1986	1993	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1951 - 1994

ANNUAL TOTAL	56119.42	33343.81	183	1991
ANNUAL MEAN	154	91.4	395	1968
HIGHEST ANNUAL MEAN			38.2	1969
LOWEST ANNUAL MEAN				1951
HIGHEST DAILY MEAN	2690	1260	6590	Sep 2 1969
LOWEST DAILY MEAN	.00	.11	*.00	Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	.00	.49	.00	Jun 29 1954
INSTANTANEOUS PEAK FLOW		1360	8160	Sep 2 1969
INSTANTANEOUS PEAK STAGE		4.67	**8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	.76	.45	.90	
ANNUAL RUNOFF (INCHES)	10.28	6.11	12.22	
10 PERCENT EXCEEDS	455	231	479	
50 PERCENT EXCEEDS	33	47	79	
90 PERCENT EXCEEDS	.12	3.5	3.4	

* No flow occurred on many days in 1951, 1954, 1956, 1957, 1968, 1969, 1980 - 82, 1986, 1988, 1990, 1991, 1993.

** From floodmarks.

SAVANNAH RIVER BASIN

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50'', long 83°18'22'', Oconee County, SC-Rabon County, GA, Hydrologic Unit 03060102, on left bank, 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from confluence with Tallulah River. Water-quality sampling site at gaging station (see Water Resources Data for Georgia).

DRAINAGE AREA.--207 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for May 1907 to June 1908, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above sea level. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--Records good. Periods of monthly discharge only are not included in statistics computations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	143	178	305	300	641	722	1200	647	372	540	679	833
2	142	153	282	299	582	1720	1070	634	346	504	689	914
3	142	146	263	321	544	1520	994	625	341	543	630	864
4	139	147	320	623	514	1120	938	702	362	532	685	798
5	136	377	1560	481	561	951	880	607	405	869	641	760
6	134	371	699	409	552	853	1190	561	453	803	595	758
7	134	219	500	393	500	782	1030	542	522	672	566	723
8	136	180	419	591	498	740	903	545	446	629	589	679
9	133	165	365	490	523	729	850	524	429	650	573	673
10	130	157	386	428	538	1100	826	513	824	581	539	665
11	127	152	413	418	1220	850	826	506	629	665	506	637
12	128	147	348	1200	1220	744	852	503	548	623	566	606
13	128	145	324	852	860	704	1760	490	559	675	529	593
14	128	145	330	643	720	670	1390	485	511	786	608	583
15	131	167	429	542	659	632	1140	630	514	636	1390	575
16	140	208	388	420	602	601	2070	532	501	611	3600	577
17	168	207	345	659	567	567	1480	465	487	676	9610	1590
18	155	367	328	921	542	551	1210	442	471	677	2820	1070
19	142	249	316	585	519	529	1090	433	430	680	2080	799
20	137	200	312	578	502	512	999	427	406	632	1740	696
21	141	175	416	549	495	507	936	422	388	689	1690	643
22	157	163	353	519	485	507	882	421	392	719	1480	613
23	158	157	323	468	1840	472	848	405	500	756	1290	608
24	142	153	303	452	1730	501	800	399	491	778	1170	963
25	136	149	289	446	1120	794	767	394	503	627	1100	878
26	135	171	274	450	882	592	742	404	420	566	1040	768
27	133	1660	269	496	753	2030	726	435	1600	982	1000	680
28	130	766	269	2030	687	4120	753	393	805	1610	992	626
29	129	447	340	1220	---	2320	703	381	846	1000	905	590
30	275	349	363	863	---	1670	651	376	628	811	859	562
31	281	---	317	725	---	1390	---	367	---	716	855	---
TOTAL	4570	8270	12148	19371	20856	31500	30506	15210	16129	22238	42016	22324
MEAN	147	276	392	625	745	1016	1017	491	538	717	1355	744
MAX	281	1660	1560	2030	1840	4120	2070	702	1600	1610	9610	1590
MIN	127	145	263	299	485	472	651	367	341	504	506	562
CFSM	.71	1.33	1.89	3.02	3.60	4.91	4.91	2.37	2.60	3.47	6.55	3.59
IN.	.82	1.49	2.18	3.48	3.75	5.66	5.48	2.73	2.90	4.00	7.55	4.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1994, BY WATER YEAR (WY)

	429	503	657	763	863	948	907	735	607	523	497	439
MEAN	429	503	657	763	863	948	907	735	607	523	497	439
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1940 - 1994

ANNUAL TOTAL	230482	245138	655
ANNUAL MEAN	631	672	1098
HIGHEST ANNUAL MEAN			337
LOWEST ANNUAL MEAN			1949
HIGHEST DAILY MEAN	2740	Mar 24	14800
LOWEST DAILY MEAN	127	Oct 11	88
ANNUAL SEVEN-DAY MINIMUM	129	Oct 9	90
INSTANTANEOUS PEAK FLOW		17500	* 29000
INSTANTANEOUS PEAK FLOW		9.99	13.80
INSTANTANEOUS LOW FLOW		126	88
ANNUAL RUNOFF (CFSM)	3.05	3.24	3.16
ANNUAL RUNOFF (INCHES)	41.42	44.05	42.98
10 PERCENT EXCEEDS	1340	1150	1160
50 PERCENT EXCEEDS	409	562	530
90 PERCENT EXCEEDS	156	157	230

* 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 Oct. 12, 13, 1954.

SAVANNAH RIVER BASIN

02177000 CHATTOGA RIVER NEAR CLAYTON, GA--Continued

WATER-QUALITY RECORDS

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

REMARKS.--Laboratory chemical analyses are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	COLI- FORM, FECAL, EC BROTH (MPN)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	ALKA- LINITY WAT WH TOT FET LAB MG/L AS CACO3	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
OCT 12...	0600	126	733	12.0	<20	0.4	8	10.2
NOV 08...	1000	182	746	8.0	50	0.7	8	10.6
DEC 14...	0700	311	729	6.0	50	0.2	8	10.8
JAN 11...	1030	406	747	1.5	20	--	5	11.1
FEB 08...	0700	483	738	6.5	20	0.5	6	10.4

DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TUR- BID- ITY (NTU)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 12...	6.6	20	1.0	<1	--	<0.020	<0.030	0.040	1.4
NOV 08...	7.1	17	2.0	<1	--	<0.020	<0.030	0.060	2.1
DEC 14...	7.2	14	1.0	<1	0.020	0.020	<0.030	0.020	1.3
JAN 11...	6.5	14	1.0	<1	0.020	0.020	<0.030	0.140	1.0
FEB 08...	6.8	14	1.0	2	--	<0.020	<0.030	0.050	<1.0

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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Nov. 24 - 26, July 21 - 25, those above 75 ft³/s, and those below 3.0 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	1.9	2.7	2.5	5.8	9.0	7.9	5.2	3.2	5.1	6.0	9.9
2	1.7	1.7	2.4	2.5	5.3	14	7.3	5.1	3.1	4.6	5.8	9.9
3	1.7	1.6	2.3	4.4	4.8	11	7.0	5.7	3.0	4.6	5.9	9.9
4	1.7	1.7	9.3	5.5	4.6	9.1	6.9	5.7	2.8	5.9	7.5	9.9
5	1.7	3.8	9.2	4.0	5.3	8.1	6.9	5.4	3.6	6.4	6.2	9.9
6	1.7	2.2	5.0	3.8	4.8	7.8	8.5	5.1	4.1	5.8	5.7	8.8
7	1.7	1.8	3.8	4.3	4.4	7.5	6.9	5.1	4.6	5.2	5.7	7.7
8	1.7	1.8	3.3	4.5	4.7	7.3	6.6	4.9	4.8	5.0	5.5	7.5
9	1.7	1.8	3.0	3.9	4.6	7.5	6.4	4.8	3.6	4.5	5.1	7.9
10	1.7	1.6	3.5	3.6	5.3	8.7	6.2	4.6	6.5	4.1	4.8	7.3
11	1.8	1.5	3.1	4.8	11	7.2	6.4	4.4	5.7	5.4	4.5	7.1
12	1.9	1.5	2.9	10	8.5	6.8	7.3	4.4	5.1	4.6	4.6	7.0
13	1.8	1.5	2.8	6.7	7.0	6.6	11	4.2	4.8	5.1	4.9	6.9
14	1.7	1.6	3.5	5.5	6.3	6.7	7.9	4.3	4.4	4.7	4.8	6.8
15	1.7	2.1	3.3	4.5	6.8	8.1	8.9	5.6	4.1	4.1	14	6.5
16	2.1	1.8	3.0	3.9	5.6	6.4	12	4.3	4.2	3.8	74	6.9
17	2.0	2.6	2.8	6.8	5.2	6.2	8.5	3.9	4.6	3.6	119	14
18	1.9	2.0	2.7	6.4	5.1	6.0	7.8	3.8	4.0	3.6	28	8.9
19	1.9	1.7	2.7	5.1	4.9	5.7	6.9	3.8	3.8	3.6	20	7.9
20	1.9	1.7	3.2	4.4	4.9	5.7	7.0	3.8	3.8	4.0	16	7.4
21	1.9	1.7	3.4	4.1	4.8	5.8	6.5	3.8	4.5	4.0	14	6.8
22	1.9	1.7	2.9	3.8	5.0	5.6	6.4	3.7	4.3	4.5	13	6.4
23	1.7	1.5	2.8	3.8	16	5.4	6.1	3.7	3.7	5.0	12	6.7
24	1.7	1.4	2.7	3.8	11	6.4	5.8	3.6	4.2	5.5	11	9.0
25	1.7	1.4	2.5	3.8	8.4	7.3	5.8	3.6	3.8	6.5	11	9.4
26	1.8	7.0	2.5	4.0	7.4	6.0	5.7	3.7	5.5	5.7	11	7.8
27	1.8	15	2.5	4.9	6.9	28	6.3	3.5	11	8.8	11	7.3
28	1.9	4.7	2.7	16	6.5	19	5.8	3.3	8.1	7.9	10	6.8
29	2.0	3.4	3.1	8.1	---	14	5.6	3.2	8.3	6.7	10	6.6
30	3.7	3.0	2.7	6.9	---	10	5.4	3.3	6.0	6.0	9.9	6.3
31	1.9	---	2.5	6.3	---	8.7	---	3.3	---	5.5	9.9	---
TOTAL	57.8	78.7	104.8	162.6	180.9	271.6	213.7	132.8	143.2	159.8	470.8	241.2
MEAN	1.86	2.62	3.38	5.25	6.46	8.76	7.12	4.28	4.77	5.15	15.2	8.04
MAX	3.7	15	9.3	16	16	28	12	5.7	11	8.8	119	14
MIN	1.7	1.4	2.3	2.5	4.4	5.4	5.4	3.2	2.8	3.6	4.5	6.3
CFSM	.86	1.21	1.57	2.43	2.99	4.06	3.30	1.98	2.21	2.39	7.03	3.72
IN.	1.00	1.36	1.80	2.80	3.12	4.68	3.68	2.29	2.47	2.75	8.11	4.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1994, BY WATER YEAR (WY)

	MEAN	7.74	7.69	7.08	7.90	10.0	11.9	8.72	6.95	7.69	7.80	8.69	7.52
MAX	22.8	14.9	12.9	15.6	25.4	20.9	11.2	11.9	21.8	26.2	15.2	16.9	16.9
(WY)	1990	1993	1993	1990	1990	1990	1990	1990	1989	1989	1994	1989	1989
MIN	1.86	2.62	3.31	4.75	5.86	8.44	7.12	3.17	2.39	2.56	2.53	2.46	2.46
(WY)	1994	1994	1989	1989	1989	1991	1994	1988	1988	1993	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1988 - 1994

ANNUAL TOTAL	2050.3	2217.9	8.61
ANNUAL MEAN	5.62	6.08	12.9
HIGHEST ANNUAL MEAN			6.08
LOWEST ANNUAL MEAN			135
HIGHEST DAILY MEAN	43	May 4	119
LOWEST DAILY MEAN	1.4	Nov 24	1.4
ANNUAL SEVEN-DAY MINIMUM	1.6	Nov 19	1.6
INSTANTANEOUS PEAK FLOW			432
INSTANTANEOUS PEAK STAGE			3.11
INSTANTANEOUS LOW FLOW			1.4
ANNUAL RUNOFF (CFSM)	2.60	2.81	3.98
ANNUAL RUNOFF (INCHES)	35.31	38.20	54.13
10 PERCENT EXCEEDS	11	9.9	15
50 PERCENT EXCEEDS	3.7	5.0	6.2
90 PERCENT EXCEEDS	1.7	1.8	2.6

* Also occurred on June 15, 16, 19, 1988, Nov. 24, 25, 1993.

** Also occurred on July 22 - 23, Nov. 21 - 24, 1993.

*** Also occurred on Nov. 25.

**** Also occurred on Nov. 22 - 24.

SAVANNAH RIVER BASIN

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11'', long 82°58'48'', Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on County Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi².

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Data collection platform. Datum of gage is 807.63 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Aug. 16 - 19, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	69	104	131	145	222	235	131	83	114	154	199
2	62	64	98	130	139	528	202	125	82	102	154	221
3	61	63	95	123	133	340	186	129	92	100	139	212
4	59	63	118	189	123	249	175	147	87	137	239	199
5	56	144	296	143	141	203	166	133	90	199	165	197
6	53	103	154	128	137	170	194	125	111	171	145	195
7	53	82	127	126	127	155	178	121	99	137	135	191
8	53	75	115	155	130	149	163	121	104	128	129	180
9	53	71	106	132	135	145	155	115	92	124	124	179
10	52	69	113	124	136	179	153	115	339	112	119	179
11	50	66	112	124	365	151	153	112	186	119	114	173
12	50	65	100	334	271	136	164	109	166	141	113	167
13	51	65	98	201	195	131	220	105	127	151	114	165
14	51	65	107	161	164	129	206	102	113	154	119	162
15	51	68	127	141	136	125	217	160	105	127	504	158
16	53	69	113	135	128	119	448	115	101	121	1700	153
17	61	68	105	183	121	115	270	109	105	125	4400	297
18	58	69	99	219	117	115	236	103	102	115	1400	218
19	56	68	88	171	112	110	204	100	94	117	460	190
20	55	67	90	149	110	107	192	97	89	162	368	173
21	57	63	130	139	109	112	180	97	87	129	288	163
22	64	63	108	132	109	117	171	99	85	284	264	157
23	67	63	100	129	491	115	158	94	83	221	240	158
24	60	63	95	126	358	123	152	92	88	342	247	212
25	57	62	90	122	243	183	149	90	97	200	245	196
26	57	71	94	120	204	143	146	91	94	162	235	182
27	57	463	141	123	191	404	143	93	310	491	225	165
28	54	190	139	442	193	655	143	87	176	908	221	153
29	53	135	143	232	---	467	136	86	184	269	210	149
30	112	115	137	180	---	324	133	85	134	201	204	149
31	83	---	133	157	---	262	---	83	---	169	212	---
TOTAL	1822	2761	3675	5101	4963	6483	5628	3371	3705	6032	13386	5492
MEAN	58.8	92.0	119	165	177	209	188	109	123	195	432	183
MAX	112	463	296	442	491	655	448	160	339	908	4400	297
MIN	50	62	88	120	109	107	133	83	82	100	113	149
CFSM	.82	1.28	1.65	2.29	2.46	2.90	2.61	1.51	1.72	2.70	6.00	2.54
IN.	.94	1.43	1.90	2.64	2.56	3.35	2.91	1.74	1.91	3.12	6.92	2.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1994, 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	1993	1994
MEAN	120	154	193	223	216	246	225	200	173	129	147	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119
MAX	302	412	368	399	371	477	416	463	577	350	432	286	286	286	286	286	286	286	286	286	286	286	286	286	286	286	286	286
(WY)	1990	1980	1968	1978	1974	1980	1980	1973	1967	1989	1994	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977
MIN	49.0	47.4	77.4	87.8	86.5	91.9	78.3	63.9	40.5	22.5	31.9	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
(WY)	1982	1982	1989	1981	1989	1981	1986	1986	1988	1986	1986	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970	1970

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1967 - 1994

ANNUAL TOTAL	72037	62419	177	1980
ANNUAL MEAN	197	171	85.2	1986
HIGHEST ANNUAL MEAN			255	1986
LOWEST ANNUAL MEAN			12	1986
HIGHEST DAILY MEAN	963	Mar 27	10000	Jun 4 1967
LOWEST DAILY MEAN	50	Oct 11	12	Aug 3 1986
ANNUAL SEVEN-DAY MINIMUM	51	Oct 9	15	Jul 31 1986
INSTANTANEOUS PEAK FLOW			12800	Jun 4 1967
INSTANTANEOUS PEAK STAGE			12.29	Jun 4 1967
INSTANTANEOUS LOW FLOW			12	Aug 3 1986
ANNUAL RUNOFF (CFSM)	2.74		2.46	
ANNUAL RUNOFF (INCHES)	37.22		33.45	
10 PERCENT EXCEEDS	380		297	
50 PERCENT EXCEEDS	135		141	
90 PERCENT EXCEEDS	63		66	

* Also occurred on Oct. 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 sea level (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, 800.16 ft, Apr. 26, 1994; minimum gage height, 793.60 ft, Nov. 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 800.16 ft, Apr. 26, minimum gage height, 795.63 ft, Nov. 11.

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 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	797.14	796.00	797.13	798.57	797.87	798.81	799.53	798.25	799.36	799.20	798.99	799.94
2	797.12	796.01	797.13	798.29	798.10	799.20	799.09	798.15	799.62	799.19	798.97	799.91
3	797.12	796.00	797.10	798.16	798.12	799.23	798.77	798.28	799.73	799.19	798.92	799.78
4	796.81	796.06	797.30	798.03	797.99	799.10	798.98	798.63	799.18	799.02	799.01	799.76
5	796.76	796.23	796.84	797.93	797.87	798.97	799.17	798.51	799.54	798.75	798.83	799.42
6	796.75	796.23	796.80	797.72	797.64	798.56	799.06	798.64	798.76	798.72	799.07	799.51
7	796.73	796.24	796.97	797.63	797.47	798.54	799.28	798.92	798.70	798.94	798.62	799.83
8	796.73	795.93	797.14	797.41	797.33	798.55	799.39	798.83	798.84	799.26	798.66	799.92
9	796.73	795.72	797.26	797.27	797.19	798.55	799.41	798.83	798.84	799.66	798.79	799.72
10	796.73	795.72	797.35	797.19	797.50	798.82	799.24	798.89	798.67	799.08	799.11	799.77
11	796.61	795.65	796.96	797.27	797.75	798.81	799.84	799.02	798.21	798.80	798.85	799.47
12	796.61	795.66	796.59	797.32	797.64	798.82	799.66	799.44	799.28	798.84	799.04	799.48
13	796.47	795.69	796.76	797.46	797.47	798.62	799.64	799.37	799.12	799.24	799.18	799.52
14	796.35	795.71	796.93	797.36	797.53	798.68	799.45	799.20	799.54	799.64	798.51	799.65
15	796.25	795.75	797.11	797.62	797.59	798.71	799.37	799.12	799.59	799.71	798.94	799.58
16	796.27	795.76	797.16	797.82	797.47	798.58	799.08	799.36	799.48	799.59	798.95	799.74
17	796.28	795.79	797.16	797.63	797.40	798.82	798.77	799.28	799.50	799.16	797.90	799.73
18	796.06	795.80	797.31	797.97	797.29	798.80	799.21	799.34	799.73	799.34	797.91	799.47
19	795.95	795.82	797.42	798.28	797.33	798.67	799.29	799.54	799.46	798.74	798.26	799.34
20	795.85	795.82	797.59	798.31	797.19	798.59	799.58	799.47	799.12	798.99	798.20	799.22
21	795.86	795.83	797.62	798.37	797.25	798.83	799.45	799.51	799.43	799.07	797.89	799.48
22	795.90	795.83	798.20	798.34	797.40	799.01	799.52	799.38	799.32	799.16	799.22	799.49
23	795.89	795.85	798.01	798.03	798.14	799.39	799.38	799.78	799.07	799.40	799.75	799.50
24	795.89	795.96	797.94	797.84	798.16	799.53	799.16	799.62	799.38	799.21	799.63	799.56
25	795.89	795.97	797.91	797.70	798.24	799.35	799.66	799.64	799.32	799.11	799.84	799.69
26	795.90	796.14	797.82	797.76	798.34	799.32	799.95	799.14	798.48	799.09	799.60	799.82
27	795.91	797.06	797.63	797.88	798.42	799.48	799.01	799.62	798.13	799.22	799.61	799.70
28	795.89	797.10	797.83	798.01	798.61	799.72	799.26	799.54	798.35	799.03	799.37	799.66
29	795.91	797.15	798.05	797.89	---	799.71	799.55	799.61	799.37	799.01	799.70	799.62
30	796.01	797.17	798.31	797.70	---	799.53	798.69	799.61	798.98	798.55	799.72	799.53
31	796.03	---	798.46	797.83	---	799.53	---	799.10	---	799.26	799.92	---
MAX	797.14	797.17	798.46	798.57	798.61	799.72	799.95	799.78	799.73	799.71	799.92	799.94
MIN	795.85	795.65	796.59	797.19	797.19	798.54	798.69	798.15	798.13	798.55	797.89	799.22
(+)	13.98	14.86	15.86	15.37	15.98	16.69	16.04	16.36	16.27	16.49	17.00	16.70
(*)	-325	+340	+373	-183	+252	+265	-251	+119	-34.7	+82.1	+190	-116
CAL YR 1993	*	+17.3	MAX 799.68	MIN 795.65								
WTR YR 1994	*	+58.7	MAX 799.95	MIN 795.65								

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

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

SAVANNAH RIVER BASIN

02186000 TWELVE MILE CREEK NEAR LIBERTY, SC

LOCATION.--Lat 34°48'05'', long 82°44'55'', Pickens County, Hydrologic Unit 03060101, on left bank, 40 ft downstream from bridge on State Road 137, 0.8 mi downstream from Rices Creek, and 3.4 mi west of Liberty.

DRAINAGE AREA.--106 mi².

PERIOD OF RECORD.--May 1967 to July 1968 (discharge measurements only), July 1954 to September 1964, May 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 822.18 ft above sea level (levels by Soil Conservation Service).

REMARKS.--Records good except for estimated daily discharges, Oct. 30, 31, Jan. 6, 7, 24 - 26, May 11 - 24, June 17, Aug. 20 - 26, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	96	117	104	164	196	268	156	96	164	178	159
2	74	88	109	104	151	544	237	150	97	140	154	181
3	75	85	106	110	142	510	219	150	116	135	137	176
4	73	85	117	218	136	319	208	184	116	135	194	154
5	71	220	338	179	157	255	198	162	117	138	172	145
6	69	176	195	140	171	223	228	150	122	144	138	156
7	69	113	145	130	146	204	218	147	113	120	126	160
8	69	99	128	225	149	194	184	148	107	112	120	145
9	69	95	120	175	173	185	186	145	101	109	115	141
10	67	93	124	146	172	244	185	140	129	104	110	147
11	67	90	135	134	850	205	185	136	147	115	104	143
12	66	89	117	489	775	181	179	132	145	151	102	135
13	69	89	110	322	380	175	266	128	149	131	102	134
14	69	89	119	213	269	171	240	124	145	131	102	135
15	69	93	161	169	223	165	227	195	139	108	341	134
16	69	96	145	146	196	158	690	159	133	99	1080	133
17	71	93	127	192	180	150	361	137	210	109	4880	142
18	72	91	118	377	169	149	266	132	176	112	1210	163
19	72	90	115	220	162	148	231	128	142	104	1010	126
20	72	90	114	177	154	145	211	123	126	236	885	117
21	72	86	174	159	156	145	195	119	116	150	587	106
22	84	85	143	148	161	148	186	114	110	193	313	106
23	95	85	129	140	684	143	179	110	117	144	239	106
24	82	85	120	136	710	144	169	105	110	153	209	126
25	78	85	115	133	358	262	167	102	123	154	190	183
26	77	87	110	133	266	201	164	103	115	123	175	184
27	75	663	107	132	220	304	175	109	645	127	166	127
28	75	297	106	449	195	1050	232	102	296	1610	164	114
29	72	163	121	330	---	886	171	99	462	515	151	108
30	145	132	115	220	---	458	161	99	220	247	145	106
31	150	---	107	183	---	322	---	97	---	173	163	---
TOTAL	2411	3828	4107	6133	7669	8584	6796	4085	4940	6186	13762	4192
MEAN	77.8	128	132	198	274	277	227	132	165	200	444	140
MAX	150	663	338	489	850	1050	690	195	645	1610	4880	184
MIN	66	85	106	104	136	143	161	97	96	99	102	106
CFSM	.73	1.20	1.25	1.87	2.58	2.61	2.14	1.24	1.55	1.88	4.19	1.32
IN.	.85	1.34	1.44	2.15	2.69	3.01	2.39	1.43	1.73	2.17	4.83	1.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 1994. BY WATER YEAR (WY)

MEAN	134	148	193	227	288	319	312	210	174	159	160	121
MAX	293	415	555	564	467	570	578	331	344	292	444	224
(WY)	1990	1993	1962	1993	1961	1963	1964	1958	1961	1989	1994	1992
MIN	38.0	66.3	54.3	55.0	165	113	179	110	81.7	67.8	54.3	36.7
(WY)	1955	1956	1956	1956	1991	1955	1955	1957	1956	1957	1954	1954

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1954 - 1994
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ANNUAL TOTAL	87165		72693				
ANNUAL MEAN	239		199			204	
HIGHEST ANNUAL MEAN						297	1993
LOWEST ANNUAL MEAN						112	1955
HIGHEST DAILY MEAN	1940	Mar 27	4880	Aug 17	4880	Aug 17	1994
LOWEST DAILY MEAN	66	Oct 12	66	Oct 12	32	Oct 5	1954
ANNUAL SEVEN-DAY MINIMUM	68	Oct 6	68	Oct 6	34	Sep 30	1954
INSTANTANEOUS PEAK FLOW			6360	Aug 17	6360	Aug 17	1994
INSTANTANEOUS PEAK STAGE			13.10	Aug 17	13.10	Aug 17	1994
INSTANTANEOUS LOW FLOW			65	*Oct 11	30	Sep 23	1955
ANNUAL RUNOFF (CFSM)	2.25		1.88		1.92		
ANNUAL RUNOFF (INCHES)	30.59		25.51		26.14		
10 PERCENT EXCEEDS	427		296		331		
50 PERCENT EXCEEDS	156		145		147		
90 PERCENT EXCEEDS	81		88		75		

* Also occurred on Oct. 12.

SAVANNAH RIVER BASIN

02186645 CONERROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 740 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good except those above 2,500 ft³/s which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	58	79	66	90	133	149	81	60	90	69	125
2	43	54	74	65	84	427	133	77	59	81	122	152
3	42	52	70	78	81	256	123	82	73	76	97	110
4	41	52	81	157	78	165	116	96	62	75	142	98
5	41	167	186	108	99	135	110	85	89	86	93	91
6	40	94	103	89	94	121	134	79	167	83	76	89
7	41	69	85	82	84	113	115	75	97	73	69	87
8	40	62	77	94	96	106	103	81	77	69	65	82
9	40	59	73	80	93	102	99	77	76	66	62	86
10	39	57	84	76	96	133	98	74	114	71	59	81
11	38	56	81	75	490	105	95	72	104	88	56	78
12	40	55	73	231	310	97	96	70	81	89	56	75
13	41	54	70	142	176	94	181	68	75	80	58	73
14	41	53	82	107	135	92	128	68	84	95	71	71
15	41	58	92	92	118	90	163	210	76	76	203	70
16	44	55	79	83	107	86	496	111	72	65	805	69
17	48	55	74	120	100	84	234	87	66	67	2800	110
18	46	55	71	158	94	84	161	78	70	67	727	101
19	44	53	71	108	89	81	136	74	65	63	471	85
20	44	53	75	93	86	79	124	71	60	71	405	76
21	44	52	106	88	90	81	115	70	57	61	351	72
22	53	52	83	83	86	83	107	71	55	67	285	70
23	53	52	76	81	418	77	100	68	53	76	254	71
24	48	52	72	79	341	94	95	66	55	114	240	90
25	48	51	70	77	180	299	92	65	66	72	227	87
26	47	63	67	77	139	147	90	67	77	67	214	89
27	46	389	65	77	118	171	91	69	421	72	204	76
28	45	157	64	244	108	476	102	63	206	219	197	72
29	45	103	80	151	---	503	87	62	163	107	185	69
30	114	87	71	112	---	239	83	61	109	79	170	69
31	72	---	67	98	---	178	---	60	---	70	150	---
TOTAL	1452	2329	2501	3271	4080	4931	3956	2438	2889	2535	8983	2574
MEAN	46.8	77.6	80.7	106	146	159	132	78.6	96.3	81.8	290	85.8
MAX	114	389	186	244	490	503	496	210	421	219	2800	152
MIN	38	51	64	65	78	77	83	60	53	61	56	69
CFSM	.72	1.19	1.23	1.61	2.23	2.43	2.02	1.20	1.47	1.25	4.43	1.31
IN.	.83	1.32	1.42	1.86	2.32	2.80	2.25	1.39	1.64	1.44	5.11	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

MEAN	106	116	122	167	163	218	135	106	108	102	140	84.4
MAX	211	281	259	349	205	323	238	165	152	255	290	127
(WY)	1990	1993	1993	1993	1993	1990	1993	1991	1989	1989	1994	1992
MIN	46.8	64.4	78.2	92.7	102	129	65.9	61.3	58.3	52.1	49.7	50.4
(WY)	1994	1991	1991	1992	1991	1991	1989	1989	1990	1990	1993	1993

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1989 - 1994

ANNUAL TOTAL	51585	41939	
ANNUAL MEAN	141	115	131
HIGHEST ANNUAL MEAN			180
LOWEST ANNUAL MEAN			114
HIGHEST DAILY MEAN	1070	Mar 24	2800
LOWEST DAILY MEAN	38	Oct 11	34
ANNUAL SEVEN-DAY MINIMUM	40	Oct 6	35
INSTANTANEOUS PEAK FLOW			* 3590
INSTANTANEOUS PEAK STAGE			15.26
INSTANTANEOUS LOW FLOW			36
ANNUAL RUNOFF (CFSM)	2.16	1.76	2.00
ANNUAL RUNOFF (INCHES)	29.34	23.86	27.14
10 PERCENT EXCEEDS	274	180	221
50 PERCENT EXCEEDS	83	81	86
90 PERCENT EXCEEDS	46	53	50

* From rating curve extended above 1,300 ft³/s.

SAVANNAH RIVER BASIN

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi².

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by Corps of Engineers). Prior to October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft³ between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 8, 1964; minimum elevation, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 664.76 ft, Aug. 17; minimum, 652.86 ft, Dec. 31.

Capacity Table

(Computed from table prepared by Corps of Engineers)

Elevation, in feet (sea level)	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 SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	655.79	654.37	654.27	652.96	653.63	655.84	659.99	661.15	660.73	661.97	662.09	661.71
2	655.79	654.25	654.19	653.03	653.59	656.32	660.22	661.03	660.83	662.11	661.92	661.18
3	655.82	654.17	654.15	653.02	653.57	656.58	660.33	660.95	660.75	662.21	661.78	661.06
4	655.83	654.19	654.33	653.06	653.53	656.63	660.35	660.85	660.83	662.17	661.68	660.98
5	655.81	654.31	654.57	652.99	653.67	656.80	660.40	660.89	660.95	662.29	661.64	660.82
6	655.83	654.42	654.51	652.98	653.77	656.95	660.53	660.85	660.99	662.33	661.68	660.56
7	655.69	654.48	654.41	652.94	653.71	656.96	660.59	660.89	660.94	662.35	661.74	660.54
8	655.53	654.49	654.29	653.04	653.79	657.03	660.71	660.99	660.88	662.31	661.49	660.53
9	655.55	654.49	654.17	653.12	653.79	657.18	660.85	660.91	660.88	662.36	661.24	660.54
10	655.57	654.39	654.09	653.10	653.81	657.32	660.97	660.91	660.92	662.44	661.06	660.69
11	655.47	654.35	654.17	653.08	654.17	657.44	660.89	660.79	661.00	662.29	660.80	660.77
12	655.35	654.27	654.27	653.26	654.44	657.50	660.93	660.79	661.06	662.05	660.67	660.75
13	655.27	654.31	654.19	653.32	654.59	657.62	661.15	660.75	661.14	661.76	660.74	660.77
14	655.19	654.36	654.17	653.32	654.53	657.58	661.19	660.81	661.13	661.49	660.84	660.67
15	655.13	654.29	654.13	653.33	654.51	657.58	661.23	661.03	661.25	661.25	660.82	660.63
16	655.19	654.22	654.05	653.35	654.49	657.52	661.71	660.94	661.32	661.47	662.32	660.63
17	655.25	654.18	653.95	653.37	654.49	657.52	661.91	660.95	661.32	661.51	664.70	660.81
18	655.15	654.11	654.03	653.38	654.45	657.50	661.85	660.87	661.38	661.45	664.08	660.95
19	655.03	654.01	654.07	653.09	654.55	657.56	661.63	660.75	661.40	661.41	664.02	660.86
20	654.91	654.09	653.97	653.04	654.61	657.64	661.57	660.71	661.42	661.27	664.34	660.83
21	654.75	654.15	653.87	653.02	654.62	657.63	661.41	660.79	661.40	661.20	664.48	660.67
22	654.67	654.01	653.68	653.14	654.59	657.64	661.07	660.83	661.38	661.18	664.14	660.55
23	654.71	653.87	653.60	653.20	654.91	657.61	661.15	660.81	661.38	661.51	664.18	660.43
24	654.73	653.79	653.53	653.18	655.14	657.97	661.24	660.71	661.34	661.67	664.26	660.55
25	654.59	653.77	653.61	653.12	655.26	658.31	661.15	660.72	661.38	661.59	663.94	660.67
26	654.47	653.79	653.63	653.12	655.50	658.55	660.97	660.68	661.40	661.45	663.58	660.61
27	654.33	654.26	653.53	653.20	655.62	658.67	660.97	660.65	661.82	661.51	663.52	660.51
28	654.19	654.41	653.47	653.42	655.62	659.30	660.97	660.67	661.99	661.83	663.44	660.43
29	654.12	654.35	653.24	653.56	---	659.69	661.01	660.74	662.00	661.97	662.90	660.27
30	654.37	654.31	652.97	653.75	---	659.81	661.07	660.76	662.02	662.09	662.60	660.20
31	654.43	---	652.88	653.66	---	659.91	---	660.73	---	662.17	662.26	---
MAX	655.83	654.49	654.57	653.75	655.62	659.91	661.91	661.15	662.02	662.44	664.70	661.71
MIN	654.12	653.77	652.88	652.94	653.53	655.84	659.99	660.65	660.73	661.18	660.67	660.20
(+)	48.76	48.50	45.40	47.08	51.41	61.44	64.30	63.46	66.68	67.06	67.29	62.15
(*)	-1247	-100	-1157	+627	+1790	+3745	+1103	-314	+1242	+142	+85.9	-1983

CAL YR 1993 * -380 MAX 662.70 MIN 652.88
WTR YR 1994 * +319 MAX 664.70 MIN 652.88

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, 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 sea level (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 488.78 ft, Aug. 18, 1994; minimum, 474.58 ft, June 4, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 488.78 ft, Aug. 18; minimum, 475.09 ft, Nov. 21.

ELEVATION (FEET SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	480.67	475.19	476.74	481.80	475.12	476.38	482.87	475.18	476.34	475.21	475.20	475.20
2	475.19	475.19	475.19	481.79	475.12	476.42	482.90	475.19	476.32	475.20	475.20	475.20
3	475.19	475.18	475.19	481.80	475.11	476.39	482.87	475.19	476.30	480.34	475.20	476.29
4	480.44	475.19	476.37	481.85	475.11	476.44	475.24	475.19	475.20	480.76	475.20	476.37
5	478.71	475.18	475.66	481.75	475.18	476.44	475.20	475.19	475.19	480.76	475.20	476.42
6	475.19	475.18	475.19	475.18	475.17	475.18	480.62	475.19	476.77	480.85	475.20	476.32
7	480.86	475.19	476.63	475.18	475.17	475.18	480.77	475.20	476.93	480.72	475.20	476.31
8	480.65	475.19	476.60	481.66	475.17	476.31	482.87	475.19	476.78	475.21	475.20	475.21
9	475.20	475.19	475.19	479.14	475.17	476.47	482.89	475.19	476.83	475.21	475.20	475.21
10	475.19	475.19	475.19	479.49	475.17	476.48	480.77	475.20	476.92	482.88	475.20	476.19
11	482.83	475.19	476.41	479.62	475.17	476.59	475.22	475.17	475.19	482.90	475.20	476.18
12	482.81	475.19	476.41	479.61	475.18	476.59	475.20	475.19	475.20	482.90	475.20	476.19
13	480.71	475.19	476.47	475.18	475.17	475.17	482.92	475.19	476.50	482.87	475.20	476.20
14	480.30	475.18	476.47	475.18	475.17	475.17	482.87	475.19	476.52	482.87	475.20	476.18
15	480.61	475.18	476.51	479.16	475.10	476.52	482.85	475.20	476.51	478.87	475.20	475.69
16	475.19	475.18	475.18	479.22	475.11	476.45	482.89	475.20	476.50	479.10	475.21	475.71
17	475.19	475.18	475.18	479.42	475.11	476.48	482.88	475.20	476.52	482.91	475.21	476.20
18	481.80	475.12	476.96	479.14	475.11	476.45	475.20	475.19	475.20	482.93	475.21	476.59
19	481.82	475.12	477.21	479.47	475.10	476.53	475.20	475.19	475.20	482.96	475.22	478.18
20	481.77	475.12	477.22	475.11	475.10	475.10	482.94	475.20	477.00	482.94	475.24	476.22
21	481.78	475.12	476.76	475.11	475.09	475.10	482.87	475.19	476.65	482.96	475.24	476.22
22	481.80	475.12	476.76	481.80	475.10	476.52	482.89	475.19	477.24	475.24	475.23	475.24
23	475.13	475.11	475.12	481.78	475.10	476.57	482.91	475.20	476.64	475.24	475.23	475.24
24	475.12	475.12	475.12	481.67	475.18	476.56	482.78	475.19	475.96	482.93	475.23	476.20
25	480.63	475.12	476.75	479.12	475.17	475.55	475.22	475.19	475.20	482.97	475.23	476.20
26	480.63	475.12	476.70	479.11	475.18	476.16	475.21	475.19	475.20	482.95	475.23	476.20
27	480.65	475.12	476.71	475.30	475.19	475.20	482.86	475.19	476.35	482.97	475.23	476.20
28	480.60	475.12	476.71	480.77	475.18	475.71	482.85	475.20	476.34	482.95	475.23	476.22
29	480.58	475.12	476.69	482.88	475.19	476.31	482.83	475.20	478.05	475.23	475.23	475.23
30	475.17	475.12	475.13	482.89	475.18	476.31	482.87	475.20	477.39	475.23	475.23	475.23
31	475.13	475.11	475.12	---	---	---	482.90	475.20	476.38	482.91	475.23	476.68
MONTH	482.83	475.11	476.11	482.89	475.09	476.09	482.94	475.17	476.30	482.97	475.20	476.03

SAVANNAH RIVER BASIN

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'15'', long 82°48'55'', Anderson County (SC), Hydrologic Unit 03060103, on left bank at Highway 29, 6.8 mi east of Hartwell, and at mile 304.6.

DRAINAGE AREA.--2,090 mi², approximately.

PERIOD OF RECORD.--October 1984 to current year.

REVISED RECORDS.--WRD SC-91.1: 1990.

GAGE.--Data collection platform. Elevation of gage is 470 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 27, Nov. 24 to Dec. 1, 10, 14, Jan. 3, Feb. 9, 24, Mar. 15, Apr. 22 - 27, May 4, 6, 10, 21, 22, July 14 - 21, Aug. 4 - 15, Sept. 15 - 23, 28 - 30, 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 Aug. 16 to Sept. 14.

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4340	3560	3470	85	3100	3100	2990	130	3420	3440	5520	---
2	85	3620	3460	84	3080	3100	117	5140	3390	126	7900	---
3	85	3590	3480	3000	3080	3090	118	4960	3420	129	8020	---
4	3370	3680	87	3030	3110	3070	3070	5500	128	3490	8260	---
5	1270	3640	85	3070	93	110	3060	919	129	3460	8510	---
6	84	112	4380	3050	91	111	6150	3420	2220	3910	110	---
7	4260	107	4780	3060	3070	3070	1850	144	3030	3490	110	---
8	4210	3570	4960	90	1730	3100	1430	147	3910	3490	10000	---
9	85	3610	4840	89	3120	3080	123	3770	2700	128	9890	---
10	85	3610	4780	3120	3120	3070	125	4000	2700	134	9820	---
11	3490	3580	86	3100	3130	3050	5470	3780	122	7730	9740	---
12	3480	3600	85	3120	85	107	5380	3080	126	10100	9750	---
13	3460	112	3890	3110	88	109	5400	3050	3120	10600	110	---
14	3460	112	3900	3120	4470	3000	5600	128	3960	10700	110	---
15	3430	3630	3880	1270	3060	2990	9360	130	2690	10700	9850	4480
16	84	3620	3920	1290	3040	3010	126	4160	2640	130	---	3910
17	83	3600	3900	3160	3040	3010	126	1690	2660	130	---	110
18	5080	3580	85	4220	3060	3010	5510	3770	126	5610	---	110
19	5760	3600	85	9360	105	118	10600	3810	126	5210	---	6230
20	5770	72	5640	3120	105	117	10700	2470	3040	7250	---	3160
21	4410	70	4140	3160	3120	3140	10800	130	4440	5570	---	6190
22	4440	3870	6400	95	3120	3110	11000	130	3030	4670	---	5740
23	54	3910	4290	97	3130	3090	125	2890	3020	124	---	5760
24	54	3900	2290	3150	3120	3070	125	4850	3010	133	---	105
25	4070	1000	86	3140	3090	3060	9210	2750	120	5500	---	109
26	4060	3100	84	3120	101	109	10700	2750	123	5380	---	5340
27	4100	90	3520	3110	99	112	5310	2660	3790	5380	---	5320
28	4100	1500	3480	3130	3130	3660	5010	128	3380	5050	---	5320
29	4170	3450	8080	91	---	3050	4960	130	3430	5040	---	6590
30	78	3450	6810	91	---	3000	128	1430	3410	112	---	6980
31	70	---	3510	4930	---	3010	---	2040	---	112	---	---
TOTAL	81577	78945	102483	77662	62687	71833	134673	74086	71410	127028	---	---
MEAN	2632	2631	3306	2505	2239	2317	4489	2390	2380	4098	---	---
MAX	5770	3910	8080	9360	4470	3660	11000	5500	4440	10700	---	---
MIN	54	70	84	84	85	107	117	128	120	112	---	---

SUMMARY STATISTICS

FOR 1994 WATER YEAR

WATER YEARS 1985 - 1994

LOWEST DAILY MEAN
INSTANTANEOUS PEAK FLOW
INSTANTANEOUS PEAK STAGE

* 54
Unknown
17.18

**Oct 23
Aug 17

* 35
Unknown
17.18

Jun 4 1992
Aug 17 1994
Aug 17 1994

* May have been less during periods of backwater.

** Also occurred on Oct. 24.

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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Sept. 17 - 22, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	107	89	87	127	130	218	89	55	91	70	71
2	38	59	84	85	128	539	217	83	55	77	78	114
3	37	55	80	94	115	630	192	84	58	71	69	109
4	37	53	80	187	109	332	159	123	58	80	107	94
5	36	196	238	155	115	243	123	82	108	167	111	83
6	35	218	126	112	132	205	176	78	221	103	85	80
7	34	99	98	105	125	163	209	76	104	78	72	80
8	37	75	89	200	148	151	115	81	84	72	66	79
9	35	68	85	97	171	142	112	81	77	78	62	74
10	34	65	99	124	172	164	115	78	74	77	59	74
11	34	64	96	147	222	155	117	75	80	76	57	70
12	35	64	87	262	325	138	121	73	80	90	55	66
13	35	63	79	338	251	129	178	72	99	77	60	64
14	34	62	112	286	204	126	131	69	80	83	57	61
15	34	64	161	278	181	107	129	83	72	71	147	59
16	35	64	106	187	166	74	259	88	140	65	341	58
17	37	64	94	146	155	71	156	80	98	62	1950	100
18	38	70	89	155	154	70	123	75	91	59	1410	92
19	38	67	87	122	156	70	115	67	81	59	451	80
20	38	67	90	139	151	69	110	64	74	64	174	71
21	38	63	164	131	148	69	106	63	66	58	182	67
22	44	60	120	124	151	71	104	65	56	77	183	65
23	57	60	128	111	174	70	101	64	54	102	137	61
24	51	59	102	107	302	74	97	62	56	233	113	66
25	47	59	96	107	237	332	94	61	73	186	102	79
26	46	58	92	103	182	303	94	57	67	91	96	75
27	47	256	88	103	143	220	94	67	285	81	89	67
28	46	312	85	172	131	347	113	63	381	79	85	62
29	45	126	95	203	---	851	101	60	423	76	81	59
30	211	100	100	157	---	545	94	57	118	70	75	57
31	131	---	92	136	---	237	---	56	---	65	68	---
TOTAL	1482	2797	3231	4760	4775	6827	4073	2276	3368	2718	6692	2237
MEAN	47.8	93.2	104	154	171	220	136	73.4	112	87.7	216	74.6
MAX	211	312	238	338	325	851	259	123	423	233	1950	114
MIN	34	53	79	85	109	69	94	56	54	58	55	57
CFSM	.43	.84	.94	1.38	1.54	1.98	1.22	.66	1.01	.79	1.94	.67
IN.	.50	.94	1.08	1.60	1.60	2.29	1.37	.76	1.13	.91	2.24	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994
MEAN	120	124	161	233	217	271
MAX	177	259	363	473	355	474
(WY)	1990	1993	1993	1993	1990	1993
MIN	47.8	63.0	86.9	120	151	194
(WY)	1994	1992	1992	1992	1991	1992

SUMMARY STATISTICS FOR 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1989 - 1994

	1993	1994	1989-1994
ANNUAL TOTAL	63967	45236	
ANNUAL MEAN	175	124	146
HIGHEST ANNUAL MEAN			221
LOWEST ANNUAL MEAN			107
HIGHEST DAILY MEAN	1390	1950	1950
LOWEST DAILY MEAN	34	34	25
ANNUAL SEVEN-DAY MINIMUM	34	34	26
INSTANTANEOUS PEAK FLOW		2350	Unknown
INSTANTANEOUS PEAK STAGE		13.33	15.55
ANNUAL RUNOFF (CFSM)	1.58	1.12	1.32
ANNUAL RUNOFF (INCHES)	21.44	15.16	17.93
10 PERCENT EXCEEDS	393	213	258
50 PERCENT EXCEEDS	96	88	90
90 PERCENT EXCEEDS	40	56	47

* Also occurred on Oct. 10, 11, 14, 15.

SAVANNAH RIVER BASIN

02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'30'', long 82°35'42'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in left spillway elevator tower of dam on Savannah River, 1.2 mi downstream from Beer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi², approximately (Corps of Engineers).

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (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, 479.43 ft, Aug. 22, 1994; minimum, 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 479.43 ft, Aug. 22; minimum, 471.36 ft, Jan. 22.

Capacity Table

(Computed from table prepared by Corps of Engineers)

Elevation, in feet (sea level)	Usable contents, in billions of cubic feet	Elevation, in feet (sea level)	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 SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	473.39	472.50	472.80	472.11	472.85	473.41	473.15	474.79	473.19	474.64	474.74	477.53
2	473.40	472.51	472.71	472.16	472.73	473.68	473.25	474.93	473.10	474.63	475.02	477.39
3	473.40	472.49	472.75	472.24	472.63	473.46	473.31	474.88	473.15	474.70	475.37	477.79
4	473.18	472.56	472.89	472.21	472.62	473.52	473.33	474.82	473.17	474.66	475.72	478.20
5	472.76	472.83	472.95	472.15	472.73	473.63	473.35	474.64	473.25	474.94	476.06	478.13
6	472.44	472.85	473.04	472.10	472.77	473.73	473.48	474.47	473.28	475.03	476.11	478.26
7	472.50	472.86	473.13	472.14	472.81	473.72	473.43	474.53	473.63	474.94	476.12	477.97
8	472.52	472.78	473.16	472.15	472.85	473.70	473.36	474.57	473.84	474.92	476.09	477.64
9	472.51	472.74	473.14	472.18	472.96	473.72	473.39	474.52	474.19	474.98	476.02	477.35
10	472.52	472.79	473.15	472.12	472.72	473.58	473.45	474.49	474.47	475.00	475.94	477.23
11	472.61	472.99	473.17	472.18	472.77	473.57	473.63	474.53	474.49	474.99	475.91	477.09
12	472.60	473.12	473.19	472.30	472.90	473.61	473.69	474.43	474.38	475.07	475.92	476.78
13	472.61	473.14	472.75	472.36	472.98	473.68	473.65	474.36	473.98	475.20	475.95	476.51
14	472.63	473.16	472.78	472.42	473.09	473.63	473.71	474.36	473.63	475.61	475.96	476.25
15	472.63	473.09	472.67	472.50	473.06	473.66	473.67	474.43	473.35	476.01	476.10	475.91
16	472.66	473.01	472.87	472.19	473.04	473.76	473.76	474.33	472.88	476.02	477.17	475.58
17	472.66	472.91	473.00	472.24	472.98	473.92	473.78	474.36	472.42	476.05	478.38	475.63
18	472.81	472.87	473.00	472.29	472.93	473.93	473.72	474.72	472.50	475.77	478.78	476.00
19	472.72	472.87	473.03	471.83	472.95	473.98	474.15	474.97	472.52	475.52	478.90	475.81
20	472.88	472.88	473.04	471.69	473.00	474.01	474.32	475.21	472.28	475.78	479.16	475.35
21	472.95	472.69	472.92	471.63	473.06	474.03	475.05	475.38	472.13	475.42	479.39	475.19
22	473.05	472.63	472.87	471.41	473.14	473.18	475.74	475.39	471.95	476.07	479.08	474.96
23	473.22	472.73	472.70	471.45	473.51	472.34	475.74	474.96	471.76	475.08	478.85	474.77
24	473.23	472.77	472.52	471.58	473.40	472.32	475.76	474.65	471.69	475.11	478.78	474.82
25	472.97	472.50	472.55	471.94	473.31	472.39	475.93	474.20	471.72	474.97	478.59	474.88
26	472.72	472.42	472.57	472.29	473.35	472.44	475.81	473.79	471.72	474.78	478.40	474.92
27	472.67	472.66	472.35	472.51	473.28	472.46	475.51	473.32	472.98	474.65	478.79	474.99
28	472.49	472.87	472.24	472.73	473.26	472.69	475.18	473.30	473.76	474.70	479.19	475.19
29	472.33	472.83	472.26	472.80	---	473.21	474.74	473.30	474.37	474.51	479.02	475.24
30	472.57	472.85	472.17	472.86	---	473.39	474.77	473.21	474.54	474.52	478.45	475.32
31	472.47	---	472.12	472.88	---	473.28	---	473.26	---	474.58	477.71	---
MAX	473.40	473.16	473.19	472.88	473.51	474.03	475.93	475.39	474.54	476.07	479.39	478.26
MIN	472.33	472.42	472.12	471.41	472.62	472.32	473.15	473.21	471.69	474.51	474.74	474.77
(+)	41.82	42.24	41.43	42.27	42.69	42.71	44.42	42.69	44.15	44.20	47.94	45.08
(*)	-470	+162	-302	+314	+174	+7.47	+660	-646	+563	+18.7	+1396	-1103

CAL YR 1993 * -234 MAX 478.51 MIN 472.12

WTR YR 1994 * +63.4 MAX 479.39 MIN 471.41

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

(*) CHANGE IN CONTENT, 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 355.03 ft above sea level. 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, Mar. 2, 3, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	107	100	110	180	214	292	130	63	253	70	83
2	32	73	92	109	165	800	251	124	62	168	74	83
3	32	62	88	124	152	1100	231	122	82	129	73	135
4	32	59	88	340	144	411	218	150	75	121	106	106
5	30	116	241	308	171	239	210	150	75	623	128	93
6	29	279	231	207	238	187	213	131	69	699	92	86
7	28	155	146	175	194	158	233	119	87	224	77	87
8	29	98	117	177	327	141	207	118	85	152	70	86
9	31	84	104	175	333	134	196	118	92	136	65	80
10	30	75	102	146	255	164	195	111	78	225	62	76
11	27	71	116	136	390	183	197	105	77	153	59	75
12	27	66	110	382	566	143	194	101	82	317	58	71
13	28	64	96	406	369	133	199	97	67	199	58	67
14	29	64	111	267	285	136	198	95	60	145	57	65
15	31	64	203	208	238	128	187	99	60	123	60	65
16	32	63	178	172	214	123	238	110	66	103	198	63
17	34	65	134	160	196	120	260	96	72	90	1450	63
18	36	64	118	206	186	118	202	85	62	83	1250	294
19	37	64	110	195	181	119	188	79	73	79	303	244
20	35	65	112	158	184	117	183	76	70	79	200	120
21	34	64	270	166	179	117	177	76	57	96	180	91
22	38	63	235	147	185	124	171	79	50	82	362	82
23	56	63	190	143	243	123	165	78	46	85	230	77
24	62	63	199	138	1620	126	160	74	53	93	163	75
25	45	64	173	135	1100	267	154	69	53	186	133	80
26	40	65	144	136	568	338	151	69	61	108	118	77
27	39	195	128	138	354	245	147	80	1140	91	106	77
28	40	333	121	267	228	250	146	90	879	88	99	71
29	41	176	122	331	---	1050	154	78	5130	84	102	67
30	172	122	130	241	---	868	140	67	1030	76	92	65
31	252	---	118	203	---	376	---	64	---	71	86	---
TOTAL	1440	2966	4427	6206	9445	8752	5857	3040	9956	5161	6181	2804
MEAN	46.5	98.9	143	200	337	282	195	98.1	332	166	199	93.5
MAX	252	333	270	406	1620	1100	292	150	5130	699	1450	294
MIN	27	59	88	109	144	117	140	64	46	71	57	63
CFSM	.21	.46	.66	.92	1.55	1.30	.90	.45	1.53	.77	.92	.43
IN.	.25	.51	.76	1.06	1.62	1.50	1.00	.52	1.71	.88	1.06	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1994, BY WATER YEAR (WY)

MEAN	98.2	155	197	307	361	454	292	179	124	146	118	85.0
MAX	556	804	529	767	815	1235	899	471	413	736	1027	384
(WY)	1990	1949	1965	1943	1990	1952	1964	1949	1965	1941	1940	1959
MIN	4.49	27.3	40.3	55.8	85.1	79.8	112	62.8	27.7	8.40	2.22	5.71
(WY)	1955	1955	1956	1956	1989	1988	1988	1941	1988	1988	1988	1954

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1940 - 1994

ANNUAL TOTAL	98576	66235	
ANNUAL MEAN	270	181	209
HIGHEST ANNUAL MEAN			456
LOWEST ANNUAL MEAN			51.7
HIGHEST DAILY MEAN	3680	5130	15200
LOWEST DAILY MEAN	14	27	1.0
ANNUAL SEVEN-DAY MINIMUM	16	29	1.1
INSTANTANEOUS PEAK FLOW		6500	*20800
INSTANTANEOUS PEAK STAGE		19.33	29.60
INSTANTANEOUS LOW FLOW		27	.70
ANNUAL RUNOFF (CFSM)	1.24	.84	.96
ANNUAL RUNOFF (INCHES)	16.90	11.35	13.06
10 PERCENT EXCEEDS	484	281	368
50 PERCENT EXCEEDS	122	118	106
90 PERCENT EXCEEDS	27	59	38

* From rating curve extended above 13,000 ft³/s.

** Also occurred on Oct. 12.

*** Also occurred on Oct. 12, 13.

SAVANNAH RIVER BASIN

02194500 THURMOND LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi², approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Data collection platform. Datum of gage is sea level (levels by 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, 50,860,000,000 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 recorded elevation, 333.50 ft (from Corps of Engineers) June 29, but may have been higher during period of no gage-height record June 28 - 30 and Aug. 18 - 20; minimum, 324.21 ft, Oct. 18.

Capacity Table

(Computed from table prepared by Corps of Engineers)

Elevation, in feet (sea level)	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 SEA LEVEL), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	325.25	324.85	324.89	326.49	327.22	329.32	331.29	330.59	329.65	332.60	330.51	330.34
2	325.11	324.82	324.94	326.40	327.26	330.09	331.23	330.47	329.60	332.00	330.50	330.45
3	324.98	324.84	324.94	326.48	327.32	330.60	331.21	330.56	329.58	331.79	330.48	330.38
4	325.00	324.83	324.94	326.60	327.32	330.86	331.14	330.65	329.47	331.80	330.56	330.22
5	325.02	324.91	324.87	326.66	327.33	330.87	331.08	330.66	329.38	331.90	330.50	330.19
6	325.02	324.92	324.96	326.69	327.31	330.86	331.14	330.66	329.41	331.90	330.41	330.26
7	325.01	324.82	325.00	326.72	327.32	330.96	331.06	330.57	329.25	331.53	330.32	330.36
8	324.98	324.87	325.10	326.69	327.43	331.02	330.97	330.47	329.25	331.04	330.38	330.45
9	324.83	324.90	325.18	326.57	327.51	330.96	330.88	330.47	329.08	330.86	330.46	330.52
10	324.70	324.91	325.34	326.61	327.74	331.01	330.81	330.48	329.02	330.68	330.51	330.50
11	324.64	324.88	325.26	326.66	327.99	330.93	330.67	330.45	328.91	330.80	330.58	330.46
12	324.62	324.80	325.17	326.90	328.17	330.88	330.58	330.47	328.86	330.98	330.62	330.48
13	324.56	324.68	325.32	327.11	328.28	330.86	330.50	330.45	329.07	331.12	330.50	330.48
14	324.54	324.58	325.46	327.23	328.37	330.79	330.39	330.33	329.18	331.08	330.31	330.48
15	324.51	324.63	325.56	327.16	328.46	330.74	330.53	330.27	329.38	330.97	330.51	330.51
16	324.43	324.69	325.54	327.21	328.55	330.64	330.40	330.36	329.54	330.67	330.83	330.55
17	324.30	324.77	325.51	327.18	328.62	330.44	330.37	330.27	329.70	330.38	332.11	330.42
18	324.29	324.77	325.46	327.29	328.68	330.40	330.42	330.13	329.70	330.30	333.30	330.68
19	324.38	324.76	325.35	327.32	328.63	330.32	330.51	329.99	329.59	330.26	333.36	330.97
20	324.40	324.65	325.57	327.27	328.60	330.25	330.68	329.83	329.60	330.13	332.75	331.10
21	324.42	324.62	325.72	327.19	328.60	330.26	330.56	329.64	329.57	330.24	332.50	331.06
22	324.60	324.63	325.91	327.17	328.60	330.51	330.57	329.53	329.55	330.46	332.55	331.07
23	324.36	324.59	326.12	327.11	328.63	330.76	330.47	329.54	329.52	330.31	332.04	331.08
24	324.25	324.57	326.20	327.09	328.89	330.90	330.36	329.62	329.50	330.15	331.46	331.01
25	324.28	324.54	326.18	326.97	329.08	331.07	330.29	329.71	329.40	330.29	331.24	330.91
26	324.37	324.57	326.06	326.89	329.05	331.08	330.42	329.86	329.28	330.40	330.92	330.83
27	324.40	324.73	326.15	326.82	329.04	331.05	330.56	330.03	331.22	330.66	330.37	330.71
28	324.45	324.77	326.27	326.98	329.10	331.10	330.63	329.87	332.41	330.77	330.00	330.55
29	324.66	324.82	326.50	327.02	---	331.23	330.76	329.75	333.50	330.75	330.05	330.47
30	324.88	324.84	326.55	327.06	---	331.27	330.67	329.72	333.17	330.61	330.08	330.37
31	324.94	---	326.59	327.19	---	331.33	---	329.67	---	330.57	330.16	---
MAX	325.25	324.92	326.59	327.32	329.10	331.33	331.29	330.66	333.50	332.60	333.36	331.10
MIN	324.25	324.54	324.87	326.40	327.22	329.32	330.29	329.53	328.86	330.13	330.00	330.19
(+)	42.97	42.71	47.97	49.80	55.63	62.89	60.65	57.36	69.14	60.31	58.91	59.63
(*)	-284	-100	+1964	+683	+2410	+2711	-864	-1228	+4545	-3297	-523	+278

CAL YR 1993 * -445 MAX 332.20 MIN 324.25
WTR YR 1994 * +504 MAX 333.50 MIN 324.25

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENT, 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 sea level (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 15.45 ft, Feb. 27, 1990; minimum elevation, 2.10 ft, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 14.59 ft, Aug. 26; minimum elevation, 2.56 ft, July 26.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	10.00	5.03	6.72	11.25	5.22	6.88	11.29	4.86	6.32	7.35	4.67	5.86
2	8.45	5.42	6.85	10.36	4.82	6.41	9.84	5.54	6.64	6.89	4.40	5.31
3	8.65	5.58	6.86	10.55	4.11	5.97	8.87	5.78	6.86	9.81	3.60	5.22
4	10.36	5.53	7.18	10.35	4.81	6.33	8.66	5.55	6.87	10.21	3.84	5.68
5	11.63	4.61	6.92	10.74	4.58	6.30	8.30	5.52	6.73	10.19	4.90	6.46
6	8.83	4.72	6.18	8.51	5.29	6.74	9.33	6.18	7.11	11.38	5.22	6.89
7	8.91	4.45	5.98	8.35	5.79	6.82	11.04	5.92	7.08	10.30	4.93	6.26
8	8.44	4.62	6.06	10.66	5.58	6.92	10.54	5.49	6.92	8.38	5.27	6.60
9	8.22	4.97	6.41	10.02	5.62	6.82	11.37	5.41	7.05	9.27	5.67	6.86
10	8.13	5.44	6.59	9.46	5.06	6.53	10.82	4.72	6.51	10.12	4.66	6.30
11	10.19	4.66	6.56	9.10	4.46	6.02	7.78	4.34	5.97	10.45	3.67	5.50
12	9.71	4.57	6.41	9.50	5.26	6.35	7.61	4.32	5.68	9.35	3.79	5.61
13	9.61	4.69	6.36	8.45	5.41	6.50	10.80	4.15	6.26	8.71	5.38	6.60
14	10.57	4.64	6.42	7.71	5.60	6.66	8.11	3.30	5.09	9.78	5.55	6.66
15	10.12	4.92	6.62	9.38	5.93	6.91	8.44	2.98	4.89	7.46	3.40	5.33
16	8.48	5.71	6.92	9.26	5.55	6.66	9.87	3.71	5.64	8.36	4.43	6.08
17	8.21	5.67	6.54	9.46	5.44	6.65	8.13	3.77	5.37	10.52	3.44	6.66
18	7.93	5.94	6.69	10.03	6.05	7.08	6.88	3.86	5.06	9.36	5.38	7.10
19	9.77	4.60	6.22	10.22	6.12	7.24	6.77	4.07	5.13	13.12	5.27	9.60
20	9.68	5.37	6.43	8.48	5.28	6.71	11.45	3.68	5.80	13.02	7.01	9.13
21	9.93	5.33	6.70	8.30	6.30	6.99	7.36	2.69	4.75	12.11	5.47	7.73
22	10.84	5.37	6.89	9.65	5.39	6.53	9.53	4.02	5.50	10.33	5.00	6.52
23	8.61	5.90	7.06	10.14	5.57	6.94	7.70	4.03	5.23	7.20	4.06	5.10
24	8.56	5.73	6.83	10.40	5.74	7.19	8.91	4.13	5.33	9.64	3.80	5.69
25	10.24	5.20	7.16	10.51	6.43	7.38	6.75	3.89	4.87	9.04	4.23	5.71
26	10.24	5.08	6.97	8.95	5.70	6.93	6.95	3.63	4.91	8.15	4.03	5.17
27	10.39	4.76	6.64	8.76	6.09	6.91	10.25	4.30	6.11	9.11	3.79	5.50
28	10.39	4.92	6.44	8.70	6.13	7.20	7.81	3.80	4.95	8.12	4.37	6.03
29	9.18	4.93	6.39	12.14	5.96	7.36	8.19	3.11	5.28	8.53	5.35	6.36
30	8.78	6.07	7.08	12.07	5.51	6.87	12.22	4.51	7.31	7.81	4.86	6.35
31	7.44	6.36	6.93	---	---	---	10.84	4.71	6.48	9.63	3.57	5.86
MONTH	11.63	4.45	6.65	12.14	4.11	6.76	12.22	2.69	5.93	13.12	3.40	6.31

SAVANNAH RIVER BASIN

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.33	4.59	6.20	9.83	3.84	5.56	11.04	4.87	7.63	10.36	4.38	6.50
2	9.63	4.95	6.45	11.71	4.78	6.92	7.33	4.05	5.60	11.27	5.89	7.43
3	10.77	4.99	6.71	10.84	6.60	8.12	5.95	3.06	4.42	10.31	3.82	6.14
4	10.16	4.91	6.52	11.02	4.69	6.58	10.78	3.29	5.94	9.09	4.85	6.13
5	8.02	4.61	6.01	7.13	3.97	5.19	10.84	3.80	6.18	8.96	3.60	5.62
6	6.94	5.13	6.16	7.28	4.45	5.39	10.90	3.70	6.20	9.10	4.34	6.01
7	9.41	3.70	5.83	9.43	3.63	5.20	11.01	3.94	6.26	11.56	3.85	6.14
8	8.91	4.46	6.59	11.28	3.74	5.98	11.70	4.74	7.06	9.50	4.90	6.68
9	10.68	5.02	6.63	11.94	4.51	7.65	8.79	6.07	7.13	9.36	3.82	6.28
10	10.85	5.25	7.24	11.16	5.65	7.93	10.23	5.95	7.02	9.53	4.02	6.26
11	9.66	5.32	7.10	12.07	5.58	8.11	12.48	5.22	7.98	9.10	4.33	6.35
12	8.23	5.11	6.30	7.70	5.30	6.31	13.12	5.85	8.42	10.95	3.65	6.04
13	7.54	5.24	6.10	7.50	5.11	5.88	13.06	5.68	8.48	7.54	3.79	5.58
14	10.42	4.69	6.04	11.52	4.45	7.25	13.15	5.09	8.27	8.19	4.57	6.20
15	9.65	3.86	5.51	11.55	5.48	7.57	12.87	6.45	8.69	7.76	5.03	6.19
16	9.37	3.48	5.20	11.37	5.81	7.76	9.04	5.21	6.63	11.56	4.33	6.54
17	9.08	3.70	5.37	12.33	5.40	7.68	8.45	4.01	5.36	11.25	4.35	6.42
18	10.06	4.64	6.14	11.32	5.09	7.33	11.06	2.90	5.52	10.36	4.41	6.41
19	7.46	5.40	6.30	8.14	5.44	6.56	7.85	4.30	5.83	10.03	4.09	6.17
20	7.36	4.87	6.14	7.26	4.33	5.40	9.68	3.52	5.34	10.45	4.01	6.08
21	10.97	5.14	6.57	11.15	3.65	5.59	10.99	4.25	7.03	8.05	5.02	6.49
22	8.70	5.45	6.54	11.23	4.45	6.19	9.39	3.10	5.62	7.82	4.79	6.19
23	11.73	3.83	6.07	10.58	5.23	6.84	8.43	4.73	6.07	12.42	3.96	7.21
24	11.75	4.39	6.47	10.61	5.39	6.97	10.13	4.48	6.36	11.44	4.37	6.72
25	9.21	6.02	7.31	11.33	5.97	7.57	12.24	4.85	7.44	10.55	3.29	6.21
26	7.85	5.46	6.18	9.48	6.28	7.10	12.27	3.94	7.43	10.76	4.12	6.09
27	8.32	5.49	6.55	10.60	4.37	5.80	11.92	4.07	7.06	9.25	3.50	5.71
28	11.95	4.65	6.44	11.69	4.94	7.70	11.89	3.49	6.65	7.89	4.54	5.85
29	---	---	---	12.23	6.08	8.38	11.75	4.51	7.10	7.94	4.80	6.18
30	---	---	---	11.68	6.07	8.34	10.30	4.05	6.48	10.40	3.72	5.96
31	---	---	---	11.76	4.70	7.54	---	---	---	8.76	3.52	5.32
MONTH	11.95	3.48	6.31	12.33	3.63	6.85	13.15	2.90	6.71	12.42	3.29	6.23
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		

SAVANNAH RIVER BASIN
02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 15 ft upstream of bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 mi².

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to September 1978, November 1983 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Data collection platform. Datum of gage is 197.34 ft above sea level (levels by Southeastern Power Administration). October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, Feb. 22 - 24, June 15 to Aug. 30, and those below 5.0 ft³/s, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	287	82	125	419	293	425	59	11	1140	114	63
2	6.2	131	62	118	322	5370	329	52	9.3	382	128	57
3	5.6	85	53	133	266	4580	278	47	8.2	272	159	157
4	5.6	59	48	1830	230	1310	243	54	8.0	256	186	235
5	7.2	57	134	1110	250	685	222	177	9.6	233	292	139
6	6.4	141	293	452	739	471	206	146	11	349	174	93
7	4.2	180	190	305	553	360	202	89	12	274	114	74
8	4.3	105	115	262	603	306	184	67	18	187	89	66
9	4.5	69	85	255	1380	272	165	56	22	143	74	63
10	4.5	55	74	213	872	317	146	49	21	117	63	58
11	4.5	45	103	172	2440	591	149	42	18	103	54	209
12	4.5	38	158	1360	2620	357	143	37	27	89	48	106
13	4.5	32	129	1660	1180	275	140	33	29	89	42	67
14	4.5	28	135	682	687	247	136	31	21	101	42	53
15	4.6	27	938	408	484	228	132	30	21	88	59	45
16	4.9	25	489	292	389	204	246	41	18	73	391	41
17	4.9	24	249	234	336	179	297	40	13	62	4080	37
18	5.2	25	167	493	296	173	188	45	14	50	1640	148
19	5.2	24	127	511	269	173	140	32	18	41	632	941
20	5.2	24	111	316	246	163	120	26	21	47	387	340
21	5.0	27	348	261	231	154	109	21	18	58	580	152
22	22	27	489	228	225	154	100	19	11	55	1760	101
23	90	25	294	218	400	154	94	19	8.0	766	595	79
24	124	24	386	218	1750	152	87	16	5.9	357	287	67
25	71	23	371	206	1320	1690	81	16	4.9	188	193	60
26	38	23	248	187	583	1050	74	14	3.9	117	146	57
27	25	58	181	183	400	462	71	13	5250	122	118	56
28	18	236	146	707	319	342	69	12	14200	744	100	56
29	14	240	133	1350	---	2660	71	14	8790	472	86	49
30	1770	122	136	616	---	1790	72	13	8450	267	76	42
31	1060	---	143	574	---	664	---	11	---	157	68	---
TOTAL	3340.1	2266	6617	15679	19809	25826	4919	1321	37071.8	7399	12777	3711
MEAN	108	75.5	213	506	707	833	164	42.6	1236	239	412	124
MAX	1770	287	938	1830	2620	5370	425	177	14200	1140	4080	941
MIN	4.2	23	48	118	225	152	69	11	3.9	41	42	37
CFSM	.20	.14	.39	.93	1.30	1.53	.30	.08	2.27	.44	.76	.23
IN.	.23	.15	.45	1.07	1.35	1.76	.34	.09	2.53	.51	.87	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1994, BY WATER YEAR (WY)

	MEAN	201	236	382	751	844	1050	632	277	204	195	192	94.7
MAX	2039	1486	1703	2263	2623	2935	2514	1016	1576	1061	2311	486	
(WY)	1991	1993	1965	1960	1960	1944	1969	1964	1973	1989	1940	1959	
MIN	.000	1.29	15.1	24.9	157	171	102	35.9	16.0	17.7	15.7	1.05	
(WY)	1955	1955	1955	1956	1957	1985	1986	1941	1956	1990	1993	1954	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1930 - 1994

ANNUAL TOTAL	196419.6	140735.9	
ANNUAL MEAN	538	386	413
HIGHEST ANNUAL MEAN			959
LOWEST ANNUAL MEAN			119
HIGHEST DAILY MEAN	10200	14200	31700
LOWEST DAILY MEAN	3.1	3.9	.00
ANNUAL SEVEN-DAY MINIMUM	3.2	4.4	.00
INSTANTANEOUS PEAK FLOW		17300	35100
INSTANTANEOUS PEAK STAGE		30.49	41.08
ANNUAL RUNOFF (CFSM)	.99	.71	.76
ANNUAL RUNOFF (INCHES)	13.41	9.61	10.30
10 PERCENT EXCEEDS	1250	686	823
50 PERCENT EXCEEDS	108	127	106
90 PERCENT EXCEEDS	5.1	13	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 September 1994 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above sea level (from topographic map).

REMARKS.--Records good except estimated daily discharges, Apr. 1 - 26, Aug. 17 - 19, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	16	12	17	21	31	24	7.4	3.9	5.7	5.0	5.7
2	5.0	13	12	19	20	204	23	7.1	3.8	4.7	5.0	5.5
3	5.0	12	12	30	19	58	21	7.1	3.4	5.6	5.2	12
4	4.9	12	13	49	19	35	20	16	3.0	6.6	6.2	9.4
5	4.7	17	24	29	27	28	19	10	4.1	5.7	5.0	7.5
6	4.6	16	17	23	27	25	18	8.3	4.9	5.2	4.8	6.9
7	4.9	13	15	21	22	22	18	7.3	5.2	4.4	4.7	6.8
8	5.0	13	14	20	38	21	18	6.9	5.8	3.9	4.2	6.4
9	4.8	11	14	19	32	21	18	6.7	5.2	3.6	4.1	6.4
10	4.8	11	16	19	41	58	17	6.4	6.4	3.3	4.0	6.0
11	4.7	10	19	18	67	33	16	6.1	6.2	3.1	3.7	5.9
12	5.2	10	16	66	43	27	16	5.8	4.6	2.9	3.8	5.7
13	5.3	10	15	34	31	24	15	5.3	4.1	3.0	4.1	5.5
14	5.6	11	24	26	24	24	15	5.0	4.8	3.0	4.6	5.5
15	6.1	11	26	21	22	21	14	9.8	4.1	2.9	6.7	5.3
16	6.2	11	20	20	20	21	14	27	3.5	2.7	17	5.3
17	7.0	11	18	23	18	21	14	10	3.8	2.5	15	6.5
18	6.7	12	17	30	18	20	13	6.9	4.8	4.5	12	17
19	6.4	12	17	22	17	20	13	6.2	4.2	4.7	11	12
20	6.2	12	21	20	16	19	12	5.5	3.1	4.3	16	7.9
21	6.2	12	29	20	15	19	12	5.2	2.6	5.5	23	7.0
22	11	12	21	19	17	18	11	4.9	2.3	13	19	6.4
23	15	12	24	19	53	18	11	4.6	2.1	10	12	6.2
24	9.4	12	26	18	156	18	11	4.2	2.5	6.4	9.1	6.4
25	7.8	12	22	17	44	73	10	4.1	2.9	5.2	7.9	6.6
26	7.4	12	20	17	31	30	9.3	4.0	2.4	4.9	7.3	6.5
27	7.3	22	19	17	25	26	8.6	4.1	75	9.5	6.8	6.1
28	7.8	18	18	30	21	24	8.1	3.9	20	9.6	6.5	5.7
29	8.6	14	19	23	---	73	8.0	3.6	16	6.8	6.4	5.7
30	104	13	18	25	---	33	7.4	3.6	8.6	5.8	6.1	5.5
31	25	---	17	23	---	27	---	3.7	---	5.2	5.9	---
TOTAL	317.8	383	575	754	904	1092	434.4	216.7	223.3	164.2	252.1	211.3
MEAN	10.3	12.8	18.5	24.3	32.3	35.2	14.5	6.99	7.44	5.30	8.13	7.04
MAX	104	22	29	66	156	204	24	27	75	13	23	17
MIN	4.6	10	12	17	15	18	7.4	3.6	2.1	2.5	3.7	5.3
CFSM	.74	.92	1.33	1.75	2.32	2.53	1.04	.50	.54	.38	.59	.51
IN.	.85	1.03	1.54	2.02	2.42	2.92	1.16	.58	.60	.44	.67	.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1994, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	11.4	13.6	17.0	22.3	26.6	25.5	16.8	9.50	7.03	6.58	7.79	5.46		
MAX	40.3	36.6	42.9	50.7	41.1	52.5	39.6	23.7	11.4	18.3	24.4	9.01		
(WY)	1991	1993	1987	1984	1993	1983	1984	1992	1989	1992	1993	1993		
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1981 - 1994

ANNUAL TOTAL	7423.3	5527.8	
ANNUAL MEAN	20.3	15.1	14.1
HIGHEST ANNUAL MEAN			23.9
LOWEST ANNUAL MEAN			7.17
HIGHEST DAILY MEAN	298	Jan 8	530
LOWEST DAILY MEAN	2.6	Aug 28	.77
ANNUAL SEVEN-DAY MINIMUM	3.0	Aug 22	.86
INSTANTANEOUS PEAK FLOW			*3680
INSTANTANEOUS PEAK STAGE			15.29
ANNUAL RUNOFF (CFSM)	1.46		1.01
ANNUAL RUNOFF (INCHES)	19.87		13.77
10 PERCENT EXCEEDS	42		25
50 PERCENT EXCEEDS	12		8.3
90 PERCENT EXCEEDS	4.7		3.4

* 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 sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 76.14 ft, Jan. 23, 1993, but may have been higher during the period of no gage height record, Oct. 11 - 15, 1990; minimum, 67.36 ft, May 27, 1990, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 74.59 ft, July 13; minimum, 67.96 ft, Aug. 8.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.65	71.44	---	70.76	---	---	70.78	---	70.05	74.05	69.69	---
2	71.95	71.12	---	70.07	---	---	70.33	---	71.17	---	70.97	---
3	72.01	70.70	---	69.28	---	---	69.28	---	70.89	---	71.06	---
4	72.06	71.19	---	69.79	---	71.16	69.28	---	70.94	---	71.35	---
5	71.42	71.14	---	70.80	---	70.19	69.42	---	71.23	---	70.99	---
6	71.17	71.89	---	71.24	---	70.42	69.46	---	70.63	---	71.51	---
7	70.99	---	---	70.74	---	69.54	70.07	---	70.70	---	71.11	---
8	71.14	---	---	71.40	---	70.54	---	---	71.22	---	70.03	---
9	71.54	---	---	71.48	---	71.36	---	---	70.98	---	71.32	---
10	71.87	70.95	---	70.47	---	71.62	---	---	70.62	71.87	71.09	70.82
11	71.41	70.45	---	69.83	---	71.78	---	---	70.97	72.81	70.88	69.99
12	71.29	70.87	---	70.21	---	71.44	---	---	71.28	72.81	70.78	70.04
13	71.26	71.19	---	71.45	---	71.05	---	70.29	71.18	73.10	71.62	71.57
14	71.24	71.46	---	71.40	---	70.95	---	71.06	71.07	71.97	70.92	71.48
15	71.55	71.55	---	69.94	---	71.51	---	71.29	70.35	71.30	70.89	70.96
16	72.14	71.23	---	70.77	---	71.87	---	70.97	71.14	72.12	71.76	71.12
17	71.86	71.20	---	70.30	---	71.42	---	70.90	71.12	71.67	73.03	71.44
18	71.85	71.65	---	71.53	---	71.33	---	70.99	71.42	71.47	74.23	70.62
19	71.13	71.78	---	---	---	71.61	---	70.66	71.74	71.24	74.11	70.07
20	71.46	71.34	---	---	---	70.38	---	70.62	71.54	71.65	73.98	70.38
21	71.73	71.75	---	---	---	69.73	---	71.48	71.83	71.45	74.01	70.79
22	71.87	71.06	---	---	---	70.49	---	71.22	71.33	70.58	74.03	70.96
23	72.17	71.28	---	---	---	71.28	---	70.96	70.89	71.57	73.82	70.95
24	72.07	71.54	---	---	---	71.53	---	70.86	70.47	71.09	73.80	71.23
25	71.76	71.88	---	---	---	72.22	---	70.33	70.96	70.28	73.84	70.56
26	71.68	---	---	---	---	71.91	---	70.67	70.82	69.39	73.90	70.86
27	71.46	---	---	---	---	70.16	---	70.29	---	69.83	---	71.72
28	71.41	---	69.63	---	---	71.23	---	70.79	---	70.20	---	71.76
29	71.46	---	69.55	---	---	72.33	---	71.20	72.81	72.08	---	71.68
30	72.26	---	71.40	---	---	71.82	---	70.53	74.24	71.53	---	72.01
31	72.26	---	70.77	---	---	70.56	---	69.79	---	69.96	---	---
MEAN	71.65	71.30	70.34	70.64	---	71.12	69.80	70.78	71.20	71.48	72.10	71.00
MAX	72.26	71.89	71.40	71.53	---	72.33	70.78	71.48	74.24	74.05	74.23	72.01
MIN	70.99	70.45	69.55	69.28	---	69.54	69.28	69.79	70.05	69.39	69.69	69.99

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.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 49.61 ft, Oct. 12, 1990; minimum gage height, 40.75 ft, Nov. 16, 1992.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.38	43.98	43.44	43.46	43.74	43.71	44.53	43.42	43.31	47.38	43.74	45.87
2	43.43	43.80	43.37	43.74	43.74	44.49	44.07	44.13	43.68	46.71	44.07	46.03
3	43.31	43.61	43.38	43.65	43.75	45.21	43.48	43.74	43.43	44.40	44.20	45.10
4	43.75	43.52	43.37	43.95	43.65	44.51	43.97	43.88	43.21	44.44	44.29	44.41
5	43.97	43.44	43.48	44.14	43.34	43.48	44.19	43.70	43.20	44.95	44.34	44.55
6	43.67	43.40	43.64	43.96	43.92	43.57	44.14	43.42	43.43	46.11	43.77	44.48
7	43.51	43.69	43.69	43.76	44.00	43.87	43.94	43.33	43.37	45.89	43.72	44.35
8	43.36	43.70	43.57	43.52	43.93	43.51	43.96	43.44	43.54	46.73	44.03	44.17
9	43.27	43.73	43.73	43.89	44.15	43.88	43.66	43.71	43.64	44.97	44.16	44.11
10	43.32	43.67	43.32	44.15	44.24	44.51	43.55	43.66	43.45	44.44	44.40	44.03
11	43.57	43.56	43.39	43.69	44.51	44.53	44.41	---	43.20	43.94	44.38	43.78
12	43.55	43.33	43.72	43.38	44.25	43.67	44.58	---	43.28	43.75	44.30	43.73
13	43.55	43.37	43.85	43.85	44.03	43.54	44.74	43.37	43.50	43.58	43.88	44.21
14	43.51	43.40	43.83	43.92	44.01	43.98	44.61	43.20	43.59	43.82	43.73	44.47
15	43.44	43.57	43.76	43.72	43.96	44.14	44.59	43.36	43.32	44.22	43.93	44.30
16	43.48	43.44	43.75	43.83	43.74	44.20	44.27	43.66	43.26	44.34	44.48	44.11
17	43.59	43.43	43.70	43.71	43.44	44.33	43.63	43.64	43.09	44.40	45.64	43.84
18	43.75	43.52	43.46	44.06	43.36	43.96	43.46	43.66	43.02	44.53	47.43	43.74
19	43.57	43.53	43.37	44.58	43.40	43.67	43.87	43.69	43.18	44.50	47.32	44.00
20	43.52	43.49	43.86	44.57	43.49	43.56	43.54	43.35	43.26	44.53	47.30	44.02
21	43.50	43.55	43.53	44.31	43.51	43.54	43.82	43.43	43.59	44.48	47.28	44.33
22	43.52	43.66	43.75	44.05	43.79	43.59	43.59	43.45	43.69	44.13	47.71	44.43
23	43.65	43.44	43.81	43.54	43.73	43.55	43.32	43.88	43.42	44.23	47.52	44.53
24	43.48	43.56	43.77	43.64	44.01	43.66	43.63	44.13	43.16	44.20	47.43	43.96
25	43.89	43.65	43.62	43.75	44.17	44.18	44.27	43.65	42.92	44.03	47.40	43.73
26	43.69	43.57	43.72	43.64	43.56	44.38	44.26	43.67	43.03	43.63	47.42	44.04
27	43.80	43.41	43.71	43.56	43.70	43.95	44.31	43.35	---	43.52	46.44	44.43
28	43.51	43.63	43.76	43.57	43.93	44.22	43.92	43.15	---	43.63	45.83	44.35
29	43.40	43.98	43.45	43.52	---	44.84	43.89	43.33	46.32	44.38	45.85	44.37
30	43.81	43.74	43.79	44.06	---	45.17	43.72	43.65	47.85	44.16	46.53	44.25
31	44.14	---	43.77	43.77	---	44.69	---	43.60	---	43.79	46.03	---
MEAN	43.58	43.58	43.62	43.84	43.82	44.07	44.00	43.57	43.60	44.57	45.44	44.32
MAX	44.14	43.98	43.86	44.58	44.51	45.21	44.74	44.13	47.85	47.38	47.71	46.03
MIN	43.27	43.33	43.32	43.38	43.34	43.48	43.32	43.15	42.92	43.52	43.72	43.73
CAL YR 1993	MEAN 44.47	MAX 47.54	MIN 43.08									
WTR YR 1994	MEAN 44.01	MAX 47.85	MIN 42.92									

SAVANNAH RIVER BASIN

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC

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

DRAINAGE AREA.--7,150 mi², approximately.

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

GAGE.--Data collection platform. Elevation of gage is 150 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Oct. 30 to Nov. 2, 9 - 11, Mar. 16, 17, Apr. 22, May 20, June 26 to July 2, 12, Sept. 1 - 7, 11 - 14, and those below 5,000 ft³/s, which are poor. Flow regulated by Thurmond Lake (see sta 02194500) and by other powerplants above station. Flow diverted above station to the Augusta Canal by City of Augusta for municipal supply.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1990	5600	1380	2200	3050	3620	9440	2240	725	28000	3610	12000
2	1350	3500	1110	3860	3350	10500	6370	6400	2540	17000	5260	14000
3	1080	1740	1210	2960	3310	17000	3470	3580	1460	7950	5910	10000
4	2710	1040	1510	4920	2780	10200	5630	4740	392	9390	5210	7000
5	2900	1110	2150	6000	1450	2400	6740	3330	464	13200	5540	5400
6	1430	1180	2740	4600	5320	3530	6030	1880	1290	21800	2700	6000
7	907	2960	2770	3370	5320	4610	4740	1620	1130	20300	2580	5800
8	309	2350	2040	2190	5000	2110	5040	2540	1760	27000	4220	5510
9	300	2200	2950	4750	6200	4930	3100	3650	1710	13400	5140	5190
10	615	1900	1030	6060	7120	10100	3240	2980	404	10300	6640	4690
11	1430	1100	1540	2950	9450	9950	8400	2960	145	6010	6520	3300
12	796	744	3390	1180	7440	3510	9740	2420	293	5400	5980	3700
13	990	1010	3910	4090	6170	2960	10800	1300	588	3850	3350	5000
14	964	1200	3850	4660	5190	5450	10700	670	722	5350	2570	7000
15	960	2000	3200	3470	4560	6640	11000	1550	223	8690	3740	6440
16	1810	1020	3320	4810	3090	8500	7450	3120	222	9980	7090	4840
17	2470	1090	2910	3400	1490	9000	3470	2590	106	10500	16600	3290
18	2930	1650	1670	5300	1110	5500	2570	2770	93	11300	30200	2870
19	1640	1300	1410	9210	1780	3850	4630	3010	161	9410	29000	4360
20	1310	1870	5060	10500	2420	3050	2600	2700	364	8850	28500	4280
21	1340	2210	3030	7390	2090	2730	4870	2980	1370	8210	28700	6210
22	1540	2440	3950	5690	3860	2580	3000	3000	1420	5290	31900	6780
23	2060	864	4290	2740	3440	2550	1750	5280	489	6150	29600	7370
24	1490	1820	4610	2550	5790	3530	3340	4850	350	5720	28700	4020
25	3320	3080	3920	3300	7070	8200	7040	2810	81	4330	28900	2870
26	1550	2770	4560	2360	2760	8490	6690	2580	120	2700	29600	4760
27	2500	2600	3980	1980	4210	5650	7530	1030	3500	2070	20900	7360
28	1010	3680	4080	2420	4960	7290	4750	309	10000	2640	16500	7080
29	660	4940	2020	2200	---	12500	4690	938	25000	7800	17300	7160
30	4500	2940	4090	6200	---	14900	3490	2000	35000	6080	22000	6400
31	7000	---	4010	3390	---	10700	---	1690	---	3590	12700	---
TOTAL	55861	63908	91690	130700	119780	206530	172310	83517	92122	302260	447160	180680
MEAN	1802	2130	2958	4216	4278	6662	5744	2694	3071	9750	14420	6023
MAX	7000	5600	5060	10500	9450	17000	11000	6400	35000	28000	31900	14000
MIN	300	744	1030	1180	1110	2110	1750	309	81	2070	2570	2870
CFSM	.25	.30	.41	.59	.60	.93	.80	.38	.43	1.36	2.02	.84
IN.	.29	.33	.48	.68	.62	1.07	.90	.43	.48	1.57	2.33	.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

	MEAN	6305	5575	9857	9240	10070	12050	7950	6761	4304	5773	7431	4881
MAX	11440	15210	27170	28980	23000	22590	18010	15420	6604	9750	14420	6023	
(WY)	1990	1993	1993	1993	1993	1990	1993	1991	1991	1994	1994	1994	
MIN	1802	1827	2535	2438	1886	1440	2652	1990	1847	3560	2689	3327	
(WY)	1994	1989	1989	1989	1989	1989	1989	1989	1989	1993	1989	1993	

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1989 - 1994
ANNUAL TOTAL	3694923	1946518	7517
ANNUAL MEAN	10120	5333	13960
HIGHEST ANNUAL MEAN			2612
LOWEST ANNUAL MEAN			39000
HIGHEST DAILY MEAN	39000	Jan 13	35000
LOWEST DAILY MEAN	300	Oct 9	81
ANNUAL SEVEN-DAY MINIMUM	764	Oct 7	270
INSTANTANEOUS PEAK FLOW			34400
INSTANTANEOUS PEAK STAGE			11.44
ANNUAL RUNOFF (CFSM)	1.42		.75
ANNUAL RUNOFF (INCHES)	19.22		10.13
10 PERCENT EXCEEDS	26100		10500
50 PERCENT EXCEEDS	4850		3500
90 PERCENT EXCEEDS	1310		1030

SAVANNAH RIVER BASIN

02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC

LOCATION.--Lat 33°33'49'', long 81°52'27'', Aiken County, Hydrologic Unit 03060106, on downstream side of bridge on county road 104, 0.5 mi downstream of Hightower Creek, 1.0 mi upstream of Sudlow Lake, and 3.8 mi west of Graniteville.

DRAINAGE AREA.--26.6 mi².

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

GAGE.--Data collection platform. Elevation of gage is 210 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 5, Nov. 6 - 8, Jan. 12, 13, June 10 - 15, 19, 20, 23, 24, Sept. 15, 16, 21 - 23, 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	33	30	42	44	51	47	22	15	27	25	24
2	18	28	30	47	42	112	44	22	15	23	24	21
3	18	27	30	49	41	78	43	24	14	21	19	24
4	26	26	30	65	41	62	41	37	15	26	19	25
5	24	32	40	51	49	58	40	32	16	31	22	21
6	18	30	35	45	57	54	40	27	6.3	34	20	21
7	19	30	31	51	48	52	40	25	27	30	19	21
8	19	31	30	51	55	52	37	24	32	23	17	21
9	18	28	30	48	60	51	36	22	27	20	15	20
10	14	26	34	49	56	87	35	22	32	26	14	20
11	13	26	41	50	66	70	34	21	40	18	13	19
12	13	26	34	55	62	57	35	19	35	19	13	18
13	17	26	32	40	54	53	39	18	32	19	16	17
14	18	26	38	52	51	54	35	17	45	18	18	17
15	19	27	44	47	50	52	33	18	55	17	16	17
16	19	27	37	41	49	49	33	22	48	22	32	20
17	22	27	34	43	48	48	31	20	45	14	55	22
18	21	27	33	55	48	48	29	17	47	14	44	37
19	20	27	33	46	47	47	29	17	50	17	65	42
20	19	27	37	43	47	44	28	16	46	18	45	27
21	19	27	53	44	47	43	27	17	42	19	53	22
22	22	27	41	44	46	42	26	16	40	48	54	21
23	32	27	44	44	56	41	27	16	21	65	36	19
24	24	27	44	44	122	42	26	15	38	43	29	20
25	22	28	39	44	73	116	25	16	46	29	26	21
26	22	28	38	44	60	65	25	28	43	24	24	21
27	22	46	36	43	54	54	24	26	70	34	23	19
28	21	43	37	53	52	53	23	17	82	58	22	18
29	22	33	39	52	---	88	22	15	40	38	21	17
30	108	31	38	50	---	58	22	14	34	29	20	17
31	52	---	37	48	---	51	---	14	---	26	23	---
TOTAL	739	874	1129	1480	1525	1832	976	636	1098.3	850	842	649
MEAN	23.8	29.1	36.4	47.7	54.5	59.1	32.5	20.5	36.6	27.4	27.2	21.6
MAX	108	46	53	65	122	116	47	37	82	65	65	42
MIN	13	26	30	40	41	41	22	14	6.3	14	13	17
CFSM	.90	1.10	1.37	1.79	2.05	2.22	1.22	.77	1.38	1.03	1.02	.81
IN.	1.03	1.22	1.58	2.07	2.13	2.56	1.36	.89	1.54	1.19	1.18	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1994, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994
MEAN	30.3	34.0	36.7	46.9	41.3
MAX	41.9	51.7	49.0	71.7	55.2
(WY)	1991	1993	1993	1993	1993
MIN	23.2	28.4	30.4	37.4	31.4
(WY)	1992	1992	1992	1990	1990

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1990 - 1994

ANNUAL TOTAL	13757.8	12630.3	
ANNUAL MEAN	37.7	34.6	
HIGHEST ANNUAL MEAN			34.1
LOWEST ANNUAL MEAN			41.7
HIGHEST DAILY MEAN	189	Jan 8	26.4
LOWEST DAILY MEAN	4.1	Jul 22	305
ANNUAL SEVEN-DAY MINIMUM	12	Aug 26	*4.1
INSTANTANEOUS PEAK FLOW			9.3
INSTANTANEOUS PEAK STAGE			593
ANNUAL RUNOFF (CFSM)	1.42		6.48
ANNUAL RUNOFF (INCHES)	19.24		1.28
10 PERCENT EXCEEDS	60		17.40
50 PERCENT EXCEEDS	33		54
90 PERCENT EXCEEDS	17		30
			16

* Flow was temporarily obstructed at the gage by the construction of a rock section upstream.

SAVANNAH RIVER BASIN

02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA

LOCATION.--Lat 33°22'23'', long 81°56'32'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.3 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.5.

DRAINAGE AREA.--7,508 mi², including that of Butler Creek.

PERIOD OF RECORD.--October 1989 to current year. Records prior to October 1989 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 100.58 ft above sea level (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by regulation from Thurmond Lake (see sta 02194500).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.41 ft, Oct. 13, 1990; minimum gage height, 7.62 ft, Aug. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.84 ft, Aug. 22; minimum gage height, 10.95 ft, Apr. 30.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.01	14.66	15.03	14.79	14.86	14.76	14.96	11.75	---	---	14.94	13.73
2	15.15	14.15	14.55	15.42	14.85	14.65	14.74	14.40	---	---	---	14.67
3	15.10	13.94	14.71	15.22	14.70	14.31	---	14.78	---	---	---	14.04
4	15.28	14.06	14.87	14.90	14.75	14.41	15.10	14.81	---	---	14.80	14.24
5	15.27	14.42	15.05	14.90	14.93	14.76	14.85	14.63	---	---	15.00	14.57
6	14.72	14.62	15.19	14.89	15.24	15.10	14.76	14.22	---	---	14.62	14.42
7	14.48	15.08	14.96	14.75	14.90	14.82	14.41	14.67	---	15.17	14.60	---
8	14.48	15.26	14.78	14.58	15.01	13.93	14.65	14.76	---	15.25	13.52	---
9	14.08	14.74	14.97	15.23	15.21	14.67	14.88	14.86	---	15.01	14.62	---
10	13.57	14.75	14.95	15.32	14.94	14.71	14.74	15.33	---	14.97	13.07	---
11	13.58	14.59	14.72	14.86	15.19	14.83	15.20	14.71	---	15.01	14.30	---
12	14.26	14.18	15.16	14.73	15.05	15.02	14.69	14.73	---	14.93	14.64	---
13	14.48	14.01	15.99	15.19	15.23	14.95	14.77	14.49	---	14.89	14.48	---
14	14.43	14.06	15.81	15.05	15.02	14.95	14.57	14.63	---	14.92	14.71	14.73
15	14.47	14.47	15.24	15.13	15.01	15.00	13.96	14.38	---	14.93	14.61	14.19
16	14.12	14.69	15.29	15.09	14.49	14.95	12.07	14.74	---	15.02	14.10	14.57
17	14.79	14.58	15.29	15.18	14.62	14.70	11.60	14.86	---	15.05	---	14.81
18	15.06	14.67	15.26	15.23	15.05	14.67	12.17	14.71	---	15.04	---	14.74
19	---	15.33	14.85	15.14	15.14	14.99	14.50	14.76	---	15.11	16.30	14.58
20	---	15.52	15.43	15.30	15.06	14.43	14.49	14.57	---	14.94	16.12	14.46
21	15.16	15.54	14.93	15.01	15.03	14.49	14.72	14.52	---	15.12	15.95	14.69
22	14.99	15.55	15.08	14.90	15.22	14.50	14.46	14.97	14.64	15.08	16.53	14.50
23	15.31	15.11	15.23	14.62	14.91	14.54	14.54	15.13	14.55	15.31	16.41	14.61
24	15.33	15.34	15.28	14.98	14.87	14.82	15.02	14.40	14.69	15.19	16.08	14.55
25	15.44	15.53	15.09	14.90	14.90	14.99	14.99	13.91	14.56	---	16.01	14.69
26	15.05	15.49	15.36	14.64	14.84	15.11	14.58	13.98	14.52	14.63	16.04	14.87
27	15.05	15.25	15.07	15.28	15.07	14.92	13.99	13.92	14.82	13.71	14.93	14.46
28	14.97	15.35	15.04	15.36	15.01	14.68	13.89	14.15	---	13.57	14.94	14.60
29	15.15	15.53	14.93	15.16	---	14.34	13.89	13.98	---	14.87	14.49	13.93
30	15.39	15.08	15.19	15.50	---	14.83	11.90	14.49	---	15.04	14.57	14.39
31	15.07	---	14.98	14.69	---	14.72	---	14.46	---	14.97	13.95	---
MEAN	14.80	14.85	15.11	15.03	14.97	14.73	14.24	14.47	14.63	14.91	14.98	14.48
MAX	15.44	15.55	15.99	15.50	15.24	15.11	15.20	15.33	14.82	15.31	16.53	14.87
MIN	13.57	13.94	14.55	14.58	14.49	13.93	11.60	11.75	14.52	13.57	13.07	13.73

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 sea level (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft above sea level (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft above sea level (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--Records good except for estimated daily discharges, June 1 - 10, 19, 20, July 5, 6, Aug. 16 - 18, 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). Stages and discharges for other floods at site and datum at Fifth Street gage are as follows: 280,000 ft³/s, Jan. 17, 1796, gage height (determined by analysis of historical documents), 38 ft (revised); 260,000 ft³/s, May 28, 1840, gage height, 37.5 ft (revised); 230,000 ft³/s, Aug. 29, 1852, gage height, 36.8 ft (revised); 160,000 ft³/s, Jan. 1, 1864, gage height, 34.0 ft (revised); 220,000 ft³/s, Jan. 11, 1865, gage height, 36.4 ft (revised). Stages for the 1840, 1852, 1864, and 1865 floods were obtained from the City of Augusta, Georgia, gage records that were copied in the log books of the National Weather Service. These floods and floods recorded by the National Weather Service beginning in 1876 are stored in the USGS peak flow database. Other historical documents indicated floods of unknown magnitude occurred in 1722 and 1741.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4690	8400	5650	4870	6080	7470	12700	5450	5140	38000	5350	19700
2	4870	6940	4620	5900	6780	10600	11200	6180	5600	32000	6020	20100
3	4850	5780	4510	6420	6760	19000	6170	7850	6500	17400	7280	18700
4	5380	4950	4410	7590	6490	15900	7130	7070	5600	13900	7070	11000
5	7130	4750	5000	8700	4790	8160	9410	7300	5000	11100	8190	9450
6	6310	4410	5700	7650	6200	6850	9350	5860	5800	19400	6050	10300
7	4920	4930	6070	7570	9350	8790	9040	4830	5700	19700	5030	10600
8	4550	5670	5760	4850	7180	5660	7690	4950	6000	26200	6310	8840
9	4360	6180	5640	6470	9200	6170	7340	7190	6600	19600	6240	7230
10	4370	5750	5630	8360	9490	12200	6010	5580	7000	12100	8440	8240
11	4540	5540	4500	6980	11600	12300	9650	6410	5050	7970	7120	6750
12	4790	4510	4900	5890	11300	8970	12000	6350	4920	6470	7460	6410
13	4820	4330	6400	6750	8710	6240	12700	4810	5770	6280	5900	6840
14	4770	4380	7070	7910	8830	7970	12700	4500	6770	5720	4910	10400
15	4580	4720	6550	7340	7730	9250	12300	4740	6500	8680	4820	9330
16	4420	4960	6610	5960	7810	9480	12500	5140	5260	9500	6000	8250
17	4650	4790	6190	6870	5180	10600	7530	6380	5350	10000	12000	7260
18	4980	4640	5530	8540	4930	8810	5720	5920	4600	10900	16000	6600
19	5030	4990	4630	10400	5190	7730	5980	5820	4800	10400	25000	7130
20	4670	5040	5630	13500	5350	6670	7070	5430	5200	10700	31800	7030
21	4760	4880	6180	12000	5680	6100	6440	4540	6810	10600	31300	8270
22	4790	5630	5410	9240	6790	6400	9460	4950	8740	8730	33300	9600
23	5000	5140	6470	6640	7110	6490	4520	6080	7080	7750	33000	9270
24	5070	4930	5630	5710	9630	6770	5520	9060	6230	7640	31800	8230
25	5530	5410	5380	6720	10300	9530	8880	6520	4770	6640	31600	5950
26	6630	5460	5400	6140	7970	12000	9740	5850	4790	5910	31600	6310
27	5930	4920	5180	5460	6680	10300	9850	5090	5900	4570	26700	9360
28	4950	5070	6660	6120	8160	8980	8410	4200	10200	5140	21200	9690
29	4670	7370	4810	5590	---	12500	7890	4400	24100	6050	18500	9940
30	6390	6420	5970	7770	---	17300	8360	5250	35500	8820	22600	9140
31	9520	---	7280	8310	---	14200	---	5460	---	5800	21800	---
TOTAL	161920	160890	175370	228220	211270	299390	263260	179160	227280	373670	490390	285920
MEAN	5223	5363	5657	7362	7545	9658	8775	5779	7576	12050	15820	9531
MAX	9520	8400	7280	13500	11600	19000	12700	9060	35500	38000	33300	20100
MIN	4360	4330	4410	4850	4790	5660	4520	4200	4600	4570	4820	5950
CFSM	.70	.71	.75	.98	1.00	1.29	1.17	.77	1.01	1.61	2.11	1.27
IN.	.80	.80	.87	1.13	1.05	1.48	1.30	.89	1.13	1.85	2.43	1.42

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1884 - 1994, BY WATER YEAR (WY)

MEAN	7136	7015	9331	12410	14250	15550	13490	9009	8206	7752	8324	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 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1884 - 1994

ANNUAL TOTAL	4438820		3056740									
ANNUAL MEAN	12160		8375							10010		
HIGHEST ANNUAL MEAN										16580		1964
LOWEST ANNUAL MEAN										5344		1988
HIGHEST DAILY MEAN	39300	Jan 13	38000	Jul 1					315000		Oct 3	1929
LOWEST DAILY MEAN	4330	Nov 13	4200	May 28					1040		Oct 2	1927
ANNUAL SEVEN-DAY MINIMUM	4600	Oct 8	4600	Oct 8					1170		Aug 23	1925
INSTANTANEOUS PEAK FLOW			40700	Jul 1					350000		Oct 3	1929
INSTANTANEOUS PEAK STAGE			21.40	Jul 1					*46.30		Sep 27	1929
INSTANTANEOUS LOW FLOW			3350	Jul 27					**648		Sep 24	1939
ANNUAL RUNOFF (CFSM)	1.62		1.12							1.33		
ANNUAL RUNOFF (INCHES)	21.99		15.15							18.11		
10 PERCENT EXCEEDS	26900		12500						18700			
50 PERCENT EXCEEDS	7120		6520						6900			
90 PERCENT EXCEEDS	4850		4790						3910			

* At site and datum then in use.

** From rating curve extended below 1,400 ft³/s.

SAVANNAH RIVER BASIN

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).

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Data collection platform. Elevation of gage is 165 ft above sea level (from topographic map). June 10, 1966 to Sept. 30, 1989 at site 1.0 mi upstream at datum 10 ft higher.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	121	108	110	110	111	113	95	88	109	115	101
2	101	114	107	135	108	220	111	95	112	105	135	104
3	101	110	107	117	106	163	109	96	109	112	112	109
4	100	108	106	143	104	131	108	102	94	165	109	106
5	99	117	121	118	117	123	108	100	95	145	112	102
6	100	119	112	111	127	117	108	96	103	118	115	101
7	101	109	108	109	113	114	107	95	111	110	110	104
8	102	107	107	109	115	112	105	95	98	108	105	104
9	102	106	106	107	116	112	104	94	96	105	104	103
10	101	106	109	105	114	123	104	93	98	102	102	102
11	102	105	115	104	117	119	105	93	108	99	101	104
12	103	105	109	140	119	111	105	93	105	100	101	102
13	102	105	106	127	112	110	110	92	142	104	103	101
14	102	106	114	113	109	114	107	91	106	108	107	100
15	103	106	121	109	107	110	105	93	99	102	103	99
16	105	106	111	107	107	109	104	105	97	106	127	100
17	116	107	108	110	105	107	102	94	94	99	175	101
18	109	108	106	132	106	107	101	92	94	100	126	114
19	107	107	106	112	105	107	101	93	96	140	127	127
20	106	107	108	109	105	106	100	91	91	133	118	107
21	106	106	125	108	103	106	99	91	90	110	113	104
22	106	106	111	106	101	106	102	91	90	139	124	102
23	111	106	121	105	106	104	109	90	91	160	110	102
24	107	106	119	104	190	106	101	89	89	159	106	106
25	105	106	111	104	134	184	99	88	93	123	104	107
26	108	106	108	103	119	136	99	87	99	116	103	105
27	107	138	107	104	112	120	98	89	141	115	102	102
28	105	147	106	124	109	118	97	87	176	147	101	101
29	106	115	108	124	---	152	96	87	125	122	101	100
30	228	111	107	125	---	126	95	87	118	113	100	99
31	183	---	105	118	---	116	---	89	---	111	101	---
TOTAL	3435	3326	3423	3552	3196	3800	3112	2873	3148	3685	3472	3119
MEAN	111	111	110	115	114	123	104	92.7	105	119	112	104
MAX	228	147	125	143	190	220	113	105	176	165	175	127
MIN	99	105	105	103	101	104	95	87	88	99	100	99
CFSM	1.12	1.12	1.12	1.16	1.16	1.24	1.05	.94	1.06	1.20	1.13	1.05
IN.	1.29	1.25	1.29	1.34	1.20	1.43	1.17	1.08	1.19	1.39	1.31	1.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1994, BY WATER YEAR (WY)

	MEAN	197.0	103	108	112	111	115	108	101	100	99.7	102	97.6
MAX	130	123	139	145	152	157	156	136	167	123	123	132	124
(WY)	1991	1993	1977	1978	1973	1980	1973	1973	1973	1975	1991	1973	1973
MIN	68.0	70.8	81.6	85.6	79.9	76.4	73.2	70.9	65.8	64.7	65.1	65.0	65.0
(WY)	1983	1983	1983	1984	1990	1990	1990	1990	1990	1983	1982	1990	1990

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1966 - 1994

ANNUAL TOTAL	42450	40141	
ANNUAL MEAN	116	110	104
HIGHEST ANNUAL MEAN			133
LOWEST ANNUAL MEAN			77.1
HIGHEST DAILY MEAN	335	Jan 8	509
LOWEST DAILY MEAN	94	Aug 30	53
ANNUAL SEVEN-DAY MINIMUM	95	Aug 27	55
INSTANTANEOUS PEAK FLOW			820
INSTANTANEOUS PEAK STAGE			8.80
INSTANTANEOUS LOW FLOW			49
ANNUAL RUNOFF (CFSM)	1.18	1.11	1.06
ANNUAL RUNOFF (INCHES)	16.00	15.13	14.36
10 PERCENT EXCEEDS	137	125	132
50 PERCENT EXCEEDS	110	106	101
90 PERCENT EXCEEDS	100	95	76

* Also occurred on May 27 to June 1, 21, 22.

** Also occurred on Aug. 19, 22, 23, 1983.

SAVANNAH RIVER BASIN

021973005 TINKER CREEK AT ROAD 8-11 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°22'14'', long 81°31'39'', Barnwell County, Hydrologic Unit 03060106, on upstream side of bridge on SRS Road 8-11, 1.5 mi downstream from US highway 278, and approximately 5.0 mi southwest of Williston.

DRAINAGE AREA.--16.3 mi².

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

GAGE.--Data collection platform. Elevation of gage is 220 ft above sea level (from topographic map).

REMARKS.--WATER YEAR 1993: No estimated daily discharges. Records fair.

WATER YEAR 1994: Records fair except for estimated daily discharges, Oct. 3 to Nov. 24, June 6 - 9, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	24	26	37	35	37	54	33	32	34	23	20
2	21	24	26	36	35	36	42	32	30	34	23	20
3	22	25	26	34	35	44	39	32	30	32	23	20
4	38	27	26	34	35	64	38	33	29	30	25	20
5	34	33	26	37	36	45	60	35	29	29	25	28
6	28	28	27	48	43	41	52	32	28	28	24	29
7	25	26	30	60	49	39	42	32	28	29	29	26
8	35	25	30	107	56	39	40	31	28	29	33	27
9	55	24	28	61	42	38	40	30	28	28	28	25
10	35	24	30	44	39	37	43	30	27	27	26	23
11	29	24	30	41	38	36	39	29	28	26	25	22
12	27	33	28	51	43	36	38	29	28	26	24	22
13	26	36	28	46	40	63	36	30	28	25	23	22
14	25	28	28	40	37	49	36	31	29	25	23	22
15	24	26	28	39	36	40	35	30	29	24	24	22
16	24	25	28	39	44	41	36	28	29	24	23	22
17	24	24	29	38	47	43	35	28	28	24	22	23
18	24	24	30	37	40	42	35	28	29	24	22	28
19	23	24	28	37	37	38	35	28	28	34	22	26
20	23	24	28	37	36	37	35	29	28	65	22	29
21	23	35	28	54	37	37	35	29	29	36	22	54
22	23	45	28	49	45	37	35	28	29	29	23	55
23	23	34	28	41	44	47	34	28	30	30	24	32
24	23	31	28	42	36	58	34	28	30	32	23	27
25	23	30	29	43	35	42	34	28	37	33	22	25
26	24	39	29	37	46	54	35	27	44	31	21	24
27	24	33	31	36	41	73	35	29	44	27	21	23
28	24	29	39	35	38	50	34	28	37	26	21	23
29	24	27	40	35	---	44	33	28	46	25	21	23
30	24	26	37	35	---	42	33	28	38	26	21	22
31	24	---	37	35	---	54	---	33	---	25	20	---
TOTAL	822	857	914	1345	1125	1383	1152	924	937	917	728	784
MEAN	26.5	28.6	29.5	43.4	40.2	44.6	38.4	29.8	31.2	29.6	23.5	26.1
MAX	55	45	40	107	56	73	60	35	46	65	33	55
MIN	21	24	26	34	35	36	33	27	27	24	20	20

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

MEAN	26.5	28.6	29.5	43.4	40.2	44.6	38.4	29.8	31.2	29.6	23.5	26.1
MAX	26.5	28.6	29.5	43.4	40.2	44.6	38.4	29.8	31.2	29.6	23.5	26.1
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
MIN	26.5	28.6	29.5	43.4	40.2	44.6	38.4	29.8	31.2	29.6	23.5	26.1
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 WATER YEAR

ANNUAL TOTAL	11888
ANNUAL MEAN	32.6
HIGHEST DAILY MEAN	107 Jan 8
LOWEST DAILY MEAN	20 Aug 31
ANNUAL SEVEN-DAY MINIMUM	20 Aug 29
INSTANTANEOUS PEAK FLOW	123 Jan 8
INSTANTANEOUS PEAK STAGE	2.31 Jan 8
10 PERCENT EXCEEDS	44
50 PERCENT EXCEEDS	30
90 PERCENT EXCEEDS	23

SAVANNAH RIVER BASIN

021973005 TINKER CREEK AT ROAD 8-11 AT SAVANNAH RIVER SITE, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	30	24	26	28	34	27	19	15	19	22	16
2	22	26	24	32	27	86	27	19	15	17	29	18
3	23	25	24	32	27	44	26	20	19	23	23	32
4	23	24	23	40	26	34	26	20	16	40	20	23
5	24	25	24	29	35	31	26	21	15	28	19	19
6	24	26	23	26	40	30	26	19	15	22	19	18
7	23	24	23	26	31	29	27	18	16	19	19	19
8	23	24	23	26	32	28	26	18	16	17	18	19
9	23	23	23	26	32	28	25	18	17	17	18	18
10	22	23	23	25	34	36	25	18	17	16	17	18
11	22	23	26	25	35	33	25	18	17	15	17	18
12	22	23	24	33	34	28	25	18	17	14	17	17
13	22	23	23	31	31	28	31	17	17	14	18	17
14	22	24	27	26	30	33	29	16	16	16	21	17
15	22	24	29	26	29	29	26	17	17	16	19	16
16	23	24	25	26	28	27	25	23	19	14	26	17
17	24	24	23	29	30	27	24	18	18	14	36	17
18	26	24	23	38	31	27	23	16	19	14	25	24
19	24	24	23	30	29	27	23	16	20	34	24	30
20	24	24	26	28	28	27	22	16	17	45	21	22
21	24	23	32	27	28	27	22	16	15	23	21	19
22	23	23	29	27	28	26	22	15	14	28	25	18
23	24	24	32	27	31	26	25	15	14	77	21	18
24	23	24	29	27	73	28	23	14	13	76	18	32
25	24	24	25	26	40	67	21	14	15	35	17	29
26	24	24	24	26	32	39	21	14	17	26	17	22
27	24	36	24	26	30	31	21	14	34	24	16	20
28	24	36	24	32	29	30	20	14	47	31	16	18
29	22	28	24	33	---	41	20	14	39	29	16	18
30	50	25	25	36	---	33	19	14	25	23	16	18
31	45	---	24	33	---	28	---	14	---	22	17	---
TOTAL	767	754	775	900	908	1042	728	523	571	808	628	607
MEAN	24.7	25.1	25.0	29.0	32.4	33.6	24.3	16.9	19.0	26.1	20.3	20.2
MAX	50	36	32	40	73	86	31	23	47	77	36	32
MIN	22	23	23	25	26	26	19	14	13	14	16	16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

MEAN	25.6	26.8	27.2	36.2	36.3	39.1	31.3	23.3	25.1	27.8	21.9	23.2
MAX	26.5	28.6	29.5	43.4	40.2	44.6	38.4	29.8	31.2	29.6	23.5	26.1
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
MIN	24.7	25.1	25.0	29.0	32.4	33.6	24.3	16.9	19.0	26.1	20.3	20.2
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1993 - 1994

ANNUAL TOTAL	11591	9011		
ANNUAL MEAN	31.8	24.7	28.6	
HIGHEST ANNUAL MEAN			32.6	1993
LOWEST ANNUAL MEAN			24.7	1994
HIGHEST DAILY MEAN	107	Jan 8	107	Jan 8 1993
LOWEST DAILY MEAN	20	Aug 31	13	Jun 24 1994
ANNUAL SEVEN-DAY MINIMUM	20	Aug 29	14	May 24 1994
INSTANTANEOUS PEAK FLOW			Unknown	Oct 31 1993
INSTANTANEOUS PEAK STAGE			*2.97	Oct 31 1993
10 PERCENT EXCEEDS	44		33	
50 PERCENT EXCEEDS	29		24	
90 PERCENT EXCEEDS	23		16	

* Caused by backwater from beaver dam.

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 sea level (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 30, Nov. 27, Jan. 3, Feb. 22, 23, Mar. 1, 2, 24, 25, June 2 to Aug. 4, Aug. 13, 16, 21, 31. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.54	1.2	.92	2.4	.85	2.0	1.2	.53	.28	.49	.67	.89
2	.52	1.3	.94	1.4	.79	6.6	1.5	.49	.50	.54	.13	.67
3	.51	1.3	.92	2.5	.73	1.4	1.4	.48	1.1	1.0	.10	.68
4	.50	1.3	.89	1.6	.67	1.2	1.3	.48	.79	1.4	.08	.65
5	.49	2.1	1.0	.90	3.6	1.0	1.5	.45	.73	.56	.08	.66
6	.47	1.1	.80	.91	1.1	.98	1.7	.42	1.5	.50	.10	.65
7	.46	1.0	.80	.88	.86	1.5	1.8	.41	.88	.45	.12	.67
8	.45	1.0	.87	.84	1.2	2.6	1.8	.41	.72	.42	.15	.77
9	.44	1.0	1.5	.84	.88	2.5	1.8	.41	.65	.39	.15	.87
10	.42	1.0	1.5	.84	3.2	5.8	1.8	.45	.69	.38	.17	.78
11	.42	1.0	.92	.84	2.8	4.0	1.8	.40	.66	.35	.20	.75
12	.50	1.0	.93	2.7	1.3	3.7	1.5	.43	.65	.60	.25	.72
13	.51	1.4	.96	.87	.96	3.7	1.9	.38	.61	3.0	.70	.82
14	.49	1.2	2.1	.80	.81	3.9	1.8	.32	.58	.92	.61	.80
15	.44	1.0	.98	.81	.78	3.7	1.6	.32	.56	.59	.59	.80
16	.54	1.0	.95	.80	1.1	3.0	.83	.90	.56	.50	2.8	.89
17	.52	1.1	1.2	2.8	.75	2.6	.80	.36	.54	.43	1.1	.84
18	.46	1.3	1.5	1.2	.69	2.3	.78	.33	1.2	.38	1.8	1.3
19	.44	1.2	1.2	.88	.60	1.7	.76	.31	.61	.39	.73	.70
20	.42	1.2	1.5	.83	.59	1.3	.76	.32	.54	.50	.55	.64
21	.41	1.3	1.0	.79	.59	1.2	.76	.34	.50	.39	1.0	.73
22	.42	1.3	.88	.74	.59	1.2	.89	.32	.46	2.5	.59	.78
23	.59	1.3	2.0	.72	1.0	1.2	.82	.31	.46	2.0	.53	.60
24	.57	1.2	.90	.72	2.8	2.0	.72	.30	.45	.39	.65	.77
25	.56	1.3	.87	.70	1.0	6.0	.59	.28	.44	.30	.72	.57
26	.56	1.3	.84	.66	.89	1.2	.54	.27	.42	.25	.71	.54
27	.51	2.6	.84	.65	.87	1.0	.55	.29	1.1	.90	.44	.55
28	.50	1.0	.84	1.9	.85	1.0	.54	.27	.61	.27	.42	.54
29	.73	.88	.84	1.3	---	3.5	.54	.26	.54	.19	.42	.51
30	11	.88	.84	2.3	---	1.0	.54	.26	.50	.17	.46	.51
31	1.2	---	.84	1.0	---	.98	---	.28	---	.14	1.2	---
TOTAL	26.59	36.76	33.07	37.12	32.85	75.76	34.82	11.78	19.83	21.29	18.22	21.65
MEAN	.86	1.23	1.07	1.20	1.17	2.44	1.16	.38	.66	.69	.59	.72
MAX	11	2.6	2.1	2.8	3.6	6.6	1.9	.90	1.5	3.0	2.8	1.3
MIN	.41	.88	.80	.65	.59	.98	.54	.26	.28	.14	.08	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1994, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	1.02	1.49	1.23	2.21	1.59	2.37	1.53	.97	.85	1.51	1.57	1.09
MAX	1.28	2.11	1.45	4.21	2.35	3.39	1.89	1.41	1.13	3.12	3.17	1.50
(WY)	1993	1993	1993	1993	1993	1993	1993	1991	1992	1991	1991	1991
MIN	.86	1.13	1.07	1.20	1.17	1.20	1.16	.38	.66	.69	.59	.72
(WY)	1994	1992	1994	1994	1994	1992	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1991 - 1994

ANNUAL TOTAL	599.03	369.74	
ANNUAL MEAN	1.64	1.01	
HIGHEST ANNUAL MEAN			1.33
LOWEST ANNUAL MEAN			1.78
HIGHEST DAILY MEAN			1.01
LOWEST DAILY MEAN	50	11	50
ANNUAL SEVEN-DAY MINIMUM	.41	.08	.08
INSTANTANEOUS PEAK FLOW	.45	.11	.11
INSTANTANEOUS PEAK STAGE		Unknown	Unknown
10 PERCENT EXCEEDS	2.5	4.98	6.06
50 PERCENT EXCEEDS	1.2	1.8	2.3
90 PERCENT EXCEEDS	.54	.37	.54

* Also occurred on Aug. 5.

SAVANNAH RIVER BASIN

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'27'', long 81°38'57'', Aiken County, Hydrologic Unit 03060106, on right upstream side of concrete culvert on Road 4, 0.5 mi west of H area, 0.9 mi southwest of junction of SRS roads 4 and F, at Savannah River Site.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 230 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 30, Nov. 5, 27, Dec. 14, 20, 23, Jan. 1, 3, 12, 17, 28, 30, Feb. 5, 10, 11, 23, 24, Mar. 1, 2, 10, 24 - 26, 29, June 2, 4, 6, 18, 27, July 2 - 4, 12, 13, 20, 22, 23, 27, Aug. 1, 13, 16 - 18, 21, 31, and Sept. 18. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.04	.02	.40	.04	.85	.03	.00	.00	.01	.40	.18
2	.02	.03	.02	.21	.03	3.0	.03	.00	.22	.35	.08	.02
3	.02	.03	.02	.65	.03	.15	.02	.00	.16	.50	.01	.02
4	.02	.02	.02	.47	.03	.07	.02	.00	.43	.60	.00	.02
5	.02	.40	.21	.07	1.2	.03	.02	.00	.04	.03	.00	.02
6	.02	.05	.02	.04	.10	.03	.02	.00	1.2	.01	.00	.02
7	.02	.03	.02	.03	.05	.03	.02	.00	.18	.00	.01	.02
8	.02	.02	.02	.02	.35	.02	.02	.00	.02	.01	.01	.02
9	.02	.02	.02	.02	.04	.02	.02	.00	.01	.01	.00	.01
10	.02	.02	.24	.02	.80	.60	.02	.00	.17	.00	.00	.00
11	.02	.02	.09	.02	.47	.08	.02	.00	.06	.00	.00	.00
12	.02	.02	.02	1.0	.10	.06	.02	.00	.01	.30	.00	.01
13	.02	.02	.02	.06	.05	.06	.22	.00	.01	2.5	.45	.00
14	.02	.02	.50	.03	.03	.24	.02	.00	.01	.15	.15	.01
15	.02	.02	.05	.03	.02	.03	.02	.01	.01	.02	.01	.00
16	.02	.02	.02	.03	.02	.03	.02	.26	.01	.01	3.5	.00
17	.02	.02	.02	.65	.02	.03	.02	.00	.01	.01	.55	.01
18	.02	.03	.02	.23	.02	.03	.02	.00	.40	.00	1.1	.32
19	.02	.04	.02	.08	.02	.03	.02	.00	.04	.00	.25	.02
20	.02	.04	.20	.05	.02	.03	.02	.00	.07	.21	.04	.01
21	.02	.03	.20	.03	.02	.03	.02	.00	.01	.05	.60	.01
22	.02	.06	.03	.03	.02	.03	.06	.00	.00	2.0	.10	.01
23	.02	.06	.90	.03	.16	.03	.03	.00	.01	.85	.02	.01
24	.02	.02	.03	.03	1.4	.40	.01	.00	.01	.10	.02	.01
25	.03	.02	.02	.03	.06	3.0	.01	.00	.07	.02	.01	.01
26	.02	.02	.02	.03	.04	.08	.00	.00	.08	.03	.01	.01
27	.02	.85	.02	.03	.03	.05	.00	.00	.75	.35	.01	.01
28	.02	.03	.02	.55	.05	.06	.00	.00	.04	.25	.01	.00
29	.03	.02	.03	.37	---	1.2	.00	.00	.05	.03	.01	.00
30	4.0	.02	.02	.91	---	.26	.00	.00	.06	.02	.01	.00
31	.08	---	.02	.13	---	.05	---	.00	---	.01	.45	---
TOTAL	4.68	2.04	2.88	6.28	5.22	10.61	0.75	0.27	4.14	8.43	7.81	0.78
MEAN	.15	.068	.093	.20	.19	.34	.025	.009	.14	.27	.25	.026
MAX	4.0	.85	.90	1.0	1.4	3.0	.22	.26	1.2	2.5	3.5	.32
MIN	.02	.02	.02	.02	.02	.02	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1994, BY WATER YEAR (WY)

	1993	1993	1992	1993	1992	1993	1992	1993	1992	1992	1992	1993
MEAN	.15	.14	.13	.36	.21	.31	.12	.031	.19	.22	.21	.12
MAX	.19	.27	.20	.56	.24	.48	.23	.045	.35	.32	.30	.27
(WY)	1993	1993	1992	1993	1992	1993	1992	1993	1992	1992	1992	1993
MIN	.096	.068	.084	.20	.19	.095	.025	.009	.068	.077	.087	.026
(WY)	1992	1994	1993	1994	1994	1992	1994	1994	1993	1993	1993	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1992 - 1994

ANNUAL TOTAL	68.00	53.89	
ANNUAL MEAN	.19	.15	.18
HIGHEST ANNUAL MEAN			.21
LOWEST ANNUAL MEAN			.15
HIGHEST DAILY MEAN	7.0 Jan 8	4.0 Oct 30	7.0 Jan 8 1993
LOWEST DAILY MEAN	.01 Jan 1	* .00 Apr 26	* .00 Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	.01 May 30	.00 Apr 26	.00 Apr 26 1994
INSTANTANEOUS PEAK FLOW		Unknown Jul 22	Unknown Sep 21 1993
INSTANTANEOUS PEAK STAGE		4.88 Jul 22	5.19 Sep 21 1993
10 PERCENT EXCEEDS	.29	.40	.40
50 PERCENT EXCEEDS	.06	.02	.04
90 PERCENT EXCEEDS	.02	.00	.01

* Also occurred many days every year.

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 September 1994 (discontinued).

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

REMARKS.--Estimated daily discharges, Oct. 30, Nov. 27, Jan. 1, 3, 12, Feb. 5, 6, 23, 24, Mar. 1, 10 - 14, 24, 25, Apr. 22, May 15, June 13, 26, 27, July 3, 4, 7, 8, 18, 19, 23, 27, Aug. 2 - 9, Sept. 30. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.54	.29	.19	.47	.17	.60	.21	.07	.11	.13	.22	.12
2	.55	.25	.19	.31	.21	1.1	.22	.09	.13	.13	.12	.16
3	.53	.24	.18	.60	.26	.33	.21	.17	.13	.47	.13	.20
4	.39	.24	.29	.36	.18	.23	.21	.11	.15	.60	.13	.18
5	.39	.51	.26	.28	.81	.21	.20	.07	.16	.21	.16	.17
6	.51	.17	.21	.28	.17	.23	.17	.07	.55	.14	.13	.17
7	.49	.18	.21	.28	.13	.21	.16	.07	.28	.16	.13	.13
8	.48	.23	.21	.28	.22	.16	.16	.07	.28	.15	.13	.16
9	.49	.22	.21	.28	.08	.16	.17	.07	.30	.14	.12	.16
10	.49	.20	.43	.32	.32	.48	.16	.07	.30	.14	.11	.17
11	.57	.18	.23	.35	.44	.10	.13	.07	.22	.14	.11	.15
12	.56	.18	.28	1.8	.19	.10	.14	.07	.14	.20	.11	.15
13	.30	.16	.25	1.2	.13	.10	.26	.07	.21	.14	.16	.15
14	.15	.19	.61	.78	.10	.10	.16	.07	.13	.13	.20	.15
15	.10	.23	.28	.68	.09	.10	.15	.16	.12	.12	.15	.16
16	.15	.22	.20	.32	.07	.10	.16	.14	.13	.10	.52	.29
17	.10	.19	.07	.54	.12	.10	.15	.07	.18	.10	.16	.20
18	.24	.16	.07	.07	.15	.13	.11	.07	.18	.10	.36	.41
19	.70	.16	.07	.07	.12	.16	.10	.08	.18	.20	.13	.16
20	.47	.16	.38	.07	.11	.16	.08	.07	.17	.12	.12	.15
21	.47	.16	.08	.07	.15	.16	.07	.07	.17	.13	.20	.09
22	.39	.19	.22	.18	.15	.16	.16	.08	.18	.45	.14	.13
23	.10	.19	.40	.49	.60	.16	.16	.10	.17	1.2	.12	.07
24	.10	.20	.17	.35	.48	.28	.16	.11	.27	.21	.09	.11
25	.08	.16	.16	.23	.20	.78	.14	.10	.27	.17	.13	.13
26	.07	.16	.16	.13	.26	.20	.10	.10	.47	.17	.12	.12
27	.05	.47	.16	.16	.28	.17	.10	.11	.78	.60	.11	.14
28	.05	.22	.16	.59	.21	.53	.09	.11	.18	.21	.11	.16
29	.39	.22	.15	.25	---	.72	.07	.07	.27	.18	.10	.27
30	1.0	.22	.10	.37	---	.25	.10	.07	.14	.15	.11	.38
31	.20	---	.10	.15	---	.21	---	.07	---	.14	.23	---
TOTAL	11.10	6.55	6.68	12.31	6.40	8.48	4.46	2.72	6.95	7.23	4.86	5.19
MEAN	.36	.22	.22	.40	.23	.27	.15	.088	.23	.23	.16	.17
MAX	1.0	.51	.61	1.8	.81	1.1	.26	.17	.78	1.2	.52	.41
MIN	.05	.16	.07	.07	.07	.10	.07	.07	.11	.10	.09	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	MEAN	.21	.17	.20	.24	.26	.28	.21	.18	.21	.27	.37	.24
MAX	.36	.30	.49	.45	.42	.45	.45	.33	.45	.38	.59	1.63	.79
(WY)	1994	1993	1990	1990	1990	1993	1990	1990	1990	1990	1992	1993	1993
MIN	.056	.074	.071	.088	.087	.19	.15	.051	.093	.10	.067	.049	
(WY)	1988	1988	1989	1989	1989	1984	1994	1993	1987	1987	1987	1987	

SUMMARY STATISTICS FOR 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1984 - 1994

ANNUAL TOTAL	153.41	82.93	
ANNUAL MEAN	.42	.23	.24
HIGHEST ANNUAL MEAN			.43
LOWEST ANNUAL MEAN			.14
HIGHEST DAILY MEAN	2.3 Aug 9	1.8 Jan 12	2.4 Oct 12 1990
LOWEST DAILY MEAN	.03 *Apr 30	.05**Oct 27	.02 Dec 15 1985
ANNUAL SEVEN-DAY MINIMUM	.03 May 20	.07 May 5	.02 Oct 14 1986
INSTANTANEOUS PEAK FLOW		Unknown Jul 23	Unknown Jul 25 1990
INSTANTANEOUS PEAK STAGE		1.67 Jul 23	1.86 Jul 25 1990
10 PERCENT EXCEEDS	1.2	.48	.48
50 PERCENT EXCEEDS	.23	.16	.16
90 PERCENT EXCEEDS	.05	.08	.07

* Also occurred on May 8, 9, 14 - 16, 18, 20 - 29, 31, June 1, 22, 23, July 13 - 18, 21, 22.

** Also occurred on Oct. 28.

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 May 1994 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 370 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 30, Dec. 29, Jan. 23 - 25, Feb. 5, 23, Mar. 25 to May 24, Records poor. Discharges above 7.8 ft³/s, are undefined. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.03	.01	.73	.03	1.1	.02	.03	---	---	---	---
2	.01	.02	.01	.12	.03	1.0	.02	.03	---	---	---	---
3	.01	.07	.01	.84	.03	.04	.02	.03	---	---	---	---
4	.02	.01	.10	.25	.20	.02	.02	.10	---	---	---	---
5	.01	.37	.25	.18	1.4	.51	.02	.03	---	---	---	---
6	.01	.02	.01	.21	.04	.03	.02	.03	---	---	---	---
7	.07	.13	.01	.02	.02	.14	.02	.03	---	---	---	---
8	.02	.03	.01	.04	.23	.02	.02	.05	---	---	---	---
9	.61	.03	.01	.02	.03	.28	.02	.03	---	---	---	---
10	.03	.02	.24	.03	.29	.30	.10	.04	---	---	---	---
11	.01	.03	.02	.03	.27	.02	.03	.03	---	---	---	---
12	.01	.01	.01	.71	.04	.01	.08	.03	---	---	---	---
13	.01	.00	.01	.03	.45	.07	.10	.03	---	---	---	---
14	.01	.01	.38	.03	.02	.03	.03	.04	---	---	---	---
15	.01	.01	.22	.03	.01	.01	.03	.06	---	---	---	---
16	.14	.01	.03	.03	.00	.01	.05	.50	---	---	---	---
17	.02	.01	.02	.53	.00	.01	.03	.05	---	---	---	---
18	.01	.01	.01	.05	.00	.01	.03	.05	---	---	---	---
19	.01	.00	.01	.03	.00	.01	.10	.05	---	---	---	---
20	.02	.01	.43	.03	.24	.01	.08	.05	---	---	---	---
21	.03	.01	.06	.03	.01	.01	.03	.30	---	---	---	---
22	.04	.01	.08	.03	.01	.01	.08	.03	---	---	---	---
23	.01	.10	.38	.02	.50	.01	.03	.03	---	---	---	---
24	.01	.01	.03	.01	.66	.43	.03	.03	---	---	---	---
25	.01	.00	.02	.01	.03	.43	.03	---	---	---	---	---
26	.02	.00	.23	.01	.02	.02	.03	---	---	---	---	---
27	.01	.80	.01	.02	.02	.02	.03	---	---	---	---	---
28	.01	.01	.00	.38	.02	.10	.03	---	---	---	---	---
29	.29	.01	.04	.14	---	.11	.03	---	---	---	---	---
30	.95	.01	.02	.44	---	.02	.03	---	---	---	---	---
31	.02	---	.02	.04	---	.02	---	---	---	---	---	---
TOTAL	2.44	1.79	2.69	5.07	4.60	4.81	1.19	---	---	---	---	---
MEAN	.079	.060	.087	.16	.16	.16	.040	---	---	---	---	---
MAX	.95	.80	.43	.84	1.4	1.1	.10	---	---	---	---	---
MIN	.00	.00	.00	.01	.00	.01	.02	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	.15	.13	.12	.19	.17	.18	.11	.10	.15	.16	.12
MAX	.45	.32	.20	.38	.32	.33	.21	.18	.27	.32	.24
(WY)	1991	1993	1987	1987	1987	1993	1991	1987	1988	1989	1992
MIN	.053	.026	.048	.062	.099	.021	.040	.029	.060	.042	.041
(WY)	1985	1985	1985	1986	1990	1985	1994	1993	1990	1986	1986

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	46.86		
ANNUAL MEAN	.13		
HIGHEST ANNUAL MEAN		.15	1991
LOWEST ANNUAL MEAN		.22	1985
HIGHEST DAILY MEAN	2.1	.082	Aug 20 1986
LOWEST DAILY MEAN	.00	.00	* Jul 27 1986
ANNUAL SEVEN-DAY MINIMUM	.01	.00	Sep 20 1986
INSTANTANEOUS PEAK FLOW	Unknown	Unknown	Jul 25 1990
INSTANTANEOUS PEAK STAGE	1.53	2.55	Jul 25 1990
10 PERCENT EXCEEDS	.35	.35	
50 PERCENT EXCEEDS	.04	.05	
90 PERCENT EXCEEDS	.01	.02	

* Also occurred on Sept. 19, 1993 and many days in 1994.

SAVANNAH RIVER BASIN

02197306 TIMS BRANCH AT ROAD 2 SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°19'05'', long 81°42'47'', Aiken County, Hydrologic Unit 03060106, on right bank, approximately 100 ft downstream of concrete culvert on SRS Road 2, 1.7 mi northeast of the intersection of SRS Road C, at Savannah River Site.

DRAINAGE AREA.--13.8 mi².

PERIOD OF RECORD.--October 1993 to September 1994.

GAGE.--Data collection platform. Datum of gage is 186.13 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, Oct. 30, Feb. 5, 21, Mar. 25, May 19, 30, 31, June 1, 2, 5 - 30, July 1 - 5, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	3.7	3.7	4.9	3.9	4.6	3.4	2.1	1.6	2.1	2.8	1.8
2	2.7	3.2	3.6	5.0	3.6	18	3.1	2.1	1.8	2.0	2.4	1.4
3	2.5	3.2	3.6	5.5	3.2	6.9	2.9	2.1	1.7	3.1	2.4	1.8
4	2.7	3.6	3.7	5.5	3.0	4.6	2.8	2.2	1.6	4.0	2.1	1.8
5	2.7	4.9	4.1	4.1	6.8	3.9	2.8	2.2	1.6	3.9	2.0	1.8
6	2.9	4.1	3.7	3.8	4.3	3.5	2.8	2.1	4.6	2.9	1.9	1.8
7	2.8	3.6	3.6	3.4	3.6	3.4	2.7	2.1	3.1	2.4	2.1	1.9
8	2.6	3.7	3.5	3.6	4.0	3.2	2.6	2.1	2.3	2.1	1.9	1.8
9	2.8	3.7	3.5	3.2	4.1	3.2	2.6	2.1	2.0	2.0	1.8	1.9
10	2.6	3.7	3.9	3.1	4.1	4.1	2.6	2.1	2.0	1.9	1.8	1.9
11	2.5	3.7	4.0	3.0	4.0	3.4	2.6	2.1	1.9	1.9	1.7	1.8
12	3.0	3.8	3.6	5.2	3.7	3.2	2.5	2.0	1.8	1.8	1.8	1.7
13	3.4	3.7	3.6	4.1	3.6	3.0	2.5	2.0	1.8	1.9	2.2	1.8
14	2.8	3.8	4.8	3.8	3.3	3.3	2.6	1.9	1.9	1.8	1.7	1.9
15	2.6	3.2	4.0	3.5	3.1	3.0	2.6	1.9	1.7	1.8	1.8	1.8
16	2.8	3.4	3.8	3.3	3.0	2.9	2.6	3.2	1.7	1.7	3.5	1.8
17	2.9	3.4	3.6	4.5	3.0	2.8	2.4	2.0	1.7	1.6	5.8	1.8
18	2.7	3.4	3.5	4.8	2.9	2.8	2.4	1.9	1.9	1.6	4.1	2.2
19	2.7	3.5	3.2	3.6	2.8	2.7	2.5	1.9	1.8	1.6	3.5	2.0
20	2.7	3.3	3.9	3.3	2.9	2.7	2.4	1.8	1.6	1.7	2.2	1.8
21	2.7	3.0	4.2	3.2	2.8	2.6	2.4	1.8	1.4	1.6	1.9	1.9
22	2.8	3.3	3.6	3.0	2.8	2.7	2.5	1.8	1.4	2.5	1.9	1.9
23	3.1	3.4	4.6	2.9	4.7	2.7	2.5	1.6	1.5	6.2	2.3	1.8
24	2.8	3.4	3.8	2.9	18	3.0	2.3	1.6	2.0	9.6	3.1	1.9
25	2.8	3.3	3.5	2.9	6.6	19	2.3	1.6	2.7	3.7	1.8	1.9
26	3.0	3.3	3.5	2.9	4.2	6.3	2.2	1.6	3.7	2.7	1.6	1.9
27	3.4	7.2	3.4	2.9	3.6	4.3	2.2	1.6	4.5	3.0	1.8	1.8
28	3.3	4.8	3.3	4.4	3.1	3.9	2.2	1.5	3.5	4.3	1.9	1.8
29	3.2	4.1	3.4	3.6	---	7.1	2.2	1.5	2.8	2.9	1.8	2.0
30	26	3.9	2.9	4.3	---	4.2	2.2	1.5	2.4	2.4	1.7	1.8
31	8.4	---	3.2	3.8	---	3.6	---	1.5	---	2.3	1.7	---
TOTAL	116.6	112.3	114.3	118.0	118.7	144.6	76.4	59.5	66.0	85.0	71.0	55.2
MEAN	3.76	3.74	3.69	3.81	4.24	4.66	2.55	1.92	2.20	2.74	2.29	1.84
MAX	26	7.2	4.8	5.5	18	19	3.4	3.2	4.6	9.6	5.8	2.2
MIN	2.5	3.0	2.9	2.9	2.8	2.6	2.2	1.5	1.4	1.6	1.6	1.4

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

	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MEAN	3.76	3.74	3.69	3.81	4.24	4.66	2.55	1.92	2.20	2.74	2.29	1.84
MAX	3.76	3.74	3.69	3.81	4.24	4.66	2.55	1.92	2.20	2.74	2.29	1.84
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	3.76	3.74	3.69	3.81	4.24	4.66	2.55	1.92	2.20	2.74	2.29	1.84
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1994 WATER YEAR

ANNUAL TOTAL	1137.6	
ANNUAL MEAN	3.12	
HIGHEST DAILY MEAN	26	Oct 30
LOWEST DAILY MEAN	1.4	Jun 21
ANNUAL SEVEN-DAY MINIMUM	1.5	May 25
INSTANTANEOUS PEAK FLOW	Unknown	Oct 30
INSTANTANEOUS PEAK STAGE	3.97	Oct 30
10 PERCENT EXCEEDS	4.2	
50 PERCENT EXCEEDS	2.8	
90 PERCENT EXCEEDS	1.8	

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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Dec. 8 - 13, 17 - 20, Jan. 28 - 31, Feb. 6, 7, 9 - 11, Apr. 25 - 30, May 1 to 31, June 1 - 7, 24 - 27, which are poor. Flow regulated by Savannah River Site operations 5 mi upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.6	8.5	6.7	7.9	8.5	8.7	7.7	5.0	4.2	5.1	5.9	3.9
2	4.6	6.6	6.4	12	8.1	37	7.0	5.0	4.2	4.7	6.5	3.3
3	4.6	6.3	6.3	10	7.4	15	6.7	5.2	4.0	4.7	5.0	3.4
4	4.6	6.2	6.3	14	7.0	11	6.7	5.4	4.0	7.9	5.0	3.6
5	4.6	9.9	7.8	9.1	12	8.9	6.7	5.2	5.3	9.6	4.5	3.3
6	4.5	8.7	6.8	8.2	13	8.5	6.6	5.0	11	6.9	4.3	3.4
7	4.6	6.9	6.5	7.8	10	7.7	6.4	5.0	7.0	5.3	4.2	3.7
8	4.6	6.5	6.6	7.7	8.9	7.3	6.0	5.0	5.8	4.6	4.1	3.5
9	4.7	6.5	7.3	7.0	9.2	6.9	6.0	5.0	4.8	4.3	3.8	3.6
10	4.7	6.4	8.0	6.6	9.4	9.7	6.0	5.0	4.9	4.0	3.6	3.6
11	4.6	6.4	8.1	6.3	9.2	8.0	6.0	4.8	4.8	3.9	3.5	3.6
12	4.6	6.4	7.6	11	9.0	7.5	6.0	4.8	4.4	3.8	3.5	3.4
13	5.4	6.4	7.8	9.3	8.3	7.1	6.6	4.8	4.1	3.9	4.2	3.3
14	4.8	6.4	8.6	8.5	8.0	8.1	6.5	6.0	4.6	3.9	4.4	3.3
15	4.7	6.2	8.3	7.5	7.3	7.4	6.2	7.0	4.1	3.7	3.5	3.4
16	4.9	6.1	7.3	7.0	7.0	7.0	6.3	8.1	4.1	3.4	6.2	3.4
17	5.2	6.1	6.8	8.1	6.7	6.7	5.9	5.6	4.0	3.2	13	3.7
18	4.7	6.1	6.6	12	6.7	6.4	5.8	4.7	4.5	3.0	10	4.7
19	4.8	6.1	6.8	8.0	6.6	6.3	5.9	4.5	4.1	3.1	11	4.6
20	4.8	6.1	8.0	7.0	6.4	6.2	5.9	4.4	3.7	3.5	5.9	3.7
21	4.8	5.7	9.2	6.8	6.1	6.1	5.9	4.4	3.3	3.4	5.2	3.6
22	4.8	5.6	7.0	6.7	5.9	6.3	6.4	4.2	3.3	5.4	5.2	3.8
23	4.8	5.6	9.4	6.5	7.8	6.1	6.9	3.9	3.3	9.5	4.8	3.4
24	4.8	5.7	8.1	6.5	32	7.0	5.9	3.6	4.5	16	6.0	3.6
25	4.9	5.7	7.0	6.5	13	40	5.6	3.5	5.5	8.3	4.9	3.7
26	4.9	5.7	6.9	6.3	9.5	15	5.4	3.5	6.6	6.0	3.7	3.6
27	5.0	13	6.7	6.2	7.8	9.8	5.2	3.5	8.4	5.5	3.7	3.4
28	5.0	9.8	6.6	9.8	7.1	8.9	5.2	3.6	11	9.7	3.7	3.2
29	5.3	7.9	6.9	8.4	---	17	5.2	3.6	6.7	6.3	3.8	3.3
30	44	7.1	6.7	9.8	---	10	5.0	3.6	6.5	5.2	3.6	3.3
31	21	---	6.4	8.6	---	8.6	---	3.7	---	5.0	3.5	---
TOTAL	203.9	206.6	225.5	257.1	257.9	326.2	183.6	146.6	156.7	172.8	160.2	107.3
MEAN	6.58	6.89	7.27	8.29	9.21	10.5	6.12	4.73	5.22	5.57	5.17	3.58
MAX	44	13	9.4	14	32	40	7.7	8.1	11	16	13	4.7
MIN	4.5	5.6	6.3	6.2	5.9	6.1	5.0	3.5	3.3	3.0	3.5	3.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

	5.56	5.66	6.23	7.38	7.14	8.05	6.04	5.36	4.92	4.44	5.22	4.86
MEAN	5.56	5.66	6.23	7.38	7.14	8.05	6.04	5.36	4.92	4.44	5.22	4.86
MAX	19.5	8.91	8.28	13.7	10.5	14.5	8.86	10.4	7.84	8.10	11.5	8.91
(WY)	1991	1993	1982	1993	1975	1980	1993	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1974 - 1994

ANNUAL TOTAL	2870.8	2404.4	5.92
ANNUAL MEAN	7.87	6.59	8.20
HIGHEST ANNUAL MEAN			4.30
LOWEST ANNUAL MEAN			92
HIGHEST DAILY MEAN	86	Jan 8	Oct 12 1990
LOWEST DAILY MEAN	3.8	Jul 11	Sep 27 1981
ANNUAL SEVEN-DAY MINIMUM	4.2	Jul 10	Sep 24 1981
INSTANTANEOUS PEAK FLOW			129
INSTANTANEOUS PEAK STAGE			5.69
10 PERCENT EXCEEDS	12		9.1
50 PERCENT EXCEEDS	6.4		4.9
90 PERCENT EXCEEDS	4.3		3.0

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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 125 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Nov. 14 - 17, Feb. 6, 7, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	174	476	233	231	278	244	255	172	159	206	211	184
2	174	261	224	330	245	621	244	173	170	181	270	174
3	174	229	221	330	232	764	235	172	211	181	238	194
4	175	220	220	386	226	453	232	183	193	353	197	202
5	173	247	245	383	270	308	228	188	183	527	186	181
6	173	296	258	277	365	277	226	180	201	298	187	174
7	177	260	227	248	302	262	226	174	243	206	184	176
8	179	226	219	243	270	253	219	172	201	189	176	176
9	179	218	216	236	287	247	214	171	180	181	172	175
10	178	216	224	226	285	283	213	168	182	173	168	174
11	176	214	261	224	310	332	211	169	190	166	165	174
12	178	211	248	297	313	272	210	167	180	163	166	170
13	179	211	226	375	272	247	234	165	208	194	205	167
14	178	218	247	288	248	271	259	162	196	242	225	165
15	179	218	304	247	232	268	222	163	173	184	189	164
16	182	218	272	230	226	245	211	208	169	171	240	164
17	211	218	236	238	222	231	203	195	167	163	545	168
18	214	220	225	345	221	225	198	170	177	159	469	190
19	198	219	222	323	220	224	194	165	190	175	337	246
20	194	218	225	251	219	221	192	165	176	303	258	209
21	195	213	290	237	217	219	189	164	163	323	216	183
22	188	211	283	231	213	219	192	163	158	240	251	174
23	192	212	283	228	224	214	210	160	163	478	226	170
24	194	213	312	226	477	221	198	159	157	552	195	175
25	187	214	267	224	569	645	188	157	160	460	182	197
26	188	211	240	221	327	662	183	154	170	265	176	191
27	197	301	228	221	258	361	180	155	203	216	172	175
28	193	442	223	284	237	291	182	156	355	300	169	169
29	188	385	226	340	---	403	175	155	369	305	168	166
30	508	257	230	341	---	415	172	154	260	228	166	164
31	743	---	222	341	---	292	---	157	---	207	167	---
TOTAL	6618	7473	7557	8602	7765	10190	6295	5216	5907	7989	6876	5401
MEAN	213	249	244	277	277	329	210	168	197	258	222	180
MAX	743	476	312	386	569	764	259	208	369	552	545	246
MIN	173	211	216	221	213	214	172	154	157	159	165	164
CFSM	1.21	1.42	1.39	1.58	1.58	1.87	1.19	.96	1.12	1.46	1.26	1.02
IN.	1.40	1.58	1.60	1.82	1.64	2.15	1.33	1.10	1.25	1.69	1.45	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

	MEAN	186	204	211	237	237	249	217	192	184	187	193	180
MAX	394	296	272	402	307	377	334	321	267	304	401	237	
(WY)	1991	1993	1977	1993	1993	1993	1993	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1974 - 1994

ANNUAL TOTAL	97072	85889	
ANNUAL MEAN	266	235	206
HIGHEST ANNUAL MEAN			274
LOWEST ANNUAL MEAN			154
HIGHEST DAILY MEAN	1130	Jan 8	764 Mar 3
LOWEST DAILY MEAN	160	Aug 17	** 154 May 26
ANNUAL SEVEN-DAY MINIMUM	162	Aug 29	155 May 25
INSTANTANEOUS PEAK FLOW			826 Mar 3
INSTANTANEOUS PEAK STAGE			5.97 Mar 3
ANNUAL RUNOFF (CFSM)	1.51		1.34
ANNUAL RUNOFF (INCHES)	20.52		18.15
10 PERCENT EXCEEDS	385		328
50 PERCENT EXCEEDS	233		216
90 PERCENT EXCEEDS	174		167
			2040
			7.87
			1.17
			15.93
			296
			185
			134

* Also occurred on July 12, 1990.

** Also occurred on May 27 - 30.

SAVANNAH RIVER BASIN

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: February 1993 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.5°C, July 21, 1993; minimum, 4.5°C, Jan. 20, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.0°C, June 22, 24, many days in July; minimum, 4.5°C, Jan. 20.

Water Year 1993: Maximum, 25.5°C, July 21; minimum, 5.5°C, March 14, 15.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1992 SEPTEMBER 1993

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	10.5	8.0	9.0	18.0	14.5	17.0	18.0	16.5	17.0
2	---	---	---	11.0	9.0	10.0	17.5	14.5	16.0	19.0	17.5	18.5
3	---	---	---	---	---	---	14.5	12.0	13.5	19.0	18.5	19.0
4	---	---	---	---	---	---	15.0	13.0	14.0	19.0	18.0	18.5
5	---	---	---	---	---	---	15.0	13.0	14.5	20.0	18.5	19.0
6	10.5	9.0	9.5	---	---	---	13.5	11.5	12.5	20.5	19.0	19.5
7	10.5	8.5	10.0	12.5	10.0	11.5	15.5	11.5	13.5	20.0	19.0	19.5
8	9.5	8.0	9.0	13.0	10.5	12.0	16.0	12.5	14.5	20.5	19.0	20.0
9	11.5	9.0	10.0	14.0	11.5	13.0	16.0	14.5	15.0	20.5	19.0	19.5
10	11.5	11.0	11.5	14.5	12.0	13.5	17.0	14.5	16.0	20.0	19.0	19.5
11	12.5	10.0	11.0	15.0	13.0	14.0	17.5	14.0	16.0	20.0	19.0	19.5
12	14.5	12.0	13.0	14.0	11.5	12.0	19.0	16.0	17.5	20.0	19.0	19.5
13	14.5	12.0	13.0	11.5	7.0	9.5	19.0	17.0	18.5	20.0	19.0	19.5
14	12.5	10.5	11.5	7.5	5.5	6.5	19.5	17.0	18.5	20.5	18.0	18.5
15	11.5	9.0	10.0	8.0	5.5	7.0	19.0	18.5	19.0	19.0	17.5	18.5
16	12.0	9.5	11.0	10.0	7.0	8.0	19.5	18.0	18.5	19.5	17.5	18.5
17	12.0	10.5	11.0	12.0	9.5	10.5	18.0	16.5	17.0	20.0	18.5	19.0
18	11.0	9.5	10.5	13.0	10.5	12.0	16.5	15.0	15.5	21.0	19.0	20.0
19	10.5	8.0	8.5	12.0	9.5	11.0	16.0	14.5	15.0	21.0	19.0	20.0
20	9.0	7.5	8.5	13.0	10.0	11.0	17.5	15.5	16.0	19.5	18.5	19.0
21	12.0	9.0	10.0	15.0	12.5	13.5	17.5	16.5	17.0	19.0	17.0	17.5
22	14.5	11.5	13.0	16.0	13.5	15.0	16.5	15.0	15.5	17.5	16.5	17.0
23	14.0	11.5	12.5	15.5	14.5	15.0	15.0	13.5	14.0	17.5	16.0	17.0
24	11.5	9.5	10.0	17.0	14.5	15.5	15.5	13.5	14.5	19.0	17.0	17.5
25	10.0	8.0	8.5	17.5	14.5	16.0	17.5	15.0	16.0	19.5	18.0	19.0
26	9.0	7.5	8.0	17.5	14.5	16.0	18.5	17.0	17.5	20.0	19.0	19.5
27	9.5	7.5	8.5	14.5	13.5	14.0	18.5	16.5	17.5	20.0	18.5	19.5
28	10.0	8.5	9.0	15.5	14.0	15.0	16.5	15.5	16.0	20.0	18.5	19.0
29	---	---	---	17.0	14.0	15.5	16.0	15.0	15.5	20.5	18.5	19.5
30	---	---	---	18.0	14.5	16.0	17.0	15.0	16.0	21.0	20.0	20.5
31	---	---	---	17.5	16.0	16.5	---	---	---	21.5	20.0	20.5
MONTH	14.5	7.5	10.3	18.0	5.5	12.5	19.5	11.5	15.9	21.5	16.0	19.0

SAVANNAH RIVER BASIN

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16.0	14.5	15.0	12.0	10.5	11.0	11.5	10.5	11.0	8.0	7.0	7.5
2	16.0	14.5	15.5	11.0	10.0	10.5	11.5	10.5	11.0	9.5	8.0	9.0
3	17.5	16.0	16.5	12.5	10.5	11.0	12.5	11.0	11.5	11.0	9.5	10.0
4	18.5	17.0	18.0	15.0	12.5	13.0	15.0	12.0	13.5	11.0	9.0	10.0
5	---	---	---	16.0	14.5	15.5	15.5	14.5	15.0	9.0	7.5	8.5
6	17.5	17.0	17.0	17.0	16.0	16.5	15.0	13.0	13.5	8.5	7.0	8.0
7	18.0	17.0	17.5	16.5	13.0	14.5	13.0	11.5	12.0	11.0	8.0	9.0
8	19.0	18.0	18.5	13.5	11.5	12.0	11.5	10.5	11.0	11.5	11.0	11.5
9	19.0	18.5	19.0	12.5	12.0	12.0	11.5	10.0	11.0	11.0	8.0	9.0
10	19.5	19.0	19.5	13.5	12.0	12.5	12.5	11.0	11.5	8.0	6.5	7.0
11	19.5	16.0	17.5	13.0	11.5	12.0	12.5	11.0	11.5	10.0	7.5	8.5
12	16.0	15.0	15.5	12.5	11.0	11.5	11.0	9.0	9.5	11.5	10.0	11.0
13	15.5	14.5	15.0	15.0	12.0	13.5	9.0	7.5	8.5	11.5	10.5	11.0
14	16.5	15.0	15.5	---	---	---	10.0	9.0	9.5	11.0	10.5	11.0
15	17.5	16.0	16.5	---	---	---	10.5	10.0	10.0	10.5	7.5	9.0
16	18.0	17.5	17.5	---	---	---	11.0	9.5	10.0	8.0	5.5	6.5
17	---	---	---	---	---	---	11.0	9.5	10.5	8.0	6.0	6.5
18	18.5	18.0	18.0	19.0	17.0	18.0	11.5	10.0	10.5	8.0	7.0	7.5
19	19.5	18.5	19.0	17.0	15.0	15.5	11.5	10.5	11.0	7.5	5.0	6.0
20	20.0	19.0	19.5	15.5	14.0	15.0	11.0	9.5	10.0	6.0	4.5	5.0
21	20.0	19.5	20.0	14.5	12.0	12.5	10.5	9.5	10.0	6.5	5.0	6.0
22	20.0	18.0	19.0	12.5	11.0	12.0	10.0	8.5	9.0	7.0	5.5	6.0
23	18.0	16.0	16.5	13.0	12.0	12.5	9.0	8.0	8.5	7.5	5.5	6.5
24	16.5	15.5	16.0	13.5	12.5	13.0	8.5	7.5	8.0	9.0	7.0	8.0
25	17.0	16.0	16.5	13.5	12.5	13.0	8.5	7.0	7.5	10.5	8.0	9.0
26	17.5	17.0	17.5	14.0	13.0	13.5	8.0	7.0	7.5	12.0	10.0	11.0
27	17.5	16.0	16.5	15.0	14.0	14.5	9.0	7.5	8.0	12.0	11.5	11.5
28	16.5	15.0	16.0	14.5	12.5	13.5	10.5	8.5	9.5	13.0	11.0	12.0
29	15.5	13.5	14.0	13.0	11.0	11.5	11.5	10.0	11.0	13.0	12.5	13.0
30	16.0	14.0	15.0	11.5	10.0	11.0	11.0	8.5	10.0	12.5	11.5	12.0
31	15.5	12.0	14.0	---	---	---	9.0	6.5	7.5	11.5	10.0	10.5
MONTH	20.0	12.0	16.9	19.0	10.0	13.1	15.5	6.5	10.3	13.0	4.5	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	8.5	9.0	13.0	10.0	11.0	15.5	13.0	14.5	20.5	18.5	19.5
2	9.0	8.0	8.5	13.0	11.5	12.5	15.5	12.5	14.0	20.0	18.5	19.5
3	8.5	6.5	8.0	11.5	10.0	11.0	16.5	13.5	15.0	18.5	16.5	17.5
4	9.5	7.5	8.5	13.5	9.5	11.5	17.0	15.0	16.0	16.5	15.5	16.0
5	---	---	---	15.0	12.5	13.5	17.5	15.5	16.5	16.5	15.5	16.0
6	---	---	---	15.0	12.0	14.0	18.5	17.0	17.5	17.0	15.5	16.5
7	---	---	---	16.0	13.0	15.0	18.5	17.0	17.5	18.0	16.0	17.0
8	13.5	12.5	13.0	17.0	14.5	15.5	17.5	15.0	16.0	19.0	17.5	18.0
9	16.0	13.5	14.5	18.0	15.5	16.5	17.0	15.5	16.0	18.0	17.0	17.5
10	16.0	13.5	15.5	18.0	16.5	17.5	18.0	15.5	17.0	18.5	17.0	17.5
11	13.5	9.5	11.5	16.5	12.5	14.0	19.0	17.0	18.5	18.0	16.5	17.5
12	10.0	9.0	9.5	13.0	10.0	12.0	19.0	18.0	18.5	19.5	17.5	18.5
13	12.0	10.0	10.5	13.5	11.0	12.0	19.0	18.0	18.5	19.5	18.0	19.0
14	11.5	9.5	10.5	15.0	12.5	13.5	19.0	17.0	18.5	19.0	18.0	18.5
15	11.0	8.5	10.0	15.0	12.0	14.0	19.5	17.5	18.5	20.0	18.5	19.0
16	12.0	10.0	11.0	15.0	13.5	14.5	19.5	18.5	19.0	21.0	19.0	20.0
17	12.0	10.0	11.0	14.5	12.0	13.0	19.0	16.0	17.5	20.5	19.0	19.5
18	14.0	11.5	12.5	15.0	11.5	13.0	17.5	15.5	16.5	19.5	17.5	18.5
19	14.5	12.5	13.5	16.0	13.5	15.0	18.0	16.0	17.0	18.5	17.0	18.0
20	16.0	14.0	15.0	16.0	13.5	15.0	19.0	17.0	18.0	17.0	16.0	16.5
21	---	---	---	18.0	15.0	16.5	19.0	18.0	18.5	16.5	14.5	15.5
22	15.5	14.0	15.0	18.5	17.0	18.0	19.0	18.0	18.5	17.5	15.5	16.5
23	16.5	15.0	16.0	18.0	15.0	16.0	18.5	17.0	17.5	18.5	16.5	17.5
24	16.5	14.0	15.5	17.5	16.0	16.5	17.0	15.0	16.5	19.5	17.5	18.5
25	14.0	10.5	12.5	18.5	16.5	17.5	18.5	16.0	17.0	20.0	18.5	19.5
26	12.5	10.0	12.0	18.0	15.0	17.0	19.5	17.5	18.5	21.0	19.5	20.0
27	12.0	10.0	11.0	19.5	16.5	18.0	20.0	18.0	19.0	21.0	20.0	20.5
28	10.5	9.0	10.0	19.5	18.0	19.0	20.0	19.0	19.5	20.5	19.0	19.5
29	---	---	---	18.0	15.5	17.0	20.0	19.0	19.5	20.0	19.0	19.5
30	---	---	---	16.0	13.5	15.0	20.0	18.5	19.0	19.5	18.5	19.0
31	---	---	---	16.0	13.5	15.0	---	---	---	20.0	18.5	19.0
MONTH	16.5	6.5	11.8	19.5	9.5	14.8	20.0	12.5	17.5	21.0	14.5	18.2

SAVANNAH RIVER BASIN

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°44'42'', Aiken County, Hydrologic Unit 03060106, near right bank, on downstream side of bridge at SRS Road A, 2.0 mi south of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Data collection platform. Elevation of gage is 90 ft above sea level (from topographic map).

REMARKS.--WATER YEAR 1993: Records poor. Estimated daily discharges, Oct. 6, 9 - 11, Nov. 13, 14, 22, 23, Jan. 8 - 19, Feb. 4 - 22, Feb. 25 to Mar. 17, 24, 25, 27, 28, Apr. 1, 2, 6, May 5, June 13 - 16, 26 - 29, July 6 - 8, 19 - 26, Aug. 3 - 5, 7, Sept. 5 - 8, 17, 21, and 22.
WATER YEAR 1994: Records fair, except for estimated discharges, Oct. 1 - 19, Nov. 6 - 8, Dec. 5 - 7, Jan. 4 - 6, Mar. 18, May 2 - 3, July 1 - 3, Aug. 23 - 29, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	218	233	391	361	323	350	780	254	266	216	176	179
2	213	236	330	346	308	450	600	252	244	208	174	178
3	213	252	314	333	295	600	417	249	236	201	230	177
4	293	270	312	327	290	700	374	253	230	191	240	176
5	370	351	281	331	350	600	396	400	220	185	270	400
6	450	390	282	367	400	500	650	320	212	300	197	450
7	272	333	312	449	500	450	486	278	207	330	300	420
8	250	266	350	700	600	380	405	257	207	250	258	340
9	500	249	353	1000	500	350	378	250	206	208	258	278
10	640	241	353	1100	440	340	388	244	209	185	223	228
11	540	239	372	600	360	360	394	241	274	179	207	210
12	307	274	360	580	350	500	369	239	218	175	198	199
13	271	470	334	800	400	600	353	239	300	173	193	194
14	247	490	326	840	350	650	340	242	240	168	196	191
15	237	322	328	520	330	540	330	247	210	163	199	189
16	231	265	331	468	380	450	326	238	210	161	193	188
17	230	252	343	404	430	400	321	232	202	161	186	380
18	229	248	359	378	380	384	298	228	199	165	186	323
19	225	246	323	390	320	364	285	230	195	250	186	339
20	225	245	292	400	370	337	280	241	189	290	184	251
21	224	285	293	428	400	325	275	245	187	220	182	400
22	223	600	308	497	430	310	272	233	188	200	193	450
23	223	640	328	447	383	330	269	229	187	190	200	344
24	223	462	336	372	355	640	269	227	186	300	200	278
25	223	406	332	397	340	500	268	224	186	450	193	224
26	223	395	328	438	450	441	268	222	250	340	186	211
27	222	413	331	418	400	800	277	226	350	217	183	203
28	223	443	370	407	380	700	273	225	380	195	181	199
29	224	468	420	401	---	475	262	222	320	187	183	196
30	227	441	386	395	---	416	257	237	217	184	181	191
31	231	---	367	355	---	409	---	256	---	181	180	---
TOTAL	8627	10425	10445	15249	10814	14651	10860	7680	6925	6823	6316	7986
MEAN	278	347	337	492	386	473	362	248	231	220	204	266
MAX	640	640	420	1100	600	800	780	400	380	450	300	450
MIN	213	233	281	327	290	310	257	222	186	161	174	176
CFSM	1.37	1.71	1.66	2.42	1.90	2.33	1.78	1.22	1.14	1.08	1.00	1.31
IN.	1.58	1.91	1.91	2.79	1.98	2.68	1.99	1.41	1.27	1.25	1.16	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1993, BY WATER YEAR (WY)

	MEAN	220	246	259	284	282	303	268	220	209	208	222	208
	MAX	416	347	377	492	386	473	406	368	318	305	419	287
	(WY)	1991	1993	1977	1993	1993	1993	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 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1974 - 1993

ANNUAL TOTAL	100649	116801	
ANNUAL MEAN	275	320	
HIGHEST ANNUAL MEAN			243
LOWEST ANNUAL MEAN			320
HIGHEST DAILY MEAN	849	Aug 14	172
LOWEST DAILY MEAN	139	Aug 12	172
ANNUAL SEVEN-DAY MINIMUM	155	Jul 11	2000
INSTANTANEOUS PEAK FLOW			83
INSTANTANEOUS PEAK STAGE			84
ANNUAL RUNOFF (CFSM)	1.35	6.50	Unknown
ANNUAL RUNOFF (INCHES)	18.44	1.58	7.89
10 PERCENT EXCEEDS	390	21.40	1.20
50 PERCENT EXCEEDS	249		16.27
90 PERCENT EXCEEDS	180		367
			223
			145

* Also occurred on July 8, 11, 1990.

SAVANNAH RIVER BASIN

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	178	532	246	234	301	252	279	188	153	237	207	199
2	179	325	236	293	255	448	265	188	159	314	238	178
3	179	252	232	329	241	618	257	187	198	318	246	189
4	180	240	232	349	235	500	253	195	197	276	199	194
5	177	251	250	372	254	340	250	203	184	399	185	174
6	178	294	270	306	338	289	249	196	187	350	183	162
7	182	263	240	258	341	272	249	188	236	218	182	164
8	184	242	232	251	278	265	243	185	210	194	175	164
9	184	233	230	247	283	259	239	184	183	203	166	164
10	183	230	230	239	288	276	238	180	185	183	161	164
11	181	227	254	235	305	319	236	180	190	163	157	161
12	182	225	259	270	314	302	233	176	185	157	157	158
13	184	226	242	332	291	262	251	172	190	180	171	152
14	183	232	244	326	259	273	278	168	216	227	224	150
15	184	233	281	260	244	283	253	168	177	192	189	149
16	190	232	291	242	237	262	237	208	170	169	188	150
17	216	232	253	241	232	249	228	210	169	160	352	154
18	219	232	239	308	231	244	221	179	177	152	440	168
19	203	232	235	337	231	244	215	170	192	156	390	213
20	209	229	233	272	228	240	212	170	182	229	314	210
21	210	226	269	247	227	237	209	167	163	297	320	176
22	202	224	293	242	224	238	212	166	155	243	342	165
23	205	224	280	238	228	235	236	163	158	335	350	159
24	210	224	299	236	351	241	225	158	154	406	336	161
25	203	224	289	234	458	473	211	155	155	412	318	179
26	204	224	253	234	390	582	204	152	165	303	304	182
27	211	260	241	231	274	438	201	151	192	219	296	166
28	210	359	234	262	250	313	201	152	262	257	260	159
29	205	400	233	322	---	365	196	150	344	291	201	153
30	345	294	236	339	---	408	191	149	266	238	172	151
31	578	---	234	341	---	339	---	151	---	207	173	---
TOTAL	6538	7821	7790	8627	7788	10066	6972	5409	5754	7685	7596	5068
MEAN	211	261	251	278	278	325	232	174	192	248	245	169
MAX	578	532	299	372	458	618	279	210	344	412	440	213
MIN	177	224	230	231	224	235	191	149	153	152	157	149
CFSM	1.04	1.28	1.24	1.37	1.37	1.60	1.14	.86	.94	1.22	1.21	.83
IN.	1.20	1.43	1.43	1.58	1.43	1.84	1.28	.99	1.05	1.41	1.39	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

MEAN	220	247	259	284	282	304	266	218	208	210	223	206
MAX	416	347	377	492	386	473	406	368	318	305	419	287
(WY)	1991	1993	1977	1993	1993	1993	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1974 - 1994

ANNUAL TOTAL	109453	87114	
ANNUAL MEAN	300	239	243
HIGHEST ANNUAL MEAN			320
LOWEST ANNUAL MEAN			172
HIGHEST DAILY MEAN	1100	Jan 10	2000
LOWEST DAILY MEAN	161	Jul 16	83
ANNUAL SEVEN-DAY MINIMUM	167	Jul 12	84
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE			7.89
ANNUAL RUNOFF (CFSM)	1.48		1.20
ANNUAL RUNOFF (INCHES)	20.06		16.25
10 PERCENT EXCEEDS	450		364
50 PERCENT EXCEEDS	250		224
90 PERCENT EXCEEDS	184		147

* Also occurred on July 8, 11, 1990.

SAVANNAH RIVER BASIN

02197315 UPPER THREE RUNS ABOVE ROAD A AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 1993 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.0°C, July 21, 1993; minimum, 5.0°C, Jan. 20, 21, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.0°C, July 16, 17; minimum, 5.0°C, Jan. 20, 21.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1992 SEPTEMBER 1993

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	20.5	19.5	20.0
9	---	---	---	---	---	---	---	---	---	20.5	19.0	20.0
10	---	---	---	---	---	---	---	---	---	20.0	19.0	19.5
11	---	---	---	---	---	---	---	---	---	20.0	19.0	19.5
12	---	---	---	---	---	---	---	---	---	20.5	19.0	19.5
13	---	---	---	---	---	---	---	---	---	20.0	19.0	19.5
14	---	---	---	---	---	---	---	---	---	19.5	18.5	19.0
15	---	---	---	---	---	---	---	---	---	19.0	18.0	18.5
16	---	---	---	---	---	---	---	---	---	19.5	18.0	18.5
17	---	---	---	---	---	---	---	---	---	19.5	18.5	19.0
18	---	---	---	---	---	---	---	---	---	20.0	19.0	19.5
19	---	---	---	---	---	---	---	---	---	20.0	19.5	20.0
20	---	---	---	---	---	---	---	---	---	20.0	18.5	19.0
21	---	---	---	---	---	---	---	---	---	19.0	17.5	18.0
22	---	---	---	---	---	---	---	---	---	18.0	16.5	17.5
23	---	---	---	---	---	---	---	---	---	17.5	16.5	17.0
24	---	---	---	---	---	---	---	---	---	18.0	17.0	17.5
25	---	---	---	---	---	---	---	---	---	19.0	18.0	18.0
26	---	---	---	---	---	---	---	---	---	19.0	18.5	19.0
27	---	---	---	---	---	---	---	---	---	19.5	18.5	19.0
28	---	---	---	---	---	---	---	---	---	19.5	18.5	19.0
29	---	---	---	---	---	---	---	---	---	19.5	18.5	19.0
30	---	---	---	---	---	---	---	---	---	20.0	19.5	19.5
31	---	---	---	---	---	---	---	---	---	20.5	19.5	20.0
MONTH	---	---	---	---	---	---	---	---	---	20.5	16.5	19.0

SAVANNAH RIVER BASIN

02197315 UPPER THREE RUNS ABOVE ROAD A AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	18.0	17.0	17.5	14.5	12.5	13.0	11.0	10.0	10.5	8.0	7.0	7.5
2	17.0	16.5	17.0	12.5	11.0	11.5	11.5	10.0	10.5	10.0	8.0	8.5
3	17.5	17.0	17.0	11.5	11.0	11.5	12.0	10.5	11.0	10.5	9.5	10.0
4	18.5	17.5	18.0	12.5	11.5	11.5	14.5	12.0	13.0	10.5	9.0	10.0
5	18.5	18.0	18.5	13.5	12.5	13.0	---	---	---	---	---	---
6	18.5	18.0	18.5	---	---	---	---	---	---	---	---	---
7	18.5	18.0	18.0	---	---	---	---	---	---	10.5	8.0	9.0
8	---	---	---	---	---	---	---	---	---	11.5	10.5	11.0
9	---	---	---	12.5	12.0	12.0	11.0	10.0	10.5	11.0	8.5	9.5
10	---	---	---	13.5	12.5	13.0	11.5	10.5	11.0	8.5	7.0	8.0
11	---	---	---	13.0	12.0	12.5	12.0	11.0	11.5	9.5	7.5	8.0
12	---	---	---	12.5	11.0	12.0	11.0	9.0	9.5	11.5	9.0	10.5
13	18.0	16.5	17.0	14.5	12.0	13.5	9.0	8.0	8.5	11.5	11.0	11.0
14	17.0	16.5	17.0	16.5	14.5	15.5	9.5	8.5	9.0	11.5	10.0	10.5
15	17.5	17.0	17.0	18.0	16.5	17.5	10.5	9.5	10.0	10.5	8.0	9.5
16	18.0	17.5	17.5	19.0	17.5	18.0	10.5	9.0	10.0	8.0	6.5	7.0
17	18.5	17.5	18.0	19.0	18.0	18.5	11.0	9.5	10.5	7.5	6.0	6.5
18	18.5	18.0	18.5	19.0	17.5	18.5	11.0	10.0	10.5	8.0	7.5	7.5
19	---	---	---	17.5	16.0	16.5	11.5	10.5	11.0	7.5	5.5	6.0
20	19.5	18.5	19.0	16.0	14.0	15.0	11.0	10.0	10.0	6.0	5.0	5.5
21	19.5	19.0	19.0	14.5	12.0	13.0	10.5	10.0	10.0	6.5	5.0	5.5
22	19.5	19.0	19.5	13.0	11.5	12.0	10.0	9.0	9.0	7.0	5.5	6.5
23	19.5	18.0	18.5	13.5	11.5	12.5	9.0	8.0	8.5	7.5	6.0	6.5
24	18.0	17.0	17.5	14.0	12.5	13.0	8.5	7.5	8.0	8.5	7.0	7.5
25	17.0	16.5	17.0	13.5	12.0	13.0	8.0	7.0	7.5	10.0	8.0	9.0
26	17.0	17.0	17.0	14.0	13.0	13.5	8.0	7.5	7.5	12.0	9.5	10.5
27	17.0	16.5	17.0	14.5	14.0	14.5	9.0	7.5	8.0	12.0	11.5	11.5
28	17.0	16.5	16.5	14.5	12.5	13.5	10.0	8.5	9.0	13.0	11.5	12.0
29	16.5	15.0	16.0	13.0	11.0	11.5	11.5	10.0	10.5	13.0	12.5	13.0
30	15.5	15.0	15.0	11.0	9.5	10.5	11.0	9.0	10.0	12.5	11.5	12.0
31	15.5	14.0	15.0	---	---	---	9.5	7.5	8.0	11.5	10.0	11.0
MONTH	19.5	14.0	17.5	19.0	9.5	13.7	14.5	7.0	9.7	13.0	5.0	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	8.5	9.0	13.0	10.0	11.0	16.0	14.0	15.0	21.0	19.5	20.5
2	9.0	8.0	8.5	13.5	12.5	13.0	16.0	13.5	14.5	---	---	---
3	8.5	7.0	8.0	12.5	11.0	12.0	16.5	14.5	15.5	---	---	---
4	9.5	8.0	8.5	13.5	10.5	12.0	17.5	15.5	16.5	17.5	16.5	17.0
5	---	---	---	15.5	12.5	14.0	18.0	16.0	17.0	17.5	16.0	16.5
6	12.0	10.0	10.5	15.5	13.5	14.5	18.5	17.0	18.0	18.0	16.0	17.0
7	13.5	11.5	12.5	16.5	14.5	15.5	18.5	17.5	18.0	18.5	16.5	17.5
8	14.0	13.0	13.5	17.5	15.5	16.5	17.5	15.5	16.5	19.5	18.0	18.5
9	16.0	13.5	14.5	18.5	16.5	17.5	17.0	15.5	16.5	19.0	17.5	18.5
10	16.5	14.0	15.5	19.0	17.0	18.0	18.5	16.5	17.5	19.0	17.5	18.5
11	14.0	10.5	12.0	17.0	13.5	15.0	19.5	17.5	18.5	19.5	17.5	18.5
12	10.5	9.5	10.0	13.5	11.5	12.5	19.5	18.5	19.0	20.5	18.0	19.0
13	12.0	10.0	10.5	13.5	11.5	12.5	19.5	18.5	19.0	20.5	19.0	20.0
14	11.5	10.5	11.0	15.5	13.0	14.0	19.5	18.0	19.0	20.5	18.5	19.5
15	11.0	9.5	10.5	16.0	13.5	14.5	19.5	18.0	18.5	20.5	19.5	20.0
16	12.5	10.5	11.5	16.0	14.5	15.0	20.0	19.0	19.5	22.0	20.0	21.0
17	12.0	11.0	11.5	---	---	---	19.0	17.0	18.0	21.5	20.0	20.5
18	14.0	11.5	12.5	---	---	---	18.0	16.0	17.0	20.5	18.5	19.5
19	15.0	13.0	14.0	17.0	14.5	15.5	18.5	16.0	17.5	---	---	---
20	16.5	14.5	15.5	17.5	15.0	16.0	19.5	17.0	18.5	18.5	16.5	17.0
21	16.5	15.0	16.0	18.0	16.0	17.0	19.5	18.0	19.0	17.5	15.5	16.5
22	16.0	15.0	15.5	19.5	17.5	18.5	19.5	18.5	19.0	18.5	15.5	17.0
23	17.0	15.5	16.5	18.0	16.5	17.0	18.5	17.5	18.0	19.5	16.5	18.0
24	17.0	15.0	16.0	18.0	16.5	17.0	18.0	16.0	17.0	20.5	18.0	19.0
25	15.0	12.5	13.5	19.0	17.5	18.0	18.5	16.5	17.5	21.0	19.0	20.0
26	13.5	11.5	12.5	18.5	16.5	17.5	20.0	17.5	18.5	---	---	---
27	12.0	10.5	11.5	20.0	17.5	18.5	20.5	18.5	19.5	22.0	21.0	21.5
28	10.5	10.0	10.0	20.0	18.5	19.5	21.0	19.5	20.0	21.0	20.0	20.5
29	---	---	---	19.0	16.5	17.5	21.0	19.5	20.5	21.0	19.5	20.5
30	---	---	---	16.5	14.5	15.5	20.5	19.5	20.0	20.5	19.0	19.5
31	---	---	---	17.0	14.5	15.5	---	---	---	20.5	19.0	20.0
MONTH	17.0	7.0	12.3	20.0	10.0	15.5	21.0	13.5	17.9	22.0	15.5	18.9

SAVANNAH RIVER BASIN

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01'', long 81°46'04'', Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

DRAINAGE AREA.--7,800 mi², approximately.

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 sea level.

REMARKS.--Records good except for estimated daily discharges, Oct. 30 to Nov. 1, June 14, July 1, 4, Aug. 29, Sept. 14 - 20, which are fair. Water is diverted above and below gage by Savannah River Site with the volume diverted varying from day to day. Flow regulated by Hartwell Lake (see sta. 02187250), Richard B. Russell Lake (see sta. 02189004), Thurmond Lake (see sta. 02194500), and affected to some degree by Savannah River Site operations. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 22,000 ft³/s are not shown for July 2, 3, Aug. 20 - 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5650	10800	7240	7030	8120	8970	16100	7570	6180	21200	7840	21200
2	5590	9230	6120	6220	7630	10300	14700	5870	5570	---	7730	20900
3	5740	7640	5620	7300	7660	15400	11200	8340	7030	---	8920	20700
4	5730	6470	5510	8210	7570	18200	7550	7810	6480	21700	9360	19300
5	7160	6070	5700	9290	6770	16300	9800	8160	5430	18800	9780	15800
6	7630	5810	6070	9430	6330	10800	10600	7430	5600	17700	9450	13300
7	6460	5830	6850	8840	9160	9200	10500	6050	6270	19200	7550	13000
8	5660	6330	6980	7450	9010	9200	9560	5630	6220	20000	7850	11600
9	5420	7040	6500	6510	9260	7010	8680	6620	6830	21200	7640	9020
10	5320	6870	6900	8100	10400	10100	7650	6850	7460	20300	9590	9210
11	5340	6670	6010	9010	11500	13300	8180	6780	6360	17000	9530	8870
12	5530	6170	5620	7480	12900	12900	11700	6990	5920	12700	9410	7650
13	5640	5520	6550	7190	11500	8960	13200	6670	6080	9780	8930	7440
14	5680	5450	7600	8760	9980	8030	14000	5500	7270	8090	7410	9660
15	5590	5470	7980	8660	9480	9690	13800	5460	7630	9570	6790	11400
16	5470	5850	7660	7360	8800	10500	14200	5770	6710	11100	8360	10100
17	5590	5830	7460	7600	7720	11100	11700	6760	6230	12100	11400	8880
18	5640	5670	6840	8150	6170	11200	8100	6900	5860	12600	16500	7940
19	6070	5720	6120	9920	6000	9350	6320	6620	5620	13200	19900	8130
20	5730	6010	5820	13300	6180	8370	7730	6680	5950	13100	---	8420
21	5620	5760	7320	14100	6360	7370	7240	5710	6850	13400	---	8620
22	5630	6040	6540	12200	6670	7230	9260	5570	8460	12800	---	10000
23	5710	6490	7010	9700	7940	7370	7620	5990	8640	10700	---	10500
24	6040	5840	7160	6830	9270	7410	5950	8400	7490	10600	---	10200
25	5810	6040	6730	7120	11300	9430	7610	8670	6280	10100	---	8120
26	7330	6360	6210	7570	11800	13000	10100	6900	5600	8870	---	6890
27	6850	6280	6170	6640	8620	13500	10700	6490	5960	7380	---	8930
28	6430	6240	6870	6700	8510	11100	10400	5460	8420	7240	---	10500
29	5690	7040	6580	7100	---	12700	8620	5160	14900	7310	22000	11000
30	7800	8400	5760	7430	---	15500	9220	5330	18800	10500	21100	10700
31	11000	---	7850	9600	---	17200	---	6270	---	9620	21200	---
TOTAL	190550	194940	205350	260800	242810	340690	301990	204410	218100	---	---	337980
MEAN	6147	6498	6624	8413	8672	10990	10070	6594	7270	---	---	11270
MAX	11000	10800	7980	14100	12900	18200	16100	8670	18800	---	---	21200
MIN	5320	5450	5510	6220	6000	7010	5950	5160	5430	---	---	6890
CFSM	.79	.83	.85	1.08	1.11	1.41	1.29	.85	.93	---	---	1.44
IN.	.91	.93	.98	1.24	1.16	1.62	1.44	.97	1.04	---	---	1.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1994, BY WATER YEAR (WY)

MIN	4859	4563	4750	5162	5833	5728	5461	4720	4560	4530	4628	5423
(WY)	1987	1982	1989	1989	1989	1988	1988	1988	1988	1988	1988	1988

SUMMARY STATISTICS

FOR 1994 WATER YEAR

WATER YEARS 1972 - 1994

LOWEST DAILY MEAN	5160	May 29	3220	Dec 9 1981
ANNUAL SEVEN-DAY MINIMUM	3770	July 3	3770	Dec 4 1981
INSTANTANEOUS PEAK FLOW	Unknown	July 3	Unknown	Apr 11 1983
INSTANTANEOUS PEAK STAGE	19.19	July 3	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 September 1994 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1971 to September 1994 (discontinued).

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.5°C, Aug. 23, 1989; minimum, 4.5°C, Jan. 19, 20, 22, 23, Feb. 1, 1977, Feb. 9, 1978, Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.0°C, July 15, Aug. 2 - 4, 10, 14 - 15; minimum, 5.5°C, Jan. 19, 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.5	19.5	20.0	---	---	---	13.0	12.5	12.5	9.0	8.5	8.5
2	20.5	19.5	20.0	14.0	13.0	13.0	12.5	12.0	12.5	9.0	8.0	8.5
3	20.5	19.5	20.0	14.5	13.5	13.5	13.0	12.5	12.5	10.0	9.0	9.0
4	21.0	19.5	20.0	15.5	14.5	15.0	14.0	13.0	13.5	9.0	8.5	9.0
5	21.0	20.5	20.5	16.5	15.5	16.0	14.5	14.0	14.0	9.0	8.0	8.5
6	21.0	20.0	20.5	17.0	16.5	17.0	14.0	13.5	14.0	8.5	7.5	8.0
7	20.5	19.5	20.0	16.5	15.5	16.0	14.0	13.5	13.5	9.0	7.5	8.5
8	20.5	20.0	20.0	15.5	15.0	15.5	13.5	13.0	13.0	10.0	9.0	9.5
9	21.0	20.0	20.5	15.5	15.0	15.0	13.0	12.5	12.5	9.5	8.5	9.0
10	21.5	20.5	21.0	15.0	14.5	15.0	13.0	12.5	12.5	9.0	8.5	8.5
11	21.0	19.5	20.0	15.0	14.0	14.5	13.0	12.0	12.5	8.5	8.0	8.5
12	20.0	19.0	19.5	14.5	14.0	14.5	12.0	11.0	11.5	9.5	8.5	9.0
13	19.5	18.5	19.0	15.5	14.5	15.0	11.0	10.5	11.0	9.5	9.0	9.5
14	18.5	18.0	18.5	16.5	15.5	16.0	11.0	10.5	10.5	9.5	9.0	9.5
15	19.0	18.5	18.5	17.5	16.5	17.0	11.0	10.5	10.5	9.0	7.5	8.0
16	19.0	19.0	19.0	18.5	17.5	18.0	11.0	10.5	10.5	7.5	6.5	6.5
17	19.5	19.0	19.5	19.0	18.5	18.5	11.0	10.5	11.0	7.0	6.5	6.5
18	20.0	19.0	19.5	19.0	18.5	19.0	11.5	10.5	11.0	6.5	6.0	6.5
19	20.5	20.0	20.5	18.5	17.5	18.0	11.5	11.0	11.5	6.5	5.5	6.0
20	21.0	20.5	20.5	17.5	16.5	17.5	11.0	10.5	11.0	6.5	5.5	6.0
21	21.5	21.0	21.5	16.5	15.0	15.5	11.0	10.5	11.0	6.5	6.0	6.0
22	21.5	20.0	21.0	15.0	14.5	15.0	10.5	9.5	10.0	6.5	6.0	6.5
23	20.0	19.0	19.5	14.5	14.5	14.5	9.5	9.5	9.5	7.0	6.5	6.5
24	19.0	18.5	19.0	14.5	14.0	14.5	9.5	8.5	9.0	7.5	6.5	7.0
25	18.5	18.0	18.5	14.5	14.0	14.5	8.5	8.0	8.5	8.0	7.0	7.5
26	18.5	18.0	18.5	14.5	14.5	14.5	8.5	7.5	8.0	8.5	8.0	8.0
27	19.0	18.0	18.5	---	---	---	8.5	8.0	8.0	9.0	8.5	9.0
28	19.0	18.0	18.5	---	---	---	9.0	8.0	8.5	9.5	9.0	9.0
29	18.0	17.5	17.5	13.5	13.0	13.0	10.0	9.0	9.5	10.0	9.5	9.5
30	17.5	16.5	16.5	13.0	12.5	13.0	10.0	9.0	9.5	9.5	9.0	9.0
31	17.0	14.5	16.0	---	---	---	9.0	8.5	9.0	9.0	8.5	8.5
MONTH	21.5	14.5	19.4	19.0	12.5	15.5	14.5	7.5	11.0	10.0	5.5	8.0

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.5	7.5	8.0	11.0	10.0	10.5	15.5	14.5	15.0	20.0	19.0	19.5
2	8.0	7.5	8.0	11.0	10.5	11.0	14.5	14.0	14.5	19.5	19.0	19.5
3	7.5	7.0	7.5	10.5	10.0	10.5	15.5	14.5	15.0	19.5	18.0	18.5
4	8.0	7.0	7.5	10.5	9.5	10.0	16.5	15.0	15.5	18.0	16.5	17.0
5	---	---	---	12.0	10.5	11.0	16.5	15.5	16.0	17.0	16.0	16.5
6	9.0	8.5	9.0	13.0	12.0	12.5	16.5	16.0	16.0	17.0	16.0	16.5
7	10.0	9.0	9.5	14.0	13.0	13.5	16.0	15.5	16.0	18.0	17.0	17.5
8	10.0	9.5	10.0	15.0	13.5	14.0	16.0	15.0	15.5	19.5	18.0	19.0
9	11.5	10.0	10.5	15.5	14.5	15.0	16.0	15.0	15.5	19.5	18.5	19.0
10	12.0	11.0	11.5	15.5	14.5	15.0	17.0	15.5	16.5	19.5	19.0	19.5
11	11.0	10.0	10.5	14.5	13.0	13.5	17.5	17.0	17.0	19.5	18.5	19.0
12	10.0	9.0	9.0	13.0	11.5	12.0	17.5	17.0	17.0	19.5	19.0	19.5
13	9.5	8.5	9.0	12.5	11.5	12.0	17.5	16.0	16.5	20.0	19.0	19.5
14	9.0	8.5	9.0	13.5	12.0	13.0	16.5	15.5	16.0	20.0	19.5	20.0
15	9.0	8.5	9.0	14.0	12.5	13.0	16.5	16.0	16.0	21.0	20.0	20.5
16	10.0	9.0	9.5	13.5	13.0	13.0	17.0	16.0	16.0	22.0	21.0	21.5
17	10.0	9.0	9.5	13.0	12.0	12.5	16.5	16.0	16.0	21.5	20.5	21.0
18	11.5	10.0	10.5	13.0	11.5	12.5	17.5	16.5	17.0	21.5	20.5	21.0
19	12.0	11.0	11.5	14.0	13.0	13.5	18.5	17.0	17.5	21.0	20.0	20.5
20	13.0	12.0	12.5	14.5	13.5	14.0	19.5	18.0	18.5	20.0	19.0	19.5
21	13.5	12.5	13.0	16.0	14.0	15.0	19.5	18.0	18.5	19.0	18.0	18.5
22	13.5	13.0	13.0	16.5	15.5	16.0	19.0	18.0	18.5	19.5	18.5	19.0
23	15.0	13.0	13.5	16.5	15.5	16.0	18.5	17.5	18.0	19.5	18.5	19.0
24	14.5	12.0	13.0	16.5	15.5	16.0	18.0	16.5	17.5	20.0	19.0	19.5
25	13.0	12.0	12.5	---	---	---	18.5	17.5	18.0	20.5	19.5	20.0
26	12.0	11.5	12.0	16.0	15.0	15.5	18.5	17.5	18.0	21.0	19.5	20.0
27	12.0	11.0	11.5	17.0	16.0	16.5	18.0	17.5	17.5	21.0	20.0	20.5
28	11.0	10.5	10.5	18.0	17.0	17.5	18.0	18.0	18.0	21.0	20.5	21.0
29	---	---	---	---	---	---	19.5	18.0	19.0	22.0	21.0	21.0
30	---	---	---	16.0	13.5	14.5	19.5	18.5	19.0	---	---	---
31	---	---	---	15.0	14.5	14.5	---	---	---	---	---	---
MONTH	15.0	7.0	10.4	18.0	9.5	13.6	19.5	14.0	16.8	22.0	16.0	19.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	21.0	20.5	21.0	20.5	19.5	20.0	24.5	23.0	24.0	24.0	23.5	23.5
2	21.5	21.0	21.0	20.5	20.0	20.5	25.0	23.5	24.0	24.0	23.5	23.5
3	21.5	21.0	21.5	20.5	20.0	20.0	25.0	24.0	24.5	23.5	22.0	23.0
4	22.5	21.5	22.0	21.0	20.0	20.5	25.0	24.0	24.5	22.0	21.5	22.0
5	22.5	21.5	22.0	21.5	21.0	21.5	24.5	23.5	24.0	22.0	21.5	22.0
6	23.0	22.0	22.5	21.5	20.0	21.0	24.0	23.5	24.0	23.0	22.0	22.5
7	22.5	22.5	22.5	20.5	19.5	20.0	24.5	23.0	23.5	23.0	22.5	22.5
8	22.5	22.5	22.5	21.0	20.5	20.5	24.0	23.0	23.5	23.0	22.5	23.0
9	22.5	22.0	22.5	21.0	20.0	20.5	24.5	23.0	24.0	23.5	23.0	23.5
10	22.0	21.0	21.5	22.0	21.0	21.5	25.0	23.5	24.0	24.0	23.5	23.5
11	21.5	20.5	21.0	23.0	22.0	22.5	24.0	23.5	23.5	24.0	23.0	23.5
12	22.5	21.5	22.0	23.5	23.0	23.5	24.5	23.5	24.0	24.5	23.5	24.0
13	23.0	21.5	22.5	24.5	23.5	24.0	24.5	23.5	24.0	24.5	23.5	24.0
14	23.0	22.5	23.0	24.5	23.5	24.0	25.0	23.5	24.0	---	---	---
15	23.5	22.5	23.0	25.0	24.0	24.5	25.0	24.0	24.5	---	---	---
16	23.5	22.5	23.0	24.0	23.5	23.5	24.5	23.5	24.0	---	---	---
17	23.0	22.0	22.5	24.0	23.0	23.5	24.0	23.0	23.5	---	---	---
18	23.5	23.0	23.0	23.5	22.5	23.0	23.0	21.5	22.5	---	---	---
19	23.5	22.5	23.0	23.5	22.5	23.0	22.0	21.5	21.5	---	---	---
20	23.5	23.0	23.5	23.0	22.0	22.5	22.5	22.0	22.0	---	---	---
21	24.0	23.0	23.5	23.0	22.0	22.5	22.5	22.5	22.5	23.0	22.0	22.5
22	24.0	23.0	23.5	23.0	22.5	22.5	22.5	22.5	22.5	22.5	22.0	22.0
23	23.0	22.0	22.5	23.0	23.0	23.0	22.5	22.5	22.5	22.0	22.0	22.0
24	23.0	22.0	22.5	24.0	23.0	23.5	23.0	22.5	22.5	22.5	22.0	22.0
25	23.0	22.0	22.5	24.0	23.0	23.5	23.0	22.5	22.5	22.5	22.0	22.5
26	23.0	22.5	23.0	24.5	23.5	24.0	22.5	22.5	22.5	23.0	22.0	22.5
27	23.0	22.5	22.5	24.5	23.5	24.0	23.0	22.5	22.5	23.5	22.5	23.0
28	22.5	22.0	22.0	24.5	23.5	24.0	23.0	22.5	23.0	23.0	22.0	22.5
29	22.5	20.5	21.5	24.5	23.5	24.0	23.5	22.0	23.5	22.5	22.0	22.0
30	21.0	19.5	20.5	24.5	23.5	24.0	23.5	23.5	23.5	22.5	22.0	22.0
31	---	---	---	23.5	23.0	23.5	23.5	23.5	23.5	---	---	---
MONTH	24.0	19.5	22.3	25.0	19.5	22.5	25.0	21.5	23.4	24.5	21.5	22.8
YEAR	25.0	5.5	17.1									

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 sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site Operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.15	.18	.04	.04	.12	.06	.05	.05	.01	.04	.04
2	.03	.17	.21	.04	.04	.09	.06	.05	.09	.01	.04	.05
3	.03	.17	.23	.06	.05	.08	.06	.05	.05	.01	.04	.04
4	.03	.17	.73	.06	.04	.08	.05	.05	.04	.04	.04	.04
5	.03	.20	.73	.05	.05	.08	.05	.05	.04	.03	.04	.04
6	.03	.17	.08	.06	.04	.08	.06	.05	.09	.03	.04	.05
7	.03	.17	.04	.06	.05	.08	.06	.06	.06	.03	.04	.04
8	.03	.17	.03	.06	.05	.08	.07	.06	.06	.04	.04	.05
9	.04	.17	.03	.06	.05	.08	.07	.05	.06	.03	.04	.04
10	.04	.17	.04	.06	.04	.09	.06	.05	.10	.03	.04	.05
11	.04	.17	.04	.06	.04	.08	.08	.05	.06	.03	.04	.04
12	.04	.17	.04	.08	.04	.08	.08	.04	.06	.02	.04	.04
13	.04	.20	.05	.06	.04	.08	.08	.04	.06	.02	.05	.03
14	.04	.26	.06	.05	.05	.08	.06	.04	.06	.01	.04	.03
15	.04	.28	.05	.04	.05	.08	.05	.08	.06	.01	.05	.04
16	.05	.29	.04	.04	.04	.08	.06	.08	.10	.01	.05	.04
17	.04	.20	.04	.05	.03	.08	.05	.06	.06	.01	.05	.04
18	.04	.16	.04	.05	.03	.08	.05	.05	.06	.01	.05	.06
19	.04	.16	.04	.07	.03	.08	.04	.04	.06	.02	.04	.04
20	.04	.20	.05	.08	.03	.12	.04	.04	.05	.03	.04	.04
21	.04	.20	.05	.08	.03	.20	.04	.04	.04	.05	.04	.04
22	.04	.17	.05	.08	.03	.20	.06	.04	.05	.05	.04	.04
23	.04	.16	.05	.08	.04	.24	.05	.04	.05	.03	.04	.04
24	.04	.15	.04	.09	.04	.26	.05	.04	.05	.03	.04	.04
25	.04	.15	.04	.10	.04	.11	.05	.04	.05	.03	.04	.04
26	.05	.17	.04	.09	.04	.06	.05	.04	.10	.03	.04	.04
27	.04	.20	.04	.12	.04	.05	.05	.05	.14	.05	.04	.04
28	.04	.15	.04	.09	.08	.07	.05	.04	.06	.05	.04	.04
29	.06	.17	.03	.05	---	.08	.04	.04	.10	.04	.05	.04
30	.24	.17	.03	.05	---	.06	.05	.04	.03	.04	.04	.04
31	.11	---	.03	.04	---	.06	---	.04	---	.04	.05	---
TOTAL	1.47	5.49	3.19	2.00	1.17	3.09	1.68	1.49	1.94	0.87	1.31	1.24
MEAN	.047	.18	.10	.065	.042	.10	.056	.048	.065	.028	.042	.041
MAX	.24	.29	.73	.12	.08	.26	.08	.08	.14	.05	.05	.06
MIN	.03	.15	.03	.04	.03	.05	.04	.04	.03	.01	.04	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

MEAN	.063	.079	.067	.059	.071	.089	.073	.075	.075	.065	.061	.063
MAX	.13	.18	.11	.10	.18	.23	.16	.16	.19	.13	.10	.12
(WY)	1988	1994	1989	1989	1988	1988	1988	1988	1988	1988	1988	1988
MIN	.025	.010	.019	.015	.019	.021	.010	.015	.019	.028	.024	.041
(WY)	1985	1985	1985	1985	1985	1984	1984	1984	1992	1994	1985	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	25.63	24.94	.072
ANNUAL MEAN	.070	.068	.14
HIGHEST ANNUAL MEAN			.032
LOWEST ANNUAL MEAN			.73
HIGHEST DAILY MEAN	.73 Dec 4	** .73 Dec 4	.01 Dec 23 1983
LOWEST DAILY MEAN	.01 May 5	*** .01 Jul 1	.01 Mar 15 1984
ANNUAL SEVEN-DAY MINIMUM	.02 Jan 13	.01 Jul 12	Unknown Apr 6 1988
INSTANTANEOUS PEAK FLOW		Unknown	1.73 Apr 6 1988
INSTANTANEOUS PEAK STAGE		* 1.49 May 15	.12
10 PERCENT EXCEEDS	.17	.15	.06
50 PERCENT EXCEEDS	.04	.05	.02
90 PERCENT EXCEEDS	.02	.03	

* Also occurred on July 22.

** Also occurred on Dec. 5.

*** Also occurred many days every year.

SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12'', long 81°44'38'', Barnwell County, Hydrologic Unit 03060106, on upstream side of culvert, on the west side of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above sea level (from topographic map). Prior to Nov. 9, 1990, at site 200 ft downstream at different datum.

REMARKS.--Estimated daily discharges, Oct. 30, Nov. 27, Jan. 3, Feb. 24, Mar. 1, 2, 10, 11, 24, 25, 29, May 15, 16, June 27, July 13, 22, Aug. 11 - 15, and 21. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	2.9	2.9	2.3	2.4	4.2	2.8	2.5	2.4	2.5	1.6	2.8
2	2.9	2.7	2.9	2.0	2.4	7.0	2.8	2.5	2.5	2.5	1.4	3.3
3	2.9	2.6	2.8	3.8	2.3	3.2	2.8	2.5	2.6	2.5	1.4	2.9
4	2.9	2.6	2.8	3.3	2.1	2.9	2.8	2.5	2.5	2.7	1.6	2.8
5	2.9	3.0	2.9	3.1	3.7	2.8	2.8	2.4	2.5	2.9	1.6	2.8
6	2.8	2.7	2.7	2.9	2.6	2.8	2.8	2.3	2.7	2.6	1.6	2.8
7	2.8	2.6	2.5	2.9	2.3	2.9	2.7	2.4	2.7	2.5	1.6	2.8
8	2.9	2.5	2.8	2.9	2.5	2.8	2.6	2.3	2.5	2.5	1.6	2.8
9	2.9	2.6	2.7	2.8	2.2	2.9	2.7	2.2	2.4	2.5	1.6	2.8
10	2.9	2.6	2.8	2.7	3.1	6.8	2.6	2.2	2.6	2.5	1.6	2.9
11	2.8	2.5	2.8	2.7	2.8	7.0	2.6	2.2	2.6	2.5	1.7	2.8
12	2.7	2.5	3.0	2.9	2.5	3.7	2.6	2.0	2.4	2.6	2.8	2.8
13	2.7	2.7	2.2	2.7	2.5	3.1	3.2	2.0	2.4	3.2	2.8	2.8
14	2.9	2.6	2.2	2.7	2.2	3.1	2.6	2.0	2.5	1.6	2.8	2.8
15	2.9	2.6	1.9	2.7	2.3	3.1	2.7	2.5	2.6	1.6	2.8	2.8
16	3.1	2.7	1.8	2.7	2.2	3.0	2.7	2.9	2.5	1.6	3.2	2.8
17	3.0	2.8	1.8	3.0	2.3	2.8	2.5	1.8	2.6	1.6	3.1	2.8
18	2.9	2.7	1.8	2.7	2.4	2.8	2.5	1.8	2.5	1.6	2.8	2.8
19	2.9	2.7	1.8	2.5	2.9	2.8	2.5	1.8	2.4	1.6	2.8	2.7
20	2.9	2.6	2.0	2.5	2.8	2.8	2.5	1.8	2.5	1.7	2.8	2.7
21	2.9	2.5	1.9	2.5	2.5	2.9	2.5	1.8	2.4	1.6	4.7	2.5
22	2.7	2.5	1.8	2.5	2.5	2.8	2.9	1.8	2.5	4.2	3.0	2.9
23	2.7	2.6	2.2	2.5	2.8	3.0	2.6	1.8	2.6	2.0	2.8	2.8
24	2.7	2.4	2.0	2.5	4.3	4.4	2.6	1.8	2.4	1.6	2.7	2.8
25	2.7	2.4	1.8	2.5	2.6	8.5	2.5	1.9	2.4	1.6	2.5	2.8
26	2.7	2.4	1.7	2.5	2.5	3.2	2.5	1.9	2.7	1.6	2.8	2.7
27	2.7	4.2	1.7	2.5	2.3	2.8	2.5	2.0	7.8	2.1	2.8	2.5
28	2.7	3.2	1.7	2.8	2.3	3.0	2.7	2.1	2.8	1.7	2.8	2.5
29	2.8	3.0	1.7	2.5	---	4.4	2.5	2.2	2.8	1.6	2.8	2.5
30	8.5	2.9	1.9	2.7	---	3.0	2.5	2.3	2.6	1.6	2.8	2.5
31	3.0	---	1.9	2.4	---	3.0	---	2.3	---	1.6	2.8	---
TOTAL	93.5	81.3	69.4	83.7	72.3	113.5	79.6	66.5	81.4	66.5	75.7	83.0
MEAN	3.02	2.71	2.24	2.70	2.58	3.66	2.65	2.15	2.71	2.15	2.44	2.77
MAX	8.5	4.2	3.0	3.8	4.3	8.5	3.2	2.9	7.8	4.2	4.7	3.3
MIN	2.7	2.4	1.7	2.0	2.1	2.8	2.5	1.8	2.4	1.6	1.4	2.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	MEAN	2.65	2.66	2.43	2.72	2.55	2.68	2.28	2.00	2.23	2.58	2.57	2.55
MAX	3.88	3.54	3.08	5.30	5.19	6.00	4.07	3.19	4.04	4.04	3.45	3.10	
(WY)	1990	1993	1985	1993	1993	1993	1993	1993	1993	1991	1991	1984	
MIN	1.64	1.93	1.80	1.53	1.55	.78	.56	.96	.94	1.69	1.96	1.75	
(WY)	1988	1992	1987	1989	1989	1992	1992	1986	1991	1990	1987	1987	

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	1342.1	966.4	
ANNUAL MEAN	3.68	2.65	2.49
HIGHEST ANNUAL MEAN			3.82
LOWEST ANNUAL MEAN			1.98
HIGHEST DAILY MEAN	13	Jun 11	13 Jun 11 1993
LOWEST DAILY MEAN	1.5	Sep 30	.19 Apr 27 1992
ANNUAL SEVEN-DAY MINIMUM	1.7	Aug 29	.39 Apr 23 1992
INSTANTANEOUS PEAK FLOW		Unknown	Unknown Jun 10 1993
INSTANTANEOUS PEAK STAGE		4.49	5.51 Jun 10 1993
10 PERCENT EXCEEDS	5.6	3.0	3.3
50 PERCENT EXCEEDS	3.2	2.6	2.5
90 PERCENT EXCEEDS	1.8	1.8	1.5

* Also occurred on Mar. 25.

** Also occurred on Aug. 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: October 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 21, 1990; minimum, 0.5°C, Mar. 15, 1993.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.0°C, June 4, Sept. 17 - 19; minimum recorded, 9.0°C, Feb. 5.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	19.0	15.5	17.0	---	---	---	---	---	---
3	---	---	---	21.0	17.0	19.5	---	---	---	---	---	---
4	---	---	---	20.5	19.0	20.0	---	---	---	---	---	---
5	---	---	---	21.0	20.0	20.5	---	---	---	---	---	---
6	---	---	---	22.5	19.5	21.5	---	---	---	---	---	---
7	---	---	---	22.5	18.5	20.0	---	---	---	---	---	---
8	---	---	---	21.5	18.5	20.0	---	---	---	---	---	---
9	---	---	---	21.0	20.0	20.5	---	---	---	---	---	---
10	---	---	---	22.0	19.0	20.5	---	---	---	---	---	---
11	---	---	---	21.0	18.0	19.0	---	---	---	---	---	---
12	---	---	---	20.0	17.5	19.0	---	---	---	---	---	---
13	---	---	---	21.5	18.5	20.0	---	---	---	---	---	---
14	---	---	---	21.5	18.5	21.0	---	---	---	---	---	---
15	---	---	---	23.0	19.5	21.0	---	---	---	---	---	---
16	---	---	---	23.5	21.0	22.0	---	---	---	---	---	---
17	---	---	---	24.5	22.0	23.5	---	---	---	---	---	---
18	---	---	---	25.0	22.5	24.0	---	---	---	---	---	---
19	---	---	---	24.5	22.0	23.5	---	---	---	---	---	---
20	---	---	---	24.5	21.0	23.0	---	---	---	---	---	---
21	---	---	---	23.0	19.0	21.0	---	---	---	---	---	---
22	---	---	---	21.0	18.5	19.5	---	---	---	---	---	---
23	---	---	---	20.0	17.5	18.5	---	---	---	---	---	---
24	---	---	---	21.0	17.5	19.0	---	---	---	---	---	---
25	---	---	---	21.0	17.5	19.5	---	---	---	---	---	---
26	---	---	---	21.0	20.0	20.5	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	25.0	15.5	20.5	---	---	---	---	---	---

SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	14.5	12.5	13.5	20.0	16.5	18.0	26.5	24.0	25.5
2	---	---	---	14.5	13.0	13.5	20.0	16.5	18.0	25.5	24.0	25.0
3	---	---	---	13.5	12.0	13.0	20.5	17.0	18.5	24.5	23.0	23.5
4	---	---	---	14.5	12.0	13.0	22.5	18.5	20.0	23.5	21.5	22.0
5	10.0	9.0	9.5	15.0	12.5	14.0	22.5	19.5	21.0	23.0	21.0	22.0
6	11.0	9.5	10.5	16.0	14.0	15.0	22.5	20.5	21.5	23.5	21.0	22.0
7	12.0	10.5	11.5	17.0	15.0	16.0	22.0	19.0	20.5	24.5	21.5	23.0
8	13.5	11.5	12.5	18.0	16.0	17.0	22.0	17.5	20.0	25.5	21.5	24.0
9	14.0	13.0	13.5	18.5	17.5	18.0	22.0	19.5	20.5	26.0	23.0	24.5
10	14.0	13.0	13.5	---	---	---	23.0	20.0	21.5	26.5	24.0	25.0
11	13.5	12.0	13.0	---	---	---	25.0	21.5	23.0	26.0	24.0	25.0
12	12.0	11.0	11.0	---	---	---	25.0	22.5	23.5	26.5	24.0	25.0
13	11.5	10.5	11.0	---	---	---	24.0	21.5	23.0	25.5	24.0	25.0
14	11.0	10.0	10.5	16.5	15.0	16.0	24.5	22.0	23.0	27.0	24.5	25.5
15	11.5	10.0	11.0	17.0	15.5	16.0	24.5	21.5	23.0	26.5	22.5	25.5
16	12.5	11.0	11.5	17.0	16.0	16.5	23.5	20.5	22.5	24.5	23.0	24.0
17	12.0	11.0	11.5	16.5	14.0	15.5	23.0	19.5	21.0	24.0	22.5	23.0
18	13.0	11.5	12.0	16.0	14.5	15.0	23.5	19.0	21.0	23.5	21.5	22.5
19	16.0	12.5	14.0	17.0	15.5	16.0	24.0	20.0	22.0	23.0	21.0	22.0
20	17.5	15.5	16.5	18.0	16.0	17.0	---	---	---	21.5	20.5	21.0
21	17.5	16.5	17.0	20.0	17.5	18.5	---	---	---	21.0	19.5	20.5
22	17.5	16.0	17.0	20.5	19.5	20.0	---	---	---	22.0	19.5	20.5
23	17.5	16.5	17.0	20.0	17.5	19.0	---	---	---	23.0	20.0	21.5
24	17.0	15.5	16.0	20.0	19.0	19.5	---	---	---	23.5	21.5	22.5
25	16.0	14.0	15.0	21.5	18.5	20.0	---	---	---	24.0	22.0	23.0
26	15.5	14.0	15.0	20.5	17.5	19.0	---	---	---	24.5	23.0	24.0
27	14.5	13.0	13.5	22.0	19.0	20.0	---	---	---	24.5	23.5	24.0
28	14.0	12.5	13.0	22.0	19.5	21.0	---	---	---	25.0	23.0	24.0
29	---	---	---	22.0	18.0	19.5	24.5	22.5	24.0	25.5	23.5	24.5
30	---	---	---	20.5	17.5	18.5	26.0	22.0	24.0	24.5	22.5	24.0
31	---	---	---	20.5	17.5	18.5	---	---	---	25.0	24.0	24.5
MONTH	17.5	9.0	13.2	22.0	12.0	17.0	26.0	16.5	21.4	27.0	19.5	23.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	27.0	24.5	26.0	23.0	21.0	22.5	27.0	25.0	26.0	27.0	26.0	26.5
2	27.5	26.0	26.5	23.5	22.5	23.0	26.5	25.5	26.0	27.0	26.0	26.5
3	27.5	25.5	26.5	23.5	22.5	23.0	27.0	25.5	26.0	26.0	24.5	25.5
4	28.0	25.5	27.0	25.5	22.5	23.5	26.5	25.0	26.0	25.5	24.5	25.0
5	26.5	25.0	25.5	26.0	23.5	24.5	26.5	25.5	26.0	26.0	24.5	25.0
6	27.0	26.0	26.5	24.5	23.0	24.0	26.5	25.0	25.5	26.0	25.0	25.5
7	27.0	26.0	26.5	23.5	22.0	23.0	26.0	24.5	25.0	26.0	25.0	25.5
8	27.0	26.0	26.5	24.0	22.5	23.5	26.0	24.5	25.0	26.0	25.0	25.5
9	27.0	25.5	26.0	24.5	22.5	23.0	26.5	24.0	25.5	26.5	25.5	26.0
10	25.5	24.5	25.0	25.0	23.0	24.0	27.0	24.5	26.0	27.0	25.5	26.0
11	25.5	24.5	25.0	26.0	24.5	25.0	---	---	---	27.0	26.0	26.5
12	26.5	24.0	25.5	26.5	25.0	26.0	---	---	---	27.0	26.0	26.5
13	26.0	23.5	24.5	26.5	25.5	26.0	---	---	---	26.5	25.5	26.0
14	25.5	25.0	25.0	26.5	25.5	26.0	---	---	---	26.5	25.5	26.0
15	26.0	25.0	25.5	27.0	25.5	26.0	27.5	27.0	27.0	27.0	26.0	26.5
16	25.5	24.5	25.0	26.5	25.0	26.0	27.5	26.0	27.0	27.5	26.5	27.0
17	25.5	24.5	25.0	26.0	25.0	25.5	27.0	25.5	26.5	28.0	26.5	27.5
18	26.0	25.0	25.5	26.0	25.0	25.5	26.5	25.0	25.5	28.0	27.5	27.5
19	26.0	24.5	25.0	26.0	25.0	25.5	25.5	24.5	25.0	28.0	26.5	27.0
20	26.5	25.0	25.5	25.5	24.0	25.0	25.5	24.5	25.0	27.0	26.5	26.5
21	26.5	25.5	26.0	25.5	24.5	25.0	26.0	25.0	25.0	27.0	26.0	26.5
22	26.5	25.5	26.0	25.5	24.0	25.0	25.5	25.0	25.0	26.5	25.0	26.0
23	26.0	24.5	25.0	26.0	24.5	25.0	25.5	24.5	25.0	26.0	25.0	25.5
24	25.5	24.0	25.0	26.5	25.0	25.5	25.5	25.0	25.0	27.0	25.5	26.0
25	25.5	24.5	25.0	26.5	24.5	25.5	25.5	24.5	25.0	27.0	26.0	26.5
26	25.5	24.5	25.0	27.0	25.5	26.0	25.5	24.5	25.0	27.0	26.5	26.5
27	25.5	22.5	24.5	27.0	25.0	26.0	25.5	24.5	25.0	26.5	25.0	25.5
28	25.0	23.5	24.5	26.0	25.5	26.0	26.0	25.0	25.5	25.5	24.5	25.0
29	25.0	23.0	24.0	27.0	25.5	26.0	26.5	25.0	25.5	26.5	25.0	26.0
30	24.0	22.0	22.5	26.5	25.5	26.0	27.0	26.0	26.0	27.0	26.0	26.0
31	---	---	---	26.0	25.0	25.5	27.0	26.0	26.5	---	---	---
MONTH	28.0	22.0	25.4	27.0	21.0	24.9	27.5	24.0	25.6	28.0	24.5	26.1
YEAR	28.0	9.0	22.3									

SAVANNAH RIVER BASIN
02197324 D-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'07'', long 81°44'34'', Barnwell County, Hydrologic Unit 03060106, at downstream end of pipe culvert, 60 ft southwest of D-Area, 1.1 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 30, Nov. 27, Dec. 23, Jan. 3, Feb. 5, 7, 8, 21, 24, Mar. 1, 8 to 14, 24, 25, Apr. 13, May 16, June 10, 26, 27, 29, July 4, 13, 20 to 28, Aug. 16, 17, 21, Sept. 2, 10. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.38	.50	.46	.53	.42	.60	.32	.42	.55	.53	.56	.62
2	.38	.50	.46	.46	.42	.55	.32	.42	.58	.53	.55	.72
3	.38	.50	.46	.66	.40	.35	.34	.42	.60	.53	.52	.58
4	.39	.50	.48	.43	.38	.29	.32	.42	.57	.81	.50	.57
5	.42	.61	.48	.42	.55	.29	.32	.42	.57	.62	.50	.57
6	.43	.52	.46	.42	.40	.29	.33	.42	.62	.53	.50	.57
7	.44	.50	.45	.41	.38	.29	.34	.42	.65	.53	.50	.55
8	.44	.50	.44	.40	.40	.29	.33	.43	.59	.53	.50	.57
9	.45	.50	.44	.40	.37	.29	.33	.42	.56	.53	.50	.54
10	.46	.50	.47	.40	.46	.52	.33	.42	.66	.51	.51	.66
11	.46	.50	.47	.40	.42	.29	.35	.42	.56	.50	.56	.55
12	.46	.50	.46	.53	.38	.30	.39	.42	.55	.53	.57	.54
13	.47	.50	.46	.43	.38	.30	.60	.42	.55	.81	.57	.53
14	.48	.50	.55	.42	.37	.30	.44	.42	.55	.64	.66	.53
15	.48	.50	.45	.42	.36	.30	.38	.44	.55	.63	.74	.53
16	.52	.49	.44	.42	.36	.30	.38	.60	.58	.58	1.0	.53
17	.51	.48	.44	.54	.36	.33	.38	.44	.57	.55	.91	.47
18	.50	.48	.44	.42	.36	.32	.38	.44	.57	.55	.74	.44
19	.49	.48	.44	.42	.36	.30	.38	.44	.59	.55	.74	.41
20	.49	.47	.49	.41	.36	.30	.38	.44	.58	.55	.74	.40
21	.50	.44	.45	.40	.36	.30	.38	.44	.57	.70	1.2	.39
22	.50	.44	.44	.40	.36	.29	.45	.44	.60	1.1	.84	.38
23	.50	.46	.50	.40	.43	.30	.42	.44	.61	.78	.74	.38
24	.50	.48	.46	.40	.48	.46	.42	.44	.59	.63	.69	.39
25	.50	.48	.44	.40	.35	.53	.40	.45	.57	.48	.68	.38
26	.52	.48	.44	.40	.35	.32	.36	.46	.78	.48	.59	.37
27	.53	.70	.44	.40	.35	.32	.35	.55	1.2	.48	.53	.36
28	.53	.47	.43	.53	.35	.34	.35	.55	.55	.53	.53	.35
29	.56	.46	.42	.48	---	.45	.39	.55	.85	.49	.53	.33
30	1.0	.47	.42	.49	---	.33	.42	.55	.53	.49	.53	.33
31	.50	---	.42	.43	---	.32	---	.55	---	.50	.57	---
TOTAL	15.17	14.91	14.10	13.67	10.92	10.76	11.28	14.11	18.45	18.20	19.80	14.54
MEAN	.49	.50	.45	.44	.39	.35	.38	.46	.61	.59	.64	.48
MAX	1.0	.70	.55	.66	.55	.60	.60	.60	1.2	1.1	1.2	.72
MIN	.38	.44	.42	.40	.35	.29	.32	.42	.53	.48	.50	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

MEAN	.14	.14	.16	.12	.11	.097	.094	.099	.12	.12	.15	.15
MAX	.49	.50	.46	.44	.39	.35	.38	.46	.61	.59	.64	.48
(WY)	1994	1994	1993	1994	1994	1994	1994	1994	1994	1994	1994	1994
MIN	.044	.035	.043	.035	.031	.031	.031	.031	.024	.024	.039	.037
(WY)	1993	1991	1988	1990	1990	1990	1990	1988	1988	1988	1990	1990

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR				FOR 1994 WATER YEAR				WATER YEARS 1984 - 1994			
ANNUAL TOTAL	68.54				175.91							
ANNUAL MEAN	.19				.48							
HIGHEST ANNUAL MEAN									.13			
LOWEST ANNUAL MEAN									.48			
HIGHEST DAILY MEAN	1.0 Oct 30				1.2 Jun 27				.046			
LOWEST DAILY MEAN	.05 Jul 25				* .29 Mar 4				1.2 Jun 27 1994			
ANNUAL SEVEN-DAY MINIMUM	.05 Jul 25				.30 Mar 3				** .00 Jun 23 1986			
INSTANTANEOUS PEAK STAGE					3.94 Jul 22				.00 Jun 25 1986			
10 PERCENT EXCEEDS	.48				.60				4.95 Oct 1 1989			
50 PERCENT EXCEEDS	.09				.46				.35			
90 PERCENT EXCEEDS	.07				.35				.07			
									.03			

* Also occurred on Mar. 5 - 9, 11, 22.

** 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 sea level (from topographic map).

REMARKS.--WATER YEAR 1993: Estimated daily discharges, Oct. 4, 8, 10, 12, 29, Nov. 9 - 12, Jan. 7, 13, Mar. 4, 6, 10, 13, 23, May 21 - 24, June 11 to July 26, 30 - 31, Aug. 19 - 20, Sept. 8 - 17, 23 - 28. Records poor.

WATER YEAR 1994: Records fair except for estimated daily discharges, Feb. 5, 21, which are poor. Flow regulated by Savannah River Site operations 1.0 mile upstream.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	79	66	67	84	68	71	64	87	80	93	94
2	81	78	66	67	84	68	69	63	88	80	94	96
3	82	80	68	67	84	70	68	63	88	79	94	95
4	83	79	67	68	84	72	67	64	88	78	94	94
5	83	79	67	67	84	69	70	65	88	78	96	97
6	83	81	68	68	84	67	69	65	88	77	97	95
7	83	83	69	70	86	68	68	66	89	76	98	95
8	85	83	68	86	86	68	68	65	91	76	99	95
9	90	83	68	89	75	66	67	66	92	76	99	93
10	86	80	69	86	66	66	68	66	95	76	99	93
11	86	78	69	86	66	66	68	67	95	77	97	93
12	86	75	67	88	67	67	67	67	96	77	95	93
13	85	68	67	88	66	70	67	68	95	76	95	91
14	85	67	67	87	66	69	67	69	94	78	95	90
15	85	66	68	86	66	68	68	70	93	79	95	90
16	85	70	67	86	66	69	69	74	92	80	95	91
17	83	65	68	86	67	70	69	85	91	80	95	95
18	84	66	69	86	66	70	68	86	90	80	95	93
19	84	67	68	86	66	71	67	87	90	79	95	90
20	84	67	66	86	65	70	67	87	89	79	94	88
21	84	70	68	87	66	70	67	86	88	78	91	86
22	82	72	69	87	67	70	66	85	87	78	92	86
23	82	69	68	86	67	71	65	84	86	77	92	86
24	84	68	67	86	67	71	64	85	85	76	93	86
25	83	69	67	86	67	70	65	88	84	76	94	86
26	82	71	67	86	68	73	65	87	83	75	95	86
27	83	66	67	86	69	74	65	87	82	75	93	86
28	82	66	68	86	68	71	65	86	81	79	95	86
29	81	65	69	85	---	71	64	87	80	94	95	86
30	81	66	68	85	---	69	64	87	80	94	96	88
31	80	---	67	85	---	73	---	87	---	93	95	---
TOTAL	2588	2176	2097	2545	2017	2155	2012	2356	2655	2456	2945	2723
MEAN	83.5	72.5	67.6	82.1	72.0	69.5	67.1	76.0	88.5	79.2	95.0	90.8
MAX	90	83	69	89	86	74	71	88	96	94	99	97
MIN	80	65	66	67	65	66	64	63	80	75	91	86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1993, BY WATER YEAR (WY)

	MEAN	84.4	80.0	77.2	73.1	74.5	78.8	80.9	82.5	87.3	93.5	94.2	90.6
MAX	100	101	97.7	94.8	98.1	101	100	107	109	113	116	107	
(WY)	1987	1986	1983	1983	1983	1982	1983	1976	1975	1974	1991	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	
(WY)	1989	1977	1990	1975	1978	1992	1990	1990	1988	1989	1992	1992	

SUMMARY STATISTICS

FOR 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1974 - 1993

ANNUAL TOTAL	25451	28725	
ANNUAL MEAN	69.5	78.7	82.6
HIGHEST ANNUAL MEAN			92.7
LOWEST ANNUAL MEAN			66.6
HIGHEST DAILY MEAN	92	Jul 18	130
LOWEST DAILY MEAN	53	Feb 25	14
ANNUAL SEVEN-DAY MINIMUM	53	Feb 24	64
INSTANTANEOUS PEAK FLOW			131
INSTANTANEOUS PEAK STAGE			2.63
10 PERCENT EXCEEDS	83		94
50 PERCENT EXCEEDS	69		80
90 PERCENT EXCEEDS	57		66
			85
			62
			3.38
			Jun 29 1984
			Jun 21 1985
			Jan 23 1975
			Jan 14 1975
			Jun 29 1984
			Jun 29 1984
			1991
			1989

SAVANNAH RIVER BASIN

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	80	65	63	68	69	66	62	66	87	86	76
2	87	79	66	63	68	73	64	62	66	88	86	76
3	87	78	65	64	68	70	63	63	67	88	86	76
4	88	78	65	66	68	69	64	63	68	88	86	76
5	87	78	65	66	69	69	64	62	72	88	86	76
6	87	78	65	65	70	68	64	63	70	87	86	75
7	85	78	64	65	69	68	64	62	70	87	85	75
8	84	78	62	64	68	65	64	63	70	88	85	74
9	82	77	63	64	66	64	63	63	70	88	85	73
10	82	77	63	64	68	66	63	63	70	88	84	74
11	81	77	63	66	68	67	63	63	70	87	86	74
12	81	77	63	68	68	65	65	63	71	86	80	80
13	81	76	64	68	67	64	65	65	74	86	69	87
14	80	75	65	67	66	64	66	66	83	87	68	87
15	78	66	65	67	64	64	65	66	84	86	68	74
16	80	59	67	67	65	64	64	69	84	86	69	73
17	80	59	67	67	63	64	64	68	84	86	71	73
18	80	59	66	68	63	64	63	68	84	86	70	74
19	79	59	64	63	63	64	62	68	84	86	71	74
20	79	60	64	64	62	64	62	68	83	87	71	73
21	77	60	64	65	62	64	61	68	84	87	72	74
22	76	60	65	65	68	63	64	68	84	89	73	73
23	75	62	65	66	69	64	63	68	88	89	72	73
24	73	61	65	63	71	63	61	68	91	86	71	73
25	74	61	65	65	69	72	62	68	85	86	73	73
26	77	61	64	68	68	67	61	66	84	86	74	73
27	78	63	64	67	67	65	62	67	90	85	74	73
28	79	63	63	68	68	65	62	67	86	84	74	73
29	79	63	63	68	---	67	61	65	87	84	75	70
30	82	63	62	68	---	67	62	66	87	84	75	70
31	80	---	62	68	---	66	---	65	---	85	76	---
TOTAL	2507	2065	1993	2040	1873	2048	1897	2026	2356	2685	2387	2245
MEAN	80.9	68.8	64.3	65.8	66.9	66.1	63.2	65.4	78.5	86.6	77.0	74.8
MAX	89	80	67	68	71	73	66	69	91	89	86	87
MIN	73	59	62	63	62	63	61	62	66	84	68	70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

MEAN	84.3	79.4	76.6	72.8	74.1	78.1	80.0	81.7	86.9	93.2	93.3	89.9
MAX	100	101	97.7	94.8	98.1	101	100	107	109	113	116	107
(WY)	1987	1986	1983	1983	1983	1982	1983	1976	1975	1974	1991	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
(WY)	1989	1977	1990	1975	1978	1992	1990	1990	1988	1989	1992	1992

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1974 - 1994

ANNUAL TOTAL	28429	26122	
ANNUAL MEAN	77.9	71.6	82.0
HIGHEST ANNUAL MEAN			92.7
LOWEST ANNUAL MEAN			66.6
HIGHEST DAILY MEAN	99	Aug 8	130
LOWEST DAILY MEAN	59	Nov 16	14
ANNUAL SEVEN-DAY MINIMUM	59	Nov 16	16
INSTANTANEOUS PEAK FLOW		109	224
INSTANTANEOUS PEAK STAGE		2.25	3.38
10 PERCENT EXCEEDS	94	86	103
50 PERCENT EXCEEDS	78	68	84
90 PERCENT EXCEEDS	64	63	62

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, Jan. 16, 19, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, June 23; minimum, 9.0°C, Jan. 16, 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.5	23.5	24.5	19.5	17.5	18.5	19.0	16.0	17.5	14.5	12.0	13.0
2	25.0	23.0	24.0	18.0	16.5	17.0	18.0	16.0	17.5	15.0	13.0	14.0
3	25.0	23.5	24.0	18.5	16.5	18.0	18.5	17.0	18.0	15.5	13.5	14.5
4	24.0	22.0	23.0	20.5	18.5	19.5	19.5	18.0	18.5	14.5	13.0	14.0
5	23.5	22.5	23.0	21.0	20.0	21.0	19.5	18.0	19.0	13.5	11.5	13.0
6	23.5	22.5	23.0	22.0	21.0	21.5	19.5	17.5	19.0	13.0	11.5	12.5
7	23.5	22.5	23.0	21.0	20.0	20.5	19.0	17.0	18.0	14.5	12.0	13.0
8	23.5	22.5	23.0	20.5	19.0	20.0	18.5	16.5	18.0	14.5	13.0	14.0
9	24.5	22.5	23.5	20.5	19.5	20.0	19.0	17.5	18.5	14.0	11.5	13.0
10	24.5	23.0	23.5	20.5	19.0	20.0	18.5	17.5	18.5	13.0	11.5	12.5
11	24.0	22.0	23.0	20.0	18.5	19.0	18.0	16.0	17.5	13.0	11.0	12.5
12	23.0	22.0	22.5	19.5	18.0	19.0	18.0	15.5	17.0	14.0	12.5	13.0
13	24.0	21.5	22.0	20.5	19.0	20.0	17.0	15.0	16.0	14.5	13.0	13.5
14	24.0	23.0	23.0	21.5	20.0	21.0	17.0	15.5	16.0	14.0	13.0	13.5
15	24.5	22.5	23.5	24.5	21.0	22.5	16.5	15.5	16.0	13.5	10.5	12.0
16	24.0	23.0	23.5	25.5	23.5	24.5	17.5	14.5	16.0	11.5	9.0	10.5
17	24.5	23.5	24.0	26.5	25.0	25.5	18.0	15.5	17.0	11.5	10.0	10.5
18	26.0	23.5	24.5	26.0	25.0	25.5	18.0	15.5	17.0	12.5	9.5	11.0
19	28.0	25.5	27.0	25.5	24.0	25.0	17.5	16.0	17.0	11.0	9.0	10.5
20	26.5	25.5	26.0	25.0	23.0	24.0	17.5	16.0	16.5	12.0	9.5	10.5
21	27.5	26.0	26.5	23.0	20.0	21.5	17.5	16.0	17.0	12.0	10.0	11.0
22	27.0	25.0	26.5	21.0	19.0	20.0	17.0	14.0	15.5	13.0	10.0	11.5
23	25.0	24.5	25.0	20.5	19.5	20.0	16.0	15.0	15.5	14.0	11.0	12.5
24	25.0	24.0	24.5	20.5	19.0	20.0	15.5	14.0	14.5	14.0	12.0	13.0
25	25.0	23.5	24.5	20.5	19.5	20.0	14.5	13.5	14.0	13.0	10.5	12.0
26	23.5	22.5	23.0	20.5	20.0	20.0	14.5	12.5	14.0	14.5	12.0	13.0
27	23.5	22.5	23.0	20.5	19.0	20.0	15.5	13.0	14.5	14.5	13.5	14.0
28	23.5	22.5	23.0	19.5	18.0	18.5	15.5	14.5	15.0	15.0	13.5	14.5
29	22.5	21.5	22.0	19.5	17.0	18.0	15.5	14.0	15.0	14.5	13.5	14.0
30	22.0	20.5	21.5	19.0	17.0	18.0	14.0	13.0	13.5	14.0	13.0	13.5
31	21.5	19.5	20.5	---	---	---	13.0	11.0	12.5	13.5	12.0	13.0
MONTH	28.0	19.5	23.7	26.5	16.5	20.6	19.5	11.0	16.4	15.5	9.0	12.7

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 1994.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to June 1994 (discontinued). Prior to October 1983, published as 02197327.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 37.5°C, June 3, 1985; minimum, 5.0°C, Jan. 20, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 30.0°C, June 23; minimum, 5.0°C, Jan. 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	18.0	15.0	16.5	14.0	11.0	12.5
2	---	---	---	---	---	---	17.5	15.0	17.0	15.0	12.5	13.5
3	---	---	---	---	---	---	18.0	15.0	17.0	15.5	14.0	14.5
4	---	---	---	---	---	---	19.5	17.5	18.5	14.0	12.5	13.5
5	---	---	---	---	---	---	19.5	17.5	19.0	13.0	11.0	12.0
6	---	---	---	---	---	---	19.0	16.0	18.0	13.0	11.0	12.0
7	---	---	---	---	---	---	18.5	15.5	17.5	15.0	11.5	13.0
8	---	---	---	---	---	---	17.5	15.0	17.0	15.0	12.0	14.0
9	---	---	---	---	---	---	18.5	15.0	17.0	13.0	10.0	12.5
10	---	---	---	19.0	18.0	18.5	19.0	17.5	18.0	12.5	9.5	11.5
11	---	---	---	18.5	17.0	17.5	18.0	15.5	17.0	13.0	10.0	12.0
12	---	---	---	18.0	16.5	17.5	16.5	12.5	15.5	13.5	12.5	13.0
13	---	---	---	20.5	17.5	19.0	16.0	13.5	15.0	14.0	13.0	13.5
14	---	---	---	21.5	19.5	20.5	16.0	15.0	15.5	14.0	11.5	13.0
15	---	---	---	24.0	20.5	22.0	16.0	15.5	15.5	13.0	9.0	11.0
16	---	---	---	25.0	23.0	24.0	16.5	14.5	15.5	10.5	8.0	9.5
17	---	---	---	26.0	24.5	25.0	17.5	15.5	16.5	11.5	9.0	10.0
18	---	---	---	26.0	24.0	25.0	17.0	15.5	16.5	12.0	10.0	11.0
19	---	---	---	24.5	23.0	23.5	17.0	15.5	16.5	10.0	8.0	9.0
20	---	---	---	24.0	21.5	23.0	16.5	15.5	16.0	9.0	5.0	7.0
21	---	---	---	22.0	18.0	20.0	16.5	15.5	16.0	9.0	5.5	7.0
22	---	---	---	20.0	17.5	19.0	16.0	14.0	15.0	10.0	6.0	8.0
23	---	---	---	20.0	17.5	19.0	15.5	14.0	14.5	11.5	7.5	9.5
24	---	---	---	20.0	17.5	19.0	15.0	13.5	14.0	13.0	11.0	12.0
25	---	---	---	20.0	17.5	19.0	14.0	12.0	13.5	12.5	9.5	11.5
26	---	---	---	20.0	19.0	19.5	13.5	11.0	13.0	14.5	12.0	13.0
27	---	---	---	20.5	19.5	20.0	15.0	11.0	13.5	14.5	13.5	14.0
28	---	---	---	19.5	16.5	18.0	15.0	13.5	14.5	15.5	14.0	15.0
29	---	---	---	18.0	14.5	17.0	16.0	14.5	15.0	15.5	14.0	15.0
30	---	---	---	18.0	15.0	17.0	14.5	11.5	13.0	14.0	13.5	14.0
31	---	---	---	---	---	---	12.5	9.5	11.5	13.5	12.5	13.0
MONTH	---	---	---	26.0	14.5	20.1	19.5	9.5	15.8	15.5	5.0	11.9

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	17.0	15.0	16.0	15.5	14.5	15.0	25.0	23.5	24.0
2	---	---	---	16.5	15.5	16.0	17.5	14.0	15.5	25.0	23.5	24.5
3	---	---	---	15.5	10.5	11.5	19.0	16.0	17.5	25.0	24.5	24.5
4	---	---	---	11.5	9.5	10.5	20.5	18.0	19.0	24.5	23.0	23.5
5	---	---	---	14.5	10.5	12.0	21.5	19.5	20.5	23.5	22.5	23.0
6	14.5	12.5	14.0	16.5	12.0	14.5	22.5	21.0	22.0	23.0	21.5	22.5
7	16.0	13.5	15.0	19.0	15.0	17.0	22.5	21.0	21.5	23.5	21.0	22.5
8	16.5	15.0	15.5	20.5	17.0	19.0	21.5	18.5	20.5	24.0	23.0	23.5
9	18.5	15.5	17.0	21.0	19.5	20.5	22.5	21.0	22.0	24.5	22.5	24.0
10	16.0	14.0	15.5	21.5	16.5	20.0	24.0	22.0	22.5	25.0	24.0	24.5
11	15.0	14.0	14.5	16.5	13.5	15.0	24.5	23.0	24.0	25.5	24.5	24.5
12	14.0	10.5	12.5	17.0	12.5	14.5	25.0	19.0	22.0	25.0	23.5	24.5
13	14.5	12.5	13.5	18.0	14.0	16.0	19.5	17.5	18.5	25.5	23.0	24.5
14	14.5	12.0	13.0	18.5	15.5	17.5	17.5	16.0	17.0	26.0	24.5	25.0
15	15.5	11.0	13.5	19.0	16.5	18.0	17.5	16.5	17.0	25.5	25.0	25.5
16	16.5	13.0	15.0	19.5	17.0	18.0	17.5	16.0	17.0	26.0	25.0	25.5
17	16.0	13.0	15.0	18.5	15.5	17.0	20.5	16.0	18.5	26.0	24.0	25.5
18	18.0	15.5	17.0	18.5	15.5	17.5	22.0	18.0	20.0	26.0	24.0	25.0
19	19.5	17.0	18.5	20.0	16.5	18.5	23.0	20.0	22.0	25.5	23.5	24.5
20	21.5	19.0	20.0	20.5	17.5	19.5	24.5	22.0	23.0	25.0	23.5	24.5
21	21.0	19.0	20.0	22.0	19.0	20.5	24.5	22.5	23.5	24.5	22.5	23.5
22	21.5	19.5	20.5	22.5	20.5	21.5	23.5	22.5	23.0	24.0	22.0	23.0
23	21.0	20.0	20.5	22.5	20.0	21.0	23.0	21.0	22.0	24.5	22.5	23.5
24	20.5	16.5	19.0	23.0	21.5	22.0	22.0	20.5	21.5	24.5	23.0	24.0
25	18.5	14.5	17.0	22.5	20.0	21.0	23.0	21.5	22.0	25.0	23.5	24.5
26	17.5	14.0	16.5	22.0	16.5	18.5	23.5	21.5	23.0	25.5	24.0	25.0
27	16.5	14.5	15.5	20.5	16.5	17.5	23.5	22.5	23.0	26.0	25.0	26.0
28	15.5	14.0	15.0	22.0	20.5	21.5	23.0	22.0	22.5	26.5	25.5	26.0
29	---	---	---	21.0	16.5	19.0	23.5	22.0	22.5	26.5	25.0	26.0
30	---	---	---	17.5	14.5	16.0	24.5	22.0	23.0	26.5	25.5	26.0
31	---	---	---	15.5	14.0	15.0	---	---	---	26.0	25.5	26.0
MONTH	21.5	10.5	16.2	23.0	9.5	17.5	25.0	14.0	20.7	26.5	21.0	24.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	26.5	25.5	26.0	---	---	---	---	---	---	---	---	---
2	27.0	25.5	26.5	---	---	---	---	---	---	---	---	---
3	27.5	26.5	27.0	---	---	---	---	---	---	---	---	---
4	27.5	27.0	27.0	---	---	---	---	---	---	---	---	---
5	27.5	27.0	27.0	---	---	---	---	---	---	---	---	---
6	27.5	26.5	27.0	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	27.5	27.0	27.0	---	---	---	---	---	---	---	---	---
10	27.5	26.5	27.0	---	---	---	---	---	---	---	---	---
11	27.0	26.0	26.5	---	---	---	---	---	---	---	---	---
12	27.5	26.5	27.0	---	---	---	---	---	---	---	---	---
13	27.5	27.0	27.5	---	---	---	---	---	---	---	---	---
14	28.0	27.0	27.5	---	---	---	---	---	---	---	---	---
15	28.0	24.5	27.0	---	---	---	---	---	---	---	---	---
16	28.0	26.5	27.5	---	---	---	---	---	---	---	---	---
17	27.5	25.5	26.5	---	---	---	---	---	---	---	---	---
18	27.5	26.0	26.5	---	---	---	---	---	---	---	---	---
19	27.5	26.5	27.0	---	---	---	---	---	---	---	---	---
20	28.0	26.5	27.5	---	---	---	---	---	---	---	---	---
21	29.0	27.0	28.0	---	---	---	---	---	---	---	---	---
22	29.5	28.0	28.5	---	---	---	---	---	---	---	---	---
23	30.0	27.5	28.5	---	---	---	---	---	---	---	---	---
24	29.0	27.0	27.5	---	---	---	---	---	---	---	---	---
25	28.0	27.0	28.0	---	---	---	---	---	---	---	---	---
26	28.5	27.5	28.0	---	---	---	---	---	---	---	---	---
27	28.5	26.5	27.5	---	---	---	---	---	---	---	---	---
28	29.0	27.0	28.0	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	30.0	24.5	27.3	---	---	---	---	---	---	---	---	---
YEAR	30.0	5.0	19.1									

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 sea level (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 30, Dec. 19 - 22, Mar. 7 - 9, 12 - 14, 25, May 20, 21, June 2, 6, 18, July 12, 13, 22, 23, Aug. 13 and 16. Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.84	.34	1.0	1.2	.79	2.1	.33	.51	1.2	1.2	1.6	.45
2	.70	.43	.78	.38	.76	2.6	.56	.42	1.1	1.6	1.3	.49
3	.71	.99	.98	1.6	.72	1.1	.57	.77	.70	1.8	1.6	.44
4	1.0	.48	.69	.85	.82	1.0	.65	.72	.73	1.4	1.5	.78
5	.84	1.0	1.1	.66	1.7	1.6	.33	.68	.63	1.4	1.3	.69
6	.81	.39	1.0	.68	.41	.70	.89	.59	1.2	1.1	1.5	.86
7	.83	.39	.71	.73	.71	.77	.33	.23	.90	1.4	1.7	1.4
8	.55	1.0	.96	.52	.81	.70	.28	.82	.65	1.3	1.4	1.5
9	.51	1.1	1.3	.70	1.5	.77	.23	.64	1.0	1.8	1.5	1.7
10	.46	.43	1.2	.52	1.0	1.5	.57	.44	.98	1.3	1.3	1.7
11	.54	.55	.97	1.1	.92	.70	.62	.75	.87	1.4	1.5	1.7
12	.45	.65	.59	1.4	.65	.70	.30	1.1	.55	1.6	1.6	1.8
13	.33	.67	1.1	.65	.82	.70	.98	.54	.97	2.1	1.6	1.4
14	.29	.65	1.1	1.2	.82	.77	.70	.38	.95	1.6	1.6	1.7
15	.28	.45	.70	1.2	.83	.65	.59	1.1	.66	1.4	1.7	1.5
16	.86	.46	.50	1.0	.89	.68	.78	1.6	.54	1.6	2.8	1.7
17	.31	.83	.80	1.8	.93	.68	.26	2.5	.50	1.8	2.0	1.8
18	.35	.33	.74	1.2	.53	.73	.54	1.0	.86	1.6	3.0	1.8
19	.66	.38	.37	1.1	.49	.55	.34	.85	.34	1.4	1.6	1.5
20	.60	.31	.37	.95	1.1	.68	.94	.68	.69	1.8	1.2	1.7
21	.32	.51	.56	.69	.52	.89	1.0	.50	.54	1.4	2.1	1.7
22	.84	.38	.46	.96	.59	.74	.88	.58	.61	2.1	1.5	1.6
23	.24	.50	1.6	.64	1.3	.68	.52	.68	1.4	2.0	1.4	1.5
24	.49	.37	.97	.92	1.7	1.5	.23	.44	1.5	1.3	1.1	1.5
25	.31	.30	1.2	.80	.86	1.7	.60	.68	.83	1.9	.44	1.6
26	.35	.32	1.0	.79	.74	.66	.31	.61	1.1	1.7	1.0	1.6
27	.58	1.9	1.1	1.5	.95	.28	.53	.92	1.8	1.9	.44	1.4
28	.35	.61	.78	1.2	.93	.71	.50	.39	1.6	1.6	.67	1.7
29	.68	.96	1.2	1.6	---	1.3	.44	1.0	.83	1.7	.77	1.5
30	3.0	.91	.77	1.3	---	.36	.66	.74	1.2	1.5	.44	1.8
31	.60	---	.70	.81	---	1.1	---	.83	---	1.3	1.0	---
TOTAL	19.68	18.59	27.30	30.65	24.79	29.60	16.46	23.69	27.43	49.0	44.16	42.51
MEAN	.63	.62	.88	.99	.89	.95	.55	.76	.91	1.58	1.42	1.42
MAX	3.0	1.9	1.6	1.8	1.7	2.6	1.0	2.5	1.8	2.1	3.0	1.8
MIN	.24	.30	.37	.38	.41	.28	.23	.23	.34	1.1	.44	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1994, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	1.10	1.11	1.24	1.34	1.31	1.20	1.19	1.14	1.14	1.16	1.24	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	.67	.61	.65	.52	.46	.50	.54	.60	.43	.23										
(WY)	1992	1992	1993	1989	1992	1992	1993	1993	1988	1993	1993	1992										

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1973 - 1994

ANNUAL TOTAL	267.25	353.86	
ANNUAL MEAN	.73	.97	1.18
HIGHEST ANNUAL MEAN			1.63
LOWEST ANNUAL MEAN			.66
HIGHEST DAILY MEAN	3.9	Mar 26	25
LOWEST DAILY MEAN	.13	May 15	.02
ANNUAL SEVEN-DAY MINIMUM	.30	Apr 11	.11
INSTANTANEOUS PEAK STAGE			7.82
10 PERCENT EXCEEDS	1.3		1.8
50 PERCENT EXCEEDS	.59		1.2
90 PERCENT EXCEEDS	.28		.53

* Also occurred on Apr. 24, May 7.

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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Oct. 30, Nov. 27, Jan. 3 to Feb. 3, 15, 23, 24, Mar. 1, 3 - 7, 10, Apr. 13 - 15, 18, 19, May 4, 5, May 8 to Sept. 22, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	2.7	.63	1.8	2.8	1.0	1.0	1.7	1.4	1.5	3.7	1.5
2	1.9	1.2	.60	1.9	2.6	1.6	1.3	1.5	1.8	2.2	3.8	2.8
3	.76	1.6	.58	2.2	1.0	1.3	.70	1.6	1.7	2.9	3.6	2.5
4	.74	.46	.66	1.7	1.2	1.3	1.3	1.3	1.4	2.2	3.1	2.5
5	1.2	1.1	.49	1.5	1.6	1.2	1.1	1.5	1.5	2.2	3.1	2.3
6	2.1	1.0	1.1	1.4	1.0	.92	.52	1.6	1.6	2.5	2.7	2.2
7	1.2	.94	1.1	1.6	.97	.92	.47	1.9	1.2	2.5	2.2	1.9
8	1.5	.37	.89	2.3	1.4	.85	.62	1.3	.96	2.4	2.1	1.4
9	1.3	.37	2.3	1.9	1.2	.65	.83	1.8	.79	1.6	2.0	1.2
10	1.4	.75	1.9	1.5	1.4	1.7	.70	1.7	.75	2.0	2.0	1.3
11	1.0	.78	1.6	1.8	1.1	1.5	.87	1.9	.64	2.4	2.0	1.3
12	1.5	.68	1.9	2.8	1.6	1.5	1.0	2.0	.79	2.7	1.8	1.2
13	2.0	.87	1.8	2.2	1.2	2.0	1.8	1.6	1.2	2.1	2.4	1.3
14	1.9	.76	2.5	2.1	1.0	1.2	.92	1.7	1.2	1.6	2.1	1.2
15	2.1	1.1	1.8	2.4	1.0	1.6	1.3	1.7	1.1	1.6	2.0	1.2
16	.96	1.3	2.0	2.6	.96	1.7	1.5	1.3	1.1	1.8	2.6	1.1
17	1.6	1.4	1.6	3.2	1.9	1.6	1.4	1.2	1.6	2.0	1.5	1.1
18	1.4	1.3	1.5	3.1	2.2	.97	1.4	1.2	1.8	2.0	2.1	1.4
19	2.5	.91	1.5	2.5	1.2	.45	1.2	1.1	1.3	2.3	1.9	1.2
20	1.7	1.0	1.5	3.0	.81	.49	1.6	.79	1.5	2.4	2.1	1.0
21	1.9	1.7	1.3	3.0	.77	.57	1.4	.65	1.5	2.7	2.4	.69
22	2.3	1.6	1.8	3.1	.72	.65	1.5	.94	1.8	3.4	2.1	1.1
23	2.6	1.1	2.4	2.9	1.1	1.7	1.3	1.7	.72	2.4	2.2	.95
24	2.7	1.0	1.8	3.3	1.6	1.8	1.3	1.8	.89	2.7	1.4	1.0
25	2.8	.86	1.5	4.1	.79	1.9	1.4	2.0	1.1	2.7	.87	1.0
26	1.7	.80	1.4	3.1	.87	1.4	1.6	1.8	1.2	2.9	.84	.78
27	2.6	1.3	1.4	3.0	.90	.92	1.6	1.7	1.3	3.3	1.2	.85
28	2.5	1.2	2.3	3.1	.89	.92	1.6	1.7	1.9	3.1	1.5	1.0
29	2.5	1.4	1.8	2.7	---	.82	1.7	1.7	1.9	3.0	1.4	.88
30	3.9	1.2	1.9	2.7	---	.51	1.5	1.6	1.5	3.3	1.8	.76
31	2.2	---	1.5	2.4	---	.49	---	1.6	---	3.4	1.1	---
TOTAL	58.86	32.75	47.05	76.9	35.78	36.13	36.43	47.58	39.14	75.8	65.61	40.61
MEAN	1.90	1.09	1.52	2.48	1.28	1.17	1.21	1.53	1.30	2.45	2.12	1.35
MAX	3.9	2.7	2.5	4.1	2.8	2.0	1.8	2.0	1.9	3.4	3.8	2.8
MIN	.74	.37	.49	1.4	.72	.45	.47	.65	.64	1.5	.84	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1994, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	1.15	1.12	1.02	1.16	1.04	1.13	.93	1.00	1.14	1.08
MAX	1.96	1.82	1.52	2.48	2.25	2.42	1.94	1.76	1.96	2.45
(WY)	1991	1987	1994	1994	1987	1993	1988	1988	1987	1994
MIN	.47	.59	.62	.44	.45	.47	.40	.49	.49	.52
(WY)	1992	1985	1989	1989	1989	1990	1990	1989	1990	1990

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1985 - 1994

ANNUAL TOTAL	554.44	592.64	
ANNUAL MEAN	1.52	1.62	
HIGHEST ANNUAL MEAN			1.08
LOWEST ANNUAL MEAN			1.62
HIGHEST DAILY MEAN			.70
LOWEST DAILY MEAN	4.3	Mar 17	12
ANNUAL SEVEN-DAY MINIMUM	.16	Apr 21	.37
INSTANTANEOUS PEAK FLOW	.29	May 6	.65
INSTANTANEOUS PEAK STAGE			Unknown
10 PERCENT EXCEEDS	2.7		4.25
50 PERCENT EXCEEDS	1.4		2.7
90 PERCENT EXCEEDS	.48		1.5
			.79

* Also occurred on Nov. 9.

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 River Site.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Oct. 1 - 20, Oct. 30 to Nov. 4, Feb. 5, 24, Mar. 1 25, June 2, 6, 18, 27, July 3, 12, 13, 22, 23, Aug. 13, 16, 18, 21, 31, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	7.4	2.2	3.0	4.7	3.5	3.3	3.9	3.4	2.8	4.5	2.8
2	3.3	2.4	3.7	3.1	5.2	8.8	3.5	3.6	4.5	3.1	4.4	4.5
3	2.5	4.1	2.7	4.2	3.2	2.7	2.4	3.4	3.9	4.2	4.0	4.5
4	1.3	5.0	2.7	3.3	3.3	2.2	3.1	2.8	5.0	3.6	3.5	4.7
5	1.6	7.4	2.6	2.7	7.3	1.9	2.9	2.6	5.7	2.9	4.1	4.2
6	3.5	10	3.5	2.6	6.1	1.5	2.3	2.5	6.4	3.1	4.5	4.0
7	3.4	8.1	3.6	3.0	4.9	1.7	1.8	2.8	4.5	3.0	3.6	3.7
8	3.5	4.5	3.2	4.3	5.1	2.3	1.4	4.5	3.6	2.8	3.6	2.9
9	3.8	4.1	5.7	3.6	2.7	2.0	3.2	4.5	3.1	2.1	3.6	2.7
10	3.6	3.6	5.9	2.9	2.6	3.7	3.6	2.4	3.4	2.6	3.8	2.7
11	3.0	3.1	4.7	3.4	2.4	3.7	3.8	2.9	3.1	3.1	3.7	2.7
12	4.7	3.1	5.5	5.3	2.2	3.4	4.4	2.5	3.1	3.8	4.6	2.6
13	4.4	3.6	5.0	4.2	2.5	4.1	5.4	3.3	3.5	5.5	6.4	2.6
14	3.9	4.0	6.3	4.0	4.8	3.3	3.3	3.3	3.7	3.1	4.6	2.6
15	4.2	5.3	5.2	4.5	3.4	3.7	4.9	3.8	3.0	2.7	3.7	2.5
16	3.6	4.9	5.4	5.1	2.6	4.0	5.6	3.5	2.7	3.2	9.2	2.6
17	5.1	5.4	5.7	6.0	3.9	3.6	5.0	3.1	2.8	3.2	6.8	2.4
18	4.2	6.9	4.3	5.8	4.0	2.3	4.5	2.8	3.4	3.1	8.4	3.5
19	4.4	8.3	2.6	4.7	2.1	2.3	3.6	3.0	2.9	3.3	5.8	2.6
20	3.7	3.8	2.5	5.6	1.5	2.7	3.7	2.8	2.9	3.6	4.4	2.3
21	5.3	5.0	2.4	5.5	1.4	2.6	3.2	2.6	2.7	3.9	6.4	1.9
22	6.0	4.9	2.9	5.8	1.4	2.7	3.6	2.8	3.3	6.4	4.9	2.1
23	5.5	3.4	3.8	5.5	3.3	4.0	3.2	2.4	1.3	5.0	4.3	2.1
24	5.1	3.9	3.1	6.3	6.1	5.0	2.8	2.1	1.8	4.9	3.4	2.7
25	5.5	3.7	2.6	7.8	2.0	8.2	3.2	2.3	2.6	3.6	3.1	2.5
26	5.2	2.9	2.3	5.9	1.7	3.7	4.4	2.4	2.5	3.4	2.3	1.9
27	6.6	5.7	2.3	5.5	2.0	2.3	4.0	2.6	3.1	4.4	2.3	1.9
28	6.5	4.4	3.2	5.8	2.5	2.4	3.3	2.6	3.2	4.4	2.7	2.2
29	6.8	5.2	2.7	5.1	---	4.0	3.4	2.9	3.5	4.1	2.6	2.3
30	7.3	4.5	2.9	5.1	---	2.3	3.5	3.0	3.1	4.1	3.0	2.4
31	6.4	---	2.6	4.9	---	2.3	---	3.4	---	4.1	2.9	---
TOTAL	137.7	148.6	113.8	144.5	94.9	102.0	106.3	93.1	101.7	113.1	135.1	85.1
MEAN	4.44	4.95	3.67	4.66	3.39	3.32	3.54	3.00	3.39	3.65	4.36	2.84
MAX	7.3	10	6.3	7.8	7.3	8.8	5.6	4.5	6.4	6.4	9.2	4.7
MIN	1.3	2.4	2.2	2.6	1.4	1.5	1.4	2.1	1.3	2.1	2.3	1.9

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1994, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	1.84	2.03	1.91	2.46	2.00	1.94	1.87	1.69	2.15	1.96	1.85
MAX	4.44	4.95	3.67	5.73	4.10	4.15	3.54	3.00	5.14	6.73	4.36
(WY)	1994	1994	1994	1993	1993	1993	1994	1994	1993	1993	1993
MIN	.62	.70	.82	.73	.67	.69	.63	.72	.85	.72	.71
(WY)	1986	1985	1985	1989	1989	1989	1985	1989	1991	1985	1985

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1985 - 1994

ANNUAL TOTAL	1539.51	1376.8	
ANNUAL MEAN	4.22	3.77	1.93
HIGHEST ANNUAL MEAN			3.77
LOWEST ANNUAL MEAN			.84
HIGHEST DAILY MEAN	17	10	20
LOWEST DAILY MEAN	.64	1.3	.15
ANNUAL SEVEN-DAY MINIMUM	.85	2.0	.40
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		2.24	4.16
10 PERCENT EXCEEDS	7.3	5.7	3.6
50 PERCENT EXCEEDS	3.7	3.5	1.5
90 PERCENT EXCEEDS	2.0	2.3	.67

* Also occurred on June 23.

SAVANNAH RIVER BASIN

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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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Jan. 18, 19, Feb. 5, 21, Mar. 7, 8, Mar. 11 to Apr. 11, May 19, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	8.4	5.4	6.9	9.9	13	10	5.3	3.6	4.3	7.4	7.1
2	3.9	4.7	5.9	9.0	8.6	47	10	4.9	5.6	4.4	7.0	7.5
3	3.3	6.2	5.4	11	6.9	17	10	5.2	5.5	7.2	6.8	9.4
4	3.4	5.0	5.2	12	6.6	13	8.0	5.1	5.6	6.4	6.3	7.7
5	3.1	8.8	6.5	8.9	15	11	10	5.1	5.4	5.4	6.4	7.1
6	3.5	9.6	6.4	7.3	13	9.3	8.0	4.9	10	4.6	6.5	7.0
7	3.6	7.5	5.8	6.8	10	9.4	6.0	4.3	7.1	4.4	6.8	7.2
8	3.7	5.8	5.7	7.2	11	9.3	7.0	5.8	5.4	4.4	6.1	6.8
9	4.5	5.5	7.4	6.8	9.3	8.7	6.0	5.4	5.3	4.8	6.0	6.9
10	3.9	4.6	7.8	6.8	11	15	7.0	4.1	5.5	3.9	5.9	6.7
11	3.7	4.6	8.6	8.0	12	12	8.0	4.4	4.7	4.0	5.9	6.7
12	4.6	4.6	8.0	13	9.8	11	7.4	4.4	4.4	7.1	6.7	6.4
13	4.4	4.8	6.8	9.9	8.3	10	11	4.3	4.6	15	13	6.3
14	4.1	5.8	9.5	8.0	9.7	10	7.6	4.3	4.8	8.1	8.6	6.3
15	4.2	7.4	8.5	8.2	7.8	9.5	7.4	4.6	4.2	5.5	7.3	6.4
16	4.6	7.4	7.0	7.9	7.0	9.4	7.7	6.3	3.8	5.4	26	6.5
17	5.3	6.8	7.3	11	7.7	8.8	6.8	6.1	3.9	5.1	17	6.5
18	5.2	6.9	6.6	10	7.3	6.8	7.5	4.4	6.5	6.2	19	8.1
19	6.2	8.1	5.3	7.3	6.1	6.6	6.3	4.0	4.3	5.0	15	7.3
20	4.0	5.1	6.8	8.9	6.1	6.2	6.6	3.7	4.1	5.3	9.6	6.8
21	4.6	6.0	8.4	8.6	5.6	6.6	6.1	3.7	3.8	5.1	15	6.2
22	5.6	6.0	6.2	8.8	5.5	6.6	6.5	3.6	3.9	15	13	5.9
23	4.9	5.1	9.2	8.2	7.4	6.7	6.7	3.5	3.6	14	9.2	7.2
24	5.0	5.3	7.4	8.9	25	10	5.6	3.3	3.8	11	7.3	6.8
25	5.1	5.4	6.3	9.3	10	35	6.1	3.3	3.7	7.5	5.5	6.8
26	5.2	4.9	5.9	9.8	9.1	16	6.1	3.2	4.0	7.5	5.7	6.0
27	6.1	15	5.8	8.4	7.8	13	5.9	3.7	6.4	8.0	5.4	6.1
28	5.6	9.8	5.9	11	7.6	11	5.3	3.2	5.4	8.0	5.7	6.3
29	6.1	8.8	6.5	9.9	---	19	5.3	3.6	4.6	7.7	5.8	6.0
30	35	7.9	5.9	13	---	13	5.3	3.4	5.7	6.9	5.7	6.3
31	13	---	5.4	11	---	11	---	3.5	---	6.8	6.3	---
TOTAL	179.4	201.8	208.8	281.8	261.1	390.9	217.2	134.6	149.2	214.0	277.9	204.3
MEAN	5.79	6.73	6.74	9.09	9.32	12.6	7.24	4.34	4.97	6.90	8.96	6.81
MAX	35	15	9.5	13	25	47	11	6.3	10	15	26	9.4
MIN	3.1	4.6	5.2	6.8	5.5	6.2	5.3	3.2	3.6	3.9	5.4	5.9

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1994, BY WATER YEAR (WY)

	5.15	5.97	6.94	9.19	11.6	12.4	9.61	6.89	5.29	5.70	6.20	5.48
MEAN	5.15	5.97	6.94	9.19	11.6	12.4	9.61	6.89	5.29	5.70	6.20	5.48
MAX	17.5	11.9	12.8	20.3	31.2	27.4	20.0	22.2	9.11	20.0	22.5	14.0
(WY)	1991	1980	1977	1993	1973	1993	1973	1984	1984	1991	1991	1979
MIN	2.42	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1973 - 1994

ANNUAL TOTAL	3774.4	2721.0	7.27
ANNUAL MEAN	10.3	7.45	13.6
HIGHEST ANNUAL MEAN			4.18
LOWEST ANNUAL MEAN			155
HIGHEST DAILY MEAN	99	Jan 8	47
LOWEST DAILY MEAN	1.0	Sep 16	3.1
ANNUAL SEVEN-DAY MINIMUM	2.1	Sep 10	3.4
INSTANTANEOUS PEAK FLOW			141
INSTANTANEOUS PEAK STAGE			4.05
10 PERCENT EXCEEDS	22		11
50 PERCENT EXCEEDS	6.0		6.5
90 PERCENT EXCEEDS	3.2		4.1
			5.99
			14
			5.4
			2.9
			1991
			1985
			Aug 2 1991
			Jun 6 1974
			Jun 30 1990
			Aug 1 1991
			Aug 1 1991

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 sea level (from topographic map).

REMARKS.--WATER YEAR 1993: Records fair except for estimated daily discharges, Oct. 2, 30 to Nov. 3, Dec. 30, Jan. 9 - 10, 13 - 15, Mar. 18 - 19, 26, Apr. 3 - 4, Aug. 20 - 31, which are poor. Flow completely regulated by Savannah River Site operations.

WATER YEAR 1994: Records fair except for estimated daily discharges, May 3 - 4, Sept. 8 - 9, which are poor.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	2.1	2.7	2.5	2.1	2.6	2.8	2.3	1.9	1.5	2.2	3.5
2	1.9	1.9	2.4	2.7	2.0	3.1	3.2	2.1	2.2	.82	2.3	3.4
3	2.8	1.8	2.4	2.9	2.4	6.1	1.8	2.2	2.2	.79	3.2	3.7
4	2.9	4.0	2.2	2.9	2.5	4.6	1.7	3.1	1.8	.84	2.9	3.7
5	2.4	1.7	2.6	3.0	2.9	4.5	4.6	2.0	1.5	.82	2.8	7.4
6	2.5	2.0	2.9	3.1	3.0	3.3	1.8	2.0	1.6	1.1	2.2	4.5
7	3.2	2.7	3.3	9.2	5.8	3.3	1.8	2.0	2.0	.94	2.8	4.0
8	11	2.4	3.1	15	3.4	2.9	1.8	2.3	1.8	.97	2.2	4.8
9	2.5	2.5	3.6	3.2	3.5	2.7	2.3	2.0	1.8	1.0	3.2	4.9
10	1.8	2.2	3.3	2.7	3.4	2.3	1.6	1.8	9.4	1.1	2.4	4.6
11	2.1	1.7	2.4	4.2	2.7	1.7	1.5	1.9	1.8	1.1	1.9	3.4
12	2.8	4.9	2.3	5.9	2.8	2.0	1.7	2.1	12	.94	1.8	3.1
13	2.7	2.7	2.3	3.5	2.4	6.5	1.6	2.0	1.2	2.6	2.0	3.6
14	2.0	3.2	2.4	2.7	2.2	2.8	1.2	2.1	1.8	2.9	2.6	3.4
15	1.9	3.4	2.4	2.3	2.1	3.5	1.4	2.2	1.1	1.9	1.9	3.4
16	1.9	3.9	1.6	2.1	3.3	3.4	1.6	2.0	1.4	1.8	3.3	3.5
17	2.1	3.0	2.8	2.0	2.0	3.5	1.3	2.0	1.7	1.8	2.7	5.8
18	1.9	1.5	2.9	2.1	2.0	2.6	1.4	2.0	1.9	1.9	2.6	3.7
19	1.6	1.6	3.5	2.0	2.0	2.0	1.5	1.8	2.0	2.0	2.1	4.1
20	1.7	1.6	2.1	1.9	2.2	1.2	1.6	1.8	2.1	1.8	1.5	3.4
21	1.7	7.4	2.3	4.4	2.7	1.4	1.8	1.8	1.6	1.9	1.8	7.8
22	1.5	3.6	2.2	2.2	4.1	1.8	1.9	1.8	1.0	1.9	2.0	3.4
23	1.7	3.9	1.8	2.3	3.7	5.7	1.9	2.0	1.0	2.0	2.2	3.4
24	1.9	4.1	1.7	3.4	3.3	1.8	1.9	2.4	.94	2.6	2.5	4.5
25	1.8	2.2	2.1	3.3	2.7	1.8	2.2	2.6	.89	1.9	2.5	6.1
26	1.9	2.9	2.6	2.3	3.9	5.2	3.4	2.2	.77	2.0	2.2	4.9
27	2.0	2.4	3.3	2.5	2.6	2.5	2.2	2.4	.98	3.4	2.1	3.4
28	2.1	2.3	4.5	2.0	2.8	1.7	1.8	2.1	1.1	3.4	2.3	3.8
29	1.8	2.5	2.8	2.6	---	2.1	2.1	2.1	.85	3.2	2.1	3.4
30	1.8	2.7	2.5	2.6	---	2.1	1.9	3.1	.81	2.2	2.3	3.6
31	1.9	---	2.4	2.0	---	6.7	---	1.8	---	2.2	2.4	---
TOTAL	73.5	84.8	81.4	105.5	80.5	97.4	59.3	66.0	63.14	55.32	73.0	126.2
MEAN	2.37	2.83	2.63	3.40	2.87	3.14	1.98	2.13	2.10	1.78	2.35	4.21
MAX	11	7.4	4.5	15	5.8	6.7	4.6	3.1	12	3.4	3.3	7.8
MIN	1.5	1.5	1.6	1.9	2.0	1.2	1.2	1.8	.77	.79	1.5	3.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1993, BY WATER YEAR (WY)

MEAN	2.75	2.66	2.73	2.93	3.11	2.83	2.59	2.57	2.79	2.64	2.64	2.61
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 1992 CALENDAR YEAR				FOR 1993 WATER YEAR				WATER YEARS 1973 - 1993			
ANNUAL TOTAL	732.67				966.06							
ANNUAL MEAN	2.00				2.65				2.77			
HIGHEST ANNUAL MEAN									3.74			
LOWEST ANNUAL MEAN									1.72			
HIGHEST DAILY MEAN	11				15				48			
LOWEST DAILY MEAN	.72				.77				.46			
ANNUAL SEVEN-DAY MINIMUM	1.0				.90				.60			
INSTANTANEOUS PEAK FLOW					350				410			
INSTANTANEOUS PEAK STAGE					6.14				8.07			
10 PERCENT EXCEEDS	3.2				3.9				4.0			
50 PERCENT EXCEEDS	1.7				2.2				2.4			
90 PERCENT EXCEEDS	1.1				1.6				1.7			

SAVANNAH RIVER BASIN

02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	2.8	3.0	3.8	2.5	5.8	2.4	1.8	3.2	2.6	1.4	1.7
2	3.6	3.0	2.6	3.5	2.5	6.4	2.4	1.8	3.1	2.2	1.2	1.6
3	3.6	2.9	2.4	4.7	2.4	2.9	2.1	1.8	2.9	4.5	1.1	1.4
4	3.7	3.0	2.5	3.3	2.6	2.9	1.8	1.8	2.3	2.1	1.3	1.3
5	3.9	4.0	2.6	3.3	4.5	2.7	1.8	1.8	1.3	2.0	1.8	1.2
6	4.7	2.9	2.5	2.7	2.3	2.4	1.9	1.8	5.6	2.1	1.8	1.3
7	4.5	2.6	3.3	2.6	2.1	2.1	2.4	2.4	2.7	2.4	.81	1.4
8	4.2	2.9	2.3	2.7	2.6	2.3	3.2	2.8	2.5	2.5	.92	3.5
9	3.4	3.1	3.3	2.7	2.1	2.1	1.8	2.8	2.9	2.4	1.0	1.6
10	3.9	2.7	3.3	2.8	3.2	2.8	2.4	3.0	2.4	2.3	1.1	1.2
11	4.2	2.8	2.8	2.4	2.9	2.7	2.6	4.3	2.1	2.4	1.1	1.1
12	4.1	2.9	2.1	3.9	3.0	3.8	2.7	3.1	2.5	2.8	1.1	1.0
13	4.0	2.8	2.1	2.7	3.6	2.9	3.0	2.5	3.4	4.5	5.3	1.5
14	3.9	3.1	3.1	3.2	2.6	2.7	2.5	2.6	2.1	3.2	.99	1.4
15	3.9	3.5	2.6	3.1	2.8	2.6	2.5	2.8	2.3	3.1	1.5	1.0
16	4.3	2.9	2.4	2.1	2.6	3.4	2.5	2.1	2.2	2.1	4.8	.99
17	4.0	2.8	2.1	3.8	2.6	3.1	2.2	1.5	2.2	1.3	2.3	1.0
18	4.0	2.6	2.1	3.1	2.5	2.9	1.7	2.2	2.6	2.1	4.6	1.5
19	4.5	2.6	2.1	2.5	2.7	2.3	2.8	2.6	1.5	2.3	1.3	1.5
20	4.0	2.4	3.3	2.4	2.7	1.8	2.4	2.8	2.4	2.9	1.1	1.4
21	3.9	2.7	2.3	2.4	2.7	2.1	1.8	3.1	4.4	2.6	2.0	1.3
22	4.1	2.6	2.3	2.2	2.7	2.0	2.2	2.7	2.3	9.2	.98	1.2
23	4.0	2.8	3.1	2.4	3.7	1.9	1.8	3.5	3.2	2.6	1.5	1.6
24	3.7	2.5	2.4	2.7	4.7	4.6	1.8	3.9	2.8	1.8	1.7	1.2
25	3.9	2.7	2.2	2.6	3.1	6.8	2.6	2.9	3.6	1.2	2.1	1.0
26	4.8	2.6	2.3	2.4	4.0	3.7	3.3	2.7	3.5	1.8	2.2	2.0
27	4.1	6.5	2.8	2.5	3.5	4.0	2.2	2.8	4.2	2.7	1.9	1.7
28	4.0	2.6	2.6	3.9	2.7	2.9	1.9	3.1	2.4	1.2	1.1	1.6
29	5.5	2.4	2.4	2.9	---	3.9	1.8	2.9	2.5	1.0	1.2	1.0
30	11	2.6	2.5	3.4	---	2.3	1.8	2.5	2.5	1.0	1.2	1.0
31	3.4	---	2.5	3.0	---	2.2	---	3.0	---	.97	2.0	---
TOTAL	132.6	88.3	79.9	91.7	81.9	97.0	68.3	81.4	83.6	77.87	54.40	42.19
MEAN	4.28	2.94	2.58	2.96	2.92	3.13	2.28	2.63	2.79	2.51	1.75	1.41
MAX	11	6.5	3.3	4.7	4.7	6.8	3.3	4.3	5.6	9.2	5.3	3.5
MIN	3.4	2.4	2.1	2.1	2.1	1.8	1.7	1.5	1.3	.97	.81	.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1994, BY WATER YEAR (WY)

	2.82	2.67	2.72	2.93	3.11	2.84	2.57	2.58	2.79	2.63	2.60	2.55
MEAN	2.82	2.67	2.72	2.93	3.11	2.84	2.57	2.58	2.79	2.63	2.60	2.55
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1973 - 1994

ANNUAL TOTAL	1027.16	979.16	
ANNUAL MEAN	2.81	2.68	2.77
HIGHEST ANNUAL MEAN			3.74
LOWEST ANNUAL MEAN			1.72
HIGHEST DAILY MEAN	15	11	48
LOWEST DAILY MEAN	.77	.81	.46
ANNUAL SEVEN-DAY MINIMUM	.90	1.1	.60
INSTANTANEOUS PEAK FLOW		199	410
INSTANTANEOUS PEAK STAGE		4.76	8.07
10 PERCENT EXCEEDS	4.1	4.0	4.0
50 PERCENT EXCEEDS	2.5	2.6	2.4
90 PERCENT EXCEEDS	1.6	1.3	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 sea level (from topographic map). Prior to Oct. 23, 1990, at datum 1.0 ft higher.

REMARKS.--Water Year 1993: Estimated daily discharges, Oct. 12, Jan. 13, Mar. 6, July 6, 7, 11 - 27, Sept. 5 - 17, 20. Records poor. Flow regulated by Savannah River Site operations.
Water Year 1994: Estimated daily discharges, Nov. 6, Feb. 5, June 7 - 8, July 6, 7, 9 - 11, 21, 22, 24 - 28, 31, Aug. 1, 3 - 5, 9 - 13, 23, 24. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.2	2.3	2.4	2.5	2.8	3.2	2.4	2.0	2.8	2.5	2.7
2	2.4	2.3	2.2	2.5	2.5	3.1	3.3	2.2	2.2	2.1	2.6	2.6
3	2.4	2.6	2.2	2.6	2.6	4.1	2.7	2.2	2.1	2.1	2.9	2.7
4	3.3	3.5	2.2	2.6	2.7	4.1	2.7	2.5	2.0	2.1	2.6	2.7
5	2.8	2.0	2.3	2.6	2.9	3.8	3.9	2.2	1.9	2.0	2.5	4.5
6	2.7	2.1	2.4	2.7	3.0	3.2	2.8	2.2	1.9	2.4	2.2	4.5
7	3.0	2.4	2.7	5.2	4.1	3.2	2.7	2.1	2.0	2.0	2.6	4.0
8	3.6	2.3	2.6	8.1	3.3	3.1	2.7	2.2	2.0	2.4	2.3	5.0
9	4.1	2.3	2.8	3.1	3.4	2.9	2.8	2.1	1.9	2.3	2.7	5.2
10	2.5	2.3	2.7	3.0	3.3	2.7	2.5	2.0	4.0	2.4	2.5	4.8
11	2.7	2.1	2.3	3.5	3.0	2.3	2.4	2.0	3.5	2.4	2.1	3.5
12	3.0	3.3	2.3	4.2	3.0	2.5	2.4	2.1	4.3	2.0	2.0	3.2
13	2.9	2.5	2.3	3.0	2.8	4.6	2.4	2.1	3.0	5.0	2.1	3.7
14	2.6	2.7	2.3	2.5	2.7	3.1	2.1	2.2	3.1	6.0	2.5	3.7
15	2.6	2.8	2.3	2.5	2.7	3.4	2.1	2.0	2.5	3.5	2.1	3.8
16	2.6	3.0	1.8	2.5	3.3	3.3	2.2	2.0	2.6	3.0	2.8	4.0
17	2.7	2.6	2.5	2.5	2.7	3.4	2.1	1.9	2.9	3.0	2.5	4.5
18	2.6	2.0	2.5	2.5	2.7	2.8	2.1	1.9	3.1	3.3	2.5	2.5
19	2.4	2.0	2.8	2.4	2.7	2.6	2.1	1.9	3.2	3.5	2.4	2.7
20	2.4	2.0	2.1	2.3	2.8	2.1	2.2	1.9	3.3	3.0	2.4	3.0
21	2.5	4.2	2.2	3.6	3.1	2.2	2.2	1.9	3.0	3.2	2.8	3.9
22	2.4	3.0	2.2	2.6	3.7	2.4	2.3	1.8	2.5	3.2	2.6	2.4
23	2.5	3.0	2.0	2.6	3.5	4.0	2.2	1.9	2.4	3.5	2.5	2.3
24	2.5	3.1	1.9	3.1	3.3	2.8	2.2	2.0	2.4	4.0	2.5	2.6
25	2.5	2.3	2.1	3.1	3.0	2.7	2.3	2.3	2.3	3.2	2.5	3.2
26	2.6	2.5	2.4	2.7	3.7	4.9	2.8	2.0	2.2	3.5	2.4	2.8
27	2.6	2.3	2.7	2.8	3.0	3.3	2.4	2.2	2.2	4.0	2.5	2.3
28	2.6	2.2	3.3	2.4	3.0	2.7	2.1	2.0	2.3	3.0	2.5	2.3
29	2.4	2.3	2.6	2.8	---	2.8	2.3	2.0	2.3	3.0	2.6	2.2
30	2.4	2.4	2.5	2.8	---	2.9	2.2	2.5	2.2	2.4	2.6	2.3
31	2.5	---	2.4	2.5	---	4.8	---	2.0	---	2.5	2.7	---
TOTAL	83.1	76.3	73.9	93.7	85.0	98.6	74.4	64.7	77.3	92.8	77.0	99.6
MEAN	2.68	2.54	2.38	3.02	3.04	3.18	2.48	2.09	2.58	2.99	2.48	3.32
MAX	4.1	4.2	3.3	8.1	4.1	4.9	3.9	2.5	4.3	6.0	2.9	5.2
MIN	2.3	2.0	1.8	2.3	2.5	2.1	2.1	1.8	1.9	2.0	2.0	2.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1993, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MEAN	3.19	3.17	3.31	3.43	3.55	3.25	3.09	2.86	3.15	2.94	3.03	2.92	2.92	2.92
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	4.79	4.79
(WY)	1981	1984	1985	1986	1985	1983	1984	1984	1985	1984	1984	1989	1989	1989
MIN	1.46	1.65	2.01	1.83	1.66	2.05	2.12	2.09	1.73	1.46	1.62	.93	.93	.93
(WY)	1992	1992	1992	1992	1992	1992	1992	1993	1980	1990	1980	1990	1990	1990

SUMMARY STATISTICS

FOR 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1980 - 1993

ANNUAL TOTAL	777.18	996.4	3.19
ANNUAL MEAN	2.12	2.73	4.63
HIGHEST ANNUAL MEAN			1.92
LOWEST ANNUAL MEAN			25
HIGHEST DAILY MEAN	4.8 Jun 8	8.1 Jan 8	.00 Oct 12 1990
LOWEST DAILY MEAN	.98 Feb 16	1.8 * Dec 16	.74 Jun 17 1980
ANNUAL SEVEN-DAY MINIMUM	1.2 Feb 10	1.9 May 17	Unknown Sep 10 1990
INSTANTANEOUS PEAK FLOW		Unknown Jun 12	Unknown Apr 27 1991
INSTANTANEOUS PEAK STAGE		4.85 Jun 12	4.90 Apr 27 1991
10 PERCENT EXCEEDS	2.7	3.5	4.6
50 PERCENT EXCEEDS	2.1	2.5	2.9
90 PERCENT EXCEEDS	1.4	2.1	1.9

* Also occurred on May 22.

SAVANNAH RIVER BASIN

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.6	2.6	2.9	2.6	3.5	2.3	2.0	2.7	2.2	2.0	2.1
2	2.3	2.7	2.5	2.8	2.6	4.5	2.3	2.1	2.6	2.0	1.8	2.0
3	2.3	2.6	2.4	3.2	2.5	2.4	2.3	2.0	2.6	2.8	1.5	1.9
4	2.3	2.7	2.4	2.8	2.6	2.4	2.1	2.1	2.4	2.3	1.4	1.9
5	2.4	3.2	2.6	2.7	3.4	2.2	2.1	2.1	1.7	2.0	1.9	1.8
6	2.7	3.2	2.4	2.5	2.6	2.1	2.1	2.0	3.0	2.2	2.1	1.8
7	2.7	2.6	2.8	2.5	2.4	2.0	2.2	2.2	2.7	2.0	1.4	1.9
8	2.6	2.6	2.3	2.4	2.5	2.1	2.7	2.4	2.5	2.5	1.5	2.9
9	2.3	2.7	2.8	2.4	2.2	2.0	2.0	2.4	2.7	2.5	1.6	2.0
10	2.4	2.5	2.8	2.6	2.8	2.4	2.2	2.5	2.5	2.6	1.7	1.7
11	2.5	2.5	2.6	2.4	2.7	2.3	2.4	3.1	2.4	2.5	1.9	1.7
12	2.5	2.6	2.3	3.1	2.6	2.8	2.4	2.6	2.5	2.6	1.7	1.6
13	2.5	2.6	2.3	2.5	2.8	2.4	2.6	2.3	2.9	3.3	3.3	1.8
14	2.4	2.7	2.7	2.7	2.2	2.3	2.3	2.3	2.3	2.8	1.3	1.8
15	2.5	3.0	2.4	2.7	2.2	2.2	2.3	2.3	2.4	2.8	1.6	1.6
16	2.6	2.7	2.3	2.4	2.1	2.6	2.3	2.5	2.3	2.3	4.2	1.5
17	2.5	2.7	2.3	3.1	2.1	2.5	2.2	1.9	2.3	1.9	2.3	1.5
18	2.5	2.6	2.2	2.8	2.0	2.4	2.0	2.2	2.3	2.2	3.3	1.9
19	2.7	2.6	2.2	2.6	2.1	2.1	2.4	2.4	1.4	2.3	1.8	2.0
20	2.5	2.5	2.6	2.5	2.1	1.9	2.4	2.5	1.7	2.6	1.7	1.9
21	2.5	2.6	2.3	2.6	2.1	2.0	2.0	2.6	2.7	2.5	2.3	1.8
22	2.6	2.6	2.3	2.5	2.1	2.0	2.2	2.5	1.9	4.6	1.7	1.8
23	2.6	2.6	2.7	2.5	2.5	2.0	2.0	2.8	2.2	2.6	1.6	2.0
24	2.5	2.5	2.4	2.6	3.4	2.9	2.1	3.0	2.0	2.5	2.1	1.8
25	2.6	2.6	2.3	2.6	2.5	4.1	2.4	2.6	2.4	2.3	2.3	1.7
26	2.9	2.6	2.3	2.6	2.8	2.7	2.8	2.5	2.4	2.2	2.3	2.3
27	2.7	4.1	2.5	2.6	2.6	2.9	2.3	2.5	2.9	2.0	2.2	2.1
28	2.7	2.6	2.5	3.2	2.3	2.5	2.1	2.7	2.2	1.9	1.7	2.0
29	3.2	2.5	2.3	2.7	---	3.5	2.0	2.6	2.2	1.8	1.8	1.6
30	5.8	2.5	2.3	2.9	---	2.4	2.0	2.4	2.2	1.7	1.7	1.5
31	2.9	---	2.3	2.8	---	2.3	---	2.6	---	1.8	2.3	---
TOTAL	82.5	81.1	75.7	83.2	69.4	78.4	67.5	74.7	71.0	74.3	62.0	55.9
MEAN	2.66	2.70	2.44	2.68	2.48	2.53	2.25	2.41	2.37	2.40	2.00	1.86
MAX	5.8	4.1	2.8	3.2	3.4	4.5	2.8	3.1	3.0	4.6	4.2	2.9
MIN	2.3	2.5	2.2	2.4	2.0	1.9	2.0	1.9	1.4	1.7	1.3	1.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1994, BY WATER YEAR (WY)

	3.15	3.14	3.25	3.38	3.47	3.20	3.03	2.83	3.10	2.90	2.96	2.84
MEAN	3.15	3.14	3.25	3.38	3.47	3.20	3.03	2.83	3.10	2.90	2.96	2.84
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)	1991	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	2.09	1.73	1.46	1.62	.93
(WY)	1992	1992	1992	1992	1992	1992	1992	1993	1980	1990	1980	1990

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1980 - 1994

ANNUAL TOTAL	1002.4	875.7	
ANNUAL MEAN	2.75	2.40	
HIGHEST ANNUAL MEAN			3.14
LOWEST ANNUAL MEAN			4.63
HIGHEST DAILY MEAN			1.92
LOWEST DAILY MEAN	8.1 Jan 8	5.8 Oct 30	25 Oct 12 1990
ANNUAL SEVEN-DAY MINIMUM	1.8 * May 22	1.3 Aug 14	.00 Jun 17 1980
INSTANTANEOUS PEAK FLOW	1.9 May 17	1.6 Aug 3	.74 Sep 10 1990
INSTANTANEOUS PEAK STAGE		46 Jul 22	Unknown Apr 27 1991
10 PERCENT EXCEEDS	3.5	4.56 Jul 22	4.90
50 PERCENT EXCEEDS	2.6	2.8	4.6
90 PERCENT EXCEEDS	2.1	1.8	2.8
			1.9

* Also occurred on Dec. 16.

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 sea level (from topographic map).

REMARKS.--WATER YEAR 1993: Records fair except for estimated daily discharges, Oct. 2, 12, Nov. 29, 30, Dec. 1, Jan. 17, Feb. 27, 28, Mar. 1, 2, 4 - 12, 18 - 22, 25, 26, Apr. 4 - 12, May 23, 27 - 31, June 1 - 6, 13 - 16, 26 - 29, July 1 - 5, 7 - 9, 17 - 31, Aug. 1 - 31, Sept. 1 - 12, 14 - 16, 18 - 27, which are poor.

WATER YEAR 1994: Records fair except for estimated daily discharges, Oct. 9, Nov. 9, 14, Feb. 5, Mar. 4, 5, 26, 28, 30, 31, Apr. 3 - 19, 21 - 30, May 1 - 9, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.2	6.7	11	8.5	13	15	35	6.2	8.0	6.0	5.3	6.0
2	6.0	7.4	11	7.9	12	12	24	6.1	10	6.0	5.5	6.0
3	6.7	8.8	8.9	7.8	11	21	21	6.0	6.0	5.0	5.0	6.0
4	21	14	8.3	8.2	11	40	19	9.6	5.0	4.5	7.0	6.0
5	14	12	9.2	8.7	13	30	34	13	4.0	4.0	5.0	19
6	10	9.7	9.2	12	18	20	27	7.2	4.0	5.5	4.0	16
7	11	9.4	12	32	26	20	20	5.9	3.5	8.0	6.5	11
8	11	7.9	13	80	28	19	19	5.4	3.7	7.0	8.0	12
9	44	7.7	12	37	22	19	18	4.8	3.6	5.0	5.0	11
10	13	7.5	14	25	21	18	20	4.4	7.0	4.6	6.0	8.0
11	11	6.8	11	24	20	18	18	4.1	19	4.4	5.0	7.0
12	10	17	9.2	34	19	18	16	4.4	13	4.0	4.5	6.9
13	11	18	9.4	28	19	38	13	4.3	28	4.9	5.0	8.0
14	8.8	11	9.0	22	16	22	12	5.6	10	5.1	5.5	7.0
15	7.2	10	8.8	19	15	20	12	5.0	8.0	4.5	7.0	5.0
16	7.4	10	8.1	18	21	20	12	4.6	5.0	4.6	4.0	5.0
17	7.8	10	12	16	20	23	10	4.2	4.4	4.3	5.0	8.5
18	6.6	6.7	12	16	17	18	9.5	3.8	4.4	4.0	5.0	25
19	6.2	6.5	11	15	15	15	9.0	4.3	4.0	5.0	4.0	10
20	6.2	8.0	8.6	14	14	13	8.5	5.1	4.6	5.0	4.0	8.0
21	5.9	27	9.1	28	16	12	7.9	4.5	4.3	4.5	7.3	30
22	5.8	28	9.1	22	25	12	7.5	4.2	4.3	4.0	6.0	20
23	6.5	17	8.7	20	20	27	7.9	5.0	5.0	4.0	6.0	8.0
24	6.3	15	9.0	23	17	27	7.6	4.3	4.1	9.8	8.0	6.0
25	6.3	13	7.5	22	15	15	8.2	5.3	4.3	5.0	4.0	8.0
26	6.6	22	8.0	17	24	40	11	4.2	5.0	15	5.0	7.0
27	6.9	16	9.3	15	19	58	9.8	7.0	5.0	6.0	6.0	7.0
28	7.2	13	17	13	19	28	7.1	6.0	5.0	6.0	7.0	6.6
29	7.1	12	13	14	---	24	7.1	5.0	6.0	6.0	6.5	6.4
30	6.9	11	9.4	13	---	22	6.5	7.0	4.2	5.5	6.0	6.7
31	8.0	---	8.4	12	---	42	---	10	---	5.5	6.5	---
TOTAL	298.6	369.1	316.2	632.1	506	726	437.6	176.5	202.4	172.7	174.6	297.1
MEAN	9.63	12.3	10.2	20.4	18.1	23.4	14.6	5.69	6.75	5.57	5.63	9.90
MAX	44	28	17	80	28	58	35	13	28	15	8.0	30
MIN	5.8	6.5	7.5	7.8	11	12	6.5	3.8	3.5	4.0	4.0	5.0
CFSM	1.28	1.63	1.35	2.71	2.40	3.11	1.94	.76	.90	.74	.75	1.32
IN.	1.48	1.82	1.56	3.12	2.50	3.59	2.16	.87	1.00	.85	.86	1.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1993, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MEAN	9.89	11.2	11.8	14.4	15.9	17.7	14.4	10.8	10.0	10.4	11.2	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	5.57	5.63	4.39									
(WY)	1992	1975	1979	1979	1989	1990	1990	1990	1990	1993	1993	1990									

SUMMARY STATISTICS

FOR 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1973 - 1993

ANNUAL TOTAL	3672.4	4308.9	
ANNUAL MEAN	10.0	11.8	
HIGHEST ANNUAL MEAN			12.4
LOWEST ANNUAL MEAN			18.6
HIGHEST DAILY MEAN	46	80	186
LOWEST DAILY MEAN	3.0	3.5	2.5
ANNUAL SEVEN-DAY MINIMUM	3.2	4.3	2.7
INSTANTANEOUS PEAK FLOW		126	Unknown
INSTANTANEOUS PEAK STAGE		4.46	6.27
ANNUAL RUNOFF (CFSM)	1.33	1.57	1.64
ANNUAL RUNOFF (INCHES)	18.14	21.29	22.33
10 PERCENT EXCEEDS	17	22	20
50 PERCENT EXCEEDS	8.0	8.7	10
90 PERCENT EXCEEDS	5.8	4.5	6.0

SAVANNAH RIVER BASIN

02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.2	13	10	8.1	12	14	14	7.0	6.2	8.0	9.5	5.4
2	6.5	11	10	12	11	47	14	6.0	6.4	6.8	9.7	5.6
3	5.1	8.6	8.9	14	8.7	21	12	7.0	9.7	11	7.8	6.7
4	4.6	10	7.6	17	7.9	16	12	8.0	9.1	13	7.6	5.5
5	5.1	14	10	13	16	14	14	7.0	7.1	8.7	8.0	5.0
6	5.2	15	8.9	10	15	12	12	6.0	15	7.4	8.3	4.6
7	5.6	13	9.6	8.5	11	11	11	6.0	12	7.0	7.2	4.8
8	6.1	11	7.3	9.0	12	11	10	7.0	8.5	7.7	6.9	6.1
9	5.0	10	10	7.4	10	10	9.0	8.0	8.0	8.0	6.3	4.7
10	5.7	9.8	11	7.8	13	17	10	6.8	8.8	6.5	6.4	4.0
11	5.4	10	12	8.2	13	15	11	8.0	7.0	6.6	6.4	3.9
12	5.5	9.7	11	16	12	14	11	6.8	7.0	7.3	6.9	3.7
13	5.7	11	9.4	12	10	12	20	6.3	7.9	19	20	3.9
14	5.5	12	12	9.7	10	14	15	6.3	7.2	17	11	4.0
15	5.3	14	12	9.2	9.3	12	11	6.4	6.3	9.0	8.3	3.7
16	6.2	14	10	8.6	8.2	12	12	10	5.8	7.1	21	3.7
17	6.7	14	9.1	12	8.9	10	10	8.1	5.6	6.2	25	3.5
18	6.2	11	9.0	16	8.2	9.6	9.4	6.7	9.2	8.2	20	5.2
19	8.3	15	6.6	11	7.3	8.2	10	5.7	6.7	7.8	20	5.4
20	6.3	11	8.3	10	6.9	7.7	8.9	5.9	6.4	8.6	9.7	4.4
21	5.4	11	9.4	9.8	6.1	8.1	7.4	5.8	7.7	8.1	11	3.7
22	6.6	12	7.4	10	5.7	8.2	7.0	5.6	5.7	17	14	3.3
23	7.0	10	11	9.9	8.1	7.9	10	5.6	6.3	24	7.6	4.2
24	6.2	9.5	9.6	11	27	12	7.5	5.8	5.9	17	6.0	3.8
25	6.5	9.7	7.3	10	14	46	8.0	5.2	7.4	10	4.6	3.7
26	7.5	8.6	6.9	11	13	22	10	4.7	7.7	9.5	3.9	4.1
27	7.2	21	7.0	9.6	12	18	8.0	5.4	12	12	3.9	3.5
28	7.4	16	6.3	15	11	16	7.0	5.6	9.1	12	3.3	3.5
29	8.1	13	7.1	12	---	28	6.4	5.7	8.3	10	3.7	2.9
30	38	13	6.5	16	---	16	7.0	5.6	8.7	8.6	3.4	2.9
31	19	---	5.8	13	---	15	---	6.0	---	8.3	4.7	---
TOTAL	235.1	360.9	277.0	346.8	307.3	484.7	314.6	200.0	238.7	317.4	292.1	129.4
MEAN	7.58	12.0	8.94	11.2	11.0	15.6	10.5	6.45	7.96	10.2	9.42	4.31
MAX	38	21	12	17	27	47	20	10	15	24	25	6.7
MIN	4.6	8.6	5.8	7.4	5.7	7.7	6.4	4.7	5.6	6.2	3.3	2.9
CFSM	1.01	1.60	1.19	1.49	1.46	2.08	1.39	.86	1.06	1.36	1.25	.57
IN.	1.16	1.78	1.37	1.71	1.52	2.39	1.55	.99	1.18	1.57	1.44	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1994, BY WATER YEAR (WY)

	9.78	11.3	11.7	14.3	15.7	17.6	14.2	10.6	9.92	10.4	11.2	9.78
MEAN	9.78	11.3	11.7	14.3	15.7	17.6	14.2	10.6	9.92	10.4	11.2	9.78
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	5.57	5.63	4.31
(WY)	1992	1975	1979	1979	1989	1990	1990	1990	1990	1993	1993	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1973 - 1994

ANNUAL TOTAL	4198.0	3504.0	12.2
ANNUAL MEAN	11.5	9.60	18.6
HIGHEST ANNUAL MEAN			9.00
LOWEST ANNUAL MEAN			186
HIGHEST DAILY MEAN	80	47	Aug 22 1990
LOWEST DAILY MEAN	3.5	2.9 * Sep 29	2.5
ANNUAL SEVEN-DAY MINIMUM	4.3	3.5	Jul 1 1990
INSTANTANEOUS PEAK FLOW		90	Jul 1 1990
INSTANTANEOUS PEAK STAGE		4.10	Unknown
ANNUAL RUNOFF (CFSM)	1.53	1.27	6.27
ANNUAL RUNOFF (INCHES)	20.74	17.31	1.62
10 PERCENT EXCEEDS	22	15	22.05
50 PERCENT EXCEEDS	8.2	8.5	20
90 PERCENT EXCEEDS	4.5	5.2	10
			5.9

* Also occurred on Sept. 30.

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 sea level (from topographic map). Prior to October 1, 1990, at same site at datum 1.00 ft lower.

REMARKS.--WATER YEAR 1993: Estimated daily discharges, Oct. 1, 8, 12, Nov. 12, 21, 26, Jan. 7, 8, Feb. 7, 22, Mar. 3, 6, 13, 23, 26, 31, May 4, 30, June 10, 12, July 6, 7, 13, 14, 15, Aug. 14, Sept. 5, 6, 13, 17, 20, 21. Records poor. Flow completely regulated by Savannah River Site.

WATER YEAR 1994: Estimated daily discharges, Oct. 1 to Nov. 5, 13, 27, Dec. 3, 4, 11, 18, 28, Jan. 3, 24, 30, Feb. 1, 5, 8, 9, 11, 18, 21, 23, 24, 25, Mar. 1, 3, 4, 8, 9, 13, 14, 15, 17 - 21, 23 - 27, Apr. 1, 3, 10, 12 - 14, 27, May 13, 15, 25, 29, June 2, 6, 23, 27, July 13, 22, 25, Aug. 16, 18, 21 - 23, 25, Sept. 2, 19, 20, 28, 29. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.04	.05	.04	.00	.03	.03	.04	.05	.04	.01	.01
2	.02	.04	.05	.04	.00	.03	.01	.04	.07	.04	.01	.01
3	.04	.03	.05	.04	.00	.25	.00	.04	.05	.04	.03	.02
4	.06	.05	.05	.04	.00	.10	.00	.21	.05	.04	.02	.02
5	.04	.05	.05	.04	.01	.04	.12	.04	.05	.04	.01	1.3
6	.03	.04	.05	.07	.08	.04	.03	.03	.05	.05	.01	.22
7	.03	.04	.06	.55	.36	.04	.03	.03	.05	.06	.16	.02
8	3.6	.04	.05	1.7	.06	.04	.02	.03	.05	.05	.03	.01
9	.10	.04	.05	.07	.03	.03	.03	.03	.05	.04	.02	.02
10	.03	.04	.07	.05	.05	.03	.03	.03	5.7	.04	.02	.02
11	.04	.04	.05	.06	.02	.02	.02	.03	.08	.04	.01	.02
12	.03	.18	.05	.17	.05	.02	.01	.03	5.3	.04	.01	.02
13	.03	.05	.05	.05	.02	.23	.01	.03	.06	.04	.01	.02
14	.02	.05	.05	.04	.00	.03	.01	.03	.04	.03	.16	.02
15	.02	.05	.05	.04	.00	.03	.01	.03	.04	.03	.03	.02
16	.02	.05	.05	.04	.05	.03	.02	.03	.04	.03	.02	.02
17	.02	.05	.06	.04	.03	.06	.02	.04	.04	.03	.01	3.8
18	.02	.05	.05	.03	.02	.03	.03	.04	.04	.03	.01	.03
19	.02	.05	.05	.03	.01	.03	.03	.06	.04	.04	.01	.04
20	.02	.05	.05	.03	.02	.03	.03	.05	.04	.04	.01	.03
21	.02	.36	.05	.10	.04	.03	.03	.04	.04	.03	.03	1.7
22	.02	.07	.05	.04	.11	.03	.03	.04	.04	.03	.03	.03
23	.02	.06	.05	.03	.03	.16	.03	.04	.04	.04	.02	.03
24	.03	.05	.05	.09	.04	.04	.03	.04	.04	.04	.02	.03
25	.03	.05	.05	.04	.04	.03	.04	.04	.04	.02	.01	.03
26	.03	.60	.05	.03	.06	.57	.04	.05	.06	.01	.01	.03
27	.03	.05	.05	.03	.03	.04	.04	.04	.05	.01	.01	.03
28	.03	.05	.06	.03	.03	.03	.04	.04	.05	.01	.02	.03
29	.03	.05	.04	.05	---	.03	.04	.04	.05	.01	.01	.03
30	.03	.05	.04	.02	---	.03	.04	.36	.04	.01	.01	.03
31	.04	---	.04	.00	---	1.1	---	.05	---	.01	.01	---
TOTAL	4.52	2.42	1.57	3.63	1.19	3.23	0.85	1.67	12.34	1.01	0.78	7.64
MEAN	.15	.081	.051	.12	.042	.10	.028	.054	.41	.033	.025	.25
MAX	3.6	.60	.07	1.7	.36	1.1	.12	.36	5.7	.06	.16	3.8
MIN	.02	.03	.04	.00	.00	.02	.00	.03	.04	.01	.01	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1993, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MEAN	.17	.19	.17	.25	.21	.18	.24	.24	.28	.19
MAX	.72	.86	.87	.86	.81	.75	.92	.91	1.06	1.03
(WY)	1985	1985	1985	1984	1985	1985	1984	1985	1984	1984
MIN	.001	.004	.010	.012	.016	.011	.011	.012	.011	.015
(WY)	1992	1992	1992	1989	1990	1990	1990	1990	1990	1989

SUMMARY STATISTICS

FOR 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1984 - 1993

ANNUAL TOTAL	21.43	40.85	
ANNUAL MEAN	.059	.11	.15
HIGHEST ANNUAL MEAN			.68
LOWEST ANNUAL MEAN			.016
HIGHEST DAILY MEAN			
LOWEST DAILY MEAN	3.6 Oct 8	5.7 Jun 10	5.7 Jun 10 1993
ANNUAL SEVEN-DAY MINIMUM	.00 Jan 11	.00 *Jan 31	** .00 Jul 29 1988
INSTANTANEOUS PEAK FLOW	.00 Jan 25	.00 Jan 30	.00 Jul 6 1991
INSTANTANEOUS PEAK STAGE		Unknown Jun 12	Unknown Oct 22 1990
10 PERCENT EXCEEDS	.06	5.13 Jun 12	5.36 Oct 22 1990
50 PERCENT EXCEEDS	.05	.06	.81
90 PERCENT EXCEEDS	.03	.04	.05
		.01	.01

* Also occurred many days during the year.

** Also occurred on July 30, 1988, Jan. 2, 20 - 23, 1989, and many days in 1991 - 1993.

SAVANNAH RIVER BASIN

021973405 C-001 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.01	.05	.08	.03	.39	.04	.04	.03	.04	.05	.04
2	.01	.01	.05	.05	.03	.22	.04	.04	.03	.04	.04	.15
3	.01	.01	.05	.18	.03	.04	.04	.04	.04	.04	.04	.04
4	.01	.01	.05	.06	.03	.04	.04	.03	.03	.07	.04	.04
5	.01	.05	.06	.04	.11	.04	.04	.04	.03	.04	.04	.04
6	.01	.06	.05	.04	.04	.04	.04	.04	.49	.04	.04	.04
7	.01	.05	.05	.04	.04	.04	.04	.04	.05	.04	.04	.04
8	.01	.05	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04
9	.01	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04
10	.01	.05	.07	.03	.07	.15	.04	.04	.04	.04	.04	.04
11	.01	.05	.05	.01	.06	.04	.04	.04	.04	.04	.04	.04
12	.01	.05	.05	.08	.04	.04	.04	.04	.03	.04	.04	.04
13	.01	.05	.05	.04	.04	.04	.08	.03	.06	.69	.09	.04
14	.01	.05	.08	.04	.04	.04	.04	.03	.04	.04	.04	.04
15	.01	.05	.05	.04	.03	.04	.04	.13	.03	.04	.04	.04
16	.01	.05	.05	.03	.03	.04	.04	.06	.03	.04	.23	.04
17	.01	.05	.05	.07	.03	.04	.04	.03	.03	.04	.06	.04
18	.01	.05	.05	.05	.03	.04	.04	.03	.04	.04	5.8	.06
19	.01	.05	.05	.04	.03	.04	.04	.03	.04	.04	.05	.04
20	.01	.05	.07	.03	.01	.04	.04	.03	.03	.10	.04	.04
21	.01	.05	.06	.03	.01	.04	.04	.03	.03	.04	.52	.04
22	.01	.05	.06	.03	.02	.04	.08	.03	.04	.14	.05	.04
23	.01	.05	.08	.02	.24	.04	.04	.02	.04	.04	.04	.04
24	.01	.05	.06	.01	.24	.13	.04	.02	.04	.04	.04	.04
25	.01	.05	.06	.01	.04	.76	.04	.02	.05	.04	.04	.04
26	.01	.05	.06	.01	.03	.04	.04	.03	.04	.04	.04	.04
27	.01	.37	.06	.01	.03	.04	.04	.03	.57	.05	.04	.04
28	.01	.05	.05	.07	.03	.05	.04	.03	.04	.05	.04	.04
29	.03	.05	.05	.06	---	.11	.04	.03	.04	.04	.04	.03
30	1.8	.05	.04	.08	---	.04	.04	.03	.04	.04	.04	.03
31	.01	---	.04	.04	---	.04	---	.03	---	.04	.05	---
TOTAL	2.12	1.67	1.70	1.40	1.45	2.77	1.28	1.14	2.12	2.10	7.78	1.31
MEAN	.068	.056	.055	.045	.052	.089	.043	.037	.071	.068	.25	.044
MAX	1.8	.37	.08	.18	.24	.76	.08	.13	.57	.69	5.8	.15
MIN	.01	.01	.04	.01	.01	.04	.04	.02	.03	.04	.04	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	MEAN	.16	.18	.16	.23	.19	.17	.22	.22	.26	.18	.19	.18
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	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	37.83	26.84	
ANNUAL MEAN	.10	.074	.15
HIGHEST ANNUAL MEAN			.68
LOWEST ANNUAL MEAN			.016
HIGHEST DAILY MEAN	5.7 Jun 10	5.8 Aug 18	5.8 Aug 18 1994
LOWEST DAILY MEAN	.00 Jan 31	.01 *Oct 1	** .00 Jul 29 1988
ANNUAL SEVEN-DAY MINIMUM	.00 Jan 30	.01 Oct 1	.00 Jul 6 1991
INSTANTANEOUS PEAK FLOW		Unknown Aug 18	Unknown Oct 22 1990
INSTANTANEOUS PEAK STAGE		3.93 Aug 18	5.36 Oct 22 1990
10 PERCENT EXCEEDS	.06	.06	.81
50 PERCENT EXCEEDS	.04	.04	.05
90 PERCENT EXCEEDS	.01	.01	.01

* Also occurred many days during the year.

** Also occurred on July 30, 1988, Jan. 2, 20 - 23, 1989, and many days in 1991 - 1993.

SAVANNAH RIVER BASIN

02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'40'', long 81°41'45'', Barnwell County, Hydrologic Unit 03060106, on right upstream end of concrete culvert pipe on Four Mile Creek at SRS Road A-7, 1.0 mi southwest of Area C, at Savannah River Site.

DRAINAGE AREA.--12.5 mi².

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Elevation of gage is 155 ft above sea level (from topographic map).

REMARKS.--WATER YEAR 1993: Estimated daily discharges, Oct. 1, Jan. 11, 12, 13, 18, 19 to Feb. 26, Mar. 4, 5, 14, 24, 27, 28, 29, Apr. 1, May 5, 27, 30, 31, June 10, 11, July 7, 8. Records poor. Flow regulated by Savannah River Site operations.

WATER YEAR 1994: Records fair except for estimated daily discharges, Oct. 30, Nov. 16, 17, 27, Dec. 14, 15, 20 - 26, Jan. 2 - 4, 12, 18, 28, 30, Feb. 5, 6, 23, 24, 27, 28, Mar. 1 - 4, 6 - 8, 10, 11, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.6	9.9	18	17	10	22	82	13	10	11	7.4	7.6
2	8.2	10	19	17	8.0	21	42	13	12	11	7.0	8.0
3	8.2	12	16	17	8.0	27	33	12	13	9.5	8.6	8.4
4	30	15	16	17	8.0	102	30	12	11	8.3	13	8.1
5	20	25	16	18	8.0	40	55	23	10	7.7	8.9	28
6	14	14	16	25	60	32	51	16	12	8.9	7.4	40
7	13	14	21	49	151	30	34	13	7.4	11	12	19
8	17	13	20	314	161	26	29	12	7.7	14	17	15
9	112	13	20	87	46	24	28	11	7.7	8.6	9.8	15
10	24	13	26	42	40	23	34	11	8.0	8.3	10	12
11	18	13	20	34	46	21	25	11	68	8.2	8.5	11
12	16	28	17	59	33	20	22	10	14	6.9	7.8	9.9
13	15	49	17	55	28	77	21	10	105	6.9	8.0	10
14	14	22	16	36	40	41	20	11	19	8.2	9.7	11
15	12	19	16	28	52	28	20	12	15	7.3	12	9.4
16	11	18	16	26	140	27	20	11	11	7.2	7.9	8.5
17	11	19	21	23	150	38	19	11	11	6.9	8.3	13
18	11	16	21	14	134	30	18	10	9.8	6.8	8.3	48
19	9.7	15	19	13	10	25	18	11	9.3	8.7	7.7	20
20	9.5	16	17	12	10	23	17	12	9.5	9.8	7.0	14
21	9.5	43	17	32	18	23	16	12	10	7.5	7.6	41
22	9.1	78	18	36	30	22	16	8.3	9.4	7.1	12	40
23	9.2	31	17	24	24	36	16	8.7	9.7	6.5	8.8	16
24	9.4	25	18	42	70	72	15	11	9.6	8.5	9.2	12
25	9.6	22	16	58	101	30	14	10	9.6	24	8.4	14
26	9.5	42	16	20	39	54	16	9.6	11	11	7.0	13
27	9.7	31	18	12	28	170	17	16	12	8.7	7.4	12
28	9.8	22	31	10	23	64	15	11	11	9.2	7.8	11
29	10	19	25	62	---	41	15	9.4	15	9.0	8.3	10
30	9.8	18	19	12	---	36	14	12	11	7.9	6.8	10
31	11	---	18	10	---	103	---	16	---	7.1	7.7	---
TOTAL	487.8	684.9	581	1221	1476.0	1328	772	369.0	478.7	281.7	277.3	494.9
MEAN	15.7	22.8	18.7	39.4	52.7	42.8	25.7	11.9	16.0	9.09	8.95	16.5
MAX	112	78	31	314	161	170	82	23	105	24	17	48
MIN	7.6	9.9	16	10	8.0	20	14	8.3	7.4	6.5	6.8	7.6
CFSM	1.26	1.83	1.50	3.15	4.22	3.43	2.06	.95	1.28	.73	.72	1.32
IN.	1.45	2.04	1.73	3.63	4.39	3.95	2.30	1.10	1.42	.84	.83	1.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1993, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MEAN	14.6	14.9	17.1	21.7	25.2	25.9	20.6	15.5	14.9	15.0	17.3	13.0									
MAX	68.0	26.0	24.6	39.4	52.7	44.6	38.1	43.2	37.1	48.9	75.7	17.7									
(WY)	1991	1980	1977	1993	1993	1980	1984	1984	1973	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									
(WY)	1979	1982	1989	1989	1989	1990	1990	1990	1990	1986	1980	1990									

SUMMARY STATISTICS

FOR 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1973 - 1993

ANNUAL TOTAL	6769.0	8452.3	
ANNUAL MEAN	18.5	23.2	17.8
HIGHEST ANNUAL MEAN			32.7
LOWEST ANNUAL MEAN			12.4
HIGHEST DAILY MEAN	196	Aug 20	830
LOWEST DAILY MEAN	6.1	Jul 15	2.7
ANNUAL SEVEN-DAY MINIMUM	6.7	Jul 10	3.2
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE			6.89
ANNUAL RUNOFF (CFSM)	1.48		1.42
ANNUAL RUNOFF (INCHES)	20.14		19.31
10 PERCENT EXCEEDS	30		30
50 PERCENT EXCEEDS	15		14
90 PERCENT EXCEEDS	9.2		8.0

* From rating curve extended above 83 ft³/s based on step-backwater computation.

SAVANNAH RIVER BASIN

02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	17	12	13	18	20	16	9.3	9.0	11	10	14
2	11	14	11	17	17	101	16	8.7	8.6	8.8	13	11
3	10	12	11	18	16	40	15	9.3	13	9.2	9.3	15
4	9.6	13	11	26	15	22	14	10	11	24	8.6	11
5	9.8	18	14	18	23	19	16	9.9	11	15	8.2	9.0
6	9.6	18	12	16	31	20	14	9.2	18	11	9.0	8.5
7	11	15	12	15	19	16	14	8.9	25	8.6	8.2	8.8
8	11	14	11	15	21	16	14	9.8	13	10	7.8	9.2
9	10	12	12	14	19	16	12	11	11	10	6.8	10
10	11	12	14	14	25	40	13	10	12	8.6	6.7	8.2
11	10	11	16	14	25	36	14	9.9	11	7.6	6.9	8.0
12	10	11	14	26	22	20	14	10	9.0	8.0	6.9	7.3
13	11	11	13	21	18	18	23	8.5	11	16	14	6.9
14	11	11	16	16	17	22	18	8.7	15	31	24	7.5
15	10	12	18	16	17	18	14	9.2	9.3	12	11	6.8
16	11	15	14	15	16	17	14	19	8.7	8.9	15	7.2
17	14	14	13	17	16	17	13	11	8.5	7.2	52	7.6
18	12	12	14	29	15	15	12	11	9.2	7.7	44	11
19	12	12	13	18	15	14	12	8.5	15	8.5	58	12
20	13	12	13	16	15	14	12	8.5	7.6	11	18	8.8
21	11	11	22	16	14	13	10	9.1	10	14	18	7.8
22	11	11	17	16	13	14	13	8.3	8.4	11	36	6.8
23	12	11	22	16	15	13	17	8.0	9.1	45	15	7.0
24	11	11	19	16	40	16	11	9.0	7.5	19	12	8.9
25	10	10	15	16	21	93	10	8.1	9.3	13	9.9	7.8
26	12	10	13	16	17	31	12	7.7	10	9.7	8.1	7.6
27	12	29	12	16	16	20	11	6.9	17	12	8.0	7.1
28	12	25	12	26	15	19	9.7	7.9	21	18	6.8	7.2
29	12	14	14	21	---	42	8.9	7.8	11	12	7.0	6.1
30	74	14	13	29	---	21	9.1	7.8	12	11	6.8	5.9
31	35	---	12	23	---	17	---	9.6	---	11	6.8	---
TOTAL	429.0	412	435	565	531	800	401.7	290.6	351.2	409.8	471.8	260.0
MEAN	13.8	13.7	14.0	18.2	19.0	25.8	13.4	9.37	11.7	13.2	15.2	8.67
MAX	74	29	22	29	40	101	23	19	25	45	58	15
MIN	9.6	10	11	13	13	13	8.9	6.9	7.5	7.2	6.7	5.9
CFSM	1.11	1.10	1.12	1.46	1.52	2.06	1.07	.75	.94	1.06	1.22	.69
IN.	1.28	1.23	1.29	1.68	1.58	2.38	1.20	.86	1.05	1.22	1.40	.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1994, BY WATER YEAR (WY)

MEAN	14.5	14.9	17.0	21.5	24.9	25.9	20.2	15.2	14.7	15.0	17.2	12.8
MAX	68.0	26.0	24.6	39.4	52.7	44.6	38.1	43.2	37.1	48.9	75.7	17.7
(WY)	1991	1980	1977	1993	1993	1980	1984	1984	1973	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
(WY)	1979	1982	1989	1989	1989	1990	1990	1990	1990	1986	1980	1990

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1973 - 1994

ANNUAL TOTAL	7974.6	5357.1	
ANNUAL MEAN	21.8	14.7	
HIGHEST ANNUAL MEAN			17.6
LOWEST ANNUAL MEAN			32.7
HIGHEST DAILY MEAN			12.4
LOWEST DAILY MEAN	314	Jan 8	830
ANNUAL SEVEN-DAY MINIMUM	6.5	Jul 23	2.7
INSTANTANEOUS PEAK FLOW	7.2	Jul 12	3.2
INSTANTANEOUS PEAK STAGE			Unknown
ANNUAL RUNOFF (CFSM)	1.75		6.89
ANNUAL RUNOFF (INCHES)	23.73		1.41
10 PERCENT EXCEEDS	41		19.13
50 PERCENT EXCEEDS	12		30
90 PERCENT EXCEEDS	8.1		14
			8.0

* From rating curve extended above 83 ft³/s based on step-backwater computation.

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 sea level (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 14 - 21, 30, Nov. 27, Dec. 23, Jan. 3, Feb. 5, 21, 23, 24, Mar. 1, 2, 24, 25, May 15, June 6, 11, 27, July 13, Aug. 16, 18, 20, 21, 31, Sept. 2. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.40	.37	.36	.61	.50	1.0	.45	.42	.50	.37	.40	.54
2	.42	.37	.36	.49	.47	1.7	.41	.41	.50	.35	.43	.60
3	.40	.37	.36	.70	.48	.50	.40	.40	.46	.37	.52	.44
4	.39	.37	.39	.55	.50	.50	.40	.40	.48	.50	.36	.45
5	.39	.48	.37	.49	1.2	.54	.40	.40	.50	.37	.35	.44
6	.40	.45	.37	.45	.61	.61	.40	.40	.60	.37	.37	.39
7	.40	.37	.37	.41	.60	1.1	.40	.44	.46	.35	.37	.40
8	.40	.37	.37	.48	.59	.94	.40	.40	.58	.34	.37	.41
9	.43	.37	.37	.45	.56	.61	.48	.38	.40	.38	.37	.46
10	.40	.37	.38	.43	.76	1.0	.48	.45	.40	.37	.37	.45
11	.40	.37	.40	.40	.68	.53	.48	.38	.45	.38	.37	.45
12	.40	.37	.37	1.5	.60	.56	.47	.35	.40	.40	.53	.43
13	.40	.37	.37	1.7	.50	.55	.54	.34	.52	.60	.68	.43
14	.40	.37	.53	.94	.50	.55	.46	.33	.44	.43	.44	.43
15	.40	.37	.43	.44	.50	.55	.48	.40	.40	.37	.38	.43
16	.40	.37	.38	.37	.50	.51	.51	.51	.41	.37	1.0	.42
17	.40	.37	.37	.65	.50	.46	.45	.40	.41	.37	.61	.44
18	.40	.37	.41	.98	.50	.42	.41	.44	.49	.37	1.4	.53
19	.40	.37	.37	.42	.59	.50	.41	.44	.65	.33	.43	.40
20	.38	.40	.43	.31	.61	.50	.38	.41	.44	.47	.45	.40
21	.38	.37	.40	.31	.53	.43	.40	.48	.41	.33	1.0	.41
22	.37	.36	.37	.29	.47	.40	.62	.47	.44	.57	.54	.40
23	.44	.37	.50	.43	.55	.40	.50	.43	.44	.38	.51	.44
24	.44	.37	.45	.49	1.1	.60	.47	.45	.40	.37	.48	.45
25	.45	.37	.43	.45	.45	1.3	.47	.45	.41	.35	.50	.45
26	.44	.37	.38	.45	.53	.52	.47	.45	.46	.36	.55	.44
27	.44	.60	.33	.45	.50	.43	.45	.43	.70	.44	.54	.44
28	.45	.38	.37	.45	.47	.40	.40	.45	.38	.46	.55	.44
29	.43	.35	.37	.45	---	1.0	.40	.46	.37	.39	.54	.45
30	1.4	.35	.37	.49	---	.50	.40	.44	.37	.38	.54	.45
31	.40	---	.37	.50	---	.47	---	.46	---	.40	.70	---
TOTAL	13.65	11.51	12.10	17.53	16.35	20.08	13.39	13.07	13.87	12.29	16.65	13.31
MEAN	.44	.38	.39	.57	.58	.65	.45	.42	.46	.40	.54	.44
MAX	1.4	.60	.53	1.7	1.2	1.7	.62	.51	.70	.60	1.4	.60
MIN	.37	.35	.33	.29	.45	.40	.38	.33	.37	.33	.35	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

MEAN	.59	.62	.69	.82	.69	.76	.78	.72	.68	.60	.65	.67
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	.38	.39	.37	.39	.42	.45	.39	.36	.30	.41	.44
(WY)	1989	1994	1994	1989	1989	1989	1994	1987	1993	1993	1993	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	183.00	173.80	
ANNUAL MEAN	.50	.48	.65
HIGHEST ANNUAL MEAN			1.26
LOWEST ANNUAL MEAN			.48
HIGHEST DAILY MEAN	3.2	Jan 8	3.5
LOWEST DAILY MEAN	.07	Jul 1	.00
ANNUAL SEVEN-DAY MINIMUM	.09	Jun 30	.09
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE			1.80
10 PERCENT EXCEEDS	.66	.60	1.3
50 PERCENT EXCEEDS	.44	.43	.54
90 PERCENT EXCEEDS	.35	.37	.38

* 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 sea level (from topographic map).

REMARKS.--Estimated daily discharges, Nov. 6 - 9, April 1 - 4, April 10 to June 19. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	6.4	7.3	7.1	6.9	3.2	1.9	1.1	1.1	1.1	3.7	1.6
2	2.9	6.1	7.3	7.6	6.8	7.1	1.8	1.2	1.0	1.0	4.2	3.9
3	2.7	6.0	7.3	8.5	6.6	3.1	1.8	1.3	1.6	1.1	5.1	1.6
4	2.7	6.0	7.3	8.2	6.5	2.8	1.7	1.2	1.4	1.5	5.5	1.5
5	2.7	6.0	7.3	7.6	8.1	2.6	1.7	1.2	1.9	1.1	5.2	1.5
6	2.7	5.8	7.3	7.6	7.0	2.5	1.7	1.1	3.2	1.1	5.0	1.5
7	2.7	5.8	7.3	7.4	6.8	2.6	1.6	1.2	2.5	1.0	5.0	1.4
8	3.4	6.0	7.3	7.4	6.8	2.6	1.6	1.3	1.5	1.0	5.0	1.4
9	5.3	7.6	7.3	7.6	6.9	2.3	1.6	1.4	1.4	1.1	5.4	1.4
10	5.5	8.0	7.3	7.8	7.3	3.3	1.8	1.3	1.6	1.1	5.5	1.4
11	5.6	7.9	7.3	8.0	7.6	2.6	1.9	1.2	1.3	1.1	5.5	1.4
12	5.7	7.6	7.3	9.2	7.3	2.4	2.3	1.2	1.2	1.2	5.5	1.4
13	6.0	7.6	7.5	8.6	6.9	2.3	3.0	1.1	1.5	1.8	6.8	1.4
14	6.0	7.6	8.1	8.2	6.4	2.3	2.3	1.1	1.9	1.3	6.1	1.4
15	6.0	7.6	8.2	8.0	6.2	2.2	1.9	1.2	1.5	1.1	5.5	1.4
16	6.1	7.6	8.0	8.0	6.2	2.1	1.8	2.5	1.2	1.1	7.3	1.5
17	6.2	7.6	8.0	8.0	6.0	2.0	1.7	1.4	1.1	1.1	3.7	1.5
18	6.3	7.6	8.0	8.8	6.1	1.9	1.6	1.3	1.5	1.1	38	1.6
19	6.2	7.6	8.0	8.4	5.8	1.8	1.6	1.2	1.9	1.0	1.6	1.7
20	6.4	7.6	8.0	7.9	4.3	1.8	1.5	1.1	1.3	1.4	1.3	1.7
21	6.5	7.6	8.0	7.3	3.5	1.7	1.3	1.1	1.4	1.0	8.6	1.7
22	6.4	7.6	8.0	7.3	2.9	1.7	1.9	1.0	1.4	1.7	1.5	2.3
23	6.4	7.4	8.0	7.3	2.8	1.7	2.2	1.0	1.4	1.1	1.3	2.8
24	6.4	7.3	8.0	7.1	5.3	1.8	1.6	1.0	1.3	1.1	1.3	2.9
25	6.4	7.4	7.7	6.9	3.2	5.5	1.4	1.0	1.3	1.0	1.3	2.9
26	6.4	7.3	7.3	6.8	2.9	2.2	1.6	.90	1.3	1.1	1.3	3.3
27	6.4	8.0	7.3	6.6	2.8	2.0	1.4	.90	1.4	1.3	1.3	3.4
28	6.4	7.4	7.3	6.8	2.7	2.0	1.2	1.0	1.3	1.4	1.3	3.4
29	6.5	7.3	7.1	6.9	---	2.6	1.1	1.0	1.3	1.2	1.3	3.4
30	12	7.3	6.9	7.0	---	2.1	1.2	1.0	1.3	1.1	1.4	3.4
31	6.4	---	6.9	6.9	---	2.0	---	1.3	---	1.1	1.4	---
TOTAL	170.4	214.6	233.9	236.8	158.6	78.8	51.7	36.80	45.0	36.4	152.9	61.7
MEAN	5.50	7.15	7.55	7.64	5.66	2.54	1.72	1.19	1.50	1.17	4.93	2.06
MAX	12	8.0	8.2	9.2	8.1	7.1	3.0	2.5	3.2	1.8	38	3.9
MIN	2.7	5.8	6.9	6.6	2.7	1.7	1.1	.90	1.0	1.0	1.3	1.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	MEAN	36.9	45.8	53.8	93.1	60.7	65.3	78.5	78.3	77.0	51.7	51.3	46.7
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	5.50	6.39	6.84	6.98	4.78	2.54	.80	.027	.17	1.17	.002	1.61	1.61
(WY)	1994	1989	1988	1992	1989	1994	1987	1987	1987	1994	1987	1987	1987

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1984 - 1994
ANNUAL TOTAL	8799.5	1477.60	
ANNUAL MEAN	24.1	4.05	44.2
HIGHEST ANNUAL MEAN			287
LOWEST ANNUAL MEAN			4.05
HIGHEST DAILY MEAN	430	38	439
LOWEST DAILY MEAN	2.7	.90	.00
ANNUAL SEVEN-DAY MINIMUM	2.8	.97	.00
INSTANTANEOUS PEAK FLOW		303	570
INSTANTANEOUS PEAK STAGE		4.57	5.45
10 PERCENT EXCEEDS	28	7.6	380
50 PERCENT EXCEEDS	7.3	2.7	9.2
90 PERCENT EXCEEDS	4.2	1.1	3.2

* Also occurred on May 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, 26.5°C, June 22 - 24, July 10 - 14, 16 - 21; minimum, 3.5°C, Jan. 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.5	16.5	17.5	15.0	13.0	14.5	12.5	11.0	12.0	9.0	7.0	7.5
2	18.5	17.0	17.5	14.5	13.5	14.0	13.0	10.5	11.5	10.5	8.5	9.5
3	19.5	18.0	19.0	15.5	13.5	14.5	13.5	11.0	12.5	11.0	9.5	10.0
4	20.5	19.0	20.0	17.0	15.5	16.0	15.5	13.0	14.0	10.0	8.0	9.5
5	20.5	19.0	20.0	17.5	17.0	17.0	15.5	13.5	14.5	9.5	6.5	8.0
6	20.0	19.0	19.5	---	---	---	14.0	11.5	13.0	10.0	6.5	8.0
7	19.5	19.0	19.0	---	---	---	13.0	10.5	12.0	12.0	8.0	10.0
8	20.5	19.0	20.0	---	---	---	13.0	10.5	12.0	11.5	9.0	10.5
9	22.0	20.0	21.0	---	---	---	13.5	10.5	12.0	9.0	6.5	8.0
10	23.0	21.5	22.0	16.5	13.0	14.0	13.0	11.5	12.5	8.5	5.5	7.0
11	22.5	19.0	20.5	15.5	11.5	13.5	13.0	10.0	12.0	10.0	7.0	8.5
12	19.5	18.0	18.5	15.5	12.0	13.5	11.0	8.0	9.5	11.0	9.5	10.5
13	19.5	17.5	18.5	17.5	14.0	15.5	10.5	8.5	9.5	10.5	9.5	10.0
14	19.5	19.0	19.0	19.0	16.0	17.5	11.0	9.5	10.0	10.5	8.0	9.5
15	20.5	19.0	19.5	20.0	17.0	18.5	11.0	10.0	10.5	8.5	6.0	7.5
16	20.0	19.5	20.0	20.0	17.5	18.5	12.0	9.0	10.5	6.0	4.0	5.5
17	21.0	19.5	20.0	19.5	18.0	19.0	12.5	9.5	11.0	8.0	5.5	6.5
18	21.5	19.5	20.5	19.0	17.0	18.0	12.5	10.0	11.0	9.0	6.0	7.5
19	22.5	20.5	21.5	17.0	15.0	16.5	12.5	10.5	11.5	6.5	3.5	5.0
20	22.5	21.5	22.0	17.0	14.5	16.0	11.0	9.0	10.0	6.5	4.0	5.0
21	23.0	21.5	22.0	14.5	12.0	13.5	12.0	9.5	10.5	7.5	4.5	5.5
22	22.5	20.0	21.5	15.5	12.5	13.5	10.0	8.5	9.0	8.0	4.0	6.0
23	20.5	18.5	19.0	15.5	13.0	14.5	10.0	7.5	9.0	7.5	4.5	6.0
24	19.0	18.0	18.5	16.0	13.5	14.5	9.0	8.0	8.5	9.5	5.5	7.5
25	19.5	18.5	19.0	15.5	13.0	14.0	9.0	7.0	8.0	10.0	6.5	8.0
26	19.5	19.0	19.0	14.5	13.5	14.0	9.0	6.0	7.5	10.5	8.5	9.5
27	19.5	18.0	19.0	15.0	14.5	15.0	10.0	6.5	8.0	9.5	9.0	9.0
28	19.5	18.0	19.0	15.0	13.0	14.0	11.0	8.5	9.5	11.5	8.5	10.0
29	18.0	16.0	17.0	13.5	11.0	12.5	11.0	10.0	10.5	11.5	10.0	11.0
30	18.0	16.5	17.5	13.0	10.5	12.0	10.0	7.5	9.0	10.5	10.0	10.0
31	18.0	15.0	16.5	---	---	---	9.0	5.5	7.5	10.0	8.5	9.0
MONTH	23.0	15.0	19.5	20.0	10.5	15.2	15.5	5.5	10.6	12.0	3.5	8.2

SAVANNAH RIVER BASIN

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'21'', long 81°43'26'', Barnwell County, Hydrologic Unit 03060106, on left downstream side of bridge on SRS Road A-12.2, 500 ft northwest of SRS Road A-13, 1.0 mi southeast of Area D, at Savannah River Site.

DRAINAGE AREA.--22.0 mi².

PERIOD OF RECORD.--November 1976 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above sea level (from topographic map). Prior to Oct. 1, 1990 at datum 1.0 ft higher.

REMARKS.--WATER YEAR 1993: Estimated daily discharges, Feb. 13 to Apr. 2, 28 - 30, May 4, 5, 26, July 6, Sept. 9, 10, 20. Records poor.

WATER YEAR 1994: Records good except for estimated daily discharges, Feb. 5, 21, Mar. 25 to June 7, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN VALUES MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	32	43	61	45	193	230	18	35	34	22	19
2	32	32	43	53	43	190	130	18	57	35	21	20
3	33	36	40	45	41	201	73	17	38	32	22	20
4	68	37	39	32	41	289	66	20	33	32	30	19
5	73	59	41	36	43	207	99	26	29	30	25	53
6	48	41	40	50	116	191	105	15	27	31	23	92
7	39	37	51	75	222	182	72	13	20	46	28	58
8	49	36	49	355	238	177	65	15	19	66	40	36
9	225	34	46	175	81	169	64	14	19	12	26	30
10	104	35	61	85	75	162	71	13	21	15	25	27
11	48	35	52	68	85	156	64	14	185	16	24	24
12	45	55	43	100	69	156	62	15	52	16	22	22
13	39	110	41	113	64	228	60	17	237	16	22	22
14	38	55	39	71	76	201	57	18	69	17	24	23
15	35	41	39	58	87	167	55	19	46	17	35	22
16	34	39	40	55	208	154	54	20	37	17	22	20
17	33	39	46	51	216	150	51	20	35	17	22	59
18	33	38	50	49	199	100	48	19	33	16	22	175
19	32	36	45	48	50	55	47	21	32	20	21	44
20	31	36	43	46	50	50	47	27	32	30	20	29
21	32	71	40	79	55	47	46	24	33	25	21	42
22	34	173	43	85	77	40	43	22	33	24	27	104
23	32	83	40	58	63	100	43	20	32	23	23	35
24	31	60	40	75	119	150	41	22	33	32	23	27
25	31	55	37	115	162	80	39	38	32	110	21	25
26	31	89	37	55	92	150	37	37	35	33	20	26
27	31	73	39	48	190	250	34	45	40	25	20	24
28	32	54	56	46	193	130	31	40	34	25	20	23
29	33	47	73	117	---	75	29	35	46	24	21	22
30	33	44	72	47	---	70	19	38	41	23	20	22
31	32	---	66	45	---	120	---	58	---	22	20	---
TOTAL	1423	1612	1434	2396	3000	4590	1882	738	1415	881	732	1164
MEAN	45.9	53.7	46.3	77.3	107	148	62.7	23.8	47.2	28.4	23.6	38.8
MAX	225	173	73	355	238	289	230	58	237	110	40	175
MIN	31	32	37	32	41	40	19	13	19	12	20	19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1993, BY WATER YEAR (WY)

MEAN	177	185	217	227	184	158	181	177	168	181	179	172
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 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1977 - 1993

ANNUAL TOTAL	16077	21267	126
ANNUAL MEAN	43.9	58.3	370
HIGHEST ANNUAL MEAN			20.4
LOWEST ANNUAL MEAN			1200
HIGHEST DAILY MEAN	323	Aug 20	355
LOWEST DAILY MEAN	20	* May 21	12
ANNUAL SEVEN-DAY MINIMUM	21	May 19	14
INSTANTANEOUS PEAK FLOW			477
INSTANTANEOUS PEAK STAGE			4.27
10 PERCENT EXCEEDS	68		138
50 PERCENT EXCEEDS	35		40
90 PERCENT EXCEEDS	26		20
			19

* Also occurred on May 22 - 25.

** Also occurred on July 9, 10, 1990.

SAVANNAH RIVER BASIN

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued												
DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	39	30	31	36	30	30	19	18	17	16	16
2	18	30	28	48	33	170	30	19	20	15	20	25
3	18	28	28	41	31	83	28	20	25	14	16	26
4	17	28	28	67	29	42	28	21	22	31	14	17
5	17	35	32	39	49	36	32	21	30	26	13	13
6	17	40	29	33	65	32	28	20	40	18	14	12
7	18	32	28	31	38	31	29	19	50	15	14	12
8	18	29	28	31	38	30	29	21	23	14	12	12
9	21	28	28	30	39	30	25	23	17	15	12	15
10	22	28	31	29	43	51	30	20	18	14	11	13
11	23	26	37	30	48	48	31	19	19	12	11	13
12	23	26	31	51	44	33	30	19	15	12	11	11
13	23	27	29	46	37	32	46	19	15	17	13	9.9
14	24	27	36	34	34	37	30	19	30	46	34	9.8
15	23	28	42	32	33	32	28	25	17	22	17	9.3
16	25	29	32	30	32	29	27	40	13	15	18	9.9
17	30	29	30	34	31	29	26	25	14	13	68	11
18	27	28	30	59	31	28	26	21	13	11	40	12
19	26	27	29	37	31	27	25	20	20	13	143	19
20	28	29	29	31	28	27	23	19	13	13	31	13
21	26	26	41	31	27	27	23	20	13	20	31	11
22	25	27	32	31	24	27	25	21	13	20	61	10
23	26	27	40	31	26	28	36	21	17	61	24	9.2
24	26	26	38	31	88	28	24	20	12	34	17	11
25	25	26	31	31	44	240	23	17	12	21	14	11
26	27	26	29	31	29	66	26	16	14	16	12	11
27	28	56	28	32	28	40	24	17	40	18	11	10
28	27	68	28	45	26	40	23	16	40	31	10	9.2
29	27	33	30	44	---	80	20	16	20	22	9.2	8.9
30	129	31	29	54	---	42	19	16	21	18	9.2	8.5
31	106	---	28	47	---	34	---	19	---	19	8.6	---
TOTAL	909	939	969	1172	1042	1509	824	628	634	633	735.0	378.7
MEAN	29.3	31.3	31.3	37.8	37.2	48.7	27.5	20.3	21.1	20.4	23.7	12.6
MAX	129	68	42	67	88	240	46	40	50	61	143	26
MIN	17	26	28	29	24	27	19	16	12	11	8.6	8.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1994, BY WATER YEAR (WY)

MEAN	167	176	207	217	175	151	172	168	160	172	169	163
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	12.6
(WY)	1988	1989	1989	1989	1989	1990	1990	1989	1990	1988	1988	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1977 - 1994

ANNUAL TOTAL	19615	10372.7	119	
ANNUAL MEAN	53.7	28.4	370	1984
HIGHEST ANNUAL MEAN			20.4	1988
LOWEST ANNUAL MEAN			1200	Aug 2 1991
HIGHEST DAILY MEAN	355	Jan 8	6.7	* Jul 8 1990
LOWEST DAILY MEAN	12	Jul 9	7.6	Jul 4 1990
ANNUAL SEVEN-DAY MINIMUM	14	May 6	Unknown	Aug 2 1991
INSTANTANEOUS PEAK FLOW			Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			6.72	Aug 2 1991
10 PERCENT EXCEEDS	129	42	415	
50 PERCENT EXCEEDS	32	27	64	
90 PERCENT EXCEEDS	19	13	18	

* Also occurred on July 9, 10, 1990.

SAVANNAH RIVER BASIN

021973443 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.

REMARKS.--Prior to 1993 water year published as station number 02197328.

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, 20.5°C, Oct. 1, 4; minimum, 7.5°C, Mar. 15, 16.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	13.0	11.0	11.5	11.0	9.5	10.0	6.5	5.5	6.0
2	---	---	---	12.0	10.5	11.0	11.0	9.0	10.0	9.5	6.5	7.5
3	---	---	---	12.5	11.0	11.5	12.0	10.0	11.0	10.0	9.0	9.5
4	---	---	---	15.0	12.5	13.5	15.0	12.0	12.5	10.0	8.5	9.5
5	---	---	---	16.5	15.0	15.5	15.0	14.5	15.0	8.5	6.5	7.0
6	---	---	---	17.5	16.5	17.0	15.0	12.5	13.5	8.0	6.0	7.0
7	---	---	---	17.5	14.0	15.0	13.0	10.5	11.5	10.5	7.0	8.0
8	---	---	---	14.5	12.0	12.5	11.5	9.5	10.5	11.0	10.5	10.5
9	---	---	---	12.5	12.0	12.0	11.0	9.5	10.0	10.5	7.0	8.0
10	---	---	---	13.5	12.0	12.5	11.0	10.0	10.5	7.5	5.5	6.0
11	---	---	---	13.5	11.0	12.0	11.0	10.0	10.5	8.0	6.0	7.0
12	---	---	---	12.5	10.5	11.5	10.5	7.5	8.5	11.0	8.0	9.5
13	---	---	---	15.5	12.5	13.5	8.5	6.5	7.0	11.0	10.0	10.0
14	17.5	16.0	17.0	18.0	15.5	16.0	8.5	7.5	8.0	10.5	9.0	9.5
15	19.0	17.0	17.5	19.5	17.5	18.0	9.0	8.5	9.0	9.5	6.0	7.5
16	19.0	18.5	18.5	19.5	18.5	19.0	10.0	8.0	8.5	6.5	3.5	4.5
17	20.0	18.5	19.0	20.0	19.0	19.5	10.0	8.5	9.0	6.5	3.5	4.5
18	21.0	18.5	19.5	20.5	18.5	19.0	10.5	9.0	9.5	7.0	6.0	6.5
19	21.5	20.0	20.5	18.5	15.5	16.5	11.0	10.0	10.0	7.0	3.5	4.5
20	22.0	21.0	21.5	16.5	15.0	15.5	10.5	8.5	9.0	6.5	4.0	5.5
21	23.0	21.5	22.0	15.0	12.0	13.0	10.0	8.5	9.0	6.5	4.5	6.0
22	23.5	20.0	21.5	13.0	11.0	12.0	9.5	8.0	8.5	5.5	4.0	4.5
23	20.0	17.0	18.0	13.0	11.5	12.5	8.0	6.5	7.0	5.5	4.0	5.0
24	17.5	16.5	17.0	13.5	12.0	13.0	7.5	6.0	6.5	8.0	5.0	6.0
25	18.0	17.0	17.5	14.0	12.5	13.0	7.0	5.5	6.0	9.0	6.5	7.5
26	18.5	17.5	18.0	13.5	13.0	13.5	7.0	5.5	6.0	11.0	8.5	9.5
27	19.0	17.5	18.0	14.5	13.5	14.0	7.5	5.5	6.5	11.0	10.5	10.5
28	19.0	17.0	17.5	14.5	13.0	13.5	9.0	7.0	7.5	13.0	10.0	11.0
29	17.0	14.0	15.0	13.0	10.5	11.5	10.5	9.0	9.5	13.0	12.5	12.5
30	16.5	14.5	15.0	11.5	9.5	10.5	10.5	8.0	9.0	12.5	11.0	11.5
31	16.5	13.0	14.5	---	---	---	8.5	6.0	6.5	11.0	9.5	10.0
MONTH	23.5	13.0	18.2	20.5	9.5	14.0	15.0	5.5	9.2	13.0	3.5	7.8

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.0	7.5	8.5	12.5	9.5	10.5	15.0	14.0	14.5	24.0	21.0	23.0
2	8.5	6.5	7.5	13.0	12.5	13.0	16.5	14.0	15.0	24.0	22.5	23.0
3	8.0	5.5	6.5	12.5	10.5	11.0	17.5	15.0	16.5	22.5	19.5	21.0
4	8.5	6.5	7.5	10.5	10.0	10.0	19.5	16.0	17.5	19.5	17.5	18.5
5	---	---	---	12.5	10.0	11.0	19.5	17.0	18.5	19.5	17.0	18.0
6	11.0	9.0	10.0	15.5	11.5	13.0	19.5	17.0	18.5	20.5	18.5	19.5
7	13.0	11.0	11.5	17.0	13.5	15.0	18.5	17.0	17.5	21.5	20.0	20.5
8	13.5	12.5	13.0	18.5	15.0	16.5	18.5	16.5	17.5	22.5	21.0	21.5
9	16.0	13.0	14.0	20.0	16.5	18.0	19.0	17.0	18.0	22.0	20.0	21.0
10	16.5	14.5	16.0	20.0	15.5	18.5	21.5	18.0	19.0	22.5	20.5	21.5
11	14.5	10.0	12.0	15.5	13.5	14.0	21.5	18.5	20.5	22.0	20.0	21.0
12	10.0	9.0	9.5	14.5	12.0	13.0	19.0	17.5	18.0	23.5	22.0	22.5
13	11.0	9.0	10.0	14.5	12.0	13.0	17.5	16.0	17.0	24.0	22.5	23.5
14	11.0	9.5	10.0	16.5	13.0	14.5	16.5	16.0	16.5	24.0	22.5	23.0
15	11.0	9.0	9.5	16.5	13.0	14.5	17.5	16.5	17.0	24.5	23.5	24.0
16	11.5	10.0	10.5	17.0	14.5	15.5	17.5	16.0	17.0	25.0	22.5	23.5
17	11.5	10.5	11.0	16.0	13.0	14.0	19.5	16.5	18.5	24.5	22.0	23.0
18	14.0	10.5	12.0	15.5	13.0	14.0	20.5	18.0	19.0	24.0	21.5	22.5
19	15.5	13.0	14.0	17.5	15.0	16.0	21.5	18.5	20.0	23.5	21.0	22.0
20	17.0	14.5	15.5	18.5	14.5	16.5	23.0	20.5	21.5	21.0	19.0	20.0
21	17.0	15.5	16.0	21.0	17.0	18.5	23.5	21.5	22.0	19.5	18.0	18.5
22	17.0	15.0	16.0	21.0	18.5	20.0	23.0	19.5	21.0	21.0	18.5	19.5
23	17.5	16.5	17.0	20.5	17.0	18.5	21.0	19.0	20.0	22.5	20.5	21.5
24	17.5	15.5	16.5	19.0	17.5	18.0	21.0	18.0	19.5	23.5	21.0	22.5
25	16.0	12.5	13.5	20.5	17.5	19.0	21.5	19.0	20.0	24.0	20.5	22.0
26	14.0	12.5	13.0	19.5	15.5	17.0	21.0	18.5	19.5	25.0	23.5	24.5
27	13.0	11.0	11.5	20.5	16.0	18.0	19.5	18.5	19.0	25.5	24.5	24.5
28	12.0	9.5	10.0	21.0	19.0	20.5	19.5	18.5	19.0	24.5	23.5	24.0
29	---	---	---	19.5	16.0	17.5	23.5	19.0	21.5	25.0	23.5	24.5
30	---	---	---	16.5	14.0	15.0	22.0	20.0	20.5	24.5	22.0	23.0
31	---	---	---	15.0	14.0	14.5	---	---	---	23.5	22.0	22.5
MONTH	17.5	5.5	11.9	21.0	9.5	15.4	23.5	14.0	18.6	25.5	17.0	21.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	25.0	23.0	24.0	20.5	19.0	20.0	---	---	---	24.0	23.0	23.5
2	26.5	25.0	25.5	21.0	20.0	20.5	26.0	25.0	25.5	24.0	23.5	23.5
3	27.5	26.0	26.5	21.0	20.5	21.0	26.5	25.0	25.5	23.5	22.0	23.0
4	28.0	26.0	27.0	21.0	20.5	20.5	25.5	24.5	25.0	22.5	21.5	22.0
5	27.0	26.0	26.5	21.5	21.0	21.0	25.0	24.0	24.5	22.0	21.0	21.5
6	27.0	25.5	26.0	21.5	21.0	21.5	25.0	23.5	24.5	21.5	21.0	21.5
7	26.0	24.0	25.0	21.5	20.5	21.0	25.0	24.0	24.5	22.5	21.5	22.0
8	26.0	24.5	25.0	21.0	20.5	21.0	25.5	24.0	24.5	23.0	22.0	22.5
9	26.5	24.5	25.5	21.0	20.5	21.0	25.0	24.0	24.5	23.5	22.5	23.0
10	25.5	24.0	24.5	21.0	20.5	21.0	25.5	24.5	24.5	23.5	23.0	23.5
11	27.0	24.5	25.5	---	---	---	25.0	23.5	24.5	24.0	22.5	23.5
12	27.0	26.0	26.5	---	---	---	25.5	24.0	24.5	24.5	23.5	24.0
13	27.5	26.0	26.5	---	---	---	25.5	24.0	25.0	---	---	---
14	28.0	25.5	27.0	---	---	---	26.0	24.5	25.0	---	---	---
15	27.5	25.5	26.5	---	---	---	26.5	25.0	25.5	---	---	---
16	28.0	26.5	27.5	---	---	---	25.5	24.0	24.5	---	---	---
17	27.5	25.5	26.5	---	---	---	24.5	23.0	23.5	---	---	---
18	27.5	25.5	26.5	---	---	---	23.0	21.5	22.5	---	---	---
19	26.5	24.0	25.5	---	---	---	22.0	21.0	21.5	---	---	---
20	28.0	24.5	26.0	---	---	---	22.5	21.5	22.0	---	---	---
21	28.5	27.0	27.5	---	---	---	22.5	22.0	22.0	---	---	---
22	28.5	24.5	26.5	---	---	---	22.5	22.0	22.5	---	---	---
23	27.5	23.5	25.5	---	---	---	23.0	22.0	22.5	---	---	---
24	28.0	26.5	27.0	---	---	---	23.0	22.5	22.5	---	---	---
25	27.5	26.0	26.5	---	---	---	22.5	22.0	22.5	---	---	---
26	26.5	25.0	25.5	---	---	---	22.5	22.0	22.5	---	---	---
27	25.5	23.5	24.5	---	---	---	23.0	22.0	22.5	---	---	---
28	25.0	22.5	23.0	---	---	---	23.5	22.5	23.0	---	---	---
29	25.0	21.0	22.5	---	---	---	23.5	23.0	23.0	---	---	---
30	21.0	20.0	20.5	---	---	---	24.0	23.0	23.5	---	---	---
31	---	---	---	---	---	---	24.0	23.0	23.5	---	---	---
MONTH	28.5	20.0	25.6	21.5	19.0	20.8	26.5	21.0	23.7	24.5	21.0	22.8
YEAR	28.5	3.5	17.0									

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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Jan. 27, 28, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	37	39	39	35	36	31	31	33	55	31	28
2	24	37	39	39	35	35	31	31	33	55	30	29
3	24	37	39	40	35	33	31	31	33	55	30	28
4	27	37	39	40	35	33	31	31	33	53	30	28
5	31	37	39	42	35	33	31	31	34	51	33	28
6	32	37	39	42	35	33	31	31	36	49	30	28
7	31	34	39	40	35	32	31	31	37	47	30	28
8	32	34	39	39	35	31	31	31	36	47	29	28
9	34	36	39	37	35	32	31	30	35	47	28	28
10	35	35	39	37	35	32	31	30	35	47	32	29
11	33	33	36	37	35	31	30	30	35	46	39	30
12	34	34	37	41	35	32	30	28	35	46	39	30
13	35	36	38	40	35	33	30	28	35	43	40	30
14	35	37	39	41	35	35	30	30	36	42	38	30
15	35	37	39	37	35	35	30	31	39	42	37	30
16	35	38	39	37	35	35	30	33	39	38	37	30
17	34	36	39	38	34	35	30	31	41	37	37	30
18	37	35	39	37	33	35	30	31	44	37	36	30
19	40	36	39	37	33	35	30	31	44	34	33	30
20	41	38	39	37	33	35	30	32	44	33	32	30
21	42	39	39	37	33	34	29	33	44	33	32	30
22	41	39	39	37	33	33	28	32	48	33	31	30
23	42	38	39	37	35	33	28	31	64	33	30	30
24	42	35	39	37	35	34	28	31	64	33	30	30
25	40	38	39	37	35	34	29	32	59	33	30	30
26	37	39	39	37	35	32	31	33	57	33	31	31
27	37	40	39	37	35	32	31	33	59	35	31	31
28	37	39	39	36	35	33	31	33	56	35	31	31
29	37	38	39	35	---	33	31	33	58	33	31	31
30	39	39	39	35	---	33	31	33	56	33	30	31
31	37	---	39	35	---	33	---	33	---	33	28	---
TOTAL	1083	1105	1203	1177	969	1035	907	970	1302	1271	1006	887
MEAN	34.9	36.8	38.8	38.0	34.6	33.4	30.2	31.3	43.4	41.0	32.5	29.6
MAX	42	40	39	42	35	36	31	33	64	55	40	31
MIN	23	33	36	35	33	31	28	28	33	33	28	28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	201	201	186	167	174	241	228	203	207	220	188	181
MEAN	201	201	186	167	174	241	228	203	207	220	188	181
MAX	444	472	449	417	426	454	456	457	433	458	467	463
(WY)	1987	1987	1986	1988	1988	1988	1987	1987	1986	1987	1987	1984
MIN	.21	.21	6.40	11.0	32.6	33.4	30.2	27.7	16.5	20.8	26.9	.28
(WY)	1993	1993	1993	1993	1990	1994	1994	1993	1993	1993	1988	1992

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	11407.64	12915	184
ANNUAL MEAN	31.3	35.4	372
HIGHEST ANNUAL MEAN			22.5
LOWEST ANNUAL MEAN			497
HIGHEST DAILY MEAN	79	Mar 16	497
LOWEST DAILY MEAN	.24	Jan 1	.20
ANNUAL SEVEN-DAY MINIMUM	1.7	Jan 9	.20
INSTANTANEOUS PEAK FLOW			554
INSTANTANEOUS PEAK STAGE			3.45
10 PERCENT EXCEEDS	49	41	466
50 PERCENT EXCEEDS	33	35	86
90 PERCENT EXCEEDS	11	30	28

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 5.0°C, Feb. 4, 1993.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 27.0°C, July 17; minimum, 5.5°C, Jan. 19 - 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.0	20.5	22.0	17.0	15.0	16.0	14.0	12.5	13.0	9.5	8.5	9.0
2	23.0	20.5	22.0	16.0	14.5	15.5	14.0	12.5	13.0	10.5	8.5	9.5
3	23.0	20.5	22.0	16.0	14.0	15.0	14.0	12.0	13.0	10.0	9.0	9.5
4	23.0	20.5	22.0	16.5	14.5	15.5	14.5	13.0	14.0	9.5	8.5	9.0
5	22.0	20.0	21.5	16.5	15.5	16.0	14.5	13.5	14.0	9.5	8.5	9.0
6	22.0	21.0	21.5	17.5	15.5	16.5	14.5	13.0	14.0	10.0	8.0	9.0
7	21.5	20.5	21.0	17.0	15.0	16.0	14.5	12.5	13.5	10.5	8.5	9.5
8	21.5	20.5	21.0	16.5	15.0	15.5	14.5	13.0	13.5	10.0	8.5	9.5
9	22.0	20.5	21.5	16.0	15.0	15.5	14.5	12.5	13.5	9.5	8.0	9.0
10	22.5	21.0	21.5	16.5	14.5	15.5	13.5	13.0	13.5	9.5	8.0	8.5
11	21.5	20.5	21.0	16.0	14.0	15.0	13.5	12.0	12.5	10.0	8.0	9.0
12	21.5	19.5	20.5	16.0	14.0	15.0	12.5	11.5	12.0	10.0	9.0	9.5
13	21.0	19.0	20.5	17.0	14.5	15.5	12.5	11.0	11.5	10.0	9.0	9.5
14	20.5	20.0	20.0	17.5	15.5	16.5	12.0	11.0	11.5	10.0	8.5	9.5
15	20.5	19.5	20.0	18.5	16.5	17.0	11.5	10.5	11.0	9.0	7.5	8.5
16	20.0	19.5	20.0	19.0	17.0	18.0	12.0	10.5	11.0	8.0	6.5	7.5
17	20.5	19.5	20.0	19.5	17.5	18.5	12.0	10.5	11.0	8.5	7.0	7.5
18	21.5	19.0	20.5	19.5	17.5	18.5	12.5	10.5	11.5	8.0	6.0	7.0
19	22.0	20.0	21.0	19.0	17.5	18.0	12.5	11.0	11.5	7.0	5.5	6.0
20	22.0	21.0	21.5	18.5	16.5	17.5	11.5	11.0	11.0	7.0	5.5	6.0
21	22.5	21.0	22.0	17.5	15.5	16.5	11.5	10.5	11.0	7.0	5.5	6.0
22	22.0	20.5	21.5	17.0	15.5	16.0	11.5	10.5	11.0	7.5	5.5	6.5
23	21.0	20.0	20.5	16.5	15.0	15.5	11.0	10.0	10.5	8.0	5.5	6.5
24	20.5	20.0	20.0	16.5	14.5	15.5	10.5	9.5	10.0	8.5	6.5	7.0
25	20.0	19.5	20.0	15.5	14.0	15.0	10.0	8.5	9.5	9.0	6.5	7.5
26	20.0	19.0	19.5	15.0	14.5	15.0	9.5	8.0	9.0	9.0	7.5	8.5
27	20.5	18.0	19.5	15.5	14.5	15.0	10.0	8.0	9.0	---	---	---
28	20.0	18.5	19.0	15.0	13.5	14.5	10.0	8.5	9.0	---	---	---
29	19.5	18.0	18.5	15.0	13.0	14.0	10.0	9.0	9.5	10.0	9.5	10.0
30	19.0	18.0	18.5	14.5	12.5	13.5	9.5	8.5	9.0	10.0	9.5	9.5
31	18.0	16.0	17.0	---	---	---	10.0	8.5	9.0	10.0	9.0	9.5
MONTH	23.0	16.0	20.5	19.5	12.5	15.9	14.5	8.0	11.5	10.5	5.5	8.4

SAVANNAH RIVER BASIN

02197345 K-011, AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	8.5	8.5	12.5	11.5	12.0	17.0	14.5	15.5	21.5	19.5	20.5
2	9.0	7.5	8.5	12.5	11.5	12.0	17.5	14.0	15.5	21.0	19.5	20.0
3	9.5	7.0	8.0	12.5	11.0	11.5	17.0	14.5	15.5	20.0	19.0	19.5
4	9.5	7.5	8.5	13.0	10.5	11.5	17.5	15.0	16.0	19.5	18.0	19.0
5	9.0	8.0	8.5	13.0	11.0	12.0	18.0	15.0	16.5	19.5	17.5	18.5
6	9.5	8.5	9.0	13.5	11.0	12.0	18.5	16.0	17.0	20.0	16.5	18.5
7	11.0	9.0	10.0	14.5	11.5	13.0	18.5	16.0	17.0	20.0	17.0	18.5
8	11.0	9.5	10.0	15.5	12.5	14.0	18.0	15.5	16.5	20.0	18.0	18.5
9	12.5	10.0	11.0	15.5	13.5	14.5	18.0	16.0	17.0	21.0	18.0	19.0
10	12.0	10.5	11.5	16.5	14.0	15.5	18.5	16.0	17.0	21.0	19.0	19.5
11	11.0	9.5	10.5	15.5	13.5	14.5	19.0	16.5	17.5	21.5	18.5	20.0
12	11.0	10.0	10.5	15.0	13.0	14.0	19.0	17.0	18.0	22.0	19.0	20.5
13	11.0	10.0	10.5	14.5	13.0	13.5	19.0	17.5	18.0	22.0	19.5	20.5
14	11.0	9.0	10.0	14.5	12.5	13.5	19.5	16.5	18.0	22.5	19.5	21.0
15	11.0	8.5	10.0	15.0	12.5	13.5	19.0	17.0	18.0	22.0	20.5	21.0
16	11.0	9.5	10.0	15.0	13.0	13.5	19.0	17.0	17.5	23.5	20.5	22.0
17	11.0	9.0	10.0	15.0	12.0	13.5	19.0	15.5	17.0	23.5	20.5	21.5
18	12.0	10.0	10.5	15.0	12.5	13.5	19.0	15.5	17.0	23.0	20.5	21.5
19	12.5	10.5	11.5	15.5	13.0	14.0	20.0	16.5	18.0	22.0	20.0	21.0
20	13.5	11.5	12.5	16.0	13.0	14.0	20.5	17.0	18.5	21.0	19.0	20.0
21	14.0	12.0	13.0	16.5	14.0	15.0	20.5	18.0	19.0	21.0	18.5	20.0
22	14.5	12.5	13.5	17.0	15.0	15.5	20.0	18.5	19.0	21.5	18.5	20.0
23	14.5	13.5	14.0	17.0	14.5	16.0	20.0	18.0	19.0	22.0	18.5	20.5
24	14.5	13.0	14.0	17.5	16.0	16.5	20.5	17.0	18.5	22.5	19.5	21.0
25	14.5	12.5	13.5	18.5	16.0	17.0	20.5	17.5	19.0	22.5	20.0	21.0
26	14.0	12.0	13.0	17.5	15.0	16.5	21.5	18.0	19.5	23.0	20.5	21.5
27	13.0	11.0	12.0	18.5	16.0	17.0	21.5	18.5	20.0	23.0	21.0	21.5
28	12.0	11.0	11.5	17.5	17.0	17.5	21.5	18.5	20.0	23.0	20.0	21.5
29	---	---	---	18.0	16.0	17.0	21.0	18.5	19.5	23.5	21.0	22.0
30	---	---	---	18.0	15.5	16.5	21.0	18.5	20.0	22.0	21.0	21.5
31	---	---	---	17.5	15.0	16.0	---	---	---	23.0	21.5	22.0
MONTH	14.5	7.0	10.9	18.5	10.5	14.4	21.5	14.0	17.8	23.5	16.5	20.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.5	21.0	22.5	24.5	22.0	23.0	25.5	24.5	25.0	26.0	24.0	25.0
2	24.0	21.5	22.5	24.0	22.0	22.5	25.5	24.0	25.0	25.0	24.0	24.5
3	24.0	21.5	23.0	24.0	21.5	22.5	26.0	24.5	25.0	24.0	23.5	24.0
4	24.0	22.0	23.0	23.0	21.5	22.0	26.5	24.5	25.5	24.0	23.0	23.5
5	25.0	22.5	23.5	23.5	21.5	22.5	26.0	25.0	25.5	24.0	22.5	23.5
6	24.0	22.5	23.5	24.5	21.5	23.0	25.5	24.5	25.0	23.5	22.5	23.0
7	25.0	23.0	23.5	25.0	22.0	23.0	25.5	24.5	25.0	24.0	22.5	23.5
8	25.0	23.0	24.0	24.5	21.5	23.0	25.5	24.0	24.5	24.0	23.0	23.5
9	24.5	23.0	23.5	24.5	21.5	23.0	25.5	24.0	24.5	24.0	23.0	23.5
10	24.5	23.0	23.5	24.0	22.0	23.0	25.5	24.0	24.5	24.0	23.5	24.0
11	24.5	22.5	23.5	24.0	22.5	23.5	25.5	24.5	25.0	25.0	23.0	24.0
12	24.5	22.5	23.5	25.0	23.0	24.0	25.5	24.5	25.0	25.0	23.5	24.0
13	25.0	22.5	23.5	25.5	23.5	24.5	25.0	24.5	25.0	25.0	23.5	24.5
14	25.5	23.0	24.0	26.0	24.0	25.0	26.0	24.5	25.0	25.5	23.5	24.5
15	26.0	23.5	24.5	26.5	24.5	25.0	26.0	24.5	25.0	25.5	23.5	24.5
16	25.5	24.0	24.5	26.0	25.0	25.5	25.5	24.5	25.0	25.5	24.0	24.5
17	26.0	23.5	24.5	27.0	24.5	25.5	25.5	24.5	25.0	25.0	24.0	24.5
18	24.5	23.0	24.0	26.5	24.5	25.5	25.5	24.5	25.0	24.5	24.0	24.5
19	25.5	22.5	24.5	26.0	24.0	25.0	25.0	24.0	24.5	25.0	23.0	24.0
20	26.0	23.5	24.5	25.5	24.5	25.0	25.0	23.5	24.5	23.5	22.5	23.0
21	26.5	24.0	25.0	25.0	24.0	24.5	24.5	23.5	24.0	23.5	22.5	23.0
22	26.0	24.0	25.0	25.0	24.0	24.5	24.5	23.5	24.0	23.5	22.0	23.0
23	26.5	24.0	25.0	24.5	23.5	24.0	24.5	23.0	24.0	23.5	21.5	23.0
24	25.5	23.5	24.5	25.0	24.0	24.5	24.5	23.5	24.0	24.0	22.5	23.0
25	25.0	23.5	24.0	25.5	24.0	24.5	24.5	23.0	23.5	24.0	23.0	23.5
26	24.5	23.0	24.0	25.0	24.0	24.5	24.5	23.0	24.0	24.0	22.5	23.5
27	24.0	23.0	23.5	25.0	24.0	24.5	25.0	23.0	24.0	24.0	21.5	23.0
28	25.0	23.0	24.0	25.0	24.0	24.5	25.0	23.5	24.0	23.5	22.5	23.0
29	24.5	22.5	23.5	25.5	24.5	25.0	25.0	23.5	24.0	24.0	22.5	23.0
30	25.0	22.5	23.5	25.0	24.0	24.5	25.5	23.5	24.5	23.5	22.0	23.0
31	---	---	---	25.5	24.0	24.5	25.5	24.0	25.0	---	---	---
MONTH	26.5	21.0	23.8	27.0	21.5	24.0	26.5	23.0	24.6	26.0	21.5	23.7
YEAR	27.0	5.5	18.1									

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 sea level (from topographic map).

REMARKS.--Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.98	1.1	1.4	1.5	1.5	1.9	1.2	1.0	.64	1.1	1.0	1.1
2	.94	1.1	1.1	1.7	1.4	4.7	1.1	1.0	.81	.98	1.0	5.6
3	.99	1.1	1.0	1.9	1.4	2.0	1.1	1.1	1.1	.98	.95	1.9
4	.93	1.1	1.0	2.0	1.3	1.6	1.1	1.1	1.2	1.2	.93	1.4
5	.93	1.5	1.2	1.5	2.2	1.5	1.1	1.1	1.2	1.1	.90	1.2
6	.93	1.3	1.1	1.4	1.7	1.5	1.1	1.1	1.4	1.0	.89	1.1
7	.97	1.2	1.0	1.4	1.5	1.4	1.2	1.1	1.6	.94	.89	1.1
8	.95	1.2	1.1	1.4	1.7	1.5	1.1	1.1	1.4	.93	.89	1.1
9	.94	1.4	1.1	1.4	1.6	1.4	1.1	1.1	1.3	.93	.89	1.2
10	.98	1.6	1.2	1.3	1.7	2.2	1.1	1.1	1.3	.92	.89	1.2
11	.99	1.7	1.2	1.4	1.6	1.6	1.1	1.1	1.3	.89	.89	1.2
12	.95	1.7	1.1	2.0	1.5	1.5	1.1	1.1	1.3	.89	.89	1.1
13	.93	1.7	1.1	1.5	1.5	1.4	1.3	1.1	1.3	1.2	1.1	1.1
14	.93	1.9	1.4	1.5	1.4	1.7	1.1	1.1	1.5	1.1	1.3	1.1
15	.99	1.8	1.3	1.4	1.4	1.4	1.0	1.1	1.5	.94	1.0	1.1
16	1.0	1.9	1.2	1.4	1.4	1.2	1.0	1.6	1.4	.90	1.4	1.1
17	1.1	2.0	1.3	1.7	1.4	1.1	1.0	1.2	1.3	.86	1.7	1.2
18	.99	1.9	1.3	1.8	1.4	1.1	1.0	1.2	1.3	.86	1.5	1.4
19	.98	1.9	1.3	1.5	1.3	1.1	1.0	1.2	1.3	.89	1.5	1.5
20	.98	1.9	1.1	1.5	1.2	1.1	1.0	1.2	1.3	.90	1.2	1.3
21	1.0	1.8	1.4	1.5	1.2	1.1	1.0	1.2	1.2	.95	1.9	1.3
22	1.1	1.8	1.3	1.5	1.2	1.1	1.1	1.2	2.2	1.0	1.5	1.3
23	1.2	1.8	1.5	1.5	1.5	1.1	1.2	1.3	2.2	1.2	1.1	1.2
24	1.2	1.8	1.4	1.5	3.1	1.5	1.0	1.2	1.5	1.0	1.1	1.5
25	1.2	1.8	1.3	1.5	1.8	4.0	1.0	1.3	1.3	.94	1.0	1.4
26	1.3	1.7	1.3	1.5	1.6	1.4	1.0	1.3	1.3	.93	1.0	1.3
27	1.3	3.2	1.3	1.9	1.5	1.2	.99	1.3	4.0	1.1	.98	1.3
28	1.3	1.6	1.5	1.5	1.5	1.3	1.0	1.3	1.4	1.4	.98	1.3
29	1.4	5.4	1.3	1.9	---	2.1	1.0	1.9	1.2	1.1	.98	1.2
30	4.0	1.6	1.3	4.3	---	1.3	1.0	1.7	1.2	1.0	.98	1.2
31	1.3	---	1.4	1.6	---	1.2	---	1.3	---	1.0	.99	---
TOTAL	35.68	53.5	38.5	51.4	43.5	50.2	32.09	37.7	42.95	31.13	34.22	42.0
MEAN	1.15	1.78	1.24	1.66	1.55	1.62	1.07	1.22	1.43	1.00	1.10	1.40
MAX	4.0	5.4	1.5	4.3	3.1	4.7	1.3	1.9	4.0	1.4	1.9	5.6
MIN	.93	1.1	1.0	1.3	1.2	1.1	.99	1.0	.64	.86	.89	1.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1994, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	1.50	1.42	1.40	1.76	1.31	1.61	1.13	.82
MAX	3.25	4.05	5.54	4.89	3.06	3.60	2.92	1.65
(WY)	1993	1993	1993	1993	1993	1992	1992	1992
MIN	.35	.33	.30	.38	.44	.47	.52	.29
(WY)	1989	1991	1991	1989	1989	1990	1990	1988

SUMMARY STATISTICS FOR 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1987 - 1994

	1993	1994	1987-1994
ANNUAL TOTAL	702.17	492.87	
ANNUAL MEAN	1.92	1.35	1.34
HIGHEST ANNUAL MEAN			2.65
LOWEST ANNUAL MEAN			.50
HIGHEST DAILY MEAN	16 Jan 8	5.6 Sep 2	40 Oct 12 1990
LOWEST DAILY MEAN	.75 Aug 2	.64 Jun 1	.07 * Jun 11 1987
ANNUAL SEVEN-DAY MINIMUM	.77 Jul 25	.89 Aug 6	.09 Jun 7 1987
INSTANTANEOUS PEAK FLOW		44 Sep 2	Unknown Oct 12 1990
INSTANTANEOUS PEAK STAGE		3.82 Sep 2	5.90 Oct 12 1990
10 PERCENT EXCEEDS	3.4	1.8	2.8
50 PERCENT EXCEEDS	1.3	1.2	.82
90 PERCENT EXCEEDS	.88	.96	.29

* 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, 30.5°C, June 11, 1993; minimum, 2.5°C, Jan. 19 - 22, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, July 19; minimum, 2.5°C, Jan. 19 - 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.5	15.0	17.0	12.0	10.0	11.0	10.0	8.0	9.0	5.5	4.0	5.0
2	19.5	15.0	17.0	11.5	9.0	10.0	10.5	8.0	9.0	7.5	5.5	6.5
3	20.5	16.5	18.0	12.0	9.5	10.5	11.0	8.5	10.0	8.5	7.0	8.0
4	21.0	17.5	19.0	14.0	11.0	12.5	14.0	10.5	12.0	8.5	7.0	8.0
5	20.0	17.0	18.5	15.0	14.0	14.5	14.0	12.0	13.0	7.5	5.5	6.5
6	19.0	17.5	18.0	16.5	14.0	15.5	13.0	10.5	11.5	7.0	4.5	5.5
7	19.0	17.5	18.0	14.0	11.5	13.0	11.5	9.5	10.5	8.5	5.5	7.0
8	20.5	18.0	19.0	12.3	10.6	11.3	11.0	8.5	9.5	9.0	7.0	8.0
9	21.5	18.0	19.5	11.5	10.9	11.1	10.5	8.0	9.0	7.0	5.0	6.0
10	22.0	19.5	20.5	12.8	10.8	11.5	10.0	8.5	9.5	6.0	4.0	5.0
11	20.5	17.0	18.0	12.0	9.5	10.5	10.0	8.0	9.5	7.0	4.5	6.0
12	18.0	15.5	16.5	12.0	9.0	10.5	8.5	6.5	7.5	9.5	7.0	8.5
13	17.5	14.5	16.0	14.5	11.0	12.5	6.5	5.5	6.5	9.0	8.5	9.0
14	17.0	15.5	16.5	16.0	13.5	14.5	7.5	6.5	7.0	9.0	7.5	8.0
15	18.5	16.0	17.0	17.5	15.0	16.5	8.0	7.0	7.5	7.5	4.5	6.0
16	18.0	17.0	17.5	18.5	16.0	17.0	9.0	6.5	7.5	4.5	3.0	4.0
17	19.0	17.5	18.0	19.0	17.0	18.0	9.0	6.5	7.5	6.0	3.5	4.5
18	20.5	16.0	18.5	18.5	16.0	17.5	9.0	7.0	8.0	6.5	4.0	5.0
19	21.5	17.5	19.5	16.0	14.0	15.5	9.5	7.5	8.5	4.5	2.5	3.5
20	22.0	19.0	20.5	15.5	13.0	14.5	8.0	6.5	7.5	4.5	2.5	3.5
21	22.5	19.0	21.0	13.0	11.0	12.0	8.5	7.0	8.0	5.0	2.5	3.5
22	21.5	18.0	19.5	13.0	10.5	11.5	7.5	6.5	7.0	5.5	2.5	3.5
23	18.0	16.5	17.0	13.0	10.5	12.0	7.0	5.5	6.0	5.5	3.0	4.0
24	17.5	16.0	16.5	13.5	10.5	12.0	6.0	5.0	5.5	6.5	3.5	5.0
25	17.5	16.0	17.0	12.5	10.5	11.5	6.0	4.5	5.0	7.5	4.5	6.0
26	18.0	16.5	17.0	13.0	11.5	12.0	5.5	3.5	4.5	9.5	6.5	8.0
27	18.5	15.0	17.0	13.5	12.5	13.5	6.5	4.0	5.0	---	---	---
28	17.5	15.0	16.5	13.5	11.5	12.5	7.5	5.0	6.0	---	---	---
29	15.0	13.0	14.0	11.5	9.5	10.5	8.5	7.0	8.0	---	---	---
30	15.0	13.5	14.0	10.5	8.5	9.5	7.5	5.0	6.5	---	---	---
31	15.0	11.5	13.5	---	---	---	6.0	4.0	5.0	---	---	---
MONTH	22.5	11.5	17.6	19.0	8.5	12.8	14.0	3.5	8.0	9.5	2.5	5.9

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.0	6.0	7.0	11.5	8.5	10.0	17.0	13.0	15.0	24.0	20.5	22.5
2	7.5	5.0	6.0	12.5	11.5	12.0	17.0	12.5	14.5	22.5	20.5	21.5
3	7.0	4.0	5.5	13.0	10.0	11.5	17.5	13.0	15.0	21.0	18.5	19.5
4	8.0	4.5	6.0	14.0	9.0	11.5	19.0	14.5	16.5	18.5	17.0	17.5
5	8.0	6.0	7.0	15.5	11.0	13.0	19.0	15.0	17.0	19.5	16.0	17.5
6	10.0	8.0	9.0	15.5	11.0	13.0	19.5	17.0	18.0	21.0	16.0	18.5
7	12.5	9.0	10.5	16.5	12.0	14.0	20.0	16.5	18.0	21.5	17.0	19.0
8	13.0	10.5	11.5	17.5	13.0	15.0	19.0	15.0	17.0	21.5	18.5	20.0
9	15.5	11.0	13.0	18.0	15.0	16.5	18.5	15.5	17.0	22.0	18.0	20.0
10	14.5	11.0	13.5	18.5	15.0	17.0	20.5	16.0	18.0	21.0	18.5	20.0
11	11.0	9.0	10.0	15.5	12.0	13.5	21.5	17.0	19.5	22.5	18.0	20.0
12	9.0	8.0	8.5	14.5	10.0	12.0	21.0	18.5	20.0	23.5	19.0	21.0
13	11.0	8.5	9.5	13.5	10.0	12.0	21.0	18.5	20.0	23.5	20.0	21.5
14	11.0	7.0	9.0	15.5	11.5	13.0	22.0	17.5	20.0	24.0	20.0	22.0
15	11.0	6.5	8.5	16.0	11.0	13.5	22.0	18.5	20.0	23.0	21.0	22.0
16	11.5	8.5	10.0	16.0	12.0	14.0	22.5	19.0	20.5	25.0	20.5	22.5
17	11.0	8.0	9.5	15.0	10.5	12.5	21.0	17.0	19.0	24.5	20.0	22.0
18	13.5	9.5	11.5	15.5	10.5	13.0	20.5	16.0	18.5	23.0	19.5	21.5
19	15.0	10.5	13.0	17.0	12.5	14.5	21.5	16.5	19.0	21.5	19.0	20.5
20	16.5	12.5	14.5	17.5	12.5	15.0	22.5	17.5	20.0	19.5	18.0	19.0
21	16.5	13.0	15.0	18.5	15.0	16.5	22.0	18.5	20.5	20.5	16.5	18.5
22	16.5	13.0	14.5	20.0	16.0	17.5	21.0	19.0	20.0	22.0	17.0	19.0
23	16.5	14.5	15.5	18.0	14.5	16.5	20.5	17.5	19.0	23.0	18.0	20.0
24	16.5	13.5	15.0	18.0	16.0	17.0	21.0	16.0	18.5	24.0	19.0	21.5
25	15.0	11.0	12.5	19.5	16.5	18.0	21.5	17.0	19.0	24.5	20.5	22.5
26	14.0	10.5	11.5	19.5	16.0	17.5	23.0	18.0	20.5	24.5	21.5	23.0
27	12.0	8.5	10.0	20.5	16.5	18.5	24.0	19.0	21.5	24.0	22.5	23.0
28	9.5	8.0	8.5	19.5	17.5	19.0	24.5	20.0	22.0	23.0	21.0	22.0
29	---	---	---	18.5	15.5	17.0	24.0	20.0	22.0	24.5	21.5	22.5
30	---	---	---	18.0	14.0	15.5	23.5	20.0	21.5	---	---	---
31	---	---	---	18.0	14.0	15.5	---	---	---	---	---	---
MONTH	16.5	4.0	10.6	20.5	8.5	14.7	24.5	12.5	18.9	25.0	16.0	20.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.0	20.0	21.5	26.5	20.5	24.0	25.5	21.0	23.0	27.0	22.0	24.5
2	26.0	21.5	23.5	26.5	21.5	24.5	26.5	20.5	23.5	25.0	21.0	23.0
3	27.5	23.0	25.5	27.0	22.0	24.5	27.5	21.5	24.5	21.0	19.5	20.0
4	26.5	24.0	25.0	24.5	22.0	23.0	27.5	22.5	25.0	22.5	18.5	20.5
5	27.5	23.5	25.5	24.0	21.0	22.5	27.0	23.0	25.0	23.0	20.0	21.5
6	25.5	23.5	24.5	27.0	21.0	24.0	25.0	22.5	23.5	---	---	---
7	25.0	22.5	23.5	27.5	22.0	25.0	26.0	21.5	23.5	---	---	---
8	26.5	22.5	24.5	26.5	22.0	24.5	25.5	21.0	23.5	24.0	20.5	22.0
9	25.0	22.5	24.0	28.0	22.0	25.0	25.0	21.0	23.5	23.0	20.0	21.5
10	25.0	22.0	23.5	28.0	22.5	26.0	25.5	21.5	23.5	22.5	20.5	21.5
11	26.5	21.5	24.0	28.0	23.5	26.0	26.0	22.0	24.0	24.5	19.0	22.0
12	27.0	23.0	25.0	28.5	23.5	26.0	26.0	22.5	24.5	24.5	20.0	22.5
13	27.5	22.0	25.0	28.0	23.0	25.5	25.0	23.0	24.0	24.5	20.5	23.0
14	27.0	23.0	25.0	27.5	22.5	25.0	26.5	21.5	23.5	24.5	20.0	22.5
15	27.5	22.5	25.0	28.5	23.0	26.0	26.0	22.5	24.0	24.0	20.5	22.5
16	27.0	22.5	24.5	29.0	24.0	26.5	24.0	21.0	22.0	24.0	21.0	22.5
17	27.0	22.5	25.0	29.0	24.0	26.5	25.0	19.5	22.5	24.5	21.5	23.0
18	25.0	22.5	24.0	28.5	24.5	26.5	23.5	21.5	22.5	23.0	21.0	21.5
19	26.5	21.0	24.0	29.5	22.5	26.0	23.0	20.0	21.5	23.5	19.0	21.5
20	27.0	22.0	25.0	28.0	23.5	25.5	24.5	20.0	22.5	21.0	19.0	20.5
21	28.0	23.0	25.5	27.5	22.5	24.5	24.5	20.5	22.5	22.0	19.5	20.5
22	27.5	24.0	26.0	26.5	22.5	24.0	25.0	20.0	22.5	22.0	19.0	20.5
23	26.5	21.5	24.0	26.5	21.0	23.0	25.0	20.5	23.0	21.5	18.5	20.0
24	27.0	23.5	25.0	27.0	21.5	24.0	25.0	20.5	23.0	23.0	19.0	21.0
25	26.0	24.0	24.5	27.5	21.5	24.5	25.0	20.5	23.0	23.0	20.5	22.0
26	25.0	22.0	23.5	26.5	22.5	24.5	25.0	20.5	23.0	---	---	---
27	24.0	20.0	22.0	25.5	22.5	23.5	25.0	20.0	23.0	---	---	---
28	24.5	19.0	21.0	22.5	20.5	21.0	25.0	21.0	23.5	22.0	19.5	21.0
29	24.5	20.5	22.0	25.5	20.5	22.5	25.5	21.5	24.0	22.0	19.0	21.0
30	25.0	20.0	22.0	24.0	21.0	22.5	26.5	22.0	24.5	21.5	19.0	20.5
31	---	---	---	25.5	20.5	22.5	26.5	23.0	25.0	---	---	---
MONTH	28.0	19.0	24.1	29.5	20.5	24.5	27.5	19.5	23.4	27.0	18.5	21.6
YEAR	29.5	2.5	17.0									

SAVANNAH RIVER BASIN

021973457 INDIAN GRAVE BRANCH AT ROAD B AT SAVANNAH RIVER SITE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°12'31'', long 81°43'07'', Barnwell County, Hydrologic Unit 03060106, on right upstream side of bank, at end of steel walkway on Indian Grave Branch at K-011 outfall, at Road B at Savannah River Site.

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: January 1992 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 27.5°C, July 15 - 17, 19, Aug. 3, 4, 1994; minimum, 5.0°C, Jan. 19 - 22, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 27.5°C, July 15 - 17, 19, Aug. 3, 4; minimum, 5.0°C, Jan. 19 - 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.0	19.0	20.5	16.5	14.5	15.5	14.0	12.0	13.0	9.5	8.0	9.0
2	23.0	19.0	21.0	16.0	14.0	15.0	14.0	12.5	13.0	10.5	8.5	9.5
3	23.0	19.5	21.0	15.5	13.5	14.5	14.5	12.5	13.5	10.0	9.0	9.5
4	23.0	19.5	21.0	16.5	14.5	15.5	15.5	13.5	14.5	9.5	8.5	9.0
5	22.0	19.5	21.0	16.5	15.5	16.0	15.0	13.5	14.5	9.5	8.0	8.5
6	21.5	20.0	20.5	17.5	15.5	16.5	15.0	13.5	14.0	10.0	8.0	8.5
7	21.0	20.0	20.5	17.0	15.0	15.5	15.0	13.0	13.5	10.5	8.0	9.5
8	21.5	20.0	20.5	16.5	14.5	15.5	15.0	12.5	13.5	10.0	8.5	9.5
9	22.5	20.0	21.0	15.5	15.0	15.5	14.5	12.5	13.5	9.5	8.0	8.5
10	23.0	20.5	21.5	16.0	14.5	15.5	14.0	13.0	13.5	9.5	7.5	8.5
11	20.5	19.0	20.0	16.0	14.0	15.0	13.5	11.5	13.0	10.0	8.0	9.0
12	21.5	19.0	19.5	16.0	13.5	15.0	12.5	11.0	12.0	10.5	9.0	9.5
13	21.0	18.5	19.5	17.0	15.0	16.0	12.5	10.5	11.5	10.0	9.5	9.5
14	20.5	19.0	19.5	18.0	15.5	16.5	12.0	11.0	11.5	10.0	8.5	9.5
15	20.5	19.0	19.5	19.0	16.5	17.5	11.5	11.0	11.0	9.0	7.5	8.5
16	20.0	19.0	19.5	19.0	17.0	18.0	12.0	10.5	11.0	8.0	7.0	7.5
17	20.5	19.0	19.5	19.5	18.0	18.5	12.0	10.0	11.0	8.5	7.0	7.5
18	22.0	19.0	20.5	19.5	17.5	18.5	12.0	10.5	11.0	8.0	6.0	7.0
19	22.5	20.0	21.0	19.0	17.0	18.0	12.5	10.5	11.0	7.0	5.0	6.0
20	22.5	20.5	21.5	18.5	16.5	17.5	11.5	10.5	11.0	7.5	5.0	6.0
21	23.5	21.0	22.0	17.5	15.5	16.5	11.5	10.0	11.0	7.0	5.0	6.0
22	21.5	20.0	21.0	17.0	15.5	16.0	11.5	10.0	10.5	7.5	5.0	6.0
23	20.5	19.5	20.0	16.5	15.0	15.5	11.0	9.5	10.0	8.0	5.5	6.5
24	20.5	19.0	19.5	16.5	14.5	15.5	10.0	9.5	9.5	8.5	6.0	7.0
25	20.0	19.0	19.5	16.0	14.0	15.0	10.0	8.5	9.5	9.0	6.5	7.5
26	20.0	18.5	19.5	15.5	14.5	15.0	9.5	7.5	8.5	9.5	7.5	8.5
27	20.5	18.0	19.0	15.5	14.0	15.0	10.0	7.5	8.5	9.0	8.5	9.0
28	20.0	18.0	18.5	15.0	14.0	14.5	10.0	8.5	9.0	11.0	9.0	10.0
29	19.0	17.5	18.0	14.5	12.5	13.5	10.0	9.0	9.5	10.5	10.0	10.0
30	18.5	16.5	18.0	14.5	12.0	13.5	9.5	8.0	9.0	10.0	9.5	10.0
31	18.0	15.0	16.5	---	---	---	9.5	8.0	8.5	10.0	8.5	9.5
MONTH	23.5	15.0	20.0	19.5	12.0	15.8	15.5	7.5	11.4	11.0	5.0	8.4

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 sea level (from topographic map).

REMARKS.--Records poor. No estimated daily discharges. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	6.8	22	7.2	10	12	7.2	1.9	1.8	3.1	2.0	3.7
2	3.1	5.6	6.4	13	8.9	90	6.8	1.9	1.7	2.5	2.3	47
3	3.2	5.0	5.7	13	8.5	28	6.3	1.9	1.6	2.7	1.6	15
4	3.1	5.0	4.7	24	8.0	20	5.9	1.9	2.2	7.4	1.3	4.3
5	2.8	11	8.2	9.5	22	13	5.7	2.1	2.2	4.3	1.2	2.2
6	3.0	9.9	6.2	7.7	21	11	5.3	1.9	3.1	3.1	1.2	2.1
7	3.2	6.6	7.9	7.2	12	11	6.4	1.9	2.7	2.5	1.1	2.1
8	3.4	6.0	5.6	7.7	12	10	5.2	1.7	1.7	2.1	1.1	1.9
9	3.4	5.5	5.5	6.8	11	9.7	4.8	1.6	1.2	2.0	.97	2.2
10	2.9	5.5	6.1	6.8	12	25	4.8	1.6	1.2	1.3	.85	2.3
11	3.1	5.5	8.0	6.4	13	15	4.4	1.6	1.1	1.4	.91	2.2
12	3.4	5.5	6.3	19	12	11	4.4	1.6	.84	1.6	1.8	1.6
13	3.4	5.5	5.8	12	9.1	9.8	6.7	2.0	.77	3.3	5.8	1.5
14	3.1	5.5	9.6	8.5	8.5	13	5.3	1.3	.84	2.3	4.5	1.3
15	3.1	5.7	9.8	7.5	7.9	9.9	4.4	1.5	.85	1.9	2.1	1.2
16	3.5	6.0	7.1	6.8	7.9	9.3	4.4	6.2	.81	1.5	9.1	1.8
17	4.2	6.0	6.3	9.2	6.9	7.9	3.8	3.1	.72	1.4	12	1.9
18	4.1	6.0	5.8	17	6.8	7.9	3.6	2.7	.72	1.2	4.6	2.9
19	3.8	6.0	5.8	9.2	6.8	7.9	3.3	2.4	.83	1.2	5.8	4.4
20	3.8	6.1	6.6	7.9	6.8	7.3	3.1	2.2	.73	2.2	2.8	2.3
21	4.1	6.7	11	7.9	6.1	7.3	2.9	2.1	.69	2.7	14	1.8
22	3.8	7.6	7.2	7.4	6.3	8.7	3.3	2.2	1.3	6.1	13	1.5
23	4.1	7.7	12	7.5	9.4	7.3	5.2	2.0	1.4	18	3.5	1.3
24	4.1	8.0	10	7.1	55	10	3.5	1.9	.71	5.7	2.3	2.2
25	3.8	8.2	7.3	6.9	16	95	2.9	1.7	.84	2.6	1.6	2.2
26	4.3	8.2	6.6	6.8	10	18	2.7	1.8	1.0	1.5	1.2	1.7
27	4.6	39	5.9	6.8	8.7	9.8	2.6	1.8	21	3.5	1.2	1.4
28	4.1	15	5.8	14	7.9	8.3	2.3	1.8	8.3	10	1.1	1.3
29	4.1	8.0	8.6	13	---	22	2.1	1.6	4.0	5.2	1.0	1.2
30	49	6.7	5.9	20	---	13	1.9	1.6	4.1	3.5	1.0	1.2
31	13	---	5.8	15	---	10	---	1.8	---	3.0	.94	---
TOTAL	165.7	239.8	235.5	318.8	330.5	538.1	131.2	63.3	70.95	110.8	103.87	119.7
MEAN	5.35	7.99	7.60	10.3	11.8	17.4	4.37	2.04	2.36	3.57	3.35	3.99
MAX	49	39	22	24	55	95	7.2	6.2	21	18	14	47
MIN	2.8	5.0	4.7	6.4	6.1	7.3	1.9	1.3	.69	1.2	.85	1.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

MEAN	6.45	7.17	6.48	11.3	11.2	12.7	8.71	6.68	5.25	6.10	8.35	4.56
MAX	26.4	12.4	10.0	28.6	20.1	29.9	20.8	34.3	10.5	25.6	42.9	10.6
(WY)	1991	1993	1993	1987	1987	1987	1984	1984	1984	1991	1991	1993
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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	3984.0	2428.22	7.32
ANNUAL MEAN	10.9	6.65	14.9
HIGHEST ANNUAL MEAN			3.61
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	179	Jan 8	372
LOWEST DAILY MEAN	1.4	Aug 30	* .21
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 29	.22
INSTANTANEOUS PEAK FLOW			697
INSTANTANEOUS PEAK STAGE			9.62
10 PERCENT EXCEEDS	21	12	14
50 PERCENT EXCEEDS	6.3	4.7	4.8
90 PERCENT EXCEEDS	2.5	1.3	1.6

* 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 sea level (from topographic map). Prior to Oct. 1, 1990, at datum 1.00 ft lower.

REMARKS.--WATER YEAR 1993: Records fair except for estimated daily discharges, Oct. 1 - 8, 10 - 31, Nov. 1 - 21, 24 - 30, Dec. 1 - 13, 15 - 31, Jan. 10, 11, 14 - 24, 26 - 30, Feb. 1 - 6, 9 - 11, Mar. 15, Apr. 28 to May 4, 7 - 14, July 18 - 29, which are poor. Flow regulated by Savannah River Site operations.

WATER YEAR 1994: No estimated daily discharges. Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	10	17	27	45	83	138	54	23	31	30	27
2	10	10	16	23	40	83	103	52	70	30	30	27
3	18	11	15	22	42	100	95	54	37	28	29	27
4	23	12	15	22	45	179	89	60	27	28	29	27
5	20	12	20	28	50	105	128	79	33	28	29	38
6	12	12	30	50	60	92	111	62	23	28	29	170
7	9.0	11	30	60	133	87	93	54	22	39	37	50
8	40	10	39	349	89	84	89	52	22	39	41	41
9	159	9.8	37	123	54	83	88	50	22	31	35	37
10	54	10	30	60	50	82	95	50	21	30	45	35
11	30	10	29	52	60	80	86	49	46	28	33	34
12	16	24	30	109	90	81	83	48	28	28	33	33
13	11	30	45	94	62	148	81	50	75	28	32	31
14	9.8	28	73	58	54	118	79	50	45	28	32	31
15	8.8	25	50	45	78	85	77	50	38	28	35	30
16	8.6	19	35	40	99	112	76	48	35	27	33	29
17	8.8	18	33	44	103	120	75	48	33	27	32	44
18	8.9	17	31	41	89	94	73	46	33	26	32	69
19	9.0	16	30	44	86	86	71	40	32	35	30	39
20	8.9	17	30	45	98	83	70	30	31	34	29	36
21	8.6	25	29	50	99	81	69	28	31	34	29	42
22	8.7	107	29	60	111	81	68	27	30	33	33	51
23	8.8	64	31	64	95	107	66	25	29	33	30	38
24	9.0	30	29	75	77	139	66	24	28	37	28	35
25	9.2	25	28	104	84	97	64	24	29	45	28	35
26	8.9	45	27	83	102	149	62	24	33	33	28	34
27	8.8	40	26	58	95	196	61	24	37	31	28	33
28	8.9	22	28	50	85	113	58	24	32	31	28	32
29	9.0	17	32	60	---	96	56	23	33	31	28	32
30	9.8	16	35	74	---	86	56	23	35	31	28	31
31	11	---	32	52	---	153	---	24	---	30	27	---
TOTAL	576.5	702.8	961	2066	2175	3283	2426	1296	1013	970	970	1218
MEAN	18.6	23.4	31.0	66.6	77.7	106	80.9	41.8	33.8	31.3	31.3	40.6
MAX	159	107	73	349	133	196	138	79	75	45	45	170
MIN	8.6	9.8	15	22	40	80	56	23	21	26	27	27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1993, BY WATER YEAR (WY)

	240	227	265	249	244	291	276	263	245	259	245	217
MEAN	412	425	432	440	442	468	425	451	423	451	421	414
MAX	(1982)	1992	1982	1980	1978	1980	1982	1978	1992	1992	1982	1982
(WY)	1982	1992	1982	1980	1978	1980	1982	1978	1992	1992	1982	1982
MIN	18.6	23.4	31.0	41.0	46.4	48.0	69.1	41.8	24.9	31.3	31.3	13.4
(WY)	1993	1993	1993	1990	1990	1990	1989	1993	1990	1993	1993	1992

SUMMARY STATISTICS

FOR 1992 CALENDAR YEAR

FOR 1993 WATER YEAR

WATER YEARS 1977 - 1993

ANNUAL TOTAL	59985.3	17657.3	236
ANNUAL MEAN	164	48.4	383
HIGHEST ANNUAL MEAN			48.4
LOWEST ANNUAL MEAN			760
HIGHEST DAILY MEAN	533	Jul 2	Aug 2 1991
LOWEST DAILY MEAN	8.6	Oct 16	Oct 16 1992
ANNUAL SEVEN-DAY MINIMUM	8.8	Oct 16	Oct 16 1992
INSTANTANEOUS PEAK FLOW		428	Unknown
INSTANTANEOUS PEAK STAGE		3.43	Aug 2 1991
10 PERCENT EXCEEDS	434	95	430
50 PERCENT EXCEEDS	112	34	350
90 PERCENT EXCEEDS	12	16	42

SAVANNAH RIVER BASIN

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	53	56	47	53	57	58	53	43	46	45	39
2	31	51	51	55	51	179	56	53	43	46	43	86
3	31	50	48	57	49	90	55	53	44	47	41	104
4	32	49	47	76	48	67	54	53	42	53	40	50
5	39	53	49	57	63	60	54	54	43	52	39	42
6	40	54	48	52	72	55	54	54	46	46	39	40
7	40	49	47	51	57	53	56	53	52	43	38	40
8	41	48	45	50	57	53	54	53	48	43	38	40
9	42	48	45	49	59	52	53	53	46	43	38	41
10	42	48	45	47	66	71	54	53	46	43	38	41
11	42	47	48	47	66	66	53	54	48	42	37	42
12	42	46	46	65	62	55	52	52	47	41	37	39
13	43	46	45	60	56	53	57	52	46	48	43	38
14	43	46	50	53	55	61	56	52	45	45	49	37
15	43	47	53	49	53	56	53	53	45	42	42	37
16	45	47	50	48	51	54	53	63	45	41	49	38
17	47	45	49	52	50	51	53	52	42	41	70	42
18	46	45	47	65	50	50	51	48	42	41	52	43
19	45	45	47	53	50	50	51	47	43	42	53	45
20	45	45	47	50	49	50	51	47	40	42	47	42
21	45	45	52	49	49	50	51	47	40	47	56	40
22	45	45	47	49	49	51	53	47	50	50	74	39
23	45	45	53	48	53	50	59	45	57	79	49	39
24	45	45	53	47	116	53	54	45	43	59	44	42
25	45	45	49	46	70	230	53	43	43	48	41	43
26	47	45	47	46	59	90	52	43	43	45	40	42
27	47	77	46	47	55	67	52	43	102	51	39	41
28	46	67	45	57	52	63	52	43	82	75	38	40
29	46	56	45	57	---	88	52	43	52	56	38	39
30	94	51	45	65	---	68	52	43	52	49	38	38
31	62	---	46	61	---	61	---	43	---	47	38	---
TOTAL	1377	1483	1491	1655	1620	2154	1608	1537	1460	1493	1373	1329
MEAN	44.4	49.4	48.1	53.4	57.9	69.5	53.6	49.6	48.7	48.2	44.3	44.3
MAX	94	77	56	76	116	230	59	63	102	79	74	104
MIN	31	45	45	46	48	50	51	43	40	41	37	37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1994, BY WATER YEAR (WY)

	MEAN	227	215	251	237	232	278	263	249	232	244	232	206
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	18.6	23.4	31.0	41.0	46.4	48.0	53.6	41.8	24.9	31.3	31.3	13.4	13.4
(WY)	1993	1993	1993	1990	1990	1990	1994	1993	1990	1993	1993	1992	1992

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1977 - 1994

ANNUAL TOTAL	19768	18580	222	1984
ANNUAL MEAN	54.2	50.9	383	1993
HIGHEST ANNUAL MEAN			48.4	1993
LOWEST ANNUAL MEAN			760	Aug 2 1991
HIGHEST DAILY MEAN	349	Jan 8	8.6	Oct 16 1992
LOWEST DAILY MEAN	21	Jun 10	8.8	Oct 16 1992
ANNUAL SEVEN-DAY MINIMUM	24	May 26	Unknown	Aug 2 1991
INSTANTANEOUS PEAK FLOW			6.08	Aug 2 1991
INSTANTANEOUS PEAK STAGE			429	
10 PERCENT EXCEEDS	94	61	244	
50 PERCENT EXCEEDS	45	48	41	
90 PERCENT EXCEEDS	28	40		

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 sea level (from topographic map).

REMARKS.--Records poor. No estimated daily discharges. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.46	.46	13	22	17	21	6.9	4.7	2.9	4.5	3.7
2	.11	.45	.46	13	22	17	21	4.0	4.6	2.9	4.1	4.6
3	.11	.36	.46	14	22	15	21	3.1	4.6	3.2	4.1	3.5
4	.11	.36	.46	13	22	15	21	3.6	4.8	3.7	4.1	3.5
5	.11	.79	.59	13	23	15	21	4.0	4.7	3.7	4.1	3.5
6	.11	.36	.46	13	22	15	21	4.1	4.5	3.6	4.1	3.5
7	.13	.36	.46	13	22	14	20	4.1	3.2	3.5	4.1	3.5
8	.16	.36	.44	13	23	14	21	4.1	2.9	3.5	4.1	3.5
9	.16	.36	.41	13	24	14	22	4.2	3.1	3.5	4.1	3.5
10	.16	.36	.45	13	23	14	23	4.9	3.1	3.5	4.4	3.5
11	.16	.36	.50	13	23	13	23	5.2	3.1	3.6	4.6	3.5
12	.16	.36	.44	20	23	13	24	5.2	3.4	4.9	4.6	3.5
13	.27	.36	.41	22	22	14	24	5.1	3.7	5.4	5.4	3.5
14	.28	.36	.92	22	22	14	23	5.0	3.6	4.8	5.2	3.5
15	.28	.36	.48	21	22	15	23	5.2	3.7	4.6	4.9	3.5
16	.40	.37	.39	21	22	15	23	5.7	4.1	4.4	5.0	3.5
17	.56	.43	.30	21	23	15	23	5.2	4.1	4.4	3.9	3.5
18	.54	.46	5.5	21	23	15	23	5.2	4.4	4.3	3.9	3.5
19	.56	.46	14	21	20	15	23	5.2	4.6	4.2	3.9	3.5
20	.56	.46	14	22	15	15	26	5.2	4.6	5.3	3.9	3.5
21	.56	.46	14	22	15	15	28	5.1	4.6	4.7	4.2	3.4
22	.56	.46	13	22	15	32	29	5.0	4.6	5.5	3.9	3.4
23	.56	.46	13	21	15	69	29	5.0	4.6	4.9	3.9	3.4
24	.56	.46	13	21	16	49	29	5.0	4.6	4.8	3.9	3.4
25	.56	.48	13	21	15	53	7.4	5.0	4.8	4.8	3.9	3.4
26	.56	.51	13	21	15	64	7.2	5.0	4.7	4.8	3.6	3.4
27	.56	1.7	13	22	15	58	7.2	5.0	2.8	5.2	3.2	3.4
28	.71	.57	13	22	15	21	7.2	4.9	3.3	5.2	3.2	3.4
29	.81	.48	13	22	---	22	7.2	4.8	2.4	5.0	3.2	3.4
30	2.5	.46	13	22	---	22	7.2	4.8	2.8	5.0	3.2	3.4
31	.48	---	13	22	---	22	---	4.8	---	5.0	3.5	---
TOTAL	13.44	14.24	185.59	573	561	721	605.4	149.6	118.7	134.8	126.7	105.3
MEAN	.43	.47	5.99	18.5	20.0	23.3	20.2	4.83	3.96	4.35	4.09	3.51
MAX	2.5	1.7	14	22	24	69	29	6.9	4.8	5.5	5.4	4.6
MIN	.09	.36	.30	13	15	13	7.2	3.1	2.4	2.9	3.2	3.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	4.96	2.48	3.32	8.64	10.4	15.3	19.2	4.27	6.35	14.5	9.38	8.41
MEAN	4.96	2.48	3.32	8.64	10.4	15.3	19.2	4.27	6.35	14.5	9.38	8.41
MAX	24.2	15.0	19.2	40.1	45.4	71.8	88.5	31.7	27.6	97.7	79.0	51.6
(WY)	1985	1985	1985	1984	1993	1993	1991	1984	1991	1991	1991	1988
MIN	.21	.19	.30	.17	.13	.12	.11	.10	.27	.17	.13	.27
(WY)	1990	1990	1990	1990	1990	1990	1990	1992	1988	1993	1993	1990

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1984 - 1994
ANNUAL TOTAL	4030.49	3308.77	
ANNUAL MEAN	11.0	9.07	7.96
HIGHEST ANNUAL MEAN			28.2
LOWEST ANNUAL MEAN			.47
HIGHEST DAILY MEAN	134	Feb 17	170
LOWEST DAILY MEAN	.07	Jun 30	.03
ANNUAL SEVEN-DAY MINIMUM	.07	Jun 30	.03
INSTANTANEOUS PEAK FLOW		79	225
INSTANTANEOUS PEAK STAGE		1.90	2.97
10 PERCENT EXCEEDS	15	22	23
50 PERCENT EXCEEDS	.48	4.6	1.0
90 PERCENT EXCEEDS	.09	.45	.17

SAVANNAH RIVER BASIN
O2197351 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, 28.0°C, June 28, 29; minimum, 5.5°C, Dec. 12, 13.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.5	14.0	16.0	11.5	8.5	10.0	11.0	8.0	9.5	8.5	7.5	8.0
2	20.5	15.5	17.5	12.0	8.5	10.0	12.5	8.5	10.0	9.5	8.0	9.0
3	21.5	17.0	19.0	13.5	9.0	11.5	14.0	9.0	11.0	9.5	8.5	9.0
4	22.0	18.0	20.0	16.5	12.5	14.5	16.5	12.0	14.5	9.5	8.0	8.5
5	21.0	17.0	19.0	17.5	15.5	16.5	16.0	12.0	14.0	9.0	7.5	8.0
6	20.0	17.5	19.0	18.5	14.5	17.0	13.5	9.5	11.5	9.5	7.5	8.0
7	20.0	17.5	19.0	14.5	11.0	12.5	12.5	8.0	10.0	10.0	8.0	9.0
8	21.5	18.5	20.0	12.5	9.5	11.0	12.5	8.0	10.0	9.5	8.0	9.0
9	22.0	19.0	20.5	12.0	11.0	11.5	12.5	7.5	10.0	9.0	7.5	8.0
10	22.5	20.0	21.0	13.5	10.5	12.0	12.5	9.5	11.5	8.5	7.0	8.0
11	20.5	16.0	18.0	12.5	9.0	10.5	12.5	7.5	10.0	9.5	7.5	8.5
12	22.0	14.5	17.0	13.5	8.5	11.0	9.0	5.5	7.0	10.0	8.5	9.5
13	---	---	---	16.5	12.0	14.0	10.0	5.5	7.5	10.0	9.0	10.0
14	18.5	15.5	17.0	18.0	14.5	16.0	11.0	8.0	9.5	10.0	9.0	9.5
15	19.5	17.0	18.0	19.5	16.0	17.5	10.5	8.5	9.5	9.0	8.0	8.5
16	19.5	18.0	18.5	19.5	16.0	17.5	11.5	7.0	9.0	8.0	7.0	8.0
17	---	---	---	20.5	17.5	18.5	11.5	7.5	9.0	9.0	7.5	8.0
18	---	---	---	18.5	14.5	16.5	12.5	7.0	9.5	8.5	7.0	8.0
19	---	---	---	16.0	12.5	14.5	11.5	10.0	10.5	7.5	6.0	7.0
20	---	---	---	15.5	11.0	14.0	10.5	10.0	10.5	7.5	6.0	6.5
21	---	---	---	12.5	9.0	10.5	11.0	9.5	10.5	7.5	6.0	6.5
22	---	---	---	14.0	9.5	11.5	10.0	9.5	10.0	7.5	6.0	6.5
23	---	---	---	14.0	10.5	12.0	10.0	9.0	9.5	8.0	6.0	7.0
24	---	---	---	15.0	11.0	13.0	9.5	9.0	9.0	8.0	6.5	7.0
25	---	---	---	14.0	10.5	12.5	10.0	8.5	9.0	8.5	7.0	7.5
26	---	---	---	15.0	12.0	13.5	9.0	7.5	8.5	9.0	7.5	8.0
27	---	---	---	15.0	13.5	14.5	9.5	8.0	8.5	8.5	7.5	8.0
28	---	---	---	14.0	10.5	12.5	10.0	8.0	9.0	9.5	8.0	9.0
29	15.5	12.0	14.0	12.0	8.0	10.0	9.5	8.5	9.0	9.5	9.0	9.0
30	17.5	15.0	16.5	12.0	7.5	9.5	9.0	7.5	8.0	9.0	8.5	9.0
31	16.5	10.5	13.0	---	---	---	9.0	7.0	8.0	9.0	8.0	8.5
MONTH	22.5	10.5	17.9	20.5	7.5	13.2	16.5	5.5	9.8	10.0	6.0	8.2

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.0	7.5	8.5	12.5	10.5	11.5	15.0	13.0	14.0	21.0	18.0	19.5
2	9.0	7.5	8.0	12.5	11.0	12.0	15.5	13.0	14.0	22.0	17.5	19.0
3	9.0	7.5	8.0	12.0	10.0	11.0	15.5	13.5	14.5	18.5	16.5	17.5
4	9.5	7.5	8.5	12.5	10.0	11.0	15.5	13.5	14.5	18.0	17.0	17.5
5	---	---	---	13.5	10.5	12.0	15.5	14.0	14.5	19.5	16.5	18.0
6	9.5	8.5	9.0	13.5	10.5	11.5	16.5	14.5	15.5	21.0	16.5	18.5
7	10.5	8.5	9.0	14.0	11.0	12.0	16.5	15.0	15.5	21.0	17.0	19.0
8	10.0	9.0	9.5	14.5	11.5	13.0	16.0	14.0	15.0	21.0	17.5	19.0
9	11.5	9.5	10.5	14.5	12.5	13.5	16.5	14.5	15.5	20.0	16.5	18.0
10	11.5	9.5	10.5	15.5	12.5	14.0	17.0	14.5	15.5	20.0	17.5	18.5
11	9.5	9.0	9.5	14.0	11.5	12.5	17.0	15.0	16.0	20.5	17.5	19.0
12	9.5	9.0	9.5	14.5	11.5	13.0	17.5	16.0	16.5	21.5	18.0	19.5
13	11.0	9.5	10.0	14.5	12.0	13.0	17.5	16.5	17.0	21.5	18.0	19.5
14	10.5	8.5	9.5	14.0	12.0	13.0	17.5	15.5	16.5	21.5	18.0	19.5
15	11.0	8.5	9.5	14.5	11.5	13.0	17.5	15.5	16.0	21.5	19.0	20.0
16	10.5	9.0	9.5	13.5	11.5	12.5	17.0	15.5	16.0	22.5	19.5	21.0
17	10.0	9.0	9.5	13.5	11.0	12.0	16.5	14.5	15.5	22.5	19.0	20.5
18	11.0	9.5	10.0	14.0	11.0	12.5	16.5	14.5	15.5	22.0	19.0	20.5
19	11.5	9.5	10.5	14.5	11.5	13.0	17.5	15.0	16.5	21.5	19.0	20.0
20	12.5	10.0	11.5	14.5	11.5	13.0	18.5	16.0	17.5	20.0	18.0	19.0
21	---	---	---	15.5	12.5	14.0	19.0	17.0	18.0	20.5	17.5	19.0
22	13.5	11.0	12.0	15.5	13.0	14.0	18.5	17.5	18.0	21.0	17.0	19.0
23	14.5	12.5	13.0	15.5	13.5	14.5	18.0	16.5	17.5	21.5	17.5	19.5
24	14.5	11.5	13.0	16.5	15.0	15.5	18.5	16.0	17.0	22.0	18.5	20.0
25	14.0	11.0	12.5	16.0	15.0	15.5	19.5	16.0	17.5	22.0	19.0	20.5
26	13.5	11.5	12.0	15.5	14.5	15.0	20.0	17.0	18.5	22.5	20.0	21.0
27	12.5	10.5	11.5	16.5	14.5	15.5	20.0	17.0	18.5	22.5	20.0	21.0
28	11.5	10.5	11.0	16.5	15.5	16.0	20.0	17.0	18.5	22.0	19.5	20.5
29	---	---	---	16.5	15.0	15.5	20.0	17.0	18.5	23.0	20.0	21.0
30	---	---	---	16.5	14.0	15.0	20.5	17.0	18.5	21.5	20.0	21.0
31	---	---	---	16.0	14.0	15.0	---	---	---	22.5	20.5	21.5
MONTH	14.5	7.5	10.2	16.5	10.0	13.4	20.5	13.0	16.4	23.0	16.5	19.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.0	20.5	22.0	27.0	24.0	25.5	25.0	23.0	24.0	26.5	24.5	25.5
2	24.0	21.0	22.5	27.0	24.5	25.5	26.5	23.0	24.5	25.5	23.5	24.5
3	24.0	21.0	22.5	27.0	24.5	25.5	26.5	24.0	25.0	23.5	22.5	23.0
4	24.0	21.5	22.5	26.0	24.5	25.0	27.0	24.5	25.5	24.5	22.0	23.0
5	24.0	21.5	22.5	26.0	24.0	24.5	26.5	24.5	25.5	24.5	22.0	23.0
6	24.0	22.0	23.0	26.5	24.0	25.0	25.0	24.0	24.5	23.5	22.5	23.0
7	25.0	22.0	23.0	26.5	23.5	25.0	25.5	23.5	24.5	25.5	22.5	24.0
8	26.5	22.5	24.0	27.0	24.0	25.0	25.5	22.5	24.0	25.5	23.5	24.0
9	25.0	23.5	24.0	27.5	24.0	25.5	26.0	22.5	24.5	25.0	23.0	24.0
10	25.0	23.0	24.0	27.5	24.5	26.0	25.5	23.0	24.0	24.5	23.0	24.0
11	26.0	23.0	24.5	26.5	24.0	25.0	25.0	23.0	24.0	25.5	23.0	24.0
12	25.5	23.5	24.5	26.0	23.0	24.5	25.5	23.5	24.0	25.5	23.0	24.0
13	27.0	23.0	25.0	26.5	24.0	25.0	25.0	24.0	24.0	25.5	23.0	24.0
14	27.5	24.0	25.5	27.0	24.5	25.5	25.5	23.5	24.5	25.5	22.5	24.0
15	27.0	24.0	25.0	27.5	24.5	26.0	25.5	23.5	24.0	25.5	22.5	24.0
16	26.0	23.5	24.5	27.5	25.0	26.0	24.0	23.5	24.0	25.5	23.5	24.5
17	26.0	23.0	24.0	27.0	25.0	26.0	25.5	23.5	24.5	25.5	24.0	25.0
18	24.5	22.5	23.5	27.0	24.5	25.5	24.5	24.0	24.5	25.0	23.5	24.0
19	26.0	22.5	24.0	27.0	24.0	25.0	25.0	23.5	24.5	24.5	22.5	23.5
20	26.0	22.5	24.0	26.0	24.0	24.5	26.0	24.0	25.0	23.5	22.0	22.5
21	26.5	23.5	24.5	25.5	23.5	24.0	25.5	24.0	24.5	24.0	22.5	23.0
22	26.5	23.5	25.0	25.0	23.0	23.5	25.5	23.5	24.5	24.0	21.5	22.5
23	26.5	24.0	25.0	25.0	22.5	23.5	25.0	23.0	24.0	24.0	21.5	22.5
24	26.0	23.5	24.5	25.5	23.0	24.0	25.0	23.0	24.0	24.5	22.5	23.5
25	25.0	23.0	23.5	26.0	23.0	24.0	25.0	22.5	23.5	24.5	23.0	23.5
26	25.0	22.5	23.5	25.0	23.0	24.0	---	---	---	24.0	22.5	23.5
27	24.5	22.5	23.5	25.0	23.5	24.0	---	---	---	24.0	21.0	22.5
28	28.0	22.5	24.5	24.5	23.5	23.5	---	---	---	24.0	21.5	22.5
29	28.0	23.0	24.5	25.0	23.0	24.0	---	---	---	24.5	21.5	22.5
30	26.5	23.5	25.0	24.5	23.0	23.5	---	---	---	24.0	21.5	22.5
31	---	---	---	25.0	23.0	23.5	---	---	---	---	---	---
MONTH	28.0	20.5	23.9	27.5	22.5	24.7	27.0	22.5	24.4	26.5	21.0	23.5
YEAR	28.0	5.5	17.0									

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 sea level (from topographic map).

REMARKS.--Estimated daily discharges Nov. 25, 26, June 20 - 24. Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.5	1.8	14	22	17	25	8.1	5.8	5.0	5.2	4.3
2	1.4	1.5	1.8	13	22	20	26	5.7	5.7	4.9	4.4	6.2
3	1.4	1.4	1.8	15	21	16	25	5.3	5.9	5.1	4.3	4.6
4	1.4	1.4	1.8	14	21	16	25	6.4	6.1	5.1	4.3	4.5
5	1.3	1.7	1.9	14	23	16	25	6.4	5.8	5.1	4.3	4.3
6	1.3	1.4	1.9	14	22	16	26	6.3	5.7	5.0	4.4	4.3
7	1.3	1.4	1.8	14	22	16	25	6.2	4.2	4.9	4.4	4.3
8	1.3	1.4	1.7	14	23	16	26	6.3	3.4	4.9	4.3	4.3
9	1.4	1.5	1.7	14	23	15	27	6.7	4.8	4.9	4.3	4.3
10	1.4	1.5	1.8	14	22	15	29	7.0	4.9	4.8	4.9	4.3
11	1.5	1.5	1.9	14	22	14	28	7.0	4.6	5.0	5.6	4.3
12	1.5	1.4	1.9	21	22	15	29	7.0	5.0	6.0	5.8	4.3
13	1.4	1.4	1.9	23	22	15	29	6.8	4.7	6.6	6.5	4.5
14	1.4	1.6	2.2	23	22	16	29	6.7	4.6	5.9	5.8	4.6
15	1.4	1.6	2.0	21	22	17	28	6.9	4.8	5.5	5.8	4.6
16	1.5	1.7	1.9	22	22	16	28	7.3	5.7	5.5	6.5	4.7
17	1.6	1.7	1.9	23	22	17	28	6.7	5.7	5.6	4.7	4.7
18	1.5	1.8	5.6	23	22	22	27	6.5	5.8	5.6	4.5	4.9
19	1.5	1.9	14	23	20	17	27	6.5	5.6	5.6	4.4	4.8
20	1.4	1.9	14	23	15	17	32	6.5	5.6	6.7	4.3	4.7
21	1.4	1.9	14	23	15	17	33	6.5	5.6	5.7	5.0	4.7
22	1.4	1.9	13	23	15	24	33	6.5	5.8	6.9	4.5	4.7
23	1.4	1.9	13	22	16	37	33	6.3	6.0	5.9	4.3	4.7
24	1.4	1.9	13	22	17	39	33	6.3	6.1	5.7	4.3	5.0
25	1.5	2.0	13	22	16	56	12	6.3	6.2	5.7	4.2	4.6
26	1.5	1.9	13	22	16	62	9.4	6.3	6.0	5.7	4.1	4.5
27	1.5	3.0	13	22	16	58	9.2	6.2	7.7	6.4	4.1	4.4
28	.76	1.8	13	23	15	26	11	6.1	4.6	6.3	4.1	4.3
29	1.4	1.7	13	22	---	26	8.4	6.1	2.8	5.9	4.1	4.3
30	3.9	1.8	13	22	---	26	8.3	6.1	4.4	5.9	4.1	4.3
31	1.6	---	13	22	---	26	---	6.1	---	5.8	4.2	---
TOTAL	46.06	51.0	209.3	601	558	726	734.3	201.1	159.6	173.6	145.7	137.0
MEAN	1.49	1.70	6.75	19.4	19.9	23.4	24.5	6.49	5.32	5.60	4.70	4.57
MAX	3.9	3.0	14	23	23	62	33	8.1	7.7	6.9	6.5	6.2
MIN	.76	1.4	1.7	13	15	14	8.3	5.3	2.8	4.8	4.1	4.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1994, BY WATER YEAR (WY)

	4.01	1.82	2.35	5.04	9.36	16.1	19.3	3.04	8.17	18.2	12.8	9.79
MEAN	4.01	1.82	2.35	5.04	9.36	16.1	19.3	3.04	8.17	18.2	12.8	9.79
MAX	10.0	2.66	6.75	19.4	42.5	66.1	64.0	8.28	28.9	109	97.8	62.1
(WY)	1992	1988	1994	1994	1993	1993	1991	1990	1991	1991	1991	1988
MIN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.95	.96	1.19
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1993	1989

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1986 - 1994

ANNUAL TOTAL	4175.71	3742.66	9.35
ANNUAL MEAN	11.4	10.3	30.0
HIGHEST ANNUAL MEAN			1.04
LOWEST ANNUAL MEAN			220
HIGHEST DAILY MEAN	126	Feb 17	Aug 2 1991
LOWEST DAILY MEAN	.76	Oct 28	Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	.87	Aug 15	May 29 1989
INSTANTANEOUS PEAK FLOW		103	Apr 2
INSTANTANEOUS PEAK STAGE		2.44	Apr 28
10 PERCENT EXCEEDS	15	23	17
50 PERCENT EXCEEDS	1.7	5.8	1.9
90 PERCENT EXCEEDS	1.1	1.5	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 sea level (provided by Savannah River Site).

REMARKS.--Estimated daily discharges, Oct. 1 - 4, Feb. 5, May 25 - 30, June 1, June 20 to Aug 4, Aug. 10, 11, 22, 23, 29 - 30, Sept. 4 - 6, Sept. 11 - 15. Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	65	97	114	34	47	31	47	84	74	61	140
2	112	64	98	103	34	52	31	39	84	74	61	109
3	112	64	97	40	33	42	31	39	84	74	58	45
4	112	63	97	40	33	42	31	39	84	74	52	46
5	110	46	91	40	33	42	31	39	85	74	49	46
6	101	41	82	40	33	42	31	39	108	74	47	45
7	81	41	62	40	33	42	31	39	134	74	46	43
8	71	40	40	40	45	42	53	72	134	74	46	43
9	90	40	40	40	76	97	79	114	134	74	46	43
10	109	40	40	40	107	130	74	84	134	74	48	43
11	93	40	40	45	107	130	74	85	134	65	51	43
12	93	40	39	61	107	131	74	82	134	109	50	43
13	94	41	40	60	107	130	74	79	131	105	50	44
14	93	63	40	70	107	73	74	78	127	102	49	44
15	93	96	45	100	62	36	74	79	107	94	50	44
16	93	92	91	99	34	37	74	89	72	91	44	58
17	92	85	94	98	35	37	71	92	72	75	40	124
18	92	83	99	99	35	37	70	89	72	71	41	115
19	91	82	99	99	37	37	70	83	72	71	40	44
20	90	81	99	100	37	37	67	82	75	72	40	44
21	89	80	94	100	37	37	64	82	88	71	41	44
22	87	86	31	80	38	40	61	82	92	71	42	44
23	86	95	40	40	38	47	55	83	92	72	43	43
24	88	100	40	38	38	47	50	83	92	71	43	43
25	82	103	40	34	38	53	45	83	85	60	43	43
26	68	103	85	34	38	57	45	83	78	60	43	43
27	66	103	113	34	37	54	45	83	76	61	106	43
28	66	102	112	35	37	35	44	83	74	61	139	103
29	65	98	112	34	---	32	45	83	74	61	139	132
30	66	96	112	34	---	32	45	83	74	61	140	132
31	65	---	113	34	---	32	---	83	---	61	140	---
TOTAL	2762	2173	2322	1865	1430	1729	1644	2300	2886	2305	1888	1876
MEAN	89.1	72.4	74.9	60.2	51.1	55.8	54.8	74.2	96.2	74.4	60.9	62.5
MAX	112	103	113	114	107	131	79	114	134	109	140	140
MIN	65	40	31	34	33	32	31	39	72	60	40	43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1994, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	90.1	124	152	155	161	183	203	196	194	112	88.9	93.9
MAX	106	283	369	328	364	334	371	362	362	156	162	150
(WY)	1989	1988	1987	1986	1987	1987	1986	1988	1987	1991	1989	1989
MIN	67.6	67.4	62.6	60.2	51.1	55.8	54.8	74.2	96.2	67.4	60.9	47.9
(WY)	1987	1989	1989	1994	1994	1994	1994	1994	1994	1992	1994	1988

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1986 - 1994

ANNUAL TOTAL	35287.1	25180	137
ANNUAL MEAN	96.7	69.0	254
HIGHEST ANNUAL MEAN			69.0
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	173	Mar 15	470
LOWEST DAILY MEAN	1.4	Jan 2	1.4
ANNUAL SEVEN-DAY MINIMUM	39	Sep 7	19
INSTANTANEOUS PEAK FLOW			536
INSTANTANEOUS PEAK STAGE			20.87
10 PERCENT EXCEEDS	142	108	362
50 PERCENT EXCEEDS	99	68	109
90 PERCENT EXCEEDS	45	37	53

* Also occurred on Sept. 1.

** Also occurred on Apr. 1 - 7.

SAVANNAH RIVER BASIN

021973527 L-007 BELOW 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, 26.5°C, July 14 - 16; minimum, 5.5°C, Jan. 20 - 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.0	18.5	20.0	16.5	14.5	15.5	13.5	11.5	12.5	9.5	8.0	9.0
2	20.5	18.5	19.5	16.5	13.5	14.5	13.0	11.5	12.5	9.5	8.0	9.0
3	20.5	18.5	20.0	14.0	12.5	13.5	13.0	11.5	12.5	9.5	8.5	9.5
4	20.5	18.5	20.0	15.0	13.0	14.5	14.0	12.5	13.5	9.5	8.5	9.0
5	20.5	19.0	20.0	16.0	15.0	15.5	14.5	13.0	14.0	9.5	8.0	9.0
6	20.5	19.5	20.0	---	---	---	14.5	13.0	13.5	9.5	7.5	8.5
7	20.0	18.5	19.5	---	---	---	14.0	12.5	13.5	10.0	8.5	9.5
8	20.5	18.5	20.0	---	---	---	14.0	12.0	13.0	10.0	9.0	9.5
9	21.0	19.0	20.5	15.5	14.5	15.0	13.5	12.0	13.0	9.5	8.0	8.5
10	21.0	19.5	20.5	15.5	14.0	15.0	13.5	13.0	13.0	9.5	7.5	8.5
11	20.5	19.5	20.0	15.5	13.5	14.5	13.5	12.0	12.5	9.0	8.0	8.5
12	19.5	17.5	19.0	15.0	13.5	14.5	12.5	11.0	12.0	9.5	8.5	9.0
13	19.5	17.5	19.0	15.5	13.5	15.0	12.5	10.5	11.5	10.0	9.0	9.5
14	19.0	17.5	18.5	16.5	14.5	16.0	11.5	11.0	11.0	---	---	---
15	19.0	17.5	18.5	17.5	16.0	17.0	11.5	10.5	11.0	---	---	---
16	19.0	18.5	19.0	18.0	16.5	17.5	---	---	---	---	---	---
17	19.5	18.0	19.0	19.0	17.0	18.5	---	---	---	---	---	---
18	20.0	18.0	19.5	18.5	17.5	18.5	11.5	10.0	11.0	---	---	---
19	21.0	19.0	20.0	18.0	17.0	18.0	12.0	10.5	11.5	---	---	---
20	21.0	19.5	20.5	17.5	16.5	17.0	12.0	10.5	11.5	7.0	5.5	6.0
21	21.5	20.0	21.0	17.0	15.0	16.0	11.5	10.0	11.0	7.0	5.5	6.0
22	21.5	20.0	20.5	15.5	14.0	15.0	11.5	10.0	11.0	7.5	5.5	6.5
23	20.5	19.0	20.0	15.0	13.5	14.5	11.0	10.0	10.5	7.0	5.5	6.5
24	19.5	18.0	19.0	15.0	13.5	14.5	11.0	9.0	10.5	7.5	6.0	7.0
25	19.0	18.0	18.5	14.5	13.5	14.0	10.5	9.0	9.5	8.0	6.5	7.5
26	19.0	17.5	18.5	14.5	13.5	14.0	10.0	8.0	9.0	8.5	7.5	8.0
27	18.5	17.0	18.5	15.0	14.0	14.5	9.5	7.5	8.5	---	---	---
28	18.5	17.0	18.0	15.0	13.5	14.0	9.0	8.0	9.0	---	---	---
29	18.5	16.5	18.0	14.5	12.5	13.5	9.5	9.0	9.5	---	---	---
30	18.0	17.0	17.5	14.0	12.0	13.0	10.5	8.5	9.5	---	---	---
31	17.5	16.0	17.0	---	---	---	10.0	8.0	9.0	---	---	---
MONTH	21.5	16.0	19.3	19.0	12.0	15.3	14.5	7.5	11.4	10.0	5.5	8.2

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 sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.85 ft, Oct. 12, 1990; minimum, 5.17 ft, Sept. 14, 15, 16, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.06 ft, Sept. 4; minimum, 6.21 ft, Dec. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.29	6.95	---	6.57	6.54	6.36	6.79	---	---	6.85	6.66	6.90
2	6.32	6.93	---	---	6.51	6.50	6.72	---	---	6.79	6.63	6.98
3	6.37	6.91	---	---	6.49	6.51	6.66	---	---	6.75	6.60	---
4	6.42	6.91	---	---	6.46	---	6.62	---	---	6.73	6.57	7.06
5	6.47	6.92	---	6.66	6.44	---	6.58	---	---	6.71	6.63	6.97
6	6.50	6.89	---	6.60	6.45	---	6.51	---	---	6.68	6.70	6.92
7	6.53	6.81	---	6.54	6.43	6.39	6.48	---	6.82	6.61	6.75	6.89
8	6.52	6.72	6.82	6.50	6.40	6.37	6.42	---	6.75	6.54	6.83	6.85
9	6.51	6.64	6.72	6.44	6.39	6.34	6.42	---	6.69	6.51	6.89	6.82
10	6.53	6.58	6.64	6.37	6.48	6.45	6.43	---	6.63	6.45	6.97	6.80
11	6.56	6.53	6.57	6.30	6.60	6.59	6.47	---	6.56	6.40	6.96	6.78
12	6.57	6.45	6.49	6.31	6.68	6.64	6.50	---	6.49	6.42	6.93	6.76
13	6.57	6.39	6.39	6.35	6.78	6.74	6.58	---	6.42	---	6.92	6.73
14	6.58	6.35	6.32	6.39	6.85	6.86	6.63	---	6.38	---	6.93	6.70
15	6.60	6.35	6.26	6.44	6.92	6.84	6.66	---	---	---	6.91	6.67
16	6.63	6.36	6.22	6.47	6.91	6.79	6.73	---	---	---	6.91	---
17	6.67	6.38	6.22	6.54	6.87	6.73	6.74	---	---	---	6.92	---
18	6.68	6.39	6.24	6.65	6.83	6.71	6.75	---	---	---	6.87	---
19	6.70	6.41	6.28	6.69	6.79	6.65	6.78	---	---	---	6.81	---
20	6.74	6.42	6.33	6.72	---	6.60	6.81	---	---	---	6.75	---
21	6.75	6.43	6.43	6.76	---	6.53	6.84	---	---	---	6.71	---
22	6.78	6.43	6.41	6.83	6.65	---	---	---	---	---	6.70	---
23	6.77	6.43	6.39	6.84	6.62	---	---	---	---	---	6.65	---
24	6.77	6.46	6.34	6.78	6.63	---	---	---	---	---	6.60	---
25	6.78	6.50	6.27	6.74	6.60	---	---	---	---	6.88	6.54	---
26	6.80	6.53	6.22	6.69	6.53	---	6.98	---	---	6.80	6.49	---
27	6.80	---	6.25	6.62	6.44	---	6.97	---	---	6.75	6.44	---
28	6.79	---	6.31	6.61	6.40	---	6.91	---	---	6.78	6.49	---
29	6.78	---	6.39	6.61	---	6.99	---	---	6.92	6.77	6.60	---
30	6.94	---	6.45	6.59	---	6.90	---	---	6.90	6.74	6.69	---
31	6.97	---	6.50	6.57	---	6.82	---	---	---	6.69	6.79	---
MEAN	6.64	6.58	6.39	6.58	6.60	6.63	6.67	---	6.66	6.68	6.74	6.84
MAX	6.97	6.95	6.82	6.84	6.92	6.99	6.98	---	6.92	6.88	6.97	7.06
MIN	6.29	6.35	6.22	6.30	6.39	6.34	6.42	---	6.38	6.40	6.44	6.67

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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, June 15 to July 7, 22 - 29, Aug. 13 - 22, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	54	58	65	66	79	73	72	66	64	61	62
2	50	54	58	65	68	79	71	71	66	64	61	62
3	50	54	58	66	69	78	71	71	64	64	61	81
4	50	54	58	67	69	78	71	71	64	64	61	91
5	50	54	58	66	69	78	70	70	64	64	61	77
6	50	54	58	66	70	78	74	69	63	64	61	56
7	50	54	60	67	70	78	75	69	63	64	61	56
8	50	54	61	67	70	78	76	69	63	64	62	56
9	50	54	61	67	70	79	75	69	63	64	62	56
10	50	54	60	68	71	79	75	69	63	64	63	57
11	51	55	61	68	71	79	75	68	63	64	63	57
12	51	55	61	68	72	79	75	68	63	64	63	57
13	51	55	62	68	73	79	75	68	63	64	64	57
14	51	55	62	68	73	79	76	68	62	63	64	57
15	51	54	62	68	74	79	76	68	62	63	64	57
16	51	54	62	68	75	79	75	68	62	63	63	57
17	51	54	62	69	76	79	75	68	62	63	63	57
18	51	54	62	69	76	79	76	67	62	63	62	57
19	51	54	62	70	77	80	76	68	63	63	62	57
20	51	54	62	71	77	80	76	68	63	63	62	57
21	52	55	63	71	77	79	76	68	63	61	61	57
22	52	55	63	71	78	79	75	68	63	61	61	58
23	52	55	63	71	78	79	75	68	63	61	61	60
24	52	55	63	71	78	79	75	67	63	62	61	60
25	52	55	63	71	78	77	78	67	64	61	62	60
26	52	55	64	72	78	76	80	67	64	61	62	60
27	52	52	64	68	79	76	79	67	64	61	62	60
28	52	50	64	63	79	85	79	67	64	61	62	60
29	52	55	64	64	---	98	79	68	64	61	62	60
30	53	57	64	64	---	100	78	67	64	61	62	61
31	54	---	65	65	---	84	---	67	---	61	62	---
TOTAL	1585	1628	1908	2102	2061	2488	2260	2120	1900	1945	1922	1820
MEAN	51.1	54.3	61.5	67.8	73.6	80.3	75.3	68.4	63.3	62.7	62.0	60.7
MAX	54	57	65	72	79	100	80	72	66	64	64	91
MIN	50	50	58	63	66	76	70	67	62	61	61	56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1994, BY WATER YEAR (WY)

	MEAN	66.8	66.2	61.0	70.0	73.6	114	105	90.8	86.3	84.0	73.3	66.3
MAX	79.7	92.8	77.0	87.8	137	230	131	109	105	197	111	119	
(WY)	1991	1992	1990	1993	1993	1993	1991	1993	1993	1991	1989	1989	
MIN	51.1	49.0	43.5	49.0	48.9	79.6	75.3	68.4	63.3	36.2	56.0	29.8	
(WY)	1994	1989	1991	1989	1989	1990	1994	1994	1994	1990	1990	1990	

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR	FOR 1994 WATER YEAR	WATER YEARS 1989 - 1994
ANNUAL TOTAL	35439.2	23739	
ANNUAL MEAN	97.1	65.0	79.9
HIGHEST ANNUAL MEAN			101
LOWEST ANNUAL MEAN			65.0
HIGHEST DAILY MEAN	327	Mar 5	348
LOWEST DAILY MEAN	1.5	Sep 16	1.5
ANNUAL SEVEN-DAY MINIMUM	28	Sep 15	11
INSTANTANEOUS PEAK FLOW			390
INSTANTANEOUS PEAK STAGE			9.98
10 PERCENT EXCEEDS	200	78	115
50 PERCENT EXCEEDS	70	64	70
90 PERCENT EXCEEDS	51	54	43

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.--Data collection platform. Elevation of gage is 310 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow completely regulated by Savannah River Plant operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.38	.44	.27	.27	.14	.20	1.0	.20	.73	.94	.01	.94
2	.38	.44	.26	.27	.14	.20	.82	.20	.94	.77	.01	.94
3	.39	.44	.27	.27	.14	.74	.33	.20	1.2	.73	.33	.93
4	.63	.44	.27	.27	.14	2.5	.10	.31	1.2	.66	.69	.92
5	.47	.44	.27	.28	.14	1.0	.00	.62	1.2	.56	.69	1.5
6	.44	.44	.27	.27	.14	.45	.00	.66	1.2	.16	.68	.50
7	.40	.44	.27	.80	.51	.10	.00	.66	1.2	.16	1.2	.75
8	.47	.44	.27	1.3	.20	.02	.00	.66	1.2	.16	.50	.24
9	1.5	.44	.27	.25	.14	.00	.00	.66	1.1	.16	.10	.02
10	.44	.44	.53	.20	.16	.00	.00	.66	1.0	.16	.01	.00
11	.39	.44	.57	.27	.15	.00	.00	.66	1.0	.16	.01	.00
12	.41	.75	.56	.45	.16	.00	.00	.66	1.3	.16	.00	.00
13	.47	.44	.56	.20	.14	.70	.00	.66	3.7	.16	.00	.00
14	.50	.39	.56	.17	.14	.85	.00	.67	2.2	.16	.00	.00
15	.50	.36	.56	.17	.14	.33	.00	.69	.69	.16	.00	.00
16	.50	.36	.56	.17	.21	.33	.00	.69	.76	.16	.00	.00
17	.50	.36	.56	.17	.16	.33	.00	.69	.77	.16	.00	.04
18	.50	.31	.50	.17	.14	.33	.00	.69	.77	.20	.00	.01
19	.50	.03	.27	.17	.14	.33	.00	.68	.77	.21	.00	.00
20	.46	.02	.27	.17	.14	.33	.00	.68	.77	.16	.00	.02
21	.44	.24	.28	.45	.16	.33	.00	.66	.77	.16	.00	1.0
22	.44	.92	.27	.17	.24	.33	.02	.66	.85	.16	.00	.24
23	.44	.95	.27	.17	.20	.59	.08	.70	.94	.40	.00	.02
24	.44	.93	.27	.35	.20	.40	.11	.73	.94	.55	.00	.00
25	.44	.90	.27	.17	.21	.18	.11	.73	.94	.04	.00	.00
26	.44	.87	.27	.16	.20	.82	.13	.73	1.0	.01	.00	.00
27	.44	.49	.28	.16	.20	1.2	.15	.73	1.3	.01	.00	.00
28	.44	.27	.29	.16	.20	.54	.17	.73	1.3	.01	.00	.01
29	.44	.27	.27	.16	---	.22	.18	.73	1.2	.01	.00	.01
30	.44	.27	.27	.16	---	.17	.19	.73	1.0	.01	.40	.01
31	.44	---	.27	.15	---	2.8	---	.73	---	.01	.94	---
TOTAL	15.07	13.97	10.93	8.55	4.98	16.32	3.39	19.46	33.94	7.52	5.57	8.10
MEAN	.49	.47	.35	.28	.18	.53	.11	.63	1.13	.24	.18	.27
MAX	1.5	.95	.57	1.3	.51	2.8	1.0	.73	3.7	.94	1.2	1.5
MIN	.38	.02	.26	.15	.14	.00	.00	.20	.69	.01	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1993, BY WATER YEAR (WY)

	MEAN	.82	.96	.76	.76	.78	.73	.61	.66	.75	.74	.82	.77
MAX	1.19	2.12	1.21	1.13	1.21	1.60	.97	1.11	1.13	1.10	1.26	1.27	1.27
(WY)	1987	1986	1985	1985	1985	1987	1984	1984	1993	1984	1987	1986	1986
MIN	.034	.17	.21	.17	.17	.098	.087	.19	.18	.23	.18	.27	.27
(WY)	1989	1989	1989	1989	1992	1989	1989	1989	1990	1992	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 WATER YEAR

WATER YEARS 1984 - 1993

ANNUAL TOTAL	147.80												
ANNUAL MEAN	.40									.75			
HIGHEST ANNUAL MEAN										1.03		1985	
LOWEST ANNUAL MEAN										.33		1989	
HIGHEST DAILY MEAN	3.7	Jun 13								9.0	Nov 23	1985	
LOWEST DAILY MEAN	.00	**Mar 9								.00	* Apr 17	1987	
ANNUAL SEVEN-DAY MINIMUM	.00	Apr 5								.00	Oct 19	1988	
INSTANTANEOUS PEAK FLOW	Unknown	Sep 5								Unknown	Oct 2	1989	
INSTANTANEOUS PEAK STAGE	1.60	Sep 5								1.84	Oct 2	1989	
10 PERCENT EXCEEDS	.93									1.2			
50 PERCENT EXCEEDS	.27									.81			
90 PERCENT EXCEEDS	.00									.14			

* Also occurred on Apr. 19, 1987, and many days in 1989 - 1994.

** Also occurred on many days in 1993.

SAVANNAH RIVER BASIN

02197354 P-007 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.01	.01	.01	.01	.06	.01	.01	.05	.08	.08	.01
2	.01	.01	.01	.01	.01	.32	.01	.01	.01	.08	.06	.01
3	.01	.01	.01	.15	.01	.01	.01	.01	.01	.08	.03	.01
4	.01	.01	.01	.05	.01	.01	.01	.01	.01	.08	.03	.01
5	.01	.01	.01	.03	.10	.01	.01	.01	.01	.08	.02	.01
6	.01	.01	.01	.02	.05	.01	.01	.01	.01	.08	.01	.01
7	.01	.01	.01	.01	.01	.01	.01	.01	.01	.08	.01	.01
8	.01	.01	.01	.01	.01	.01	.01	.01	.01	.08	.01	.01
9	.01	.01	.01	.01	.01	.01	.01	.01	.33	.08	.01	.01
10	.01	.01	.01	.01	.09	.01	.01	.01	.33	.08	.01	.01
11	.01	.01	.01	.01	.01	.01	.01	.01	.33	.08	.01	.01
12	.01	.01	.01	.05	.01	.01	.01	.01	.33	.08	.01	.01
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.08	.01	.01
14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.08	.01	.01
15	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.01	.01
16	.01	.01	.01	.01	.01	.01	.01	.43	.01	.01	.01	.01
17	.01	.01	.01	.02	.01	.01	.01	.17	.01	.01	.01	.01
18	.01	.01	.01	.01	.01	.01	.01	.08	.01	.01	.01	.01
19	.01	.01	.01	.01	.01	.01	.01	.08	.01	.01	.01	.01
20	.01	.01	.01	.01	.01	.01	.01	.08	.01	.02	.01	.01
21	.01	.01	.01	.01	.01	.01	.01	.08	.01	.07	.01	.01
22	.01	.01	.01	.01	.01	.01	.01	.08	.01	.08	.01	.01
23	.01	.01	.01	.01	.01	.01	.01	.08	.01	.08	.01	.01
24	.01	.01	.01	.01	.11	.16	.01	.08	.01	.08	.01	.01
25	.01	.01	.01	.01	.01	1.6	.01	.08	.01	.08	.01	.01
26	.01	.01	.01	.01	.01	1.7	.01	.08	.01	.08	.01	.01
27	.01	.01	.01	.01	.01	1.7	.01	.08	.42	.08	.01	.01
28	.01	.01	.01	.03	.01	1.7	.01	.08	.08	.08	.01	.01
29	.45	.01	.01	.01	---	.33	.01	.08	.08	.08	.01	.01
30	.01	.01	.01	.01	---	.01	.01	.08	.08	.08	.01	.01
31	.01	---	.01	.01	---	.01	---	.08	---	.08	.01	---
TOTAL	0.75	0.30	0.31	0.59	0.59	7.80	0.30	1.87	2.24	2.09	0.48	0.30
MEAN	.024	.010	.010	.019	.021	.25	.010	.060	.075	.067	.015	.010
MAX	.45	.01	.01	.15	.11	1.7	.01	.43	.42	.08	.08	.01
MIN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

MEAN	.73	.84	.68	.68	.72	.69	.55	.61	.69	.68	.74	.70
MAX	1.19	2.12	1.21	1.13	1.21	1.60	.97	1.11	1.13	1.10	1.26	1.27
(WY)	1987	1986	1985	1985	1985	1987	1984	1984	1993	1984	1987	1986
MIN	.024	.010	.010	.019	.021	.098	.010	.060	.075	.067	.015	.010
(WY)	1994	1994	1994	1994	1994	1989	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS FOR 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1984 - 1994

ANNUAL TOTAL	109.19	17.62	
ANNUAL MEAN	.30	.048	.65
HIGHEST ANNUAL MEAN			1.03 1985
LOWEST ANNUAL MEAN			.048 1994
HIGHEST DAILY MEAN	3.7 Jun 13	1.7 Mar 26	9.0 Nov 23 1985
LOWEST DAILY MEAN	.00**Mar 9	.01 Oct 1	.00 * Apr 17 1987
ANNUAL SEVEN-DAY MINIMUM	.00 Apr 5	.01 Oct 1	.00 Oct 19 1988
INSTANTANEOUS PEAK FLOW		4.5 Mar 24	Unknown Oct 2 1989
INSTANTANEOUS PEAK STAGE		1.27 Mar 24	1.84 Oct 2 1989
10 PERCENT EXCEEDS	.88	.08	1.2
50 PERCENT EXCEEDS	.14	.01	.73
90 PERCENT EXCEEDS	.00	.01	.01

* Also occurred on Apr. 19, 1987, and many days in 1989 - 1994.

** Also occurred on many days in 1993.

*** Also occurred many days in 1994.

SAVANNAH RIVER BASIN

021973561 MEYERS BRANCH AT ROAD 9 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°10'00'', long 81°36'04'', Barnwell County, Hydrologic Unit 03060106, on upstream side of bridge at Road 9, at Savannah River Site.

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

GAGE.--Data collection platform. Elevation of gage is 140 ft above sea level (from topographic map).

REMARKS.--WATER YEAR 1993: Records good except for estimated daily discharges, Oct. 1, 2, 6, 7, 10 - 16, 18 - 21, Nov. 26 - 30, Dec. 1, 21, 22, 30, 31, Jan. 1 - 4, 9, 10, 23 - 26, 28, Mar. 6, 7, 18, 19, 22, 26, 27, Apr. 4, May 26, 27, June 3 - 7, July 6 - 8, which are poor.

WATER YEAR 1994: Records good except for estimated discharges, Oct. 30, Dec. 8, 9, 23, Jan. 15, 16, Feb. 3, 5, 6, 22, Mar. 6 - 9, 14, 19, 20, 30, 31, Apr. 3 - 5, Sept. 12, 13, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	9.0	12	12	14	18	40	9.7	7.3	6.7	6.4	5.9
2	7.3	9.8	13	12	14	18	24	9.5	12	6.5	6.4	5.9
3	7.6	11	13	12	13	25	19	9.5	9.8	6.1	6.8	5.9
4	17	10	13	12	13	38	18	17	7.7	5.9	8.0	5.9
5	11	11	13	12	14	26	39	18	6.9	5.8	7.2	29
6	9.1	11	13	18	20	22	30	11	7.0	5.7	6.8	12
7	8.4	10	14	26	24	20	21	10	6.7	6.1	9.5	9.0
8	13	9.8	13	101	31	19	18	9.7	6.5	6.8	11	9.1
9	63	9.7	13	46	24	18	18	9.2	6.4	6.0	8.4	8.4
10	13	9.7	19	26	25	17	20	8.9	6.1	5.7	7.8	8.0
11	12	9.6	15	24	23	16	16	8.7	6.8	5.6	7.2	8.0
12	10	17	13	39	22	16	15	8.5	11	5.5	6.9	9.2
13	9.3	16	13	34	20	35	14	11	30	5.4	6.6	6.6
14	8.8	11	13	24	19	25	13	11	15	5.3	11	6.5
15	8.5	11	13	20	19	20	13	9.2	9.2	5.2	12	6.7
16	8.5	10	12	20	24	19	13	8.5	7.8	5.2	8.0	6.6
17	8.5	9.9	14	18	23	20	12	8.1	7.2	7.6	7.1	11
18	8.7	10	14	16	21	18	12	8.7	6.9	11	6.7	9.9
19	8.7	10	13	16	20	17	12	10	6.6	13	6.5	8.1
20	8.6	10	12	15	19	15	12	10	6.5	9.6	6.4	8.0
21	8.4	25	12	30	19	15	12	8.8	6.5	7.4	7.3	10
22	8.4	34	14	23	25	15	11	8.3	6.5	6.8	13	10
23	8.5	21	12	17	21	25	11	7.9	6.1	19	8.0	8.2
24	8.5	18	12	22	19	29	11	7.7	6.1	32	7.2	7.6
25	8.5	16	11	24	18	20	11	7.5	6.2	12	6.5	7.3
26	8.5	20	11	19	25	46	11	7.5	6.6	8.9	6.4	7.2
27	8.6	15	13	17	21	65	10	7.6	7.5	7.9	6.3	7.2
28	8.7	14	15	16	19	33	10	7.2	6.7	7.4	6.4	7.2
29	8.8	13	13	15	---	23	10	7.2	7.7	7.1	6.5	7.2
30	8.9	12	13	15	---	20	10	7.0	7.8	7.0	6.2	7.3
31	9.0	---	12	14	---	43	---	7.3	---	6.6	6.1	---
TOTAL	343.0	403.5	406	715	569	756	486	290.2	251.1	256.8	236.6	258.9
MEAN	11.1	13.4	13.1	23.1	20.3	24.4	16.2	9.36	8.37	8.28	7.63	8.63
MAX	63	34	19	101	31	65	40	18	30	32	13	29
MIN	7.2	9.0	11	12	13	15	10	7.0	6.1	5.2	6.1	5.9

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

	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
MEAN	11.1	13.4	13.1	23.1	20.3	24.4	16.2	9.36	8.37	8.28	7.63	8.63
MAX	11.1	13.4	13.1	23.1	20.3	24.4	16.2	9.36	8.37	8.28	7.63	8.63
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
MIN	11.1	13.4	13.1	23.1	20.3	24.4	16.2	9.36	8.37	8.28	7.63	8.63
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993

SUMMARY STATISTICS

FOR 1993 WATER YEAR

ANNUAL TOTAL	4972.1
ANNUAL MEAN	13.6
HIGHEST DAILY MEAN	101 Jan 8
LOWEST DAILY MEAN	5.2 Jul 15
ANNUAL SEVEN-DAY MINIMUM	5.4 Jul 10
INSTANTANEOUS PEAK FLOW	137 Jan 8
INSTANTANEOUS PEAK STAGE	4.35 Jan 8
10 PERCENT EXCEEDS	24
50 PERCENT EXCEEDS	11
90 PERCENT EXCEEDS	6.5

SAVANNAH RIVER BASIN

021973561 MEYERS BRANCH AT ROAD 9 AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.4	11	12	11	13	16	13	6.7	5.1	8.3	6.8	4.3
2	7.5	10	11	14	12	49	12	6.6	4.9	7.6	6.4	19
3	7.4	10	11	13	13	24	12	6.7	4.8	7.4	5.8	16
4	7.4	10	11	15	13	19	11	7.6	6.3	7.7	5.5	8.6
5	7.2	15	13	11	21	16	11	7.4	7.4	8.4	5.3	7.2
6	7.4	13	11	10	17	14	12	6.9	6.0	7.4	5.3	6.8
7	7.9	10	11	10	14	14	14	6.6	6.5	6.6	5.3	6.7
8	8.0	10	11	11	15	13	11	6.7	6.1	6.1	5.1	6.5
9	8.0	10	10	10	14	13	10	6.6	5.8	5.7	4.8	7.0
10	7.8	10	12	10	18	21	9.9	6.4	6.0	5.3	4.7	6.6
11	8.0	10	13	10	17	16	9.5	6.4	5.6	5.3	4.6	6.4
12	8.6	10	11	19	15	14	9.4	6.2	5.7	5.1	4.6	5.8
13	8.7	10	11	13	14	13	12	5.9	6.4	6.1	7.2	5.5
14	8.8	11	14	12	13	17	9.9	5.8	5.4	5.6	8.4	5.2
15	8.7	11	12	11	13	13	9.3	7.9	8.9	5.1	6.7	5.0
16	10	11	10	11	12	12	9.1	12	9.9	4.7	14	6.2
17	11	11	9.9	14	12	12	8.5	6.8	7.1	4.6	12	6.4
18	9.9	11	9.9	17	12	12	8.3	5.9	8.5	5.0	8.2	8.1
19	9.4	11	9.9	12	11	12	8.1	5.6	8.6	5.2	7.3	8.4
20	9.4	11	11	12	11	11	7.9	5.5	6.6	6.3	6.5	6.7
21	9.5	11	12	11	11	11	7.8	5.5	5.9	8.2	7.4	6.2
22	9.4	11	10	11	11	11	9.8	5.4	5.6	7.3	9.0	5.9
23	10	11	14	11	11	10	10	5.3	5.8	9.3	6.8	5.8
24	10	11	12	11	18	12	8.2	5.1	5.6	8.2	5.9	13
25	9.5	11	11	11	14	51	7.8	5.0	6.0	6.6	5.4	9.1
26	12	11	10	11	14	23	7.4	4.9	7.0	6.0	5.1	7.5
27	11	27	10	11	13	17	7.1	5.4	27	7.3	4.8	6.7
28	9.8	16	9.9	18	12	15	6.9	5.1	15	14	4.6	6.1
29	10	13	9.6	15	---	22	6.8	5.0	11	9.7	4.5	5.7
30	33	12	9.3	19	---	15	6.7	5.0	11	8.1	4.4	5.4
31	13	---	9.3	15	---	14	---	5.3	---	7.3	4.3	---
TOTAL	305.7	350	341.8	390	384	532	286.4	193.2	231.5	215.5	196.7	223.8
MEAN	9.86	11.7	11.0	12.6	13.7	17.2	9.55	6.23	7.72	6.95	6.35	7.46
MAX	33	27	14	19	21	51	14	12	27	14	14	19
MIN	7.2	10	9.3	10	11	10	6.7	4.9	4.8	4.6	4.3	4.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1994, BY WATER YEAR (WY)

	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
MEAN	10.5	12.6	12.1	17.8	17.0	20.8	12.9	7.80	8.04	7.62	6.99	8.04
MAX	11.1	13.4	13.1	23.1	20.3	24.4	16.2	9.36	8.37	8.28	7.63	8.63
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
MIN	9.86	11.7	11.0	12.6	13.7	17.2	9.55	6.23	7.72	6.95	6.35	7.46
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1993 - 1994

ANNUAL TOTAL	4817.1	3650.6	11.8
ANNUAL MEAN	13.2	10.0	13.6
HIGHEST ANNUAL MEAN			10.0
LOWEST ANNUAL MEAN			1993
HIGHEST DAILY MEAN	101	51	101
LOWEST DAILY MEAN	5.2	4.3	4.3
ANNUAL SEVEN-DAY MINIMUM	5.4	4.6	4.6
INSTANTANEOUS PEAK FLOW		85	137
INSTANTANEOUS PEAK STAGE		3.66	4.35
10 PERCENT EXCEEDS	24	14	19
50 PERCENT EXCEEDS	10	9.9	10
90 PERCENT EXCEEDS	6.5	5.4	5.9

SAVANNAH RIVER BASIN

021973561 MEYERS BRANCH AT ROAD 9 AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: December 1992 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.5°C, July 16, 1993; minimum, 2.0°C, Jan. 20, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.5°C, July 16, 17, 19; minimum, 2.0°C, Jan. 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1992 SEPTEMBER 1993

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	17.5	15.0	16.0
6	---	---	---	---	---	---	---	---	---	16.0	15.0	15.5
7	---	---	---	---	---	---	---	---	---	15.5	14.0	15.0
8	---	---	---	---	---	---	---	---	---	15.0	14.0	14.5
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	11.0	10.0	10.5
12	---	---	---	---	---	---	---	---	---	11.5	10.0	10.5
13	---	---	---	---	---	---	---	---	---	13.5	11.0	12.0
14	---	---	---	---	---	---	---	---	---	12.0	9.5	11.0
15	---	---	---	---	---	---	---	---	---	10.5	8.5	9.5
16	---	---	---	---	---	---	---	---	---	11.0	9.0	10.5
17	---	---	---	---	---	---	---	---	---	11.0	7.0	9.0
18	---	---	---	---	---	---	---	---	---	11.5	8.5	10.0
19	---	---	---	---	---	---	---	---	---	12.0	10.5	11.0
20	---	---	---	---	---	---	---	---	---	10.5	9.0	9.5
21	---	---	---	---	---	---	---	---	---	11.5	9.5	10.5
22	---	---	---	---	---	---	---	---	---	13.5	11.0	12.0
23	---	---	---	---	---	---	15.5	13.0	14.0	---	---	---
24	---	---	---	---	---	---	14.5	11.0	13.5	---	---	---
25	---	---	---	---	---	---	11.5	8.0	10.0	---	---	---
26	---	---	---	---	---	---	11.0	9.5	10.0	---	---	---
27	---	---	---	---	---	---	10.0	8.0	9.0	10.0	5.5	7.5
28	---	---	---	---	---	---	9.5	8.0	8.5	10.5	6.0	8.0
29	---	---	---	---	---	---	12.0	9.0	10.5	11.0	7.0	9.0
30	---	---	---	---	---	---	12.5	11.5	12.0	10.5	7.5	9.0
31	---	---	---	---	---	---	14.0	11.5	12.5	10.5	5.0	8.0
MONTH	---	---	---	---	---	---	15.5	8.0	11.1	17.5	5.0	10.9

SAVANNAH RIVER BASIN

021973561 MEYERS BRANCH AT ROAD 9 AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16.5	12.0	14.5	12.0	9.5	10.5	11.0	9.0	10.0	8.0	4.5	6.5
2	17.5	13.5	15.5	11.5	8.5	10.0	12.0	8.5	10.0	10.5	7.0	8.5
3	19.0	15.0	17.0	13.0	9.5	11.0	13.0	8.5	10.5	11.0	9.0	10.0
4	19.5	16.0	18.0	15.5	12.0	13.5	15.5	11.5	13.5	10.5	8.0	9.0
5	18.5	15.0	17.0	16.0	15.0	15.5	15.0	13.0	14.0	8.5	6.0	7.5
6	18.0	16.0	17.0	17.5	14.5	16.5	13.5	10.5	12.0	9.0	5.0	7.0
7	18.5	17.0	17.5	15.0	11.5	13.0	12.0	8.5	10.5	12.0	6.5	9.0
8	19.5	17.5	18.5	12.5	9.5	11.0	12.0	8.0	10.0	11.5	8.0	10.0
9	20.5	17.5	19.0	12.5	11.5	11.5	11.5	7.5	9.5	8.0	5.0	6.5
10	21.0	19.0	20.0	13.5	11.5	12.0	11.5	9.5	10.5	7.5	4.0	5.5
11	19.5	15.0	16.5	12.5	9.0	11.0	11.5	8.0	10.5	10.0	6.0	7.5
12	17.0	14.0	15.5	13.0	9.0	11.0	9.0	6.0	7.5	11.5	9.5	10.5
13	16.5	12.5	14.5	15.5	12.0	13.5	8.5	5.5	7.0	11.0	9.5	10.0
14	17.0	15.0	16.0	18.0	14.0	16.0	9.5	7.5	8.5	10.5	8.5	9.5
15	18.0	16.0	17.0	19.0	16.0	17.5	10.0	8.5	9.5	8.5	5.0	6.5
16	18.0	17.0	17.5	19.5	16.5	17.5	11.0	7.5	9.0	5.0	3.0	4.0
17	19.0	17.5	18.0	19.5	17.0	18.0	11.0	7.5	9.0	8.5	4.0	6.0
18	19.5	16.0	18.0	18.5	15.5	17.0	11.5	7.5	9.5	8.5	5.5	7.0
19	20.0	18.0	19.0	16.0	12.5	14.5	11.0	8.5	9.5	5.5	2.5	4.0
20	21.0	19.0	20.0	15.5	12.0	14.5	9.0	7.0	8.0	5.5	2.0	3.5
21	21.5	19.0	20.0	12.5	9.0	11.0	10.5	8.0	9.5	6.0	2.5	4.0
22	20.5	16.5	18.5	14.0	10.0	12.0	8.5	7.0	7.5	6.5	2.5	4.5
23	16.5	15.5	16.0	14.0	10.5	12.0	8.5	6.0	7.0	7.0	2.5	5.0
24	17.5	15.0	16.0	14.5	11.0	12.5	7.0	5.5	6.5	9.5	4.5	6.5
25	18.0	16.0	17.0	14.0	10.0	12.0	8.0	5.5	6.5	10.5	5.5	8.0
26	18.0	16.5	17.0	14.0	12.5	13.5	7.5	4.5	6.0	12.0	8.5	10.0
27	17.5	14.5	16.0	14.5	13.5	14.0	9.0	4.5	7.0	11.0	10.0	10.0
28	16.5	13.5	16.0	14.0	11.5	13.0	10.0	6.0	8.0	13.0	10.0	11.5
29	14.5	11.0	13.0	12.0	8.5	10.5	11.0	9.0	10.0	13.0	11.5	12.0
30	17.0	13.5	15.5	11.5	7.5	9.5	9.5	6.0	8.0	11.5	10.0	11.0
31	16.0	11.0	13.0	---	---	---	7.5	3.5	5.5	10.5	8.0	9.5
MONTH	21.5	11.0	16.9	19.5	7.5	13.2	15.5	3.5	9.0	13.0	2.0	7.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	6.0	7.5	13.5	8.5	11.0	16.5	10.5	13.5	21.5	19.5	20.5
2	8.5	5.5	7.0	13.0	11.0	12.5	17.0	10.0	13.5	20.0	18.0	19.0
3	8.5	3.5	6.0	13.5	9.0	11.0	17.5	11.5	15.0	18.0	16.5	17.0
4	9.5	5.0	7.0	14.5	8.0	11.5	---	---	---	17.0	16.0	16.5
5	9.0	7.0	8.0	16.5	10.5	13.5	---	---	---	18.0	15.0	16.5
6	11.5	8.0	10.0	16.5	10.0	13.5	19.5	16.5	18.0	18.5	14.0	16.5
7	13.5	10.0	11.5	17.5	11.5	14.5	18.5	15.0	17.0	19.5	14.5	17.5
8	14.0	11.0	12.0	18.5	12.5	15.5	17.5	12.5	15.0	20.5	17.5	18.5
9	17.0	12.5	14.5	18.5	14.5	16.5	18.0	14.5	16.0	19.0	15.5	17.5
10	15.0	11.0	13.5	18.5	13.5	17.0	20.0	14.5	17.0	19.5	17.0	18.0
11	11.0	8.5	9.5	14.5	9.5	12.0	20.5	15.5	18.5	20.0	15.5	18.0
12	10.0	8.5	9.0	14.0	7.5	11.0	20.0	17.0	18.5	21.0	17.0	19.5
13	12.5	9.0	10.5	15.0	9.5	12.0	20.5	18.0	19.0	21.0	18.0	19.5
14	11.5	7.0	9.0	16.0	11.0	13.5	20.5	15.5	18.0	21.0	16.5	19.0
15	12.0	5.5	9.0	16.5	9.5	13.0	20.5	17.0	19.0	21.0	19.0	20.0
16	13.0	8.5	10.5	16.5	11.5	14.0	20.5	17.0	19.5	22.5	19.0	20.5
17	12.0	7.5	10.0	15.0	9.0	12.0	18.5	13.5	16.5	21.0	17.5	19.5
18	15.0	10.0	12.0	16.5	9.0	13.0	19.0	13.5	16.5	20.0	16.5	18.0
19	16.0	11.0	13.5	18.0	12.0	15.0	19.5	14.5	17.0	18.5	16.5	17.5
20	17.0	12.5	15.0	18.0	11.5	15.0	20.5	16.0	18.5	17.5	14.5	16.0
21	17.0	12.5	14.5	20.0	14.5	17.0	20.0	17.0	18.5	17.5	13.0	15.5
22	17.0	12.0	14.5	20.0	15.0	17.5	19.5	17.5	18.5	19.0	14.0	16.5
23	17.5	15.0	16.0	17.5	12.0	15.0	18.0	15.5	17.0	20.5	15.0	17.5
24	16.5	12.5	15.0	19.0	15.5	17.0	18.5	13.0	16.0	21.0	16.5	19.0
25	14.0	8.5	11.5	19.5	16.5	17.5	19.5	15.0	17.5	21.5	18.0	20.0
26	14.0	9.0	11.0	19.0	13.5	16.5	20.5	16.5	19.0	22.5	19.5	21.0
27	12.0	7.5	9.5	21.0	16.5	18.5	21.0	17.0	19.5	22.5	20.0	21.0
28	10.0	7.0	8.5	20.0	17.0	18.5	21.5	17.5	19.5	21.0	18.0	19.5
29	---	---	---	18.0	14.5	16.5	21.0	18.0	19.5	21.5	18.5	20.0
30	---	---	---	17.0	11.5	14.5	20.5	17.0	19.0	20.0	17.0	18.5
31	---	---	---	17.5	12.5	15.0	---	---	---	21.5	19.5	20.5
MONTH	17.5	3.5	10.9	21.0	7.5	14.5	21.5	10.0	17.5	22.5	13.0	18.5

SAVANNAH RIVER BASIN

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°08'44'', long 81°37'44'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A, 160 ft downstream from Meyers Branch, at Savannah River Site.

PERIOD OF RECORD.--March 1985 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Oct. 1 - 26, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	80	84	88	91	91	85	75	75	78	73	71
2	72	79	84	97	90	156	84	75	75	79	73	75
3	70	78	84	93	89	111	83	75	75	77	72	124
4	70	77	84	105	88	98	82	77	75	77	71	106
5	68	84	88	91	82	93	82	77	79	78	71	91
6	68	88	85	89	107	91	87	75	76	76	71	69
7	70	80	83	89	93	90	96	75	77	74	71	69
8	70	79	82	92	94	89	87	75	77	73	71	69
9	70	78	82	90	94	88	86	75	75	73	70	69
10	70	78	83	89	103	101	85	75	76	72	70	69
11	70	78	89	90	104	96	84	75	76	71	70	69
12	70	78	85	107	99	89	83	75	75	71	70	66
13	70	78	83	99	94	89	88	75	76	72	74	65
14	70	78	88	93	91	96	85	75	75	72	79	64
15	70	78	91	91	90	90	83	78	79	70	75	64
16	71	79	85	91	90	88	82	93	86	70	82	67
17	74	80	84	96	89	87	82	78	78	69	93	69
18	76	81	84	112	94	87	82	75	78	71	78	70
19	95	81	84	98	89	86	81	75	82	73	76	73
20	74	80	85	96	88	86	80	75	76	73	75	68
21	74	80	90	96	88	86	79	75	75	76	75	67
22	74	80	86	95	88	85	83	75	75	80	80	66
23	74	80	92	96	88	84	86	75	75	88	76	66
24	74	80	91	96	104	88	81	75	75	82	74	74
25	74	80	86	95	91	161	82	75	75	76	73	73
26	77	79	86	95	88	106	81	74	77	74	72	69
27	79	101	86	90	87	95	81	74	110	76	72	67
28	77	95	86	101	87	99	80	74	114	94	71	66
29	76	87	86	97	---	128	80	74	84	84	72	66
30	125	86	87	103	---	113	80	75	84	77	72	66
31	90	---	86	98	---	97	---	76	---	75	71	---
TOTAL	2334	2440	2659	2958	2580	3044	2500	2350	2385	2351	2293	2167
MEAN	75.3	81.3	85.8	95.4	92.1	98.2	83.3	75.8	79.5	75.8	74.0	72.2
MAX	125	101	92	112	107	161	96	93	114	94	93	124
MIN	68	77	82	88	82	84	79	74	75	69	70	64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1994, BY WATER YEAR (WY)

	83.5	158	186	185	184	211	222	190	205	125	87.9	86.0
MAX	158	314	427	368	402	381	428	417	376	261	175	133
(WY)	1981	1986	1987	1988	1988	1988	1988	1988	1987	1981	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

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1985 - 1994

ANNUAL TOTAL	42464	30061	
ANNUAL MEAN	116	82.4	168
HIGHEST ANNUAL MEAN			287
LOWEST ANNUAL MEAN			82.4
HIGHEST DAILY MEAN	374	Mar 8	500
LOWEST DAILY MEAN	10	Sep 16	7.7
ANNUAL SEVEN-DAY MINIMUM	42	Aug 29	12
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE			4.32
10 PERCENT EXCEEDS	226	96	382
50 PERCENT EXCEEDS	88	80	109
90 PERCENT EXCEEDS	60	70	50

* Also occurred on Sept. 15.

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 sea level (levels by USGS personnel, Bench Mark elevation supplied by SRS.)

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.03 ft, Jan. 16, 17, 1993; minimum .48 ft, Aug. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.38 ft, July 10; minimum, 1.30 ft, May 29.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	3.90	3.93	---	5.23	10.57	4.55	2.55	---	---	---
2	---	---	2.94	2.68	---	6.04	10.08	2.67	2.13	---	---	---
3	1.96	---	2.14	3.46	---	8.94	8.51	3.76	2.61	---	---	---
4	1.96	3.20	1.94	4.30	---	10.84	4.97	4.37	3.37	---	---	---
5	2.87	2.58	1.97	5.24	---	11.06	5.39	4.28	1.98	---	---	---
6	3.88	2.41	2.37	5.82	---	8.80	---	4.06	1.77	---	---	---
7	3.16	2.19	3.07	5.22	4.48	6.34	---	2.88	2.57	---	---	---
8	2.14	2.57	3.38	4.47	5.71	---	---	2.11	2.64	12.74	---	---
9	1.72	3.20	3.08	2.92	5.17	---	5.16	2.39	2.93	12.97	---	---
10	1.52	3.37	3.18	3.93	6.31	5.04	4.40	3.46	3.85	13.32	---	---
11	---	3.13	2.84	5.22	7.03	8.28	3.94	2.99	3.17	13.04	---	---
12	---	2.81	2.13	4.25	8.21	8.62	6.70	3.31	2.51	11.33	---	---
13	---	2.01	2.56	3.61	7.88	---	8.23	3.29	2.40	8.48	---	---
14	---	1.77	3.72	4.59	6.34	---	8.87	2.10	3.30	6.00	---	---
15	1.92	1.74	4.35	---	5.88	---	8.98	1.76	3.96	5.53	---	---
16	1.77	2.05	4.03	---	5.16	---	9.03	2.11	3.49	6.81	---	---
17	1.79	2.23	3.92	---	4.60	6.78	8.30	2.75	2.71	7.48	---	---
18	1.92	2.08	3.47	---	2.91	7.20	5.21	3.37	2.50	7.88	---	---
19	2.27	2.00	2.83	---	2.46	5.94	3.13	3.12	2.07	8.32	---	---
20	2.22	2.29	2.18	---	2.57	4.94	3.51	3.05	2.20	8.34	---	---
21	1.93	2.24	3.28	---	2.72	4.01	3.84	2.43	2.78	8.49	---	---
22	1.91	2.23	3.31	---	3.07	3.59	4.53	1.86	4.20	8.36	---	---
23	1.97	2.80	3.21	---	4.01	3.68	5.05	2.13	5.05	---	---	---
24	2.23	2.38	3.75	---	4.95	3.73	2.53	3.71	4.07	---	---	---
25	2.18	2.29	3.29	---	6.92	5.14	3.20	5.15	3.12	---	---	---
26	3.04	2.64	2.82	---	7.63	7.91	5.66	3.59	2.09	---	---	---
27	3.43	2.81	2.67	---	5.66	8.93	6.45	3.00	2.28	---	---	---
28	3.02	2.75	2.84	---	4.65	7.76	6.46	2.11	4.21	---	---	---
29	2.24	3.09	3.37	---	---	7.70	5.19	1.41	---	---	---	---
30	2.48	4.59	2.30	---	---	9.35	5.13	1.47	---	---	---	---
31	---	---	3.45	---	---	10.53	---	2.30	---	---	---	---
MEAN	2.31	2.57	3.04	4.26	5.20	7.06	6.04	2.95	2.95	9.27	---	---
MAX	3.88	4.59	4.35	5.82	8.21	11.06	10.57	5.15	5.05	13.32	---	---
MIN	1.52	1.74	1.94	2.68	2.46	3.59	2.53	1.41	1.77	5.53	---	---

SAVANNAH RIVER BASIN

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980 to 1994.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to July 1994 (discontinued).

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, Jan. 20, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.0°C, June 15, 20 - 23; minimum, 0.5°C, Jan. 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	11.5	8.5	10.0	11.0	8.5	10.0	7.0	4.0	5.5
2	---	---	---	---	---	---	12.0	8.0	10.0	10.5	6.5	8.0
3	22.0	18.5	20.0	---	---	---	13.5	9.0	11.0	10.5	8.5	9.5
4	23.0	19.5	21.0	16.5	12.5	14.0	16.5	12.0	14.0	10.0	7.0	8.5
5	22.5	19.0	20.5	17.0	15.5	16.0	16.5	13.5	15.0	7.5	4.5	6.0
6	21.5	19.0	20.0	18.5	16.0	17.0	14.0	11.0	12.5	8.0	4.0	6.0
7	21.0	19.0	20.0	16.0	11.5	13.0	12.5	9.5	11.0	12.0	6.0	8.0
8	22.5	20.0	21.0	12.5	9.5	11.0	12.0	8.0	10.0	12.0	8.5	10.5
9	22.5	20.0	21.0	12.0	11.0	11.5	11.5	8.0	10.0	8.5	4.0	6.0
10	22.5	17.5	21.0	14.0	11.0	12.0	11.5	9.5	10.5	6.5	3.0	4.5
11	---	---	---	13.0	9.0	11.0	11.5	8.5	10.5	9.0	5.0	6.5
12	---	---	---	13.5	9.0	11.0	9.0	5.5	7.0	11.5	8.5	10.0
13	---	---	---	17.0	12.0	14.0	8.0	4.5	6.5	11.0	9.5	10.0
14	19.0	16.5	17.5	19.5	15.0	17.0	9.0	7.0	7.5	10.0	7.5	9.0
15	20.5	17.5	18.5	20.5	17.0	18.5	9.0	8.0	8.5	8.5	4.5	6.0
16	20.0	18.5	19.5	21.0	17.5	19.5	10.5	7.0	8.5	4.5	1.0	2.5
17	20.5	19.0	20.0	21.0	18.5	20.0	11.0	7.5	9.0	7.5	2.5	4.0
18	22.0	18.0	20.0	20.5	17.5	19.0	12.0	8.0	9.5	7.5	4.5	6.0
19	23.5	20.0	21.5	18.0	14.0	15.5	11.5	9.0	10.0	5.5	1.0	2.5
20	23.5	21.0	22.5	16.5	14.0	15.5	10.0	6.5	8.0	3.5	0.5	1.5
21	24.5	21.0	23.0	14.0	10.0	11.5	10.5	8.0	9.0	4.0	1.5	2.5
22	24.0	19.0	21.5	14.5	10.5	12.0	9.0	6.0	7.0	5.5	1.5	3.0
23	19.0	16.0	17.0	15.0	11.0	13.0	7.5	4.5	6.0	6.5	2.0	4.0
24	18.5	15.5	16.5	15.5	11.5	13.5	6.5	5.0	5.5	9.5	3.5	6.0
25	19.0	17.0	18.0	14.5	11.0	13.0	7.0	4.0	5.5	10.5	5.0	7.5
26	19.0	17.5	18.5	14.5	13.0	13.5	6.5	3.0	5.0	12.0	8.0	9.5
27	19.0	16.0	17.5	15.5	14.0	14.5	8.5	3.5	6.0	11.5	9.0	10.0
28	19.0	16.5	17.5	15.0	12.0	13.0	10.0	5.5	7.5	13.5	9.0	11.0
29	16.5	12.0	14.0	12.0	9.0	10.5	11.0	8.5	9.5	13.5	11.5	12.5
30	17.5	14.5	16.0	11.5	8.0	9.5	10.0	6.5	7.5	11.5	10.0	10.5
31	17.0	11.0	13.5	---	---	---	6.5	3.0	5.0	10.0	8.0	9.0
MONTH	24.5	11.0	19.1	21.0	8.0	13.9	16.5	3.0	8.8	13.5	0.5	7.0

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.0	5.5	7.0	14.5	9.0	11.0	17.5	16.0	16.5	25.5	22.0	23.5
2	8.0	4.5	6.0	14.5	12.0	13.5	18.0	14.5	16.5	25.0	21.0	22.5
3	8.0	2.5	5.0	12.0	9.0	10.0	19.0	15.5	17.5	22.5	19.0	20.0
4	10.0	4.5	7.0	11.0	10.5	10.5	21.0	16.5	19.0	19.5	17.5	18.5
5	9.0	7.0	8.0	16.0	10.5	13.0	21.5	16.5	19.0	21.0	17.0	18.5
6	11.5	8.5	9.5	17.0	13.5	15.5	---	---	---	22.5	17.0	19.5
7	13.5	9.5	11.5	18.5	14.5	16.5	---	---	---	23.0	18.0	20.5
8	14.5	11.0	12.5	20.5	15.5	18.0	---	---	---	23.5	20.0	21.5
9	18.0	13.0	15.0	21.5	17.0	19.0	20.5	16.5	18.5	23.0	18.0	20.5
10	17.5	12.5	15.5	21.0	18.0	19.5	23.5	17.0	20.0	22.5	19.0	21.0
11	12.5	8.5	10.0	18.0	11.0	14.0	24.5	18.5	21.5	24.5	19.0	21.5
12	9.0	8.0	8.5	15.5	10.0	12.5	23.5	19.5	21.0	25.0	20.5	22.5
13	12.0	8.5	9.5	16.5	11.5	13.5	20.5	18.0	19.5	25.0	21.0	23.0
14	11.5	7.0	9.0	18.5	13.0	15.5	18.0	17.5	18.0	25.0	20.0	22.5
15	12.5	6.0	9.0	18.5	12.0	15.0	18.5	17.5	18.0	25.0	21.5	23.0
16	13.5	9.5	11.0	18.0	13.5	16.0	18.5	17.5	18.0	26.5	21.5	24.0
17	12.5	8.0	10.5	16.5	10.5	13.5	21.5	17.0	19.0	25.0	20.5	23.0
18	16.5	10.0	12.5	18.5	11.5	14.5	22.5	17.0	19.5	24.0	19.5	21.5
19	17.5	11.5	14.5	20.5	14.5	17.5	23.5	17.5	20.5	23.0	19.0	21.0
20	19.5	13.5	16.0	21.0	14.5	17.5	25.0	19.0	21.5	20.5	17.0	19.0
21	19.0	14.0	16.5	23.0	17.0	19.5	24.0	19.5	22.0	21.0	16.5	18.5
22	19.0	13.5	16.0	23.0	18.5	20.5	23.5	20.0	21.5	23.0	17.0	20.0
23	19.0	16.0	17.5	21.0	15.0	18.0	21.5	17.0	19.5	24.5	18.5	21.0
24	18.5	15.0	16.5	21.0	17.5	19.0	22.0	15.5	19.0	24.0	20.5	22.0
25	15.5	10.0	12.5	22.5	18.5	20.0	23.5	17.5	20.5	25.0	21.5	23.0
26	15.5	10.5	12.5	21.0	16.0	18.5	24.5	19.5	22.0	25.5	22.5	24.0
27	14.0	8.0	11.0	23.5	18.5	20.5	24.0	20.5	21.5	25.0	23.0	24.0
28	11.0	7.0	9.0	23.0	19.5	21.5	23.5	19.5	21.5	25.0	21.0	23.0
29	---	---	---	20.5	16.5	18.5	25.5	21.0	23.0	25.0	21.5	23.5
30	---	---	---	19.0	14.0	15.5	25.0	20.5	22.5	24.0	20.5	22.0
31	---	---	---	16.0	15.0	15.5	---	---	---	24.5	21.5	22.5
MONTH	19.5	2.5	11.4	23.5	9.0	16.2	25.5	14.5	19.9	26.5	16.5	21.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	26.0	22.5	24.0	---	---	---	---	---	---	---	---	---
2	27.0	23.5	25.5	24.0	20.5	21.0	---	---	---	---	---	---
3	27.5	24.0	26.0	25.0	21.5	22.5	---	---	---	---	---	---
4	27.5	24.5	26.0	21.5	21.0	21.5	---	---	---	---	---	---
5	27.0	24.0	25.5	21.5	20.5	21.0	---	---	---	---	---	---
6	26.0	24.5	25.0	---	---	---	---	---	---	---	---	---
7	26.0	24.0	25.0	---	---	---	---	---	---	---	---	---
8	27.0	24.5	25.5	24.0	22.5	23.5	---	---	---	---	---	---
9	26.5	24.0	25.5	24.0	23.0	23.5	---	---	---	---	---	---
10	26.5	23.5	25.0	23.5	23.0	23.0	---	---	---	---	---	---
11	27.0	23.5	25.5	23.0	22.5	23.0	---	---	---	---	---	---
12	27.5	25.0	26.5	24.0	22.5	23.5	---	---	---	---	---	---
13	28.5	24.0	26.0	25.0	23.5	24.5	---	---	---	---	---	---
14	28.0	25.0	26.5	26.0	24.0	25.0	---	---	---	---	---	---
15	29.0	25.0	27.0	27.0	25.0	26.0	---	---	---	---	---	---
16	28.0	25.0	26.5	28.0	25.5	26.5	---	---	---	---	---	---
17	28.5	24.0	26.0	28.5	26.0	27.0	---	---	---	---	---	---
18	27.0	24.0	25.5	28.0	26.0	27.0	---	---	---	---	---	---
19	27.5	23.0	25.0	27.5	24.5	26.0	---	---	---	---	---	---
20	29.0	24.0	26.0	27.0	25.0	26.0	---	---	---	---	---	---
21	29.0	25.0	27.0	26.5	24.0	25.5	---	---	---	---	---	---
22	29.0	25.5	27.0	27.0	24.0	25.5	---	---	---	---	---	---
23	29.0	25.5	27.0	---	---	---	---	---	---	---	---	---
24	28.5	25.5	27.0	---	---	---	---	---	---	---	---	---
25	27.5	24.5	26.0	---	---	---	---	---	---	---	---	---
26	25.5	23.5	24.5	---	---	---	---	---	---	---	---	---
27	25.0	23.0	24.0	---	---	---	---	---	---	---	---	---
28	25.5	21.5	23.5	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	29.0	21.5	25.7	28.5	20.5	24.3	---	---	---	---	---	---
YEAR	29.0	.5	16.4									

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 current year.

GAGE.--Data collection platform. Elevation of gage is 170 ft above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 65.93 ft, Sept. 26, 27, 1994; minimum gage height, 63.52 ft, Aug. 30, 31, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 65.93 ft, Sept. 26, 27; minimum gage height, 63.85 ft, July 12.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64.20	64.19	64.46	64.29	64.52	64.57	64.46	64.41	64.30	64.37	64.89	65.66
2	64.15	64.16	64.40	64.29	64.45	64.85	64.43	64.43	64.33	64.36	64.92	65.68
3	64.11	64.10	64.33	64.26	64.39	64.85	64.41	64.40	64.37	64.31	64.88	65.74
4	64.06	64.07	64.28	64.29	64.33	64.76	64.38	64.35	64.39	64.29	64.82	65.75
5	64.02	64.18	64.26	64.26	64.33	64.66	64.36	64.31	64.42	64.26	64.81	65.75
6	63.96	64.28	64.21	64.23	64.37	64.56	64.33	64.26	64.44	64.22	64.81	65.75
7	63.92	64.32	64.18	64.20	64.34	64.46	64.32	64.22	64.45	64.17	64.81	65.76
8	63.94	64.36	64.22	64.18	64.32	64.36	64.28	64.18	64.42	64.12	64.79	65.76
9	64.04	64.40	64.27	64.19	64.30	64.31	64.24	64.15	64.39	64.06	64.78	65.78
10	64.14	64.44	64.33	64.22	64.31	64.35	64.22	64.13	64.35	64.00	64.78	65.79
11	64.21	64.47	64.40	64.25	64.31	64.38	64.20	64.13	64.31	63.93	64.81	65.75
12	64.28	64.51	64.45	64.37	64.29	64.37	64.20	64.14	64.29	63.87	64.91	65.67
13	64.31	64.55	64.49	64.45	64.25	64.35	64.23	64.14	64.28	63.93	65.02	65.65
14	64.34	64.50	64.56	64.51	64.22	64.38	64.24	64.15	64.24	64.02	65.17	65.64
15	64.36	64.43	64.57	64.53	64.24	64.37	64.23	64.18	64.20	64.04	65.28	65.64
16	64.33	64.37	64.52	64.56	64.29	64.33	64.22	64.31	64.15	64.02	65.49	65.65
17	64.31	64.31	64.47	64.60	64.33	64.30	64.21	64.34	64.13	64.00	65.69	65.65
18	64.27	64.27	64.41	64.63	64.38	64.27	64.19	64.31	64.13	64.03	65.72	65.68
19	64.25	64.33	64.36	64.56	64.42	64.24	64.17	64.29	64.14	64.09	65.72	65.73
20	64.29	64.41	64.31	64.49	64.47	64.22	64.15	64.28	64.13	64.18	65.67	65.73
21	64.33	64.48	64.29	64.42	64.51	64.20	64.14	64.27	64.13	64.30	65.63	65.72
22	64.36	64.55	64.25	64.36	64.56	64.17	64.16	64.26	64.13	64.35	65.65	65.71
23	64.34	64.61	64.32	64.37	64.62	64.14	64.18	64.26	64.13	64.41	65.65	65.71
24	64.26	64.60	64.38	64.42	64.78	64.17	64.17	64.27	64.12	64.45	65.65	65.84
25	64.18	64.55	64.41	64.46	64.77	64.53	64.18	64.27	64.13	64.48	65.65	65.90
26	64.14	64.49	64.44	64.50	64.72	64.64	64.21	64.27	64.17	64.50	65.65	65.92
27	64.10	64.56	64.46	64.54	64.65	64.65	64.25	64.28	64.21	64.55	65.65	65.92
28	64.02	64.63	64.50	64.59	64.59	64.64	64.30	64.29	64.29	64.69	65.65	65.91
29	63.96	64.58	64.49	64.58	---	64.60	64.34	64.28	64.31	64.76	65.65	65.91
30	64.14	64.52	64.42	64.58	---	64.51	64.38	64.28	64.35	64.80	65.65	65.91
31	64.21	---	64.35	64.57	---	64.49	---	64.29	---	64.85	65.65	---
MEAN	64.18	64.41	64.38	64.41	64.43	64.44	64.26	64.26	64.26	64.27	65.29	65.76
MAX	64.36	64.63	64.57	64.63	64.78	64.85	64.46	64.43	64.45	64.85	65.72	65.92
MIN	63.92	64.07	64.18	64.18	64.22	64.14	64.14	64.13	64.12	63.87	64.78	65.64

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 sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Jan. 15 - 21, 24 - 25, Feb. 5, 21 - 28, Mar. 1, May 30 - 31, July 20, 23 - 25, 31, Aug. 1, 3 - 5, 8 - 10, Sept. 5 - 12, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.2	17	16	3.0	3.0	2.5	3.2	40	37	5.8	5.4	5.4
2	9.2	17	12	3.0	3.0	3.5	3.3	6.6	37	6.2	5.4	6.0
3	9.2	17	12	3.1	3.0	2.8	3.5	5.2	37	6.2	5.4	5.3
4	9.2	18	13	3.0	3.0	2.7	3.7	6.5	38	6.5	5.5	5.0
5	12	9.0	13	3.0	3.3	2.5	3.7	6.5	38	6.4	5.7	5.2
6	17	8.8	13	3.0	3.2	2.5	3.7	6.4	26	6.4	5.7	5.2
7	33	8.8	13	3.0	3.2	2.5	3.9	6.5	7.3	6.4	5.7	5.4
8	40	8.8	13	3.0	3.2	2.5	3.9	12	4.1	6.4	5.7	5.4
9	40	8.8	13	3.0	3.2	2.5	9.1	20	6.3	6.4	5.6	5.4
10	42	8.8	13	3.0	3.2	2.9	16	39	6.5	6.4	39	5.4
11	27	8.8	13	3.0	3.0	2.6	17	34	6.7	15	58	5.4
12	11	8.8	13	3.1	3.0	2.4	17	35	6.4	80	59	5.4
13	8.4	8.8	13	3.2	2.9	2.4	17	35	6.2	105	60	5.5
14	8.4	9.2	13	3.1	2.7	2.6	17	36	5.7	47	59	5.7
15	8.4	9.2	13	3.0	2.7	2.5	17	36	14	36	60	5.4
16	8.4	10	13	3.0	2.7	2.5	17	35	34	36	28	5.6
17	8.4	31	13	3.0	2.7	2.5	17	33	35	36	7.8	5.8
18	8.4	31	9.4	3.0	2.7	2.5	17	34	35	36	6.4	5.8
19	8.4	31	3.4	3.0	2.7	2.5	17	35	35	36	6.4	5.7
20	8.4	31	3.2	3.0	2.7	2.5	22	35	35	37	6.4	5.7
21	8.4	31	3.2	3.0	2.7	2.5	25	35	35	36	6.6	5.7
22	8.7	31	3.2	3.0	2.7	11	25	35	36	36	6.2	5.7
23	8.8	30	3.2	3.0	3.0	29	26	35	35	37	6.0	5.7
24	8.8	26	3.2	3.0	3.1	31	29	36	35	50	5.6	6.1
25	8.9	18	3.2	3.1	2.7	16	51	36	35	63	5.4	6.0
26	9.2	18	3.0	3.3	2.6	3.0	53	36	34	61	5.4	6.0
27	9.2	19	3.0	3.4	2.4	3.0	53	36	28	57	5.0	6.0
28	9.2	19	3.0	3.4	2.5	2.8	53	36	8.8	57	4.6	5.4
29	15	19	3.0	3.2	---	3.2	52	36	2.2	55	4.7	8.2
30	17	19	3.0	3.3	---	3.2	52	36	4.9	55	4.7	11
31	17	---	3.0	3.2	---	3.2	---	37	---	56	4.9	---
TOTAL	446.2	530.8	272.0	95.4	80.8	159.8	648.0	890.7	704.1	1090.1	499.2	175.5
MEAN	14.4	17.7	8.77	3.08	2.89	5.15	21.6	28.7	23.5	35.2	16.1	5.85
MAX	42	31	16	3.4	3.3	31	53	40	38	105	60	11
MIN	8.4	8.8	3.0	3.0	2.4	2.4	3.2	5.2	2.2	5.8	4.6	5.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1994, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
MEAN	164	167	172	191	193	189	96.5	126	118	143	172
MAX	447	424	422	393	419	431	365	379	360	425	411
(WY)	1988	1986	1987	1986	1988	1988	1986	1986	1984	1987	1986
MIN	2.48	2.81	1.36	1.14	.87	.56	4.09	5.06	1.10	.34	.058
(WY)	1992	1993	1993	1993	1993	1991	1993	1993	1991	1991	1991

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1984 - 1994

ANNUAL TOTAL	3949.39	5592.6	
ANNUAL MEAN	10.8	15.3	141
HIGHEST ANNUAL MEAN			326
LOWEST ANNUAL MEAN			7.27
HIGHEST DAILY MEAN	88	Jul 9	523
LOWEST DAILY MEAN	.00	Apr 22	*.00
ANNUAL SEVEN-DAY MINIMUM	.00	May 6	.00
INSTANTANEOUS PEAK FLOW			664
INSTANTANEOUS PEAK STAGE			4.45
10 PERCENT EXCEEDS	28		423
50 PERCENT EXCEEDS	3.2		59
90 PERCENT EXCEEDS	.55		.87

* Also occurred on Apr. 14 - 29, 1985, Sept. 21 - 28, 1988, Aug. 3 to Oct. 18, 1991, and Nov. 10 - 17, 1991, Oct. 2 - 18, 1991, Nov. 10 - 17, 1991, and Apr. 22 - 24, May 6 - 19, 1993.

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, 4.5°C, Jan. 20 - 22, 1994.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 27.5°C, June 14, 15, July 9; minimum, 4.5°C, Jan. 20 - 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	21.0	21.5	16.5	15.5	16.0	14.0	13.5	13.5	6.0	5.0	5.5
2	22.5	21.0	22.0	16.0	15.5	15.5	13.5	13.0	13.5	6.5	5.5	6.0
3	23.0	21.5	22.0	15.5	15.0	15.0	13.5	12.5	13.0	8.0	6.5	6.5
4	23.0	21.5	22.0	15.5	14.5	15.0	14.0	13.0	13.5	8.0	7.0	7.5
5	22.0	21.0	21.5	15.5	15.0	15.0	14.0	13.0	13.5	7.0	6.5	6.5
6	21.5	20.5	21.0	16.0	15.0	15.5	13.5	13.0	13.0	6.5	5.5	6.0
7	21.0	20.5	20.5	15.0	14.5	15.0	13.5	12.5	13.0	8.5	6.0	7.0
8	20.5	20.0	20.5	15.0	14.0	14.5	13.5	12.5	13.0	9.0	8.0	9.0
9	21.0	20.5	21.0	14.5	14.0	14.5	13.5	12.5	13.0	8.0	6.5	7.0
10	21.5	21.0	21.0	15.0	14.0	14.5	13.0	12.5	13.0	6.5	5.5	6.0
11	21.0	20.0	20.5	15.0	13.5	14.0	13.0	12.0	12.5	6.0	5.5	5.5
12	20.5	19.5	20.0	15.0	13.5	14.5	12.0	11.5	11.5	9.0	6.0	7.5
13	20.5	19.0	19.5	15.5	14.5	15.0	12.0	11.0	11.5	8.5	8.5	8.5
14	20.0	19.5	19.5	16.5	15.0	16.0	11.5	10.5	11.0	8.5	7.5	8.0
15	20.0	19.0	19.5	17.5	16.0	16.5	11.0	10.5	11.0	---	---	---
16	20.0	19.5	19.5	17.5	16.5	17.0	11.0	10.5	10.5	---	---	---
17	20.0	19.5	19.5	18.0	16.5	17.5	11.0	10.5	11.0	---	---	---
18	21.0	19.5	20.0	18.0	17.5	17.5	11.5	10.5	11.0	---	---	---
19	21.0	20.0	20.5	18.0	17.5	17.5	11.0	10.5	11.0	---	---	---
20	21.5	20.5	21.0	17.5	17.0	17.5	10.5	9.5	10.0	5.0	4.5	5.0
21	22.0	20.5	21.0	17.0	16.5	16.5	9.5	9.0	9.5	5.0	4.5	5.0
22	21.5	19.5	20.5	16.5	16.0	16.5	9.0	8.0	8.5	5.5	4.5	5.0
23	19.5	19.0	19.5	16.0	15.5	16.0	8.0	7.0	7.5	5.5	5.0	5.0
24	19.5	18.5	19.0	15.5	15.0	15.5	7.0	6.5	6.5	---	---	---
25	19.5	19.0	19.0	15.0	14.5	15.0	6.5	5.5	6.0	---	---	---
26	19.5	19.0	19.0	15.0	14.5	14.5	6.0	5.0	5.5	9.5	7.5	8.5
27	20.0	18.5	19.0	15.0	13.5	14.5	6.0	5.0	5.5	8.5	7.5	8.0
28	19.5	18.0	19.0	15.0	14.0	14.5	7.0	5.5	6.0	11.5	8.0	10.0
29	18.5	17.5	18.0	14.5	14.0	14.0	7.5	7.0	7.5	11.5	10.5	11.0
30	18.5	16.5	17.5	14.5	14.0	14.0	7.5	6.5	7.0	10.5	9.5	10.0
31	18.0	16.5	17.0	---	---	---	6.5	5.5	6.0	9.5	8.0	8.5
MONTH	23.0	16.5	20.0	18.0	13.5	15.5	14.0	5.0	10.3	11.5	4.5	7.2

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	8.5	6.5	7.5	---	---	---	17.0	15.5	16.5	20.5	19.5	19.5
2	8.0	6.0	7.0	12.5	10.5	12.0	17.5	15.0	16.0	20.5	19.5	20.0
3	7.0	5.0	6.0	11.5	9.5	10.5	17.5	16.0	16.5	20.0	19.0	19.5
4	7.5	5.5	6.5	12.5	9.5	11.0	18.0	16.5	17.5	19.5	19.0	19.0
5	---	---	---	13.5	12.0	12.5	18.5	17.0	18.0	20.5	18.5	19.5
6	10.0	8.0	9.0	14.5	12.5	13.5	19.5	18.0	19.0	21.5	18.5	20.0
7	12.0	9.5	10.5	15.5	13.5	14.5	19.5	18.5	19.0	21.5	19.0	20.5
8	12.5	10.5	11.5	17.0	15.0	16.0	18.5	17.0	17.5	21.5	19.0	20.0
9	14.5	12.0	13.0	18.0	16.5	17.0	18.0	16.5	17.0	20.5	18.5	19.5
10	14.5	11.0	13.5	18.5	17.0	18.0	17.0	16.0	16.5	20.5	19.5	20.0
11	11.0	8.5	9.0	17.0	14.0	15.5	17.5	16.5	17.0	21.0	20.0	20.5
12	8.5	8.0	8.5	14.0	12.5	13.0	18.0	17.0	17.5	21.5	20.0	20.5
13	10.0	8.5	9.0	14.0	12.5	13.0	18.0	17.0	17.5	21.5	20.5	21.0
14	9.5	7.5	8.5	14.5	13.0	13.5	18.0	16.5	17.0	21.5	20.5	21.0
15	10.0	7.5	8.5	15.0	13.5	14.0	17.5	16.0	17.0	22.0	21.0	21.5
16	10.5	9.0	9.5	15.0	14.0	14.5	18.0	16.5	17.0	22.5	21.5	22.0
17	10.0	8.5	9.5	14.0	12.5	13.5	17.5	16.0	16.5	23.0	21.5	22.0
18	11.5	9.5	10.5	14.5	13.0	13.5	17.5	16.0	16.5	22.5	21.5	22.0
19	13.0	10.5	11.5	16.0	14.0	15.0	18.5	16.5	17.0	22.0	21.5	21.5
20	14.5	12.0	13.0	16.0	14.5	15.5	19.0	17.0	18.0	21.5	20.5	21.0
21	---	---	---	17.5	15.5	16.5	19.5	18.5	18.5	21.0	20.0	20.5
22	15.0	13.5	14.0	18.0	15.5	17.0	19.0	18.5	18.5	21.0	19.5	20.5
23	16.5	15.0	15.5	16.0	15.5	15.5	19.0	18.0	18.0	21.5	20.0	20.5
24	17.0	13.5	15.5	17.0	16.0	16.0	18.5	17.5	18.0	22.0	20.5	21.0
25	---	---	---	18.0	16.5	17.0	19.0	17.5	18.0	22.0	21.0	21.5
26	---	---	---	17.5	16.0	16.5	19.5	18.5	18.5	22.0	21.0	21.5
27	---	---	---	20.0	17.0	18.5	19.5	18.5	19.0	22.5	21.5	22.0
28	---	---	---	20.0	18.5	19.5	19.0	18.0	18.5	22.5	21.0	22.0
29	---	---	---	19.0	16.5	17.5	19.5	18.5	19.0	23.0	22.0	22.5
30	---	---	---	17.0	16.0	16.5	20.0	19.0	19.5	---	---	---
31	---	---	---	17.5	16.0	16.5	---	---	---	---	---	---
MONTH	17.0	5.0	10.3	20.0	9.5	15.1	20.0	15.0	17.7	23.0	18.5	20.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	23.5	22.0	22.5	27.0	25.0	26.0	---	---	---	---	---	---
2	23.5	22.5	23.0	27.0	25.5	26.5	27.0	23.5	25.0	---	---	---
3	24.0	23.0	23.5	27.0	25.5	26.0	---	---	---	---	---	---
4	24.0	23.0	23.5	26.5	25.5	26.0	---	---	---	---	---	---
5	24.5	23.0	23.5	26.0	25.0	25.5	---	---	---	---	---	---
6	24.5	23.5	24.0	26.5	24.5	25.5	25.5	24.0	24.5	---	---	---
7	25.5	23.5	24.5	26.0	25.0	25.5	26.5	23.5	24.5	---	---	---
8	26.5	24.5	25.5	26.5	25.0	26.0	---	---	---	---	---	---
9	26.0	25.0	25.5	27.5	25.0	26.5	---	---	---	---	---	---
10	26.0	24.5	25.0	27.0	25.5	26.5	---	---	---	---	---	---
11	26.5	24.5	25.5	27.0	24.5	26.0	---	---	---	---	---	---
12	26.5	25.0	26.0	25.0	24.5	25.0	---	---	---	---	---	---
13	27.0	24.5	26.0	25.5	25.0	25.0	---	---	---	25.0	23.0	24.0
14	27.5	25.5	26.5	26.0	25.0	25.5	---	---	---	24.5	22.5	23.5
15	27.5	25.0	26.5	26.5	25.5	26.0	---	---	---	25.0	22.5	24.0
16	26.0	24.5	25.0	26.5	25.5	26.0	---	---	---	25.0	23.5	24.0
17	25.5	24.5	25.0	26.5	25.5	26.0	---	---	---	25.0	24.0	24.5
18	25.0	24.0	24.5	26.0	25.0	25.5	---	---	---	24.5	23.5	24.0
19	25.5	24.0	25.0	26.0	24.5	25.0	---	---	---	24.5	22.5	23.5
20	25.5	24.5	25.0	25.5	24.5	25.0	---	---	---	23.0	22.0	22.5
21	26.0	24.5	25.5	25.5	24.0	24.5	---	---	---	23.5	22.0	22.5
22	26.0	25.0	25.5	25.0	24.0	24.5	---	---	---	23.5	22.0	22.5
23	26.0	25.0	25.5	---	---	---	---	---	---	23.5	21.5	22.5
24	25.5	24.5	25.0	---	---	---	---	---	---	24.0	22.0	23.0
25	25.0	24.0	24.5	---	---	---	---	---	---	23.5	22.5	23.0
26	25.0	24.0	24.5	---	---	---	---	---	---	23.5	22.5	23.0
27	25.0	23.5	24.5	---	---	---	---	---	---	23.0	21.5	22.5
28	27.0	24.0	25.5	---	---	---	---	---	---	23.0	21.5	22.5
29	27.0	25.5	26.0	---	---	---	---	---	---	23.5	21.5	22.5
30	26.5	25.0	25.5	23.5	23.0	23.5	---	---	---	23.0	21.5	22.0
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	27.5	22.0	24.9	27.5	23.0	25.5	27.0	23.5	24.7	25.0	21.5	23.1
YEAR	27.5	4.5	17.3									

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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Dec. 7, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	77	89	67	66	63	48	47	47	4.2	39	9.2
2	45	78	87	67	66	96	50	47	47	46	50	14
3	45	76	85	65	66	120	47	47	48	33	55	8.8
4	44	46	81	65	62	109	48	47	48	45	36	8.7
5	44	3.1	74	54	61	109	48	47	48	46	8.6	8.9
6	45	2.9	75	46	60	112	47	47	47	46	8.9	8.9
7	45	3.0	25	45	60	112	48	47	48	45	8.8	8.9
8	18	2.9	2.9	31	60	107	49	46	47	49	8.7	8.9
9	3.4	3.0	2.9	3.1	60	43	49	46	47	46	8.8	8.9
10	3.3	3.1	2.9	3.0	61	45	49	46	47	45	8.7	12
11	3.3	3.1	2.9	2.7	60	45	50	46	47	45	8.7	62
12	3.2	3.1	2.9	3.0	60	46	48	46	47	45	8.7	52
13	3.1	45	2.9	2.7	59	45	48	46	48	46	8.7	8.6
14	3.1	84	31	2.6	36	45	48	45	48	46	8.5	8.4
15	36	84	75	2.6	2.6	44	48	46	48	46	8.7	8.5
16	62	84	76	2.7	2.6	44	48	47	48	45	11	8.7
17	62	85	78	26	2.7	45	48	46	47	45	9.7	8.7
18	39	58	78	77	2.7	44	48	46	47	45	9.6	9.1
19	3.0	2.9	66	78	2.7	45	47	45	47	46	54	9.2
20	3.1	2.7	63	74	2.7	45	47	46	47	47	61	9.0
21	3.2	2.7	68	68	2.6	45	47	47	47	48	62	8.9
22	4.6	2.7	29	46	2.7	45	47	47	47	47	30	8.9
23	72	40	2.9	2.4	2.4	45	47	47	47	47	9.1	8.9
24	72	84	2.9	2.4	64	46	47	47	47	47	9.0	10
25	70	85	2.9	2.4	60	55	47	47	48	47	8.9	9.1
26	71	85	2.9	2.5	62	50	47	46	49	47	8.9	9.0
27	70	88	2.9	5.8	63	48	47	46	51	47	9.1	8.9
28	69	86	4.4	70	63	77	48	46	51	49	9.1	8.9
29	69	87	76	72	---	122	48	47	18	48	9.1	9.1
30	75	87	76	70	---	78	48	47	2.9	48	9.2	9.1
31	73	---	67	66	---	48	---	47	---	48	9.1	---
TOTAL	1204.3	1394.2	1335.3	1124.9	1172.7	2023	1436	1440	1355.9	1384.2	594.6	372.2
MEAN	38.8	46.5	43.1	36.3	41.9	65.3	47.9	46.5	45.2	44.7	19.2	12.4
MAX	75	88	89	78	66	122	50	47	51	49	62	62
MIN	3.0	2.7	2.9	2.4	2.4	43	47	45	2.9	4.2	8.5	8.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

MEAN	30.6	31.5	35.8	49.5	50.6	53.8	39.6	37.7	34.2	31.2	41.4	33.4
MAX	83.7	69.0	59.5	95.7	77.9	92.8	81.9	69.6	62.0	62.6	135	109
(WY)	1991	1993	1990	1993	1991	1980	1980	1991	1992	1989	1991	1991
MIN	1.59	2.54	5.81	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 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1974 - 1994

ANNUAL TOTAL	20779.9	14837.3	
ANNUAL MEAN	56.9	40.7	
HIGHEST ANNUAL MEAN			39.9
LOWEST ANNUAL MEAN			65.2
HIGHEST DAILY MEAN	185	Jan 9	20.2
LOWEST DAILY MEAN	2.7	Nov 20	220
ANNUAL SEVEN-DAY MINIMUM	3.0	Nov 5	.60
INSTANTANEOUS PEAK FLOW			.91
INSTANTANEOUS PEAK STAGE			225
10 PERCENT EXCEEDS	94		3.64
50 PERCENT EXCEEDS	50		Mar 29
90 PERCENT EXCEEDS	5.3		Mar 29
			5.06
			69
			37
			8.1

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 sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Feb. 5, July 19, 20, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	132	139	106	118	117	95	75	70	31	71	29
2	74	129	139	135	113	307	96	74	75	51	71	38
3	74	129	137	113	112	222	92	74	76	69	73	45
4	74	125	134	127	112	191	90	77	74	61	77	34
5	74	77	136	110	123	171	89	78	74	77	37	30
6	74	62	128	86	144	170	92	77	72	81	32	29
7	75	44	115	82	116	171	109	74	74	76	32	30
8	66	40	44	85	115	171	92	73	75	84	30	30
9	34	39	38	45	117	140	91	72	73	76	29	32
10	32	39	39	35	124	132	90	72	74	70	28	31
11	31	39	45	34	136	123	87	72	72	69	28	58
12	31	38	38	65	125	100	86	72	73	68	28	81
13	30	42	36	51	116	97	97	70	79	87	31	48
14	30	111	49	39	111	120	89	69	73	79	34	30
15	36	134	113	36	50	101	84	70	71	72	31	29
16	88	136	121	34	43	94	83	86	73	69	64	29
17	106	138	119	40	42	90	82	78	74	67	86	31
18	101	139	119	122	41	90	81	73	76	67	39	35
19	43	75	116	122	40	88	80	73	72	69	54	39
20	34	42	103	118	39	90	78	70	69	71	80	32
21	33	39	121	110	39	88	77	70	67	84	88	30
22	32	38	105	107	38	87	82	70	66	79	103	29
23	64	41	56	52	38	85	87	70	67	99	38	29
24	105	104	48	39	92	89	81	69	66	79	33	64
25	106	127	39	37	122	266	79	68	69	73	31	50
26	118	130	36	37	107	138	77	68	70	71	30	36
27	121	189	35	37	109	106	76	69	112	75	29	33
28	114	213	34	84	109	102	76	70	132	109	28	31
29	113	149	67	127	---	188	75	69	77	103	28	30
30	215	141	106	141	---	189	75	69	41	87	28	29
31	179	---	105	134	---	105	---	70	---	81	27	---
TOTAL	2381	2881	2660	2490	2591	4228	2568	2241	2236	2334	1418	1101
MEAN	76.8	96.0	85.8	80.3	92.5	136	85.6	72.3	74.5	75.3	45.7	36.7
MAX	215	213	139	141	144	307	109	86	132	109	103	81
MIN	30	38	34	34	38	85	75	68	41	31	27	29
CFSM	1.30	1.62	1.45	1.35	1.56	2.30	1.44	1.22	1.26	1.27	.77	.62
IN.	1.49	1.81	1.67	1.56	1.63	2.65	1.61	1.41	1.40	1.46	.89	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1994, BY WATER YEAR (WY)

	MEAN	66.1	72.0	83.4	111	117	123	92.5	79.2	69.1	62.1	82.9	71.1
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 1993 CALENDAR YEAR FOR 1994 WATER YEAR WATER YEARS 1974 - 1994

ANNUAL TOTAL	36018	29129	
ANNUAL MEAN	98.7	79.8	
HIGHEST ANNUAL MEAN			87.2
LOWEST ANNUAL MEAN			145
HIGHEST DAILY MEAN	355	Jan 8	1991
LOWEST DAILY MEAN	29	Sep 4	1981
ANNUAL SEVEN-DAY MINIMUM	32	Oct 9	Oct 23 1990
INSTANTANEOUS PEAK FLOW			13
INSTANTANEOUS PEAK STAGE			15
ANNUAL RUNOFF (CFSM)	1.66	3.45	913
ANNUAL RUNOFF (INCHES)	22.59	1.35	4.53
10 PERCENT EXCEEDS	173	18.27	1.47
50 PERCENT EXCEEDS	78		19.98
90 PERCENT EXCEEDS	47	32	152
			74
			29

SAVANNAH RIVER BASIN

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA

LOCATION.--Lat 32°56'20'', long 81°30'10'', Screven County (GA) - Allendale County (SC), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7.

DRAINAGE AREA.--8,650 mi², approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

GAGE.--Data collection platform. Datum of gage is 52.42 ft above sea level.

REMARKS.--Estimated daily discharges, Oct. 18 - 21, Jan. 30 to Feb. 10, Mar. 29 - 31, Apr. 4, 5, May 12, 13. Records fair. Flow regulated by Thurmond Lake (see 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5630	10400	8000	7550	8400	8720	16500	8620	5830	16100	8830	26300
2	5540	10800	7120	6730	9600	9840	16800	6960	5770	17500	7520	25300
3	5540	9160	6120	6620	9000	12400	16200	6210	5430	19300	7520	24800
4	5640	7600	5670	7510	8300	15400	12000	7810	6750	23600	8450	24300
5	5890	6640	5560	8420	7700	16900	8910	7560	5950	28300	8660	23600
6	7190	6390	5810	9400	7500	17100	10200	7670	5250	27800	9130	21900
7	7290	6070	6310	9180	7400	14300	10800	6870	5600	25100	8270	19100
8	6310	6080	6850	8620	9440	11600	10600	5770	6050	23100	6880	16600
9	5680	6540	6850	7050	9600	9380	9430	5460	6100	22200	7200	13500
10	5400	7060	6560	6850	9980	7980	8480	6540	6880	22100	7190	9780
11	5290	6890	6740	8210	11000	11400	7460	6380	7130	22600	8720	8990
12	5360	6670	5970	8340	12300	13500	8900	6490	6270	22300	8520	8080
13	5560	6040	5740	7380	13200	12800	11700	6730	5850	19700	8530	7160
14	5670	5520	6740	7510	11900	9430	13100	6060	6270	15400	7820	7100
15	5710	5420	7670	8550	10500	8840	13900	5310	7230	10800	6680	9240
16	5630	5510	7770	8270	9430	10100	14100	5400	7290	10600	6350	10100
17	5570	5850	7600	7220	8750	10700	14200	5750	6450	11400	8470	9120
18	5700	5820	7320	7630	7280	11400	11600	6590	6110	12000	11300	8040
19	5770	5650	6740	8630	6210	10900	7920	6580	5680	12600	14300	7270
20	6090	5780	6020	10500	6060	9300	6570	6380	5520	13000	16200	7240
21	5790	5940	6180	13100	6170	8140	7380	6230	5800	13300	17900	7530
22	5670	5720	7100	13900	6370	7320	7200	5420	6810	13400	21000	8040
23	5650	6090	6710	12500	7030	7200	9080	5370	8240	12700	26200	9170
24	5770	6220	7220	9430	7990	7270	7050	6030	7980	11200	30500	9560
25	5990	5810	7050	7090	9940	7920	6140	8180	7090	10500	32600	9020
26	6160	6040	6620	7230	11600	10800	7990	7720	5950	9570	33400	7230
27	7250	6420	6190	7240	11200	13500	9760	6600	5550	8370	33300	6540
28	6990	6560	6070	6650	8740	13800	10400	6000	6810	7220	33000	8400
29	6450	6620	6810	6980	---	12600	9640	5140	9800	7380	32500	9490
30	6140	7660	6210	7270	---	14000	8490	4930	14100	7870	31000	9980
31	7470	---	6110	8170	---	15500	---	5240	---	10100	28400	---
TOTAL	185790	198970	205430	259730	252590	350040	312500	198000	201540	487110	496340	372480
MEAN	5993	6632	6627	8378	9021	11290	10420	6387	6718	15710	16010	12420
MAX	7470	10800	8000	13900	13200	17100	16800	8620	14100	28300	33400	26300
MIN	5290	5420	5560	6620	6060	7200	6140	4930	5250	7220	6350	6540
CFSM	.69	.77	.77	.97	1.04	1.31	1.20	.74	.78	1.82	1.85	1.44
IN.	.80	.86	.88	1.12	1.09	1.51	1.34	.85	.87	2.09	2.13	1.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1994, BY WATER YEAR (WY)

MEAN	7312	7518	9828	12510	13470	16190	14850	10570	8086	8241	8530	7690
MAX	20150	22070	32410	35290	32430	33880	46240	29980	15960	19400	28040	20010
(WY)	1965	1948	1949	1993	1960	1944	1964	1964	1967	1941	1940	1964
MIN	2984	3284	4677	5067	5785	6089	5886	4192	4705	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	1988	1988	1941	1952	1952	1951	1941

SUMMARY STATISTICS

FOR 1993 CALENDAR YEAR

FOR 1994 WATER YEAR

WATER YEARS 1940 - 1994

ANNUAL TOTAL	5275850	3520520	10390	1964
ANNUAL MEAN	14450	9645	18320	1988
HIGHEST ANNUAL MEAN			5790	1988
LOWEST ANNUAL MEAN			138000	Aug 18 1940
HIGHEST DAILY MEAN	39300	Jan 10	33400	Aug 26
LOWEST DAILY MEAN	5290	Oct 11	4930	May 30
ANNUAL SEVEN-DAY MINIMUM	5520	Oct 10	5480	May 28
INSTANTANEOUS PEAK FLOW			33600	*Aug 26
INSTANTANEOUS PEAK STAGE			17.79	*Aug 26
ANNUAL RUNOFF (CFSM)	1.67	1.12	27.00	Aug 18 1940
ANNUAL RUNOFF (INCHES)	22.69	15.14	1.20	16.31
10 PERCENT EXCEEDS	33200	16200	19300	
50 PERCENT EXCEEDS	7850	7560	7700	
90 PERCENT EXCEEDS	5760	5720	5020	

* Also occurred on Aug. 27.

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 Clyo, 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 sea level. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records fair except for estimated daily discharges, Dec. 27, 28, Dec. 30 to Jan. 3, Mar. 24 - 29, June 4 to July 1, which are poor. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994												
DAY	OCT	NOV	DEC	JAN	FEB	MEAN MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5730	6710	7440	7920	9440	11100	14100	9700	5830	11500	10600	35400
2	5600	8350	8020	7710	10300	11000	14800	9370	6260	12200	10700	33700
3	5520	9270	7630	7200	10100	11700	15400	8370	6350	13000	9690	32300
4	5490	9030	6870	7550	9500	12800	16000	7520	6500	13900	9040	30500
5	5520	8060	6380	8000	9230	14100	16300	8210	7400	14700	9430	28600
6	5650	7170	6180	8720	9170	15000	15900	8400	6800	15600	9790	27100
7	6380	6660	6280	9420	8810	15700	14500	8400	6700	16800	9970	26000
8	6750	6410	6630	9760	8770	16300	13300	7910	6600	19600	9740	25100
9	6260	6390	7110	9560	9910	16600	12600	7040	6600	23600	8670	24100
10	5680	6730	7280	8580	10400	16500	11900	6550	6770	25400	8190	22400
11	5400	7120	7150	7890	10700	15300	10800	6980	7150	25100	8120	19900
12	5260	7120	7160	8770	11200	14000	9660	7200	7520	24000	8830	16800
13	5260	6890	6740	9410	11900	13800	9680	7200	7030	23100	9220	13600
14	5360	6450	6480	8900	12500	14000	10900	7320	6650	22600	9320	10800
15	5450	5960	7040	8630	12800	13700	11800	7000	6700	22100	9010	9410
16	5530	5740	7850	9160	12700	12400	12500	6480	7420	20900	8160	9910
17	5530	5740	8240	9320	11900	11800	13000	6300	7640	18400	7900	10700
18	5450	5940	8200	8800	11000	11800	13400	6460	7300	15900	8910	10800
19	5490	5990	8010	8680	9810	12100	13400	6990	6890	14400	10400	10100
20	5590	5890	7600	9230	8490	12300	11800	7190	6570	13600	11700	9180
21	5760	5910	7060	10200	7940	11800	9260	7050	6350	13300	12600	8770
22	5660	6030	6940	11300	7830	10600	8640	6900	6450	13300	13600	8830
23	5520	5970	7630	12200	7840	9440	8550	6370	7140	13300	14500	9110
24	5480	6120	7670	12700	8230	8400	9340	6110	8220	13400	15400	9880
25	5540	6300	7890	12200	8950	8000	8770	6470	8520	13100	16500	10500
26	5760	6110	7950	10000	9980	10000	7640	7780	8040	12600	19400	10400
27	5880	6280	7650	8780	11000	12500	8370	8160	7500	11900	26300	9330
28	6470	6590	7290	8590	11600	13000	9680	7390	7200	11000	32300	8270
29	6580	6710	7120	8290	---	13200	10300	6770	8400	9940	35300	8970
30	6480	6810	7440	8430	---	13300	10400	6100	9500	9430	36400	9930
31	6190	---	6420	8840	---	13700	---	5740	---	9590	36300	---
TOTAL	178220	200450	225350	284740	282000	395940	352690	225430	214000	497260	445990	500390
MEAN	5749	6682	7269	9185	10070	12770	11760	7272	7133	16040	14390	16680
MAX	6750	9270	8240	12700	12800	16600	16300	9700	9500	25400	36400	35400
MIN	5260	5740	6180	7200	7830	8000	7640	5740	5830	9430	7900	8270
CFSM	.58	.68	.74	.93	1.02	1.30	1.19	.74	.72	1.63	1.46	1.69
IN.	.67	.76	.85	1.08	1.07	1.50	1.33	.85	.81	1.88	1.68	1.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1994, BY WATER YEAR (WY)

MEAN	9173	8630	11230	14340	15720	18190	17670	11790	9613	8894	9115	8168
MAX	83660	26510	39150	43930	37320	34780	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1993	1948	1944	1964	1964	1973	1941	1940	1964
MIN	2772	3233	5122	5853	6722	7043	6664	4873	4925	4635	4793	3098
(WY)	1932	1932	1940	1956	1989	1988	1986	1941	1988	1952	1951	1931

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR		FOR 1994 WATER YEAR		WATER YEARS 1930 - 1994	
ANNUAL TOTAL	6035640		3802460			
ANNUAL MEAN	16540		10420		11860	
HIGHEST ANNUAL MEAN					20900	
LOWEST ANNUAL MEAN					6399	
HIGHEST DAILY MEAN	59500		Jan 13		203000	
LOWEST DAILY MEAN	5260		Oct 12		1950	
ANNUAL SEVEN-DAY MINIMUM	5400		Oct 11		2470	
INSTANTANEOUS PEAK FLOW					*270000	
INSTANTANEOUS PEAK STAGE					Oct 6 1929	
ANNUAL RUNOFF (CFSM)	1.68				*29.70	
ANNUAL RUNOFF (INCHES)	22.79				1.20	
10 PERCENT EXCEEDS	38000				16.36	
50 PERCENT EXCEEDS	8480				21500	
90 PERCENT EXCEEDS	5910				8860	
					5700	

* Present datum (from information by Corps of Engineers) and from rating curve extended above 120,000 ft³/s.

** Also occurred Oct. 13.

*** Also occurred on Aug. 31.

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 1993 TO SEPTEMBER 1994

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)
FEB 23...	1200	7820	765	15.0	17	K100	22	23	8.0	79	19
MAY 10...	1030	6520	760	21.0	K6	73	24	25	7.5	84	20
JUL 28...	1230	11100	760	27.0	K46	78	22	22	6.0	76	18
SEP 30...	1230	9960	760	24.0	K38	74	19	19	7.2	86	14

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)
FEB 23...	7.3	111	5.8	5.5	1.3	1.8	12	55	1	9.8	<0.10
MAY 10...	7.2	80	7.0	5.5	1.5	1.9	14	58	1	9.7	<0.10
JUL 28...	7.0	77	6.0	4.9	1.4	1.5	8.7	49	0.9	6.9	0.20
SEP 30...	7.1	82	6.9	3.9	1.1	1.8	8.9	54	1	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)	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, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
FEB 23...	9.9	8.5	71	62	0.10	1500	0.320	0.010	0.330	0.330
MAY 10...	10	9.4	73	66	0.10	1290	0.330	<0.010	0.330	0.330
JUL 28...	6.9	9.2	64	52	0.09	1920	0.230	<0.010	0.230	0.230
SEP 30...	6.8	7.7	55	47	0.08	1480	0.230	<0.010	0.230	0.230

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	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 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)
FEB 23...	0.070	0.09	0.23	0.30	0.15	0.050	0.080	0.080	180	64
MAY 10...	0.050	0.06	0.25	0.30	0.25	0.080	0.080	0.080	20	15
JUL 28...	0.030	0.04	0.27	0.30	0.12	0.040	0.060	0.090	80	16
SEP 30...	0.020	0.03	--	<0.20	0.12	0.040	0.040	0.070	40	12

DATE	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)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)
FEB 23...	<3	330	19	401	<4	23	100	<10	<1	<1
MAY 10...	<3	210	27	475	<4	16	96	<10	<1	<1
JUL 28...	<3	230	25	749	<4	4	92	<10	<1	<1
SEP 30...	<3	100	45	1210	<4	8	52	<10	<1	<1

DATE	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)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2)
FEB 23...	<1.0	31	0.03	<6	0.05	0.63	0.320	1	1.4	0.03
MAY 10...	<1.0	33	--	<6	--	0.63	--	0	--	--
JUL 28...	<1.0	33	--	<6	--	0.53	--	0	--	--
SEP 30...	<1.0	26	0.02	<6	<0.02	--	--	0	--	--

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 sea level (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, 13.88 ft, Apr. 9, 1993; minimum, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.10 ft, Sept. 1 - 2; minimum, 3.84 ft, Oct. 4 - 5.

GAGE HEIGHT (FEET SEA LEVEL) WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.02	4.11	5.10	6.02	4.36	5.07	6.84	5.12	6.03	6.47	4.94	5.71
2	6.07	4.18	5.13	6.84	5.23	6.03	7.26	5.73	6.51	6.73	5.20	5.95
3	5.80	3.99	4.89	7.40	6.32	6.84	7.16	5.81	6.49	7.08	5.72	6.37
4	5.71	3.84	4.76	7.58	6.73	7.10	6.83	5.22	6.10	6.56	5.16	5.78
5	5.72	3.84	4.76	7.48	6.41	6.93	6.24	4.42	5.28	6.57	5.15	5.81
6	5.95	3.88	4.93	6.92	5.56	6.36	5.91	4.26	5.00	6.91	5.61	6.36
7	6.38	4.43	5.43	6.58	5.12	5.77	6.06	4.25	5.09	7.30	6.10	6.81
8	6.49	4.93	5.65	6.38	4.94	5.70	6.24	4.44	5.45	7.53	6.57	7.03
9	6.25	4.66	5.49	6.43	4.85	5.69	6.52	4.70	5.73	7.73	6.70	7.18
10	5.99	4.17	5.06	6.62	4.90	5.88	6.85	5.05	6.00	7.64	6.48	7.04
11	6.00	3.90	4.99	6.96	5.18	6.21	6.47	5.06	5.72	7.25	5.84	6.56
12	6.08	3.87	5.07	7.20	5.52	6.40	6.76	4.98	5.87	7.25	5.81	6.54
13	6.19	3.86	5.10	7.12	5.48	6.29	6.87	5.10	5.96	7.60	6.48	7.05
14	6.35	3.99	5.29	6.87	5.08	5.95	6.85	4.83	5.87	7.60	6.43	6.96
15	6.54	4.16	5.49	6.54	4.58	5.53	6.49	4.77	5.63	7.09	6.15	6.54
16	6.73	4.38	5.69	6.23	4.25	5.18	6.67	5.11	5.89	7.23	6.23	6.67
17	6.46	4.36	5.47	6.19	4.09	5.11	7.15	5.72	6.43	7.42	6.72	7.05
18	6.27	4.07	5.21	5.93	4.16	5.01	7.05	5.92	6.50	7.18	6.35	6.80
19	6.19	3.94	5.08	6.02	4.26	5.12	6.90	5.75	6.35	6.82	6.18	6.45
20	6.15	4.07	5.15	5.69	4.10	4.88	6.65	5.47	6.12	6.90	6.26	6.63
21	6.01	4.14	5.08	5.76	4.10	4.98	6.36	4.85	5.61	7.30	6.54	7.03
22	5.91	4.11	5.02	5.90	4.23	5.08	5.89	4.74	5.23	7.83	7.09	7.57
23	6.04	4.14	5.11	5.92	4.29	5.08	6.24	4.77	5.60	8.30	7.67	8.07
24	6.01	4.24	5.21	6.02	4.20	5.15	6.55	5.31	5.82	8.67	8.15	8.46
25	6.02	4.13	5.21	6.19	4.38	5.37	6.35	5.26	5.72	8.88	8.44	8.64
26	6.10	4.31	5.29	6.49	4.64	5.59	6.27	5.37	5.75	8.74	7.93	8.36
27	6.17	4.37	5.28	6.76	4.54	5.76	6.30	5.31	5.76	8.03	6.93	7.56
28	6.27	4.44	5.32	6.35	4.90	5.56	6.40	5.09	5.68	7.70	6.55	7.14
29	6.55	4.90	5.75	6.42	4.80	5.56	6.47	4.97	5.62	7.37	6.19	6.77
30	6.92	5.12	5.95	6.52	4.91	5.70	6.47	4.90	5.66	7.35	6.14	6.78
31	6.06	4.46	5.18	---	---	---	6.67	5.21	5.87	7.60	6.56	7.10
MONTH	6.92	3.84	5.23	7.58	4.09	5.70	7.26	4.25	5.82	8.88	4.94	6.93

GAGE HEIGHT (FEET SEA LEVEL) WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.61	6.74	7.20	8.65	8.05	8.37	9.37	9.06	9.22	7.83	6.74	7.31
2	7.89	7.13	7.57	8.75	8.26	8.53	9.52	9.15	9.39	7.42	6.55	7.00
3	8.08	7.41	7.76	8.68	8.33	8.52	9.69	9.32	9.57	7.36	6.13	6.84
4	7.97	7.12	7.55	9.18	8.48	8.93	9.89	9.55	9.73	7.00	5.67	6.29
5	7.80	6.98	7.32	9.70	9.06	9.44	10.10	9.77	9.95	6.80	5.44	6.11
6	7.67	6.82	7.19	10.01	9.57	9.85	10.20	9.97	10.09	6.90	5.83	6.32
7	7.64	6.68	7.09	10.19	9.86	10.06	10.15	9.93	10.04	6.92	5.81	6.30
8	7.45	6.44	6.93	10.35	10.06	10.22	9.97	9.60	9.79	6.63	5.56	6.10
9	7.68	6.58	7.15	10.55	10.23	10.38	9.81	9.18	9.47	6.39	5.03	5.81
10	8.18	7.18	7.61	10.61	10.41	10.52	9.44	8.71	9.02	6.16	4.43	5.29
11	8.31	7.56	7.95	10.57	10.40	10.49	9.01	8.06	8.49	6.48	4.53	5.34
12	8.44	7.71	8.07	10.52	10.16	10.33	8.49	7.24	7.81	6.49	4.93	5.66
13	8.59	8.00	8.30	10.28	9.83	10.05	7.84	6.78	7.22	6.55	5.01	5.74
14	8.71	8.21	8.48	10.04	9.61	9.81	7.83	6.99	7.31	6.70	5.06	5.84
15	8.85	8.53	8.71	9.87	9.47	9.67	8.15	7.50	7.78	6.54	4.84	5.60
16	8.94	8.63	8.77	9.69	9.02	9.34	8.33	7.94	8.13	6.02	4.28	5.07
17	8.89	8.46	8.71	9.21	8.60	8.89	8.50	8.19	8.36	5.66	4.17	4.87
18	8.75	8.03	8.45	8.85	8.32	8.57	8.78	8.39	8.62	5.78	4.24	5.06
19	8.39	7.34	7.96	8.53	8.25	8.38	8.93	8.57	8.80	6.34	4.42	5.55
20	7.75	6.38	7.16	8.62	8.29	8.45	8.99	8.40	8.75	6.69	4.98	5.95
21	7.13	5.90	6.46	8.69	8.19	8.46	8.45	7.19	7.95	6.85	5.14	6.06
22	6.85	5.65	6.25	8.44	7.73	8.13	7.46	6.42	7.04	6.98	5.12	6.12
23	7.06	5.63	6.34	8.06	7.09	7.59	7.52	6.28	6.93	6.75	4.75	5.95
24	6.81	5.70	6.23	7.60	6.57	7.08	7.66	6.41	7.02	6.62	4.31	5.57
25	7.45	5.91	6.62	7.39	6.30	6.82	7.64	6.37	7.03	6.66	4.38	5.49
26	7.90	6.55	7.16	7.69	6.25	6.90	7.43	5.43	6.39	6.94	5.00	5.88
27	8.29	7.24	7.76	8.13	6.80	7.44	7.04	5.49	6.20	7.04	5.64	6.29
28	8.52	7.84	8.21	8.44	7.50	7.95	7.36	6.22	6.78	7.06	5.38	6.27
29	---	---	---	8.74	8.11	8.41	7.64	6.84	7.25	6.91	4.91	5.98
30	---	---	---	9.00	8.54	8.78	7.86	7.08	7.46	6.44	4.36	5.50
31	---	---	---	9.26	8.92	9.08	---	---	---	6.19	4.02	5.20
MONTH	8.94	5.63	7.53	10.61	6.25	8.89	10.20	5.43	8.25	7.83	4.02	5.88
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.72	3.87	4.86	7.66	6.29	7.08	7.61	6.67	7.12	13.10	13.07	13.09
2	5.72	3.99	4.82	8.28	7.32	7.84	7.98	7.14	7.54	13.10	13.03	13.08
3	5.90	4.20	4.97	8.72	7.97	8.35	7.81	7.15	7.52	13.08	12.96	13.03
4	6.05	4.26	5.12	9.13	8.48	8.77	7.60	6.66	7.15	12.96	12.81	12.88
5	6.26	4.42	5.23	9.49	8.90	9.13	7.69	6.70	7.10	12.81	12.64	12.72
6	6.49	4.83	5.51	9.81	9.26	9.48	7.95	6.93	7.33	12.64	12.43	12.54
7	6.11	4.39	5.30	10.08	9.64	9.80	8.13	7.22	7.64	12.43	12.30	12.36
8	6.13	4.17	4.94	10.41	9.97	10.11	8.14	7.28	7.75	12.37	12.21	12.28
9	6.50	4.53	5.27	10.81	10.35	10.51	8.12	6.82	7.53	12.37	12.28	12.34
10	6.55	4.82	5.63	11.30	10.81	11.02	7.65	6.28	7.01	12.28	12.03	12.16
11	6.61	5.07	5.70	11.84	11.30	11.61	7.31	6.04	6.70	12.03	11.72	11.89
12	6.67	5.41	5.97	11.99	11.84	11.95	7.28	6.10	6.73	11.72	11.31	11.55
13	6.77	5.18	5.93	12.01	11.96	12.00	7.54	6.50	7.02	11.31	10.63	11.03
14	6.53	4.83	5.66	11.96	11.84	11.91	7.55	6.65	7.10	10.63	9.34	10.08
15	6.31	4.82	5.56	11.84	11.71	11.79	7.41	6.56	6.98	9.34	7.95	8.62
16	6.54	5.09	5.86	11.71	11.58	11.66	7.16	6.13	6.69	8.03	7.19	7.69
17	6.81	5.46	6.22	11.58	11.40	11.51	6.94	5.59	6.26	7.98	6.89	7.54
18	6.86	5.58	6.25	11.40	11.13	11.24	7.18	5.77	6.34	7.56	6.95	7.25
19	6.72	5.13	5.98	11.14	10.75	10.91	7.91	6.52	7.12	7.50	6.72	7.11
20	6.62	4.81	5.74	10.75	10.24	10.43	8.41	7.34	7.80	7.38	6.22	6.83
21	6.56	4.48	5.50	10.34	9.72	9.98	8.68	7.94	8.26	6.97	5.70	6.35
22	6.60	4.52	5.49	9.96	9.34	9.63	9.01	8.37	8.63	6.62	5.56	6.14
23	6.63	4.86	5.66	9.67	9.12	9.38	9.24	8.74	8.98	6.44	5.44	5.97
24	7.05	5.30	6.00	9.52	9.06	9.28	9.49	9.08	9.30	6.73	5.73	6.26
25	7.09	5.92	6.42	9.42	8.99	9.18	9.74	9.39	9.58	7.09	6.30	6.69
26	7.11	5.70	6.35	9.28	8.70	8.99	10.00	9.70	9.86	7.21	6.52	6.82
27	6.83	5.13	5.93	8.98	8.40	8.69	10.53	9.99	10.28	6.87	5.94	6.54
28	6.28	4.64	5.44	8.60	7.92	8.31	11.48	10.53	10.98	6.88	5.90	6.29
29	---	---	---	8.15	7.14	7.72	12.53	11.48	12.09	7.03	5.87	6.35
30	---	---	---	7.40	6.58	7.04	12.93	12.53	12.77	7.61	6.27	6.96
31	---	---	---	7.32	6.46	6.85	13.07	12.93	13.01	---	---	---
MONTH	7.11	3.87	5.62	12.01	6.29	9.75	13.07	5.59	8.26	13.10	5.44	9.35
YEAR	13.10	3.84	7.27									

LAKES AND RESERVOIRS IN SOUTH CAROLINA

FEE 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 1993 TO SEPTEMBER 1994

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, 1993	220.4	1290		96.8	8733		96.9	1201		96.9	5847	
Oct. 31, 1993	221.0	1349	22.0	96.5	8585	-55.3	96.1	1099	-38.1	96.3	5520	-122.1
Nov. 30, 1993	220.9	1339	-3.9	97.0	8832	95.3	97.1	1227	49.4	96.9	5847	126.2
Dec. 31, 1993	220.2	1271	-25.4	96.9	8782	-18.7	96.8	1188	-14.6	97.0	5902	20.5
Cal. Yr. 1993			-3.1			0			2.0			37.2
Jan. 31, 1994	220.9	1339	25.4	97.2	8931	55.6	95.7	1049	-51.9	97.0	5902	0
Feb. 29, 1994	221.5	1400	25.2	96.8	8733	-81.8	95.2	987	-25.6	97.0	5902	0
Mar. 31, 1994	221.1	1359	-15.3	98.3	9489	282.3	97.9	1334	129.6	97.3	6068	62.0
Apr. 30, 1994	220.6	1310	-18.9	96.8	8733	-291.7	97.5	1280	-20.8	96.9	5847	-85.3
May. 31, 1994	220.3	1280	-11.2	96.9	8782	18.3	96.7	1175	-39.2	96.5	5629	-81.4
June 30, 1994	220.6	1310	11.6	97.7	9183	154.7	96.6	1162	-5.0	97.1	5957	126.5
July 31, 1994	221.1	1359	18.3	97.0	8832	-131.0	96.7	1175	4.9	97.2	6012	20.5
Aug. 31, 1994	220.8	1329	-11.2	98.0	9335	187.8	97.2	1240	24.3	97.7	6292	104.5
Sept. 30, 1994	221.1	1359	11.6	97.1	8881	-175.2	96.8	1188	-20.1	97.0	5902	-150.5
WTR YR 1994			2.2			4.7			-0.4			1.7

DISCHARGE AT PARTIAL-RECORD STATIONS

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 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 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 .	1987-94	03-02-94	5.76	192	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 .	1974-94	07-21-94	6.39	(+)**	10-08-76	8.12	(+)
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 .	1975-94	08-15-94	2.29	(+)	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 .	1975-94	09-18-94	6.45	115	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 .	1986-94	06-28-94	5.14	127	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 .	1968-94	08-25-94	6.30	604	08-23-92	8.45	1,560
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 .	1984-94	08-25-94	5.20	534	08-12-91	6.20	732
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 .	1975-94	08-15-94	6.42	169	08-15-94	6.42	169

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
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* 1972-94	B	A	(+)	09-19-45	22.35	29,400
Carter Creek at Effingham, SC (02131990)	Lat 34°03'51'', long 79°46'03'', Florence County, on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River. Drainage area is 8.28 mi ² .	1974-94	03-02-94	5.73	(+)**	08-12-91	7.56	(+)**
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 .	1976-94	03-05-94	6.66	260	10-17-90	7.65	618
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* 1972-94	03-05-94	9.62	2,240	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 .	1991-94	08-23-94	6.74	661	08-23-94	6.74	661
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 Pingwood. Drainage area is 2.50 mi ² .	1991-94	02-26-94	5.23	(+)	01-09-93	5.99	88.2
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 Pocatigo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi ² .	1985-94	07-29-94	11.93	(+)	07-29-94	11.93	(+)
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 .	1974-94	03-02-94	6.02	211	08-24-92	7.16	417
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 .	1991-94	09-18-94	5.33	(+)	01-12-93	5.85	(+)
Santee River Basin								
Crowders Creek near Clover, SC (02145642)	Lat 35°08'14'', long 81°08'09'', York County, on road 1104, 1.7 mi downstream from mouth of Rocky Branch and 5.6 mi northeast of Clover. Drainage area is 89.0 mi ² .	1991-92* 1993-94	08-19-94	7.75	1,780	03-30-91	11.43	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
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 .	1990-94	08-19-94	6.26	(+)	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 .	1985-94	09-01-94	7.23	532	08-19-86	11.57	1,120
Steele Creek near Fort Mill, SC (021467801)	Lat 35°02'42'', long 80°56'28'', York County, on State Highway 21 By-pass, 2.8 mi north of Fort Mill. Drainage area is 26.4 mi ² .	1991-92* 1994	09-01-94	14.18	2,160	09-01-94	14.18	2,160
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 .	1990-94	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 .	1990-94	06-29-94	3.94	72.5	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 Wateree Creek and 7.0 mi southwest of Great Falls. Drainage area is 4.55 mi ² .	1975-94	06-29-94	5.09	624	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 .	1990-94	07-07-94	7.40	257	08-02-91	10.85	458
Swift Creek near Camden, SC (02148090)	Lat 34°11'49'', long 80°28'58'', Kershaw County, on County Road 786, 7.9 mi southeast of Camden. Drainage area is 4.90 mi ² .	1990-94	03-02-94	5.66	88.2	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 .	1975-94	08-19-94	4.90	186	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 .	1990-94	03-02-94	13.63	(+)	10-12-90	17.36	(+)
Bells Creek near Sharon, SC (02153840)	Lat 34°53'09'', long 81°25'51'', York County, on County Road 73, 7.2 mi southwest of Sharon, 12.0 mi west of McConnells, 4.5 mi upstream from confluence of Bullocks Creek and Broad River. Drainage area is 5.96 mi ² .	1990-94	08-17-94	4.72	368	10-12-90	8.47	960
Turkey Creek near Lowrys SC (021563931)	Lat 34°48'47'', long 81°22'10'', Chester County, on county road 97, 11.5 mi northwest of Chester, 7.5 mi west of Lowrys. Drainage area is 81.51 mi ² .	1990-94	03-03-94	13.51	(+)	10-13-90	17.37	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
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 .	1990-94	B	A	(+)	06-15-92	14.36	766
Middle Tyger River at Lyman, SC (02157500)	Lat 34°56'35'', long 82°08'00'', Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman. Drainage area is 68.3 mi ² .	1938-68* 1975-94	08-17-94	11.90	3,520	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* 1975-94	B	A	(+)	10-13-90	14.49	4,500
Tributary to Fairforest Creek at Spartanburg, SC (02159785)	Lat 34°57'10'', long 81°57'57'', Spartanburg County, at the S.C. Road S-42-485 crossing of a tributary to Fairforest Creek, 0.1 mi upstream from the mouth at Fairforest Creek. Drainage area is 0.52 mi ² .	1987-94	06-28-94	5.19	243	11-10-90 06-28-94	5.19	243
Fairforest Creek near Union, SC (02160000)	Lat 34°40'45'', long 81°41'25'', Union County, on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union. Drainage area is 183.0 mi ² .	1940-71* 1973-94	06-07-94	6.54	4,980	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. Highway 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest. Drainage area is 5.37.	1929-74* 1975-94	08-19-94	9.72	(+)	08-19-94	9.72	(+)
Brushy Creek near Greenville, SC (02160325)	Lat 34°53'00'', long 82°18'05'', Greenville County, 0.7 mi south of Eastside High School, 0.5 mi southeast of St. Luke Church, 5.0 mi upstream from the mouth at Enoree, at the (J-180) crossing of Brushy Creek. Drainage area is 9.05 mi ² .	1985-94	06-10-94	8.57	855	03-01-87	9.21	942
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* 1975-94	08-16-94	4.31	230	10-09-92	6.66	388
Hamilton Creek near Easley, SC (02162525)	Lat 34°50'10'', long 82°33'50'', Pickens County, on State Highway 135, 4.6 mi northeast of Easley, 0.6 mi upstream of Georges Creek. Drainage area is 1.60 mi ² .	1981-86* 1987-94	08-16-94	6.36	453	08-16-94	6.36	453
Brushy Creek at Greenville, SC (02164011)	Lat 34°49'25'', long 82°24'26'', Greenville County, on Grove Road (Road 20), 1.7 mi south of City Hall in Greenville, 3.9 mi upstream from mouth. Drainage area is 2.82 mi ² .	1983-94	07-22-94	6.98	1,080	07-19-93	9.18	1,740
Dirty Creek Tributary near Laurens, SC (02165350)	Lat 34°29'44'', long 82°05'15'', Laurens County, on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens. Drainage area is 1.21 mi ² .	1974-94	08-17-94	7.27	252	08-17-94	7.27	252

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Sample Branch at Greenwood, SC (02166975)	Lat 34°12'56'', long 82°09'20'', Greenwood County, 1.9 mi north of the County Courthouse, 1.3 mi 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 .	1985-94	06-29-94	8.37	222	10-12-90	9.80	(+)
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 .	1985-94	08-16-94	7.60	172	08-17-92	10.57	(+)
Camping Creek Tributary near Prosperity, SC (02167750)	Lat 34°12'35'', long 81°30'08'', Newberry County, on county road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity. Drainage area is 0.52 mi ² .	1974-94	08-17-94	4.62	54.0	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 .	1985-94	08-16-94	5.86	185	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 .	1984-94	06-27-94	5.37	772	08-12-86	8.05	1,300
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 .	1974-94	06-27-94	4.92	(+)	03-17-83	5.02	(+)
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 .	1985-94	08-16-94	6.91	596	08-12-86	7.92	984
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 1975-94	08-23-94	2.94	22	10-11-91	5.44	167
Cooper River Basin								
Canton Creek near Moncks Corner, SC (021720725)	Lat 33°10'55'', long 80°10'27'', Berkeley County, on county road 787, 9.5 mi southwest of Moncks Corner and 7.0 mi southwest of Lake Moultrie. Drainage area is 4.82 mi ² .	1991-94	08-29-94	6.23	(+)	01-09-93	6.66	(+)
Edisto River Basin								
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 .	1989-94	08-14-94	10.72	(+)	12-03-91	13.29	210

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
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* 1975-94	B	A	(+)	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 .	1986-94	10-30-94	7.17	295	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 .	1985-94	10-30-94	6.00	1,180	10-30-94	6.00	1,180
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 .	1990-94	03-02-94	3.77	(+)	08-02-91	4.67	(+)
Combahee River Basin								
Savannah Creek near Ehrhardt, SC (02175450)	Lat 33°02'03'', long 81°03'11'', Colleton County, on State 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* 1975-94	03-02-94	5.48	(+)	10-09-92	9.33	1,200
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 .	1985-94	08-02-94	4.22	64.5	10-09-92	9.18	(+)
Cowpen Branch near Varnville, SC (021765113)	Lat 32°46'46'', long 81°03'14'', Hampton County, on State Road 278, 11.0 mi northeast of Estill and 4.6 mi south of Varnville. Drainage area is 5.39 mi ² .	1990-94	B	A	(+)	01-12-93	7.19	515
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 .	1990-94	03-03-94	7.12	(+)	01-13-93	9.57	(+)
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* 1987-94	03-03-94	5.76	459	03-07-84	6.60	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1994 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1994 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◆ 1975-94	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◆ 1975-94	08-17-94	7.96	(+)	08-17-94	7.96	(+)
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 1975-94	08-17-94	9.15	1,170	10-01-89 03-17-90	12.28	(+)
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 .	1990-94	06-27-94	8.57	(+)	06-27-94	8.57	(+)
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◆ 1972-94	06-27-94	4.98	(+)	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 .	1991-94	08-17-94	5.02	(+)	08-17-94	5.02	(+)
Miller Creek Tributary near Baldoc, SC (02197410)	Lat 33°04'08'', long 81°24'26'', Allendale County, on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc. Drainage area is 7.51 mi ² .	1977-94	03-05-94	3.63	144	10-11-92	6.19	617

+ Discharge not determined.

♦ Operated as a continuous-record gaging station.

A Stage not determined.

B Date unknown.

* Probably caused by backwater from beaver dam.

** Probably caused by backwater from debris.

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)	DIS-CHARGE (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	1984-1994	10-30-92 05-12-93 07-13-93 10-12-93 12-16-93 02-22-94 05-04-94 06-23-94 09-16-94	88.66 97.04 86.50 86.34 92.75 94.82 89.12 88.06 88.30	2,680 8,760 1,540 1,640 5,510 7,250 3,080 2,530 2,420
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	1966-1994	10-22-92 05-14-93 08-31-93 11-16-93 05-19-94 08-19-94	26.90 27.11 26.85 26.91 26.87 27.34	509 614 501 524 598 778
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.		1946-1994	10-22-92 05-14-93 08-31-93 11-16-93 03-08-94 05-19-94 08-19-94	-- -- -- -- -- -- --	32 25 19 17 23 17 20
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	1982-1994	11-13-92 05-04-93 07-12-93 10-06-93 12-17-93 02-15-94 04-29-94 06-09-94 09-23-94	55.77 53.54 53.48 53.81 55.25 57.80 55.24 53.87 54.32	1,560 1,680 809 990 1,640 2,580 1,600 1,170 1,150

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 sea level. Measuring point: Top of casing at land-surface datum.

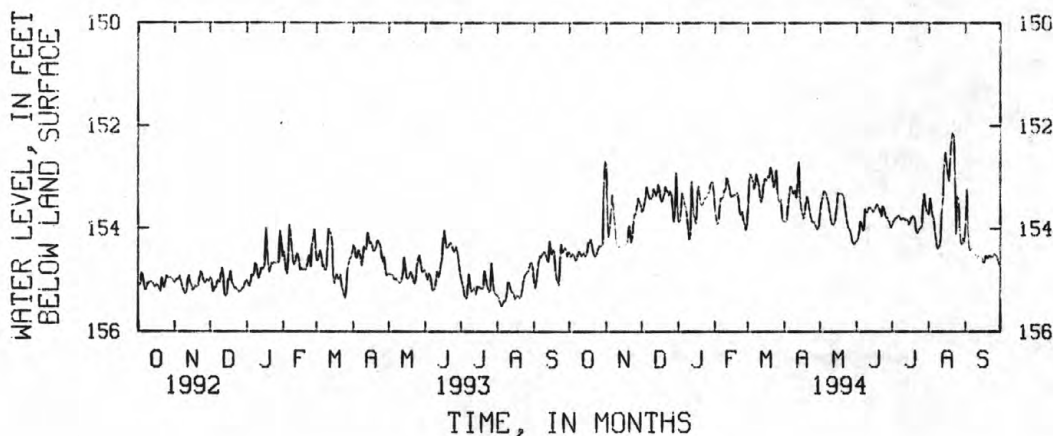
REMARKS.--Also known as SRP-4M. Electric log available in District files.

PERIOD OF RECORD.--May 1952 to 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	154.47	152.75	153.66	153.88	153.64	153.57	153.86	153.72	154.25	153.94	153.74	153.93
2	154.54	153.79	153.64	153.86	153.81	153.04	153.88	153.51	154.21	153.87	153.41	153.22
3	154.52	154.18	153.53	153.68	153.92	152.93	153.83	153.42	154.07	153.83	153.59	154.10
4	154.49	153.99	153.40	153.30	153.89	153.00	153.57	153.28	153.87	153.80	153.76	154.37
5	154.54	153.63	153.19	153.39	153.56	153.06	153.33	153.28	153.90	153.79	153.79	154.43
6	154.62	153.33	153.28	153.52	153.41	153.22	153.18	153.32	154.01	153.76	154.02	154.42
7	154.61	153.59	153.39	153.58	153.41	153.14	153.19	153.40	154.04	153.75	154.21	154.39
8	154.52	153.89	153.43	153.74	153.38	152.94	153.31	153.51	153.61	153.80	154.39	154.44
9	154.45	154.18	153.41	154.00	153.25	153.05	153.33	153.67	153.68	153.83	154.39	154.50
10	154.48	154.29	153.36	154.22	153.22	153.15	153.27	153.82	153.69	153.80	154.35	154.55
11	154.53	154.35	153.23	154.11	153.01	153.36	153.40	153.92	153.62	153.80	154.22	154.57
12	154.51	154.37	153.29	153.07	153.07	153.49	153.15	153.92	153.59	153.84	153.63	154.54
13	154.48	154.36	153.36	153.56	153.21	153.39	152.69	153.93	153.60	153.82	153.44	154.54
14	154.53	154.33	153.29	153.75	153.35	153.15	153.39	153.81	153.65	153.84	152.77	154.54
15	154.53	154.34	153.14	153.87	153.39	153.04	153.62	153.58	153.67	153.92	152.51	154.58
16	154.43	154.36	153.27	153.92	153.36	153.03	153.72	153.30	153.65	153.88	152.76	154.65
17	154.28	154.38	153.43	153.22	153.36	153.06	153.81	153.32	153.59	153.81	152.94	154.67
18	154.28	154.32	153.48	153.17	153.34	152.98	153.72	153.32	153.54	153.77	153.08	154.54
19	154.21	154.26	153.40	153.41	153.32	153.01	153.51	153.31	153.54	153.76	152.66	154.55
20	154.32	153.96	153.34	153.53	153.29	152.81	153.38	153.34	153.62	153.82	152.32	154.59
21	154.47	153.95	153.18	153.56	153.48	152.89	153.48	153.39	153.68	154.03	152.14	154.53
22	154.52	154.28	153.26	153.51	153.71	153.07	153.63	153.59	153.76	154.09	152.19	154.55
23	154.55	154.17	153.28	153.42	153.74	153.20	153.78	153.76	153.57	154.07	152.92	154.55
24	154.49	153.88	153.35	153.40	153.67	153.07	153.86	153.89	153.61	154.01	154.12	154.55
25	154.41	153.73	153.28	153.38	153.84	152.86	153.88	153.98	153.73	153.98	153.36	154.51
26	154.35	153.71	153.33	153.32	153.90	153.30	153.88	154.03	153.79	153.96	153.41	154.50
27	154.35	153.55	153.62	153.30	154.03	153.45	153.94	154.10	153.79	153.46	153.97	154.53
28	154.34	153.41	153.88	153.15	153.93	153.50	153.99	154.23	153.85	153.32	154.27	154.59
29	154.29	153.47	153.69	153.08	---	153.44	154.02	154.29	153.92	153.56	154.32	154.68
30	153.12	153.55	152.90	153.10	---	153.80	153.97	154.31	153.98	153.65	154.19	154.70
31	152.68	---	153.59	153.33	---	153.86	---	154.28	---	153.70	154.29	---
MEAN	154.35	153.94	153.38	153.53	153.52	153.19	153.59	153.69	153.77	153.81	153.52	154.46
MAX	154.62	154.38	153.88	154.22	154.03	153.86	154.02	154.31	154.25	154.09	154.39	154.70
MIN	152.68	152.75	152.90	153.07	153.01	152.81	152.69	153.28	153.54	153.32	152.14	153.22



GROUND-WATER LEVELS

457

ANDERSON COUNTY

343714082285600. Local number, AND-326.

LOCATION.--Lat 34°37'14'', long 82°28'56'', Hydrologic Unit 03060103, Williamston City water treatment plant at College and Minor Street, well 2.

Owner: City of Williamston.

AQUIFER.--Paleozoic Mica Gneiss/Precambrian Mica Gneiss

WELL CHARACTERISTICS.--Drilled observation well, diameter 8.25 in, depth 398 ft, cased to 75 ft, open hole from 75 to 398 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 785 ft above sea level. Measuring point: Top of casing at land-surface datum.

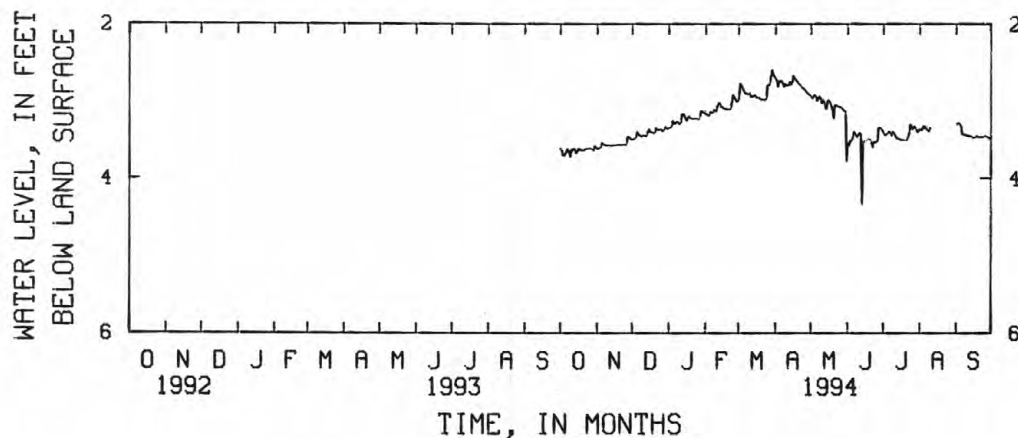
REMARKS.--Geophysical logs available in District files. Water level affected by nearby pumpage.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 2.59 ft below land-surface datum, Mar. 28, 1994; lowest, 4.35 ft below land-surface datum, June 13, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.61	3.61	3.49	3.34	3.16	2.97	2.70	2.94	3.54	3.40	3.36	3.30
2	3.64	3.61	3.49	3.34	3.17	2.77	2.73	2.96	3.57	3.43	3.37	3.28
3	3.70	3.60	3.48	3.32	3.18	2.79	2.81	2.94	3.51	3.44	3.38	3.28
4	3.71	3.60	3.46	3.25	3.18	2.83	2.74	2.92	3.51	3.43	3.33	3.29
5	3.68	3.54	3.40	3.28	3.14	2.86	2.75	2.94	3.48	3.41	3.32	3.33
6	3.64	3.55	3.42	3.28	3.14	2.89	2.73	2.99	3.40	3.39	3.34	3.42
7	3.62	3.56	3.44	3.27	3.15	2.90	2.77	2.96	3.41	3.41	3.36	3.43
8	3.66	3.57	3.44	3.26	3.11	2.90	2.81	2.94	3.44	3.44	3.38	3.43
9	3.72	3.57	3.46	3.28	3.11	2.91	2.78	2.96	3.46	3.40	3.39	3.44
10	3.63	3.57	3.44	3.29	3.13	2.89	2.79	3.02	3.43	3.41	3.35	3.44
11	3.63	3.57	3.44	3.27	3.06	2.93	2.79	2.99	3.41	3.44	---	3.45
12	3.62	3.57	3.45	3.17	3.02	2.94	2.79	3.01	3.43	3.47	---	3.45
13	3.62	3.58	3.45	3.16	3.03	2.93	2.75	3.08	4.35	3.48	---	3.45
14	3.67	3.57	3.40	3.19	3.07	2.92	2.78	3.10	3.53	3.48	---	3.46
15	3.65	3.57	3.36	3.23	3.07	2.93	2.75	2.99	3.52	3.49	---	3.47
16	3.62	3.57	3.39	3.25	3.09	2.95	2.67	2.99	3.50	3.50	---	3.47
17	3.62	3.57	3.40	3.21	3.09	2.96	2.70	3.01	3.51	3.50	---	3.47
18	3.63	3.56	3.40	3.19	3.10	2.95	2.72	3.06	3.49	3.50	---	3.45
19	3.63	3.56	3.41	3.21	3.10	2.97	2.74	3.11	3.49	3.50	---	3.46
20	3.63	3.56	3.40	3.22	3.10	2.98	2.76	3.22	3.50	3.50	---	3.46
21	3.63	3.57	3.35	3.22	3.10	2.97	2.78	3.05	3.54	3.51	---	3.47
22	3.62	3.56	3.36	3.22	3.10	2.98	2.79	3.05	3.59	3.46	---	3.46
23	3.61	3.56	3.37	3.22	3.01	2.99	2.82	3.06	3.53	3.42	---	3.47
24	3.61	3.56	3.36	3.22	2.92	2.97	2.83	3.07	3.53	3.30	---	3.46
25	3.61	3.56	3.36	3.23	2.94	2.79	2.84	3.07	3.52	3.33	---	3.45
26	3.61	3.56	3.38	3.23	2.97	2.79	2.86	3.08	3.51	3.36	---	3.45
27	3.61	3.46	3.38	3.23	3.00	2.78	2.88	3.09	3.35	3.33	---	3.46
28	3.62	3.46	3.36	3.13	3.00	2.67	2.90	3.11	3.34	3.34	---	3.47
29	3.64	3.48	3.33	3.13	---	2.59	2.91	3.12	3.35	3.37	---	3.48
30	3.58	3.49	3.35	3.14	---	2.65	2.92	3.13	3.38	3.40	---	3.49
31	3.60	---	3.35	3.15	---	2.67	---	3.79	---	3.38	---	---
MEAN	3.63	3.56	3.41	3.23	3.08	2.87	2.79	3.06	3.50	3.43	3.36	3.43
MAX	3.72	3.61	3.49	3.34	3.18	2.99	2.92	3.79	4.35	3.51	3.39	3.49
MIN	3.58	3.46	3.33	3.13	2.92	2.59	2.67	2.92	3.34	3.30	3.32	3.28



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 sea level. Measuring point: Top of casing, 1.8 ft above land-surface datum.

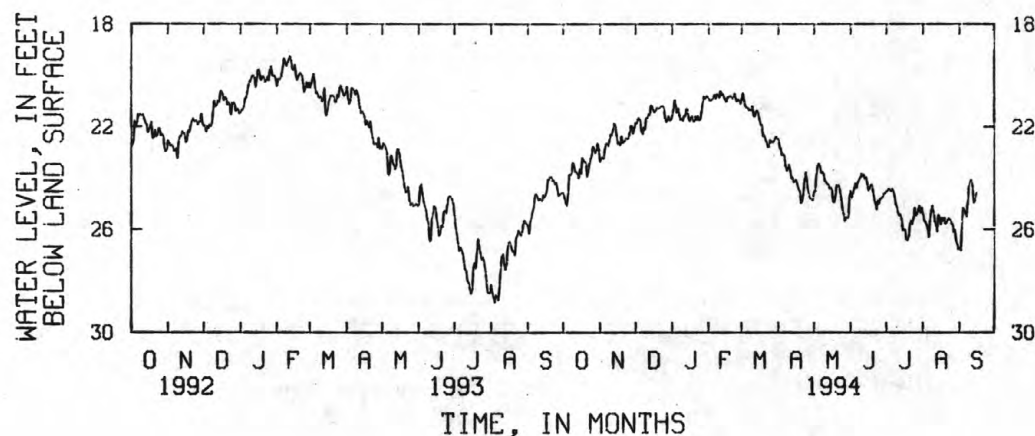
REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.57	23.37	21.86	21.60	20.93	20.95	22.47	24.54	24.50	24.51	25.38	26.72
2	24.77	23.23	21.87	21.35	20.96	20.70	22.83	24.51	24.77	24.51	25.65	26.81
3	24.96	23.20	21.72	20.96	20.97	20.96	22.85	23.86	24.58	24.42	25.71	25.81
4	25.08	23.26	21.66	21.20	20.95	21.19	23.11	23.52	24.42	24.45	25.82	25.14
5	24.63	22.86	21.75	21.46	20.84	21.25	23.07	23.43	24.22	24.53	25.98	25.25
6	23.86	22.69	22.19	21.30	20.76	21.27	23.13	23.55	24.38	24.43	26.30	25.39
7	23.87	22.63	22.29	21.56	20.90	21.36	23.51	23.78	24.17	24.50	25.66	25.51
8	23.84	22.74	22.03	21.73	20.73	21.32	23.72	23.78	24.08	24.70	25.24	24.90
9	23.39	22.53	22.13	21.67	20.76	21.37	23.61	23.84	24.00	25.04	25.07	24.31
10	23.51	22.31	21.67	21.78	20.85	21.21	23.49	24.11	23.85	25.13	25.31	24.13
11	23.74	22.32	21.66	21.60	20.63	21.55	23.70	24.17	23.93	25.36	25.67	24.04
12	23.77	22.11	21.50	21.59	20.76	21.63	24.03	24.25	23.87	25.47	25.85	24.30
13	23.83	21.89	21.56	21.31	20.72	21.43	23.98	24.23	24.02	25.43	26.07	24.99
14	24.01	21.92	21.16	21.34	20.87	21.37	24.16	24.40	23.96	25.62	25.42	24.88
15	23.65	22.36	21.21	21.70	20.96	21.49	24.12	24.37	24.21	26.02	25.55	24.59
16	23.82	22.68	21.36	21.79	21.04	21.74	24.07	24.46	24.49	25.99	25.82	---
17	23.21	22.60	21.45	21.63	20.87	21.94	24.26	24.92	24.39	26.05	25.55	---
18	23.32	22.73	21.36	21.60	20.83	21.92	24.44	24.96	24.28	26.40	25.66	---
19	23.36	22.37	21.27	21.78	20.81	22.38	24.53	24.70	24.27	26.41	25.56	---
20	23.39	22.63	21.30	21.79	20.82	22.33	24.99	24.27	24.54	26.27	25.78	---
21	23.95	22.57	21.29	21.60	20.91	22.51	24.89	24.32	24.85	25.78	25.72	---
22	23.73	22.56	21.24	21.74	20.84	22.60	24.67	24.29	24.99	25.66	25.62	---
23	23.45	22.47	21.20	21.60	20.71	22.80	24.04	24.52	25.23	25.79	25.57	---
24	23.26	22.46	21.18	21.75	20.91	22.78	23.76	24.81	24.87	25.55	25.62	---
25	23.11	22.49	21.25	21.67	21.01	22.53	24.11	25.21	25.00	25.16	25.75	---
26	22.77	22.23	21.65	21.44	20.94	22.57	24.55	25.44	24.82	25.45	25.82	---
27	22.82	21.97	21.82	21.07	20.97	22.61	24.74	25.68	24.79	25.40	26.10	---
28	23.01	21.98	21.74	20.81	21.11	22.59	24.82	25.54	24.75	25.21	26.02	---
29	22.92	22.26	21.61	20.92	---	22.46	24.85	25.56	24.62	25.08	26.44	---
30	22.65	22.02	21.77	20.82	---	22.39	24.88	25.55	24.59	25.35	26.57	---
31	22.90	---	21.70	20.82	---	22.46	---	24.70	---	25.16	26.77	---
MEAN	23.65	22.51	21.60	21.45	20.87	21.86	23.98	24.49	24.45	25.32	25.78	25.12
MAX	25.08	23.37	22.29	21.79	21.11	22.80	24.99	25.68	25.23	26.41	26.77	26.81
MIN	22.65	21.89	21.16	20.81	20.63	20.70	22.47	23.43	23.85	24.42	25.07	24.04



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 sea level. Measuring point: Top of casing, at land-surface.

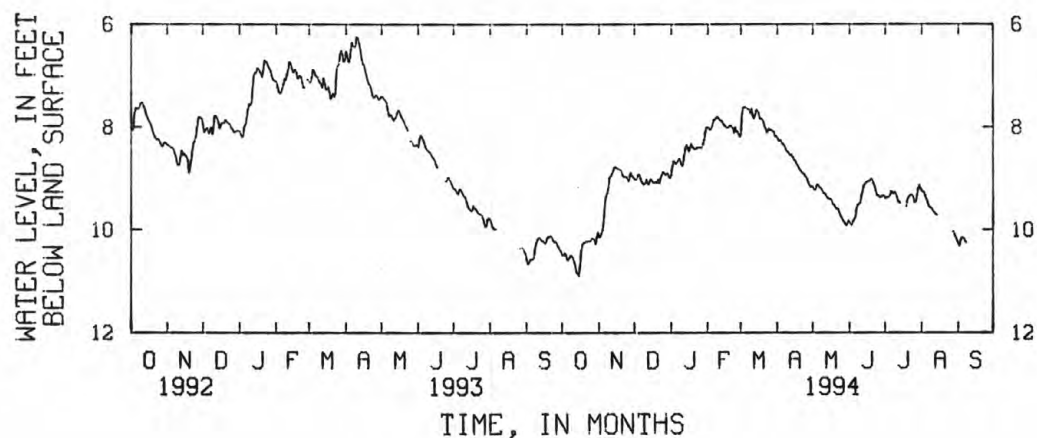
REMARKS.--Water-quality data available in District files.

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.49	10.13	9.01	8.94	8.01	8.15	8.22	9.16	9.86	9.39	9.24	10.28
2	10.49	10.14	9.02	8.76	8.01	7.74	8.26	9.21	9.89	9.37	9.27	10.32
3	10.45	10.08	9.01	8.66	8.05	7.61	8.27	9.24	9.91	9.38	9.27	10.21
4	10.49	10.01	8.94	8.69	8.03	7.62	8.26	9.15	9.84	9.36	9.35	10.16
5	10.58	9.84	8.92	8.71	7.96	7.61	8.32	9.12	9.80	9.35	9.42	10.16
6	10.59	9.54	9.00	8.69	7.86	7.64	8.34	9.16	9.75	9.26	9.47	10.18
7	10.54	9.36	9.07	8.64	7.86	7.65	8.38	9.18	9.59	9.27	9.54	10.24
8	10.50	9.29	9.10	8.62	7.82	7.66	8.43	9.20	9.52	9.30	9.58	10.25
9	10.51	9.18	9.12	8.70	7.80	7.73	8.48	9.24	9.50	9.27	9.58	---
10	10.55	8.99	9.10	8.75	7.83	7.65	8.49	9.29	9.48	9.30	9.61	---
11	10.62	8.95	9.03	8.73	7.86	7.78	8.53	9.30	9.34	9.37	9.65	---
12	10.70	8.91	9.09	8.55	7.88	7.84	8.55	9.33	9.26	9.46	9.69	---
13	10.83	8.85	9.13	8.41	7.88	7.78	8.54	9.38	9.15	9.46	9.71	---
14	10.85	8.79	9.04	8.35	7.94	7.69	8.59	9.39	9.11	9.49	9.71	---
15	10.90	8.77	9.01	8.40	7.97	7.67	8.64	9.41	9.08	---	---	---
16	10.69	8.80	9.05	8.47	7.99	7.73	8.66	9.41	9.07	---	---	---
17	10.40	8.81	9.09	8.39	8.01	7.84	8.71	9.44	9.05	---	---	---
18	10.29	8.82	9.08	8.33	8.01	7.84	8.75	9.51	9.05	---	---	---
19	10.25	8.82	9.07	8.39	7.99	7.85	8.80	9.53	9.01	9.55	---	---
20	10.25	8.85	9.09	8.41	7.97	7.90	8.84	9.57	9.02	9.41	---	---
21	10.22	8.94	9.03	8.43	7.99	7.98	8.86	9.60	9.09	9.36	---	---
22	10.23	8.97	9.09	8.42	8.03	8.03	8.90	9.59	9.14	9.35	---	---
23	10.22	8.97	9.01	8.40	8.11	8.11	8.90	9.65	9.23	9.32	---	---
24	10.22	8.97	8.94	8.40	8.01	8.07	8.94	9.72	9.33	9.33	---	---
25	10.22	8.99	8.87	8.39	8.09	8.04	8.97	9.76	9.34	9.37	---	---
26	10.17	9.05	8.90	8.40	8.08	8.07	9.02	9.81	9.36	9.46	---	---
27	10.17	8.95	8.93	8.40	8.14	8.05	9.08	9.84	9.38	9.47	10.04	---
28	10.19	8.89	8.93	8.33	8.19	8.09	9.13	9.88	9.35	9.34	10.03	---
29	10.27	8.95	8.90	8.25	---	8.09	9.16	9.92	9.36	9.20	10.11	---
30	10.15	8.98	8.97	8.09	---	8.18	9.17	9.89	9.34	9.13	10.17	---
31	10.05	---	8.99	8.01	---	8.18	---	9.84	---	9.20	10.22	---
MEAN	10.42	9.15	9.02	8.49	7.98	7.87	8.67	9.47	9.37	9.35	9.67	10.22
MAX	10.90	10.14	9.13	8.94	8.19	8.18	9.17	9.92	9.91	9.55	10.22	10.32
MIN	10.05	8.77	8.87	8.01	7.80	7.61	8.22	9.12	9.01	9.13	9.24	10.16



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 sea level. Measuring point: Top of casing, 0.2 ft above lands-surface datum.

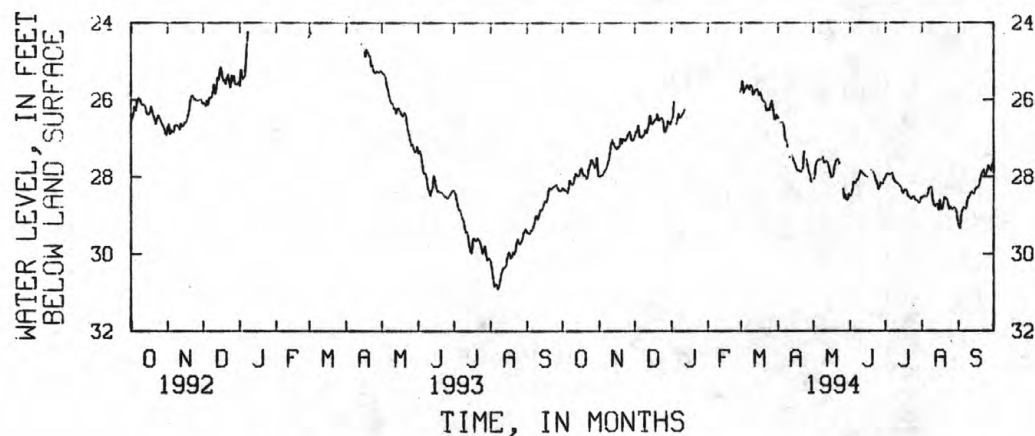
REMARKS.-- Also known as TW3 PT2. Electric log available in District files. Water-level affected by tidal fluctuations. Water-quality data available in District files. Multiple sampling points. Original depth is 746 ft. Cement plug from 619 to 649 ft; gravel filled from 649 to 706 ft; cement plug from 706 to 746 ft.

PERIOD OF RECORD.--October 1983 to September 1994 (discontinued). 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.28	27.98	26.93	26.56	---	25.72	26.47	28.05	28.49	28.01	28.54	29.28
2	28.33	27.99	26.84	26.45	---	25.51	---	28.03	28.49	27.93	28.51	29.34
3	28.34	27.95	26.80	26.06	---	25.82	26.59	27.69	28.34	27.92	28.50	29.01
4	28.35	27.96	26.67	---	---	25.73	26.59	27.60	28.13	27.93	28.50	28.87
5	28.41	27.87	26.96	26.63	---	25.68	26.56	27.55	28.16	27.94	28.51	28.79
6	28.30	27.82	26.95	26.49	---	25.61	26.70	27.55	28.15	27.91	28.44	28.80
7	28.09	27.79	26.99	26.36	---	25.68	27.04	27.54	28.06	27.90	28.30	28.84
8	28.16	27.65	26.93	26.46	---	25.74	27.06	27.56	28.09	28.05	28.26	28.64
9	28.20	27.56	26.91	26.44	---	25.62	27.21	27.48	27.96	28.12	28.29	28.54
10	28.17	27.37	26.79	26.38	---	25.65	---	27.62	27.84	28.14	28.61	28.50
11	28.02	27.13	26.86	26.32	---	25.88	27.48	27.61	27.88	28.16	28.72	28.41
12	27.92	27.04	26.75	26.26	---	25.80	---	27.58	27.91	28.19	28.77	28.39
13	27.95	27.12	26.64	---	---	25.74	27.43	27.63	27.94	28.23	28.72	28.43
14	27.98	27.21	26.41	---	---	25.75	27.57	27.74	27.97	28.27	28.70	28.43
15	27.96	27.24	26.62	---	---	25.71	27.64	27.90	27.99	28.36	28.85	28.32
16	27.82	27.29	26.63	---	---	25.88	27.74	28.01	28.00	28.42	28.60	28.28
17	27.77	27.22	26.57	---	---	25.81	27.81	28.00	---	28.35	28.81	28.28
18	27.91	27.22	26.51	---	---	25.89	27.84	27.93	27.82	28.36	28.86	28.23
19	27.96	27.01	26.50	---	---	26.02	27.83	27.70	27.81	28.34	28.69	28.07
20	27.95	27.13	26.37	---	---	26.03	27.88	27.59	27.84	28.49	28.54	27.96
21	28.03	27.02	26.53	---	---	26.06	27.85	27.56	27.89	28.52	28.55	27.87
22	28.02	27.03	26.52	---	---	26.25	27.78	27.53	27.98	28.53	28.59	27.81
23	27.80	27.07	26.47	---	---	26.28	27.34	27.65	28.10	28.58	28.72	27.96
24	27.70	27.02	26.48	---	---	26.22	---	---	28.17	28.53	28.84	27.93
25	27.56	26.92	26.57	---	---	26.27	27.55	---	28.32	28.50	28.78	27.83
26	27.56	26.86	26.83	---	---	26.11	27.72	28.31	28.26	28.58	28.83	27.71
27	27.65	26.82	26.83	---	---	26.02	27.88	28.55	28.16	28.61	28.84	27.78
28	27.76	27.03	26.71	---	25.80	26.28	27.94	28.47	28.17	28.62	28.80	27.84
29	27.69	27.05	26.55	---	---	26.50	28.12	28.58	28.18	28.67	28.81	27.70
30	27.50	27.03	26.60	---	---	26.51	---	28.61	28.07	28.68	28.93	27.63
31	27.98	---	26.65	---	---	26.39	---	28.45	---	28.55	29.12	---
MEAN	27.97	27.31	26.69	26.40	25.80	25.94	27.42	27.86	28.07	28.30	28.66	28.32
MAX	28.41	27.99	26.99	26.63	25.80	26.51	28.12	28.61	28.49	28.68	29.12	29.34
MIN	27.50	26.82	26.37	26.06	25.80	25.51	26.47	27.48	27.81	27.90	28.26	27.63



MISCELLANEOUS GROUND-WATER SITES

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 sea level (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 September 1994 (discontinued).
 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 1994

<u>DATE</u>	<u>WATER LEVEL</u>	<u>DATE</u>	<u>WATER LEVEL</u>
12/06/93	17.80	05/23/94	17.17
01/18/94	17.80	07/18/94	19.06
02/28/94	16.53	08/29/94	19.31
04/12/94	17.50		

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 sea level (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 September 1994 (discontinued).
 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 1994

<u>DATE</u>	<u>WATER LEVEL</u>	<u>DATE</u>	<u>WATER LEVEL</u>
12/06/93	17.30	05/23/94	16.16
01/18/94	17.41	07/18/94	18.92
02/28/94	15.68	08/29/94	19.04
04/12/94	16.95		

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 sea level. Measuring point: Top of casing, 1.85 ft above land-surface datum.

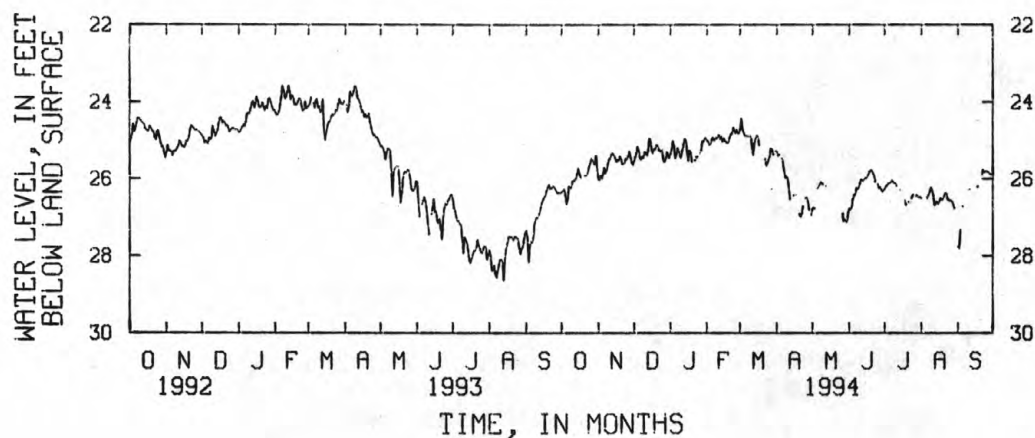
REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in District files.

PERIOD OF RECORD.--August 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.71 ft below land-surface datum, Sept. 10, 1971; lowest, 29.56 ft below land-surface datum, July 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.36	26.03	25.55	25.36	25.00	24.72	25.30	26.78	26.78	26.27	26.50	27.76
2	26.32	26.03	25.44	25.22	25.04	24.43	25.40	26.75	26.81	26.20	---	27.81
3	26.28	25.92	25.34	25.02	25.13	24.72	25.37	26.78	26.75	26.18	---	27.34
4	26.43	26.00	25.16	25.15	25.09	24.81	---	---	26.53	26.14	---	---
5	26.65	25.85	25.28	25.46	24.98	24.88	25.46	26.26	26.43	26.11	26.48	26.71
6	26.52	25.72	25.46	25.36	24.93	24.88	25.56	26.22	26.42	26.10	26.52	---
7	26.19	25.86	25.51	25.21	25.00	24.90	25.80	26.16	26.25	26.05	26.43	---
8	26.24	25.77	25.43	25.29	24.95	24.89	25.98	26.10	26.27	26.09	26.34	---
9	26.23	25.61	25.47	25.43	24.93	24.90	25.95	26.13	26.24	26.11	26.24	26.30
10	26.07	25.49	25.31	25.46	24.95	24.88	25.99	26.13	26.12	26.12	26.30	26.30
11	26.05	25.46	25.32	25.26	24.86	25.21	26.23	---	26.03	26.18	26.43	26.28
12	26.04	25.37	25.39	25.11	24.96	25.39	26.54	26.19	26.04	---	26.69	---
13	26.00	25.33	25.26	24.97	24.90	25.07	---	---	26.05	---	26.65	26.13
14	25.87	25.37	24.95	25.02	25.03	24.96	---	---	26.01	26.29	26.59	---
15	25.74	25.45	25.02	25.37	24.96	24.88	26.44	---	25.98	---	26.65	---
16	25.88	25.55	25.26	25.54	25.01	24.90	---	---	25.99	26.60	26.59	26.27
17	25.95	25.50	25.33	25.26	25.04	25.12	26.42	---	25.90	26.59	26.51	26.21
18	---	25.53	25.24	25.34	25.08	---	---	---	25.82	26.56	26.55	26.19
19	---	25.43	25.22	25.56	25.05	---	26.83	---	25.79	26.67	26.53	---
20	25.93	25.49	25.14	---	24.94	---	26.95	---	25.78	---	26.47	---
21	25.90	25.61	25.14	25.52	24.84	---	27.01	---	25.86	26.60	26.39	25.91
22	25.93	25.61	25.26	25.54	24.82	25.48	26.92	26.32	25.94	---	26.38	25.78
23	25.85	25.57	25.26	25.43	24.68	25.65	26.72	---	26.07	26.60	26.53	25.82
24	25.69	25.48	25.30	25.43	24.74	25.60	---	27.10	---	26.47	26.55	25.81
25	25.59	25.49	25.26	---	24.81	25.51	26.51	---	26.14	26.42	26.57	25.80
26	25.48	25.42	25.54	25.35	24.74	25.43	26.49	26.82	26.24	---	26.55	25.82
27	25.53	25.29	25.57	25.25	24.81	25.22	26.58	27.11	26.22	26.45	26.60	25.84
28	25.60	25.44	25.47	25.02	24.81	25.26	26.80	27.06	26.28	26.42	26.68	25.89
29	25.63	25.58	25.31	25.03	---	25.37	---	27.10	26.34	26.45	26.77	25.87
30	25.39	25.64	25.43	24.96	---	---	26.94	27.13	26.31	26.49	---	25.89
31	25.76	---	25.47	24.94	---	25.28	---	26.88	---	26.48	---	---
MEAN	25.97	25.60	25.33	25.27	24.93	25.09	26.27	26.61	26.19	26.35	26.52	26.27
MAX	26.65	26.03	25.57	25.56	25.13	25.65	27.01	27.13	26.81	26.67	26.77	27.81
MIN	25.39	25.29	24.95	24.94	24.68	24.43	25.30	26.10	25.78	26.05	26.24	25.78



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 sea level. Measuring point: Top of casing, at land-surface.

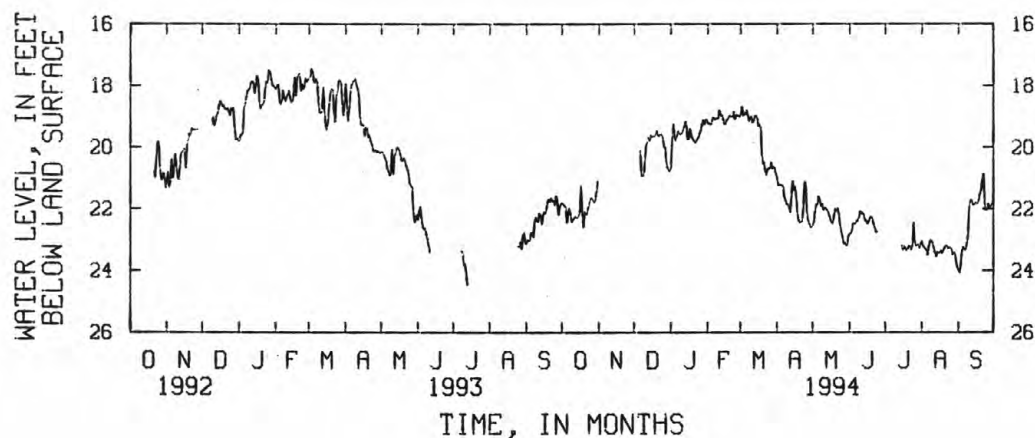
REMARKS.--Gamma log available in District files. Water-quality data available in District files.

PERIOD OF RECORD.--October 1978 to September 1994 (discontinued).

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.80	---	---	20.70	19.23	18.95	21.03	22.53	22.82	---	23.05	23.98
2	21.85	---	---	19.67	19.22	18.67	21.25	22.44	22.80	---	23.21	24.08
3	21.91	---	---	19.22	19.26	18.97	21.22	22.12	22.70	---	23.24	23.74
4	21.93	---	---	19.69	19.26	18.93	21.23	21.87	22.48	---	23.30	23.38
5	22.46	---	---	19.78	19.08	18.90	21.25	21.87	22.48	---	23.35	23.25
6	22.15	---	20.12	19.62	19.03	18.81	21.28	21.60	22.48	---	23.50	23.32
7	21.98	---	20.93	19.48	19.10	18.97	21.63	21.71	22.40	---	23.23	23.34
8	22.15	---	20.96	19.56	19.05	19.14	21.74	21.91	22.39	---	23.05	23.12
9	22.45	---	20.93	19.59	19.09	19.04	21.86	21.84	22.29	---	23.02	22.90
10	22.37	---	20.46	19.55	19.06	19.01	21.87	22.03	22.08	---	23.09	21.94
11	22.31	---	19.91	19.46	18.81	19.19	21.96	21.98	22.16	---	23.25	21.75
12	22.25	---	19.82	19.33	18.95	19.12	22.12	21.99	22.13	---	23.42	21.71
13	22.28	---	19.67	19.17	18.96	18.99	21.65	22.03	22.18	---	23.55	21.86
14	22.31	---	19.78	19.36	19.09	18.98	21.10	22.12	22.38	---	23.41	21.87
15	22.24	---	19.61	19.74	19.23	19.08	21.39	22.24	22.41	23.20	23.43	21.82
16	22.07	---	19.67	19.72	19.26	19.31	21.28	22.37	22.49	23.33	23.43	21.81
17	21.24	---	19.63	19.41	19.11	19.28	21.60	22.46	22.41	23.23	23.36	21.85
18	22.21	---	19.65	19.64	19.09	19.40	22.08	22.48	22.31	23.29	23.44	21.72
19	22.62	---	19.59	19.72	19.00	20.27	22.39	22.21	22.26	23.36	23.36	21.54
20	22.10	---	19.46	19.79	18.98	20.55	22.45	22.01	22.29	23.28	23.29	21.41
21	22.18	---	19.61	19.83	19.01	20.48	22.47	22.08	22.49	23.21	23.22	21.09
22	22.17	---	19.62	19.85	19.00	20.80	22.42	21.99	22.60	23.22	23.20	20.87
23	21.97	---	19.57	19.76	18.84	20.92	22.02	22.17	22.75	23.33	23.28	21.84
24	21.79	---	19.59	19.69	19.09	20.71	21.11	22.53	22.76	23.18	23.26	22.07
25	21.66	---	19.67	19.56	18.99	20.69	21.16	22.73	---	22.43	23.26	22.03
26	21.64	---	19.98	19.47	18.94	20.70	22.11	22.93	---	23.07	23.31	21.84
27	21.71	---	19.99	19.26	18.98	20.50	22.38	23.14	---	23.21	23.48	21.94
28	21.80	---	20.48	19.12	19.01	20.69	22.49	23.11	---	23.18	23.43	21.93
29	21.72	---	20.67	19.25	---	20.64	22.58	23.18	---	23.16	23.45	21.86
30	21.46	---	20.76	19.13	---	20.69	22.62	23.17	---	23.27	23.76	21.76
31	21.12	---	20.79	19.09	---	20.87	---	22.89	---	23.15	23.90	---
MEAN	22.00	---	20.04	19.56	19.06	19.72	21.79	22.31	22.44	23.18	23.34	22.25
MAX	22.62	---	20.96	20.70	19.26	20.92	22.62	23.18	22.82	23.36	23.90	24.08
MIN	21.12	---	19.46	19.09	18.81	18.67	21.03	21.60	22.08	22.43	23.02	20.87



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 sea level. 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 September 1994 (discontinued).

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.60	25.54	23.90	23.31	22.64	22.70	24.49	26.49	26.41	26.37	27.68	29.16
2	26.99	25.09	23.90	23.12	22.92	22.48	24.80	26.45	26.61	26.10	27.30	29.36
3	26.73	25.34	23.75	22.90	22.91	22.91	25.09	25.91	26.32	26.35	28.35	27.58
4	26.50	25.42	23.55	23.05	22.75	23.11	25.39	25.28	26.38	26.42	27.71	27.10
5	25.46	24.99	23.44	23.24	22.64	23.34	25.15	26.13	26.31	26.42	28.01	27.47
6	25.82	24.44	24.38	23.29	22.55	23.17	24.52	25.62	26.23	26.58	28.08	27.55
7	25.70	24.02	24.10	23.25	22.56	23.55	25.66	25.14	25.76	26.65	27.67	28.65
8	25.47	24.74	24.03	23.20	22.38	23.47	26.16	25.65	25.87	26.67	27.69	27.78
9	25.56	24.46	24.62	23.16	22.60	23.35	26.18	26.30	25.77	27.05	26.57	27.02
10	25.81	24.01	23.69	23.80	22.62	23.27	26.02	26.18	25.48	26.84	27.66	26.87
11	25.46	24.50	23.44	23.52	22.42	23.44	26.26	26.38	25.60	27.61	27.67	26.33
12	25.20	24.39	23.26	22.91	22.84	23.56	25.98	26.01	25.59	27.67	28.62	26.64
13	25.61	24.10	23.85	22.67	22.79	23.26	25.68	26.27	25.96	27.04	28.36	26.60
14	---	23.83	23.14	23.00	22.45	22.94	26.12	26.23	26.30	28.16	27.16	26.83
15	---	24.72	23.36	23.41	22.73	23.41	26.20	26.38	26.54	27.91	27.95	27.03
16	---	24.42	23.39	23.39	22.96	23.89	26.05	26.55	26.56	28.22	28.56	27.13
17	---	24.35	23.31	23.68	22.59	23.92	26.15	27.20	26.07	27.82	28.38	26.01
18	---	25.18	22.96	23.04	22.85	23.62	26.45	26.83	25.95	28.88	28.00	26.87
19	---	24.61	23.00	23.26	22.94	24.55	26.53	27.05	26.18	28.51	27.78	26.68
20	25.73	24.55	23.54	23.37	22.80	24.95	26.79	26.36	26.85	28.39	27.88	26.02
21	27.00	24.40	23.09	23.40	23.12	24.72	27.05	27.07	26.55	27.66	28.18	25.72
22	25.74	24.26	22.93	23.36	22.79	24.46	26.53	26.86	26.85	27.76	28.02	26.06
23	25.72	24.26	22.88	23.20	22.79	24.37	26.38	26.99	27.01	27.83	27.75	25.98
24	25.22	24.55	23.05	23.52	22.69	24.63	25.77	26.52	26.44	27.31	27.78	26.42
25	24.66	25.00	23.03	23.54	22.87	24.23	26.11	27.41	26.82	28.01	27.17	26.04
26	25.07	24.15	23.42	23.15	22.95	24.67	26.48	28.45	26.87	27.37	27.54	25.55
27	25.12	24.13	24.04	22.75	23.11	24.78	26.92	28.26	27.09	27.35	27.86	26.02
28	26.10	23.74	23.97	22.64	23.18	24.78	26.55	27.58	26.94	27.01	27.60	26.07
29	24.80	24.47	23.73	22.53	---	24.16	26.70	27.44	27.04	26.53	28.35	25.74
30	24.36	23.75	24.17	22.52	---	24.52	26.82	27.32	26.04	27.18	28.38	25.42
31	24.73	---	23.81	22.51	---	24.63	---	27.08	---	26.50	29.07	---
MEAN	25.65	24.51	23.57	23.15	22.77	23.83	26.03	26.63	26.35	27.30	27.90	26.79
MAX	27.00	25.54	24.62	23.80	23.18	24.95	27.05	28.45	27.09	28.88	29.07	29.36
MIN	24.36	23.74	22.88	22.51	22.38	22.48	24.49	25.14	25.48	26.10	26.57	25.42



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 sea level. Measuring point: Top of casing, 0.70 ft above land-surface datum.

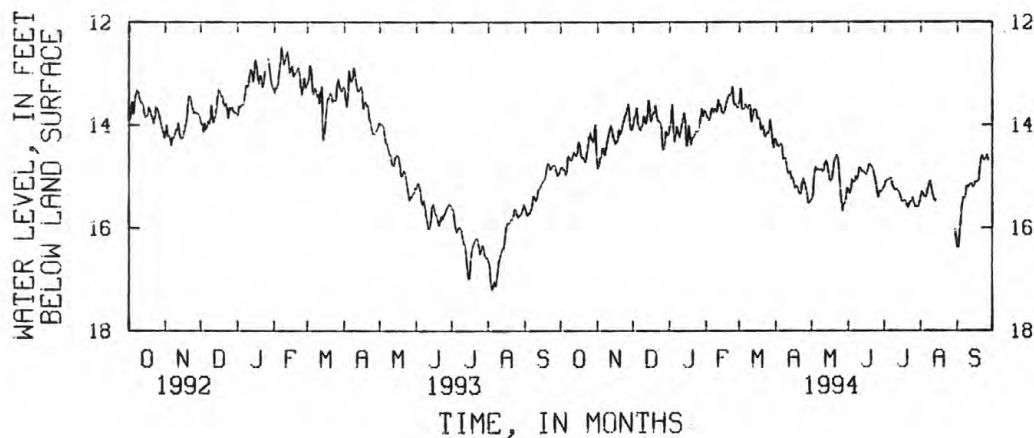
REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.

PERIOD OF RECORD.--December 1977 to September 1994 (discontinued).

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.84	14.85	13.99	14.03	13.82	13.54	14.29	15.44	15.24	15.19	15.38	16.38
2	14.81	14.79	13.85	13.93	13.85	13.28	14.39	15.36	15.32	15.10	15.29	16.37
3	14.86	14.64	13.80	13.58	13.91	13.69	14.40	15.01	15.26	15.08	15.34	16.04
4	14.86	14.61	13.66	14.11	13.87	13.69	14.41	14.81	15.06	15.06	15.39	15.77
5	14.96	14.45	13.96	14.32	13.70	13.69	14.36	14.87	15.10	15.06	15.39	15.54
6	14.90	14.44	14.05	14.17	13.66	13.60	14.39	14.86	15.09	15.03	15.39	15.41
7	14.61	14.57	14.10	14.02	13.74	13.64	14.66	14.85	15.00	15.03	15.24	15.42
8	14.59	14.44	14.02	14.14	13.68	13.68	14.65	14.89	15.05	15.17	15.14	15.35
9	14.67	14.32	13.99	14.23	13.71	13.61	14.64	14.85	14.99	15.22	15.08	15.19
10	14.68	14.21	13.82	14.14	13.75	13.61	14.77	14.90	14.82	15.26	15.21	15.20
11	14.61	14.09	13.94	13.99	13.50	13.94	14.92	14.87	14.84	15.25	15.34	15.17
12	14.52	14.00	13.97	13.89	13.62	13.84	14.95	14.76	14.88	15.25	15.43	15.15
13	14.57	14.07	13.81	13.76	13.60	13.70	14.90	14.70	14.90	15.28	15.48	15.13
14	14.60	14.21	13.50	13.93	13.74	13.70	15.04	14.74	14.90	15.33	15.45	15.20
15	14.53	14.29	13.71	14.41	13.75	13.67	15.02	14.91	14.94	15.41	---	15.18
16	14.32	14.36	13.93	14.40	13.78	13.85	15.12	15.06	14.96	15.48	---	15.11
17	14.39	14.31	13.86	13.99	13.65	13.88	15.22	15.10	14.88	15.48	---	15.09
18	14.59	14.31	13.75	14.24	13.55	13.87	15.19	15.06	14.78	15.47	---	15.11
19	14.64	14.08	13.75	14.38	13.46	14.08	15.21	14.90	14.76	15.46	---	15.06
20	14.62	14.17	13.61	14.24	13.41	14.07	15.29	14.71	14.79	15.56	---	14.82
21	14.70	14.12	13.83	14.23	13.42	14.02	15.34	14.64	14.82	15.61	---	14.65
22	14.72	14.02	13.91	14.19	13.38	14.20	15.33	14.58	14.90	15.53	---	14.59
23	14.53	13.91	13.92	14.12	13.25	14.24	15.11	14.64	15.01	15.50	---	14.68
24	14.37	13.83	13.94	14.12	13.56	14.16	15.04	14.84	15.12	15.47	---	14.67
25	14.22	13.78	14.05	14.11	13.61	14.15	15.13	15.18	15.30	15.41	---	14.64
26	14.14	13.67	14.47	14.04	13.58	14.13	15.23	15.50	15.40	15.51	---	14.58
27	14.27	13.59	14.47	13.84	13.66	13.90	15.33	15.67	15.30	15.58	---	14.67
28	14.33	13.89	14.33	13.67	13.65	14.09	15.51	15.53	15.28	15.58	---	---
29	14.25	14.07	14.11	13.83	---	14.36	15.52	15.52	15.29	15.58	---	---
30	14.00	14.10	14.19	13.72	---	14.44	15.47	15.40	15.24	15.60	16.02	---
31	14.56	---	14.17	13.73	---	14.26	---	15.22	---	15.49	16.23	---
MEAN	14.56	14.21	13.95	14.05	13.64	13.89	14.96	15.01	15.04	15.36	15.42	15.19
MAX	14.96	14.85	14.47	14.41	13.91	14.44	15.52	15.67	15.40	15.61	16.23	16.38
MIN	14.00	13.59	13.50	13.58	13.25	13.28	14.29	14.58	14.76	15.03	15.08	14.58



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 sea level. Measuring point: Top of casing, 1.0 ft above land-surface datum.

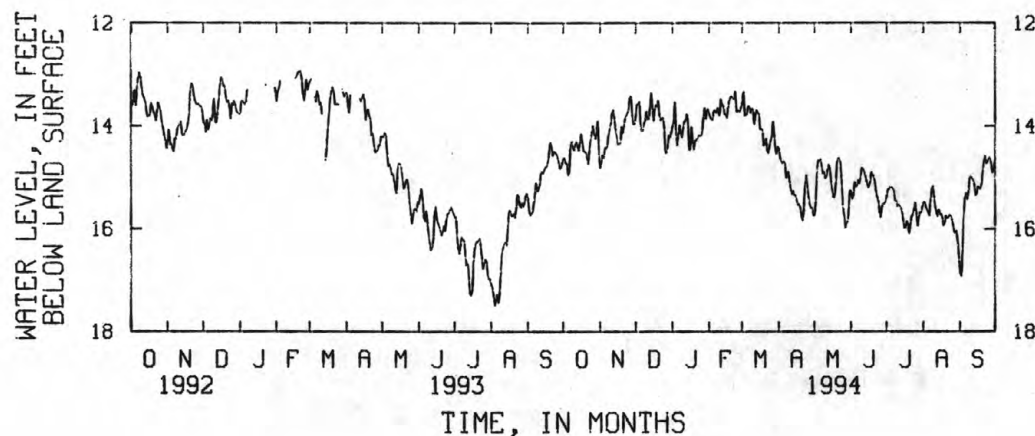
REMARKS.--Geophysical logs and Water-quality data available in District files.

PERIOD OF RECORD.--July 1977 to September 1994 (discontinued).

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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.64	14.82	13.78	14.01	13.77	13.55	14.45	15.75	15.28	15.36	15.49	16.86
2	14.62	14.70	13.59	13.92	13.82	13.33	14.63	15.50	15.42	15.24	15.47	16.92
3	14.72	14.56	13.57	13.53	13.87	13.81	14.70	14.91	15.33	15.22	15.57	16.43
4	14.75	14.62	13.52	14.15	13.87	13.77	14.73	14.66	15.09	15.18	15.64	15.76
5	14.95	14.44	13.96	14.38	13.72	13.79	14.69	14.69	15.17	15.19	15.69	15.40
6	14.87	14.40	14.10	14.14	13.69	13.61	14.73	14.64	15.17	15.21	15.74	15.30
7	14.37	14.42	14.09	13.98	13.74	13.63	15.02	14.77	15.06	15.26	15.45	15.43
8	14.29	14.17	13.94	14.14	13.65	13.74	14.91	14.93	15.12	15.44	15.22	15.29
9	14.43	14.07	13.89	14.22	13.76	13.67	14.89	14.90	15.03	15.46	15.16	15.02
10	14.48	13.95	13.71	14.04	13.80	13.67	15.08	15.02	14.81	15.56	15.38	14.98
11	14.37	13.76	13.86	13.91	13.48	13.97	15.24	14.98	14.84	15.53	15.57	15.03
12	14.31	13.68	13.86	13.89	13.60	13.78	15.34	14.86	14.89	15.55	15.71	15.05
13	14.41	13.84	13.65	13.77	13.60	13.69	15.27	14.76	14.97	15.60	15.76	15.15
14	14.48	14.06	13.36	13.93	13.76	13.74	15.35	14.81	15.07	15.70	15.63	15.35
15	14.34	14.21	13.64	14.48	13.79	13.77	15.36	15.10	15.17	15.83	15.72	15.31
16	14.15	14.36	13.90	14.44	13.84	14.06	15.46	15.26	15.20	15.98	15.72	15.18
17	14.30	14.34	13.69	14.01	13.65	14.06	15.54	15.38	15.10	15.98	15.78	15.21
18	14.49	14.34	13.59	14.32	13.52	14.06	15.52	15.40	14.90	15.85	15.93	15.23
19	14.50	14.00	13.63	14.46	13.45	14.38	15.61	15.12	14.96	15.90	15.87	15.14
20	14.52	14.14	13.51	14.28	13.42	14.35	15.77	14.70	14.97	16.08	15.75	14.89
21	14.64	14.00	13.79	14.28	13.46	14.25	15.84	14.63	15.11	15.91	15.79	14.67
22	14.74	13.87	13.89	14.25	13.47	14.48	15.64	14.62	15.26	15.76	15.77	14.58
23	14.49	13.79	13.85	14.19	13.33	14.53	15.10	14.73	15.39	15.72	15.73	14.73
24	14.28	13.74	13.84	14.18	13.72	14.36	14.95	15.12	15.47	15.61	15.75	14.70
25	14.11	13.67	14.03	14.20	13.72	14.28	15.18	15.52	15.67	15.49	15.82	14.64
26	13.99	13.45	14.54	14.13	13.70	14.20	15.40	15.74	15.78	15.69	15.93	14.61
27	14.16	13.41	14.51	13.85	13.73	13.91	15.55	15.99	15.57	15.94	16.06	14.72
28	14.25	13.79	14.39	13.65	13.64	14.20	15.60	15.88	15.51	15.77	16.09	14.91
29	14.15	13.97	14.18	13.86	---	14.51	15.59	15.87	15.51	15.68	16.04	14.88
30	13.90	13.97	14.21	13.72	---	14.55	15.73	15.60	15.48	15.68	16.27	14.73
31	14.52	---	14.12	13.67	---	14.40	---	15.24	---	15.57	16.55	---
MEAN	14.43	14.08	13.88	14.06	13.66	14.00	15.23	15.13	15.21	15.61	15.74	15.20
MAX	14.95	14.82	14.54	14.48	13.87	14.55	15.84	15.99	15.78	16.08	16.55	16.92
MIN	13.90	13.41	13.36	13.53	13.33	13.33	14.45	14.62	14.81	15.18	15.16	14.58



GROUND-WATER LEVELS

467

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 sea level. Measuring point: Top of casing, 1.25 ft above land-surface datum.

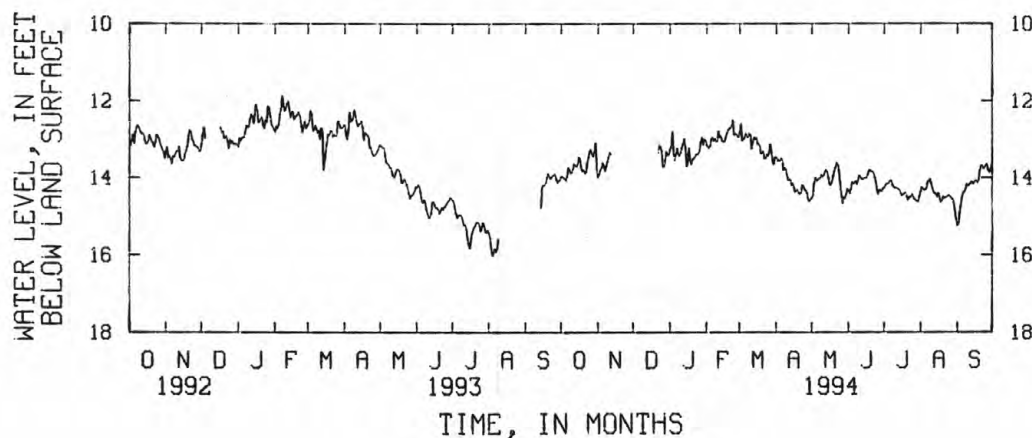
REMARKS.--Water level affected by tidal fluctuations.

PERIOD OF RECORD.--August 1986 to September 1994 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.86 ft below land-surface datum, Feb. 7, 1993; lowest, 16.16 ft below land-surface datum, July 12, 13, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.98	14.00	---	13.25	13.15	12.84	13.48	14.53	14.34	14.27	14.37	15.24
2	13.97	13.92	---	13.17	13.19	12.61	13.56	14.48	14.41	14.20	14.26	15.19
3	14.01	13.81	---	12.79	13.23	13.05	13.54	14.14	14.31	14.17	14.29	14.89
4	14.01	13.74	---	13.41	13.17	12.99	13.57	14.01	14.12	14.15	14.33	14.71
5	14.07	13.61	---	13.55	12.99	12.97	13.50	14.09	14.15	14.15	14.31	14.52
6	13.98	13.69	---	13.38	12.95	12.86	13.52	14.06	14.14	14.09	14.28	14.38
7	13.74	13.82	---	13.24	13.04	12.92	13.80	14.02	14.09	14.08	14.11	14.37
8	13.79	13.70	---	13.38	12.99	12.96	13.75	14.04	14.17	14.19	14.09	14.29
9	13.87	13.58	---	13.43	13.06	12.86	13.79	13.94	14.09	14.24	14.03	14.17
10	13.86	13.47	---	13.35	13.05	12.90	13.92	13.99	13.94	14.27	14.16	14.21
11	13.77	13.34	---	13.22	12.79	13.26	14.06	13.94	14.00	14.28	14.29	14.18
12	13.65	13.39	---	13.13	12.95	13.10	14.07	13.86	14.03	14.27	14.39	14.15
13	13.69	---	---	13.00	12.92	12.96	14.05	13.80	14.04	14.30	14.41	14.10
14	13.70	---	---	13.23	13.04	13.01	14.20	13.86	14.00	14.33	14.42	14.16
15	13.64	---	---	13.72	13.06	12.96	14.16	14.02	14.02	14.41	14.50	14.13
16	13.46	---	---	13.65	13.09	13.13	14.29	14.19	14.01	14.47	14.41	14.09
17	13.56	---	---	13.23	12.96	13.12	14.38	14.19	13.93	14.44	14.50	14.08
18	13.77	---	---	13.53	12.86	13.17	14.33	14.12	13.83	14.42	14.63	14.13
19	13.83	---	---	13.66	12.77	13.38	14.33	13.96	13.80	14.39	14.59	14.06
20	13.80	---	---	13.52	12.72	13.35	14.40	13.83	13.83	14.50	14.50	13.82
21	13.88	---	---	13.50	12.71	13.32	14.43	13.74	13.83	14.58	14.53	13.70
22	13.86	---	13.35	13.46	12.65	13.50	14.40	13.63	13.88	14.53	14.52	13.67
23	13.61	---	13.15	13.39	12.51	13.49	14.20	13.68	14.00	14.51	14.50	13.76
24	13.46	---	13.18	13.39	12.88	13.41	14.23	13.87	14.13	14.49	14.48	13.73
25	13.31	---	13.31	13.37	12.88	13.44	14.31	14.17	14.34	14.43	14.46	13.68
26	13.25	---	13.73	13.30	12.86	13.35	14.35	14.49	14.42	14.52	14.50	13.64
27	13.38	---	13.70	13.07	12.93	13.14	14.41	14.68	14.33	14.57	14.54	13.79
28	13.44	---	13.53	12.95	12.95	13.35	14.59	14.52	14.34	14.59	14.56	13.86
29	13.33	---	13.31	13.14	---	13.61	14.63	14.52	14.36	14.61	14.65	13.79
30	13.10	---	13.41	13.01	---	13.67	14.57	14.43	14.29	14.62	14.91	13.68
31	13.78	---	13.39	13.04	---	13.46	---	14.30	---	14.49	15.09	---
MEAN	13.70	13.67	13.41	13.31	12.94	13.17	14.09	14.10	14.11	14.37	14.44	14.14
MAX	14.07	14.00	13.73	13.72	13.23	13.67	14.63	14.68	14.42	14.62	15.09	15.24
MIN	13.10	13.34	13.15	12.79	12.51	12.61	13.48	13.63	13.80	14.08	14.03	13.64



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 Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 105 ft, open hole from 105 to 202 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval and USGS mini-monitor.

DATUM.--Land-surface datum is 14 ft above sea level. Measuring point: Top of casing, .80 ft above land-surface datum.

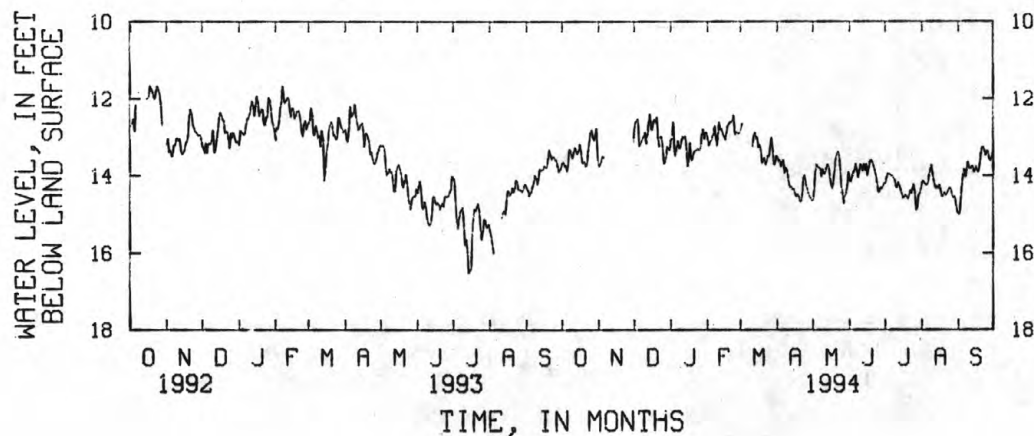
REMARKS.--Water level affected by tidal fluctuations. Well also sampled for water quality.

PERIOD OF RECORD.--September 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.41 ft below land-surface datum, June 6, 1991; lowest, 16.54 ft below land-surface datum, July 4, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.68	13.77	12.76	13.07	13.07	12.82	13.53	14.63	14.11	14.21	14.17	14.99
2	13.64	13.71	12.61	13.04	13.23	12.66	13.63	14.40	14.16	14.05	14.12	15.01
3	13.76	13.64	12.58	12.60	13.14	---	13.59	13.87	14.02	13.96	14.18	14.56
4	13.74	13.51	12.52	13.46	13.10	---	13.77	13.70	13.92	13.94	14.21	14.24
5	13.88	13.53	13.25	13.51	12.97	---	13.65	13.78	13.88	13.97	14.25	13.99
6	13.73	---	13.18	13.25	12.94	---	13.59	13.77	13.70	13.99	14.21	13.83
7	13.32	---	13.12	13.10	12.71	---	13.93	13.82	13.89	14.00	14.00	14.03
8	13.33	---	13.03	13.30	13.06	---	13.80	14.02	14.04	14.05	13.84	13.85
9	13.49	---	12.98	13.26	13.23	---	13.87	13.83	13.89	14.11	13.72	13.65
10	13.56	---	12.88	13.08	12.91	---	14.03	13.95	13.71	14.27	13.97	13.80
11	13.38	---	13.18	12.99	12.60	13.24	14.24	13.93	13.79	14.31	14.13	13.80
12	13.26	---	12.93	13.04	12.82	12.97	14.31	13.82	13.88	14.17	14.27	13.80
13	13.37	---	12.61	12.97	12.80	12.88	14.28	13.72	13.71	14.25	14.34	13.75
14	13.45	---	12.40	13.29	12.92	13.05	14.36	13.74	13.86	14.37	14.26	13.91
15	13.37	---	12.79	13.78	12.98	13.00	14.35	13.97	13.71	14.46	14.33	13.86
16	13.19	---	12.84	13.61	13.08	13.28	14.48	14.23	14.00	14.58	14.24	13.77
17	13.41	---	12.59	13.14	12.89	13.20	14.55	14.33	13.80	14.55	14.41	13.87
18	13.66	---	12.54	13.57	12.73	13.34	14.48	14.23	13.64	14.49	14.54	13.91
19	13.68	---	12.62	13.62	12.66	13.69	14.55	13.89	13.59	14.53	14.52	13.71
20	13.63	---	12.48	13.42	12.59	13.61	14.65	13.58	13.63	14.60	14.43	13.44
21	13.76	---	13.02	13.36	12.63	13.54	14.68	13.45	13.74	14.54	14.50	13.27
22	13.71	---	13.25	13.35	12.57	13.73	14.49	13.37	13.86	14.38	14.46	13.25
23	13.33	---	12.99	13.32	12.43	13.64	14.03	13.45	13.97	14.45	14.41	13.37
24	13.13	---	13.00	13.30	12.95	13.49	13.97	13.85	14.16	14.35	14.33	13.47
25	12.88	---	13.24	13.35	12.88	13.50	14.22	14.26	14.42	14.22	14.31	13.37
26	12.82	---	13.72	13.29	12.88	13.25	14.33	14.47	14.42	14.44	14.43	13.38
27	13.00	---	13.64	12.93	12.91	13.02	14.45	14.73	14.32	14.90	14.54	13.56
28	13.09	---	13.53	12.80	12.89	13.36	14.53	14.54	14.34	14.82	14.59	13.62
29	12.94	---	13.24	13.05	---	13.70	14.58	14.45	14.29	14.51	14.54	13.55
30	12.78	13.13	13.29	12.89	---	13.73	14.66	14.25	14.19	14.46	14.77	13.42
31	13.58	---	13.35	12.88	---	13.49	---	13.91	---	14.34	14.94	---
MEAN	13.40	13.55	12.97	13.21	12.88	13.31	14.19	14.00	13.95	14.33	14.32	13.80
MAX	13.88	13.77	13.72	13.78	13.23	13.73	14.68	14.73	14.42	14.90	14.94	15.01
MIN	12.78	13.13	12.40	12.60	12.43	12.66	13.53	13.37	13.59	13.94	13.72	13.25



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: February 1987 to September 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 200 FEET: February 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 920 microsiemens, Apr. 14, 1988; minimum, 330 microsiemens, Aug. 9, 1990.

SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 5,720 microsiemens, June 25, 1994; minimum, 440 microsiemens, Dec. 11, 1987.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,630 microsiemens, Dec. 23, 1988; minimum, 1590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 704 microsiemens, Oct. 16; minimum, 462 microsiemens, Oct. 5.

SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 5,720 microsiemens, June 25; minimum, 4770 microsiemens, Oct. 10.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 8,130 microsiemens, Oct. 4; minimum, 7,280 microsiemens, Mar. 30.

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	652	468	535	626	470	516	636	470	516	620	478	511
2	636	468	525	654	472	529	644	472	505	620	476	508
3	636	462	521	664	470	537	586	476	496	614	478	505
4	636	468	525	644	468	525	610	472	501	534	478	487
5	648	462	527	666	470	525	572	472	494	600	476	504
6	676	468	548	660	472	525	612	472	509	612	476	507
7	632	470	527	676	472	532	644	472	520	616	476	504
8	624	470	513	656	472	547	642	472	521	608	476	500
9	644	470	522	652	472	542	646	472	519	638	476	514
10	652	468	529	670	472	543	652	476	522	626	480	513
11	652	470	539	686	476	548	612	472	509	626	478	507
12	658	470	541	690	472	545	664	476	531	604	478	507
13	672	470	546	692	472	542	658	476	529	616	478	513
14	686	468	556	692	476	538	664	476	544	542	478	492
15	700	470	562	668	472	528	620	478	510	564	478	491
16	704	470	557	656	476	527	626	476	513	604	480	507
17	690	470	546	648	472	521	622	476	506	604	478	498
18	692	470	544	632	470	514	566	476	496	538	478	486
19	686	470	543	632	476	518	566	478	496	570	476	489
20	680	470	544	600	472	505	554	478	497	566	476	493
21	666	470	545	632	470	522	544	476	486	548	476	485
22	678	468	549	632	470	520	560	476	492	572	476	489
23	676	470	563	608	470	513	592	478	496	582	476	490
24	652	470	559	626	470	518	592	478	494	586	476	492
25	644	468	549	630	470	526	578	476	491	604	472	498
26	630	470	534	644	468	523	588	478	500	626	476	514
27	624	470	525	636	472	516	602	476	505	638	478	519
28	630	468	518	604	472	503	624	476	513	616	478	507
29	636	470	530	634	472	510	634	476	513	602	476	509
30	666	470	527	624	472	513	634	476	517	604	480	511
31	586	472	496	---	---	---	616	478	512	588	480	501
MONTH	704	462	537	692	468	526	664	470	508	638	472	502

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 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	582	480	496	---	---	---	630	480	508	670	472	527
2	582	480	499	---	---	---	618	478	504	636	470	519
3	544	480	487	---	---	---	626	482	512	622	472	519
4	556	478	489	---	---	---	608	478	511	600	472	512
5	586	478	494	---	---	---	620	480	522	564	476	492
6	578	476	493	---	---	---	600	480	514	---	---	---
7	592	480	499	---	---	---	598	482	509	---	---	---
8	---	---	---	---	---	---	638	478	526	---	---	---
9	---	---	---	---	---	---	630	482	520	---	---	---
10	---	---	---	574	476	495	648	482	517	644	478	513
11	---	---	---	572	478	503	640	478	519	654	476	523
12	564	476	496	572	478	498	---	---	---	646	470	515
13	536	472	485	582	478	499	---	---	---	654	476	521
14	538	470	487	592	480	495	612	482	504	644	474	508
15	528	472	482	538	478	489	626	474	494	634	472	503
16	548	472	480	554	476	488	626	470	493	614	476	503
17	558	472	487	544	482	490	588	472	502	---	---	---
18	536	470	482	544	476	484	632	472	514	---	---	---
19	532	470	479	602	478	485	646	470	527	---	---	---
20	572	470	487	616	476	505	642	470	526	658	476	540
21	546	470	482	620	476	507	654	472	537	668	480	533
22	578	470	496	610	476	510	670	470	542	690	478	538
23	---	---	---	622	478	516	666	472	543	678	478	534
24	---	---	---	632	478	522	648	474	520	---	---	---
25	---	---	---	622	478	517	664	472	527	---	---	---
26	---	---	---	644	482	529	676	474	525	---	---	---
27	---	---	---	636	480	523	682	472	525	---	---	---
28	---	---	---	638	480	521	664	472	523	---	---	---
29	---	---	---	640	480	520	658	472	518	---	---	---
30	---	---	---	654	480	523	664	472	520	---	---	---
31	---	---	---	652	482	514	---	---	---	---	---	---
MONTH	592	470	489	654	476	506	682	470	518	690	470	519
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	551	497	505	544	488	497	608	488	511
2	---	---	---	545	497	505	574	488	501	620	488	516
3	---	---	---	507	497	501	586	488	505	616	484	524
4	---	---	---	529	495	501	584	490	507	598	492	516
5	---	---	---	547	495	504	594	490	505	598	490	517
6	---	---	---	587	495	510	620	490	513	566	490	506

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 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4920	4820	4860	5160	4980	5060	5360	5240	5300	5520	5390	5450
2	4920	4820	4860	5160	4970	5050	5360	5240	5300	5530	5390	5460
3	4920	4820	4870	5150	4970	5050	5400	5260	5330	5530	5400	5460
4	4940	4830	4880	5150	4990	5060	5400	5270	5330	5540	5410	5480
5	4920	4830	4860	5150	4980	5060	5420	5280	5350	5540	5410	5480
6	4900	4830	4870	5170	4990	5070	5420	5290	5360	5540	5420	5480
7	4950	4830	4890	5160	5000	5080	5410	5290	5350	5550	5410	5480
8	4960	4800	4870	5180	5000	5080	5430	5290	5360	5560	5410	5490
9	4950	4780	4860	5200	5010	5090	5430	5290	5360	5560	5420	5490
10	4960	4770	4860	5210	5010	5100	5450	5290	5360	5560	5430	5490
11	4980	4790	4870	5220	5000	5100	5460	5310	5370	5560	5420	5490
12	5000	4790	4880	5230	5010	5110	5470	5310	5380	5540	5390	5480
13	5000	4790	4880	5250	5020	5130	5460	5300	5380	5550	5410	5480
14	5000	4780	4880	5290	5030	5150	5450	5310	5370	5550	5430	5490
15	5010	4780	4890	5270	5050	5160	5460	5330	5390	5560	5440	5500
16	5020	4790	4900	5280	5070	5170	5470	5330	5400	5560	5440	5500
17	5020	4810	4910	5280	5090	5180	5460	5340	5400	5550	5440	5490
18	5030	4820	4920	5280	5100	5190	5460	5340	5400	5560	5450	5500
19	5030	4830	4920	5280	5110	5190	5460	5350	5410	5550	5450	5500
20	5030	4850	4930	5280	5110	5190	5470	5360	5410	5550	5460	5500
21	5030	4860	4940	5270	5120	5180	5480	5360	5430	5550	5450	5500
22	5040	4870	4940	5280	5120	5190	5490	5370	5430	5550	5450	5500
23	5020	4880	4940	5280	5130	5190	5500	5370	5440	5560	5440	5500
24	5040	4880	4950	5290	5120	5190	5500	5380	5440	5560	5430	5500
25	5070	4890	4960	---	---	---	5510	5380	5440	5560	5420	5490
26	5080	4900	4980	---	---	---	5510	5380	5450	5560	5420	5490
27	5090	4910	4990	---	---	---	5510	5380	5450	5570	5420	5490
28	5100	4930	5000	---	---	---	5520	5390	5450	5560	5410	5490
29	5110	4930	5010	---	---	---	5520	5380	5450	5570	5420	5500
30	5130	4910	5020	5370	5230	5300	5530	5380	5450	5570	5430	5510
31	5150	4970	5050	---	---	---	5520	5390	5450	5580	5440	5510
MONTH	5150	4770	4920	5370	4970	5130	5530	5240	5390	5580	5390	5490
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5580	5440	5510	---	---	---	5630	5470	5550	5660	5530	5600
2	5590	5450	5540	---	---	---	5630	5470	5540	5670	5540	5610
3	5580	5460	5520	---	---	---	5620	5470	5540	5660	5560	5610
4	5580	5460	5520	---	---	---	5620	5470	5540	5670	5570	5620
5	5570	5450	5520	---	---	---	5610	5470	5530	5680	5570	5630
6	5580	5460	5520	---	---	---	5620	5470	5540	5690	5570	5630
7	5580	5450	5520	---	---	---	5630	5470	5540	5690	5560	5630
8	---	---	---	---	---	---	5620	5470	5540	5690	5570	5630
9	---	---	---	---	---	---	5630	5460	5540	5690	5560	5630
10	---	---	---	5610	5450	5530	5630	5460	5540	5690	5560	5630
11	---	---	---	5620	5450	5530	5630	5470	5550	5690	5540	5620
12	5570	5440	5510	5620	5450	5530	5630	5470	5540	5670	5550	5620
13	5570	5440	5510	5620	5450	5530	5640	5480	5550	5680	5570	5620
14	5560	5450	5510	5610	5450	5540	5640	5500	5580	5680	5570	5620
15	5570	5450	5510	5620	5450	5540	5620	5520	5570	5680	5580	5630
16	5570	5470	5510	5610	5460	5540	5640	5540	5590	5690	5580	5640
17	5560	5460	5510	5610	5470	5530	5640	5540	5590	5690	5580	5640
18	5550	5460	5510	5610	5470	5530	5640	5530	5590	5690	5570	5630
19	5540	5460	5500	5600	5470	5530	5630	5530	5580	5690	5570	5630
20	5550	5460	5500	5590	5470	5520	5630	5510	5570	5700	5570	5640
21	5560	5460	5510	5590	5460	5520	5630	5500	5570	5700	5570	5630
22	5560	5460	5510	5590	5460	5520	5650	5500	5570	5700	5540	5620
23	---	---	---	5610	5460	5520	5650	5500	5570	---	5530	5620
24	---	---	---	5610	5440	5520	5660	5500	5580	---	---	---
25	---	---	---	5620	5450	5530	5670	5500	5590	---	---	---
26	---	---	---	5620	5440	5530	5680	5510	5600	---	---	---
27	---	---	---	5630	5440	5540	5680	5490	5600	---	---	---
28	---	---	---	5630	5450	5540	5680	5510	5600	---	---	---
29	---	---	---	5630	5450	5550	5670	5520	5600	---	---	---
30	---	---	---	5630	5450	5550	5660	5530	5600	---	---	---
31	---	---	---	5630	5460	5550	---	---	---	---	---	---
MONTH	5590	5440	5510	5630	5440	5530	5680	5460	5570	5700	5530	5630

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 1993 TO SEPTEMBER 1994--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8100	7600	7820	7970	7620	7760	---	---	---	---	---	---
2	8120	7590	7830	7930	7590	7730	---	---	---	---	---	---
3	8120	7610	7840	7910	7580	7730	---	---	---	---	---	---
4	8130	7630	7850	7920	7580	7740	7820	7470	7630	---	---	---
5	8120	7610	7840	7900	7580	7730	7850	7500	7640	---	---	---
6	8050	7630	7820	7910	7590	7740	7760	7480	7610	---	---	---
7	8050	7690	7850	7890	7570	7740	7740	7470	7590	---	---	---
8	8000	7600	7810	7880	7580	7720	7750	7460	7580	---	---	---
9	7970	7660	7810	7930	7570	7720	7750	7440	7560	---	---	---
10	8000	7670	7820	7940	7560	7710	7750	7410	7550	---	---	---
11	8000	7670	7810	7940	7520	7680	7760	7420	7550	---	---	---
12	8010	7660	7810	7950	7490	7680	7750	7420	7550	7910	7420	7610
13	8040	7620	7780	7950	7480	7670	7750	7400	7540	7780	7400	7550
14	8020	7580	7750	7940	7470	7680	7750	7410	7560	7790	7410	7560
15	8010	7560	7740	7930	7490	7680	7750	7410	7560	7800	7420	7570
16	8010	7540	7740	7910	7480	7660	7720	7420	7540	7730	7410	7530
17	8010	7560	7750	7890	7480	7650	7700	7420	7540	7750	7410	7540
18	8050	7580	7770	7870	7490	7650	7690	7430	7560	7770	7420	7570
19	7990	7590	7760	7840	7490	7640	7690	7430	7550	7710	7430	7540
20	7960	7580	7750	7850	7500	7650	7710	7470	7570	7710	7440	7550
21	7950	7610	7760	7780	7500	7630	7740	7470	7580	7710	7440	7550
22	7930	7620	7760	7790	7520	7640	7720	7460	7570	7750	7430	7560
23	7890	7640	7760	7800	7500	7630	---	---	---	7760	7420	7560
24	7930	7660	7780	7820	7500	7620	---	---	---	7770	7410	7560
25	7930	7670	7790	7820	7480	7600	---	---	---	7780	7400	7550
26	7960	7680	7800	7770	7460	7600	---	---	---	7790	7400	7540
27	7970	7670	7810	7810	7450	7610	---	---	---	7810	7390	7550
28	7990	7680	7810	7840	7470	7620	---	---	---	7840	7390	7570
29	7970	7620	7780	---	---	---	---	---	---	7840	7420	7580
30	8000	7590	7780	---	---	---	---	---	---	7830	7420	7580
31	7990	7630	7790	---	---	---	---	---	---	7840	7420	7580
MONTH	8130	7540	7790	7970	7450	7680	7850	7400	7570	7910	7390	7560
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7820	7420	7580	---	---	---	7830	7400	7580	7720	7340	7500
2	---	---	---	---	---	---	7820	7400	7570	7760	7380	7530
3	---	---	---	---	---	---	7800	7400	7560	7710	7380	7520
4	---	---	---	---	---	---	7760	7420	7560	7760	7410	7560
5	---	---	---	---	---	---	7760	7400	7550	7780	7420	7570
6	---	---	---	---	---	---	7800	7400	7560	7780	7400	7560
7	---	---	---	---	---	---	7810	7400	7570	7780	7390	7560
8	---	---	---	---	---	---	7780	7380	7550	7770	7400	7570
9	---	---	---	---	---	---	7800	7390	7550	7760	7410	7560
10	---	---	---	7830	7400	7590	7800	7380	7560	7780	7390	7560
11	---	---	---	7910	7420	7600	7800	7380	7570	7770	7390	7530
12	---	---	---	7810	7420	7580	7780	7390	7550	7740	7380	7540
13	---	---	---	7820	7410	7580	7810	7380	7560	7770	7390	7540
14	---	---	---	7840	7430	7600	7870	7400	7640	7740	7400	7540
15	---	---	---	7810	7430	7600	7840	7400	7600	7760	7400	7550
16	---	---	---	7810	7450	7610	7760	7400	7560	7780	7410	7560
17	---	---	---	7820	7450	7600	7720	7420	7550	7750	7400	7540
18	---	---	---	7780	7450	7610	7730	7400	7540	7740	7390	7530
19	---	---	---	7740	7470	7590	7710	7370	7520	7740	7410	7540
20	---	---	---	7730	7460	7590	7720	7350	7520	7790	7410	7550
21	---	---	---	7730	7450	7590	7720	7350	7510	7790	7390	7550
22	---	---	---	7760	7460	7590	7740	7370	7520	7780	7360	7530
23	---	---	---	7790	7430	7580	7780	7350	7520	7810	7350	7530
24	---	---	---	7830	7410	7570	7820	7360	7550	7830	7380	7540
25	---	---	---	7860	7410	7590	7830	7370	7550	7690	7400	7530
26	---	---	---	7880	7390	7580	7850	7360	7550	7730	7430	7560
27	---	---	---	7890	7390	7590	7850	7360	7540	7750	7440	7580
28	---	---	---	7900	7400	7600	7810	7360	7530	7720	7450	7550
29	---	---	---	7880	7400	7600	7800	7360	7520	7770	7460	7610
30	---	---	---	7870	7280	7580	7750	7340	7500	7700	7480	7580
31	---	---	---	7860	7380	7580	---	---	---	7730	7510	7600
MONTH	7820	7420	7580	7910	7280	7590	7870	7340	7550	7830	7340	7550

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 sea level. Measuring point: Top of casing, 1.15 ft above land-surface datum.

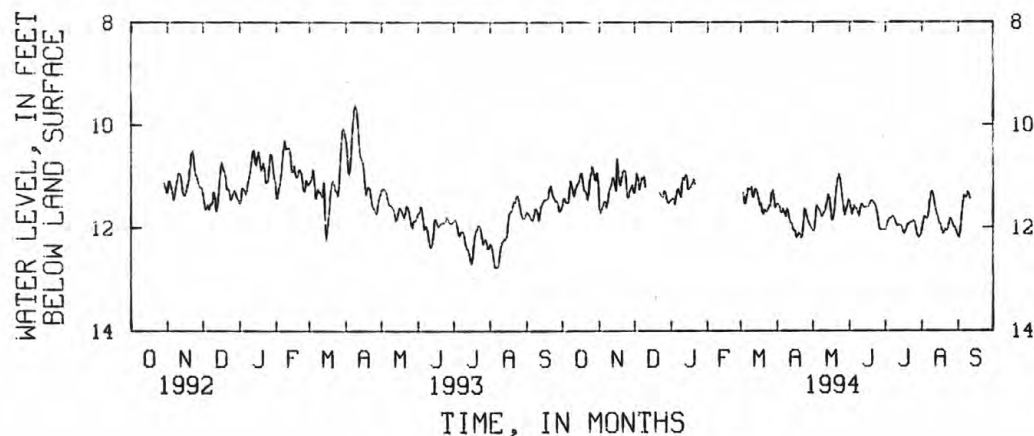
REMARKS.--Water level affected by tidal fluctuations.

PERIOD OF RECORD.--August 1986 to September 1994 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 9.61 ft below land-surface datum, Apr. 9, 1993; lowest, 12.81 ft below land-surface datum, July 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.56	11.62	11.33	11.46	---	---	11.54	12.06	11.49	12.04	12.03	12.18
2	11.43	11.72	11.15	11.44	---	---	11.54	12.08	11.63	11.98	11.91	12.20
3	11.44	11.64	10.94	11.44	---	11.32	11.60	11.87	11.74	11.89	11.80	11.97
4	11.50	11.57	11.07	11.54	---	11.52	11.70	11.59	11.65	11.85	11.80	11.71
5	11.52	11.50	11.26	11.40	---	11.55	11.71	11.57	11.58	11.82	11.82	11.50
6	11.51	11.49	11.15	11.27	---	11.37	11.64	11.64	11.62	11.82	11.83	11.38
7	11.23	11.60	11.04	11.24	---	11.24	11.71	11.68	11.64	11.78	11.68	11.41
8	11.09	11.49	11.05	11.33	---	11.25	11.79	11.76	11.71	11.79	11.47	11.40
9	11.21	11.32	11.00	11.40	---	11.27	11.64	11.79	11.78	11.85	11.32	11.31
10	11.35	11.24	11.20	11.13	---	11.21	11.67	11.72	11.63	11.92	11.29	11.36
11	11.39	11.16	---	11.03	---	11.40	11.81	11.69	11.54	11.97	11.39	11.43
12	11.25	11.05	---	11.08	---	11.41	11.92	11.57	11.57	11.96	11.56	---
13	11.18	11.03	---	10.98	---	11.26	11.92	11.50	11.61	11.95	11.67	---
14	11.15	11.16	---	10.98	---	11.26	12.02	11.36	11.61	11.95	11.74	---
15	11.10	11.28	---	11.25	---	11.34	12.07	11.43	11.60	11.99	11.84	---
16	10.97	10.64	---	11.26	---	11.45	12.06	11.66	11.61	12.07	11.93	---
17	10.93	10.94	---	11.23	---	11.57	12.19	11.86	11.59	12.12	11.93	---
18	11.10	11.17	---	11.17	---	11.53	12.17	11.84	11.53	12.07	12.04	---
19	11.27	11.18	---	11.14	---	11.69	12.11	11.66	11.48	12.01	12.12	---
20	11.29	11.03	---	11.06	---	11.74	12.12	11.42	11.47	11.94	12.09	---
21	11.35	10.90	---	11.15	---	11.66	12.20	11.20	11.51	11.94	12.04	---
22	11.45	10.88	11.32	---	---	11.68	12.17	11.05	11.54	11.91	12.07	---
23	11.34	10.89	11.36	---	---	11.70	11.90	10.96	11.59	11.90	12.04	---
24	11.07	11.22	11.40	---	---	11.64	11.63	11.06	11.71	11.89	11.93	---
25	10.94	11.42	11.42	---	---	11.58	11.67	11.25	11.85	11.86	11.83	---
26	10.81	11.40	11.29	---	---	11.58	11.80	11.47	12.02	11.89	11.85	---
27	10.88	11.28	11.31	---	---	11.34	11.88	11.68	12.04	12.03	11.93	---
28	11.04	11.22	11.44	---	---	11.27	11.94	11.78	12.04	12.14	11.99	---
29	11.09	11.16	11.51	---	---	11.44	11.99	11.63	12.04	12.18	11.99	---
30	10.93	11.31	11.53	---	---	11.62	12.02	11.58	12.05	12.19	12.06	---
31	11.13	---	11.49	---	---	11.56	---	11.46	---	12.14	12.13	---
MEAN	11.21	11.25	11.26	11.24	---	11.46	11.87	11.58	11.68	11.96	11.84	11.62
MAX	11.56	11.72	11.53	11.54	---	11.74	12.20	12.08	12.05	12.19	12.13	12.20
MIN	10.81	10.64	10.94	10.98	---	11.21	11.54	10.96	11.47	11.78	11.29	11.31



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.

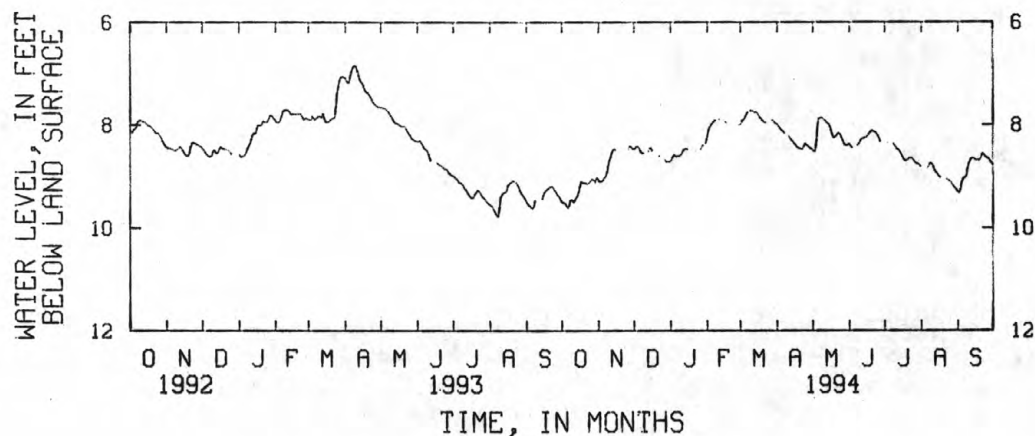
DATUM.--Land-surface datum is 14 ft above sea level. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--August 1986 to September 1994 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 6.84 ft below land-surface datum, Apr. 9, 1993; lowest, 10.19 ft below land-surface datum, Sept. 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.50	9.08	8.46	8.70	8.20	7.99	8.00	8.50	8.38	---	---	9.31
2	9.51	9.10	8.44	8.64	8.09	7.93	8.03	8.52	8.42	---	---	9.33
3	9.51	9.10	8.42	8.61	8.04	7.90	8.06	8.51	8.44	---	---	9.26
4	9.54	9.08	8.42	8.58	8.00	7.88	8.10	8.30	---	---	---	9.13
5	9.58	9.06	8.45	8.60	7.96	7.84	8.12	7.96	---	---	---	9.06
6	9.61	9.03	8.50	8.61	7.94	7.78	8.14	7.88	---	---	8.84	9.03
7	9.56	9.00	8.54	8.60	7.92	7.75	8.16	7.86	8.41	---	8.81	9.02
8	9.48	8.92	8.55	8.60	7.91	---	---	7.86	8.39	8.36	8.76	8.99
9	9.45	8.80	8.55	8.59	---	7.73	---	7.87	8.37	8.39	8.75	8.85
10	9.47	8.70	---	8.56	---	7.72	8.21	7.89	8.32	8.43	8.77	8.75
11	9.50	8.62	---	8.51	7.89	7.73	8.24	7.91	8.28	8.47	8.82	8.69
12	9.45	8.54	---	8.48	---	7.74	8.28	7.94	8.27	8.48	8.88	8.66
13	9.41	8.49	8.51	8.47	---	7.75	8.30	7.96	8.26	8.50	8.92	8.65
14	9.37	8.47	8.46	8.46	7.90	7.74	8.33	7.98	8.25	8.54	8.94	8.65
15	9.31	8.48	8.44	8.47	7.92	7.76	8.36	8.03	8.24	8.58	8.98	8.67
16	9.19	---	8.49	---	7.94	7.80	8.38	8.10	8.23	8.63	9.01	8.68
17	9.11	---	---	---	7.95	7.85	8.42	8.18	8.19	8.68	9.02	8.68
18	9.11	---	---	---	---	7.87	8.44	8.24	8.16	8.69	---	8.68
19	9.12	---	---	---	---	7.91	8.45	8.25	8.13	8.70	---	8.69
20	9.12	---	---	---	---	7.93	8.46	8.23	8.11	8.68	---	8.66
21	9.13	---	---	---	---	7.95	8.47	8.20	8.13	8.66	---	8.58
22	9.13	---	8.60	---	---	7.95	8.48	8.17	8.14	8.64	9.05	8.56
23	9.14	---	---	---	---	---	8.43	8.16	8.15	8.65	9.07	8.59
24	9.12	---	---	---	---	---	8.37	8.19	8.19	8.65	9.08	8.62
25	9.09	---	---	---	---	---	8.38	8.24	8.22	8.68	9.09	8.64
26	9.06	8.47	8.65	8.48	---	---	8.40	8.30	8.27	8.71	9.12	8.64
27	9.06	8.42	8.68	8.45	8.00	7.91	8.42	8.36	8.32	8.75	9.16	8.66
28	9.07	8.41	8.71	8.40	7.99	7.90	8.44	8.39	---	8.76	9.19	8.71
29	9.11	8.44	8.71	---	---	7.93	8.46	8.40	---	8.76	9.22	8.75
30	9.04	8.47	8.72	8.36	---	7.97	8.47	8.41	---	8.78	9.25	8.77
31	9.03	---	8.71	8.30	---	7.97	---	8.37	---	8.81	9.28	---
MEAN	9.29	8.73	8.55	8.52	7.98	7.85	8.31	8.17	8.26	8.62	9.00	8.80
MAX	9.61	9.10	8.72	8.70	8.20	7.99	8.48	8.52	8.44	8.81	9.28	9.33
MIN	9.03	8.41	8.42	8.30	7.89	7.72	8.00	7.86	8.11	8.36	8.75	8.56



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 sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

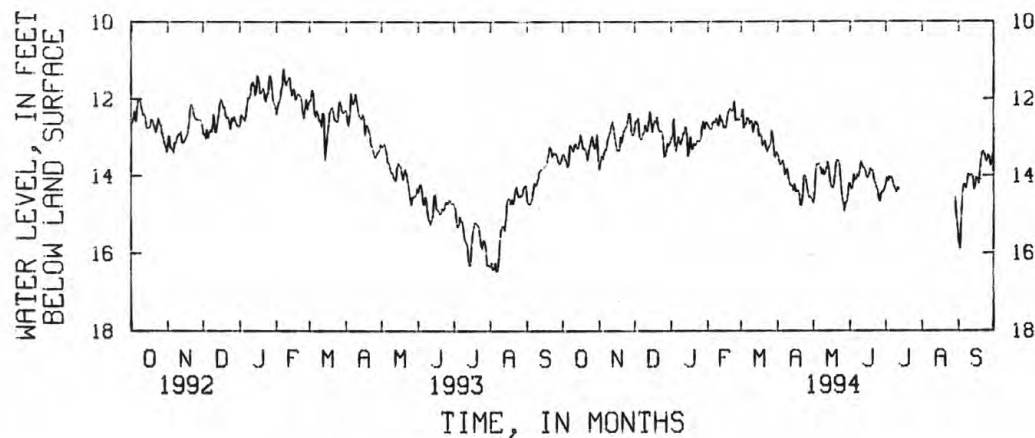
REMARKS.--Water level affected by pumping.

PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.21 ft below land-surface datum, Feb. 7, 1993; lowest, 16.73 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.45	13.83	12.77	13.02	12.70	12.46	13.47	14.72	14.21	14.19	---	15.73
2	13.45	13.62	12.58	12.93	12.74	12.27	13.63	14.43	14.35	14.05	---	15.90
3	13.57	13.48	12.58	12.51	12.80	12.77	13.72	13.86	14.29	14.13	---	15.14
4	13.60	13.56	12.51	13.21	12.79	12.67	13.69	13.69	13.96	14.03	---	14.57
5	13.77	13.39	12.98	13.37	12.61	12.65	13.61	13.72	14.11	14.06	---	14.25
6	13.70	13.32	13.05	13.14	12.58	12.50	13.71	13.67	14.09	14.05	---	14.22
7	13.22	13.31	13.04	12.98	12.62	12.53	13.99	13.80	13.97	14.16	---	14.32
8	13.20	13.06	12.92	13.14	12.52	12.64	13.87	13.95	14.04	14.29	---	14.23
9	13.31	12.97	12.88	13.19	12.66	12.58	13.82	13.84	13.91	14.34	---	13.96
10	13.37	12.88	12.68	13.05	12.71	12.58	14.07	13.98	13.64	14.43	---	13.99
11	13.21	12.69	12.84	12.90	12.42	12.88	14.21	13.91	13.71	14.31	---	14.01
12	13.15	12.59	12.83	12.89	12.57	12.68	14.26	13.80	13.79	14.36	---	13.97
13	13.27	12.77	12.61	12.73	12.57	12.59	14.25	13.65	13.79	---	---	14.04
14	13.28	13.01	12.33	12.91	12.74	12.65	14.39	13.82	13.91	---	---	14.36
15	13.14	13.20	12.65	13.50	12.75	12.68	14.23	14.15	14.03	---	---	14.24
16	12.94	13.34	12.87	13.41	12.73	12.98	14.40	14.27	14.06	---	---	14.05
17	13.09	13.34	12.67	12.98	12.50	12.94	14.42	14.31	13.95	---	---	14.09
18	13.27	13.35	12.55	13.27	12.36	12.98	14.38	14.33	13.82	---	---	14.20
19	13.29	12.99	12.62	13.33	12.28	13.22	14.50	14.02	13.86	---	---	13.91
20	13.31	13.13	12.47	13.16	12.26	13.17	14.76	13.65	13.86	---	---	13.60
21	13.43	12.96	12.77	13.20	12.32	13.08	14.78	13.59	14.09	---	---	13.40
22	13.60	12.83	12.86	13.18	12.28	13.29	14.53	13.62	14.19	---	---	13.36
23	13.35	12.76	12.83	13.09	12.07	13.38	13.99	13.73	14.29	---	---	13.46
24	13.21	12.72	12.84	13.10	12.57	13.27	14.00	14.14	14.36	---	---	13.59
25	13.08	12.60	13.04	13.11	12.54	13.23	14.15	14.48	14.59	---	---	13.63
26	12.96	12.38	13.52	13.05	12.53	13.13	14.40	14.72	14.67	---	---	13.47
27	13.19	12.37	13.48	12.73	12.56	12.82	14.55	14.94	14.48	---	---	13.53
28	13.29	12.81	13.37	12.58	12.53	13.12	14.56	14.72	14.41	---	---	13.74
29	13.18	12.94	13.16	12.79	---	13.49	14.56	14.68	14.42	---	14.57	13.65
30	12.93	12.95	13.21	12.64	---	13.53	14.64	14.51	14.34	---	15.10	13.46
31	13.60	---	13.14	12.60	---	13.40	---	14.19	---	---	15.33	---
MEAN	13.30	13.04	12.86	13.02	12.55	12.91	14.18	14.09	14.11	14.20	15.00	14.07
MAX	13.77	13.52	13.52	13.50	12.80	13.53	14.78	14.94	14.67	14.43	15.33	15.90
MIN	12.93	12.37	12.33	12.51	12.07	12.27	13.47	13.59	13.64	14.03	14.57	13.36



GROUND-WATER LEVELS

BARNWELL COUNTY

331914081242801. Local number, BW-358.

LOCATION.--Lat 33°19'16''(revised), long 81°24'24''(revised), Hydrologic Unit 03050207, on loggin road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 825 ft, 4 in from 800 to 831, 841-847 ft, depth 847 ft, cased to 847 ft, screened interval 831-841 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Top of casing, 1.45 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 49.95 ft below land-surface datum, May 22, 1993; lowest, 54.04 ft below land-surface datum, several days in Oct. and Nov. 1990.

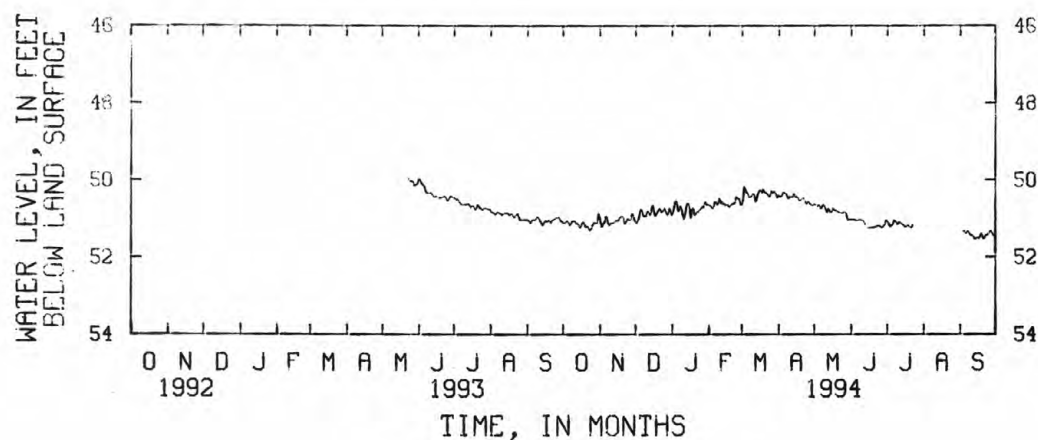
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1	---	---	---	---	---	---	---	---	49.99	50.48	50.84
2	---	---	---	---	---	---	---	---	50.08	50.50	50.84
3	---	---	---	---	---	---	---	---	50.10	50.50	50.88
4	---	---	---	---	---	---	---	---	50.14	50.55	50.90
5	---	---	---	---	---	---	---	---	50.20	50.58	50.84
6	---	---	---	---	---	---	---	---	50.31	50.63	50.84
7	---	---	---	---	---	---	---	---	50.34	50.64	50.85
8	---	---	---	---	---	---	---	---	50.34	50.64	50.86
9	---	---	---	---	---	---	---	---	50.34	50.64	50.90
10	---	---	---	---	---	---	---	---	50.34	50.64	50.90
11	---	---	---	---	---	---	---	---	50.35	50.64	50.88
12	---	---	---	---	---	---	---	---	50.40	50.63	50.86
13	---	---	---	---	---	---	---	---	50.43	50.65	50.86
14	---	---	---	---	---	---	---	---	50.44	50.71	50.86
15	---	---	---	---	---	---	---	---	50.43	50.70	50.88
16	---	---	---	---	---	---	---	---	50.44	50.68	50.93
17	---	---	---	---	---	---	---	---	50.46	50.70	50.89
18	---	---	---	---	---	---	---	---	50.47	50.78	50.87
19	---	---	---	---	---	---	---	---	50.46	50.74	50.95
20	---	---	---	---	---	---	---	---	50.46	50.65	50.98
21	---	---	---	---	---	---	---	---	50.44	50.69	50.95
22	---	---	---	---	---	---	---	49.95	50.43	50.73	50.91
23	---	---	---	---	---	---	---	49.99	50.44	50.74	50.88
24	---	---	---	---	---	---	---	50.03	50.52	50.79	50.96
25	---	---	---	---	---	---	---	50.04	50.54	50.74	51.04
26	---	---	---	---	---	---	---	50.04	50.48	50.74	51.04
27	---	---	---	---	---	---	---	50.14	50.44	50.72	51.04
28	---	---	---	---	---	---	---	50.14	50.44	50.75	51.04
29	---	---	---	---	---	---	---	50.12	50.44	50.75	51.04
30	---	---	---	---	---	---	---	50.09	50.46	50.75	51.04
31	---	---	---	---	---	---	---	49.98	---	50.82	51.04
MEAN	---	---	---	---	---	---	---	50.05	50.37	50.67	50.92
MAX	---	---	---	---	---	---	---	50.14	50.54	50.82	51.04
MIN	---	---	---	---	---	---	---	49.95	49.99	50.48	50.84

GROUND-WATER LEVELS
BARNWELL COUNTY - BW-358--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.11	51.13	51.13	50.83	50.66	50.53	50.43	50.64	51.04	51.11	---	---
2	51.11	51.22	51.06	50.66	50.69	50.17	50.44	50.66	51.04	51.17	---	51.34
3	51.08	51.14	51.00	50.56	50.75	50.24	50.39	50.68	51.04	51.21	---	51.34
4	51.06	51.09	50.82	50.54	50.72	50.32	50.34	50.64	51.06	51.19	---	51.37
5	51.11	50.96	50.75	50.79	50.59	50.35	50.34	50.69	51.06	51.15	---	51.39
6	51.17	50.93	50.84	50.82	50.55	50.44	50.34	50.74	51.06	51.07	---	51.35
7	51.12	51.11	50.94	50.69	50.64	50.44	50.40	50.69	51.04	51.06	---	51.34
8	51.08	51.18	50.94	50.74	50.60	50.44	50.48	50.65	51.04	51.11	---	51.40
9	51.07	51.13	50.96	50.91	50.48	50.38	50.47	50.73	51.06	51.16	---	51.44
10	51.06	51.13	50.84	51.02	50.60	50.35	50.44	50.78	51.06	51.11	---	51.44
11	51.12	51.13	50.81	50.91	50.54	50.48	50.44	50.84	51.09	51.11	---	51.49
12	51.12	51.11	50.89	50.71	50.63	50.58	50.45	50.75	51.16	51.13	---	51.53
13	51.15	51.08	50.90	50.60	50.61	50.43	50.36	50.81	---	51.15	---	51.54
14	51.22	51.05	50.73	50.61	50.66	50.34	50.44	50.84	51.24	51.17	---	51.52
15	51.24	51.04	50.65	50.81	50.65	50.28	50.44	50.84	51.24	51.21	---	51.51
16	51.14	51.06	50.82	51.00	50.64	50.26	50.44	50.74	51.24	51.22	---	51.53
17	51.09	50.99	50.93	50.74	50.70	50.34	50.52	50.79	51.24	51.21	---	51.48
18	51.12	50.95	50.89	50.71	50.68	50.24	50.53	50.79	51.24	51.18	---	51.40
19	51.21	50.93	50.84	50.90	50.66	50.32	50.54	50.81	51.24	51.21	---	51.50
20	51.21	50.98	50.78	50.88	50.64	50.34	50.48	50.84	51.24	51.24	---	51.54
21	51.20	51.12	50.74	50.85	50.62	50.34	50.49	50.84	51.23	51.23	---	51.49
22	51.27	51.12	50.84	50.83	50.61	50.39	50.47	50.86	51.19	51.17	---	51.44
23	51.31	51.04	50.81	50.79	50.46	50.44	50.59	50.86	51.20	---	---	51.44
24	51.27	51.01	50.81	50.76	50.43	50.40	50.62	50.86	51.18	---	---	51.40
25	51.17	51.04	50.73	50.73	50.50	50.29	50.57	50.84	51.23	---	---	51.36
26	51.12	51.04	50.85	50.70	50.49	50.36	50.59	50.84	51.24	---	---	51.34
27	51.12	50.89	50.90	50.71	50.64	50.31	50.64	50.90	51.22	---	---	51.39
28	51.11	50.88	50.88	50.58	50.65	50.31	50.65	51.03	51.17	---	---	51.43
29	51.12	51.02	50.74	50.64	---	50.40	50.69	51.04	51.07	---	---	51.46
30	50.87	51.06	50.84	50.64	---	50.46	50.64	51.04	51.05	---	---	51.53
31	50.95	---	50.91	50.64	---	50.40	---	51.04	---	---	---	---
MEAN	51.13	51.05	50.86	50.75	50.61	50.37	50.49	50.81	51.15	51.16	---	51.44
MAX	51.31	51.22	51.13	51.02	50.75	50.58	50.69	51.04	51.24	51.24	---	51.54
MIN	50.87	50.88	50.65	50.54	50.43	50.17	50.34	50.64	51.04	51.06	---	51.34



GROUND-WATER LEVELS

BARNWELL COUNTY

331916081242801. Local number, BW-359.

LOCATION.--Lat 33°19'16'', long 81°24'24'' (revised), Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 190 ft, 4 in 169-199, 209-214 ft, depth 214 ft, cased to 214 ft, screened interval 199-209 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Top of casing, 1.34 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 45.32 ft below land-surface datum, May 22, 1993; lowest, 52.54 ft below land-surface datum, Oct. 9, 1990.

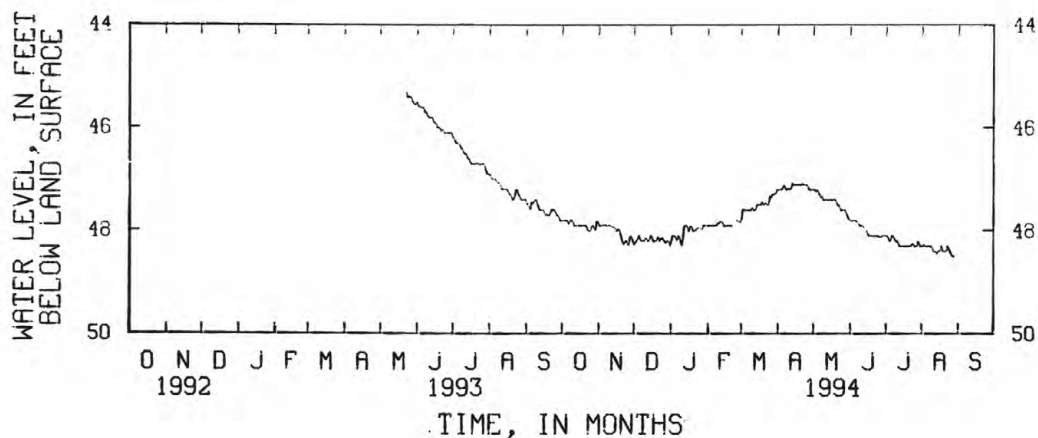
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	45.58	46.21	46.91	47.48
2	---	---	---	---	---	---	---	---	45.59	46.25	46.98	47.51
3	---	---	---	---	---	---	---	---	45.61	46.31	47.01	47.55
4	---	---	---	---	---	---	---	---	45.61	46.31	47.01	47.59
5	---	---	---	---	---	---	---	---	45.61	46.31	47.01	47.46
6	---	---	---	---	---	---	---	---	45.66	46.34	47.02	47.48
7	---	---	---	---	---	---	---	---	45.71	46.41	47.07	47.46
8	---	---	---	---	---	---	---	---	45.71	46.41	47.07	47.41
9	---	---	---	---	---	---	---	---	45.78	46.47	47.11	47.42
10	---	---	---	---	---	---	---	---	45.81	46.51	47.13	47.50
11	---	---	---	---	---	---	---	---	45.81	46.51	47.21	47.57
12	---	---	---	---	---	---	---	---	45.81	46.55	47.21	47.61
13	---	---	---	---	---	---	---	---	45.82	46.61	47.21	47.61
14	---	---	---	---	---	---	---	---	45.90	46.61	47.21	47.61
15	---	---	---	---	---	---	---	---	45.91	46.67	47.21	47.62
16	---	---	---	---	---	---	---	---	45.93	46.71	47.24	47.67
17	---	---	---	---	---	---	---	---	46.01	46.71	47.29	47.71
18	---	---	---	---	---	---	---	---	46.01	46.71	47.31	47.70
19	---	---	---	---	---	---	---	---	46.01	46.71	47.36	47.71
20	---	---	---	---	---	---	---	---	46.06	46.70	47.41	47.71
21	---	---	---	---	---	---	---	---	46.06	46.71	47.40	47.65
22	---	---	---	---	---	---	---	---	45.32	46.05	46.71	47.32
23	---	---	---	---	---	---	---	---	45.41	46.11	46.71	47.61
24	---	---	---	---	---	---	---	---	45.41	46.11	46.75	47.22
25	---	---	---	---	---	---	---	---	45.41	46.11	46.71	47.31
26	---	---	---	---	---	---	---	---	45.42	46.11	46.71	47.34
27	---	---	---	---	---	---	---	---	45.50	46.11	46.73	47.41
28	---	---	---	---	---	---	---	---	45.51	46.11	46.81	47.41
29	---	---	---	---	---	---	---	---	45.55	46.11	46.87	47.41
30	---	---	---	---	---	---	---	---	45.56	46.18	46.91	47.41
31	---	---	---	---	---	---	---	---	45.51	---	46.91	47.41
MEAN	---	---	---	---	---	---	---	---	45.46	45.90	46.60	47.22
MAX	---	---	---	---	---	---	---	---	45.56	46.18	46.91	47.41
MIN	---	---	---	---	---	---	---	---	45.32	45.58	46.21	47.41

GROUND-WATER LEVELS
BARNWELL COUNTY - BW-359--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47.81	47.91	48.28	48.22	47.91	47.80	47.21	47.21	47.81	48.11	48.31	---
2	47.81	47.91	48.23	48.11	47.91	47.60	47.21	47.21	47.81	48.11	48.28	---
3	47.81	47.91	48.21	48.11	47.91	47.60	47.21	47.26	47.81	48.17	48.31	---
4	47.81	47.91	48.16	48.11	47.91	47.61	47.21	47.21	47.81	48.21	48.31	---
5	47.81	47.90	48.11	48.15	47.91	47.61	47.17	47.28	47.81	48.19	48.31	---
6	47.88	47.89	48.18	48.19	47.91	47.61	47.13	47.31	47.82	48.11	48.31	---
7	47.85	47.91	48.21	48.11	47.91	47.61	47.16	47.37	47.85	48.11	48.31	---
8	47.81	47.92	48.21	48.14	47.91	47.61	47.21	47.33	47.88	48.15	48.31	---
9	47.81	47.91	48.21	48.22	47.85	47.61	47.21	47.41	47.91	48.21	48.34	---
10	47.84	47.91	48.17	48.30	47.88	47.56	47.18	47.41	47.91	48.21	48.41	---
11	47.91	47.93	48.15	48.13	47.83	47.61	47.21	47.41	47.91	48.22	48.41	---
12	47.91	47.93	48.21	47.92	47.85	47.61	47.19	47.41	47.94	48.29	48.41	---
13	47.91	47.95	48.21	47.91	47.84	47.60	47.09	47.41	---	48.31	48.46	---
14	47.91	47.94	48.15	47.91	47.91	47.51	47.11	47.41	48.01	48.31	48.41	---
15	47.91	47.98	48.11	47.95	47.91	47.50	47.11	47.41	48.04	48.31	48.41	---
16	47.91	48.01	48.15	48.02	47.91	47.50	47.11	47.41	48.10	48.31	48.40	---
17	47.91	47.98	48.21	47.94	47.91	47.51	47.11	47.41	48.11	48.31	48.31	---
18	47.91	48.00	48.21	47.91	47.91	47.45	47.11	47.41	48.11	48.31	48.40	---
19	47.91	48.07	48.21	48.00	47.91	47.49	47.11	47.41	48.11	48.31	48.41	---
20	47.91	48.18	48.17	48.01	47.91	47.51	47.11	47.45	48.11	48.31	48.41	---
21	47.91	48.24	48.14	48.01	47.91	47.47	47.11	47.51	48.11	48.31	48.40	---
22	47.98	48.27	48.21	47.98	---	47.49	47.10	47.51	48.11	48.31	48.31	---
23	48.01	48.23	48.15	47.97	---	47.51	47.11	47.55	48.11	48.26	48.37	---
24	48.01	48.21	48.18	47.95	---	47.48	47.11	47.61	48.11	48.28	48.42	---
25	48.01	48.24	48.14	47.97	47.81	47.33	47.11	47.61	48.13	48.31	48.46	---
26	47.93	48.30	48.21	47.96	47.81	47.37	47.16	47.61	48.13	48.31	48.50	---
27	47.91	48.16	48.24	48.00	47.82	47.31	47.21	47.61	48.13	48.31	48.51	---
28	47.95	48.11	48.23	47.91	47.85	47.31	47.21	47.66	48.11	48.22	48.51	---
29	48.00	48.15	48.21	47.91	---	47.28	47.21	47.71	48.11	48.26	---	---
30	47.83	48.22	48.22	47.91	---	47.30	47.21	47.77	48.11	48.31	---	---
31	47.84	---	48.30	47.91	---	47.22	---	47.79	---	48.31	---	---
MEAN	47.89	48.04	48.19	48.03	47.88	47.50	47.16	47.45	48.00	48.25	48.38	---
MAX	48.01	48.30	48.30	48.30	47.91	47.80	47.21	47.79	48.13	48.31	48.51	---
MIN	47.81	47.89	48.11	47.91	47.81	47.22	47.09	47.21	47.81	48.11	48.28	---



GROUND-WATER LEVELS

BARNWELL COUNTY

331915981242801. Local number, BW-360.

LOCATION.--Lat 33°19'16'' (revised), long 81°24'24'' (revised), Hydrologic Unit 03050207, on loggin road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Barnwell.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 115 ft, 4 in 92-125, 134-140, depth 140 ft, cased to 140 ft, screened interval 125-134 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Top of casing, 1.29 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 14.15 ft below land-surface datum, May 22, 1993; lowest, 26.92 ft below land-surface datum, Feb. 19, 1989.

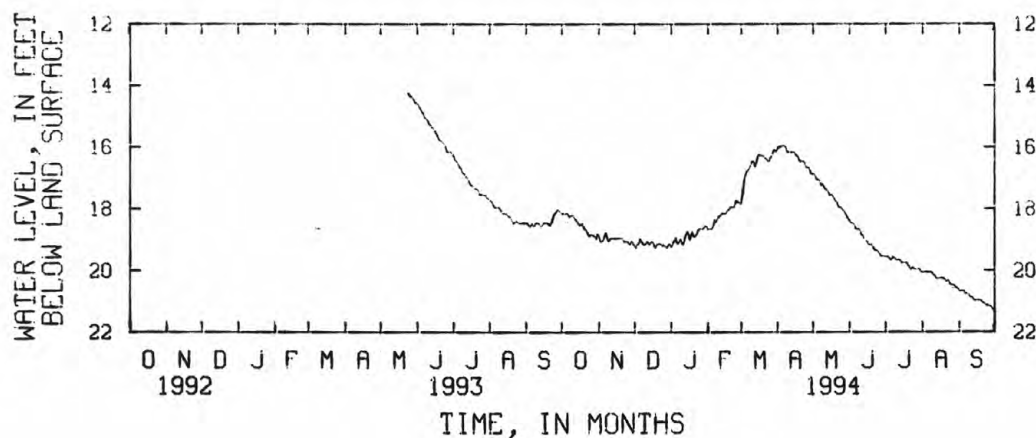
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	14.66	16.33	17.76	18.46
2	---	---	---	---	---	---	---	---	14.71	16.43	17.77	18.52
3	---	---	---	---	---	---	---	---	14.80	16.46	17.85	18.56
4	---	---	---	---	---	---	---	---	14.86	16.51	17.95	18.56
5	---	---	---	---	---	---	---	---	14.90	16.61	17.96	18.48
6	---	---	---	---	---	---	---	---	15.03	16.66	17.96	18.54
7	---	---	---	---	---	---	---	---	15.06	16.69	17.96	18.56
8	---	---	---	---	---	---	---	---	15.11	16.80	17.96	18.48
9	---	---	---	---	---	---	---	---	15.18	16.86	18.05	18.46
10	---	---	---	---	---	---	---	---	15.26	16.86	18.06	18.46
11	---	---	---	---	---	---	---	---	15.27	16.96	18.15	18.48
12	---	---	---	---	---	---	---	---	15.36	16.98	18.16	18.56
13	---	---	---	---	---	---	---	---	15.36	17.06	18.16	18.56
14	---	---	---	---	---	---	---	---	15.43	17.15	18.16	18.54
15	---	---	---	---	---	---	---	---	15.50	17.23	18.21	18.46
16	---	---	---	---	---	---	---	---	15.56	17.26	18.26	18.46
17	---	---	---	---	---	---	---	---	15.63	17.26	18.26	18.46
18	---	---	---	---	---	---	---	---	15.74	17.33	18.30	18.46
19	---	---	---	---	---	---	---	---	15.76	17.35	18.40	18.47
20	---	---	---	---	---	---	---	---	15.79	17.36	18.46	18.56
21	---	---	---	---	---	---	---	---	15.86	17.39	18.46	18.50
22	---	---	---	---	---	---	---	14.15	15.86	17.49	18.42	18.41
23	---	---	---	---	---	---	---	14.24	15.92	17.56	18.42	18.27
24	---	---	---	---	---	---	---	14.31	16.02	17.54	18.46	18.18
25	---	---	---	---	---	---	---	14.36	16.15	17.56	18.46	18.14
26	---	---	---	---	---	---	---	14.36	16.16	17.56	18.46	18.06
27	---	---	---	---	---	---	---	14.42	16.16	17.56	18.46	18.04
28	---	---	---	---	---	---	---	14.47	16.16	17.59	18.46	18.06
29	---	---	---	---	---	---	---	14.56	16.21	17.66	18.46	18.10
30	---	---	---	---	---	---	---	14.56	16.26	17.66	18.46	18.15
31	---	---	---	---	---	---	---	14.58	---	17.72	18.46	---
MEAN	---	---	---	---	---	---	---	14.40	15.52	17.14	18.22	18.40
MAX	---	---	---	---	---	---	---	14.58	16.26	17.72	18.46	18.56
MIN	---	---	---	---	---	---	---	14.15	14.66	16.33	17.76	18.04

GROUND-WATER LEVELS
BARNWELL COUNTY - BW-360--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.16	19.04	19.26	19.20	18.66	17.72	15.98	16.86	18.46	19.56	20.06	20.66
2	18.16	19.06	19.18	19.07	18.66	17.31	16.01	16.97	18.46	19.56	20.06	20.66
3	18.16	19.06	19.16	19.03	18.66	17.05	15.97	17.06	18.47	19.61	20.06	20.66
4	18.16	18.99	19.07	18.93	18.62	16.90	15.96	17.06	18.56	19.65	20.06	20.67
5	18.16	18.86	18.98	19.09	18.48	16.78	15.96	17.07	18.65	19.65	20.06	20.75
6	18.24	18.78	19.06	19.14	18.37	16.76	15.96	17.17	18.66	19.57	20.06	20.74
7	18.26	18.90	19.13	19.06	18.43	16.70	16.00	17.26	18.66	19.58	20.06	20.76
8	18.21	19.05	19.16	19.00	18.39	16.66	16.15	17.20	18.66	19.63	20.07	20.78
9	18.22	19.03	19.16	19.08	18.26	16.53	16.16	17.27	18.77	19.66	20.15	20.86
10	18.26	18.96	19.12	19.16	18.26	16.46	16.16	17.36	18.86	19.66	20.16	20.86
11	18.33	18.96	19.06	19.09	18.22	16.51	16.16	17.37	18.86	19.66	20.22	20.86
12	18.36	18.96	19.15	18.90	18.16	16.65	16.17	17.39	18.96	19.67	20.26	20.94
13	18.44	18.96	19.16	18.81	18.16	16.53	16.16	17.49	---	19.75	20.26	20.96
14	18.46	18.96	19.10	18.75	18.16	16.38	16.16	17.56	19.06	19.76	20.26	20.96
15	18.55	18.96	19.06	18.83	18.16	16.26	16.25	17.56	19.08	19.76	20.26	20.96
16	18.52	18.96	19.12	19.02	18.10	16.26	16.26	17.56	19.16	19.76	20.26	20.96
17	18.46	18.96	19.22	18.90	18.06	16.28	16.32	17.61	19.16	19.76	20.26	20.96
18	18.55	18.96	19.26	18.75	18.03	16.27	16.40	17.70	19.16	19.76	20.26	20.96
19	18.66	18.95	19.16	18.89	17.96	16.28	16.46	17.74	19.21	19.85	20.31	21.01
20	18.66	18.93	19.16	18.89	17.96	16.36	16.46	17.80	19.27	19.90	20.36	21.06
21	18.75	19.06	19.13	18.86	17.96	16.36	16.46	17.89	19.35	19.96	20.35	21.06
22	18.81	19.06	19.16	18.81	17.96	16.42	16.46	17.96	19.35	19.96	20.30	21.11
23	18.86	19.07	19.17	18.70	17.84	16.46	16.52	17.96	19.36	19.90	20.43	21.15
24	18.86	19.06	19.22	18.66	17.75	16.47	16.66	17.99	19.40	19.96	20.46	21.12
25	18.86	19.08	19.16	18.66	17.81	16.33	16.66	18.04	19.46	19.96	20.46	21.16
26	18.86	19.16	19.22	18.66	17.76	16.32	16.66	18.07	19.53	19.96	20.46	21.16
27	18.86	19.10	19.26	18.66	17.82	16.20	16.74	18.16	19.54	19.96	20.50	21.17
28	18.92	19.06	19.24	18.59	17.85	16.11	16.86	18.22	19.54	19.96	20.56	21.26
29	18.98	19.16	19.16	18.56	---	16.10	16.86	18.30	19.56	20.00	20.56	21.29
30	18.82	19.17	19.16	18.56	---	16.16	16.90	18.36	19.56	20.06	20.60	21.36
31	18.88	---	19.24	18.66	---	16.10	---	18.40	---	20.06	20.66	---
MEAN	18.53	19.01	19.16	18.87	18.16	16.51	16.33	17.63	19.06	19.79	20.29	20.96
MAX	18.98	19.17	19.26	19.20	18.66	17.72	16.90	18.40	19.56	20.06	20.66	21.36
MIN	18.16	18.78	18.98	18.56	17.75	16.10	15.96	16.86	18.46	19.56	20.06	20.66



GROUND-WATER LEVELS

BARNWELL COUNTY

331903081242702. Local number, BW-365.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on loggin road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 505 ft, 4 in from 482 to 539 ft, depth 539 ft, cased 539 ft, screened interval from 524 to 534 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Top of casing, 2.41 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 51.57 ft below land-surface datum, May 22, 1993; lowest, 53.95 ft below land-surface datum, Sept. 23, 1994.

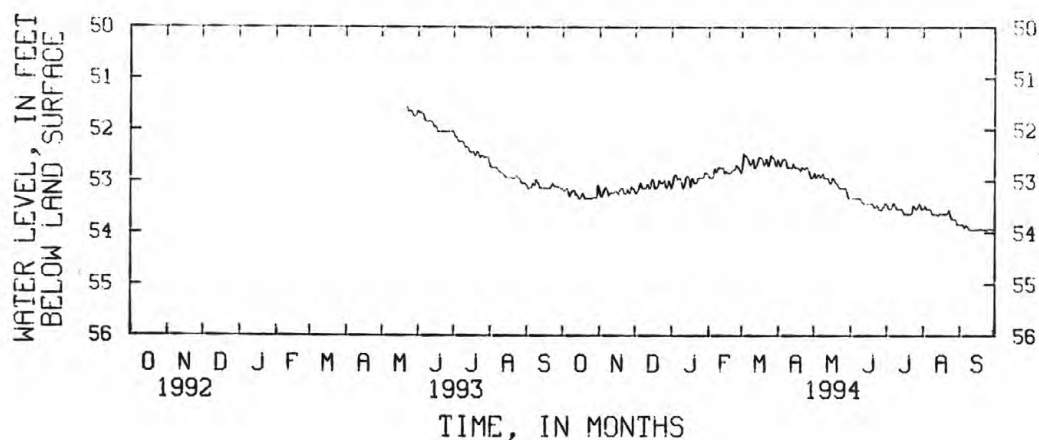
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	51.65	52.09	52.73	53.14
2	---	---	---	---	---	---	---	---	51.69	52.14	52.74	53.14
3	---	---	---	---	---	---	---	---	51.67	52.15	52.74	53.14
4	---	---	---	---	---	---	---	---	51.68	52.22	52.74	53.14
5	---	---	---	---	---	---	---	---	51.73	52.24	52.74	53.07
6	---	---	---	---	---	---	---	---	51.81	52.24	52.75	53.06
7	---	---	---	---	---	---	---	---	51.84	52.24	52.80	53.09
8	---	---	---	---	---	---	---	---	51.84	52.24	52.81	52.98
9	---	---	---	---	---	---	---	---	51.84	52.27	52.84	53.03
10	---	---	---	---	---	---	---	---	51.84	52.34	52.84	53.04
11	---	---	---	---	---	---	---	---	51.84	52.34	52.86	53.13
12	---	---	---	---	---	---	---	---	51.85	52.34	52.88	53.14
13	---	---	---	---	---	---	---	---	51.90	52.40	52.92	53.14
14	---	---	---	---	---	---	---	---	51.94	52.44	52.92	53.14
15	---	---	---	---	---	---	---	---	51.94	52.44	52.94	53.14
16	---	---	---	---	---	---	---	---	51.96	52.44	52.94	53.14
17	---	---	---	---	---	---	---	---	52.04	52.44	52.94	53.14
18	---	---	---	---	---	---	---	---	52.04	52.49	52.94	53.14
19	---	---	---	---	---	---	---	---	52.04	52.51	52.94	53.14
20	---	---	---	---	---	---	---	---	52.04	52.44	52.95	53.14
21	---	---	---	---	---	---	---	---	52.04	52.44	52.96	53.08
22	---	---	---	---	---	---	---	51.57	52.04	52.50	52.91	53.05
23	---	---	---	---	---	---	---	51.64	52.04	52.54	52.91	53.11
24	---	---	---	---	---	---	---	51.64	52.04	52.50	52.94	53.09
25	---	---	---	---	---	---	---	51.64	52.06	52.52	52.94	53.11
26	---	---	---	---	---	---	---	51.66	52.04	52.54	53.00	53.11
27	---	---	---	---	---	---	---	51.72	52.04	52.54	53.04	53.13
28	---	---	---	---	---	---	---	51.74	52.04	52.54	53.04	53.14
29	---	---	---	---	---	---	---	51.74	52.04	52.54	53.04	53.14
30	---	---	---	---	---	---	---	51.72	52.04	52.58	53.05	53.15
31	---	---	---	---	---	---	---	51.65	---	52.69	53.07	---
MEAN	---	---	---	---	---	---	---	51.67	51.92	52.40	52.90	53.11
MAX	---	---	---	---	---	---	---	51.74	52.06	52.69	53.07	53.15
MIN	---	---	---	---	---	---	---	51.57	51.65	52.09	52.73	52.98

GROUND-WATER LEVELS
BARNWELL COUNTY - BW-365--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.19	53.25	53.24	53.05	52.92	52.74	52.65	52.84	53.34	53.47	53.53	53.84
2	53.19	53.32	53.22	52.94	52.93	52.46	52.71	52.92	53.34	53.53	53.48	53.84
3	53.16	53.26	53.17	52.89	52.94	52.50	52.64	52.94	53.34	53.54	53.54	53.84
4	53.15	53.19	53.10	52.87	52.94	52.51	52.59	52.87	53.34	53.54	53.54	53.91
5	53.24	53.14	53.04	52.96	52.80	52.54	52.59	52.88	53.34	53.51	53.54	53.88
6	53.30	53.12	53.13	52.96	52.75	52.60	52.55	52.94	53.34	53.44	53.55	53.86
7	53.25	53.20	53.14	52.94	52.83	52.67	52.63	52.90	53.34	53.44	53.57	53.88
8	53.21	53.29	53.14	52.96	52.79	52.69	52.74	52.86	53.34	53.49	53.64	53.93
9	53.19	53.24	53.14	53.08	52.74	52.65	52.74	52.94	53.37	53.53	53.64	53.94
10	53.18	53.24	53.10	53.14	52.75	52.57	52.74	52.94	53.42	53.54	53.64	53.94
11	53.27	53.24	53.06	53.09	52.74	52.74	52.74	52.94	53.44	53.54	53.64	53.94
12	53.25	53.23	53.14	52.95	52.75	52.74	52.74	52.94	53.44	53.54	53.65	53.94
13	53.31	53.22	53.14	52.90	52.74	52.68	52.66	53.00	---	53.54	53.69	53.94
14	53.34	53.21	53.00	52.91	52.84	52.63	52.73	53.04	53.44	53.58	53.64	53.94
15	53.34	53.21	52.95	52.96	52.81	52.54	52.74	53.04	53.44	53.63	53.64	53.94
16	53.30	53.27	53.06	53.11	52.84	52.54	52.74	52.94	53.44	53.64	53.64	53.94
17	53.24	53.19	53.14	52.96	52.84	52.55	52.76	52.95	53.44	53.64	53.64	53.94
18	53.28	53.16	53.14	52.93	52.84	52.58	52.74	53.01	53.44	53.64	53.64	53.93
19	53.34	53.14	53.13	53.04	52.84	52.68	52.81	53.04	53.46	53.64	53.64	53.94
20	53.34	53.15	53.07	53.04	52.81	52.67	52.74	53.06	53.51	53.64	53.64	53.94
21	53.34	53.24	52.98	53.04	52.79	52.56	52.76	53.11	53.51	53.64	53.63	53.94
22	53.34	53.24	53.04	52.96	52.79	52.63	52.74	53.14	53.47	53.62	53.56	53.94
23	53.34	53.24	53.04	52.94	52.74	52.71	52.77	53.14	53.49	53.48	53.64	53.95
24	53.34	53.17	53.04	52.94	52.69	52.65	52.74	53.14	53.54	53.50	53.71	53.94
25	53.34	53.22	52.98	52.94	52.74	52.50	52.74	53.14	53.56	53.53	53.74	53.94
26	53.33	53.24	53.09	52.94	52.74	52.54	52.79	53.14	53.58	53.54	53.74	53.93
27	53.32	53.11	53.14	52.94	52.81	52.54	52.85	53.14	53.53	53.51	53.74	53.94
28	53.32	53.14	53.09	52.85	52.84	52.59	52.94	53.23	53.51	53.44	53.75	53.94
29	53.35	53.14	52.99	52.84	---	52.68	52.94	53.31	53.44	53.47	53.83	53.94
30	53.08	53.20	53.06	52.84	---	52.72	52.92	53.34	53.44	53.54	53.84	53.94
31	53.16	---	53.14	52.87	---	52.59	---	53.34	---	53.54	53.84	---
MEAN	53.27	53.21	53.09	52.96	52.81	52.61	52.74	53.04	53.44	53.54	53.65	53.92
MAX	53.35	53.32	53.24	53.14	52.94	52.74	52.94	53.34	53.58	53.64	53.84	53.95
MIN	53.08	53.11	52.95	52.84	52.69	52.46	52.55	52.84	53.34	53.44	53.48	53.84



GROUND-WATER LEVELS

BARNWELL COUNTY

331901081242801. Local number, BW-366.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on loggin road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Middendorf.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 688 ft, 4 in from 658 to 715, depth 715 ft, cased to 715 ft, screened interval 700-710 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Top of casing, 2.32 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 50.09 ft below land-surface datum, May 22, 1993; lowest, 51.67 ft below land-surface datum, Sept. 13, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

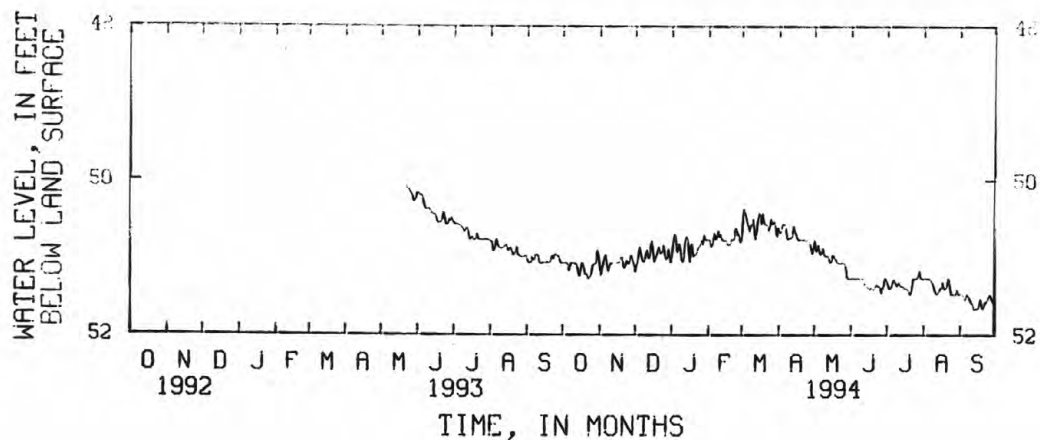
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	50.17	50.56	50.79	51.04
2	---	---	---	---	---	---	---	---	50.19	50.57	50.80	51.07
3	---	---	---	---	---	---	---	---	50.19	50.57	50.91	51.07
4	---	---	---	---	---	---	---	---	50.20	50.57	50.91	51.07
5	---	---	---	---	---	---	---	---	50.26	50.58	50.84	51.00
6	---	---	---	---	---	---	---	---	50.34	50.59	50.77	51.03
7	---	---	---	---	---	---	---	---	50.37	50.61	50.85	51.02
8	---	---	---	---	---	---	---	---	50.37	50.62	50.87	50.97
9	---	---	---	---	---	---	---	---	50.37	50.66	50.88	50.97
10	---	---	---	---	---	---	---	---	50.37	50.67	50.88	50.97
11	---	---	---	---	---	---	---	---	50.38	50.63	50.88	51.06
12	---	---	---	---	---	---	---	---	50.42	50.62	50.87	51.07
13	---	---	---	---	---	---	---	---	50.43	50.71	50.85	51.08
14	---	---	---	---	---	---	---	---	50.45	50.77	50.84	51.07
15	---	---	---	---	---	---	---	---	50.44	50.75	50.87	51.07
16	---	---	---	---	---	---	---	---	50.49	50.74	50.91	51.07
17	---	---	---	---	---	---	---	---	50.54	50.77	50.89	51.07
18	---	---	---	---	---	---	---	---	50.56	50.77	50.88	51.06
19	---	---	---	---	---	---	---	---	50.55	50.77	50.94	51.07
20	---	---	---	---	---	---	---	---	50.55	50.70	50.97	51.07
21	---	---	---	---	---	---	---	---	50.51	50.75	50.96	51.01
22	---	---	---	---	---	---	---	50.09	50.42	50.77	50.93	50.98
23	---	---	---	---	---	---	---	50.11	50.47	50.77	50.87	51.02
24	---	---	---	---	---	---	---	50.12	50.57	50.77	50.97	50.97
25	---	---	---	---	---	---	---	50.16	50.57	50.77	50.97	50.97
26	---	---	---	---	---	---	---	50.17	50.57	50.77	50.99	50.97
27	---	---	---	---	---	---	---	50.21	50.51	50.77	50.99	50.98
28	---	---	---	---	---	---	---	50.27	50.53	50.77	50.99	51.03
29	---	---	---	---	---	---	---	50.27	50.49	50.77	50.99	51.07
30	---	---	---	---	---	---	---	50.24	50.53	50.77	50.98	51.07
31	---	---	---	---	---	---	---	50.17	---	50.78	50.98	---
MEAN	---	---	---	---	---	---	---	50.18	50.43	50.70	50.90	51.03
MAX	---	---	---	---	---	---	---	50.27	50.57	50.78	50.99	51.08
MIN	---	---	---	---	---	---	---	50.09	50.17	50.56	50.77	50.97

GROUND-WATER LEVELS

BARNWELL COUNTY - BW-366--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.07	51.12	51.19	50.96	50.77	50.70	50.66	50.78	51.27	51.33	51.27	51.47
2	51.07	51.24	51.10	50.82	50.78	50.36	50.68	50.91	51.27	51.37	51.27	51.47
3	51.07	51.14	51.07	50.70	50.86	50.40	50.62	50.93	51.27	51.40	51.27	51.48
4	51.07	51.07	50.92	50.69	50.83	50.46	50.57	50.84	51.27	51.39	51.28	51.52
5	51.08	51.00	50.86	50.92	50.74	50.54	50.57	50.93	51.27	51.36	51.27	51.54
6	51.17	50.96	50.97	50.94	50.69	50.59	50.57	50.97	51.27	51.29	51.28	51.49
7	51.11	51.09	51.04	50.82	50.77	50.66	50.64	50.93	51.27	51.28	51.29	51.47
8	51.07	51.18	51.05	50.87	50.73	50.59	50.77	50.88	51.27	51.32	51.32	51.51
9	51.07	51.14	51.07	51.03	50.65	50.57	50.76	50.97	51.27	51.36	51.36	51.54
10	51.07	51.07	50.94	51.07	50.73	50.50	50.73	50.97	51.27	51.34	51.40	51.57
11	51.09	51.08	50.90	51.02	50.70	50.68	50.75	51.00	51.28	51.32	51.45	51.59
12	51.07	51.07	51.00	50.80	50.77	50.77	50.74	50.97	51.34	51.36	51.47	51.66
13	51.13	51.07	51.02	50.73	50.77	50.64	50.59	51.02	---	51.37	51.47	51.67
14	51.20	51.07	50.83	50.74	50.79	50.52	50.66	51.07	51.37	51.37	51.44	51.66
15	51.24	51.07	50.78	50.90	50.77	50.43	50.70	51.06	51.38	51.38	51.39	51.65
16	51.13	51.07	50.94	51.07	50.79	50.44	50.73	50.97	51.41	51.40	51.39	51.66
17	51.07	51.05	51.06	50.84	50.83	50.57	50.77	50.98	51.39	51.40	51.31	51.61
18	51.08	51.07	51.02	50.81	50.84	50.43	50.77	51.01	51.39	51.40	51.39	51.53
19	51.18	51.00	50.97	50.99	50.83	50.54	50.77	51.03	51.41	51.43	51.41	51.62
20	51.22	51.00	50.91	50.97	50.77	50.57	50.77	51.07	51.41	51.47	51.38	51.66
21	51.21	51.13	50.86	50.97	50.77	50.57	50.77	51.07	51.38	51.46	51.33	51.61
22	51.27	51.14	50.95	50.94	50.77	50.58	50.77	51.07	51.35	51.37	51.27	51.57
23	51.27	51.08	50.93	50.88	50.64	50.65	50.78	51.08	51.36	51.27	51.39	51.57
24	51.26	51.04	50.94	50.86	50.61	50.60	50.80	51.07	51.36	51.27	51.47	51.53
25	51.19	51.08	50.84	50.84	50.71	50.50	50.77	51.07	51.39	51.27	51.47	51.50
26	51.10	51.07	50.98	50.78	50.69	50.57	50.78	51.07	51.46	51.27	51.47	51.47
27	51.10	50.98	51.03	50.83	50.79	50.54	50.82	51.13	51.39	51.24	51.47	51.52
28	51.07	50.98	51.00	50.71	50.81	50.54	50.89	51.25	51.35	51.17	51.47	51.56
29	51.08	51.05	50.89	50.77	---	50.63	50.95	51.27	51.27	51.25	51.41	51.57
30	50.91	51.09	50.97	50.77	---	50.73	50.88	51.27	51.27	51.27	51.46	51.66
31	50.99	---	51.07	50.77	---	50.61	---	51.27	---	51.27	51.47	---
MEAN	51.12	51.07	50.97	50.86	50.76	50.56	50.73	51.03	51.33	51.34	51.38	51.56
MAX	51.27	51.24	51.19	51.07	50.86	50.77	50.95	51.27	51.46	51.47	51.47	51.67
MIN	50.91	50.96	50.78	50.69	50.61	50.36	50.57	50.78	51.27	51.17	51.27	51.47



GROUND-WATER LEVELS

BARNWELL COUNTY

331902081242804. Local number, BW-367.

LOCATION.--Lat 33°19'02'', long 81°24'28'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 255 ft, 4 in from 206 to 285, depth 285 ft, cased to 285 ft, screened interval 270-280 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Top of casing, 1.94 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 43.64 ft below land-surface datum, May 21 - 24, 1993; lowest, 47.43 ft below land-surface datum, Sept. 30, 1994.

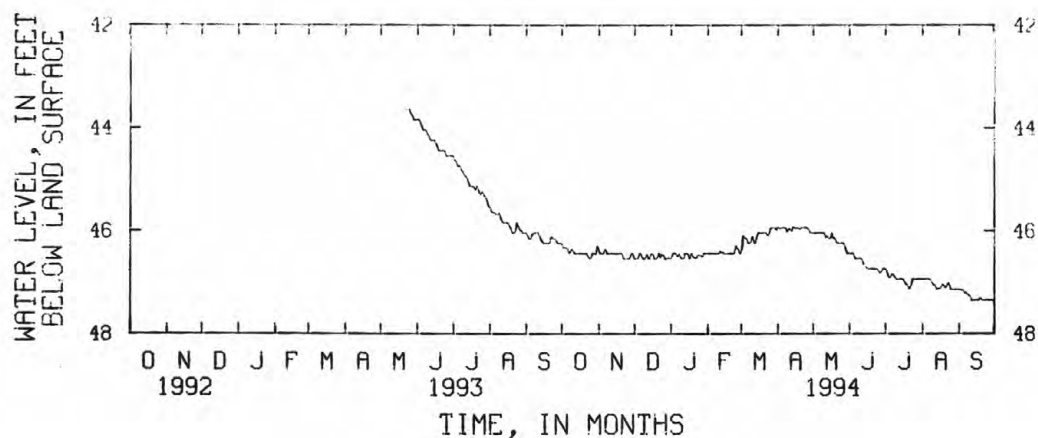
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	43.84	44.62	45.61	46.08
2	---	---	---	---	---	---	---	---	43.90	44.64	45.64	46.14
3	---	---	---	---	---	---	---	---	43.94	44.70	45.64	46.16
4	---	---	---	---	---	---	---	---	44.00	44.74	45.64	46.17
5	---	---	---	---	---	---	---	---	44.04	44.74	45.68	46.08
6	---	---	---	---	---	---	---	---	44.04	44.75	45.68	46.04
7	---	---	---	---	---	---	---	---	44.04	44.82	45.69	46.06
8	---	---	---	---	---	---	---	---	44.11	44.84	45.65	46.04
9	---	---	---	---	---	---	---	---	44.14	44.91	45.74	46.04
10	---	---	---	---	---	---	---	---	44.20	44.94	45.80	46.04
11	---	---	---	---	---	---	---	---	44.24	44.94	45.84	46.10
12	---	---	---	---	---	---	---	---	44.24	45.01	45.84	46.14
13	---	---	---	---	---	---	---	---	44.24	45.05	45.84	46.19
14	---	---	---	---	---	---	---	---	44.24	45.13	45.84	46.22
15	---	---	---	---	---	---	---	---	44.28	45.14	45.84	46.24
16	---	---	---	---	---	---	---	---	44.33	45.14	45.89	46.24
17	---	---	---	---	---	---	---	---	44.40	45.14	45.92	46.24
18	---	---	---	---	---	---	---	---	44.44	45.18	45.95	46.24
19	---	---	---	---	---	---	---	---	44.44	45.21	46.04	46.24
20	---	---	---	---	---	---	---	---	44.44	45.14	46.04	46.24
21	---	---	---	---	---	---	---	43.64	44.44	45.18	46.04	46.13
22	---	---	---	---	---	---	---	43.64	44.44	45.24	45.97	46.13
23	---	---	---	---	---	---	---	43.64	44.45	45.30	45.84	46.14
24	---	---	---	---	---	---	---	43.64	44.54	45.28	45.90	46.14
25	---	---	---	---	---	---	---	43.71	44.54	45.24	45.95	46.19
26	---	---	---	---	---	---	---	43.74	44.54	45.31	45.99	46.22
27	---	---	---	---	---	---	---	43.78	44.54	45.34	45.99	46.24
28	---	---	---	---	---	---	---	43.84	44.54	45.37	46.04	46.24
29	---	---	---	---	---	---	---	43.84	44.54	45.44	46.04	46.24
30	---	---	---	---	---	---	---	43.84	44.55	45.52	46.04	46.25
31	---	---	---	---	---	---	---	43.84	---	45.54	46.04	---
MEAN	---	---	---	---	---	---	---	43.74	44.29	45.08	45.86	46.16
MAX	---	---	---	---	---	---	---	43.84	44.55	45.54	46.04	46.25
MIN	---	---	---	---	---	---	---	43.64	43.84	44.62	45.61	46.04

GROUND-WATER LEVELS
BARNWELL COUNTY - BW-367--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46.32	46.44	46.54	46.51	46.44	46.34	45.94	46.04	46.44	46.77	46.94	47.14
2	46.33	46.44	46.54	46.44	46.44	46.09	45.96	46.04	46.44	46.84	46.94	47.15
3	46.32	46.44	46.54	46.44	46.44	46.12	45.94	46.04	46.44	46.90	46.94	47.14
4	46.34	46.44	46.48	46.44	46.44	46.14	45.94	46.04	46.49	46.92	46.94	47.17
5	46.34	46.39	46.44	46.47	46.44	46.15	45.94	46.04	46.54	46.88	46.94	47.21
6	46.43	46.36	46.46	46.50	46.44	46.24	45.94	46.04	46.54	46.84	46.94	47.20
7	46.42	46.44	46.54	46.45	46.44	46.24	45.94	46.04	46.54	46.87	46.95	47.23
8	46.37	46.44	46.54	46.48	46.44	46.23	46.02	46.04	46.54	46.89	46.99	47.24
9	46.36	46.44	46.54	46.54	46.44	46.19	45.98	46.04	46.54	46.94	47.04	47.25
10	46.41	46.44	46.50	46.54	46.44	46.12	45.96	46.06	46.54	46.94	47.05	47.31
11	46.44	46.44	46.46	46.54	46.39	46.20	45.98	46.13	46.60	46.94	47.07	47.34
12	46.44	46.44	46.54	46.45	46.43	46.24	46.00	46.10	46.65	46.94	47.13	47.34
13	46.44	46.44	46.54	46.44	46.41	46.18	45.93	46.13	---	46.94	47.14	47.34
14	46.44	46.44	46.46	46.44	46.44	46.08	45.94	46.14	46.70	46.94	47.11	47.34
15	46.44	46.44	46.44	46.46	46.44	46.04	45.94	46.14	46.74	46.94	47.12	47.34
16	46.44	46.45	46.46	46.54	46.44	46.04	45.94	46.05	46.74	46.98	47.10	47.34
17	46.44	46.44	46.54	46.47	46.44	46.06	45.94	46.13	46.74	47.04	47.04	47.34
18	46.44	46.44	46.54	46.44	46.44	46.04	45.95	46.14	46.74	47.04	47.06	47.30
19	46.44	46.44	46.54	46.50	46.44	46.04	45.96	46.15	46.74	47.07	47.09	47.33
20	46.44	46.46	46.50	46.52	46.44	46.04	45.94	46.22	46.74	47.13	47.10	47.34
21	46.44	46.54	46.44	46.53	46.44	46.04	45.94	46.24	46.75	47.12	47.06	47.34
22	46.49	46.54	46.51	46.52	46.44	46.06	45.94	46.24	46.74	47.03	47.02	47.34
23	46.52	46.54	46.46	46.48	46.40	46.10	45.94	46.24	46.74	46.94	47.05	47.34
24	46.54	46.54	46.48	46.47	46.30	46.06	45.94	46.24	46.76	46.94	47.13	47.34
25	46.51	46.54	46.46	46.49	46.34	45.95	45.94	46.24	46.81	46.94	47.14	47.34
26	46.44	46.54	46.54	46.48	46.34	45.95	45.96	46.24	46.82	46.94	47.14	47.34
27	46.44	46.48	46.54	46.52	46.43	45.94	46.02	46.30	46.80	46.94	47.14	47.34
28	46.44	46.44	46.54	46.44	46.44	45.94	46.04	46.37	46.74	46.94	47.14	47.34
29	46.47	46.45	46.52	46.44	---	45.94	46.04	46.44	46.74	46.94	47.14	47.34
30	46.30	46.54	46.54	46.44	---	45.99	46.04	46.44	46.74	46.94	47.14	47.43
31	46.35	---	46.54	46.44	---	45.94	---	46.44	---	46.94	47.14	---
MEAN	46.42	46.46	46.51	46.48	46.42	46.09	45.96	46.17	46.66	46.95	47.06	47.30
MAX	46.54	46.54	46.54	46.54	46.44	46.34	46.04	46.44	46.82	47.13	47.14	47.43
MIN	46.30	46.36	46.44	46.44	46.30	45.94	45.93	46.04	46.44	46.77	46.94	47.14



GROUND-WATER LEVELS

BARNWELL COUNTY

331901081242703. Local number, BW-368.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278.

Owner: South Carolina.

AQUIFER.--Black Creek.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 414 ft, 4 in from 385 to 443, depth 443 ft, cased to 443 ft, screened interval 428-438 ft.

INSTRUMENTATION.--Data logger--60 minute punch interval.

DATUM.--Land-surface datum is 265 ft above sea level. Measuring point: Top of casing, 2.17 ft above land-surface datum.

PERIOD OF RECORD.--May 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 53.13 ft below land-surface datum, May 13, 1993; lowest, 55.53 ft below land-surface datum, several days in Sept. 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
MEAN VALUES

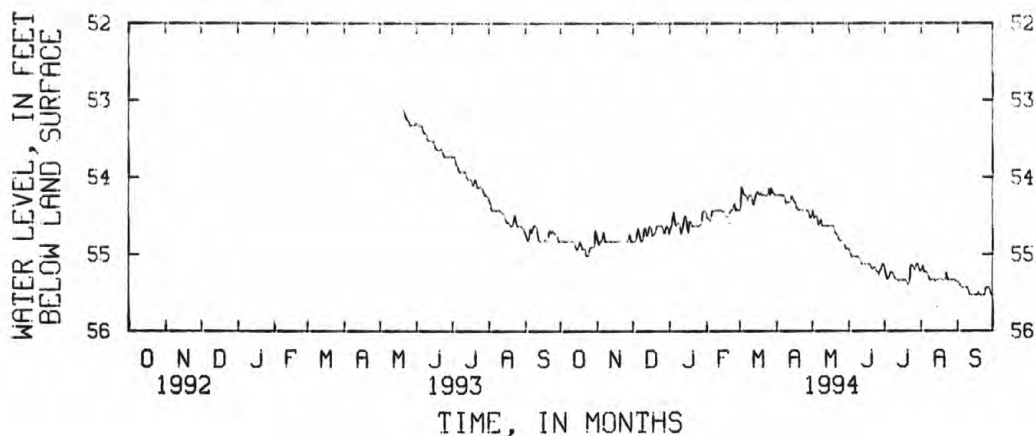
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	53.30	53.73	54.30	54.73
2	---	---	---	---	---	---	---	---	53.33	53.73	54.33	54.78
3	---	---	---	---	---	---	---	---	53.33	53.73	54.42	54.82
4	---	---	---	---	---	---	---	---	53.33	53.82	54.43	54.79
5	---	---	---	---	---	---	---	---	53.33	53.85	54.43	54.67
6	---	---	---	---	---	---	---	---	53.39	53.88	54.43	54.72
7	---	---	---	---	---	---	---	---	53.43	53.93	54.43	54.68
8	---	---	---	---	---	---	---	---	53.43	53.93	54.43	54.63
9	---	---	---	---	---	---	---	---	53.44	53.93	54.43	54.63
10	---	---	---	---	---	---	---	---	53.52	53.93	54.43	54.63
11	---	---	---	---	---	---	---	---	53.53	53.93	54.44	54.72
12	---	---	---	---	---	---	---	---	53.53	53.93	54.47	54.80
13	---	---	---	---	---	---	---	---	53.53	54.00	54.47	54.83
14	---	---	---	---	---	---	---	---	53.53	54.03	54.49	54.83
15	---	---	---	---	---	---	---	---	53.53	54.03	54.53	54.83
16	---	---	---	---	---	---	---	---	53.57	54.03	54.59	54.83
17	---	---	---	---	---	---	---	---	53.63	54.03	54.58	54.83
18	---	---	---	---	---	---	---	---	53.64	54.10	54.60	54.80
19	---	---	---	---	---	---	---	---	53.64	54.10	54.63	54.83
20	---	---	---	---	---	---	---	---	53.66	54.03	54.63	54.83
21	---	---	---	---	---	---	---	53.13	53.64	54.05	54.63	54.70
22	---	---	---	---	---	---	---	53.20	53.63	54.13	54.57	54.68
23	---	---	---	---	---	---	---	53.24	53.67	54.13	54.49	54.73
24	---	---	---	---	---	---	---	53.25	53.73	54.14	54.59	54.69
25	---	---	---	---	---	---	---	53.27	53.73	54.11	54.63	54.72
26	---	---	---	---	---	---	---	53.32	53.73	54.13	54.63	54.73
27	---	---	---	---	---	---	---	53.33	53.73	54.17	54.63	54.73
28	---	---	---	---	---	---	---	53.33	53.73	54.23	54.63	54.78
29	---	---	---	---	---	---	---	53.33	53.73	54.23	54.64	54.83
30	---	---	---	---	---	---	---	53.33	53.73	54.23	54.66	54.83
31	---	---	---	---	---	---	---	53.30	---	54.27	54.69	---
MEAN	---	---	---	---	---	---	---	53.28	53.56	54.02	54.53	54.75
MAX	---	---	---	---	---	---	---	53.33	53.73	54.27	54.69	54.83
MIN	---	---	---	---	---	---	---	53.13	53.30	53.73	54.30	54.63

GROUND-WATER LEVELS

BARNWELL COUNTY - BW-368--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54.83	54.83	54.84	54.67	54.53	54.40	54.23	54.43	54.94	55.21	55.21	55.35
2	54.83	54.88	54.83	54.63	54.53	54.12	54.23	54.51	54.99	55.27	55.15	55.39
3	54.83	54.83	54.83	54.52	54.56	54.17	54.23	54.53	55.03	55.33	55.22	55.40
4	54.83	54.83	54.74	54.45	54.56	54.22	54.23	54.50	55.03	55.31	55.23	55.43
5	54.83	54.77	54.66	54.61	54.44	54.23	54.23	54.54	55.03	55.27	55.23	55.43
6	54.84	54.71	54.73	54.63	54.43	54.24	54.23	54.62	55.03	55.23	55.24	55.43
7	54.83	54.83	54.82	54.59	54.43	54.30	54.24	54.59	55.03	55.23	55.28	55.43
8	54.83	54.83	54.82	54.59	54.43	54.25	54.33	54.55	55.03	55.25	55.33	55.43
9	54.83	54.83	54.83	54.64	54.43	54.23	54.33	54.63	55.05	55.30	55.33	55.44
10	54.83	54.83	54.69	54.73	54.43	54.23	54.32	54.63	55.05	55.31	55.33	55.51
11	54.84	54.83	54.65	54.68	54.43	54.30	54.33	54.63	55.11	55.32	55.33	55.53
12	54.83	54.83	54.75	54.60	54.43	54.36	54.33	54.63	55.13	55.33	55.33	55.53
13	54.89	54.83	54.76	54.50	54.43	54.29	54.24	54.63	---	55.33	55.35	55.53
14	54.94	54.83	54.65	54.50	54.44	54.23	54.27	54.63	55.13	55.33	55.33	55.53
15	54.94	54.83	54.63	54.63	54.44	54.19	54.31	54.63	55.13	55.33	55.33	55.53
16	54.89	54.83	54.66	54.72	54.46	54.19	54.32	54.63	55.13	55.33	55.32	55.53
17	54.83	54.83	54.76	54.58	54.51	54.23	54.39	54.63	55.13	55.33	55.31	55.53
18	54.87	54.83	54.75	54.57	54.51	54.19	54.41	54.63	55.13	55.33	55.33	55.49
19	54.93	54.82	54.73	54.63	54.52	54.23	54.43	54.64	55.15	55.34	55.33	55.53
20	54.93	54.82	54.68	54.63	54.46	54.23	54.41	54.72	55.18	55.39	55.33	55.53
21	54.93	54.83	54.63	54.63	54.43	54.23	54.42	54.73	55.19	55.39	55.32	55.53
22	55.01	54.85	54.63	54.63	54.43	54.23	54.43	54.76	55.16	55.32	55.24	55.53
23	55.02	54.83	54.63	54.63	54.39	54.25	54.43	54.80	55.19	55.14	55.33	55.53
24	55.02	54.83	54.63	54.63	54.34	54.24	54.43	54.82	55.22	55.14	55.33	55.45
25	54.94	54.83	54.63	54.63	54.43	54.14	54.43	54.82	55.23	55.15	55.33	55.43
26	54.91	54.83	54.67	54.62	54.41	54.23	54.43	54.83	55.27	55.20	55.33	55.43
27	54.91	54.79	54.73	54.62	54.43	54.14	54.43	54.83	55.21	55.17	55.33	55.44
28	54.89	54.74	54.69	54.46	54.43	54.19	54.48	54.87	55.18	55.13	55.33	55.49
29	54.91	54.83	54.63	54.44	---	54.21	54.53	54.93	55.13	55.13	55.33	55.53
30	54.68	54.83	54.65	54.43	---	54.23	54.51	54.93	55.13	55.19	55.34	55.53
31	54.75	---	54.73	54.46	---	54.23	---	54.93	---	55.22	55.37	---
MEAN	54.88	54.82	54.71	54.59	54.45	54.23	54.35	54.68	55.12	55.27	55.30	55.48
MAX	55.02	54.88	54.84	54.73	54.56	54.40	54.53	54.93	55.27	55.39	55.37	55.53
MIN	54.68	54.71	54.63	54.43	54.34	54.12	54.23	54.43	54.94	55.13	55.15	55.35



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 sea level. Measuring point: Top of casing, 3.80 ft above land-surface
 datum.

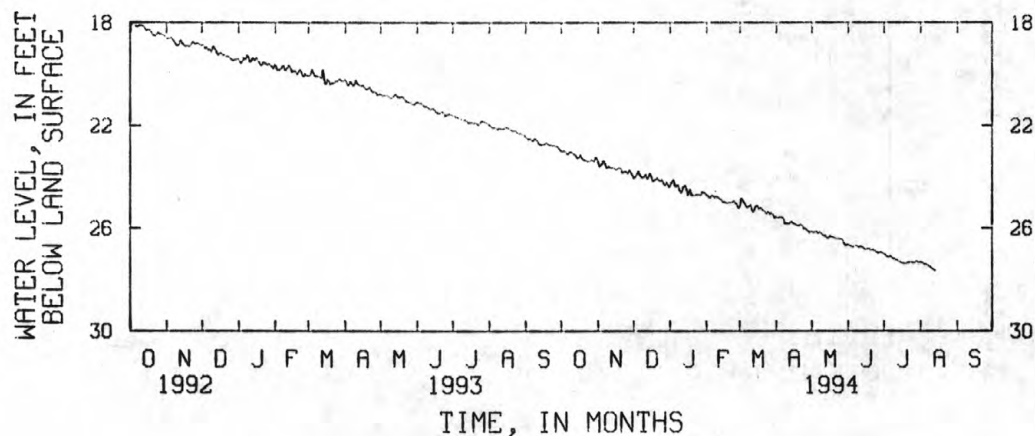
REMARKS.--Flowing well in 1982. Geophysical logs available in District files.

PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sept. 15, 1989; lowest
 27.66 ft below land-surface datum, Aug. 13, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.99	23.43	24.05	24.36	24.72	25.15	25.57	26.14	26.65	27.01	27.33	---
2	23.00	23.58	24.01	24.24	24.74	24.86	25.61	26.16	26.67	27.05	27.34	---
3	22.99	23.56	23.98	24.17	24.81	24.88	25.60	26.18	26.70	27.10	27.38	---
4	22.99	23.51	23.89	24.11	24.82	24.99	25.57	26.14	26.72	27.13	27.42	---
5	23.04	23.41	23.79	24.33	24.75	25.03	25.59	26.16	26.74	27.13	27.40	---
6	23.11	23.36	23.90	24.38	24.73	25.14	25.58	26.19	26.73	27.10	27.42	---
7	23.09	23.52	23.99	24.34	24.80	25.20	25.65	26.19	26.68	27.11	27.47	---
8	23.02	23.64	24.02	24.34	24.81	25.18	25.81	26.16	26.68	27.17	27.49	---
9	23.03	23.63	24.03	24.52	24.75	25.16	25.82	26.22	26.72	27.20	27.53	---
10	23.03	23.60	23.98	24.62	24.82	25.10	25.81	26.24	26.75	27.20	27.57	---
11	23.11	23.63	23.91	24.59	24.81	25.28	25.83	26.31	26.70	27.22	27.59	---
12	23.10	23.64	24.03	24.43	24.86	25.39	25.84	26.29	26.72	27.25	27.63	---
13	23.16	23.65	24.07	24.36	24.87	25.32	25.77	26.33	26.76	27.28	27.66	---
14	23.24	23.67	23.94	24.34	24.97	25.18	25.76	26.40	26.79	27.31	---	---
15	23.27	23.68	23.88	24.50	24.99	25.14	25.83	26.40	26.81	27.33	---	---
16	23.22	23.72	24.00	24.71	24.99	25.13	25.82	26.32	26.83	27.35	---	---
17	23.14	23.70	24.15	24.57	25.02	25.25	25.86	26.32	26.81	27.36	---	---
18	23.23	23.68	24.15	24.49	25.02	25.22	25.89	26.35	26.81	27.37	---	---
19	23.32	23.65	24.12	24.71	25.03	25.24	25.90	26.36	26.83	27.39	---	---
20	23.34	23.66	24.11	24.73	25.02	25.30	25.90	26.38	26.85	27.38	---	---
21	23.34	23.81	24.03	24.74	25.00	25.32	25.89	26.40	26.84	27.34	---	---
22	23.37	23.83	24.14	24.72	25.02	25.36	25.87	26.41	26.85	27.35	---	---
23	23.40	23.82	24.14	24.70	24.97	25.44	25.92	26.42	26.89	27.34	---	---
24	23.40	23.78	24.18	24.71	24.94	25.43	26.02	26.43	26.90	27.34	---	---
25	23.38	23.82	24.12	24.71	25.04	25.37	26.01	26.43	26.95	27.34	---	---
26	23.35	23.88	24.25	24.70	25.03	25.46	26.05	26.43	26.99	27.35	---	---
27	23.36	23.78	24.33	24.74	25.17	25.42	26.09	26.47	26.95	27.34	---	---
28	23.36	23.76	24.32	24.60	25.22	25.43	26.14	26.58	26.95	27.29	---	---
29	23.40	23.86	24.23	24.60	---	25.48	26.18	26.65	26.95	27.31	---	---
30	23.25	23.97	24.31	24.61	---	25.60	26.17	26.67	26.97	27.34	---	---
31	23.28	---	24.40	24.67	---	25.56	---	26.66	---	27.33	---	---
MEAN	23.20	23.67	24.08	24.53	24.92	25.26	25.84	26.35	26.81	27.26	27.48	---
MAX	23.40	23.97	24.40	24.74	25.22	25.60	26.18	26.67	26.99	27.39	27.66	---
MIN	22.99	23.36	23.79	24.11	24.72	24.86	25.57	26.14	26.65	27.01	27.33	---



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 sea level. Measuring point: Top of casing, 2.00 ft above land-surface datum.

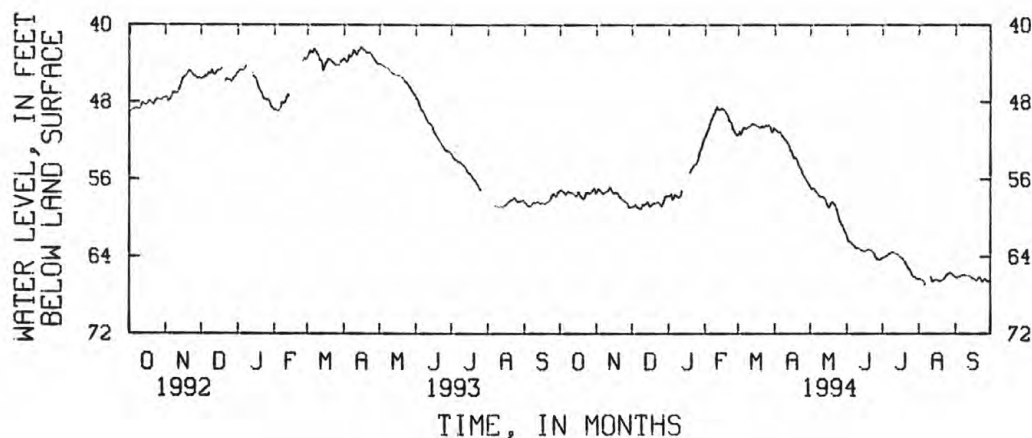
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.81 ft below land-surface datum, June 5, 1991; lowest 66.89 ft below land-surface datum, Aug. 6, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57.14	57.34	58.89	57.70	51.60	51.41	50.84	56.87	62.03	64.15	66.32	66.16
2	57.14	57.08	58.88	57.74	51.28	51.10	50.98	57.08	62.42	64.07	66.30	66.21
3	57.25	57.05	58.80	57.53	51.00	51.35	51.06	56.94	62.47	64.04	66.41	66.12
4	57.34	57.20	58.61	58.07	50.69	51.11	51.20	56.98	62.46	63.94	66.47	66.11
5	57.52	57.31	58.89	57.98	50.25	50.81	51.12	57.24	62.65	63.93	66.50	66.05
6	57.57	57.51	58.97	57.65	49.92	50.65	51.16	57.34	62.78	63.76	66.89	65.95
7	57.36	57.50	59.02	57.61	49.67	50.73	51.49	57.49	62.88	63.67	---	65.93
8	57.26	57.33	59.09	57.76	49.33	50.80	51.63	57.68	63.09	63.68	---	65.92
9	57.36	57.31	59.04	57.88	49.16	50.73	51.82	57.76	63.11	63.56	---	65.87
10	57.41	57.30	58.68	57.87	48.83	50.53	51.92	57.86	63.15	63.53	---	65.96
11	57.37	57.08	58.68	57.70	48.51	50.55	52.14	57.83	63.17	63.60	66.10	65.95
12	57.45	56.82	58.63	57.26	48.73	50.35	52.29	57.88	63.29	63.72	66.55	65.95
13	57.61	56.93	58.49	---	48.76	50.26	52.54	57.98	63.37	63.76	66.58	66.03
14	57.76	57.23	58.34	---	48.77	50.32	52.96	58.26	63.39	63.77	66.45	66.17
15	57.71	57.43	58.64	---	48.68	50.32	53.14	58.59	63.43	63.91	66.45	66.21
16	57.36	57.43	58.87	---	48.71	50.46	53.52	58.92	63.44	64.04	66.37	66.25
17	57.39	57.37	58.77	---	48.81	50.49	53.78	58.91	63.43	64.07	66.42	66.34
18	57.74	57.50	58.61	---	49.06	50.56	53.75	58.60	63.31	64.21	66.54	66.49
19	57.88	57.41	58.60	55.34	49.19	50.72	53.87	58.38	63.24	64.31	66.53	66.44
20	58.03	57.76	58.46	55.06	49.49	50.59	54.18	58.39	63.31	64.55	66.46	66.24
21	58.06	57.88	58.54	54.81	49.89	50.49	54.51	58.56	63.36	64.79	66.49	66.17
22	57.76	58.03	58.43	54.62	50.05	50.62	54.73	58.73	63.40	65.00	66.34	66.26
23	57.44	58.15	58.39	54.50	50.20	50.61	54.93	59.13	63.54	65.17	66.18	66.50
24	57.41	58.27	58.46	54.43	50.76	50.45	55.29	59.60	63.78	65.34	65.98	66.56
25	57.39	58.33	58.63	54.29	50.90	50.49	55.57	60.01	64.07	65.55	65.84	66.41
26	57.46	58.41	58.85	53.95	51.11	50.53	55.80	60.40	64.23	65.88	65.77	66.30
27	57.47	58.47	58.52	53.34	51.32	50.39	55.99	60.70	64.27	66.10	65.68	66.47
28	57.25	58.88	58.19	52.91	51.49	50.66	56.19	60.78	64.32	66.09	65.70	66.59
29	57.13	58.93	57.86	52.72	---	51.04	56.44	61.15	64.32	66.15	65.80	66.57
30	56.95	58.89	57.76	52.20	---	51.10	56.64	61.43	64.25	66.32	65.98	66.61
31	57.42	---	57.76	51.87	---	50.78	---	61.65	---	66.32	66.04	---
MEAN	57.46	57.67	58.59	55.71	49.86	50.68	53.38	58.68	63.33	64.55	66.26	66.23
MAX	58.06	58.93	59.09	58.07	51.60	51.41	56.64	61.65	64.32	66.32	66.89	66.61
MIN	56.95	56.82	57.76	51.87	48.51	50.26	50.84	56.87	62.03	63.53	65.68	65.87



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, 0.6 mi west of Branch Creek, southwest of North Charleston.

Owner: U.S. Department of Agriculture.

AQUIFER.--Santee Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing interval unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 9.4 ft above sea level. Measuring point: Top of casing, 0.65 ft above land-surface datum.

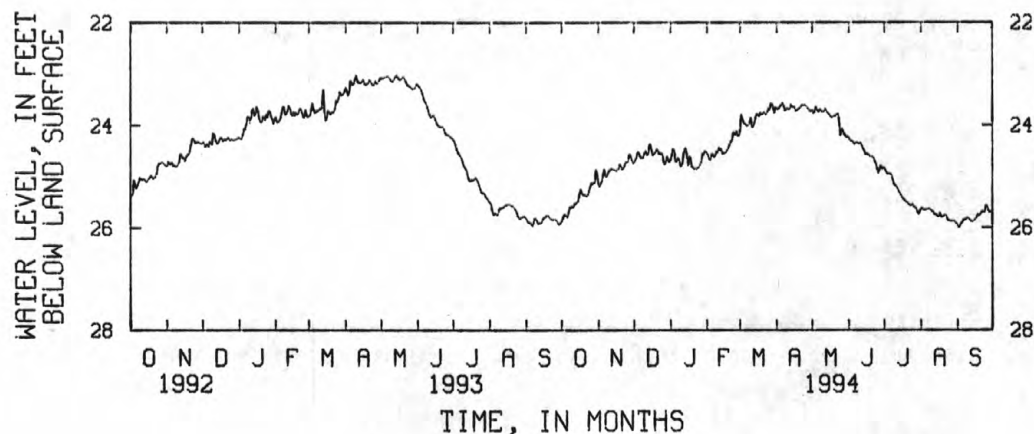
REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 26.65 ft below land-surface datum, Sept. 24, 25, 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.87	25.14	24.74	24.67	24.56	24.11	23.67	23.70	24.25	24.83	25.64	25.96
2	25.80	25.19	24.68	24.58	24.59	23.79	23.69	23.76	24.29	24.88	25.62	26.00
3	25.76	25.14	24.65	24.47	24.66	23.89	23.66	23.73	24.31	24.93	25.64	25.95
4	25.74	25.09	24.55	24.49	24.67	23.94	23.62	23.65	24.31	24.95	25.66	25.92
5	25.77	24.95	24.51	24.70	24.58	23.97	23.61	23.70	24.35	24.95	25.64	25.90
6	25.79	24.87	24.59	24.70	24.56	24.00	23.57	23.73	24.37	24.95	25.65	25.85
7	25.68	24.98	24.64	24.65	24.61	24.02	23.63	23.72	24.34	24.97	25.64	25.84
8	25.60	25.00	24.62	24.66	24.58	24.00	23.71	23.69	24.33	25.05	25.64	25.84
9	25.60	24.94	24.63	24.77	24.51	23.94	23.68	23.73	24.36	25.14	25.64	25.81
10	25.58	24.89	24.54	24.81	24.53	23.86	23.67	23.73	24.36	25.17	25.68	25.82
11	25.59	24.88	24.50	24.75	24.44	24.01	23.69	23.74	24.34	25.19	25.67	25.84
12	25.53	24.85	24.57	24.55	24.48	24.04	23.68	23.69	24.40	25.23	25.73	25.87
13	25.52	24.85	24.55	24.47	24.46	23.95	23.60	23.72	24.46	25.28	25.75	25.87
14	25.51	24.87	24.38	24.45	24.55	23.85	23.64	23.75	24.50	25.32	25.74	25.88
15	25.47	24.87	24.37	24.63	24.54	23.79	23.64	23.78	24.56	25.36	25.78	25.86
16	25.33	24.90	24.51	24.78	24.54	23.78	23.64	23.81	24.56	25.41	25.79	25.85
17	25.25	24.87	24.58	24.61	24.52	23.82	23.71	23.84	24.56	25.44	25.72	25.80
18	25.32	24.85	24.55	24.64	24.49	23.76	23.71	23.85	24.58	25.46	25.78	25.75
19	25.36	24.77	24.54	24.81	24.44	23.79	23.69	23.83	24.60	25.49	25.80	25.77
20	25.35	24.79	24.49	24.82	24.38	23.78	23.67	23.82	24.61	25.50	25.78	25.75
21	25.36	24.86	24.47	24.86	24.32	23.74	23.65	23.81	24.61	25.53	25.76	25.71
22	25.39	24.84	24.55	24.86	24.29	23.77	23.61	23.78	24.64	25.55	25.76	25.68
23	25.36	24.79	24.53	24.85	24.16	23.79	23.61	23.78	24.70	25.57	25.82	25.71
24	25.29	24.72	24.57	24.84	24.14	23.73	23.60	23.99	24.76	25.57	25.86	25.69
25	25.21	24.72	24.55	24.82	24.18	23.67	23.60	24.19	24.85	25.54	25.87	25.57
26	25.13	24.71	24.71	24.77	24.12	23.70	23.63	24.08	24.93	25.59	25.87	25.58
27	25.14	24.57	24.76	24.73	24.20	23.59	23.66	24.11	24.88	25.61	25.87	25.66
28	25.12	24.58	24.73	24.56	24.20	23.59	23.69	24.17	24.80	25.63	25.87	25.70
29	25.11	24.66	24.62	24.57	---	23.69	23.72	24.21	24.85	25.69	25.87	25.69
30	24.87	24.72	24.68	24.51	---	23.76	23.72	24.24	24.84	25.74	25.90	25.69
31	24.97	---	24.72	24.52	---	23.66	---	24.22	---	25.68	25.92	---
MEAN	25.43	24.86	24.58	24.67	24.44	23.83	23.66	23.86	24.54	25.33	25.75	25.79
MAX	25.87	25.19	24.76	24.86	24.67	24.11	23.72	24.24	24.93	25.74	25.92	26.00
MIN	24.87	24.57	24.37	24.45	24.12	23.59	23.57	23.65	24.25	24.83	25.62	25.57



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 sea level. Measuring point: Top of casing, 0.40 ft above land-surface datum.

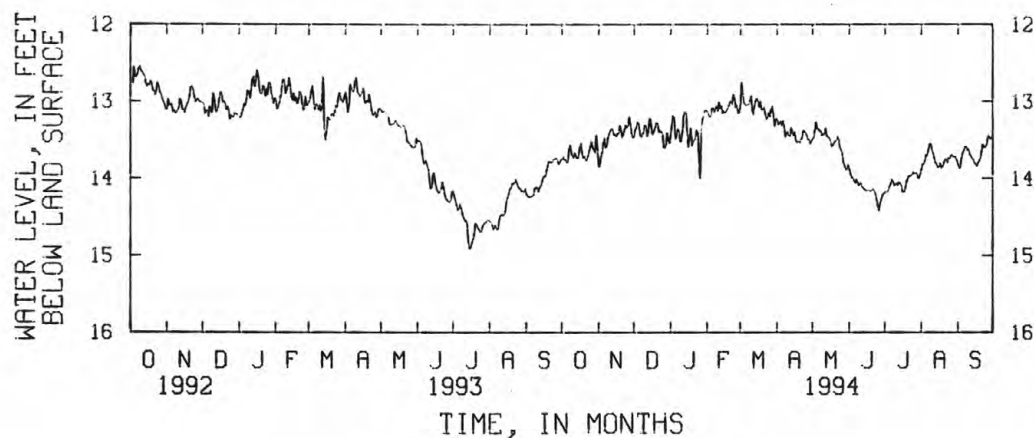
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 18.97 ft below land-surface datum, June 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.75	13.85	13.46	13.44	13.13	13.06	13.23	13.49	13.88	14.18	13.89	13.81
2	13.72	13.85	13.37	13.29	13.16	12.74	13.30	13.47	13.94	14.18	13.82	13.86
3	13.75	13.72	13.34	13.19	13.20	12.89	13.29	13.38	13.99	14.17	13.81	13.87
4	13.75	13.66	13.27	13.22	13.18	13.02	13.26	13.27	13.99	14.17	13.77	13.74
5	13.79	13.53	13.29	13.49	13.09	13.04	13.31	13.36	14.03	14.11	13.70	13.68
6	13.78	13.48	13.42	13.43	13.09	13.06	13.26	13.36	14.06	14.07	13.71	13.64
7	13.62	13.60	13.46	13.36	13.13	13.05	13.32	13.39	14.02	14.02	13.64	13.59
8	13.57	13.58	13.42	13.38	13.09	13.04	13.46	13.38	14.05	14.04	13.56	13.59
9	13.68	13.47	13.41	13.52	13.06	13.00	13.41	13.44	14.09	14.09	13.55	13.63
10	13.71	13.42	13.31	13.51	13.12	12.93	13.40	13.43	14.07	14.08	13.61	13.62
11	13.73	13.38	13.32	13.38	13.01	13.12	13.44	13.43	14.06	14.06	13.67	13.69
12	13.67	13.35	13.45	13.18	13.09	13.17	13.46	13.35	14.11	14.09	13.74	13.71
13	13.72	13.36	13.40	13.14	13.06	13.06	13.34	13.45	14.13	14.05	13.80	13.74
14	13.73	13.43	13.22	13.15	13.15	12.99	13.40	13.46	14.15	14.07	13.81	13.76
15	13.73	13.43	13.23	13.42	13.13	12.96	13.44	13.48	14.16	14.09	13.86	13.81
16	13.59	13.46	13.40	13.59	13.15	12.99	13.40	13.50	14.16	14.17	13.85	13.81
17	13.54	13.42	13.43	13.43	13.13	13.07	13.52	13.58	14.16	14.18	13.81	13.84
18	13.67	13.42	13.37	13.34	13.10	13.00	13.53	13.58	14.16	14.17	13.86	13.80
19	13.73	13.31	13.33	13.58	13.06	13.10	13.53	13.54	14.17	14.10	13.85	13.77
20	13.71	13.38	13.28	13.52	13.01	13.11	13.52	13.52	14.16	14.02	13.80	13.75
21	13.75	13.46	13.28	13.49	13.00	13.08	13.54	13.52	14.14	13.98	13.76	13.65
22	13.77	13.43	13.40	13.49	13.03	13.16	13.48	13.46	14.16	13.97	13.75	13.56
23	13.71	13.36	13.38	13.37	12.91	13.23	13.39	13.50	14.20	13.97	13.79	13.58
24	13.64	13.31	13.41	13.41	12.96	13.21	13.38	13.59	14.28	13.95	13.74	13.60
25	13.58	13.34	13.39	13.79	13.08	13.15	13.41	13.63	14.36	13.92	13.74	13.57
26	13.52	13.32	13.59	14.01	13.05	13.20	13.44	13.68	14.42	13.94	13.71	13.49
27	13.60	13.20	13.61	13.37	13.15	13.11	13.49	13.79	14.33	13.93	13.69	13.45
28	13.62	13.29	13.56	13.22	13.14	13.07	13.49	13.84	14.27	13.93	13.72	13.48
29	13.66	13.41	13.41	13.19	---	13.19	13.55	13.88	14.22	13.98	13.72	13.48
30	13.43	13.47	13.50	13.12	---	13.32	13.52	13.88	14.20	14.01	13.72	13.46
31	13.62	---	13.54	13.11	---	13.23	---	13.83	---	13.95	13.76	---
MEAN	13.67	13.46	13.40	13.39	13.09	13.08	13.42	13.53	14.14	14.05	13.75	13.67
MAX	13.79	13.85	13.61	14.01	13.20	13.32	13.55	13.88	14.42	14.18	13.89	13.87
MIN	13.43	13.20	13.22	13.11	12.91	12.74	13.23	13.27	13.88	13.92	13.55	13.45



GROUND-WATER LEVELS

CHEROKEE COUNTY

350927081270100. Local number, CRK-67.

LOCATION.--Lat 35°09'27'', long 81°27'01'', Hydrologic Unit 03050105, Northeast of Blacksburg, 2400 East Cherokee St., in front of lot.

Owner: Calvin Tessneer.

AQUIFER.--Paleozoic Schist.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 405 ft, cased to 66 ft, open hole from 66 to 405 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 805 ft above sea level. Measuring point: Top of casing, 2.04 ft above land-surface datum.

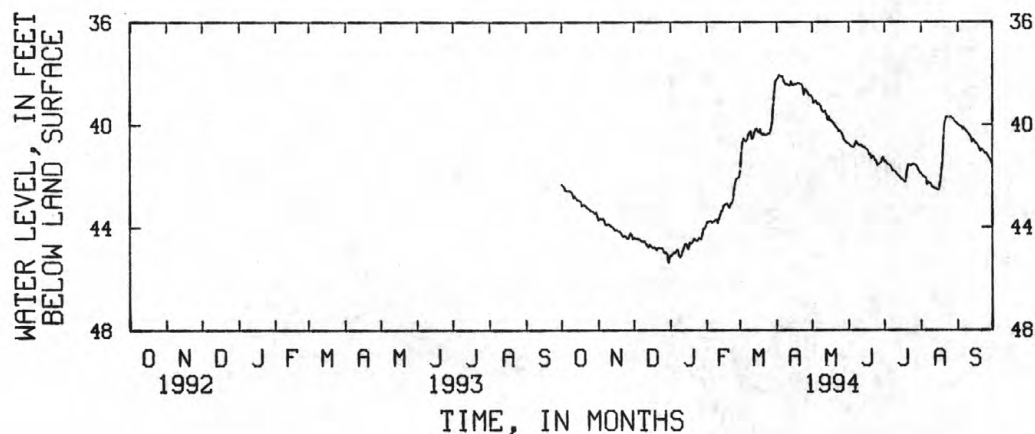
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 38.06 ft below land-surface datum, April 3, 1994; lowest, 45.37 ft below land-surface datum, Dec. 30, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.32	43.71	44.41	45.11	43.80	41.84	38.22	38.95	40.73	41.43	41.89	39.98
2	42.37	43.67	44.42	45.08	43.78	41.08	38.16	39.13	40.80	41.41	41.96	40.03
3	42.44	43.66	44.46	45.02	43.76	40.69	38.06	39.10	40.84	41.50	42.02	40.05
4	42.54	43.68	44.43	44.97	43.73	40.53	38.08	39.05	40.86	41.53	42.05	40.07
5	42.56	43.65	44.48	44.99	43.81	40.60	38.12	39.14	40.89	41.57	42.08	40.17
6	42.57	43.74	44.46	44.90	43.78	40.64	38.10	39.19	40.79	41.59	42.32	40.10
7	42.57	43.88	44.53	44.86	43.77	40.57	38.30	39.18	40.66	41.69	42.25	40.18
8	42.58	43.90	44.54	45.08	43.70	40.39	38.40	39.27	40.71	41.79	42.28	40.25
9	42.61	43.86	44.57	45.16	43.68	40.29	38.40	39.41	40.77	41.79	42.29	40.29
10	42.70	43.88	44.53	45.09	43.81	40.24	38.40	39.49	40.81	41.82	42.40	40.36
11	42.84	43.93	44.64	44.92	43.66	40.53	38.45	39.49	40.77	41.88	42.45	40.42
12	42.79	43.96	44.70	44.81	43.51	40.49	38.47	39.46	40.81	41.95	42.47	40.50
13	42.86	43.99	44.78	44.67	43.36	40.29	38.31	39.60	40.88	41.99	42.49	40.66
14	42.91	44.05	44.68	44.64	43.35	40.19	38.43	39.79	40.87	42.03	42.50	40.58
15	42.94	44.11	44.72	44.76	43.15	40.14	38.45	39.69	40.92	42.12	42.55	40.64
16	42.95	44.10	44.76	44.84	43.11	40.24	38.41	39.83	40.96	42.12	42.55	40.72
17	42.98	44.10	44.80	44.60	43.10	40.29	38.41	39.83	41.00	42.16	42.27	40.74
18	43.16	44.17	44.77	44.62	43.05	40.17	38.40	39.88	41.16	42.22	41.93	40.81
19	43.11	44.15	44.82	44.61	43.16	40.33	38.35	39.95	41.15	42.23	41.47	40.91
20	43.12	44.23	44.88	44.52	43.23	40.38	38.38	40.01	41.30	41.78	40.42	41.03
21	43.16	44.30	44.81	44.43	43.08	40.34	38.40	40.07	41.22	41.58	39.90	40.96
22	43.22	44.36	44.79	44.49	43.04	40.39	38.42	40.12	41.27	41.56	39.70	40.98
23	43.25	44.32	44.82	44.50	42.90	40.39	38.54	40.24	41.36	41.58	39.69	41.04
24	43.28	44.34	44.81	44.50	42.47	40.37	38.82	40.23	41.42	41.58	39.72	41.12
25	43.35	44.42	44.81	44.42	42.24	40.32	38.62	40.24	41.57	41.53	39.70	41.10
26	43.35	44.44	44.95	44.42	42.10	40.36	38.64	40.33	41.56	41.54	39.67	41.18
27	43.36	44.33	44.99	44.47	42.08	40.18	38.73	40.45	41.51	41.57	39.73	41.25
28	43.41	44.23	44.97	44.24	42.03	39.90	38.81	40.58	41.50	41.59	39.76	41.33
29	43.47	44.29	45.03	44.04	---	39.21	38.85	40.65	41.33	41.69	39.83	41.40
30	43.41	44.45	45.37	44.04	---	38.70	38.85	40.69	41.27	41.77	39.89	41.52
31	43.58	---	45.14	43.94	---	38.30	---	40.73	---	41.88	39.92	---
MEAN	42.96	44.06	44.74	44.67	43.22	40.27	38.43	39.80	41.06	41.76	41.30	40.68
MAX	43.58	44.45	45.37	45.16	43.81	41.84	38.85	40.73	41.57	42.23	42.55	41.52
MIN	42.32	43.65	44.41	43.94	42.03	38.30	38.06	38.95	40.66	41.41	39.67	39.98



CHESTER COUNTY

344000081250011. Local number, CTR-21.

LOCATION.--Lat 34°40'27'', long 81°24'55'', Hydrologic Unit 03050106, Northeast of Leeds, Leeds Fire Tower, 85 ft from center of fire tower.

Owner: U.S. Forest Service.

AQUIFER.--Paleozoic Metageneous Rocks.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 93 ft, cased to 40 ft, open hole from 40 to 93 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 665 ft above sea level. Measuring point: Top of casing, 0.63 ft above land-surface datum.

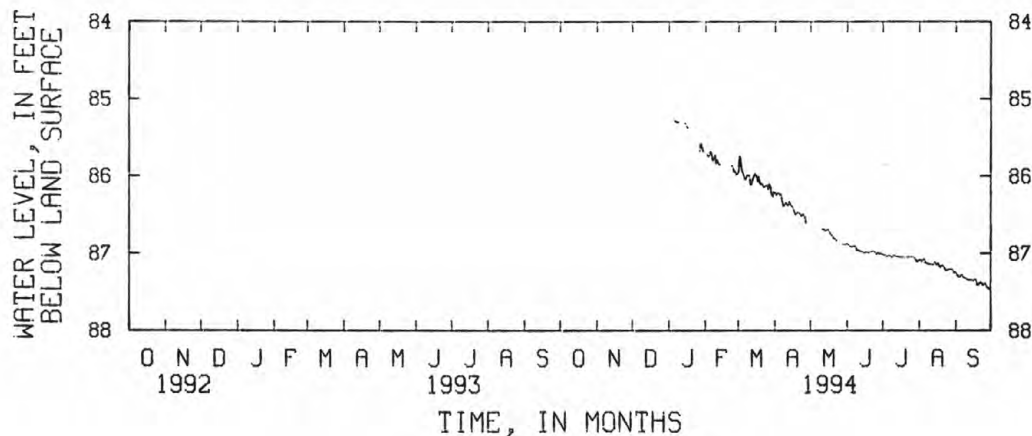
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--January 1994 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 85.24 ft below land-surface datum, Jan. 5, 1994; lowest, 87.48 ft below land-surface datum, Sept. 30, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	85.94	86.22	---	86.88	87.02	87.09	87.25
2	---	---	---	---	85.72	85.74	86.25	---	86.89	87.02	87.09	87.29
3	---	---	---	---	85.74	85.86	86.23	---	86.91	87.03	87.11	87.30
4	---	---	---	---	85.74	85.94	86.22	---	86.91	87.04	87.09	87.31
5	---	---	---	85.24	85.69	85.98	86.25	---	86.92	87.04	87.07	87.30
6	---	---	---	85.29	85.72	86.04	86.23	---	86.91	87.03	87.12	87.28
7	---	---	---	85.30	85.80	86.04	86.33	---	86.90	87.03	87.13	87.31
8	---	---	---	85.30	85.78	86.00	86.39	---	86.92	87.05	87.13	87.32
9	---	---	---	85.31	85.73	85.99	86.38	---	86.96	87.05	87.14	87.32
10	---	---	---	---	85.84	86.00	86.35	---	86.96	87.03	87.14	87.34
11	---	---	---	---	85.80	86.11	86.37	86.69	86.97	87.03	87.14	87.34
12	---	---	---	---	85.85	86.11	86.39	86.68	86.98	87.04	87.15	87.35
13	---	---	---	---	85.85	86.04	86.34	86.70	86.98	87.04	87.15	87.35
14	---	---	---	85.32	---	85.99	86.37	86.71	86.98	87.05	87.12	87.35
15	---	---	---	85.32	---	85.97	86.39	86.70	86.99	87.05	87.14	87.35
16	---	---	---	85.36	---	86.00	86.40	86.70	86.99	87.05	87.15	87.36
17	---	---	---	85.38	---	86.07	86.46	86.73	86.98	87.05	87.13	87.34
18	---	---	---	---	---	86.01	86.50	86.75	86.99	87.05	87.17	87.35
19	---	---	---	---	---	86.09	86.49	86.77	86.99	87.05	87.18	87.41
20	---	---	---	---	---	86.11	86.47	86.80	86.99	87.05	87.16	87.41
21	---	---	---	---	---	86.10	86.48	86.81	86.98	87.05	87.16	87.39
22	---	---	---	---	---	86.14	86.49	86.82	86.98	87.05	87.19	87.38
23	---	---	---	---	85.87	86.14	86.52	86.84	86.98	87.05	87.22	87.40
24	---	---	---	---	85.86	86.13	86.50	---	86.98	87.05	87.23	87.42
25	---	---	---	---	85.94	86.12	86.50	---	87.00	87.05	87.22	87.40
26	---	---	---	---	85.94	86.17	86.53	---	87.01	87.05	87.21	87.40
27	---	---	---	85.68	85.98	86.11	86.60	86.87	86.99	87.05	87.21	87.44
28	---	---	---	85.58	85.97	86.15	---	86.88	87.01	87.06	87.21	87.45
29	---	---	---	85.64	---	86.24	---	86.88	87.00	87.09	87.21	87.46
30	---	---	---	85.68	---	86.27	---	86.89	87.01	87.11	87.25	87.48
31	---	---	---	---	---	86.21	---	86.88	---	87.10	87.25	---
MEAN	---	---	---	85.42	85.82	86.06	86.39	86.78	86.96	87.05	87.16	87.36
MAX	---	---	---	85.68	85.98	86.27	86.60	86.89	87.01	87.11	87.25	87.48
MIN	---	---	---	85.24	85.69	85.74	86.22	86.68	86.88	87.02	87.07	87.25



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 342 ft, cased to 134.4 ft, open hole from 134.4 to 342 ft.

INSTRUMENTATION.--Water stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 84 ft above sea level. Measuring point: Top of platform, 2.10 ft above land-surface datum.

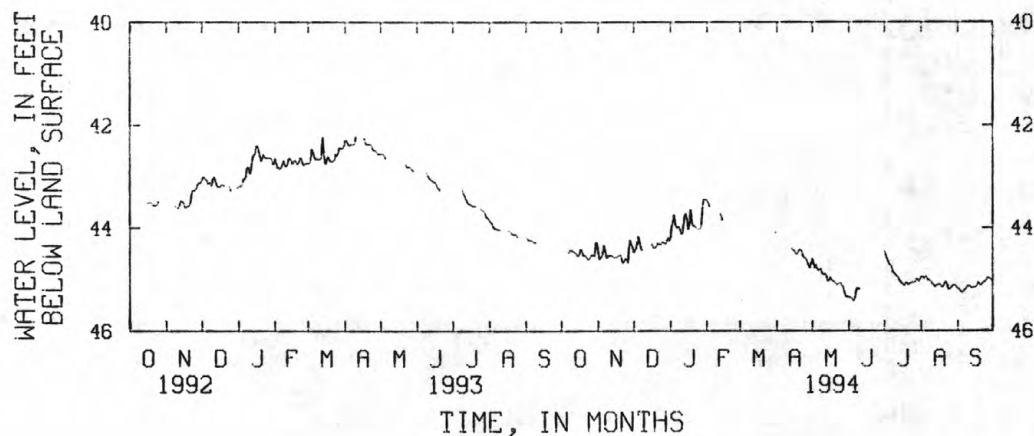
REMARKS.--Original depth, 500 ft; Caliper log, December 1993, depth 343 ft; measured Jan. 17, 1979, depth 356 ft. Caliper, electric, and gamma logs available in District files.

PERIOD OF RECORD.--August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 36.79 below land-surface datum, May 14, 1978; lowest 45.42 ft below land-surface datum, June 5, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	44.48	44.47	44.18	43.46	---	---	44.61	45.35	44.46	44.96	45.18
2	---	44.60	44.44	43.96	43.50	---	---	44.71	45.36	44.52	44.94	45.20
3	---	44.59	44.39	43.87	43.57	---	---	44.78	45.37	44.59	44.97	45.23
4	---	44.56	44.29	43.75	---	---	---	44.72	45.40	44.65	44.98	45.25
5	---	44.46	44.17	43.93	---	---	---	44.79	45.42	44.70	44.94	45.26
6	44.45	44.34	44.29	43.99	---	---	---	44.83	45.36	44.72	44.99	45.22
7	44.49	44.45	44.39	43.99	---	---	---	44.82	45.22	44.76	45.01	45.20
8	44.44	44.58	44.43	43.97	---	---	---	44.79	45.17	44.85	45.02	45.18
9	44.44	44.57	---	44.03	---	---	---	44.87	45.19	44.88	45.04	45.14
10	44.44	44.53	---	44.11	---	---	---	44.90	45.18	44.90	45.08	45.13
11	44.47	44.54	---	44.11	---	---	---	44.91	---	44.93	45.09	45.13
12	44.47	44.53	---	43.94	43.73	---	---	44.89	---	44.95	45.13	45.16
13	44.49	44.54	---	43.76	43.77	---	44.38	44.95	---	45.00	45.15	45.17
14	44.53	44.56	---	43.72	43.84	---	44.42	45.03	---	45.04	45.12	45.16
15	44.55	44.56	---	43.83	---	---	44.44	45.02	---	45.06	45.11	45.15
16	44.50	44.56	44.32	44.02	---	---	44.45	44.97	---	45.08	45.10	45.15
17	44.42	44.56	44.37	43.90	---	---	44.50	45.00	---	45.11	45.10	45.14
18	44.44	44.54	44.38	43.64	---	---	44.50	45.03	---	45.12	45.14	45.07
19	44.52	44.53	44.38	43.91	---	---	44.46	45.04	---	45.07	45.15	45.08
20	44.53	44.52	44.37	43.96	---	---	44.42	45.06	---	45.08	45.12	45.12
21	44.54	44.64	44.31	43.96	---	---	44.43	45.09	---	45.11	45.07	45.10
22	44.56	44.67	44.31	43.98	---	---	44.45	45.11	---	45.09	45.05	45.08
23	44.60	44.65	44.31	44.00	---	---	44.55	45.10	---	45.08	45.13	45.06
24	44.60	44.60	44.32	44.02	---	---	44.58	45.08	---	45.07	45.19	45.04
25	44.58	44.61	44.28	44.02	---	---	44.58	45.07	---	45.05	45.19	45.01
26	44.53	44.67	44.28	44.02	---	---	44.63	45.11	---	45.06	45.17	44.97
27	44.54	44.38	44.30	44.00	---	---	44.69	45.16	---	45.05	45.14	44.98
28	44.52	44.24	44.30	43.62	---	---	44.74	45.25	---	45.00	45.12	44.99
29	44.55	44.32	44.24	43.45	---	---	44.78	45.32	---	45.00	45.12	45.00
30	44.30	44.38	44.19	43.45	---	---	44.69	45.35	---	45.04	45.12	45.02
31	44.28	---	44.24	43.45	---	44.09	---	45.34	---	45.00	45.16	---
MEAN	44.49	44.53	44.32	43.89	43.64	44.09	44.54	44.99	45.30	44.94	45.08	45.12
MAX	44.60	44.67	44.47	44.18	43.84	44.09	44.78	45.35	45.42	45.12	45.19	45.26
MIN	44.28	44.24	44.17	43.45	43.46	44.09	44.38	44.61	45.17	44.46	44.94	44.97



GROUND-WATER LEVELS

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 sea level. Measuring point: Top of casing at land-surface datum.

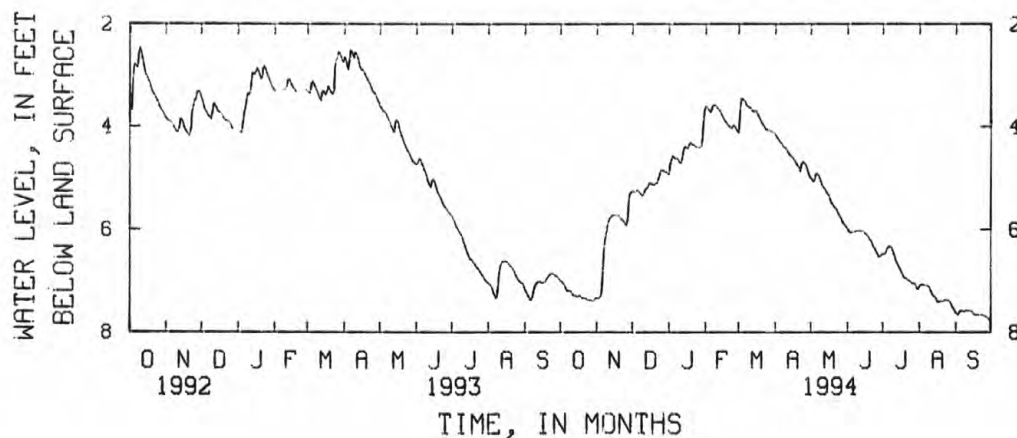
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--July 1987 to September 1994 (discontinued). 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.00	7.34	5.27	4.92	3.61	4.12	4.16	5.01	6.00	6.49	7.12	7.62
2	7.02	7.34	5.26	4.71	3.61	3.68	4.21	5.04	6.04	6.48	7.09	7.65
3	7.04	7.33	5.26	4.64	3.66	3.46	4.23	5.07	6.06	6.47	7.08	7.65
4	7.07	7.30	5.25	4.58	3.69	3.45	4.27	5.04	6.06	6.43	7.08	7.60
5	7.13	7.20	5.22	4.59	3.72	3.47	4.30	4.94	6.05	6.37	7.08	7.59
6	7.18	6.85	5.25	4.61	3.66	3.50	4.33	4.92	6.05	6.34	7.09	7.59
7	7.19	6.38	5.29	4.61	3.59	3.55	4.36	4.93	6.04	6.34	7.10	7.59
8	7.19	6.18	5.31	4.61	3.58	3.59	4.40	4.99	6.03	6.34	7.10	7.60
9	7.19	6.06	5.33	4.66	3.58	3.61	4.41	5.05	6.03	6.39	7.12	7.58
10	7.21	5.93	5.34	4.70	3.61	3.62	4.43	5.12	6.03	6.47	7.17	7.58
11	7.26	5.82	5.27	4.71	3.63	3.63	4.48	5.16	6.03	6.52	7.21	7.58
12	7.27	5.77	5.22	4.63	3.67	3.68	4.52	5.19	6.03	6.61	7.27	7.58
13	7.29	5.74	5.20	4.48	3.69	3.70	4.55	5.23	6.03	6.66	7.30	7.58
14	7.29	5.72	5.18	4.41	3.74	3.70	4.57	5.28	6.03	6.70	7.31	7.59
15	7.31	5.72	5.11	4.39	3.80	3.68	4.60	5.32	6.06	6.75	7.35	7.60
16	7.30	5.72	5.10	4.41	3.84	3.70	4.62	5.34	6.09	6.80	7.40	7.64
17	7.28	5.72	5.11	4.42	3.89	3.77	4.65	5.41	6.10	6.84	7.41	7.66
18	7.29	5.72	5.12	4.35	3.92	3.81	4.70	5.48	6.13	6.90	7.41	7.66
19	7.32	5.72	5.12	4.31	3.95	3.87	4.74	5.51	6.17	6.94	7.40	7.66
20	7.34	5.73	5.13	4.33	3.99	3.92	4.76	5.54	6.20	6.95	7.40	7.66
21	7.34	5.77	5.10	4.35	4.00	3.95	4.80	5.57	6.24	6.96	7.40	7.66
22	7.34	5.81	5.09	4.36	4.02	3.98	4.87	5.60	6.30	6.98	7.38	7.66
23	7.35	5.82	5.01	4.37	4.04	4.03	4.74	5.64	6.34	7.00	7.38	7.66
24	7.37	5.85	4.93	4.39	3.99	4.06	4.69	5.69	6.38	7.01	7.38	7.67
25	7.38	5.89	4.86	4.39	3.98	4.06	4.70	5.73	6.42	7.04	7.38	7.68
26	7.38	5.92	4.85	4.40	4.01	4.06	4.74	5.78	6.47	7.06	7.39	7.69
27	7.38	5.81	4.85	4.41	4.07	4.08	4.77	5.83	6.52	7.06	7.41	7.70
28	7.38	5.44	4.87	4.38	4.11	4.09	4.84	5.87	6.53	7.06	7.46	7.73
29	7.39	5.30	4.87	4.23	---	4.10	4.92	5.90	6.52	7.09	7.51	7.75
30	7.36	5.27	4.88	3.91	---	4.10	4.98	5.93	6.49	7.15	7.55	7.78
31	7.34	---	4.92	3.66	---	4.12	---	5.95	---	7.16	7.59	---
MEAN	7.26	6.07	5.12	4.45	3.81	3.81	4.58	5.39	6.18	6.75	7.30	7.64
MAX	7.39	7.34	5.34	4.92	4.11	4.12	4.98	5.95	6.53	7.16	7.59	7.78
MIN	7.00	5.27	4.85	3.66	3.58	3.45	4.16	4.92	6.00	6.34	7.08	7.58



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 sea level. Measuring point: Top of casing, 0.71 ft above land-surface datum.

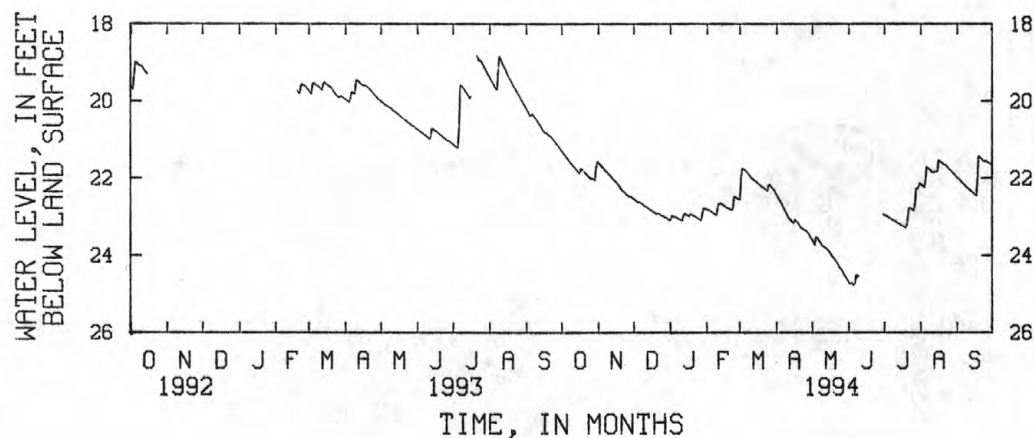
REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.

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, 24.78 ft below land-surface datum, June 5, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.30	21.60	22.54	23.09	22.80	22.55	22.44	23.61	24.72	22.95	22.16	21.99
2	21.34	21.63	22.56	22.99	22.82	21.92	22.50	23.66	24.75	22.97	22.18	22.02
3	21.38	21.67	22.59	22.99	22.84	21.75	22.56	23.72	24.72	22.98	22.21	22.05
4	21.42	21.70	22.62	23.00	22.86	21.76	22.61	23.54	24.75	23.00	22.24	22.08
5	21.46	21.74	22.62	23.00	22.88	21.78	22.67	23.54	24.78	23.02	22.09	22.11
6	21.50	21.77	22.63	23.01	22.90	21.81	22.73	23.58	24.73	23.04	21.72	22.15
7	21.54	21.80	22.65	23.03	22.92	21.84	22.79	23.63	24.53	23.06	21.74	22.18
8	21.59	21.83	22.67	23.05	22.94	21.87	22.85	23.68	24.54	23.08	21.76	22.21
9	21.62	21.87	22.70	23.07	22.96	21.92	22.92	23.73	24.54	23.09	21.79	22.24
10	21.66	21.90	22.72	23.08	22.79	21.97	22.97	23.76	---	23.11	21.82	22.27
11	21.69	21.93	22.74	23.10	22.67	22.00	23.02	23.78	---	23.13	21.85	22.30
12	21.73	21.97	22.75	22.97	22.65	22.03	23.07	23.80	---	23.15	21.85	22.33
13	21.77	22.00	22.78	22.92	22.66	22.05	23.10	23.82	---	23.17	21.82	22.35
14	21.80	22.04	22.80	22.94	22.68	22.08	23.14	23.86	---	23.19	21.84	22.38
15	21.84	22.07	22.83	22.95	22.70	22.11	23.16	23.90	---	23.21	21.82	22.41
16	21.87	22.11	22.84	22.97	22.72	22.13	23.09	23.94	---	23.23	21.54	22.44
17	21.76	22.14	22.86	22.98	22.74	22.16	23.10	23.98	---	23.24	21.55	22.46
18	21.77	22.18	22.89	22.94	22.76	22.19	23.13	24.03	---	23.26	21.58	22.04
19	21.80	22.23	22.91	22.94	22.77	22.21	23.17	24.07	---	23.28	21.60	21.43
20	21.83	22.28	22.93	22.96	22.79	22.24	23.23	24.11	---	23.22	21.63	21.46
21	21.87	22.31	22.91	22.98	22.81	22.26	23.27	24.16	---	22.99	21.66	21.49
22	21.90	22.34	22.92	22.99	22.82	22.29	23.30	24.21	---	22.77	21.66	21.52
23	21.93	22.37	22.94	23.01	22.78	22.31	23.32	24.26	---	22.78	21.69	21.55
24	21.97	22.40	22.96	23.04	22.49	22.34	23.34	24.31	---	22.80	21.73	21.57
25	22.00	22.43	22.98	23.06	22.48	22.19	23.35	24.35	---	22.81	21.76	21.55
26	22.01	22.46	22.99	23.07	22.50	22.17	23.37	24.39	---	22.84	21.79	21.58
27	22.01	22.48	23.01	23.09	22.52	22.21	23.41	24.45	---	22.68	21.82	21.59
28	22.03	22.48	23.02	22.90	22.54	22.25	23.45	24.51	---	22.28	21.86	21.61
29	22.06	22.49	23.04	22.79	---	22.29	23.51	24.56	---	22.28	21.89	21.64
30	21.72	22.52	23.07	22.79	---	22.33	23.56	24.61	22.94	22.24	21.92	21.66
31	21.57	---	23.08	22.79	---	22.39	---	24.66	---	22.14	21.96	---
MEAN	21.73	22.09	22.82	22.98	22.74	22.11	23.07	24.01	24.50	22.94	21.82	21.96
MAX	22.06	22.52	23.08	23.10	22.96	22.55	23.56	24.66	24.78	23.28	22.24	22.46
MIN	21.30	21.60	22.54	22.79	22.48	21.75	22.44	23.54	22.94	22.14	21.54	21.43



FLORENCE COUNTY

341200079444100. Local number, FLO-99.

LOCATION.--Lat 34°12'00'', long 79°44'41'', Hydrologic Unit 03040201, located near the railroad tracks off East Day Street at the old ice plant site, in Florence.

Owner: R. L. Sheppard, Sr.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation, diameter 8 in, depth 216 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 145 ft above sea level. Measuring point: Top of casing, 0.72 ft above land-surface datum.

REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft.

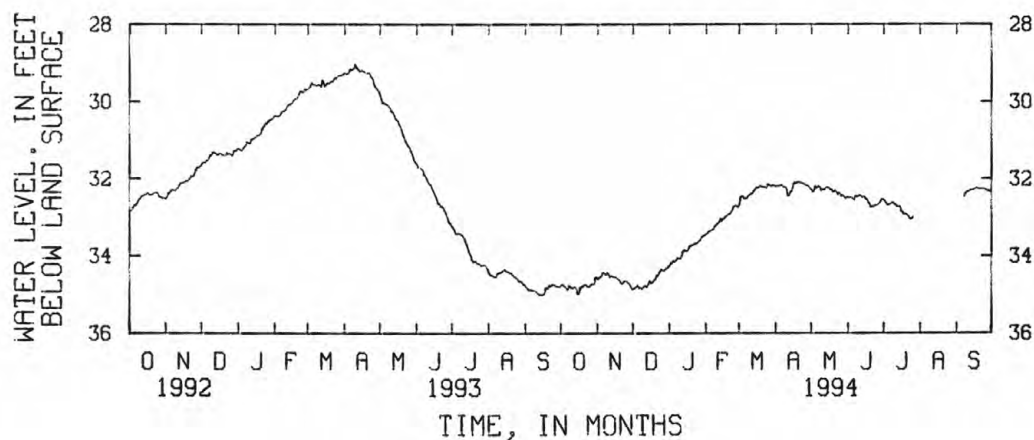
Obstruction between 30 to 40 ft. Water-quality data available in District files.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 27.26 ft below land-surface datum, May 4, 1983; lowest, 35.02 ft below land-surface datum, Sept. 13, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.76	34.60	34.87	34.25	33.43	32.67	32.19	32.29	32.49	32.55	---	---
2	34.73	34.58	34.84	34.18	33.40	32.49	32.20	32.35	32.49	32.59	---	---
3	34.76	34.55	34.84	34.20	33.36	32.44	32.17	32.32	32.49	32.63	---	---
4	34.78	34.52	34.79	34.13	33.36	32.46	32.20	32.21	32.49	32.68	---	---
5	34.82	34.45	34.77	34.15	33.33	32.51	32.17	32.25	32.51	32.68	---	---
6	34.87	34.43	34.84	34.13	33.32	32.49	32.16	32.22	32.56	32.67	---	---
7	34.86	34.46	34.83	34.08	33.32	32.52	32.21	32.20	32.47	32.66	---	32.47
8	34.77	34.49	34.85	34.05	33.23	32.47	32.22	32.22	32.45	32.63	---	32.40
9	34.82	34.43	34.85	34.07	33.22	32.44	32.21	32.30	32.47	32.62	---	32.36
10	34.81	34.46	34.81	34.07	33.18	32.40	32.27	32.28	32.45	32.68	---	32.34
11	34.84	34.54	34.78	34.01	33.15	32.39	32.44	32.29	32.43	32.67	---	32.33
12	34.81	34.53	34.79	33.91	33.11	32.39	32.43	32.28	32.46	32.71	---	32.31
13	34.81	34.53	34.81	33.86	33.04	32.33	32.36	32.24	32.49	32.72	---	32.30
14	34.83	34.53	34.72	33.85	33.09	32.30	32.33	32.23	32.46	32.73	---	32.29
15	34.98	34.55	34.65	33.88	33.04	32.26	32.25	32.23	32.49	32.73	---	32.28
16	34.97	34.55	34.70	33.87	33.04	32.23	32.13	32.25	32.53	32.85	---	32.27
17	34.82	34.56	34.69	33.81	32.99	32.24	32.10	32.29	32.55	32.87	---	32.25
18	34.83	34.59	34.67	33.74	32.98	32.20	32.11	32.28	32.63	32.93	---	32.24
19	34.78	34.61	34.61	33.74	32.94	32.19	32.10	32.35	32.65	32.92	---	32.26
20	34.78	34.66	34.61	33.72	32.92	32.20	32.08	32.33	32.74	32.93	---	32.26
21	34.75	34.72	34.51	33.71	32.91	32.21	32.09	32.31	32.73	32.95	---	32.26
22	34.75	34.72	34.52	33.66	32.86	32.21	32.11	32.35	32.73	32.97	---	32.26
23	34.79	34.68	34.44	33.69	32.81	32.22	32.11	32.41	32.73	33.03	---	32.26
24	34.79	34.65	34.40	33.67	32.72	32.24	32.11	32.37	32.70	33.06	---	32.26
25	34.81	34.65	34.35	33.64	32.71	32.15	32.14	32.39	32.69	33.04	---	32.28
26	34.75	34.66	34.37	33.61	32.69	32.16	32.17	32.46	32.69	33.01	---	32.30
27	34.73	34.71	34.38	33.59	32.72	32.16	32.18	32.43	32.66	---	---	32.31
28	34.72	34.73	34.36	33.51	32.74	32.20	32.19	32.45	32.61	---	---	32.32
29	34.73	34.79	34.31	33.49	---	32.17	32.21	32.49	32.55	---	---	32.33
30	34.57	34.86	34.34	33.47	---	32.17	32.26	32.51	32.54	---	---	32.35
31	34.55	---	34.27	33.46	---	32.20	---	32.48	---	---	---	---
MEAN	34.79	34.59	34.63	33.85	33.06	32.31	32.20	32.32	32.56	32.79	---	32.30
MAX	34.98	34.86	34.87	34.25	33.43	32.67	32.44	32.51	32.74	33.06	---	32.47
MIN	34.55	34.43	34.27	33.46	32.69	32.15	32.08	32.20	32.43	32.55	---	32.24



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 sea level. Measuring point: Top of casing, 2.60 ft above land-surface datum.

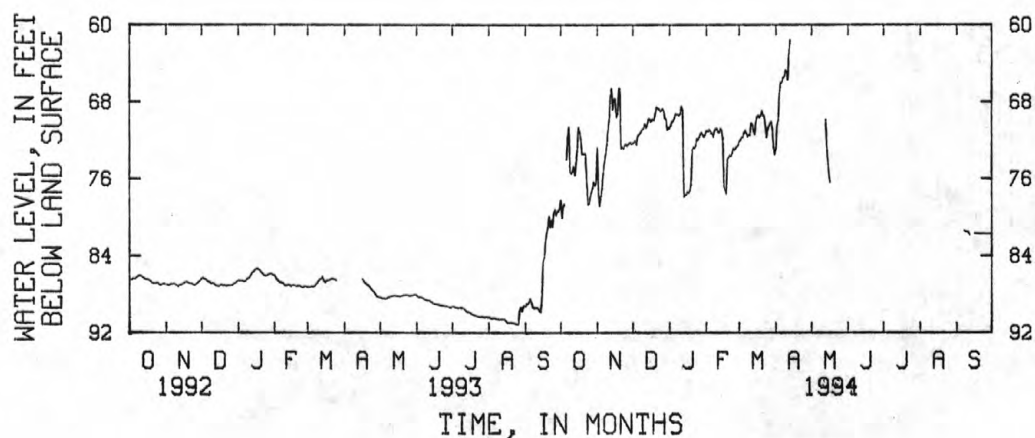
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 91.12 ft below land-surface datum, Aug. 25, 26, 1993

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.23	72.77	72.32	70.76	71.05	72.15	72.82	---	---	---	---	---
2	80.05	77.04	72.22	70.46	71.04	71.94	70.34	---	---	---	---	---
3	78.84	78.87	72.04	70.11	71.05	71.73	69.97	---	---	---	---	---
4	78.67	77.86	72.42	70.00	70.92	71.69	67.22	---	---	---	---	---
5	---	77.03	71.63	69.71	71.25	71.24	66.04	---	---	---	---	---
6	73.93	75.43	71.44	69.30	71.33	71.02	65.94	---	---	---	---	---
7	71.53	74.30	71.28	69.32	71.62	71.28	65.49	---	---	82.07	---	81.37
8	70.65	73.43	71.09	69.33	71.01	71.59	65.37	---	---	---	---	81.44
9	75.33	72.47	70.88	69.39	70.80	71.44	64.73	---	---	---	---	81.48
10	75.52	71.06	70.77	69.25	70.79	71.49	64.93	---	---	---	---	81.52
11	75.25	69.96	70.33	68.50	71.14	70.23	65.71	---	---	---	---	81.58
12	74.76	67.34	70.65	68.86	71.16	70.36	62.60	---	---	---	---	81.81
13	75.61	66.58	70.44	77.90	70.82	71.07	61.60	69.90	---	---	---	---
14	74.38	68.84	69.85	77.68	71.00	71.37	---	72.60	---	---	---	---
15	73.11	67.73	69.77	77.70	71.80	70.10	---	74.45	---	---	---	---
16	70.67	67.70	70.04	77.39	76.79	69.60	---	75.85	---	---	---	81.68
17	71.14	69.62	69.89	77.47	77.22	69.44	---	76.35	---	---	---	81.69
18	71.91	69.29	69.81	77.23	77.52	69.59	---	---	---	---	---	81.69
19	73.46	66.54	69.89	76.63	73.94	69.41	---	---	---	---	---	81.70
20	73.42	66.57	69.18	73.03	73.75	68.98	---	---	---	---	---	81.70
21	73.47	72.87	68.59	72.72	73.55	69.38	---	---	---	---	---	81.70
22	73.40	72.68	68.69	72.83	73.63	69.52	---	---	---	---	---	81.71
23	76.02	72.90	68.73	72.54	73.33	70.33	---	---	---	---	---	81.71
24	78.69	72.54	68.96	71.86	72.90	71.68	---	---	---	---	---	81.71
25	78.57	72.40	68.92	71.93	72.99	70.79	---	---	---	---	---	81.72
26	77.91	72.59	68.72	71.69	72.80	70.57	---	---	---	---	---	81.72
27	77.45	72.44	68.95	71.37	72.63	70.30	---	---	---	---	---	81.73
28	76.99	72.28	69.71	71.21	72.50	70.11	---	---	---	---	---	81.73
29	76.34	72.26	69.82	71.48	---	70.86	---	---	---	---	---	81.73
30	76.66	72.38	70.94	71.63	---	72.80	---	---	---	---	---	81.74
31	76.44	---	70.71	71.46	---	73.47	---	---	---	---	---	---
MEAN	75.28	71.86	70.28	72.28	72.51	70.82	66.37	73.83	---	82.07	---	81.66
MAX	80.05	78.87	72.42	77.90	77.52	73.47	72.82	76.35	---	82.07	---	81.81
MIN	70.65	66.54	68.59	68.50	70.79	68.98	61.60	69.90	---	82.07	---	81.37



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 sea level. Measuring point: Top of casing, 2.10 ft above land-surface datum.

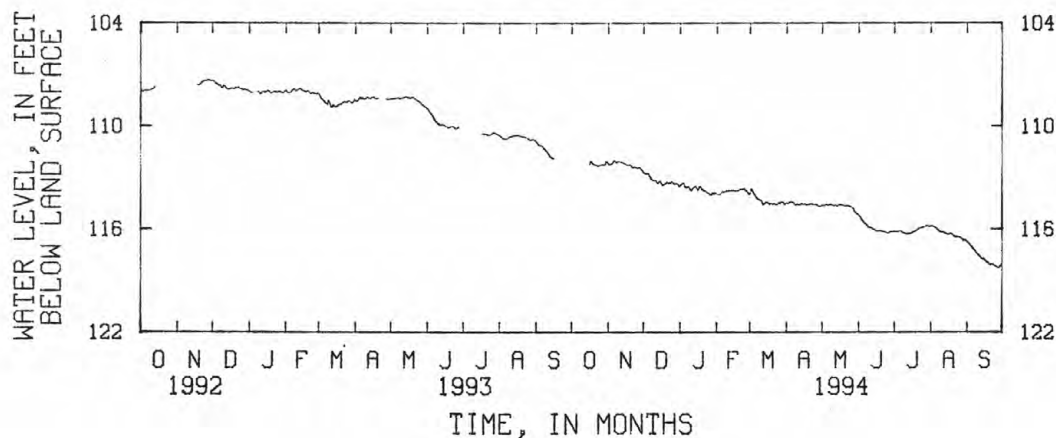
REMARKS.--Driller's log and geophysical logs available in District files.

PERIOD OF RECORD.--June 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 118.25 ft below land-surface datum, Sept. 27, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	112.20	112.71	113.47	113.96	113.94	114.50	114.62	115.23	116.15	115.84	116.74
2	---	112.25	112.75	113.37	113.98	113.70	114.53	114.65	115.31	116.15	115.83	116.83
3	---	112.21	112.79	113.35	114.00	113.79	114.47	114.65	115.43	116.15	115.86	116.89
4	---	112.17	112.78	113.34	113.97	113.92	114.43	114.57	115.52	116.15	115.88	116.97
5	---	112.05	112.77	113.52	113.87	114.02	114.44	114.61	115.62	116.14	115.92	117.05
6	---	111.99	112.91	113.58	113.83	114.16	114.44	114.63	115.69	116.11	115.98	117.13
7	---	112.08	113.04	113.55	113.86	114.24	114.49	114.60	115.74	116.13	116.04	117.21
8	---	112.12	113.11	113.54	113.83	114.28	114.60	114.57	115.80	116.20	116.11	117.30
9	---	112.07	113.18	113.66	113.77	114.32	114.60	114.61	115.90	116.24	116.17	117.40
10	---	112.05	113.17	113.74	113.81	114.32	114.57	114.63	115.91	116.26	116.19	117.48
11	---	112.08	113.16	113.72	113.76	114.46	114.59	114.65	115.91	116.28	116.16	117.54
12	---	112.09	113.28	113.60	113.77	114.58	114.60	114.61	115.96	116.28	116.21	117.61
13	---	112.11	113.33	113.53	113.73	114.54	114.53	114.65	116.00	116.28	116.23	117.70
14	---	112.14	113.26	113.51	113.77	114.46	114.55	114.66	116.04	116.27	116.26	117.75
15	---	112.18	113.22	113.62	113.75	114.45	114.57	114.62	116.10	116.25	116.31	117.73
16	112.22	112.24	113.33	113.73	113.76	114.47	114.54	114.59	116.12	116.23	116.31	117.81
17	112.06	112.26	113.44	113.56	113.78	114.57	114.57	114.60	116.12	116.17	116.29	117.90
18	112.13	112.27	113.41	113.54	113.77	114.51	114.59	114.63	116.11	116.17	116.26	117.93
19	112.20	112.26	113.37	113.69	113.75	114.54	114.59	114.64	116.11	116.13	116.28	117.99
20	112.23	112.28	113.33	113.72	113.71	114.56	114.57	114.65	116.12	116.06	116.37	118.06
21	112.25	112.38	113.26	113.76	113.68	114.54	114.57	114.66	116.14	116.02	116.43	118.09
22	112.29	112.40	113.33	113.78	113.70	114.55	114.55	114.65	116.16	115.98	116.44	118.04
23	112.32	112.39	113.30	113.82	113.67	114.60	114.57	114.66	116.19	115.97	116.44	118.08
24	112.31	112.37	113.31	113.88	113.64	114.57	114.58	114.68	116.21	115.92	116.45	118.13
25	112.28	112.42	113.23	113.93	113.75	114.47	114.57	114.70	116.22	115.90	116.46	118.17
26	112.24	112.46	113.32	113.98	113.77	114.52	114.59	114.74	116.22	115.90	116.48	118.21
27	112.26	112.40	113.36	114.04	113.90	114.45	114.64	114.83	116.18	115.86	116.55	118.25
28	112.25	112.40	113.36	113.93	113.96	114.44	114.68	114.96	116.16	115.83	116.61	118.24
29	112.26	112.50	113.32	113.94	---	114.48	114.70	115.06	116.15	115.81	116.67	118.18
30	112.07	112.61	113.40	113.92	---	114.58	114.67	115.13	116.15	115.83	116.64	118.06
31	112.10	---	113.49	113.95	---	114.51	---	115.15	---	115.86	116.65	---
MEAN	112.22	112.25	113.19	113.69	113.80	114.37	114.56	114.70	115.95	116.09	116.27	117.68
MAX	112.32	112.61	113.49	114.04	114.00	114.60	114.70	115.15	116.22	116.28	116.67	118.25
MIN	112.06	111.99	112.71	113.34	113.64	113.70	114.43	114.57	115.23	115.81	115.83	116.74



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 sea level. Measuring point: Top of casing, 1.73 ft above land-surface datum.

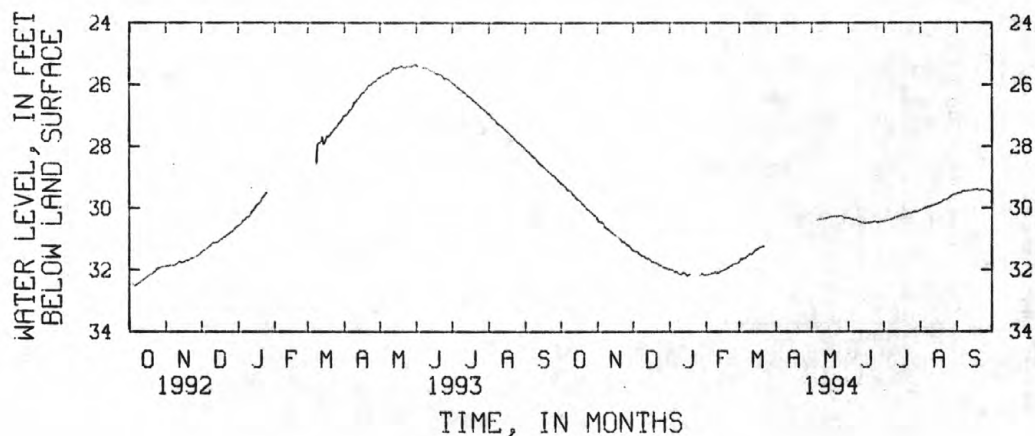
REMARKS.--Geophysical logs available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 23.81 ft below land-surface datum, June 28, 1973; lowest, 35.62 ft below land-surface datum, Feb. 22 - 24, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.21	30.41	31.38	31.98	32.17	31.73	---	---	30.32	30.44	30.06	29.52
2	29.23	30.45	31.39	31.99	32.16	31.65	---	---	30.33	30.42	30.04	29.52
3	29.26	30.45	31.41	31.99	32.16	31.66	---	---	30.35	30.42	30.04	29.51
4	29.30	30.48	31.39	32.02	32.15	31.63	---	30.41	30.36	30.41	30.01	29.50
5	29.35	30.47	31.44	32.08	32.11	31.63	---	30.41	30.37	30.39	29.98	29.48
6	29.41	30.53	31.48	32.07	32.11	31.61	---	30.39	30.38	30.37	29.99	29.45
7	29.42	30.62	31.52	32.06	32.12	31.58	---	30.36	30.38	30.36	29.97	29.45
8	29.43	30.66	31.54	32.11	32.10	31.55	---	30.36	30.40	30.35	29.96	29.45
9	29.46	30.68	31.57	32.15	32.07	31.51	---	30.36	30.43	30.34	29.95	29.44
10	29.52	30.70	31.56	32.16	32.12	31.48	---	30.35	30.44	30.31	29.93	29.44
11	29.57	30.74	31.60	32.14	32.08	31.50	---	30.35	30.45	30.30	29.92	29.43
12	29.59	30.77	31.63	32.10	32.09	31.48	---	30.32	30.47	30.29	29.91	29.44
13	29.65	30.80	31.65	32.09	32.05	31.42	---	30.33	30.47	30.27	29.89	29.43
14	29.69	30.82	31.63	32.11	32.05	31.38	---	30.32	30.48	30.26	29.87	29.42
15	29.73	30.86	31.67	32.16	32.02	31.34	---	30.30	30.50	30.24	29.86	29.41
16	29.74	30.89	31.72	32.19	32.01	31.33	---	30.29	30.49	30.23	29.84	29.41
17	29.77	30.91	31.75	32.17	31.99	31.31	---	30.29	30.48	30.21	29.83	29.39
18	29.83	30.95	31.75	32.15	31.97	31.27	---	30.28	30.48	30.21	29.82	29.39
19	29.87	30.96	31.77	---	31.94	31.27	---	30.28	30.48	30.21	29.79	29.42
20	29.91	31.01	31.77	---	31.92	31.26	---	30.28	30.47	30.20	29.76	29.43
21	29.95	31.07	31.79	---	31.89	31.23	---	30.28	30.46	30.18	29.73	29.42
22	30.01	31.09	31.82	---	31.87	31.24	---	30.27	30.45	30.17	29.72	29.40
23	30.04	31.10	31.85	---	31.83	---	---	30.27	30.44	30.17	29.72	29.41
24	30.06	31.12	31.86	---	31.83	---	---	30.26	30.43	30.16	29.70	29.42
25	30.09	31.18	31.86	---	31.81	---	---	30.25	30.46	30.14	29.67	29.41
26	30.13	31.20	31.91	32.18	31.80	---	---	30.25	30.47	30.13	29.64	29.41
27	30.16	31.20	31.93	32.19	31.80	---	---	30.28	30.45	30.11	29.61	29.43
28	30.20	31.25	31.93	32.13	31.77	---	---	30.31	30.46	30.11	29.59	29.45
29	30.24	31.30	31.93	32.15	---	---	---	30.32	30.44	30.11	29.56	29.47
30	30.24	31.35	31.97	32.16	---	---	---	30.33	30.44	30.10	29.56	29.49
31	30.33	---	31.99	32.17	---	---	---	30.32	---	30.08	29.54	---
MEAN	29.75	30.87	31.69	32.11	32.00	31.46	---	30.31	30.43	30.25	29.82	29.44
MAX	30.33	31.35	31.99	32.19	32.17	31.73	---	30.41	30.50	30.44	30.06	29.52
MIN	29.21	30.41	31.38	31.98	31.77	31.23	---	30.25	30.32	30.08	29.54	29.39



GREENVILLE COUNTY

350622082373608. Local number, GRV-712.

LOCATION.--Lat 35°06'22'', long 82°37'36'', Hydrologic Unit 03050109, at Caesars Head State Park, near weather station.

Owner: South Carolina Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Granite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 450 ft, cased to 28 ft, open hole from 28 to 450 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 3150 ft above sea level. Measuring point: Top of casing, 0.46 ft above land-surface datum.

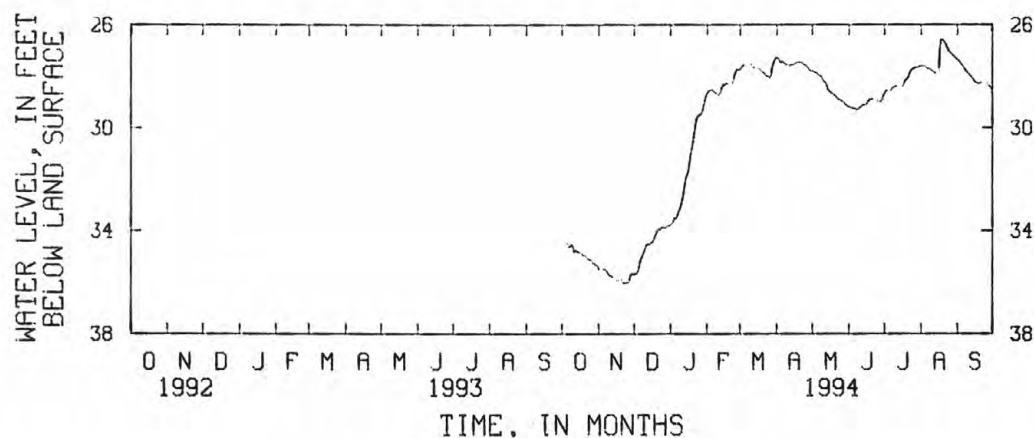
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 26.58 ft below land-surface datum, Aug. 18 - 19, 1994; lowest, 36.05 ft below land-surface datum, Nov. 23, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	35.48	35.70	33.77	28.65	27.71	27.28	27.79	29.17	28.66	27.58	27.35
2	---	---	35.68	33.70	28.57	27.62	27.29	27.81	29.19	28.58	27.58	27.39
3	---	---	35.65	33.63	28.54	27.58	27.35	27.85	29.21	28.55	27.58	27.45
4	---	---	35.59	33.52	28.52	27.55	27.44	27.85	29.22	---	27.59	27.52
5	34.49	35.49	35.42	33.54	28.50	---	27.44	27.88	29.24	---	27.60	27.57
6	34.51	35.48	35.19	33.48	28.56	---	27.42	27.95	29.26	28.54	27.67	27.60
7	34.63	35.53	35.05	33.37	28.61	---	27.46	27.97	29.29	28.48	27.69	27.72
8	34.59	35.58	34.96	33.23	28.64	---	27.52	27.99	29.29	28.44	27.71	27.79
9	34.54	35.68	34.84	33.11	28.63	---	27.53	28.06	29.26	28.41	27.73	27.83
10	34.62	35.73	34.72	32.97	28.71	27.51	27.53	28.14	29.22	28.38	27.77	27.89
11	34.82	35.75	34.58	32.76	28.71	27.59	27.55	28.21	29.17	28.38	27.80	27.94
12	34.79	35.78	34.54	32.50	28.64	27.64	27.58	28.24	29.14	---	27.85	27.99
13	34.79	35.80	34.52	32.16	28.46	27.64	27.54	28.36	29.12	---	27.88	28.03
14	34.82	---	34.53	31.91	28.36	---	27.54	28.51	29.09	---	---	28.10
15	34.83	---	34.47	31.82	28.31	---	27.55	28.56	29.09	---	---	28.18
16	34.85	35.91	34.45	31.67	28.33	27.65	27.50	28.60	29.07	28.38	27.80	28.23
17	34.88	35.92	34.41	31.34	28.29	27.70	27.47	28.64	28.98	28.32	26.90	28.26
18	34.93	35.93	34.29	31.00	28.26	27.72	27.46	28.67	28.91	28.22	26.58	28.27
19	34.96	35.90	34.18	30.80	---	27.77	27.44	28.69	28.89	28.14	26.58	28.28
20	34.98	35.91	34.05	30.53	---	27.83	27.43	28.76	28.88	28.09	26.60	28.27
21	34.99	35.99	33.98	30.21	---	27.84	27.44	28.80	28.88	28.03	26.67	28.25
22	35.05	36.03	33.96	29.89	28.26	27.90	27.46	28.85	---	27.91	26.76	---
23	35.10	36.05	33.91	29.66	28.20	27.98	27.51	28.88	---	27.81	26.88	---
24	35.13	36.03	33.91	29.54	27.97	28.00	27.53	28.92	---	27.73	26.97	---
25	35.14	36.03	33.85	29.49	27.84	28.00	27.55	28.93	28.93	27.70	27.01	28.26
26	35.18	36.03	33.87	29.48	27.73	28.06	27.60	28.95	28.98	27.67	27.07	28.26
27	35.27	35.91	33.88	29.44	27.73	28.00	27.64	28.99	28.97	27.65	27.13	28.34
28	35.27	35.73	33.86	29.29	27.75	27.68	27.70	29.05	28.97	27.65	27.17	28.39
29	35.34	35.68	33.81	29.11	---	27.48	27.76	29.10	28.89	27.64	27.21	28.42
30	35.32	35.69	33.80	28.91	---	27.37	27.78	29.13	28.75	27.60	27.28	28.50
31	35.37	---	33.81	28.76	---	27.28	---	29.16	---	27.59	27.31	---
MEAN	34.93	35.80	34.50	31.44	28.35	27.71	27.51	28.49	29.08	28.10	27.31	28.00
MAX	35.37	36.05	35.70	33.77	28.71	28.06	27.78	29.16	29.29	28.66	27.88	28.50
MIN	34.49	35.48	33.80	28.76	27.73	27.28	27.28	27.79	28.75	27.59	26.58	27.35



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 sea level. Measuring point: Top of casing, 0.70 ft above land-surface datum.

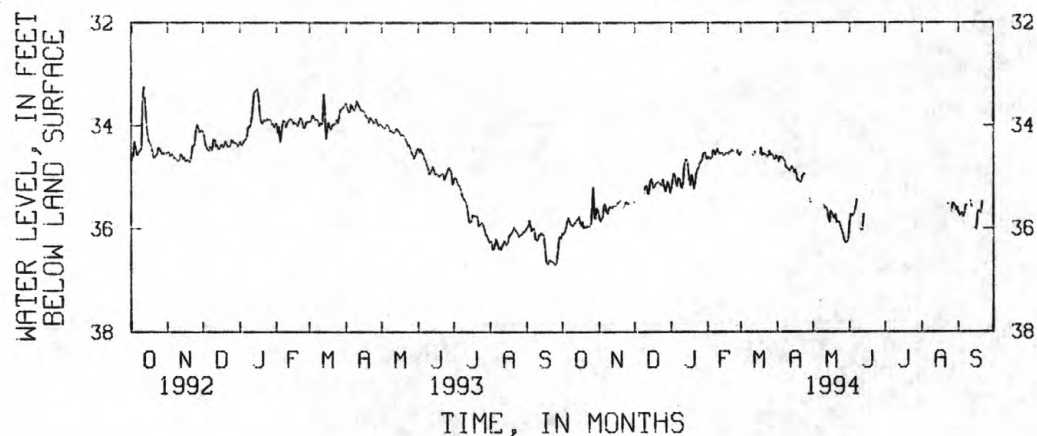
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 37.38 ft below land-surface datum, Oct. 3, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.09	35.80	35.48	35.21	34.62	34.51	34.62	---	35.86	---	---	35.70
2	36.10	35.86	---	35.05	34.61	---	34.70	---	35.72	---	---	35.75
3	36.05	35.82	---	34.92	34.65	---	34.60	---	35.75	---	---	35.72
4	35.98	35.77	---	34.97	34.62	---	34.63	---	35.73	---	---	35.69
5	35.86	35.54	---	35.12	34.49	---	34.61	---	35.70	---	---	35.77
6	35.79	35.52	---	35.18	34.48	---	34.65	---	35.58	---	---	35.72
7	35.85	35.66	---	35.01	34.56	---	34.68	---	35.44	---	---	35.54
8	35.92	35.71	---	35.05	34.50	---	34.81	---	---	---	---	35.55
9	35.93	35.63	35.31	35.18	34.45	---	34.81	---	---	---	---	---
10	35.95	35.58	35.19	35.23	34.52	---	34.84	35.53	36.01	---	---	---
11	35.90	35.59	35.16	35.10	34.55	34.56	34.88	35.61	36.04	---	---	35.46
12	35.89	35.60	35.32	34.76	34.53	34.59	34.84	35.58	36.03	---	---	35.57
13	35.83	35.56	35.32	34.66	34.52	34.51	34.79	35.64	35.72	---	---	---
14	35.81	35.57	35.08	34.66	34.58	---	34.82	35.81	---	---	---	---
15	35.76	35.56	35.03	34.77	34.56	---	34.91	35.88	---	---	---	35.98
16	35.89	35.51	35.12	35.04	34.54	---	34.86	35.66	---	---	---	36.02
17	35.95	35.50	35.21	35.16	34.52	34.54	34.94	35.71	---	---	---	35.67
18	35.87	35.48	35.16	34.95	34.56	34.43	35.07	35.77	---	---	---	35.66
19	35.99	35.45	35.13	35.02	34.50	34.58	35.05	35.81	---	---	---	35.66
20	35.97	---	35.11	35.23	34.52	34.54	35.10	35.73	---	---	---	35.70
21	35.98	35.60	35.08	35.11	34.47	34.55	35.09	35.88	---	---	---	35.48
22	35.95	35.58	35.13	34.93	34.49	34.56	34.99	35.87	---	---	---	---
23	35.96	35.51	35.13	34.85	---	34.61	34.94	35.88	---	---	35.52	---
24	35.96	35.48	35.16	34.81	---	34.58	34.94	35.96	---	---	---	---
25	35.91	35.52	35.05	34.73	34.53	34.49	---	36.01	---	---	---	---
26	35.62	35.51	35.18	34.70	34.47	34.57	---	36.09	---	---	35.68	---
27	35.19	---	35.28	34.67	34.55	34.55	---	36.20	---	---	35.50	---
28	35.80	---	35.19	34.55	34.58	34.58	35.42	36.27	---	---	35.52	---
29	35.82	---	35.09	34.53	---	34.64	35.49	36.27	---	---	35.56	---
30	35.61	35.47	35.18	34.52	---	34.66	---	36.25	---	---	35.65	---
31	35.66	---	35.31	34.65	---	34.58	---	36.18	---	---	35.59	---
MEAN	35.87	35.59	35.18	34.91	34.54	34.56	34.89	35.89	35.78	---	35.57	35.68
MAX	36.10	35.86	35.48	35.23	34.65	34.66	35.49	36.27	36.04	---	35.68	36.02
MIN	35.19	35.45	35.03	34.52	34.45	34.43	34.60	35.53	35.44	---	35.50	35.46



KERSHAW COUNTY

343330080263700. Local number, KER-263.

LOCATION.--Lat 34°33'30'', long 80°26'37'', Hydrologic Unit 03040202, Northwest of Bethune, at Mt. Pisgah School, across from office.

Owner: Bethune Rural Water Company.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6.25 in, depth 455 ft, cased to 103 ft, open hole from 103 to 455 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 470 ft above sea level. Measuring point: Top of casing, 1.45 ft above land-surface datum.

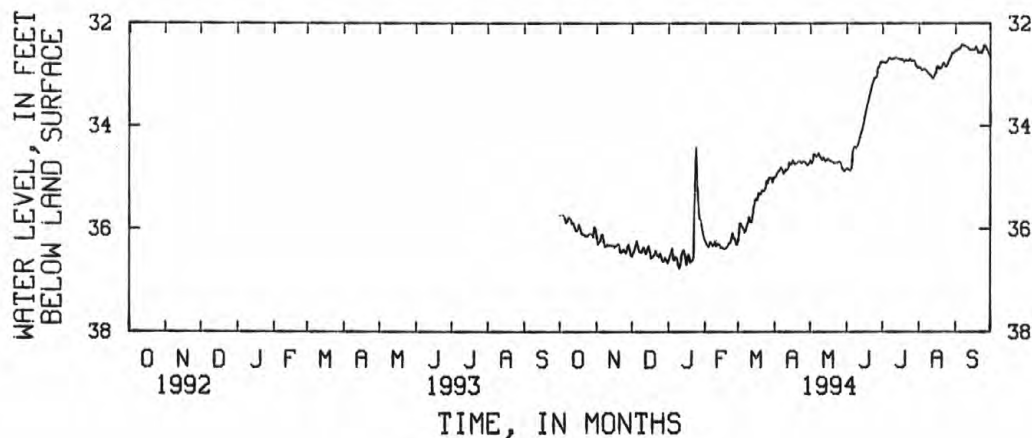
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.42 ft below land-surface datum, Sept. 6 - 7, 1994; lowest, 36.77 ft below land-surface datum, Jan. 10, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.74	36.18	36.54	36.62	36.25	36.21	34.99	34.67	34.83	32.75	32.85	32.52
2	35.74	36.30	36.46	36.53	36.29	35.90	34.99	34.72	34.84	32.75	32.86	32.51
3	35.73	36.26	36.42	36.47	36.34	35.89	34.92	34.71	34.86	32.76	32.90	32.50
4	35.74	36.23	36.31	36.39	36.35	35.95	34.88	34.54	34.87	32.76	32.91	32.48
5	35.80	36.13	36.24	36.59	36.26	35.99	34.86	34.56	34.81	32.73	32.88	32.47
6	35.88	36.11	36.35	36.62	36.27	36.06	34.81	34.60	34.48	32.68	32.89	32.42
7	35.86	36.26	36.44	36.55	36.33	36.04	34.84	34.58	34.41	32.67	32.92	32.42
8	35.80	36.35	36.45	36.58	36.31	35.96	34.92	34.53	34.40	32.69	32.95	32.43
9	35.79	36.34	36.47	36.71	36.24	35.89	34.90	34.59	34.43	32.69	32.97	32.43
10	35.82	36.31	36.39	36.77	36.34	35.77	34.85	34.62	34.38	32.68	33.00	32.45
11	35.90	36.33	36.36	36.70	36.29	35.85	34.86	34.66	34.30	32.68	33.02	32.46
12	35.88	36.32	36.46	36.50	36.32	35.87	34.84	34.61	34.22	32.66	33.06	32.49
13	35.95	36.33	36.49	36.43	36.30	35.73	34.72	34.66	34.14	32.67	33.07	32.51
14	36.02	36.33	36.39	36.41	36.37	35.55	34.75	34.69	34.05	32.68	33.02	32.51
15	36.05	36.32	36.33	36.56	36.36	35.45	34.73	34.66	33.96	32.69	32.96	32.50
16	36.01	36.36	36.45	36.70	36.38	35.41	34.67	34.64	33.83	32.70	32.86	32.52
17	35.92	36.34	36.57	36.54	36.39	35.44	34.72	34.66	33.69	32.69	32.83	32.50
18	36.00	36.34	36.55	36.50	36.38	35.31	34.74	34.68	33.60	32.71	32.88	32.45
19	36.08	36.30	36.53	36.65	36.37	35.32	34.73	34.69	33.51	32.74	32.87	32.50
20	36.11	36.31	36.50	36.64	36.33	35.32	34.70	34.71	33.41	32.72	32.85	32.56
21	36.11	36.45	36.43	36.61	36.28	35.26	34.69	34.72	33.31	32.71	32.80	32.56
22	36.14	36.47	36.51	36.55	36.28	35.26	34.68	34.72	33.22	32.72	32.77	32.55
23	36.14	36.44	36.52	35.35	36.20	35.27	34.72	34.72	33.15	32.72	32.82	32.58
24	36.14	36.40	36.55	34.41	36.09	35.20	34.71	34.72	33.07	32.69	32.83	32.51
25	36.12	36.45	36.48	35.08	36.18	35.07	34.69	34.70	33.05	32.71	32.79	32.43
26	36.10	36.48	36.59	35.51	36.18	35.11	34.70	34.70	33.04	32.73	32.73	32.43
27	36.10	36.36	36.64	35.80	36.29	35.02	34.72	34.74	32.87	32.72	32.68	32.49
28	36.11	36.31	36.63	35.83	36.30	35.00	34.75	34.82	32.83	32.73	32.63	32.53
29	36.16	36.41	36.56	35.97	---	35.02	34.76	34.86	32.77	32.80	32.57	32.58
30	35.97	36.52	36.62	36.09	---	35.09	34.73	34.88	32.74	32.84	32.57	32.63
31	36.01	---	36.67	36.19	---	35.01	---	34.85	---	32.86	32.55	---
MEAN	35.97	36.33	36.48	36.29	36.30	35.52	34.79	34.68	33.84	32.72	32.85	32.50
MAX	36.16	36.52	36.67	36.77	36.39	36.21	34.99	34.88	34.87	32.86	33.07	32.63
MIN	35.73	36.11	36.24	34.41	36.09	35.00	34.67	34.53	32.74	32.66	32.55	32.42



GROUND-WATER LEVELS

LAURENS COUNTY

342947081454900. Local number, LAU-51.

LOCATION.--Lat 34°29'50'', long 81°45'14'', Hydrologic Unit 03050108, Indian Creek Station, Tip Top Fire Tower, 60 ft from center of tower's support.

Owner: U.S. Forest Service.

AQUIFER.--Paleozoic Granite Gneiss/Precambrian Granite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 110 ft, casing and screen information unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 590 ft above sea level. Measuring point: Top of casing, 0.20 ft above land-surface datum.

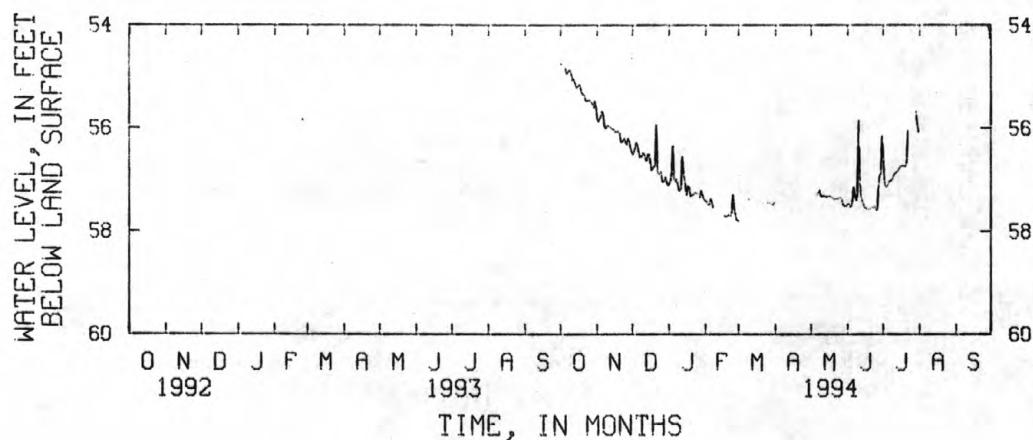
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.02 ft below land-surface datum, Sept. 28, 1994; lowest, 57.80 ft below land-surface datum, Feb. 28, Mar. 1, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54.75	55.82	56.52	57.08	57.42	57.80	---	---	57.48	56.55	---	---
2	54.75	55.88	56.47	57.01	57.43	---	---	---	57.48	57.04	---	---
3	54.75	55.82	56.41	56.89	57.48	---	---	---	57.53	57.14	---	---
4	54.78	55.77	56.29	56.33	57.50	---	---	---	57.51	57.15	---	---
5	54.87	55.68	56.32	56.98	57.39	---	---	57.28	57.40	57.12	---	---
6	54.95	55.74	56.45	57.05	57.43	---	---	57.31	57.15	57.05	---	---
7	54.92	55.95	56.56	56.99	57.53	---	---	57.26	57.34	57.02	---	---
8	54.87	56.01	56.55	57.06	---	---	---	57.21	57.40	57.02	---	---
9	54.89	55.98	56.56	57.20	---	---	---	57.31	57.31	56.99	---	---
10	54.96	55.95	56.49	57.22	---	---	---	57.32	55.84	56.93	---	---
11	55.07	55.97	56.52	57.18	---	---	---	57.33	56.97	56.88	---	---
12	55.05	55.98	56.62	56.54	---	---	---	57.30	57.31	56.87	---	---
13	55.13	56.00	56.64	56.85	---	---	---	57.33	57.41	56.85	---	---
14	55.19	56.01	56.52	56.99	---	---	---	57.34	57.49	56.81	---	---
15	55.22	56.03	56.52	57.20	---	---	---	57.33	57.54	56.77	---	---
16	55.18	56.08	56.68	57.31	---	---	---	57.32	57.56	56.74	---	---
17	55.15	56.06	56.82	57.13	57.70	---	---	57.33	57.57	56.73	---	---
18	55.25	56.08	56.78	57.17	57.73	---	---	57.34	57.58	56.73	---	---
19	55.33	56.06	56.75	57.32	57.72	---	---	57.35	57.58	56.74	---	---
20	55.35	56.11	56.74	57.31	57.70	---	---	57.37	57.57	56.75	---	---
21	55.36	56.26	55.92	57.31	57.68	---	---	57.38	57.55	56.64	---	---
22	55.46	56.27	56.85	57.28	57.71	---	---	57.38	57.54	56.06	---	---
23	55.47	56.24	56.89	57.26	57.64	---	---	57.37	57.55	---	---	---
24	55.47	56.20	56.90	57.26	57.29	---	---	57.37	57.52	---	---	---
25	55.46	56.27	56.85	57.28	57.57	57.44	---	57.35	57.57	---	---	---
26	55.47	56.32	57.02	57.29	57.66	57.46	---	57.35	57.60	---	---	---
27	55.51	56.21	57.05	57.35	57.78	57.45	---	57.40	57.14	---	---	---
28	55.54	56.25	57.03	57.22	57.80	57.46	---	57.49	56.92	---	---	54.02
29	55.60	56.36	56.96	57.30	---	57.47	---	57.51	56.89	55.69	---	54.09
30	55.49	56.46	57.07	57.36	---	57.50	---	57.53	56.14	55.92	---	54.25
31	55.63	---	57.12	57.41	---	57.46	---	57.51	---	56.07	---	---
MEAN	55.19	56.06	56.67	57.13	57.59	57.50	---	57.36	57.31	56.73	---	54.12
MAX	55.63	56.46	57.12	57.41	57.80	57.80	---	57.53	57.60	57.15	---	54.25
MIN	54.75	55.68	55.92	56.33	57.29	57.44	---	57.21	55.84	55.69	---	54.02



GROUND-WATER LEVELS

509

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 sea level. Measuring point: Top of casing, 2.15 ft above land-surface datum.

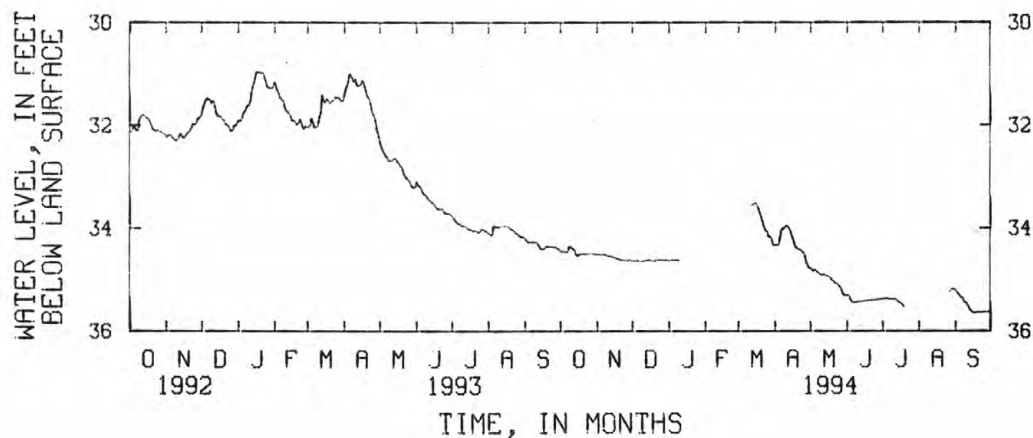
REMARKS.-- Water-quality data available in District files.

PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 35.65 ft below land-surface datum, Sept. 16, 17, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.45	34.51	34.64	34.63	---	---	34.33	34.78	35.31	35.38	---	35.21
2	34.45	34.51	34.64	34.62	---	---	34.33	34.81	35.31	35.38	---	35.25
3	34.45	34.51	34.64	34.62	---	---	34.33	34.84	35.36	35.38	---	35.28
4	34.45	34.51	34.64	34.62	---	---	34.32	34.81	35.40	35.37	---	35.30
5	34.46	34.51	34.63	34.62	---	---	34.18	34.82	35.43	35.37	---	35.34
6	34.46	34.51	34.63	34.62	---	---	34.06	34.85	35.44	35.38	---	35.35
7	34.46	34.51	34.64	34.62	---	---	34.01	34.86	35.44	35.38	---	35.38
8	34.37	34.52	34.64	34.62	---	---	34.01	34.87	35.44	35.38	---	35.43
9	34.36	34.53	34.64	34.63	---	---	33.99	34.90	35.44	35.38	---	35.44
10	34.36	34.53	34.64	---	---	---	33.96	34.92	35.43	35.38	---	35.47
11	34.40	34.54	34.63	---	---	33.54	33.95	34.91	35.43	35.38	---	35.50
12	34.40	34.54	34.63	---	---	33.54	33.99	34.90	35.43	35.38	---	35.54
13	34.44	34.54	34.63	---	---	33.54	34.02	34.91	35.43	35.41	---	35.58
14	34.51	34.56	34.63	---	---	33.52	34.08	34.93	35.42	35.43	---	35.61
15	34.53	34.56	34.62	---	---	33.52	34.16	34.93	35.42	35.44	---	35.63
16	34.52	34.57	34.62	---	---	33.53	34.21	34.93	35.42	35.46	---	35.65
17	34.50	34.59	34.63	---	---	33.60	34.30	34.95	35.42	35.47	---	35.65
18	34.50	34.59	34.64	---	---	33.63	34.36	34.98	35.41	35.50	---	35.64
19	34.50	34.60	34.64	---	---	33.71	34.39	35.01	35.41	35.52	---	35.64
20	34.50	34.60	34.64	---	---	33.80	34.41	35.04	35.41	---	---	35.64
21	34.50	34.62	34.62	---	---	33.86	34.42	35.06	35.41	---	---	35.64
22	34.50	34.62	34.62	---	---	33.95	34.42	35.07	35.40	---	---	35.64
23	34.50	34.62	34.62	---	---	34.03	34.44	35.08	35.40	---	---	35.64
24	34.50	34.62	34.62	---	---	34.06	34.47	35.11	35.40	---	---	35.64
25	34.50	34.62	34.62	---	---	34.07	34.48	35.13	35.40	---	---	35.63
26	34.50	34.63	34.62	---	---	34.15	34.54	35.15	35.39	---	---	35.63
27	34.50	34.63	34.62	---	---	34.17	34.66	35.21	35.39	---	35.23	35.63
28	34.50	34.62	34.62	---	---	34.18	34.72	35.27	35.39	---	35.20	35.63
29	34.50	34.62	34.62	---	---	34.24	34.76	35.30	35.39	---	35.19	35.63
30	34.51	34.63	34.62	---	---	34.32	34.78	35.31	35.38	---	35.18	35.63
31	34.51	---	34.63	---	---	34.33	---	35.31	---	---	35.19	---
MEAN	34.47	34.57	34.63	34.62	---	33.87	34.30	35.00	35.40	35.41	35.20	35.53
MAX	34.53	34.63	34.64	34.63	---	34.33	34.78	35.31	35.44	35.52	35.23	35.65
MIN	34.36	34.51	34.62	34.62	---	33.52	33.95	34.78	35.31	35.37	35.18	35.21



GROUND-WATER LEVELS

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 sea level. Measuring point: Top of casing, 0.50 ft above land-surface datum.

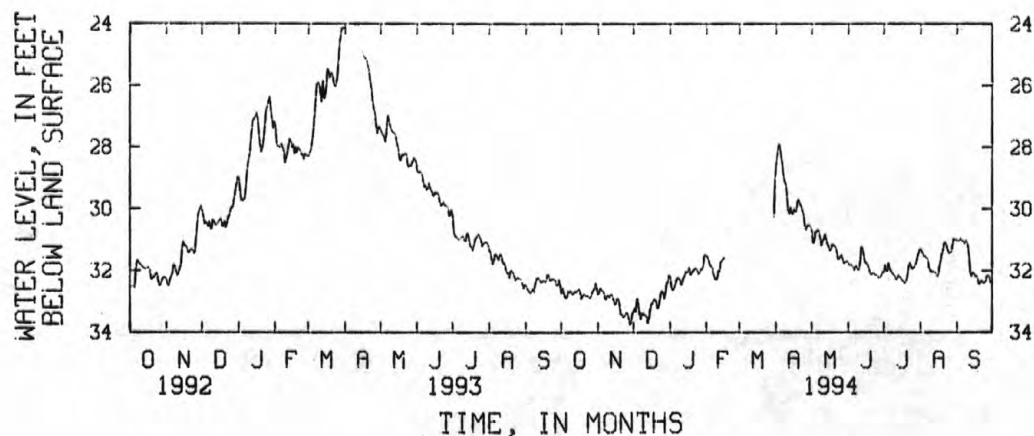
REMARKS.--1957 water-quality data on file in District office.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 33.77 ft below land-surface datum, Nov. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.72	32.76	33.31	32.21	31.52	---	28.52	30.72	31.77	32.03	31.27	31.01
2	32.58	32.68	33.22	32.54	31.57	---	28.20	31.09	31.81	31.83	31.37	31.05
3	32.71	32.57	33.31	32.62	31.70	---	27.93	31.09	31.83	31.98	31.44	31.01
4	32.83	32.62	32.90	32.59	31.83	---	27.92	30.75	31.81	32.01	31.53	30.96
5	32.89	32.67	33.07	32.50	31.86	---	28.30	30.73	31.88	31.76	31.53	31.01
6	32.82	32.71	33.38	32.33	31.94	---	28.51	30.67	31.99	31.95	31.57	31.02
7	32.68	32.89	33.56	32.23	32.12	---	28.88	30.71	31.88	32.02	31.61	31.11
8	32.70	32.92	33.39	32.24	32.28	---	29.14	30.92	31.85	32.07	31.87	31.05
9	32.65	32.80	33.43	32.26	32.26	---	29.19	31.19	31.95	32.11	32.00	31.03
10	32.73	32.83	33.39	32.43	32.30	---	29.53	31.05	31.97	32.16	32.02	31.21
11	32.77	32.84	33.46	32.44	32.01	---	30.04	30.96	31.73	32.27	32.04	31.51
12	32.69	32.77	33.48	32.26	32.01	---	30.16	30.83	31.23	32.27	32.04	32.04
13	32.67	32.78	33.70	32.18	31.72	---	29.97	30.96	31.25	32.16	32.03	32.19
14	32.70	32.93	33.53	32.05	31.69	---	30.12	31.11	31.47	32.20	32.07	32.08
15	32.64	33.08	33.26	32.04	31.61	---	30.18	31.20	31.73	32.21	32.18	32.08
16	32.58	33.07	33.06	32.05	31.58	---	30.03	31.33	31.74	32.29	32.15	32.18
17	32.72	32.93	33.05	31.90	---	---	30.10	31.32	31.80	32.32	31.88	32.16
18	32.90	32.90	32.95	32.09	---	---	30.06	31.18	31.86	32.38	31.71	32.20
19	32.82	33.08	32.91	32.13	---	---	29.75	31.16	32.02	32.41	31.45	32.41
20	32.77	33.39	32.96	32.02	---	---	29.70	31.20	32.11	32.31	31.32	32.44
21	32.78	33.41	33.18	31.98	---	---	29.84	31.21	32.11	32.13	31.13	32.36
22	32.83	33.50	33.21	31.94	---	---	29.90	31.38	32.06	31.85	31.07	32.33
23	32.79	33.47	32.97	31.91	---	---	30.06	31.62	32.11	31.75	31.20	32.39
24	32.83	33.47	32.73	31.98	---	---	30.17	31.62	32.14	31.86	31.33	32.41
25	32.90	33.37	32.65	32.09	---	---	30.52	31.55	32.13	31.94	31.41	32.35
26	32.84	33.39	32.72	32.05	---	---	30.68	31.48	32.20	31.90	31.41	32.21
27	32.71	33.55	32.90	31.95	---	---	30.57	31.60	32.25	31.87	31.40	32.14
28	32.63	33.74	32.71	31.95	---	---	30.53	31.75	32.20	31.78	31.19	32.19
29	32.58	33.68	32.40	31.88	---	---	30.54	31.74	32.15	31.60	30.97	32.36
30	32.41	33.39	32.36	31.53	---	30.26	30.57	31.69	32.06	31.46	30.99	32.37
31	32.61	---	32.14	31.47	---	29.08	---	31.70	---	31.31	31.00	---
MEAN	32.73	33.07	33.07	32.12	31.87	29.67	29.65	31.21	31.90	32.01	31.55	31.83
MAX	32.90	33.74	33.70	32.62	32.30	30.26	30.68	31.75	32.25	32.41	32.18	32.44
MIN	32.41	32.57	32.14	31.47	31.52	29.08	27.92	30.67	31.23	31.31	30.97	30.96



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.--Middenforn and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 135 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

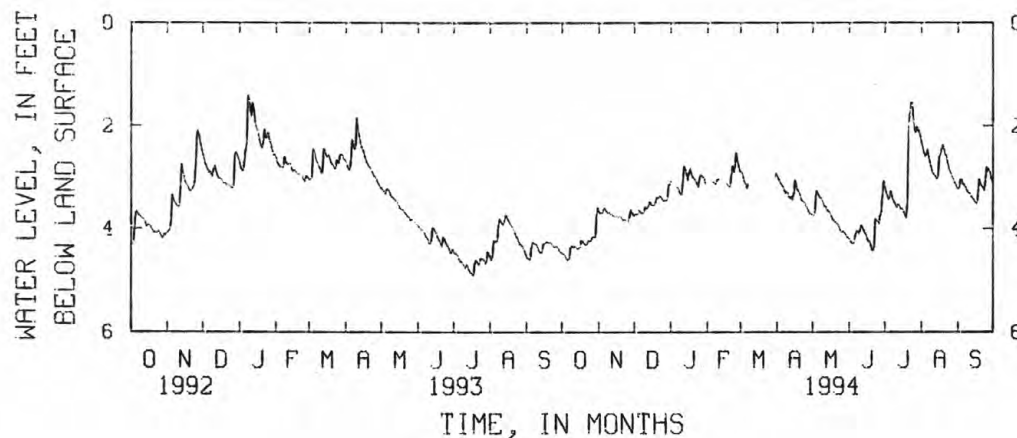
REMARKS.--1971 Gamma and Caliper logged to 297 ft.

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.40 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.48	3.67	3.74	3.09	---	2.90	2.98	3.73	4.19	3.20	2.33	3.24
2	4.48	3.70	3.72	---	---	2.91	3.04	3.76	4.25	3.29	2.40	3.21
3	4.50	3.69	3.73	---	---	3.01	3.07	3.69	4.28	3.37	2.51	3.05
4	4.54	3.70	3.71	---	---	3.10	3.12	3.26	4.29	3.43	2.59	3.05
5	4.59	3.63	3.64	---	3.10	3.14	3.17	3.28	4.28	3.40	2.56	3.13
6	4.60	3.60	3.67	3.19	3.09	3.23	3.19	3.35	4.13	3.28	2.47	3.15
7	4.58	3.66	3.70	3.20	3.13	3.15	3.26	3.40	4.05	3.37	2.59	3.19
8	4.38	3.68	3.69	3.28	3.14	---	3.32	3.41	4.06	3.44	2.70	3.25
9	4.33	3.68	3.70	3.33	3.06	---	3.28	3.45	4.10	3.50	2.79	3.29
10	4.35	3.69	3.59	3.34	3.04	---	3.31	3.51	4.04	3.55	2.88	3.31
11	4.36	3.72	3.60	3.08	---	---	3.39	3.57	3.94	3.60	2.93	3.32
12	4.34	3.73	3.60	2.78	---	---	3.43	3.57	3.98	3.54	2.96	3.38
13	4.37	3.74	3.56	2.84	---	---	3.38	3.64	4.03	3.54	2.99	3.41
14	4.38	3.75	3.48	2.94	---	---	3.44	3.66	4.08	3.61	3.04	3.44
15	4.38	3.76	3.52	3.05	---	---	3.32	3.68	4.12	3.63	2.97	3.48
16	4.36	3.77	3.55	2.93	---	---	3.06	3.70	4.20	3.62	2.60	3.51
17	4.23	3.76	3.53	2.84	3.13	---	3.17	3.78	4.25	3.68	2.56	3.52
18	4.24	3.77	3.55	2.93	3.16	---	3.25	3.83	4.24	3.75	2.46	3.26
19	4.26	3.76	3.48	2.99	3.18	---	3.28	3.86	4.32	3.80	2.38	3.04
20	4.29	3.78	3.39	3.02	3.19	---	3.34	3.89	4.40	3.52	2.47	3.14
21	4.32	3.82	3.41	3.05	2.36	---	3.42	3.88	4.43	2.04	2.55	3.18
22	4.29	3.83	3.38	3.10	2.78	---	3.46	3.91	4.35	1.75	2.59	3.20
23	4.24	3.83	3.36	3.14	2.90	---	3.47	3.96	3.80	1.55	2.72	3.26
24	4.24	3.83	3.40	3.19	2.78	---	3.50	4.02	3.85	1.55	2.82	3.09
25	4.24	3.86	3.44	3.02	2.52	---	3.54	4.05	3.85	1.87	2.88	2.80
26	4.19	3.86	3.46	2.96	2.67	---	3.60	4.08	3.90	2.08	2.93	2.88
27	4.16	3.75	3.45	2.98	2.78	---	3.65	4.05	3.75	2.14	3.00	2.84
28	4.16	3.64	3.46	2.99	2.87	---	3.69	4.09	3.66	2.02	3.04	2.92
29	4.17	3.69	3.44	3.04	---	---	3.72	4.12	3.35	2.10	3.11	3.02
30	3.75	3.73	3.15	3.11	---	3.00	3.72	4.17	3.07	2.10	3.16	3.10
31	3.59	---	3.14	---	---	2.94	---	4.18	---	2.21	3.20	---
MEAN	4.30	3.74	3.52	3.05	2.97	3.04	3.35	3.76	4.04	2.95	2.75	3.19
MAX	4.60	3.86	3.74	3.34	3.19	3.23	3.72	4.18	4.43	3.80	3.20	3.52
MIN	3.59	3.60	3.14	2.78	2.52	2.90	2.98	3.26	3.07	1.55	2.33	2.80



GROUND-WATER LEVELS

McCORMICK COUNTY

335336082214600. Local number, MCK-52.

LOCATION.--Lat 33°53'36'', long 82°21'46'', Hydrologic Unit 03060103, Baker Creek State Park, at ranger's residence.

Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 54 ft, open hole from 54 to 202 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 400 ft above sea level. Measuring point: Top of casing, 0.91 ft above land-surface datum.

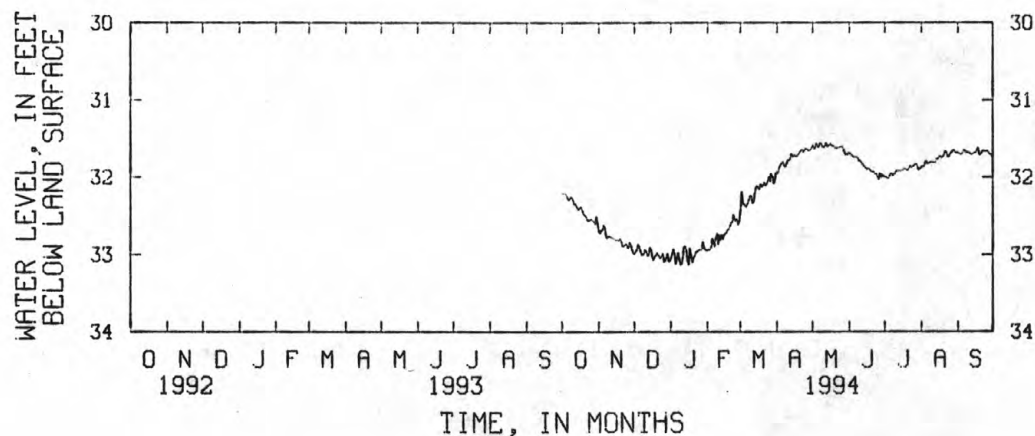
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 31.56 ft below land-surface datum, May 8, 12, 1994; lowest, 33.13 ft below land-surface datum, Jan. 9, 16, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.21	32.70	32.99	33.04	32.94	32.43	31.95	31.59	31.69	32.00	31.87	31.68
2	32.21	32.73	32.96	32.99	32.93	32.18	31.93	31.63	31.70	32.00	31.86	31.70
3	32.21	32.69	32.94	32.93	32.94	32.35	31.87	31.62	31.72	32.01	31.87	31.70
4	32.22	32.68	32.87	32.99	32.90	32.35	31.84	31.57	31.73	32.02	31.82	31.70
5	32.27	32.63	32.90	33.12	32.80	32.37	31.82	31.60	31.74	31.99	31.79	31.69
6	32.30	32.66	32.95	33.05	32.83	32.39	31.80	31.61	31.74	31.96	31.82	31.65
7	32.29	32.77	33.00	32.98	32.89	32.35	31.85	31.57	31.73	31.96	31.82	31.66
8	32.26	32.79	32.99	33.06	32.79	32.30	31.87	31.56	31.75	31.98	31.81	31.68
9	32.27	32.77	33.00	33.13	32.73	32.25	31.82	31.60	31.79	31.96	31.81	31.67
10	32.30	32.77	32.94	33.12	32.86	32.24	31.78	31.60	31.79	31.93	31.81	31.68
11	32.35	32.78	32.96	33.04	32.75	32.34	31.78	31.61	31.81	31.92	31.81	31.69
12	32.35	32.78	33.01	32.91	32.81	32.32	31.76	31.56	31.83	31.92	31.81	31.70
13	32.38	32.79	33.00	32.89	32.75	32.21	31.70	31.59	31.85	31.92	31.81	31.70
14	32.41	32.80	32.91	32.96	32.80	32.14	31.73	31.60	31.87	31.92	31.77	31.69
15	32.42	32.81	32.94	33.08	32.75	32.11	31.72	31.58	31.89	31.92	31.76	31.68
16	32.40	32.82	33.03	33.13	32.73	32.14	31.72	31.57	31.90	31.91	31.73	31.68
17	32.39	32.81	33.07	32.92	32.72	32.16	31.73	31.59	31.89	31.90	31.73	31.65
18	32.44	32.82	33.03	33.02	32.69	32.09	31.72	31.59	31.90	31.89	31.75	31.62
19	32.48	32.80	33.01	33.10	32.67	32.12	31.70	31.60	31.92	31.90	31.73	31.70
20	32.50	32.83	32.98	33.04	32.63	32.11	31.67	31.62	31.93	31.91	31.71	31.71
21	32.51	32.89	33.00	33.02	32.59	32.07	31.66	31.62	31.93	31.90	31.67	31.68
22	32.55	32.89	33.03	32.97	32.58	32.11	31.64	31.62	31.94	31.87	31.68	31.66
23	32.56	32.88	33.05	32.96	32.49	32.09	31.67	31.61	31.96	31.86	31.73	31.66
24	32.56	32.86	33.03	32.95	32.55	32.05	31.65	31.61	31.96	31.87	31.73	31.67
25	32.55	32.90	32.99	32.94	32.56	32.00	31.63	31.60	32.00	31.86	31.71	31.66
26	32.55	32.91	33.09	32.93	32.54	32.05	31.63	31.60	32.03	31.85	31.68	31.66
27	32.57	32.85	33.08	32.94	32.61	31.96	31.65	31.65	31.96	31.83	31.67	31.69
28	32.58	32.89	33.04	32.84	32.56	32.00	31.65	31.69	32.00	31.84	31.65	31.70
29	32.61	32.94	32.99	32.92	---	32.08	31.65	31.71	31.97	31.89	31.65	31.71
30	32.52	32.98	33.08	32.93	---	32.05	31.62	31.71	31.99	31.90	31.68	31.74
31	32.63	---	33.09	32.95	---	31.95	---	31.69	---	31.89	31.68	---
MEAN	32.41	32.81	33.00	33.00	32.73	32.17	31.74	31.61	31.86	31.92	31.76	31.68
MAX	32.63	32.98	33.09	33.13	32.94	32.43	31.95	31.71	32.03	32.02	31.87	31.74
MIN	32.21	32.63	32.87	32.84	32.49	31.95	31.62	31.56	31.69	31.83	31.65	31.62



OCONEE COUNTY

345051083041800. Local number, OC-233.

LOCATION.--Lat 34°50'51'', long 83°04'18'', Hydrologic Unit 03060101, Oconee Station, 60 ft north of gravel road to parking lot.

Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Paleozoic Amphibolite/Precambrian Amphibolite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 445 ft, cased to 24 ft, screen information unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 1080 ft above sea level. Measuring point: Top of casing, 1.22 ft above land-surface datum.

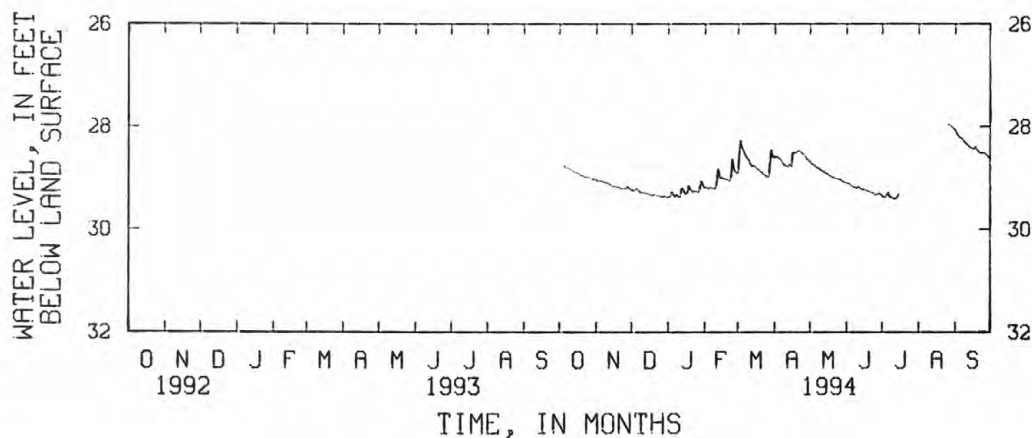
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--Oct. 1993 to Sept. 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 27.96 ft below land-surface datum, Aug. 26, 1994; lowest, 29.41 ft below land-surface datum, July 12, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	29.05	29.24	29.38	29.19	28.90	28.59	28.68	29.10	29.36	---	28.07
2	---	29.06	29.24	29.37	29.19	28.48	28.60	28.72	29.11	29.37	---	28.13
3	---	29.06	29.25	29.37	29.20	28.28	28.59	28.74	29.12	29.38	---	28.17
4	---	29.06	29.24	29.28	29.21	28.41	28.61	28.74	29.14	29.39	---	28.20
5	28.77	29.06	29.21	29.32	29.20	28.45	28.63	28.77	29.16	29.34	---	28.22
6	28.79	29.06	29.23	29.36	29.18	28.51	28.64	28.79	29.17	29.29	---	28.23
7	28.80	29.08	29.26	29.36	29.20	28.56	28.68	28.80	29.18	29.35	---	28.24
8	28.81	29.09	29.27	29.33	29.20	28.59	28.73	28.81	29.19	29.38	---	28.28
9	28.82	29.09	29.29	29.36	29.20	28.63	28.75	28.84	29.20	29.39	---	28.31
10	28.83	29.10	29.29	29.37	29.21	28.66	28.76	28.85	29.19	29.40	---	28.33
11	28.85	29.11	29.29	29.37	29.08	28.73	28.78	28.87	29.18	29.40	---	28.35
12	28.86	29.12	29.30	29.23	28.83	28.77	28.79	28.87	29.20	29.41	---	28.38
13	28.88	29.13	29.31	29.20	28.94	28.77	28.75	28.89	29.22	29.40	---	28.40
14	28.89	29.15	29.30	29.26	29.00	28.77	28.74	28.91	29.22	29.36	---	28.42
15	28.90	29.16	29.31	29.29	29.00	28.78	28.78	28.92	29.23	29.32	---	28.43
16	28.91	29.17	29.33	29.32	29.01	28.80	28.51	28.93	29.24	---	---	28.45
17	28.91	29.17	29.34	29.28	29.02	28.83	28.51	28.95	29.24	---	---	28.43
18	28.93	29.18	29.34	29.16	29.03	28.83	28.52	28.97	29.25	---	---	28.40
19	28.95	29.18	29.34	29.22	29.03	28.86	28.50	28.98	29.26	---	---	28.44
20	28.96	29.19	29.34	29.24	29.04	28.88	28.49	28.99	29.27	---	---	28.48
21	28.97	29.20	29.33	29.26	29.05	28.89	28.48	29.00	29.28	---	---	28.50
22	28.98	29.20	29.34	29.28	29.06	28.92	28.47	29.01	29.29	---	---	28.51
23	28.99	29.20	29.35	29.27	28.96	28.94	28.50	29.02	29.30	---	---	28.52
24	28.99	29.20	29.36	29.27	28.63	28.96	28.52	29.03	29.31	---	---	28.52
25	28.99	29.21	29.35	29.27	28.79	28.97	28.53	29.03	29.33	---	---	28.51
26	29.00	29.22	29.37	29.27	28.85	28.99	28.55	29.03	29.34	---	27.96	28.53
27	29.00	29.18	29.37	29.28	28.89	28.97	28.59	29.05	29.31	---	27.97	28.55
28	29.02	29.18	29.37	29.15	28.91	28.69	28.63	29.06	29.32	---	27.98	28.58
29	29.03	29.21	29.36	29.07	---	28.46	28.65	29.08	29.31	---	28.00	28.60
30	29.02	29.23	29.38	29.13	---	28.58	28.67	29.09	29.33	---	28.03	28.62
31	29.04	---	29.38	29.18	---	28.60	---	29.09	---	---	28.05	---
MEAN	28.92	29.14	29.31	29.27	29.04	28.72	28.62	28.92	29.23	29.37	28.00	28.39
MAX	29.04	29.23	29.38	29.38	29.21	28.99	28.79	29.09	29.34	29.41	28.05	28.62
MIN	28.77	29.05	29.21	29.07	28.63	28.28	28.47	28.68	29.10	29.29	27.96	28.07



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.--Water stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 260 ft above sea level. Measuring point: Top of casing, 0.57 ft above land-surface datum.

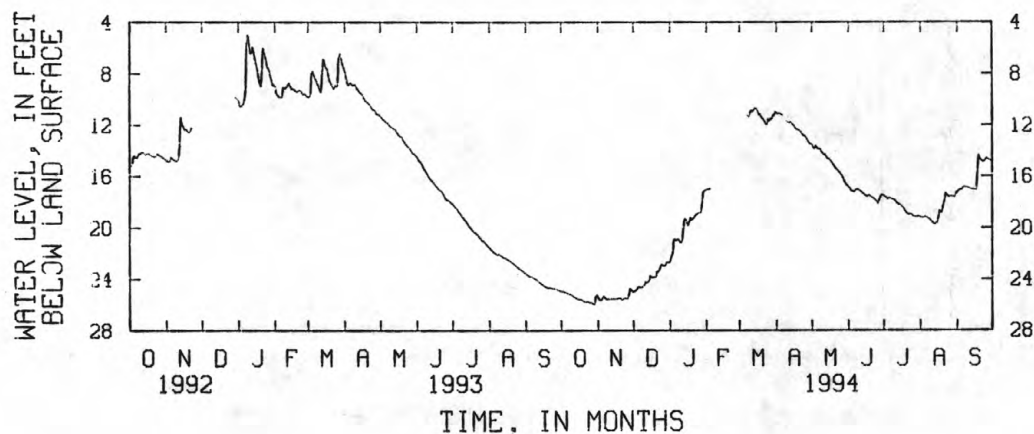
REMARKS.--Water-level affected by nearby pumping.

PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level recorded, 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 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.96	25.45	24.98	22.60	17.04	---	11.05	13.51	16.86	17.53	19.17	17.25
2	24.98	25.59	24.92	22.16	17.00	---	11.12	13.73	16.99	17.60	19.19	17.12
3	24.99	25.61	24.85	21.94	17.02	---	11.07	13.86	17.15	17.69	19.25	17.06
4	25.02	25.61	24.72	20.91	16.96	---	11.09	13.67	17.16	17.76	19.19	17.02
5	25.07	25.43	24.59	20.90	---	---	11.18	13.75	17.19	17.75	19.17	17.01
6	25.13	25.33	24.60	20.99	---	---	11.21	13.86	17.23	17.73	19.18	16.88
7	25.14	25.47	24.64	20.89	---	11.21	---	13.87	17.07	17.75	19.25	16.81
8	25.16	25.55	24.62	20.91	---	11.25	11.70	13.89	17.09	17.81	19.32	16.86
9	25.21	25.56	24.59	21.09	---	11.34	11.70	14.09	17.05	17.81	19.40	16.86
10	25.26	25.55	24.48	21.15	---	10.95	11.69	14.19	17.12	17.86	19.49	16.90
11	25.37	25.56	24.22	21.04	---	10.85	11.79	14.31	17.16	17.97	19.60	16.92
12	25.41	25.55	24.23	20.09	---	10.95	11.86	14.28	17.25	18.09	19.68	16.98
13	25.46	25.55	24.22	19.34	---	10.79	11.73	14.47	17.34	18.18	19.73	17.00
14	25.52	25.55	24.08	19.33	---	10.67	11.89	14.61	17.43	18.20	19.64	17.00
15	25.55	25.55	23.77	19.58	---	10.72	12.01	14.66	17.52	18.26	19.63	17.02
16	25.56	25.55	23.81	19.81	---	10.90	12.06	14.69	17.57	18.34	19.16	17.07
17	25.57	25.52	23.87	19.54	---	11.19	12.24	14.82	17.59	18.44	18.70	17.07
18	25.63	25.51	23.82	19.24	---	11.11	12.34	14.96	17.49	18.56	18.80	15.73
19	25.69	25.46	23.83	19.40	---	11.34	12.37	15.11	17.55	18.72	18.79	14.33
20	25.73	25.47	23.75	19.30	---	11.51	12.41	15.25	17.64	18.84	18.27	14.64
21	25.76	25.55	23.42	19.20	---	11.56	12.48	15.37	17.68	18.94	17.98	14.75
22	25.80	25.56	23.39	19.06	---	11.75	12.57	15.46	17.74	19.03	17.33	14.81
23	25.73	25.53	23.19	18.97	---	11.92	12.75	15.58	17.82	18.93	17.45	14.89
24	25.78	25.47	22.97	18.91	---	11.92	12.83	15.70	17.89	18.97	17.56	14.82
25	25.81	25.49	22.84	18.86	---	11.56	12.87	15.79	18.00	19.05	17.58	14.66
26	25.85	25.51	22.93	18.81	---	11.70	13.00	15.92	18.15	19.09	17.57	14.61
27	25.89	25.21	22.95	18.83	---	11.51	13.16	16.12	17.88	19.16	17.58	14.68
28	25.92	24.76	22.89	18.08	---	11.55	13.31	16.37	17.65	19.15	17.58	14.71
29	25.97	24.85	22.70	17.24	---	11.28	13.44	16.53	17.48	19.22	17.58	14.76
30	25.38	24.93	22.68	17.16	---	11.21	13.49	16.68	17.48	19.09	17.63	14.86
31	25.23	---	22.71	17.10	---	11.01	---	16.76	---	19.15	17.28	---
MEAN	25.47	25.44	23.85	19.76	17.00	11.27	12.15	14.90	17.44	18.41	18.64	16.04
MAX	25.97	25.61	24.98	22.60	17.04	11.92	13.49	16.76	18.15	19.22	19.73	17.25
MIN	24.96	24.76	22.68	17.10	16.96	10.67	11.05	13.51	16.86	17.53	17.28	14.33



GROUND-WATER LEVELS

SALUDA COUNTY

340517081401300. Local number, SAL-69.

LOCATION.--Lat 34°05'17'', long 81°40'13'', Hydrologic Unit 03050109, Northeast of Saluda, Hollywood Elementary School, along tree line of playground.

Owner: Saluda County School District One.

AQUIFER.--Paleozoic Argillite.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 480 ft, cased depth 92 ft, open hole from 92 to 480 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 445 ft above sea level. Measuring point: Top of casing, 2.30 ft above land-surface datum.

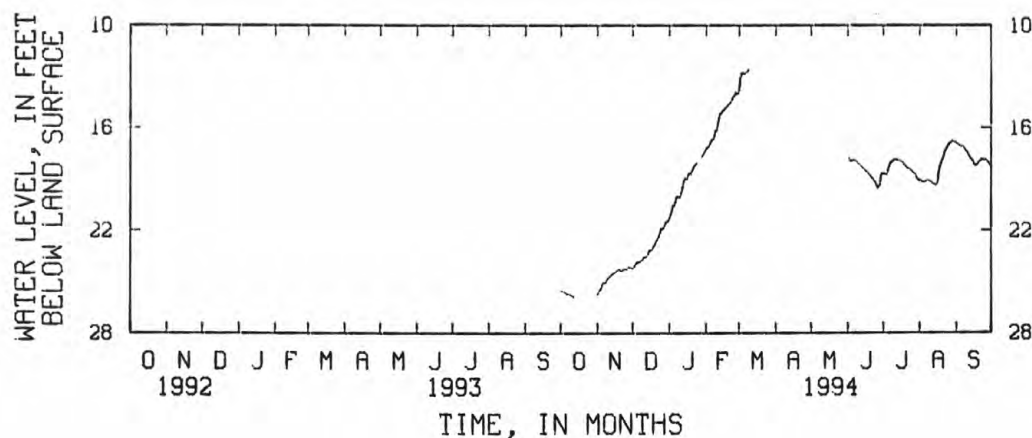
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 12.61 ft below land-surface datum, Mar. 9, 1994; lowest, 25.89 ft below land-surface datum, Oct. 30, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.54	25.73	24.22	21.27	17.25	13.78	---	---	17.61	18.68	19.11	16.86
2	25.56	25.65	24.12	21.05	17.15	13.08	---	---	17.75	18.69	19.10	16.93
3	25.57	25.51	24.06	20.83	17.11	12.79	---	---	17.94	18.72	19.16	16.99
4	25.60	25.39	23.91	20.54	17.02	12.78	---	---	17.92	18.72	19.18	17.04
5	25.67	25.20	23.85	20.56	16.80	12.79	---	---	17.90	18.50	19.17	17.09
6	25.73	25.07	23.85	20.34	16.69	12.83	---	---	17.91	18.24	19.15	17.08
7	25.74	25.08	23.85	20.07	16.67	12.81	---	---	17.89	18.05	19.10	17.14
8	25.74	25.02	23.77	20.02	16.48	12.71	---	---	17.92	18.00	19.08	17.24
9	25.77	24.91	23.73	20.09	16.16	12.61	---	---	18.04	17.95	19.11	17.31
10	25.80	24.80	23.61	20.03	16.15	---	---	---	18.09	17.88	19.15	17.42
11	25.86	24.74	23.54	19.83	15.76	---	---	---	18.16	17.85	19.20	17.54
12	25.87	24.66	23.56	19.49	15.41	---	---	---	18.24	17.86	19.26	17.67
13	---	24.60	23.53	19.14	15.17	---	---	---	18.31	17.88	19.33	17.77
14	---	24.54	23.34	18.97	15.15	---	---	---	18.37	17.89	19.33	17.87
15	---	24.50	23.18	18.99	15.00	---	---	---	18.44	17.91	19.39	17.97
16	---	24.48	23.16	18.99	14.93	---	---	---	18.51	17.94	19.25	18.12
17	---	24.40	23.15	18.75	14.88	---	---	---	18.57	18.00	18.64	18.22
18	---	24.36	23.01	18.62	14.78	---	---	---	18.65	18.05	18.31	18.20
19	---	24.30	22.90	18.72	14.71	---	---	---	18.73	18.16	18.07	18.13
20	---	24.29	22.79	18.54	14.62	---	---	---	18.83	18.24	17.88	18.04
21	---	24.38	22.59	18.36	14.55	---	---	---	18.92	18.32	17.70	17.94
22	---	24.36	22.50	18.25	14.53	---	---	---	19.00	18.37	17.44	17.87
23	---	24.31	22.35	18.16	14.35	---	---	---	19.11	18.40	17.28	17.86
24	---	24.25	22.16	18.08	14.21	---	---	---	19.20	18.45	17.18	17.89
25	---	24.28	21.90	---	14.13	---	---	---	19.35	18.52	17.04	17.87
26	---	24.30	21.92	---	13.96	---	---	---	19.52	18.60	16.93	17.86
27	---	24.19	21.86	---	14.03	---	---	---	19.44	18.64	16.88	17.96
28	---	24.15	21.72	17.74	13.98	---	---	---	19.34	18.69	16.81	18.03
29	---	24.16	21.51	17.61	---	---	---	---	18.80	18.87	16.76	18.13
30	25.89	24.21	21.49	17.49	---	---	---	---	18.69	18.99	16.80	18.26
31	25.78	---	21.45	17.39	---	---	---	---	---	19.07	16.84	---
MEAN	25.72	24.66	22.99	19.21	15.42	12.91	---	---	18.50	18.33	18.31	17.68
MAX	25.89	25.73	24.22	21.27	17.25	13.78	---	---	19.52	19.07	19.39	18.26
MIN	25.54	24.15	21.45	17.39	13.96	12.61	---	---	17.61	17.85	16.76	16.86



GROUND-WATER LEVELS

SPARTANBURG COUNTY

345145081502900. Local number, SP-1581.

LOCATION.--Lat 34°51'45'', long 81°50'19'', Hydrologic Unit 03050107, Croft State Park, at campground pumphouse.

Owner: S.C. Department of Parks, Recreation, and Tourism.

AQUIFER.--Precambrian Mica Schist.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 225 ft, cased depth 54 ft, open hole from 54 to 225 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 605 ft above sea level. Measuring point: Top of casing, 0.55 ft above land-surface datum.

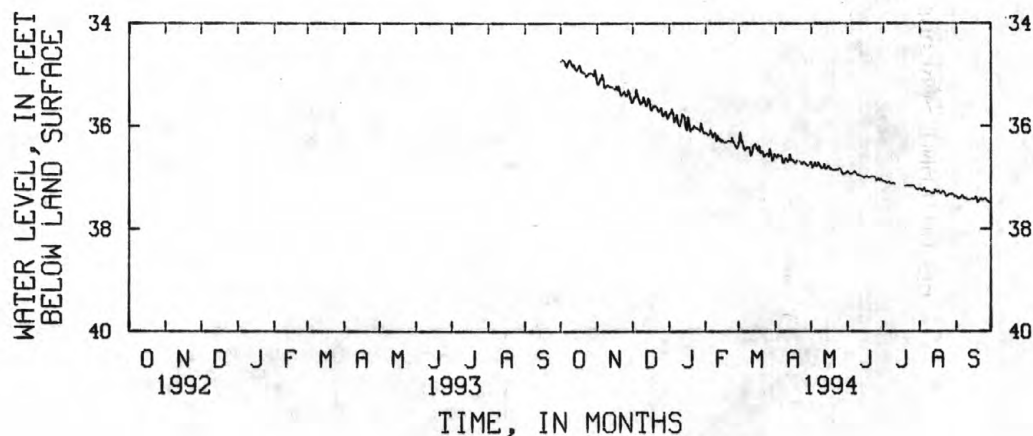
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--October 1993 to September 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.71 ft below land-surface datum, Oct. 2, 1993; lowest, 37.50 ft below land-surface datum, Sept. 30, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.74	35.18	35.52	35.77	36.13	36.32	36.59	36.70	36.88	37.07	37.22	37.37
2	34.71	35.18	35.45	35.74	36.15	36.12	36.61	36.80	36.91	37.08	37.23	37.40
3	34.72	35.10	35.43	35.67	36.18	36.31	36.56	36.77	36.94	37.09	37.26	37.40
4	34.72	35.08	35.29	35.75	36.15	36.30	36.58	36.72	36.93	37.11	37.23	37.40
5	34.80	35.00	35.41	35.92	36.08	36.42	36.58	36.77	36.93	37.10	37.21	37.38
6	34.85	35.08	35.48	35.86	36.15	36.47	36.57	36.77	36.90	37.09	37.27	37.35
7	34.78	35.24	35.57	35.78	36.22	36.43	36.71	36.72	36.89	37.11	37.27	37.39
8	34.72	35.25	35.53	35.92	36.15	36.41	36.71	36.76	36.91	37.13	37.27	37.41
9	34.72	35.21	35.55	35.99	36.13	36.42	36.65	36.80	36.96	37.12	37.28	37.40
10	34.79	35.20	35.44	35.99	36.29	36.42	36.63	36.82	36.96	37.11	37.29	37.43
11	34.84	35.23	35.52	35.89	36.19	36.57	36.69	36.81	36.96	37.13	37.30	37.43
12	34.80	35.23	35.60	35.77	36.26	36.53	36.66	36.75	36.98	---	37.31	37.44
13	34.88	35.24	35.58	35.78	36.24	36.39	36.56	36.83	36.98	---	37.30	37.43
14	34.91	35.24	35.46	35.84	36.30	36.36	36.66	36.83	36.99	---	37.25	37.42
15	34.91	35.26	35.50	36.03	36.27	36.34	36.66	36.79	37.01	---	37.28	37.42
16	34.85	35.29	35.66	36.08	36.31	36.43	36.68	36.79	36.99	---	37.28	37.43
17	34.81	35.23	35.70	35.82	36.31	36.47	36.71	36.84	36.98	---	37.26	37.38
18	34.92	35.29	35.61	35.98	36.31	36.38	36.72	36.82	37.00	---	37.30	37.41
19	34.95	35.22	35.63	36.09	36.31	36.51	36.68	36.85	37.00	37.17	37.30	37.48
20	34.95	35.32	35.60	36.05	36.29	36.52	---	36.86	37.00	37.17	37.28	37.46
21	34.96	35.40	35.62	36.05	36.29	36.49	36.68	36.86	36.99	37.16	37.27	37.43
22	35.03	35.38	35.69	36.00	36.31	36.59	36.70	36.85	36.99	37.16	37.31	37.41
23	35.02	35.34	35.72	36.02	36.23	36.57	36.74	36.85	36.99	37.17	37.36	37.43
24	34.99	35.32	35.68	36.04	36.30	36.54	36.71	36.85	36.99	37.16	37.36	37.44
25	34.97	35.41	35.64	36.05	36.33	36.53	36.70	36.83	37.06	37.16	37.34	37.41
26	34.97	35.40	35.79	36.06	36.38	36.59	36.73	36.84	37.05	37.16	37.33	37.42
27	34.97	35.30	35.80	36.10	36.43	36.45	36.76	36.91	37.02	37.16	37.33	37.46
28	34.99	35.36	35.75	35.95	36.40	36.56	36.77	36.94	37.06	37.20	37.32	37.46
29	35.03	35.45	35.71	36.06	---	36.67	36.76	36.93	37.03	37.23	37.32	37.49
30	34.91	35.54	35.84	36.12	---	36.64	36.72	36.93	37.06	37.24	37.37	37.50
31	35.06	---	35.85	36.14	---	36.55	---	36.90	---	37.23	37.36	---
MEAN	34.88	35.27	35.60	35.95	36.25	36.46	36.67	36.82	36.98	37.15	37.29	37.42
MAX	35.06	35.54	35.85	36.14	36.43	36.67	36.77	36.94	37.06	37.24	37.37	37.50
MIN	34.71	35.00	35.29	35.67	36.08	36.12	36.56	36.70	36.88	37.07	37.21	37.35



GROUND-WATER LEVELS

517

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 sea level. Measuring point: Top of platform, 0.75 ft above land-surface datum.

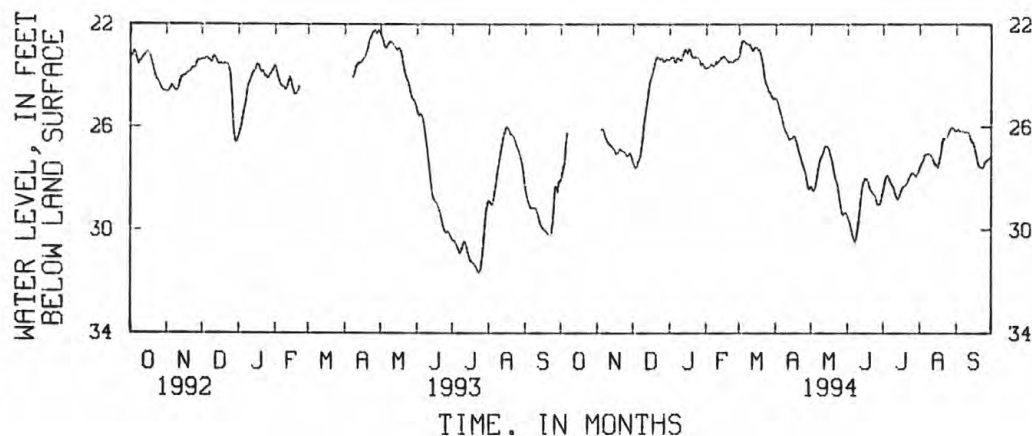
REMARKS.--Water-level affected by stage of Lake Wylie. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 18.46 ft below land-surface datum, Apr. 24, 1983; lowest, 31.67 ft below land-surface datum, July 24, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.09	---	27.39	23.35	23.71	23.23	24.88	28.33	29.51	28.41	27.57	26.15
2	27.79	---	27.53	23.29	23.70	22.89	24.97	28.44	29.64	28.16	27.47	26.08
3	27.57	---	27.60	23.29	23.67	22.69	25.09	28.49	29.80	27.98	27.37	26.14
4	27.43	26.14	27.56	23.26	23.60	22.63	25.29	28.37	30.00	27.88	27.28	26.16
5	26.59	26.08	27.37	23.45	23.55	22.65	25.47	28.18	30.24	27.90	27.11	26.18
6	26.26	26.12	27.28	23.45	23.60	22.71	25.63	27.90	30.37	28.05	27.07	26.16
7	---	26.32	27.11	23.33	23.63	22.73	25.86	27.61	30.47	28.14	27.05	26.19
8	---	26.46	26.81	23.31	23.57	22.74	26.06	27.33	30.35	28.23	27.03	26.21
9	---	26.56	26.43	23.38	23.45	22.82	26.17	27.21	30.09	28.32	27.05	26.18
10	---	26.62	25.94	23.39	23.52	22.75	26.23	27.11	29.67	28.42	27.09	26.20
11	---	26.69	25.58	23.36	23.44	22.92	26.34	26.99	29.23	28.58	27.14	26.22
12	---	26.72	25.27	23.19	23.40	23.03	26.49	26.80	28.78	28.73	27.27	26.32
13	---	26.78	24.96	23.05	23.30	22.97	26.46	26.74	28.42	28.82	27.39	26.47
14	---	26.83	24.57	22.96	23.30	22.90	26.48	26.75	28.16	28.78	27.46	26.58
15	---	26.90	24.25	23.05	23.26	22.88	26.42	26.76	28.04	28.65	27.48	26.59
16	---	27.02	24.09	23.13	23.24	22.91	26.34	26.87	28.00	28.50	27.58	26.75
17	---	27.03	23.97	22.97	23.31	23.00	26.39	27.05	28.04	28.38	27.42	26.98
18	---	27.01	23.73	22.98	23.36	22.97	26.52	27.23	28.15	28.32	27.21	27.17
19	---	26.91	23.54	23.19	23.45	23.13	26.70	27.47	28.33	28.30	26.94	27.39
20	---	26.87	23.39	23.27	23.46	23.37	26.89	27.72	28.44	28.25	26.59	27.51
21	---	26.92	23.28	23.29	23.43	23.63	27.05	27.96	28.50	28.19	26.45	27.56
22	---	26.93	23.32	23.28	23.47	24.02	27.18	28.12	28.58	28.09	26.45	27.58
23	---	26.97	23.34	23.27	23.49	24.26	27.40	28.27	28.63	27.98	---	27.60
24	---	26.99	23.38	23.28	23.42	24.37	27.52	28.56	28.70	27.88	26.38	27.55
25	---	27.08	23.32	23.32	23.39	24.46	27.62	28.87	28.87	27.79	26.27	27.39
26	---	27.16	23.41	23.39	23.33	24.63	27.83	29.15	29.01	27.78	26.15	27.33
27	---	27.09	23.44	23.57	23.37	24.66	28.09	29.36	29.00	27.82	26.07	27.29
28	---	27.00	23.42	23.51	23.32	24.79	28.30	29.44	29.04	27.90	26.01	27.25
29	---	27.09	23.34	23.55	---	24.86	28.41	29.36	28.86	27.90	26.03	27.21
30	---	27.26	23.38	23.64	---	24.92	28.37	29.34	28.63	27.82	26.11	27.16
31	---	---	23.40	23.69	---	24.88	---	29.39	---	27.70	26.15	---
MEAN	27.29	26.80	24.88	23.30	23.45	23.46	26.61	27.97	29.05	28.18	26.89	26.78
MAX	28.09	27.26	27.60	23.69	23.71	24.92	28.41	29.44	30.47	28.82	27.58	27.60
MIN	26.26	26.08	23.28	22.96	23.24	22.63	24.88	26.74	28.00	27.70	26.01	26.08



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