Water Resources Data South Carolina Water Year 1985

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-85-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

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by C.S. Bennett, R.D. Hayes, J.W. Gissendanner, and K.H. Jones

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UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on the water program in South Carolina write to
District Chief, Water Resources Division
U.S. Geological Survey
1835 Assembly Street
Columbia, South Carolina 29201

1986

PREFACE

This volume of the annual hydrologic data report of South Carolina is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- 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 R. N. Cherry, District Chief, South Carolina.

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16. Abstract (Limit: 200 words)

Water resources data for the 1985 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels of ground-water wells. This volume contains records for water discharge at 98 gaging stations, stage only at 5 gaging stations, stage and contents at 12 lakes and reservoirs, water quality at 54 gaging stations, and water levels at 61 observation wells. Also included are data for 40 crest-stage partial-record stations. Locations of these sites are shown on figures 3, 4, 5, and 6. Additional water data were collected at various sites not involved in the systematic data-collection program. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

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ILLUSTRATIONS

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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1985

INTRODUCTION

Water resources data for the 1985 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 98 gaging stations; stage-only records for 5 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 54 gaging stations; and water levels for 61 observation wells. Also included are data for 40 crest-stage partial-record stations. 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-85-1." 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.

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 803/765-5966.

COOPERATION

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

South Carolina Water Resources Commission, A. H. Vang, Executive Director
South Carolina Public Service Authority, W. C. Mescher, General Manager
South Carolina Department of Highways and Public Transportation, P. W. Cobb, Chief Highway Commissioner
South Carolina Department of Health and Environmental Control, R. S. Jackson, Commissioner
City of Charleston, J. R. Bettis, Manager of Commission of Public Works
City of Spartanburg, L. D. Cantrell, Chairman of Commissioners of Public Works
City of Myrtle Beach, Richard Marvin, City Manager

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, U.S. Department of Interior

The following organizations aided in collecting records:

Bowater-Carolina Corporation
Caro-Knit, Inc.
Carolina Power and Light Company
Duke Power Company
Milliken Corporation
Platt-Saco-Lowell Corporation
South Carolina Electric and Gas Company
Cooper River Water Users Association

SUMMARY OF HYDROLOGIC CONDITIONS

The total rainfall throughout South Carolina for the 1985 water year was below normal, and the distribution of rainfall produced slightly below average streamflow during most periods of the year. The Piedmont province, which covers the upper 35 percent of the State above the "Fall Line" is very sensitive to precipitation due to the geology and topography of the area. Rainfall in the Spartanburg area was about 15% below normal and produced streamflow above the computed 7-day, 10-year minimum discharge in the Piedmont area as shown in the following table:

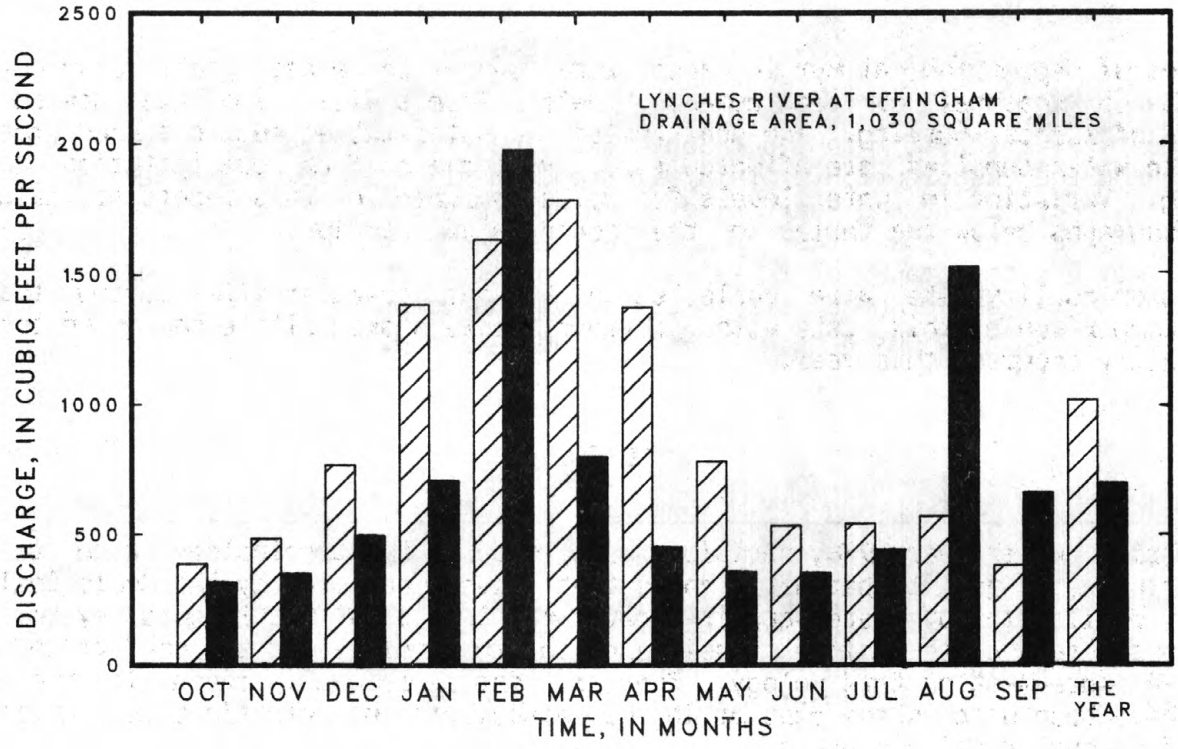
Station	Drainage area (square mile)	Minimum mean daily discharge (cubic foot per second)	$7Q_{10}$ discharge (cubic foot per second)
Piedmont			
02155500 Pacolet River near Fingerville	212	71	61
02163500 Saluda River near Ware Shoals	581	226	190
Inner Coastal Plain			
02135300 Scape Ore Swamp near Bishopville	96.0	11.0	6.7
Lower Coastal Plain			
02136000 Black River at Kingstree	1,252	37	5.7
02176500 Coosawhatchie River near Hampton	203	0.50	0.03

Low-flow conditions in the Inner and Lower Coastal Plain provinces were also above normal as shown by the preceding table. Rainfall in these provinces ranged from 26 percent below normal at Columbia to 17 percent below normal in Charleston. Figure 1 on page 4 shows a comparison of monthly and yearly mean discharges during the 1985 water year with the median of monthly and yearly mean discharges for the periods listed for two index stations in these areas.

Flood conditions in the State were generally nonexistent during the water year. Peaks were recorded during various months due to the erratic precipitation which occurred this year.

Ground-water levels, like streamflow, strongly reflected climatic conditions. In the Piedmont, ground water occurs in the fault and fracture system of the crystalline rock and in places in the shallow material overlying the hard rock. Water levels in the area quickly reflect the amount of precipitation received. During the 1984 water year, precipitation in the South Carolina Piedmont was lower than normal.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this portion of the State, and in areas of heavy withdrawal of ground water by pumping from the artesian aquifers, a reduction of the pressure head has caused the water level to decline. This decline persists in areas where there is continual pumping on a year-round basis. Ground-water levels in the Black Creek aquifer in the North Myrtle area continues to show a decline during the water year. Water levels at the center of



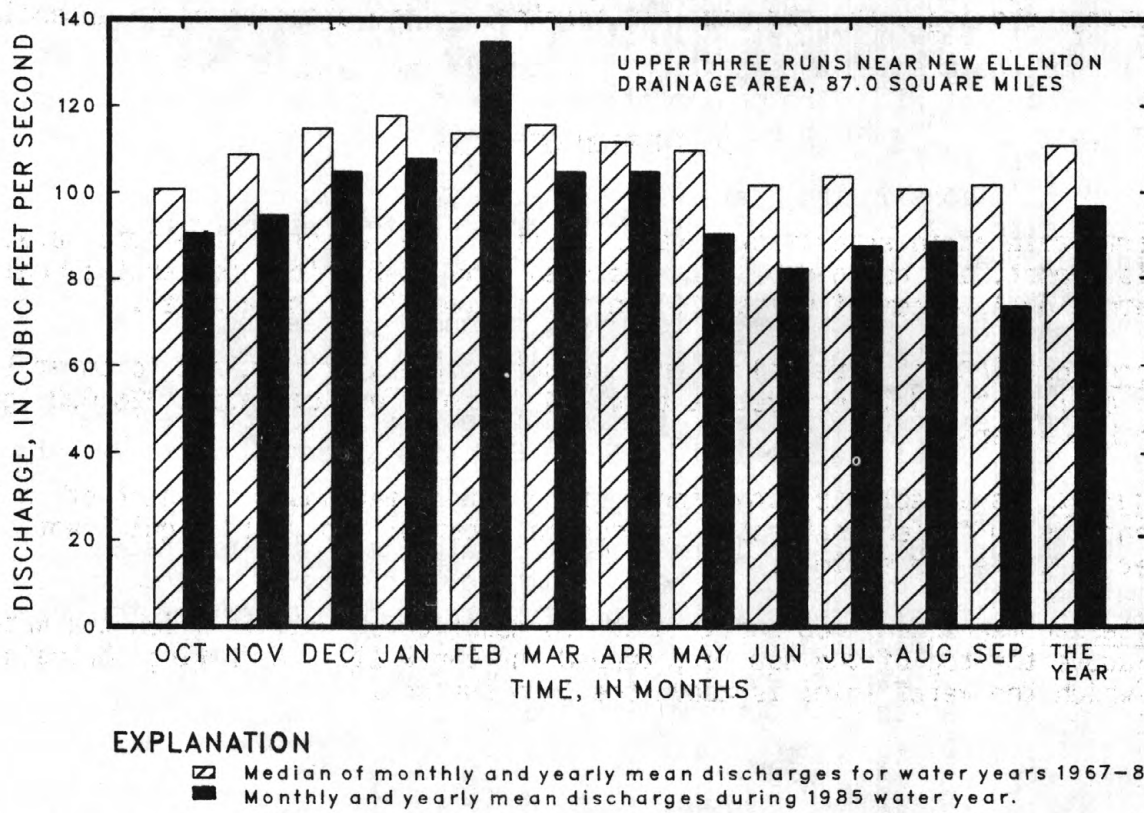


Figure 1.--Comparison of discharge at two long-term representative gaging stations during 1985 water year with median discharges.

the cone of depression at Myrtle Beach were lower. In areas where heavy pumping is subject to seasonal or peak demands, water levels will fluctuate upward during periods of lighter pumping. The nonartesian or water-table aquifers used mostly for domestic water supplies are affected more by recharge from precipitation than from pumping. Variation in water levels for wells included in this report are illustrated by hydrographs below the tables in the ground-water section.

Water-quality data were collected at 54 surface-water sites during this water year Comparison of this data with previous years showed little change in the chemical quality occurred this year.

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 ± 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

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

Fecal streptococcal bacteria are bacteria found also in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C ± 1.0°C on M-enterrococcus 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^3).

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

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

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

Bottom material: See Bed material.

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

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

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

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

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

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

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

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

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

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meters (m^2), acres, or hectares. Periphyton benthic organisms, and macrophytes are expressed in these terms.

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

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

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

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

The classification is as follows:

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

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

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

Picocurie (PC, pCi) is one trillionth ($1x10^{-12}$) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields $3.7x10^{-10}$ radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

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

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

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

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

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

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

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

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

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

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

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

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos 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 (micromhos). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

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

Substrate is the physical surface upon which an organism lived.

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

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

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

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by analytical portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

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

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

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

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

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

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

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

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

Water year in the Geological Survey reports is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ended September 30, 1985, is called the "1985 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 indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for 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-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-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

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

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

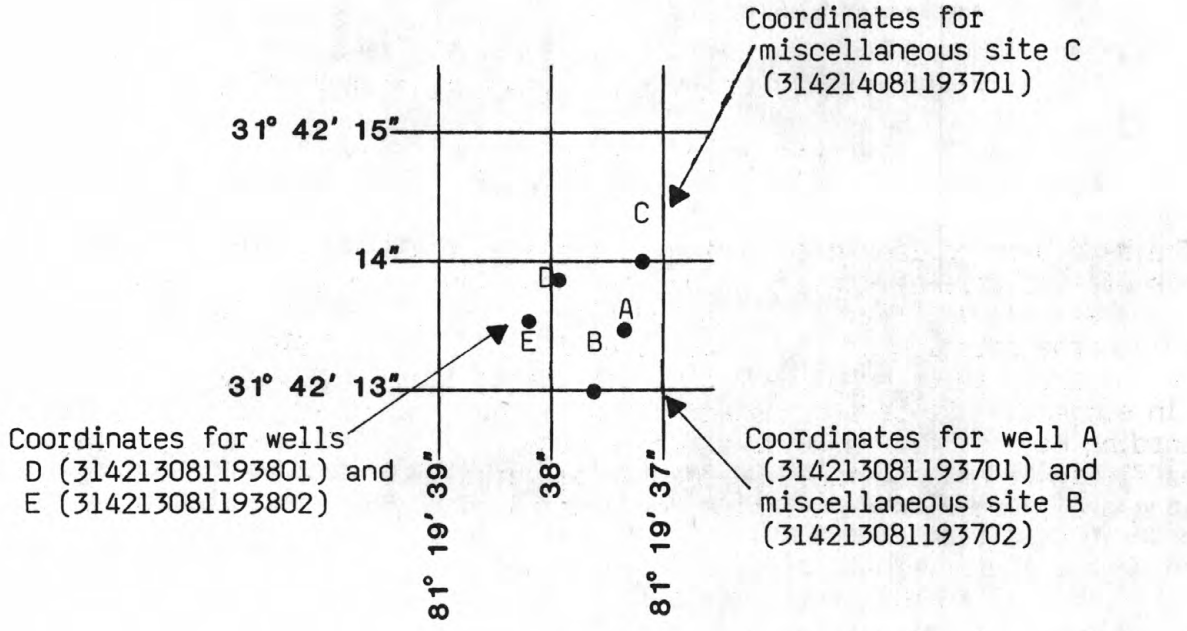


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

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

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

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

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The data base collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs (fig. 3). 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 or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the

Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

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

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

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

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

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

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents

or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations and for some reservoir stations. Records are published for the water year, which begins on October 1 and ends on September 30.

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

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964 to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revision, the fact is brought out by notations 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 revised figures was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

Under "GAGE" are given the type of gage currently in use; the datum of the present gage referred to National Geodetic Vertical Datum; and a condensed history of the types, locations, and datums of previous gages used during the period of record. National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow of the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance.

"EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at crest-stage partial-record stations follow the information for continuous record sites (fig. 5). Annual maximum stage and discharge is listed for each of these stations.

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 measurments, 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.

ACCESS TO WATSTORE DATA

The National WATer Data STOrage and REtrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from each of the Water Resources Division's district offices (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

Surface water samples for analyses usually are collected at or near gaging stations (fig. 4). The quality-of-water records are given immediately following the discharge records at these stations.

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

Revisions

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

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

Water analysis

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

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

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

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches 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.

Water temperature

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

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

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the

cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included.

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 6). 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 equiped with a digital tape recorder which automatically punches the depth to water in a well hourly. The recorders are checked periodically and the depth to water verified by tape measurements. Mechanical failures or other causes will interrupt the record or cause false values to be recorded which must be corrected. The blank spaces in the hydrographs are the results of such loss of record.

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

Water-level measurements in this report are given in feet with reference to either National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum of 1929 is the datum plane on which the national network of precise levels is based; land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical Datum of 1929 is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description.

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

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 Distribution, 604 South Pickett St., Alexandria, VA 22304 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

1-D1. *Water temperature--influential factors, field measurement, and data presentation,* by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.

1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents,* by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

2-D1. *Application of surface geophysics to ground-water investigations,* by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.

2-E1. *Application of borehole geophysics to water-resources investigations,* by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.

3-A1. *General field and office procedures for indirect discharge measurements,* by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

3-A2. *Measurement of peak discharge by the slope-area method,* by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.

3-A3. *Measurement of peak discharge at culverts by indirect methods,* by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.

3-A4. *Measurement of peak discharge at width contractions by indirect methods,* by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 Pages.

3-A5. *Measurement of peak discharge at dams by indirect methods,* by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.

3-A6. *General procedure for gaging streams,* by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.

3-A7. *Stage measurements at gaging stations,* by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.

3-A8. *Discharge measurements at gaging stations,* by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.

3-A9. *Measurement of time of travel and dispersion in streams by dye tracing,* by E. F. Hubbard, F. A. Kilpatrick, L. A. Martens, and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1982. 44 pages.

3-A10. *Discharge ratings at gaging stations,* by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.

3-A11. *Measurement of discharge by moving-boat method,* by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 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-B1. *Aquifer-test design, observation, and data analysis,* by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.

3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction,* by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.

3-B3. *Type curves for selected problems of flow to wells in confined aquifers,* by J. E. Reed: USGS-TWRI Book 3, Chapter B3. 1980. 106 pages.

3-C1. *Fluvial sediment concepts* by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.

3-C2. *Field methods for measurement of fluvial sediment*. by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.

3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.

4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.

4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.

4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.

4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.

4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.

4-D1. *Computation of rate and volume of stream depletion by wells* by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.

5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*. by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 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*. edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.

5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.

5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sedments*, 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.

7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.

7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.

7-C3. *A model for simulation of flow in singular and interconnected channels*. by R. W. Schaffrannek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.

8-A1. *Methods of measuring water levels in deep wells*. by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages

8-A2. *Installation and service manual for U.S. Geological Survey manometers* by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.

8-B2. *Calibration and maintenance of vertical-axis type current meters*. by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

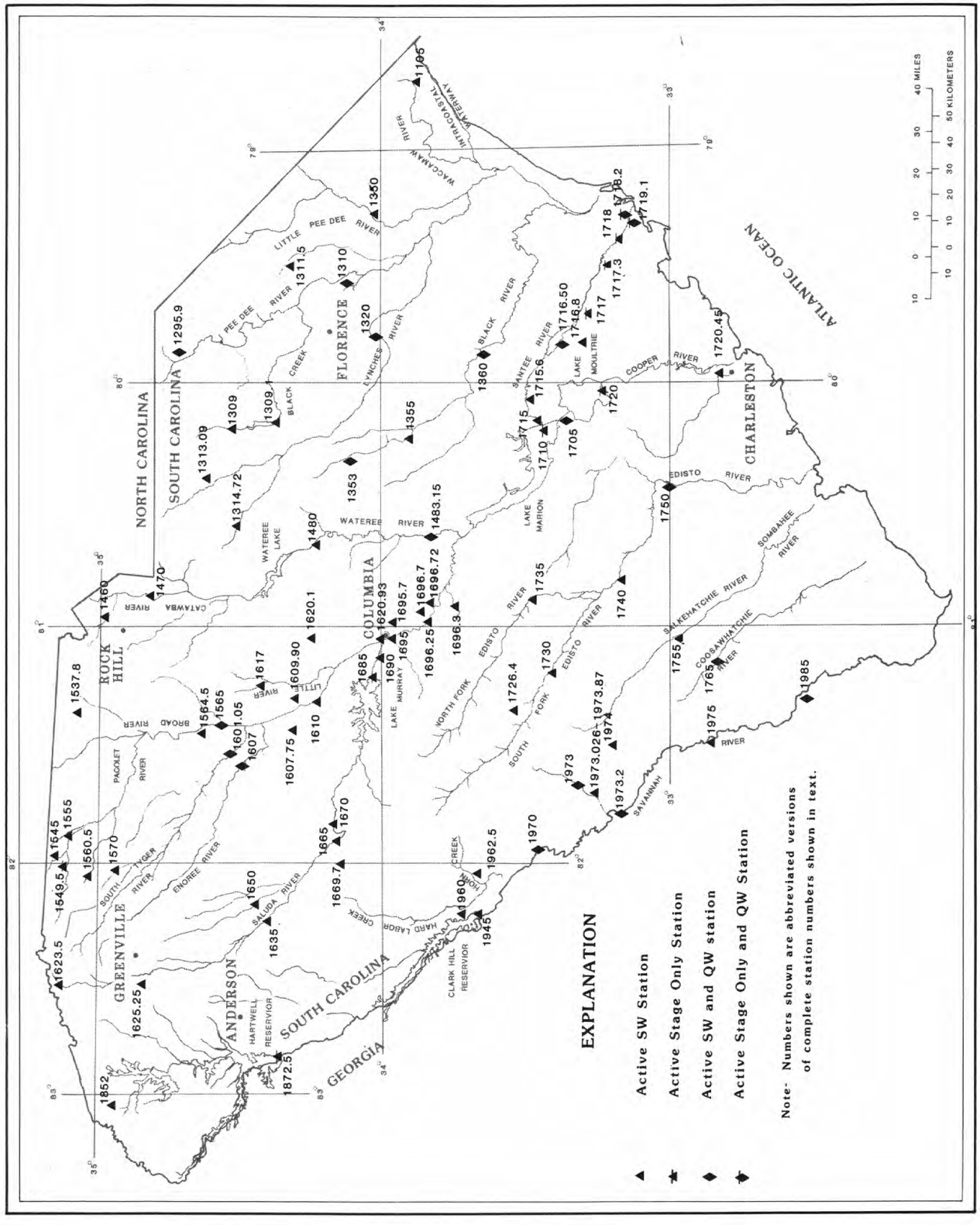


Figure 3.--Location of streamflow gaging stations, and reservoir or lake gaging stations.

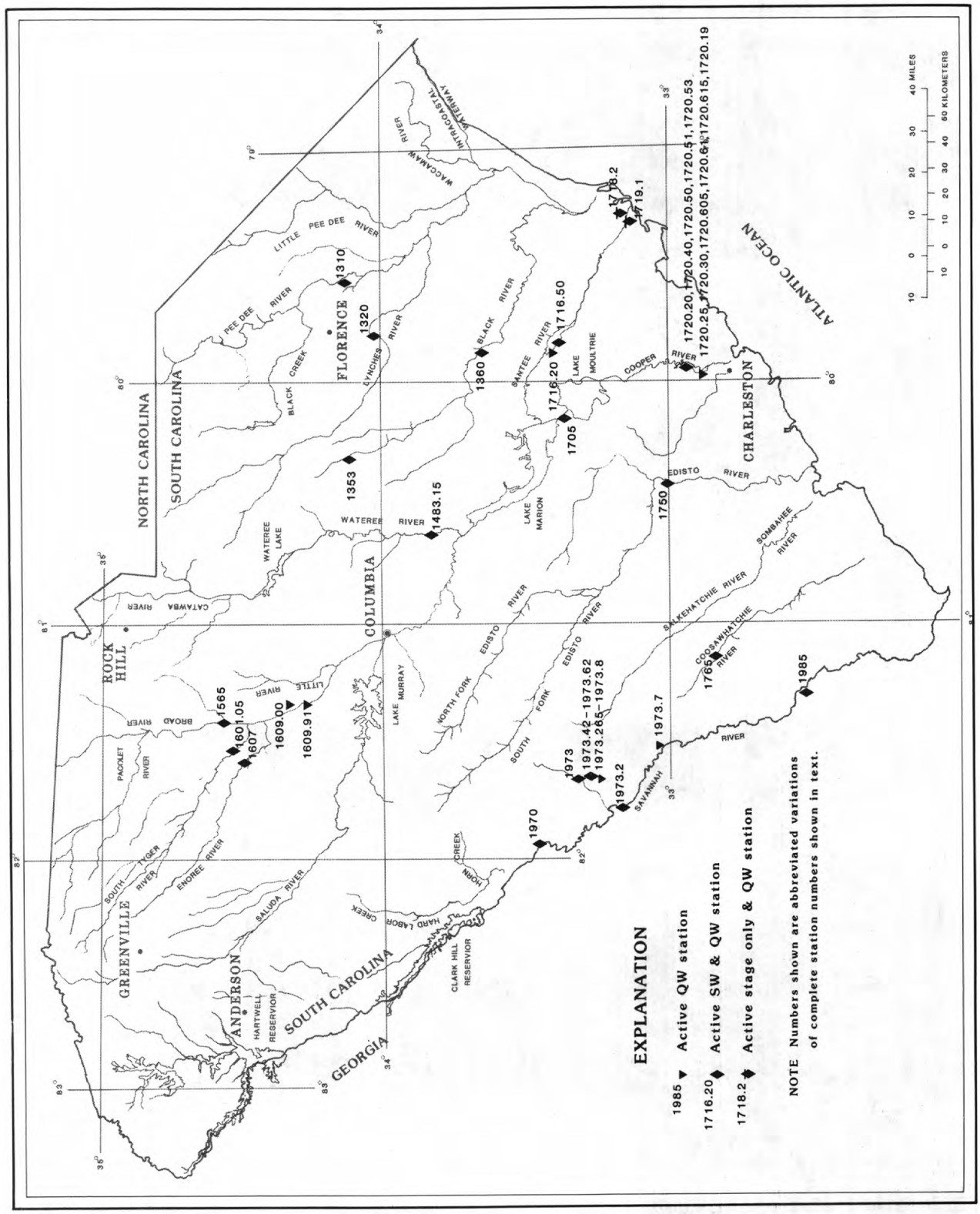


Figure 4.--Location of water-quality stations.

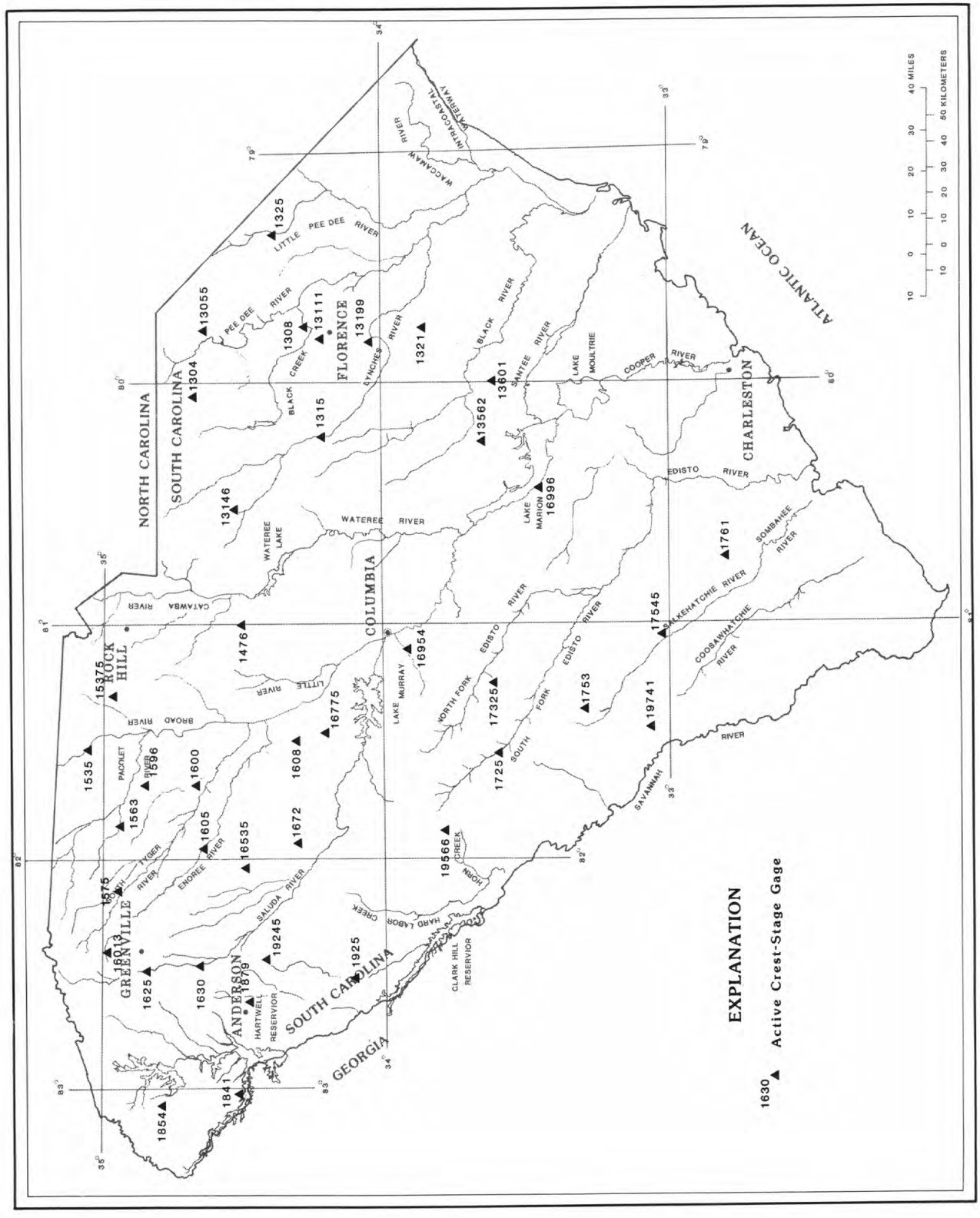


Figure 5.--Location of crest-stage stations.

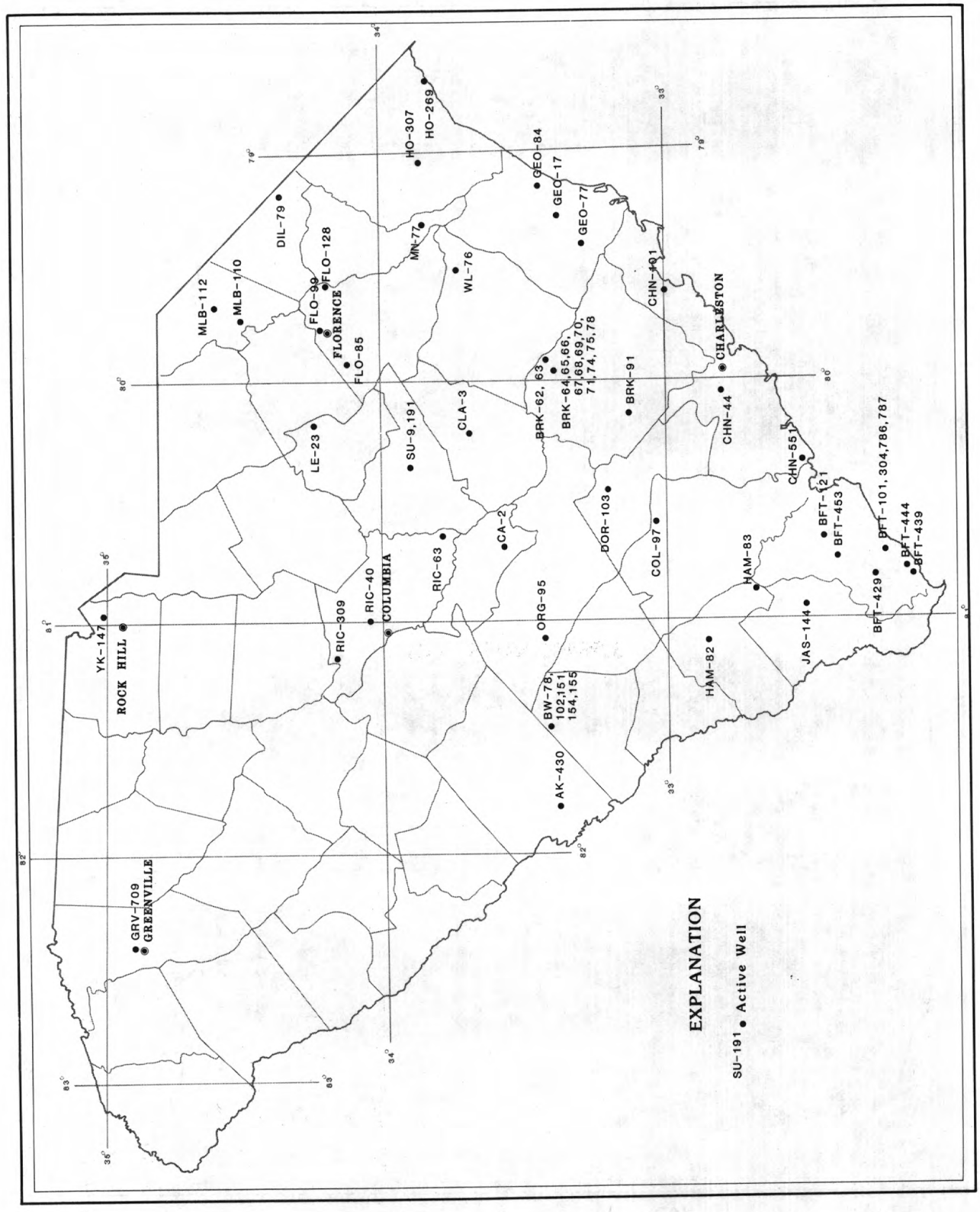


Figure 6.--Location of ground-water wells.

SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

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

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

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

GAGE.--Water-stage recorder. Datum of gage is 5.28 ft above National Geodetic Vertical datum of 1929 (levels of Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--35 years, 1,222 ft^3/s, 14.95 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,200 ft^3/s Aug. 23, 1981, gage height, 14.87 ft; minimum, 1.0 ft^3/s, Oct. 14, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,250 ft^3/s, Feb. 21, gage height, 11.31 ft; minimum, 34 ft^3/s, July 17, gage height, 0.71 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2900	303	119	152	332	2940	721	91	139	146	1720	849
2	2830	288	119	159	356	2750	684	82	132	176	1870	897
3	2740	272	134	168	403	2560	645	79	125	111	1950	926
4	2620	264	140	192	434	2370	607	76	119	79	1940	968
5	2460	273	142	210	507	2210	574	71	111	86	1890	1020
6	2310	268	148	228	966	2070	539	66	113	108	1790	1060
7	2150	257	151	252	1180	1930	498	64	130	135	1670	1050
8	2010	245	153	275	1300	1810	457	62	129	139	1590	1010
9	1870	234	157	295	1460	1710	416	61	132	124	1520	939
10	1730	223	160	313	1670	1630	379	64	139	101	1440	850
11	1630	214	161	331	1960	1560	348	62	141	82	1330	769
12	1520	203	161	344	2880	1480	317	59	138	71	1230	795
13	1430	191	157	353	3280	1410	287	58	129	62	1150	703
14	1330	181	154	359	3440	1340	266	57	121	51	1090	597
15	1240	173	151	362	3580	1270	249	56	113	44	1020	507
16	1150	166	147	359	3700	1200	236	54	116	38	948	429
17	1060	160	143	357	3810	1160	242	54	115	37	877	370
18	974	152	139	360	3940	1120	222	56	106	44	812	325
19	886	149	135	361	4030	1050	205	64	98	43	731	285
20	800	147	132	363	4160	982	196	72	90	50	639	251
21	718	142	130	364	4220	926	190	78	83	61	589	217
22	642	139	129	367	4170	909	185	79	76	75	804	192
23	586	135	125	367	4040	910	176	81	69	90	785	168
24	542	133	122	364	3880	893	166	92	65	98	773	150
25	499	130	120	359	3720	871	153	107	59	307	770	133
26	460	126	117	351	3530	854	140	128	52	563	786	119
27	425	123	118	341	3340	836	128	140	50	567	769	111
28	394	121	122	334	3150	819	117	139	45	584	743	100
29	372	122	128	329	---	799	110	127	41	942	721	91
30	350	121	136	324	---	776	99	177	127	1320	724	85
31	325	---	144	325	---	751	---	153	---	1480	802	---
TOTAL	40953	5655	4294	9618	73438	43896	9552	2609	3103	7814	35473	15966
MEAN	1321	189	139	310	2623	1416	318	84.2	103	252	1144	532
MAX	2900	303	161	367	4220	2940	721	177	141	1480	1950	1060
MIN	325	121	117	152	332	751	99	54	41	37	589	85

CAL YR 1984	TOTAL	419075	MEAN	1145	MAX	4750	MIN	38
WTR YR 1985	TOTAL	252371	MEAN	691	MAX	4220	MIN	37

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°50'34", long 79°00'18", Horry County, Hydrologic Unit 030402065, on right bank at Vereens Marina, 6.5 mi upstream from the junction of Little River Inlet and at mile 348.2.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 64,200 microsiemens Sept. 25, 1984; minimum, less than 100 microsiemens many days 1984 and 1985 water year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 46,500 microsiemens May 4; minimum, less than 100 microsiemens several days Oct., Feb., Aug. and Sept.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13200	<100	3050	20400	200	8080	17900	200	6980	---	---	---
2	16200	<100	1530	17700	200	6320	19200	300	7920	21300	---	9710
3	15100	<100	3090	19300	200	7280	17100	200	5750	26200	400	13000
4	9000	100	1820	22700	700	10100	14800	200	5970	34800	700	15400
5	8400	100	1920	15200	200	4920	24300	300	10500	18200	300	6230
6	14000	100	2850	12800	200	4360	22100	300	6000	32300	400	11800
7	13100	200	3820	17000	300	6160	23300	200	7290	25700	300	6370
8	8800	200	2850	21500	300	7710	25600	400	7840	22800	300	5590
9	8200	100	2320	23300	300	8680	23400	300	6120	26200	300	6900
10	6900	100	1990	21500	300	8130	22700	300	5780	23400	300	6640
11	10900	200	2750	19400	200	5640	20200	200	5520	10600	300	2340
12	12200	200	2990	22200	200	5380	24700	300	7480	8100	200	2170
13	11900	200	2760	18600	300	5140	18500	300	5860	8000	300	2540
14	19400	200	4760	22400	300	6710	11900	200	3500	8500	200	1650
15	24700	200	9430	23700	300	9120	15600	300	4540	2400	200	854
16	22000	300	9150	18300	300	6900	16700	300	6370	19600	300	6080
17	14700	200	3940	23500	300	8000	19300	300	6690	31600	300	8160
18	14900	200	3560	22300	400	10000	20900	300	7110	28900	300	8840
19	16500	200	5310	21900	300	8430	25900	300	8610	27400	300	6950
20	17900	200	6230	32500	300	15400	30400	300	11500	25700	300	5690
21	20200	300	7760	38700	1600	20400	37900	400	14800	23600	300	5310
22	21900	300	9270	42800	2200	23100	35400	400	11600	17700	300	4680
23	26800	300	10700	43700	3100	24100	34800	300	13300	26600	300	6530
24	31400	300	12800	41000	1200	19200	35300	600	13900	19600	200	4320
25	36500	600	17200	31900	500	11600	21800	300	6630	16900	200	3970
26	38500	1400	20100	26900	400	8580	24900	300	7430	9700	200	2160
27	33300	700	14900	24100	300	8220	---	---	---	17400	300	6430
28	26900	300	8940	27000	400	10500	---	---	---	19200	300	7550
29	16500	200	4560	21500	200	6380	---	---	---	21100	300	8050
30	16100	200	3930	22200	400	9280	---	---	---	21600	300	7010
31	18600	200	6120	---	---	---	---	---	---	20100	200	5020
MONTH	38500	<100	6210	43700	200	9790	37900	200	7880	34800	200	6260

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17500	200	5800	3600	100	593	12100	200	3370	23700	300	10500
2	20300	200	5900	1200	100	242	21500	100	6020	32500	400	12000
3	23000	200	8040	1000	100	284	28200	400	12300	36000	800	15000
4	25900	300	8410	1900	100	424	30200	300	10800	46500	2500	22200
5	24800	300	6880	1000	100	269	34300	300	12500	45800	4000	25900
6	11000	200	2200	5900	100	1120	29600	200	9810	44100	1100	21900
7	9500	200	1570	8200	100	1520	30200	300	9660	43200	800	18600
8	3400	200	848	2500	100	757	28500	200	9040	41300	2600	21300
9	2600	200	681	7500	100	781	30600	200	8020	42400	2000	21700
10	2300	200	751	6600	100	891	27800	300	9170	32900	400	12000
11	4100	100	867	3100	100	657	24900	200	7480	24700	500	10400
12	19600	200	3150	8800	100	929	18300	200	4590	23700	400	9890
13	800	100	299	6500	100	951	15400	200	5660	22000	300	9150
14	700	100	278	7800	100	1200	21100	300	8450	23700	400	10700
15	700	100	264	4700	100	1040	19400	300	6640	29000	600	13000
16	500	100	228	6200	100	1430	16000	200	6100	30800	1700	16100
17	400	100	199	8500	100	1830	23000	300	8200	27300	700	14000
18	200	100	174	7700	100	1330	17800	300	8110	28000	200	9280
19	200	100	157	8300	100	2200	13200	200	4360	25700	200	9100
20	200	100	157	9100	200	2510	17200	200	3730	19900	300	6740
21	200	100	155	17800	200	4070	19500	200	4820	22900	200	5150
22	200	100	132	13900	200	5210	21600	200	6040	22600	200	5900
23	200	100	129	7200	100	1880	24300	300	6630	19400	200	4790
24	200	100	124	7300	100	1620	24500	400	9250	19500	200	5100
25	200	<100	128	15800	200	3380	27800	300	9560	20100	300	6940
26	200	100	127	16400	200	4260	23500	700	10500	25600	300	9160
27	200	100	131	13800	100	2690	26400	300	9240	19100	200	6790
28	600	100	194	8700	100	1540	21700	700	8950	16200	200	6150
29	---	---	---	9500	100	2070	31000	1300	17800	21000	200	6670
30	---	---	---	9500	100	2690	32500	1300	18100	35400	500	14400
31	---	---	---	14300	100	4180	---	---	---	33300	300	12400
MONTH	25900	<100	1710	17800	100	1760	34300	100	8500	46500	200	12000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	33800	200	9570	38600	400	14200	8000	100	1450	700	100	223
2	36600	400	12000	40400	500	15300	24900	100	2830	400	100	132
3	39700	400	15000	40200	700	17100	23700	200	4590	200	<100	117
4	37400	700	17000	39100	900	17800	11800	100	2030	200	<100	106
5	37200	600	16300	37800	600	15400	6600	100	981	300	<100	120
6	36800	400	13900	31500	400	10900	2900	100	542	500	<100	157
7	28500	800	13000	25000	300	8290	1200	100	306	1200	<100	219
8	30800	300	10100	23000	400	10400	1900	100	325	6300	<100	880
9	23700	300	8220	26600	700	13400	200	100	163	5100	<100	928
10	19800	200	6880	25600	400	12700	2700	100	307	4600	<100	638
11	15000	100	5550	28600	400	12800	4900	100	719	7200	<100	933
12	12000	100	3840	27700	500	13900	5100	<100	753	14600	100	2870
13	21200	200	5750	26800	400	12300	3900	100	534	7900	100	1610
14	20300	200	5950	23400	500	10500	8600	<100	990	12300	100	1740
15	16200	200	4280	30600	300	10000	13500	100	1680	12700	100	3500
16	12900	200	2510	33200	400	12000	16700	100	2600	13300	100	3530
17	23400	100	4760	38700	1100	16100	22600	200	4310	17100	100	3550
18	21700	200	6140	38800	2400	19600	17200	200	5440	15600	100	3100
19	29100	200	7320	35600	900	17000	17000	200	5440	19400	100	4260
20	29100	300	10200	32700	400	12700	21100	200	6140	20000	100	4590
21	30800	400	10200	32300	300	10800	16200	100	4720	22000	100	5990
22	29400	400	10500	28800	300	9260	14600	100	3520	20900	100	5940
23	27600	300	9810	24700	300	10100	16400	100	3040	19800	100	5470
24	24900	400	9630	30300	500	13800	14800	100	2510	25800	200	7920
25	23000	300	8900	29400	200	8760	11400	100	1960	32600	300	12900
26	29000	300	11000	8500	100	1480	9700	100	1310	31200	2100	16700
27	41300	8300	25500	15400	100	2590	10500	100	1430	23200	200	8580
28	41400	3400	23400	20100	100	3720	11400	100	1540	17800	200	4750
29	42900	1000	20500	13000	100	2260	10300	100	1700	19000	200	6600
30	36800	500	16600	13300	100	1890	3100	100	684	17400	200	5830
31	---	---	---	14000	100	2030	900	100	214	---	---	---
MONTH	42900	100	10800	40400	100	10900	24900	<100	2090	32600	<100	3800
YEAR	46500	<100	6830									

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°47'54", long 78°45'12", Horry County, Hydrologic Unit 03040206, on right bank 100 ft upstream from Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at mile 354.1.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 9930 microsiemens Oct. 7, 1983; minimum, 70 microsiemens several days each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 9200 microsiemens June 27; minimum, 70 microsiemens several days in Feb. and Mar.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	120	90	108	150	110	128	140	110	125	180	120	139
2	110	80	98	170	110	133	140	110	124	170	120	140
3	110	90	94	160	110	134	140	110	123	290	120	153
4	100	80	94	160	110	130	140	100	119	790	120	196
5	110	80	96	150	100	126	240	100	133	150	110	128
6	110	80	97	140	100	115	150	100	121	560	110	165
7	110	80	98	130	90	108	160	90	116	170	110	127
8	110	90	98	150	90	111	300	100	130	160	110	121
9	110	90	96	550	90	202	310	100	128	190	110	118
10	110	80	97	560	100	124	190	100	126	140	100	111
11	110	90	99	140	100	116	170	110	123	120	100	106
12	120	90	100	170	100	113	300	100	135	120	100	105
13	110	90	97	140	90	109	150	110	119	120	100	106
14	110	80	97	230	90	117	140	100	116	110	90	101
15	170	90	108	220	90	120	140	100	116	100	80	94
16	140	90	112	130	100	116	140	110	120	110	80	97
17	120	90	105	180	100	118	170	110	127	500	100	146
18	110	80	99	170	100	127	190	110	131	240	100	117
19	120	90	104	160	110	128	290	110	141	180	100	118
20	130	90	109	790	110	249	660	110	187	200	100	119
21	170	100	115	970	120	---	2120	120	269	160	100	117
22	160	100	123	4710	130	---	890	120	209	150	120	134
23	250	110	143	8840	140	1190	950	120	230	230	110	138
24	620	110	187	3850	130	474	780	120	204	130	100	120
25	2290	120	414	540	110	184	170	120	139	140	110	122
26	5160	130	705	330	110	150	310	120	143	130	100	115
27	930	130	268	280	110	138	150	120	130	150	110	127
28	350	110	158	290	110	145	140	110	124	140	110	129
29	150	100	126	150	100	122	140	110	127	140	110	125
30	150	110	131	160	110	129	140	110	127	140	110	123
31	160	100	127	---	---	---	150	120	131	140	110	124
MONTH	5160	80	145	8840	90	184	2120	90	142	790	80	125

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	140	110	121	410	70	113	120	90	105	230	140	166
2	150	110	121	90	70	82	160	90	114	670	130	202
3	240	110	128	90	70	82	470	100	151	990	130	226
4	180	100	121	90	80	85	490	110	151	8860	120	543
5	180	100	120	90	80	85	600	110	167	8740	170	---
6	130	100	114	100	80	86	440	110	144	8970	160	927
7	130	100	115	100	80	89	330	100	138	5680	160	695
8	130	100	113	100	80	92	520	100	153	3720	160	675
9	130	90	111	110	80	92	390	100	134	8240	160	1020
10	110	90	98	100	80	89	360	110	137	770	140	257
11	150	90	103	100	80	91	190	110	130	310	140	184
12	160	100	112	100	80	91	150	100	124	220	140	171
13	120	90	107	110	80	97	150	110	125	200	140	164
14	110	90	97	120	100	113	180	110	134	240	130	171
15	100	80	95	120	90	104	150	110	128	700	150	222
16	100	80	89	110	90	98	150	110	128	680	150	251
17	100	80	88	110	90	97	320	110	146	280	150	195
18	90	80	87	110	90	94	160	120	137	400	140	177
19	100	80	86	120	80	101	160	120	134	280	140	168
20	90	70	83	120	90	104	160	110	134	220	140	160
21	90	70	81	140	90	109	160	120	130	200	130	148
22	90	70	81	130	100	108	170	120	134	200	130	143
23	90	80	82	120	90	107	190	110	135	200	120	140
24	90	80	83	120	90	104	270	120	148	170	120	137
25	90	70	82	110	90	100	430	120	164	190	120	141
26	330	80	110	120	90	106	250	130	152	400	130	165
27	300	80	102	120	100	110	210	130	151	180	130	148
28	90	70	83	120	90	101	200	130	150	170	130	147
29	---	---	---	110	90	98	870	130	226	220	130	153
30	---	---	---	110	90	101	980	140	230	1120	130	272
31	---	---	---	120	90	105	---	---	---	450	140	188
MONTH	330	70	100	410	70	98	980	90	144	8970	120	279

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	650	140	198	1390	160	309	160	140	150	110	90	103
2	2270	140	320	3280	160	414	170	130	141	110	90	99
3	5230	150	505	2880	170	428	180	130	147	180	90	125
4	4090	160	533	2740	170	438	---	---	---	180	80	109
5	3290	160	455	2490	160	392	---	---	---	110	80	99
6	2430	150	361	660	160	232	---	---	---	120	90	101
7	500	150	209	270	160	186	---	---	---	140	90	111
8	360	140	188	250	150	188	---	---	---	130	90	110
9	210	140	165	280	150	197	---	---	---	120	90	108
10	180	140	156	250	150	186	---	---	---	120	100	105
11	170	130	148	290	150	184	---	---	---	120	90	105
12	160	130	140	310	150	191	110	90	102	120	100	110
13	170	120	136	320	150	179	110	90	96	120	90	101
14	160	120	134	260	140	168	120	90	104	110	80	99
15	150	120	131	710	140	211	130	100	108	140	90	108
16	150	120	127	1240	150	264	130	100	115	140	100	122
17	220	120	141	4430	150	486	160	110	122	120	90	110
18	220	130	146	2900	170	481	160	110	130	140	100	115
19	480	130	164	1980	170	341	140	110	124	140	110	128
20	540	140	181	800	160	233	150	110	127	160	100	127
21	540	150	193	620	150	214	150	110	126	180	90	128
22	530	150	202	340	150	187	140	100	121	160	120	137
23	370	140	189	260	150	189	130	100	114	140	100	118
24	310	150	184	490	160	230	120	100	111	170	100	120
25	220	140	176	410	140	198	140	100	119	810	100	233
26	590	150	209	170	140	152	130	90	115	470	140	221
27	9200	170	1770	170	130	149	130	100	114	200	100	146
28	6240	180	1030	180	130	145	130	100	110	140	100	120
29	4980	170	822	380	130	172	120	100	108	140	100	119
30	1020	170	334	170	130	144	120	100	105	130	100	116
31	---	---	---	210	130	145	110	100	105	---	---	---
MONTH	9200	120	322	4430	130	246	180	90	118	810	80	122
YEAR	9200	70	170									

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 377.4.

PERIOD OF RECORD.--October 1983 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 each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens June 2; minimum, 40 microsiemens many days Oct., Feb. and March.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	60	50	51	70	50	55	70	60	66	80	50	72
2	60	40	50	60	50	57	70	60	67	90	70	74
3	50	40	50	70	50	60	70	60	68	80	70	74
4	50	40	49	70	60	67	70	60	69	80	70	71
5	60	40	49	70	60	67	80	60	70	80	70	71
6	50	40	48	70	60	64	80	70	71	80	70	71
7	50	40	48	70	60	61	70	60	68	80	60	70
8	50	40	48	70	60	63	80	60	69	70	60	69
9	60	40	50	70	60	62	80	60	70	70	60	69
10	60	40	49	70	60	64	80	60	71	70	60	66
11	50	40	47	70	60	64	80	70	71	70	60	65
12	50	40	47	70	50	63	80	70	71	70	60	66
13	50	40	46	70	60	64	80	70	71	70	60	65
14	50	40	46	70	60	63	80	70	72	80	60	68
15	50	40	47	70	60	65	80	70	72	80	60	70
16	50	40	47	70	60	64	80	70	72	80	60	69
17	50	40	47	70	60	63	80	70	72	70	60	66
18	50	40	47	70	60	66	80	70	71	70	60	68
19	50	40	47	80	60	68	80	70	72	70	60	66
20	50	40	48	70	60	66	80	70	72	70	60	67
21	50	40	49	70	60	65	80	70	72	80	60	69
22	60	50	51	70	60	66	80	70	72	80	60	69
23	60	50	53	70	60	67	80	70	72	80	60	71
24	60	50	52	70	60	68	80	70	71	80	60	70
25	70	50	52	70	60	68	80	70	71	80	60	71
26	60	50	54	70	60	65	80	70	71	80	60	67
27	60	50	57	70	60	64	80	70	71	80	60	69
28	60	50	58	70	60	66	80	70	70	80	60	71
29	60	50	56	70	60	64	80	70	71	80	60	70
30	60	50	54	70	60	64	80	70	71	70	60	69
31	60	50	53	---	---	---	80	70	72	70	60	67
MONTH	70	40	50	80	50	64	80	60	71	90	50	69

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	70	60	67	60	40	50	60	50	54	90	80	81
2	70	60	67	60	40	48	60	50	56	90	80	82
3	70	60	67	60	40	50	60	50	56	90	70	82
4	70	60	66	60	40	49	70	50	58	90	80	83
5	70	60	67	60	40	52	60	50	59	90	80	85
6	70	60	65	60	40	51	70	60	61	90	80	84
7	70	60	64	60	40	52	70	60	61	90	80	84
8	70	60	65	60	40	51	70	60	61	90	80	84
9	70	60	65	60	40	52	70	60	61	90	80	86
10	70	60	65	60	40	47	70	60	60	90	80	86
11	70	60	65	60	50	52	70	60	61	90	80	85
12	70	60	63	60	40	51	70	60	62	90	80	84
13	70	60	67	60	40	47	70	60	61	90	80	85
14	70	60	66	60	40	46	70	60	62	90	80	84
15	70	60	65	60	40	50	70	60	64	90	80	85
16	70	60	63	60	40	52	70	60	64	90	80	86
17	70	60	63	60	40	47	70	60	65	90	80	87
18	70	60	62	60	40	52	80	60	64	90	80	86
19	70	60	62	60	50	53	70	60	63	90	80	88
20	70	50	59	60	50	53	70	60	64	90	80	88
21	60	50	57	60	50	53	70	60	65	90	80	89
22	60	50	56	60	50	53	70	60	66	90	80	87
23	60	50	53	60	50	54	70	60	68	90	80	86
24	60	50	53	60	50	54	80	60	74	90	80	85
25	60	50	52	60	50	55	80	70	74	90	80	85
26	60	40	50	60	50	52	80	70	75	90	80	86
27	60	40	50	60	50	52	80	70	76	90	80	83
28	60	40	49	60	50	52	80	70	77	90	80	84
29	---	---	---	60	50	53	80	70	78	90	80	84
30	---	---	---	60	50	54	90	70	82	90	80	83
31	---	---	---	60	50	55	---	---	---	90	70	80
MONTH	70	40	61	60	40	51	90	50	65	90	70	85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	70	80	90	70	81	---	---	---	80	70	74
2	270	70	99	90	80	82	---	---	---	80	70	73
3	90	70	80	90	80	83	---	---	---	80	70	73
4	90	80	81	90	80	82	---	---	---	80	70	76
5	90	80	81	90	80	83	---	---	---	80	70	74
6	100	80	86	100	80	86	---	---	---	80	70	76
7	100	80	83	100	80	88	---	---	---	80	70	77
8	100	70	81	100	80	89	---	---	---	80	70	78
9	90	70	80	110	80	92	---	---	---	80	70	79
10	90	70	80	110	90	93	---	---	---	90	70	80
11	90	70	81	110	90	94	---	---	---	80	70	79
12	100	80	83	100	90	94	90	70	80	90	70	80
13	110	80	86	100	90	95	90	70	81	80	70	77
14	110	80	84	100	90	95	90	80	82	80	70	76
15	100	80	82	110	90	96	90	80	83	80	70	75
16	90	70	79	100	90	95	90	80	82	80	70	76
17	80	70	78	100	90	96	90	80	82	80	70	75
18	80	70	79	100	90	94	90	70	81	80	70	74
19	80	70	80	100	90	95	90	70	80	80	70	74
20	90	80	80	100	90	94	90	80	80	80	70	74
21	80	70	79	100	90	95	90	70	81	80	70	77
22	80	70	79	100	90	96	90	80	84	90	70	77
23	80	70	79	100	90	96	110	80	91	90	70	79
24	80	70	79	100	90	94	140	70	91	90	70	81
25	80	70	79	100	80	87	80	70	78	90	80	82
26	90	70	80	100	80	89	80	70	79	90	80	86
27	80	70	78	100	90	95	80	70	79	90	80	86
28	80	70	79	100	90	94	80	70	79	90	80	87
29	80	70	79	100	80	92	80	70	78	100	80	90
30	90	70	81	100	80	90	80	70	76	100	90	93
31	---	---	---	100	---	---	80	70	74	---	---	---
MONTH	270	70	81	110	70	91	140	70	81	100	70	79
YEAR	270	40	70									

02129590 WHITES CREEK NEAR WALLACE, SC

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

DRAINAGE AREA.--26.4 mi^2.

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

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

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

AVERAGE DISCHARGE.--6 years, 30.9 ft^3/s, 15.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 608 ft^3/s, Mar. 18, 1983, gage height, 6.45 ft; minimum, 0.04 ft^3/s, Oct. 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 354 ft^3/s, Aug. 19, gage height, 5.06 ft; minimum, 3.5 ft^3/s, July 9-12, gage height, 1.36 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	13	19	13	44	27	16	6.1	5.0	4.6	118	56
2	7.0	12	17	13	102	26	16	6.4	4.9	4.6	135	58
3	11	10	18	32	152	25	15	16	4.9	4.9	130	39
4	15	10	17	65	129	24	13	22	4.9	4.9	106	28
5	12	11	21	95	86	26	12	32	4.9	4.9	52	23
6	9.3	11	35	87	114	24	14	31	12	4.9	30	20
7	8.0	10	34	57	135	23	14	22	30	4.9	24	16
8	7.6	10	36	33	102	22	15	15	74	4.9	28	14
9	7.3	10	23	23	65	22	14	11	55	4.0	29	13
10	7.4	10	18	21	49	22	13	13	37	3.5	30	12
11	7.4	13	16	20	44	22	12	20	24	3.5	29	13
12	6.9	15	15	18	58	23	12	22	11	3.6	23	14
13	6.9	15	15	18	59	22	11	21	6.5	3.7	17	13
14	6.9	15	15	17	63	21	12	16	5.1	3.9	12	11
15	7.0	14	15	16	50	21	13	11	4.8	4.3	8.8	9.7
16	7.0	12	15	16	38	19	13	19	15	4.4	8.0	9.0
17	7.1	11	15	22	34	18	13	31	23	4.7	35	8.4
18	10	11	15	26	32	17	13	41	27	4.6	172	7.8
19	11	11	15	29	31	19	15	39	26	4.7	298	7.6
20	10	12	15	30	37	19	13	27	15	4.8	138	7.3
21	9.9	11	15	21	41	17	11	18	7.4	4.9	65	7.1
22	11	11	14	16	43	24	11	12	5.5	4.9	43	8.4
23	12	11	14	15	40	28	9.5	8.4	4.8	4.8	35	8.4
24	14	11	14	15	33	32	8.1	7.2	4.7	4.7	42	8.5
25	13	11	14	16	30	33	7.7	6.6	4.8	17	90	9.8
26	12	11	13	17	29	29	6.8	5.9	4.9	34	123	9.7
27	11	12	13	16	29	24	6.6	6.0	4.9	79	130	9.0
28	12	13	13	17	28	23	6.7	6.2	4.9	79	86	8.3
29	13	17	13	21	---	22	6.6	6.1	4.8	126	57	7.7
30	13	17	13	21	---	21	6.0	5.6	4.6	139	42	7.1
31	13	---	13	31	---	19	---	5.1	---	112	55	---
TOTAL	305.6	361	538	857	1697	714	349.0	508.6	441.3	693.6	2190.8	463.8
MEAN	9.86	12.0	17.4	27.6	60.6	23.0	11.6	16.4	14.7	22.4	70.7	15.5
MAX	15	17	36	95	152	33	16	41	74	139	298	58
MIN	6.9	10	13	13	28	17	6.0	5.1	4.6	3.5	8.0	7.1

CAL YR 1984	TOTAL	12876.3	MEAN	35.2	MAX	225	MIN	6.4
WTR YR 1985	TOTAL	9119.7	MEAN	25.0	MAX	298	MIN	3.5

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, 5.3 mi northeast of McBee, and at mile 59.1.

DRAINAGE AREA.--108 mi^2.

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

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

REMARKS.-- Estimated daily discharges: Nov. 7-15 and Feb. 2-14. Records fair.

AVERAGE DISCHARGE.--26 years, 162 ft^3/s, 20.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,770 ft^3/s, July 16, 1975, gage height, 11.29 ft; minimum 17 ft^3/s June 29, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Aug. 27	0800	*517	*9.08	No other peak greater than base discharge.			

Minimum discharge 22 ft^3/s June 29, 30; minimum gage height 3.43 ft June 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123	73	110	67	198	137	81	38	35	30	316	146
2	146	71	88	67	255	128	78	40	33	41	258	146
3	130	69	86	121	360	122	79	61	31	45	191	137
4	102	66	98	182	390	119	76	87	29	39	152	116
5	75	67	104	206	420	116	75	106	27	34	106	101
6	70	71	150	216	390	113	77	92	79	30	71	90
7	73	77	161	238	350	109	85	73	122	31	60	81
8	67	74	155	190	340	105	86	61	190	34	61	75
9	63	73	119	122	360	104	77	48	211	34	118	72
10	62	77	94	102	380	104	73	46	206	31	182	68
11	62	82	89	98	310	104	73	69	215	27	202	65
12	60	77	82	91	260	104	72	86	140	44	155	65
13	58	76	79	86	205	99	70	87	72	43	82	62
14	57	69	77	82	218	101	67	78	48	36	67	60
15	55	65	75	115	228	111	67	66	41	36	48	51
16	56	64	74	132	182	104	69	65	41	37	42	48
17	56	63	74	135	156	92	74	102	59	44	48	46
18	93	63	74	90	145	90	78	119	66	60	167	45
19	83	63	72	83	144	87	70	117	63	72	178	43
20	78	64	72	84	163	91	65	108	49	64	237	42
21	73	64	71	86	165	85	59	92	43	46	278	41
22	76	63	71	83	165	104	48	95	38	38	237	41
23	107	63	71	89	163	131	46	87	34	74	171	41
24	109	63	70	106	149	140	43	70	31	101	225	42
25	91	63	70	122	141	131	49	60	28	119	337	46
26	78	63	69	148	137	111	57	48	27	141	338	45
27	71	63	68	237	137	102	60	43	26	145	486	44
28	72	68	66	301	140	95	48	40	24	169	356	42
29	79	101	66	322	---	91	43	39	23	227	262	39
30	88	115	67	268	---	88	39	38	25	261	200	38
31	78	---	67	208	---	86	---	37	---	290	162	---
TOTAL	2491	2130	2689	4477	6651	3304	1984	2198	2056	2423	5793	1978
MEAN	80.4	71.0	86.7	144	238	107	66.1	70.9	68.5	78.2	187	65.9
MAX	146	115	161	322	420	140	86	119	215	290	486	146
MIN	55	63	66	67	137	85	39	37	23	27	42	38

CAL YR 1984	TOTAL	57125	MEAN	156	MAX	544	MIN	48
WTR YR 1985	TOTAL	38174	MEAN	105	MAX	486	MIN	23

02130910 BLACK CREEK NEAR HARTSVILLE, SC

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

DRAINAGE AREA.--173 mi^2.

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

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

REMARKS.--No estimated daily discharges. Records good. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--25 years, 232 ft^3/s, 18.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft^3/s, Aug. 18, 1971, gage height, 10.08 ft; minimum, 32 ft^3/s July 2, 3, 1981, gage height, 1.22 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 686 ft^3/s Feb. 11, gage height, 7.72 ft; minimum, 64 ft^3/s June 29, July 1, gage height, 2.27 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123	136	150	144	199	213	140	85	84	68	288	224
2	131	135	152	145	283	211	134	84	83	66	307	210
3	137	131	156	184	504	204	125	94	81	68	290	199
4	142	126	157	234	353	195	120	97	75	68	258	186
5	135	123	175	262	343	192	113	100	76	67	229	172
6	132	125	192	273	527	189	120	103	101	70	200	158
7	130	123	196	283	541	179	120	103	120	70	173	148
8	127	119	199	296	508	171	119	102	150	70	160	140
9	125	117	219	282	481	171	117	97	163	70	157	133
10	122	115	219	258	456	169	110	97	177	69	161	125
11	120	124	210	235	534	163	108	101	185	69	169	122
12	116	130	199	222	454	161	108	105	188	68	178	124
13	111	130	189	201	242	159	109	109	174	69	171	115
14	108	128	183	191	249	156	111	111	160	69	156	105
15	106	126	177	186	263	156	110	106	133	68	141	98
16	106	127	170	176	279	152	111	112	131	69	127	94
17	107	126	165	185	273	153	112	118	128	74	130	92
18	119	124	162	191	263	151	109	122	119	74	224	90
19	125	125	159	192	251	141	109	120	113	74	224	89
20	126	128	158	200	271	137	108	121	107	75	221	88
21	130	126	156	193	267	140	106	121	100	73	245	87
22	132	125	154	186	259	153	102	118	94	72	278	87
23	134	121	155	178	254	153	98	116	90	94	272	87
24	139	120	152	171	249	156	95	114	85	99	252	87
25	142	119	151	167	245	161	98	107	86	126	279	90
26	141	120	150	166	238	159	96	100	92	139	314	88
27	138	121	146	159	234	155	95	96	77	148	386	84
28	137	129	144	161	222	152	96	91	69	156	538	82
29	139	141	144	165	---	149	94	90	66	201	495	81
30	140	145	144	165	---	146	89	88	72	238	426	80
31	140	---	146	182	---	142	---	85	---	258	320	---
TOTAL	3960	3785	5229	6233	9242	5089	3282	3213	3379	2999	7769	3565
MEAN	128	126	169	201	330	164	109	104	113	96.7	251	119
MAX	142	145	219	296	541	213	140	122	188	258	538	224
MIN	106	115	144	144	199	137	89	84	66	66	127	80

CAL YR 1984	TOTAL	82254	MEAN	225	MAX	568	MIN	97
WTR YR 1985	TOTAL	57745	MEAN	158	MAX	541	MIN	66

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 mi^2, 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.--Water-stage recorder. Datum of gage is 24.73 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1947, at site 1.6 mi downstream at datum 1.27 ft lower.

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

AVERAGE DISCHARGE.--47 years, 9,871 ft^3/s, 15.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 220,000 ft^3/s Sept. 22, 1945, gage height, 33.30 ft (site and datum then in use) from rating curve extended above 76,000 ft^3/s on basis of discharge measurement of 221,000 ft^3/s at Cheraw; minimum, 629 ft^3/s June 26, 1984, gage height, 0.37 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 29,600 ft^3/s, Aug. 29, gage height, 21.74 ft; minimum, 1,320 ft^3/s, Jul. 16, gage height, 1.72 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2610	5400	6130	1950	4970	12200	3230	4940	4170	2180	12500	24100
2	2150	5330	5920	3310	9150	12900	3120	3300	4690	3380	12500	22300
3	4340	6040	5060	2960	15100	12800	6500	2070	3370	4600	11800	20700
4	5500	5360	3330	6020	19000	12200	5430	3680	3260	5970	9700	18600
5	5610	2940	5590	10400	20900	11500	4320	4570	5130	5260	6590	16100
6	5430	2230	6850	14500	24000	9330	5110	4190	4860	2830	5630	12700
7	5710	4240	9100	15900	26700	8720	4220	4290	4690	3910	5770	9210
8	3430	5720	10100	15400	28400	9160	3040	3770	4560	2210	5340	5910
9	2110	6310	9870	14500	29300	8490	2830	3650	8630	1650	5470	3670
10	5040	6420	8130	13400	29100	6410	5450	2630	14400	3680	6490	2760
11	5090	5740	7310	11600	27300	4660	5220	4340	15100	4050	6140	4300
12	4030	3490	7970	10300	24900	4810	4120	4040	12800	3900	4330	5940
13	4290	2960	7140	7960	22600	6890	5040	2300	9080	3380	3510	7100
14	4190	3890	6050	4390	21700	6930	4200	2490	5490	3460	4800	6880
15	2360	4560	5790	3510	21400	6310	2320	5210	5450	1880	4910	6000
16	1650	4780	5620	7130	20800	5480	2410	5060	5150	1810	4810	5780
17	4380	4550	4290	6630	19600	4930	5340	4650	2900	3880	4510	3340
18	4960	4150	4340	6440	18100	3060	5570	8260	3780	3870	4630	2230
19	4350	2720	4980	6610	16500	4040	6290	11100	6400	3830	13500	4670
20	5140	2070	5190	5490	15600	7740	6210	12200	6510	4030	18400	7300
21	4710	4120	4600	4190	14800	8260	4710	11300	5610	3920	20200	6980
22	2680	5930	5570	5420	14200	6240	2410	7430	4740	2060	22200	5550
23	2180	5340	5490	7100	13000	6900	2250	4340	3580	1710	24600	2950
24	4320	3640	2980	6310	10200	6310	5190	3800	2100	3510	26600	2220
25	5230	3120	3500	5420	8240	4460	5290	5030	1530	4230	28200	6380
26	6630	2200	4380	3940	7810	4550	3490	6540	4110	8140	28800	7100
27	5890	2020	3070	3700	9600	7060	2280	7720	4430	11000	28900	7340
28	4580	5190	4490	3250	11200	7190	4150	7550	4310	9120	29300	8190
29	2590	6800	3200	3560	---	6240	2700	5630	3850	8420	29500	6110
30	2210	7360	1960	4250	---	6400	3600	3940	3510	8830	28800	2810
31	5270	---	1620	4490	---	5610	---	3090	---	10700	26700	---
TOTAL	128660	134620	169620	220030	504170	227780	126040	163110	168190	141400	445130	245220
MEAN	4150	4487	5472	7098	18010	7348	4201	5262	5606	4561	14360	8174
MAX	6630	7360	10100	15900	29300	12900	6500	12200	15100	11000	29500	24100
MIN	1650	2020	1620	1950	4970	3060	2250	2070	1530	1650	3510	2220

CAL YR 1984	TOTAL	5203090	MEAN	14220	MAX	63500	MIN	1220
WTR YR 1985	TOTAL	2673970	MEAN	7326	MAX	29500	MIN	1530

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1948 to September 1949, October 1961 to August 1974, October 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
13...	1530	2340	91	6.0	13.5	5.3	766	8.4	80	K20	K20	19
JAN												
29...	1700	2800	96	5.8	4.5	4.5	761	11.2	87	K10	K70	20
MAR												
26...	1530	3800	78	6.1	14.0	5.5	772	9.1	87	K20	--	18
MAY												
15...	1605	4800	109	7.0	27.0	8.7	761	7.0	88	K35	450	18
JUL												
10...	1000	3160	88	6.9	29.0	17	762	7.1	92	K15	85	20
SEP												
18...	0830	1740	86	7.0	21.5	12	771	7.2	81	K30	120	19

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
13...	0	4.3	2.0	10	50	1	2.4	24	9.6	8.3	.10	10
JAN												
29...	0	4.7	1.9	12	54	1	1.9	21	10	9.7	.10	9.3
MAR												
26...	2	4.1	1.8	7.8	46	.8	1.6	17	10	8.1	.10	8.1
MAY												
15...	0	3.9	2.1	13	57	1	2.3	23	11	12	.10	7.1
JUL												
10...	0	4.3	2.3	10	48	1	2.5	22	9.6	8.6	.10	8.7
SEP												
18...	0	4.4	2.0	8.6	46	.9	2.4	21	7.8	7.6	<.10	9.6

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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
13...	60	61	.08	379	.31	.070	.09	<.10	.020	--	<.010
JAN											
29...	71	62	.10	537	.56	.020	.03	.60	.100	--	.050
MAR											
26...	58	51	.08	595	.41	.040	.05	.30	.040	--	<.010
MAY											
15...	86	70	.12	1110	.36	.020	.03	1.8	.140	--	.070
JUL											
10...	63	60	.09	538	.51	.030	.04	.60	.060	.18	<.010
SEP											
18...	66	57	.09	310	.26	.110	14	.50	.090	.28	.050

02131000 PEE DEE RIVER AT PEEDEE, S C--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV											
13...	.040	.12	50	<1	14	.0	<1	1	<3	1	210
JAN											
29...	.050	.15	120	<1	17	<.5	<1	1	<3	2	220
MAR											
26...	.010	.03	--	--	--	--	--	--	--	--	--
MAY											
15...	.050	.15	40	<1	17	<.5	<1	3	<3	3	300
JUL											
10...	<.010	--	40	<1	18	<.5	<1	3	<3	3	200
SEP											
18...	.030	.09	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	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)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV											
13...	2	5	14	.1	<10	1	<1	<1	42	<6	5
JAN											
29...	1	<4	18	.2	<10	<1	<1	<1	38	<6	<3
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
MAY											
15...	1	<4	7	.2	<10	3	<1	<1	41	<6	9
JUL											
10...	<1	<4	12	.4	<10	2	<1	<1	49	<6	4
SEP											
18...	--	--	--	--	--	--	--	--	--	--	--

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV											
13...	7	44	95	<1.0	<.4	3.0	<.4	2.6	<.4	.05	.23
JAN											
29...	4	30	94	--	--	--	--	--	--	--	--
MAR											
26...	24	246	43	--	--	--	--	--	--	--	--
MAY											
15...	42	544	73	--	--	--	--	--	--	--	--
JUL											
10...	34	290	71	--	--	--	--	--	--	--	--
SEP											
18...	16	75	86	--	--	--	--	--	--	--	--

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

02131150 CATFISH CANAL AT SELLERS, SC

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

DRAINAGE AREA.--27.4 mi^2.

PERIOD OF RECORD.--November 1966 to current year.

REVISED RECORDS.--WRD SC-77: Drainage area.

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

REMARKS.--Records fair, except for estimated daily discharges, Jan. 23-29, which are poor.

AVERAGE DISCHARGE.--18 years, 28.2 ft^3/s, 13.98 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 890 ft^3/s, Mar. 4, 1971, gage height, 9.15 ft; no flow for several days in 1978, 1983, and 1984.

EXTREMES FOR CURRENT YEAR.--Peak discharge above a base of 250 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Sept. 12	0730	*223	*5.06

Minimum discharge, 0.79 ft^3/s, June 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	1.5	3.9	1.7	18	30	11	2.3	5.4	10	63	41
2	3.5	1.7	2.2	1.7	28	28	9.9	2.2	3.8	6.6	64	27
3	3.0	1.6	2.1	8.5	44	25	8.6	2.8	3.2	4.5	49	21
4	2.6	1.4	1.9	42	30	23	6.9	3.0	2.6	3.3	33	17
5	2.2	1.6	2.6	78	46	23	6.4	2.5	2.0	2.5	25	14
6	2.0	1.6	5.0	42	184	21	6.4	2.1	4.4	2.0	20	12
7	1.8	1.3	5.3	25	161	19	5.7	1.9	14	1.7	17	11
8	1.8	1.3	4.9	19	114	18	5.2	1.8	26	1.5	15	9.6
9	1.7	1.3	4.5	16	79	18	5.2	1.9	15	1.2	18	19
10	1.7	1.3	4.4	14	60	17	5.0	2.1	8.9	1.1	27	16
11	1.6	1.4	4.2	14	51	16	5.1	2.2	7.0	1.3	20	13
12	1.5	1.3	4.1	14	104	16	4.9	6.2	5.6	1.4	16	189
13	1.3	1.1	3.8	12	106	15	4.8	9.8	4.4	1.1	13	120
14	1.3	1.1	3.7	11	77	14	5.0	6.1	3.5	2.6	12	64
15	1.3	1.2	3.5	11	61	13	5.5	4.2	3.0	4.8	9.9	38
16	1.3	1.2	3.4	9.5	50	13	8.3	6.6	6.1	2.9	8.4	26
17	1.2	1.1	3.6	13	42	14	8.7	7.6	7.0	3.6	9.0	21
18	1.2	1.2	3.5	21	36	13	6.9	6.2	8.8	4.4	21	18
19	1.3	1.4	3.5	19	32	12	5.9	4.8	5.9	2.4	17	15
20	1.4	1.6	3.6	16	53	12	5.4	3.9	4.8	1.5	13	13
21	1.3	1.7	3.7	13	87	12	4.9	3.8	3.5	1.2	12	12
22	1.3	1.8	3.1	12	70	14	4.3	3.6	2.8	.99	73	11
23	1.6	2.0	2.9	11	57	15	4.2	3.2	2.2	.85	34	9.7
24	1.7	2.1	2.5	10	48	14	3.9	2.9	1.9	1.6	29	9.2
25	1.6	2.1	2.4	10	42	14	3.8	2.5	1.6	95	25	8.7
26	1.5	2.3	2.1	9.8	39	14	3.8	2.2	1.4	124	142	8.5
27	1.5	2.4	2.0	9.4	38	14	3.4	1.9	1.1	69	89	8.0
28	1.5	3.4	2.1	9.0	34	13	3.2	1.7	.94	59	54	6.4
29	1.5	4.7	2.1	8.8	---	13	2.8	1.8	.85	150	38	5.5
30	1.4	8.2	2.0	9.4	---	13	2.5	14	7.8	139	31	5.1
31	1.5	---	1.8	13	---	12	---	8.3	---	85	56	---
TOTAL	52.8	57.9	100.4	503.8	1791	508	167.6	126.1	165.49	786.04	1053.3	788.7
MEAN	1.70	1.93	3.24	16.3	64.0	16.4	5.59	4.07	5.52	25.4	34.0	26.3
MAX	3.5	8.2	5.3	78	184	30	11	14	26	150	142	189
MIN	1.2	1.1	1.8	1.7	18	12	2.5	1.7	.85	.85	8.4	5.1

CAL YR 1984	TOTAL	12463.5	MEAN	34.1	MAX	254	MIN 1.1
WTR YR 1985	TOTAL	6101.13	MEAN	16.7	MAX	189	MIN .85

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 765 and 151, at Jefferson.

DRAINAGE AREA.--24.3 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 302.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Feb. 2-14, Jun. 8-20, from Caro-Knit recorder. Records good.

AVERAGE DISCHARGE.--9 years, 24.9 ft³/s, 13.92 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 ft³/s, Feb. 24, 1979, gage height, 7.89 ft; no flow for many days in August, September and October, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Aug. 18	0730	*392	*5.37	No other peak greater than base discharge.			

Minimum daily, 0.18 ft³/s, Jul. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	2.1	4.0	4.6	28	19	8.8	1.4	1.3	1.1	55	19
2	2.9	1.8	3.8	4.3	120	19	8.1	1.4	1.0	1.1	35	17
3	1.7	1.8	6.1	30	57	17	8.3	10	.80	.75	25	15
4	1.4	2.8	6.2	32	33	17	7.6	9.0	.65	.38	20	13
5	1.1	3.0	13	21	43	17	6.9	5.3	.92	.60	18	12
6	1.0	3.1	15	14	134	16	11	3.4	8.0	2.0	17	9.7
7	.92	2.7	8.2	12	54	15	10	2.4	8.6	1.5	15	8.5
8	1.0	2.3	6.3	9.7	38	16	8.0	1.7	44	1.2	28	8.5
9	.96	2.4	5.5	8.8	31	16	7.2	2.5	13	.69	33	8.3
10	.95	2.5	5.1	8.0	28	16	6.9	5.9	8.0	.31	23	7.6
11	.94	3.7	5.0	8.0	29	15	6.8	14	6.8	.21	20	7.4
12	.97	4.5	4.7	8.3	51	14	6.8	12	5.9	.18	14	8.6
13	1.0	2.9	4.4	8.1	36	13	7.1	7.8	5.4	2.6	12	7.1
14	1.0	2.7	4.3	7.4	31	13	7.0	4.4	2.5	6.7	9.9	6.5
15	1.0	2.6	5.8	7.0	29	12	7.7	3.0	2.5	1.8	10	5.7
16	1.0	2.7	5.5	6.8	26	12	7.3	22	3.8	2.8	10	5.6
17	1.1	2.4	4.7	14	24	12	8.7	18	6.5	11	81	5.1
18	1.4	2.6	4.2	17	23	11	6.5	18	3.6	3.7	212	4.8
19	1.8	2.7	4.2	12	23	9.9	5.2	9.4	2.2	1.6	38	4.4
20	1.6	2.7	4.3	9.9	30	10	4.4	7.8	1.1	1.0	22	4.2
21	1.4	2.9	4.3	9.4	28	10	3.9	10	.87	.64	40	5.3
22	1.7	3.3	4.4	9.0	24	18	3.2	7.5	.81	.52	105	4.9
23	2.1	2.9	4.5	8.1	24	17	3.0	4.9	.73	3.9	40	4.5
24	2.0	2.7	4.2	7.8	23	14	3.2	3.7	.41	3.5	44	5.1
25	1.6	2.8	4.2	8.0	23	12	3.5	4.1	.34	30	101	5.8
26	1.6	3.0	4.1	7.6	22	10	3.0	4.4	.28	25	44	5.3
27	1.7	3.1	4.0	7.4	21	9.9	2.3	1.9	.23	18	36	6.1
28	2.2	4.8	4.0	7.9	20	9.8	2.1	1.5	.19	23	25	4.3
29	4.1	6.6	4.0	11	---	10	1.6	1.4	.19	131	22	4.1
30	2.2	4.6	4.1	9.8	---	9.9	1.5	1.3	.73	83	22	4.3
31	1.9	---	4.5	21	---	9.2	---	1.6	---	42	26	---
TOTAL	52.64	90.7	166.6	349.9	1053	419.7	177.6	201.7	131.35	401.78	1202.9	227.7
MEAN	1.70	3.02	5.37	11.3	37.6	13.5	5.92	6.51	4.38	13.0	38.8	7.59
MAX	6.4	6.6	15	32	134	19	11	22	44	131	212	19
MIN	.92	1.8	3.8	4.3	20	9.2	1.5	1.3	.19	.18	9.9	4.1

CAL YR 1984	TOTAL	8944.46	MEAN	24.4	MAX	250	MIN	.26
WTR YR 1985	TOTAL	4475.57	MEAN	12.3	MAX	212	MIN	.18

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58", long 80°34'59", Lancaster County, Hydrologic Unit 03040202, at downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 1.9 mi upstream from mouth.

DRAINAGE AREA.--23.9 mi^2 (Revised).

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

GAGE.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Dec. 14-31, Jan. 14 to Feb. 13, Feb. 23 to Apr. 1, May 16-18, May 29 to June 19, Aug. 14-16 and Aug. 20 to Sept. 18. Records poor.

AVERAGE DISCHARGE.--5 years, 22.1 ft^3/s, 28.91 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 918 ft^3/s, Aug. 18, 1985, gage height 9.43 ft; minimum daily, 0.61 ft^3/s, June 28, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 918 ft^3/s, Aug. 18, gage height 9.43 ft; minimum daily, 0.61 ft^3/s, June 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	5.2	5.8	8.7	20	19	11	3.6	2.7	5.1	30	4.5
2	6.7	5.4	5.5	32	10	18	11	3.4	2.8	3.6	24	4.4
3	4.6	5.0	11	16	9.0	17	10	11	2.6	2.3	21	4.2
4	3.9	6.0	14	11	8.5	17	9.9	10	10	1.3	19	4.1
5	3.7	7.1	13	9.0	30	16	9.7	7.1	6.0	1.3	18	3.9
6	3.5	6.6	6.9	9.0	11	15	13	5.6	4.0	4.7	17	3.8
7	3.4	6.1	6.0	8.3	9.5	16	12	4.5	9.5	4.5	16	3.8
8	3.6	5.6	6.1	7.2	8.5	15	10	3.4	6.0	2.5	16	3.7
9	3.4	5.9	6.3	15	8.0	14	9.4	4.5	4.0	1.6	22	3.6
10	3.2	5.6	6.3	11	70	15	9.2	8.5	3.3	1.1	19	3.5
11	3.0	7.5	6.0	8.6	45	14	8.6	18	4.0	.84	16	3.5
12	3.2	6.8	5.5	6.8	35	13	8.5	15	3.4	.77	16	3.5
13	2.8	5.2	6.2	7.4	32	12	8.1	11	2.8	26	15	12
14	2.8	4.9	5.8	8.0	30	12	8.5	7.6	2.5	29	15	7.0
15	3.0	4.6	5.4	9.0	27	11	9.5	5.4	6.0	9.9	14	4.5
16	2.6	3.9	5.0	12	24	11	11	13	5.0	11	13	3.2
17	3.0	4.2	4.8	10	27	12	9.8	18	3.5	27	243	3.0
18	6.5	4.1	4.4	9.0	23	10	8.6	13	2.8	11	352	2.8
19	6.0	4.4	4.0	8.5	20	11	8.0	9.4	2.3	6.8	8.4	2.7
20	4.8	4.8	5.5	8.0	20	9.0	7.5	6.8	1.8	4.2	7.2	2.8
21	4.6	4.3	6.6	7.5	19	24	7.1	6.2	1.3	3.6	6.2	2.7
22	4.8	4.3	5.8	7.0	18	15	6.4	5.1	.92	23	5.2	2.8
23	4.6	4.6	5.2	6.8	17	13	5.1	4.4	1.0	134	4.8	1.7
24	5.0	4.6	4.8	6.4	25	12	5.7	4.1	.77	59	30	2.8
25	4.7	4.7	4.5	7.2	43	11	6.5	3.8	1.0	112	28	2.7
26	4.7	4.5	4.3	9.0	30	10	5.7	3.6	.80	82	10	2.2
27	4.4	4.7	4.3	12	22	9.5	5.3	3.6	.79	39	6.5	2.0
28	6.1	12	5.0	8.0	20	9.5	5.0	3.3	.61	27	5.0	1.3
29	6.4	11	5.6	7.0	---	8.0	4.7	3.1	.63	161	6.2	1.1
30	5.4	7.1	6.2	6.5	---	9.0	4.1	3.0	12	90	5.0	1.2
31	5.4	---	7.0	110	---	10	---	2.8	---	42	4.7	---
TOTAL	139.8	170.7	192.8	401.9	661.5	408.0	248.9	221.8	104.82	927.11	1013.2	105.0
MEAN	4.51	5.69	6.22	13.0	23.6	13.2	8.30	7.15	3.49	29.9	32.7	3.50
MAX	10	12	14	110	70	24	13	18	12	161	352	12
MIN	2.6	3.9	4.0	6.4	8.0	8.0	4.1	2.8	.61	.77	4.7	1.1

CAL YR 1984	TOTAL	10059.2	MEAN	27.5	MAX	494	MIN	2.6
WTR YR 1985	TOTAL	4595.53	MEAN	12.6	MAX	352	MIN	.61

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 mi south of Effingham, and at mile 43.4.

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

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 58.49 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--56 years, 1,036 ft^3/s, 13.66 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,000 ft^3/s, Sept. 22, 1945, gage height, 21.21 ft, from rating curve extended above 17,000 ft^3/s; minimum, 94 ft^3/s, Oct. 10, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,550 ft^3/s, Feb. 11, gage height, 11.92 ft; minimum, 184 ft^3/s, Jun. 30, Jul. 15, 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	271	340	353	402	602	1350	611	322	244	275	1710	1580
2	265	370	393	400	671	1220	574	310	237	408	2100	1710
3	279	383	447	421	764	1140	549	307	239	542	2080	1950
4	315	377	489	492	809	1090	535	296	234	548	1920	1840
5	378	370	508	567	955	1040	521	293	233	520	1770	1540
6	422	352	519	669	1430	989	498	300	246	432	1730	1300
7	407	335	520	836	1760	930	481	339	288	339	1820	1120
8	360	334	533	966	2170	884	470	404	420	277	1860	930
9	325	348	575	1050	2680	848	469	423	495	234	1560	713
10	307	360	637	1140	3330	817	478	378	515	210	1050	579
11	298	356	703	1230	3510	773	487	335	559	230	725	497
12	293	341	758	1280	3290	734	480	320	603	239	606	496
13	289	330	734	1130	3310	707	459	335	657	228	570	441
14	285	339	644	852	3480	692	446	375	698	207	585	393
15	284	372	569	695	3250	681	444	445	597	189	561	401
16	282	395	525	635	2800	667	446	502	458	187	477	392
17	277	390	502	615	2370	668	454	500	409	187	392	365
18	282	370	485	620	2040	663	452	430	358	207	477	332
19	278	352	468	620	1850	643	444	366	334	241	821	312
20	276	344	458	630	1840	629	444	368	322	235	1080	299
21	291	337	452	650	1850	623	462	430	315	256	1590	293
22	317	333	443	683	1720	642	478	458	310	282	1910	287
23	334	332	432	718	1570	682	442	439	288	251	1820	278
24	341	335	423	704	1490	689	401	379	262	213	1810	272
25	344	341	419	653	1480	706	375	337	240	328	2470	267
26	348	343	415	593	1500	719	351	321	225	555	2860	258
27	357	339	414	560	1520	755	334	305	212	596	2680	252
28	359	339	409	550	1480	784	328	284	197	727	2370	248
29	354	339	403	551	---	765	337	274	187	1250	2350	248
30	339	340	401	551	---	706	337	270	214	1630	2040	247
31	328	---	402	557	---	654	---	258	---	1690	1690	---
TOTAL	9885	10536	15433	22020	55521	24890	13587	11103	10596	13713	47484	19840
MEAN	319	351	498	710	1983	803	453	358	353	442	1532	661
MAX	422	395	758	1280	3510	1350	611	502	698	1690	2860	1950
MIN	265	330	353	400	602	623	328	258	187	187	392	247

CAL YR 1984	TOTAL	476451	MEAN	1302	MAX	4560	MIN	265
WTR YR 1985	TOTAL	254608	MEAN	698	MAX	3510	MIN	187

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1951 to September 1952, October 1960 to April 1966, July 1969 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
13...	1740	330	106	6.2	11.0	3.2	768	9.7	87	K40	120	9
JAN												
30...	1000	525	75	5.9	4.5	2.5	766	11.4	88	K55	400	11
MAR												
26...	1730	710	87	6.9	14.5	3.0	771	8.8	85	K32	--	13
MAY												
15...	1900	420	95	7.0	25.0	3.5	761	6.9	84	240	320	9
JUL												
10...	1400	200	88	7.0	28.5	5.5	760	7.5	97	K30	K20	14
SEP												
18...	1200	350	100	7.1	20.5	4.5	771	7.7	85	K30	100	13

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
13...	0	1.9	1.0	17	78	3	1.4	20	14	11	<.10	7.4
JAN												
30...	0	2.5	1.1	12	68	2	1.0	11	13	7.1	<.10	7.2
MAR												
26...	0	3.0	1.3	12	65	2	1.1	16	13	8.8	<.10	3.6
MAY												
15...	0	2.1	.97	14	73	2	1.6	14	17	8.2	<.10	5.7
JUL												
10...	0	3.3	1.3	12	63	1	1.3	13	16	9.1	.10	5.3
SEP												
18...	0	2.9	1.4	16	70	2	1.7	19	13	10	<.10	8.8

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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV												
13...	72	66	.10	64	.25	.030	.04	.60	.050	--	.040	.040
JAN												
30...	60	51	.08	85	.35	.020	.03	.40	.030	--	.030	.030
MAR												
26...	62	54	.08	119	.13	.020	.03	.80	<.010	--	<.010	<.010
MAY												
15...	70	61	.10	79	.30	.050	.06	1.7	.060	--	.040	.030
JUL												
10...	69	57	.09	37	.38	<.010	--	.30	.030	.09	<.010	<.010
SEP												
18...	80	66	.11	76	.22	.080	.10	.40	.090	.28	.080	.050

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV 13...	.12	<100	<1	9	.0	<1	2	<3	1	840	1	4
JAN 30...	.09	150	<1	8	.8	<1	1	<3	1	350	1	<4
MAR 26...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 15...	.09	70	<1	15	<.5	<1	5	<3	2	940	2	<4
JUL 10...	0	3.3	1.3	12	63	1	1.3	13	16	9.1	.10	5.3
SEP 18...	0	2.9	1.4	16	70	2	1.7	19	13	10	<.10	8.8

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	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)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 13...	20	<.1	<10	1	<1	<1	14	<6	<3	5	4.5	86
JAN 30...	8	.2	<10	1	<1	<1	16	<6	<3	<1	--	80
MAR 26...	--	--	--	--	--	--	--	--	--	6	12	79
MAY 15...	28	.1	<10	2	<1	<1	15	<6	9	17	19	54
JUL 10...	60	.2	<10	5	<1	<1	22	<6	12	9	4.9	74
SEP 18...	--	--	--	--	--	--	--	--	--	5	4.7	74

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

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

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

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

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 23.95 ft above National Geodetic Vertical Datum of 1929. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

REMARKS.--Estimated daily discharges Feb. 21 to Mar. 8 and July 19-22. Records good.

AVERAGE DISCHARGE.--44 years, 3,203 ft^3/s, 15.59 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27,600 ft^3/s, Oct. 9, 10, 1964, gage height, 13.01 ft; minimum, 155 ft^3/s, Oct. 12, 13, 1954.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,750 ft^3/s, Feb. 15, gage height, 9.45 ft; minimum, 489 ft^3/s, June 30, gage height, 3.73 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2310	946	807	1030	2040	4400	1870	701	689	564	4120	3040
2	2060	1000	814	1010	2100	4300	1870	671	625	530	4790	3360
3	1860	1040	827	1070	2140	4100	1870	666	588	552	5210	3820
4	1670	1090	842	1140	2200	3900	1850	656	561	617	5510	4190
5	1490	1140	876	1150	2380	3700	1810	640	531	704	5670	4310
6	1350	1180	927	1200	2770	3600	1760	629	521	749	5810	4210
7	1250	1200	969	1260	3000	3500	1690	617	536	772	6020	3970
8	1190	1220	1010	1330	3470	3400	1600	606	606	811	6180	3680
9	1150	1220	1050	1460	4090	3220	1500	604	717	868	6230	3390
10	1120	1210	1090	1650	4690	3100	1380	626	807	943	6110	3150
11	1090	1180	1140	1880	5380	2970	1270	659	857	1010	5860	2960
12	1050	1150	1180	2080	6070	2850	1180	687	892	1060	5620	2830
13	1020	1100	1230	2250	6430	2730	1100	702	905	1030	5360	2600
14	982	1050	1290	2390	6670	2620	1040	715	898	977	5080	2360
15	949	992	1340	2480	6730	2500	999	724	900	913	4750	2120
16	914	940	1380	2520	6640	2400	986	729	985	857	4410	1890
17	884	898	1410	2580	6530	2370	1040	779	1080	908	4080	1670
18	846	864	1420	2620	6460	2290	1060	926	1130	943	3810	1430
19	821	845	1440	2630	6400	2220	1060	1070	1170	960	3510	1230
20	810	838	1430	2670	6360	2140	1020	1130	1170	860	3240	1080
21	819	829	1430	2680	5800	2060	985	1130	1120	740	3040	958
22	850	827	1410	2660	5600	2000	953	1110	1040	640	2970	863
23	906	826	1380	2590	5400	1940	921	1090	946	588	2850	795
24	923	823	1340	2500	5400	1880	893	1070	837	582	2700	735
25	925	816	1280	2410	5200	1850	873	1030	748	731	2580	700
26	918	808	1220	2300	5000	1830	854	976	677	949	2500	672
27	903	801	1180	2210	4800	1800	832	915	607	1360	2450	653
28	894	808	1140	2150	4500	1790	807	851	551	1780	2450	637
29	889	814	1100	2110	---	1800	777	792	514	2320	2470	623
30	883	809	1080	2060	---	1820	738	773	567	2870	2570	608
31	899	---	1050	2050	---	1850	---	761	---	3430	2790	---
TOTAL	34625	29264	36082	62120	134250	82930	36588	25035	23775	32618	130740	64534
MEAN	1117	975	1164	2004	4795	2675	1220	808	793	1052	4217	2151
MAX	2310	1220	1440	2680	6730	4400	1870	1130	1170	3430	6230	4310
MIN	810	801	807	1010	2040	1790	738	604	514	530	2450	608

CAL YR 1984	TOTAL	1231843	MEAN	3366	MAX	10300	MIN	757
WTR YR 1985	TOTAL	692561	MEAN	1897	MAX	6730	MIN	514

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, at bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville.

DRAINAGE AREA.--96.0 mi^2.

WATER-DISCHARGE RECORDS

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

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

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

AVERAGE DISCHARGE.--17 years (water years 1969-85), 105 ft^3/s, 14.85 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,700 ft^3/s, Sept. 7, 1979, gage height, 8.54 ft; minimum daily, 6.7 ft^3/s, July 21, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Aug. 19	2000	*486	*6.59				

Minimum daily, 11.0 ft^3/s June 26, 28, 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	44	83	49	117	113	49	15	35	29	290	98
2	79	43	82	52	166	105	46	15	24	65	326	85
3	73	40	88	97	233	96	43	31	15	42	257	74
4	55	43	82	175	287	91	42	47	13	24	172	57
5	42	52	96	215	331	87	41	41	18	19	116	42
6	32	52	133	249	401	82	59	32	85	17	47	33
7	28	49	141	257	404	77	76	24	109	18	28	27
8	28	45	137	219	414	74	69	20	139	17	26	24
9	27	43	136	169	361	71	58	20	147	15	39	22
10	26	41	127	133	277	71	49	32	137	14	49	21
11	25	51	110	109	231	69	44	60	134	21	48	20
12	24	68	84	90	209	68	42	53	101	16	40	24
13	23	65	69	79	190	66	41	44	31	14	30	26
14	23	58	62	73	179	63	43	32	20	14	24	24
15	23	53	58	71	173	60	47	24	16	24	20	21
16	23	48	55	67	167	57	49	23	48	19	18	19
17	24	46	58	86	152	64	52	23	78	16	23	18
18	28	44	65	116	136	66	47	25	50	16	202	17
19	41	45	56	117	122	60	40	21	34	15	444	16
20	47	44	51	111	142	57	35	17	27	14	432	16
21	50	42	49	107	172	56	31	20	21	18	305	15
22	58	42	48	98	183	79	27	21	17	13	205	15
23	55	42	49	73	186	91	24	20	15	13	146	15
24	51	41	48	68	182	84	22	18	13	23	102	15
25	45	41	49	73	166	79	23	17	12	78	85	16
26	41	41	49	77	145	75	22	15	11	125	106	17
27	39	42	48	76	136	67	21	14	12	131	110	16
28	39	55	47	79	123	60	19	12	11	132	98	16
29	45	86	47	85	---	56	18	12	11	131	87	15
30	49	87	48	84	---	52	16	23	25	234	83	15
31	47	---	48	93	---	51	---	47	---	332	102	---
TOTAL	1242	1493	2303	3447	5985	2247	1195	818	1409	1659	4060	839
MEAN	40.1	49.8	74.3	111	214	72.5	39.8	26.4	47.0	53.5	131	28.0
MAX	79	87	141	257	414	113	76	60	147	332	444	98
MIN	23	40	47	49	117	51	16	12	11	13	18	15

CAL YR 1984	TOTAL	42202	MEAN	115	MAX	600	MIN	17
WTR YR 1985	TOTAL	26697	MEAN	73.1	MAX	444	MIN	11

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1970 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
13...	1200	663	27	4.5	10.0	4.5	765	9.7	86	K110	340	5
JAN												
29...	1400	89	25	4.5	4.5	3.5	762	10.6	82	100	310	5
MAR												
26...	1230	75	24	4.5	12.0	4.0	771	10.4	95	K100	--	4
MAY												
15...	1130	24	27	5.7	21.0	2.1	760	7.3	82	120	240	4
JUL												
09...	1900	15	25	5.9	22.0	2.5	758	7.3	84	360	200	5
SEP												
17...	1800	19	27	5.5	18.0	2.0	764	7.8	82	150	350	5

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
13...	3	.80	.61	2.7	53	.6	.50	2.0	1.7	5.7	<.10	11
JAN												
29...	3	.98	.61	3.0	54	.6	.40	2.0	1.5	5.0	<.10	7.4
MAR												
26...	2	.86	.46	3.0	59	.7	.40	2.0	2.1	5.2	<.10	3.6
MAY												
15...	0	.81	.54	3.0	55	.6	.80	3.0	2.0	4.9	<.10	6.6
JUL												
09...	1	1.1	.55	5.2	--	1	<.10	5.0	2.1	3.3	<.10	6.7
SEP												
17...	2	.84	.61	3.1	54	.6	.90	3.0	1.6	5.2	<.10	8.6

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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
13...	36	25	.05	64	.13	.180	.23	.30	<.010	--	<.010
JAN											
29...	18	20	.02	4.3	.21	.010	.01	.50	.080	--	.010
MAR											
26...	21	17	.03	4.3	.12	.030	.04	.40	<.010	--	<.010
MAY											
15...	17	22	.02	1.1	.25	.070	.09	1.9	<.010	--	<.010
JUL											
09...	22	--	.03	.89	.58	.180	.23	.30	<.010	--	<.010
SEP											
17...	39	23	.05	2.0	.44	.030	.04	.20	.030	.09	.030

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV 13...	<.010	--	130	<1	8	<.0	<1	<1	<3	<1	210
JAN 29...	.020	.06	--	--	--	--	--	--	--	--	--
MAR 26...	<.010	--	--	--	--	--	--	--	--	--	--
MAY 15...	.010	.03	130	<1	7	.5	<1	1	<3	2	280
JUL 09...	<.010	--	--	--	--	--	--	--	--	--	--
SEP 17...	<.010	--	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	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)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 13...	1	<4	41	<.1	<10	1	<1	<1	7	<6	6
JAN 29...	--	--	--	--	--	--	--	--	--	--	--
MAR 26...	--	--	--	--	--	--	--	--	--	--	--
MAY 15...	1	<4	28	<.1	<10	<1	<1	<1	7	<6	39
JUL 09...	--	--	--	--	--	--	--	--	--	--	--
SEP 17...	--	--	--	--	--	--	--	--	--	--	--

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 13...	8	14	79	1.1	.6	1.1	<.6	.9	<.6	.18	<.01
JAN 29...	2	.48	89	--	--	--	--	--	--	--	--
MAR 26...	9	1.8	77	--	--	--	--	--	--	--	--
MAY 15...	9	.58	69	--	--	--	--	--	--	--	--
JUL 09...	6	.24	77	--	--	--	--	--	--	--	--
SEP 17...	4	.21	61	--	--	--	--	--	--	--	--

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

02135500 BLACK RIVER NEAR GABLE, SC

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

DRAINAGE AREA.--401 mi^2.

PERIOD OF RECORD.--June 1951 to June 1966, April 1972 to current year.

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

REMARKS.--Estimated daily discharges: Mar. 8-Apr. 5 and Jun. 18-25. Records fair, except for periods of no gage height record which are poor.

AVERAGE DISCHARGE.--27 years, 383 ft^3/s, 12.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft^3/s, Mar. 5, 1971, gage height, 6.82 ft; maximum gage height 6.92 ft, June 13, 1973; no flow for several days in 1954, 1956, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,420 ft^3/s, Aug. 19, gage height, 4.71 ft; minimum, 8.3 ft^3/s, Sept. 30, gage height 1.95 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	44	61	56	214	519	185	14	12	641	773	448
2	24	43	67	58	254	487	170	13	9.9	1070	755	383
3	22	48	94	132	282	453	160	19	10	796	637	342
4	21	47	108	280	294	426	150	27	9.7	500	614	304
5	19	43	146	388	418	401	135	22	14	364	553	266
6	18	41	211	429	891	381	123	27	76	276	468	223
7	19	36	216	422	1590	363	120	26	181	249	388	180
8	21	34	202	377	1790	360	113	23	344	216	318	137
9	21	33	200	354	1620	350	104	24	385	110	275	102
10	19	33	190	334	1360	338	96	31	331	53	245	78
11	17	35	174	305	1140	325	92	48	293	57	232	60
12	15	35	168	271	1080	310	89	50	235	110	210	71
13	14	36	156	238	992	290	84	41	208	74	169	72
14	13	36	145	214	908	280	86	37	163	83	122	58
15	13	36	134	195	800	280	90	30	96	85	84	47
16	13	36	122	180	701	260	100	31	143	56	57	39
17	14	38	113	187	624	240	133	32	178	63	52	31
18	16	41	108	207	563	255	120	26	158	70	589	24
19	17	42	100	206	512	245	92	19	123	38	1860	19
20	17	39	94	206	528	245	69	17	91	22	2050	15
21	19	37	87	201	566	280	56	17	65	15	1470	14
22	21	36	78	188	627	370	47	19	46	13	1130	14
23	21	36	73	168	651	450	38	33	32	10	906	13
24	22	36	69	169	642	515	31	44	24	30	786	13
25	23	37	68	178	620	500	30	46	17	238	654	13
26	24	39	66	175	589	420	26	31	16	430	665	12
27	26	42	61	161	583	345	22	19	16	412	707	12
28	28	48	59	163	563	290	20	15	12	474	629	9.9
29	35	56	58	163	---	245	17	14	9.5	485	533	9.4
30	39	58	57	155	---	225	16	15	216	623	496	8.8
31	35	---	57	174	---	205	---	14	---	732	513	---
TOTAL	648	1201	3542	6934	21402	10653	2614	824	3514.1	8395	18940	3018.1
MEAN	20.9	40.0	114	224	764	344	87.1	26.6	117	271	611	101
MAX	39	58	216	429	1790	519	185	50	385	1070	2050	448
MIN	13	33	57	56	214	205	16	13	9.5	10	52	8.8

CAL YR 1984	TOTAL 163649.5	MEAN 447	MAX 2430	MIN 7.8			
WTR YR 1985	TOTAL 81685.2	MEAN 224	MAX 2050	MIN 8.8			

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.--August 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.--Water-stage recorder. Datum of gage is 25.66 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--56 years, 948 ft³/s, 10.28 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58,000 ft³/s, June 14, 1973, gage height, 19.77 ft; minimum, 2.0 ft³/s, Sept. 12-15, Oct. 7, 8, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,940 ft³/s, Feb. 14, gage height, 10.50 ft; minimum, 35 ft³/s, Jun. 6, 7, gage height, 1.95 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	123	124	216	396	1370	456	73	50	84	842	2180
2	96	134	130	212	417	1370	429	67	52	147	868	2100
3	94	139	134	234	446	1340	402	63	47	174	858	1990
4	87	138	137	271	479	1310	377	60	42	265	847	1900
5	81	143	144	307	543	1280	353	60	40	375	862	1820
6	76	146	152	347	745	1230	328	63	38	470	891	1710
7	72	142	160	379	925	1160	302	62	37	524	912	1570
8	70	138	175	406	1130	1080	276	60	76	501	906	1400
9	68	134	196	440	1320	1000	254	58	98	394	918	1250
10	66	129	216	493	1470	924	235	58	138	277	986	1080
11	65	127	237	554	1690	857	220	57	177	192	957	938
12	63	124	258	609	2150	792	208	60	217	141	872	824
13	61	121	277	663	2670	730	200	67	254	117	755	699
14	59	119	295	717	2920	671	194	71	278	111	628	603
15	58	117	312	753	2850	619	191	72	292	131	507	556
16	56	116	329	762	2660	578	193	72	307	93	394	529
17	56	115	344	749	2440	549	198	71	304	77	302	508
18	58	115	353	714	2220	521	195	68	299	71	286	489
19	76	115	355	666	2030	500	187	64	289	64	482	438
20	92	112	351	618	1910	483	178	63	278	66	854	363
21	90	111	341	573	1780	468	171	63	269	63	1260	292
22	90	114	330	525	1630	462	162	57	257	60	1580	242
23	97	114	315	469	1510	469	149	56	233	59	1790	205
24	91	112	300	430	1420	497	134	52	201	55	1950	177
25	88	111	284	410	1360	528	123	50	170	128	2110	155
26	91	111	269	399	1340	546	114	52	143	210	2140	139
27	99	112	255	396	1340	553	109	55	118	278	2020	129
28	109	113	244	396	1350	549	101	59	95	286	1840	120
29	118	114	234	393	---	535	91	61	78	437	1700	115
30	119	118	227	389	---	513	81	63	69	586	1830	114
31	119	---	220	391	---	486	---	53	---	730	2180	---
TOTAL	2554	3677	7698	14881	43141	23970	6611	1910	4946	7166	35327	24635
MEAN	82.4	123	248	480	1541	773	220	61.6	165	231	1140	821
MAX	119	146	355	762	2920	1370	456	73	307	730	2180	2180
MIN	56	111	124	212	396	462	81	50	37	55	286	114

CAL YR 1984	TOTAL	559513	MEAN	1529	MAX	9220	MIN	56
WTR YR 1985	TOTAL	176516	MEAN	484	MAX	2920	MIN	37

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1962 to September 1966, July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
14...	0930	120	113	6.1	9.0	2.5	773	10.6	90	110	440	17
JAN												
30...	1300	390	80	6.9	4.5	1.5	766	11.1	85	K40	80	14
MAR												
27...	0915	553	76	6.9	13.5	2.6	770	8.4	80	K40	--	16
MAY												
16...	1130	71	150	7.0	25.5	2.1	759	6.4	79	K35	180	16
JUL												
10...	1700	250	79	6.3	27.5	2.0	759	5.9	75	K20	K40	21
SEP												
18...	1500	485	80	6.6	20.5	2.0	770	6.7	74	K60	90	15

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
14...	0	4.3	1.6	16	62	2	2.9	23	6.1	20	<.10	13
JAN												
30...	4	3.4	1.4	10	57	1	1.7	264	9.6	13	<.10	7.3
MAR												
27...	0	4.1	1.5	8.1	49	.9	1.6	14	4.2	13	.10	2.1
MAY												
16...	0	3.9	1.5	15	64	2	2.0	26	7.1	12	<.10	5.9
JUL												
10...	7	5.6	1.8	7.7	42	.7	1.7	11	9.3	11	<.10	9.3
SEP												
18...	0	3.6	1.4	11	58	1	2.0	15	2.5	12	<.10	11

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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV												
14...	96	77	.13	31	<.10	.070	.09	.40	.060	--	<.010	.050
JAN												
30...	70	53	.10	74	<.10	.030	.04	.50	.040	--	.010	.030
MAR												
27...	65	44	.09	97	<.10	.090	.12	.60	.030	--	.020	<.010
MAY												
16...	80	67	.11	15	.18	.050	.06	.90	.250	--	.220	.190
JUL												
10...	84	56	.11	57	<.10	.100	.13	.80	.060	.18	.010	<.010
SEP												
18...	95	53	.13	124	<.10	.040	.05	.90	.140	.43	.120	.090

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 14...	.15	120	<1	19	<.0	<1	<1	<3	<1	530	1	<4
JAN 30...	.09	240	<1	18	.6	<1	<1	<3	<1	170	1	<4
MAR 27...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 16...	.58	110	1	22	<.5	<1	<1	<3	3	620	5	<4
JUL 10...	--	180	1	36	<.5	<1	3	<3	3	700	<1	<4
SEP 18...	.28	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 14...	16	.1	<10	3	<1	<1	26	<6	4	--	--	--
JAN 30...	11	.2	<10	<1	<1	<1	20	<6	5	1	1.1	40
MAR 27...	--	--	--	--	--	--	--	--	--	16	24	13
MAY 16...	40	<.1	<10	2	<1	<1	26	<6	26	9	1.7	56
JUL 10...	81	.3	<10	3	<1	<1	34	<6	11	9	6.1	71
SEP 18...	--	--	--	--	--	--	--	--	--	5	6.5	61

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

02146000 CATAWBA RIVER NEAR ROCK HILL, SC

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

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

PERIOD OF RECORD.--September 1895 to September 1903, 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.--Water-stage recorder. Datum of gage is 485.82 ft above National Geodetic Vertical Datum of 1929. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--Estimated daily discharges: Jan. 2-3. Records good. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--51 years, 4,543 ft^3/s 20.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 151,000 ft^3/s May 23, 1901, gage height, 24.15 ft, site and datum then in use; minimum daily, 418 ft^3/s Mar. 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,600 ft^3/s Feb. 2, gage height, 7.55 ft; minimum daily, 483 ft^3/s Sept. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	593	650	1880	2200	4500	5620	1150	1960	803	529	2790	5140
2	2110	4820	722	4500	11700	5550	1050	4460	883	596	4240	5650
3	2850	712	2610	6810	1750	5600	893	3400	3910	603	1690	5350
4	1310	602	2900	4490	5690	5590	924	1760	5170	514	666	4320
5	618	560	4370	5790	4350	7740	623	977	3710	1240	863	6610
6	605	2550	5670	4120	2760	2980	664	4120	2240	503	2030	7540
7	695	3590	5920	6920	3030	2280	601	1960	1480	637	1170	4450
8	1070	1920	6370	8580	6750	2760	630	723	3560	2590	1030	2290
9	1390	963	1800	8430	5620	620	965	645	710	702	3160	4910
10	1370	635	3330	8530	5570	645	1180	1800	5930	1280	1600	3850
11	711	650	5230	8480	5620	2480	1410	1140	5550	1190	642	813
12	1170	3870	1550	8550	4690	4120	1350	784	3290	607	3370	804
13	1010	4820	606	8180	3410	3360	610	3840	642	563	4660	729
14	1190	2380	628	5710	7420	2540	618	5010	1080	671	4830	483
15	1840	3060	589	4650	7520	3550	562	3100	645	1360	820	850
16	700	1170	655	2300	5690	596	1020	3280	602	689	1240	907
17	2580	2820	3880	2250	4010	2010	730	4560	948	527	970	716
18	5020	1500	1670	1750	7210	3600	1240	2660	1400	553	8770	3030
19	3510	971	2380	1030	8440	4030	3380	3170	623	755	7450	1680
20	675	3190	544	1300	3260	3790	652	589	533	1420	6320	2210
21	1400	3180	4080	4550	6530	3250	622	2340	545	612	9390	1380
22	687	832	2330	4390	9130	5200	4260	3730	1400	1940	5390	763
23	4370	573	5300	2860	8490	1070	690	578	539	602	5500	496
24	6000	722	3240	856	7340	585	578	574	657	687	7160	1520
25	5390	3430	2270	1280	8500	5460	2110	1020	2290	1310	5150	1450
26	4000	4000	3830	3440	7020	2320	2290	648	838	1660	5230	770
27	606	3830	4740	1440	5650	1640	1680	573	685	588	4610	635
28	1260	3740	5540	2780	5710	2680	699	596	505	2890	6980	1080
29	2990	3180	5600	781	---	2780	1650	4720	516	4100	8680	1210
30	4570	4130	2230	3470	---	3060	1490	674	731	7130	7120	1060
31	1840	---	3110	2210	---	1970	---	525	---	4340	7400	---
TOTAL	64130	69050	95574	132627	167360	99476	36321	65916	52415	43388	130921	72696
MEAN	2069	2302	3083	4278	5977	3209	1211	2126	1747	1400	4223	2423
MAX	6000	4820	6370	8580	11700	7740	4260	5010	5930	7130	9390	7540
MIN	593	560	544	781	1750	585	562	525	505	503	642	483

CAL YR 1984	TOTAL	1889917	MEAN	5164	MAX	16900	MIN	544
WTR YR 1985	TOTAL	1029874	MEAN	2822	MAX	11700	MIN	483

02147000 CATAWBA RIVER NEAR CATAWBA, SC

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

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

PERIOD OF RECORD.--October 1968 to current year. Annual peak stages from June 1906 to December 1948 and gage-height records since May 1958 are available in district office.

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

REMARKS.--Records good, except those for estimated daily discharges; Mar. 2 to Mar. 27, Apr. 14 to May 8, and May 12 to June 19, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

AVERAGE DISCHARGE.--17 years, 5,642 ft³/s 21.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,600 ft³/s Oct. 9, 1976, gage height, 23.81 ft; minimum daily, 734 ft³/s Oct. 1, 1983.

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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 25,400 ft³/s Feb. 2, gage height, 11.74 ft; minimum daily, 750 ft³/s July 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1580	955	2420	1540	6760	5950	2050	2500	900	1170	3990	5520
2	2190	3400	1280	5350	21400	5800	1270	5000	1000	1150	4090	6570
3	3420	2700	2890	5320	11400	5920	1340	4500	1500	1260	2610	6490
4	1610	883	4540	8780	6260	5800	1380	2000	4500	971	947	4370
5	889	1070	4430	9340	5570	8200	946	1500	5600	1390	908	6590
6	856	1570	7030	5390	7490	5000	1030	3500	5000	1030	1870	8590
7	893	4270	6520	6850	5940	3500	1030	3050	2000	849	1510	5510
8	1290	1920	8030	9390	6660	3700	922	1010	4000	1490	1410	3190
9	1260	1720	2900	9240	6970	1200	1220	989	1500	2350	2570	4230
10	1630	846	2580	9270	6350	1400	1430	1870	4500	972	1810	4710
11	1170	955	5580	9240	6260	3000	1600	1190	6000	1470	2160	2330
12	1340	2350	2810	9240	7550	4500	1560	1000	5000	1630	2390	1050
13	1230	6640	904	9060	4400	4000	962	2500	3000	750	4350	981
14	925	3010	919	6720	7800	3000	1000	4500	1200	1100	5510	872
15	1940	1780	863	4990	8460	3700	910	5600	1400	1480	3100	896
16	1190	2510	885	3580	7010	1100	1100	4000	1000	1510	1210	1230
17	1310	3070	2600	2650	4560	2500	920	4100	1100	1130	4870	894
18	5760	1750	3170	2140	7320	3900	1500	3500	1200	925	19400	1680
19	4620	1190	2270	1260	9250	4300	3000	3700	864	909	12700	3180
20	1350	3190	1280	1470	4980	3950	1600	1500	883	978	6520	2730
21	1680	2770	3420	3950	5890	3700	1220	2600	826	1810	10700	1720
22	912	1710	3440	4370	9680	4500	4500	3800	1260	1150	8240	940
23	3520	845	4050	4490	9550	1700	1000	1000	1160	2230	6110	870
24	5920	906	4410	1200	8040	1300	960	900	821	960	7820	934
25	6340	2610	3040	1420	9310	3000	2400	1100	1690	1810	9960	2420
26	5340	3420	3780	2830	9030	5000	2500	900	1880	2710	6560	910
27	1400	4650	3630	2650	7560	2100	2300	860	1280	1360	6800	1070
28	835	3690	5970	2470	6260	3030	1110	850	868	1990	7530	1210
29	2530	4790	5590	1770	---	3150	1300	3500	807	5190	9880	1250
30	4200	3730	3720	2530	---	3320	1420	1500	1170	7680	7970	1420
31	3920	---	3620	4180	---	1650	---	800	---	5570	8530	---
TOTAL	73050	74900	108571	152680	217710	112870	45480	75319	63909	56974	174025	84357
MEAN	2356	2497	3502	4925	7775	3641	1516	2430	2130	1838	5614	2812
MAX	6340	6640	8030	9390	21400	8200	4500	5600	6000	7680	19400	8590
MIN	835	845	863	1200	4400	1100	910	800	807	750	908	870

CAL YR 1984 TOTAL 2260399 MEAN 6176 MAX 24100 MIN 819
WTR YR 1985 TOTAL 1239845 MEAN 3397 MAX 21400 MIN 750

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40", long 80°39'15", Kershaw County, Hydrologic Unit 03050104, in pier of 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 with remote system to district office. Datum of gage is 119.36 ft above National Geodetic Vertical Datum of 1929. January 1903, to September 1910, nonrecording gage at site 1.5 mi downstream at datum 1.65 ft lower. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft upstream at same datum.

REMARKS.--Estimated daily discharges: Jan. 13-17. Records fair. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³).

AVERAGE DISCHARGE.--62 years (water years 1904-10, 1929-85), 6,410 ft³/s, 17.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 366,000 ft³/s Aug. 26, 1908 gage height, 39.7 ft, 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 382,000 ft³/s over dam at Rocky Creek Reservoir; minimum daily, 143 ft³/s Sept. 28, 1980.

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 above.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 16,800 ft³/s Feb. 7, gage height, 15.68 ft; minimum daily, 187 ft³/s May 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3110	269	503	4390	8520	7130	312	886	3340	1440	5080	7980
2	6410	2710	597	3530	12800	5270	2870	3560	923	1540	5460	6630
3	2200	2940	2570	3080	14100	7940	425	3010	3080	1000	3890	11100
4	3450	606	3720	5570	14800	6850	2610	3020	1740	1330	1930	9610
5	1690	225	7200	7560	13900	7330	1540	305	2910	872	879	7800
6	610	1760	8480	7400	16200	8060	1400	3120	4570	1130	672	8560
7	1280	3660	8780	8070	16700	7690	1480	1770	4100	952	1300	5530
8	1230	992	6250	8600	16400	3490	1550	1450	5180	1170	1080	3420
9	280	1710	3340	10100	16000	447	4080	3700	6590	1140	2600	6410
10	1800	616	5180	9210	14500	2760	1470	559	7380	1870	1640	6870
11	586	574	5120	7900	10500	3240	400	3090	7500	1260	1350	2930
12	210	4890	2330	9280	12000	1150	2550	1190	3040	1050	2270	1320
13	196	4300	455	10000	12200	4630	813	3840	2590	866	3190	387
14	194	3510	1570	8000	9580	6410	299	5230	1760	1180	5050	1630
15	211	3100	550	7400	4880	2870	1040	5610	703	1190	1010	1840
16	1550	1190	347	6000	8190	993	1580	5720	1250	1300	3200	1090
17	2220	3150	1160	5370	7750	769	1990	4900	1070	1180	6650	289
18	5580	1710	2030	4880	9150	4970	2010	3960	1310	1230	12600	1710
19	3570	1200	998	1150	6440	3040	1520	954	826	992	12800	1010
20	619	3370	4030	409	9100	5100	3040	3470	1300	1230	12700	516
21	478	3280	4310	4690	9270	2510	1110	5460	1160	1090	12700	240
22	1510	1110	3230	2910	5790	6520	2210	6290	988	1400	13000	3410
23	2630	1040	6080	1500	11400	5860	1660	2420	1290	1280	11200	1560
24	2090	1330	2470	496	10200	682	1100	2530	1170	2570	11200	837
25	3780	1320	2810	509	10600	2420	3020	850	677	6300	12200	537
26	1640	2480	3980	4100	11600	1300	2980	236	306	2000	12900	1140
27	324	4500	3190	1790	7780	3310	2440	187	755	1250	12900	1140
28	689	8590	4180	2150	10100	2270	1170	212	499	2690	12500	1440
29	4010	3410	6640	1340	---	1070	1750	202	1080	5600	12900	1520
30	4380	4700	4120	4140	---	5570	784	404	1050	10900	11300	866
31	1410	---	4580	5080	---	2330	---	1310	---	12700	10500	---
TOTAL	59937	74242	110800	156604	310450	123981	51203	79445	70137	71702	218651	99322
MEAN	1933	2475	3574	5052	11090	3999	1707	2563	2338	2313	7053	3311
MAX	6410	8590	8780	10100	16700	8060	4080	6290	7500	12700	13000	11100
MIN	194	225	347	409	4880	447	299	187	306	866	672	240

CAL YR 1984	TOTAL	2904322	MEAN	7935	MAX	24700	MIN	194
WTR YR 1985	TOTAL	1426474	MEAN	3908	MAX	16700	MIN	187

02148315 WATEREE RIVER BELOW EASTOVER, SC

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

DRAINAGE AREA.--5,590 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft^3/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.43 ft National Geodetic Vertical Datum of 1929 (South Carolina Electric and Gas Company benchmark).

REMARKS.--Estimated daily discharges: Oct 3-9. Records fair. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft^3. Discharge represents only that portion of the flow confined to the main channel. At times of high flow, bankfull capacity is exceeded in the intervening channel reach; therefore, the daily mean discharge is not shown for Feb. 4-14, and Aug. 20-31, 1985, although the discharge was in excess of 10,000 ft^3/s on these days.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined; minimum daily, 648 ft^3/s Oct. 16, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined; minimum daily, 648 ft^3/s) Oct. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1270	3670	5170	4950	5030	8360	4230	1890	997	1330	9170	9430
2	1750	1910	3050	4100	7310	7560	2010	1420	2180	1640	7490	8520
3	4620	1650	1640	4290	9040	6250	1800	2380	2710	1880	5720	7710
4	5800	3630	2200	6290	---	7250	2210	3380	1980	1790	5460	8830
5	3000	2030	3620	9260	---	7010	1800	4000	2990	1610	3360	8700
6	4100	1250	6580	9190	---	6920	2570	2270	2710	1540	2270	8000
7	2400	973	8020	8750	---	7480	2390	1880	3960	1390	1440	7670
8	1500	3150	8030	8930	---	7020	2100	3040	4900	1430	1410	6330
9	1980	2640	7240	9010	---	5520	1880	2360	4790	1330	1670	5130
10	1500	1970	5670	9030	---	2690	3240	3200	6320	1450	1940	5930
11	1090	1860	4820	8470	---	2060	3270	2740	6660	1540	2440	6680
12	1890	1350	5680	8320	---	3690	1820	2220	7140	1850	2210	5010
13	1280	2850	4360	9260	---	2810	1860	3150	5220	1630	2140	3410
14	846	4850	2530	9150	---	3980	2280	2560	3290	1470	2620	2010
15	712	4160	1720	8350	9110	5550	1510	4860	3070	1380	4320	1790
16	648	3710	1850	7290	7540	4380	1220	5640	2020	1470	3450	2210
17	658	3130	1400	6750	7670	2950	1690	5860	1740	1510	2190	2540
18	1850	2710	1820	4220	7550	1770	2080	5640	1820	1510	5550	1700
19	4140	3080	3420	4310	8000	3190	2700	5260	1780	1470	8920	1210
20	4760	2080	2480	3650	7600	4080	2200	3120	1710	1430	---	2160
21	2910	2740	3320	1980	7960	4420	2530	2700	1590	1370	---	1540
22	1450	3730	4870	2940	8390	4050	2860	4810	1660	1390	---	1180
23	1140	2880	4020	4080	7420	5170	2050	6210	1570	1400	---	1510
24	2310	1900	5230	3030	8580	6130	2660	4670	1520	1570	---	3080
25	2740	1950	4760	1830	8780	3360	2020	3320	1590	2050	---	1810
26	3580	1640	3370	1260	8910	2300	2410	2620	1550	4530	---	1470
27	3350	2260	4120	2180	9040	2460	3050	1640	1090	4100	---	1310
28	2050	4040	4200	3250	8340	2470	3070	1050	867	2510	---	1660
29	1190	6980	4680	2210	---	3320	2830	827	998	2480	---	1600
30	2160	5170	6110	2610	---	2690	1980	763	1040	4920	---	1880
31	4390	---	5610	2850	---	3290	---	744	---	8300	---	---
TOTAL	73064	85943	131590	171790	---	140180	70320	96224	81462	65270	---	122010
MEAN	2357	2865	4245	5542	---	4522	2344	3104	2715	2105	---	4067
MAX	5800	6980	8030	9260	---	8360	4230	6210	7140	8300	---	9430
MIN	648	973	1400	1260	---	1770	1220	744	867	1330	---	1180

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: October 1970 to current year.
WATER TEMPERATURE: October 1970 to current year.
DISSOLVED OXYGEN: October 1970 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1970.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 222 microsiemens June 27, 1980; minimum, 40 microsiemens Sept. 1, 1984.
pH: Maximum, 8.5 units Aug. 26, 1980; minimum, 5.8 units Aug. 3, 1982.
WATER TEMPERATURE: Maximum, 32.5°C July 14, 1980; 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, 204 microsiemens June 7; minimum, 84 microsiemens Feb. 22, 23.
pH: Maximum, 7.6 units, July 21; minimum, 6.4 units, Feb. 11, 12, Sept. 3.
WATER TEMPERATURE: Maximum, 31.5°C Aug. 14; minimum, 1.0°C Jan. 22.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L Mar. 8; minimum, 4.7 mg/L Sept. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	137	124	131	149	148	149	168	160	165	165	163	164
2	155	122	136	153	120	145	167	160	164	169	159	166
3	152	130	136	132	120	124	161	144	152	169	154	166
4	137	124	132	159	137	152	144	134	140	163	149	157
5	132	124	128	160	130	153	157	140	148	166	160	164
6	136	124	130	136	125	131	159	147	151	160	150	155
7	130	120	128	137	130	134	160	150	155	160	150	153
8	129	120	124	170	127	153	162	154	159	162	152	157
9	138	120	131	169	160	164	162	154	158	163	154	158
10	133	120	128	172	148	161	162	154	159	163	154	158
11	129	120	127	164	152	159	162	150	156	155	152	153
12	152	123	139	157	124	150	168	160	166	157	150	153
13	141	128	139	157	120	138	168	164	166	158	150	156
14	144	121	139	167	154	159	166	162	164	154	126	137
15	146	138	143	154	144	151	164	150	159	128	126	127
16	139	126	136	154	150	151	165	156	161	126	120	125
17	131	123	126	158	150	154	158	157	157	127	120	125
18	150	130	142	158	152	155	158	140	151	125	122	123
19	144	130	139	159	150	155	166	150	159	125	120	122
20	142	140	141	154	152	153	168	160	165	125	122	124
21	145	140	142	162	144	150	171	159	165	125	104	116
22	144	120	140	163	154	158	172	164	168	122	97	106
23	124	118	120	164	160	161	169	164	168	129	122	127
24	144	120	134	162	154	159	172	164	169	134	124	129
25	151	139	145	162	154	159	170	169	169	133	124	129
26	152	140	147	161	150	157	168	164	166	132	115	123
27	149	144	147	162	150	156	168	162	166	123	105	118
28	152	144	148	168	160	163	169	166	167	128	119	125
29	150	120	132	171	167	170	168	165	166	129	120	126
30	160	119	130	169	160	166	169	166	167	134	122	127
31	152	140	146	---	---	---	169	160	166	128	117	124
MONTH	160	118	136	172	120	153	172	134	161	169	97	138

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	134	120	127	109	104	108	121	114	117	166	145	155
2	132	121	126	109	105	107	120	114	118	159	140	155
3	126	118	124	111	104	107	125	114	120	---	---	---
4	117	115	116	111	104	109	129	114	123	---	---	---
5	117	110	115	112	108	110	128	122	125	---	---	---
6	---	---	---	117	104	112	136	124	128	---	---	---
7	---	---	---	117	110	115	128	107	126	155	139	146
8	120	117	118	120	110	115	129	127	127	158	150	153
9	117	112	114	119	115	117	137	120	127	159	150	155
10	112	104	110	123	114	119	139	124	134	159	149	154
11	109	94	101	124	114	121	140	124	134	159	156	157
12	99	90	96	129	110	119	131	124	129	159	144	151
13	100	94	95	121	114	119	129	120	124	161	150	153
14	100	94	97	123	110	117	130	123	127	159	138	150
15	99	94	98	118	110	116	128	127	127	159	150	158
16	99	95	96	119	114	118	129	123	127	168	154	160
17	100	94	98	124	114	120	132	119	127	173	168	170
18	101	94	98	126	117	125	134	123	128	178	168	173
19	99	94	97	133	114	124	136	124	130	174	169	172
20	99	93	95	125	114	121	133	120	129	175	172	173
21	96	90	93	125	114	120	134	124	130	181	168	172
22	94	84	90	120	114	118	137	130	132	182	171	176
23	93	84	88	118	110	116	132	120	129	181	174	179
24	100	90	94	116	110	114	146	120	135	183	174	180
25	104	98	91	114	110	112	144	140	142	185	174	182
26	105	100	102	115	104	111	143	140	141	189	174	184
27	108	105	106	119	104	112	145	139	141	192	184	188
28	107	100	104	114	108	111	142	134	139	201	160	178
29	---	---	---	123	110	114	146	134	141	160	150	155
30	---	---	---	117	110	113	147	140	145	154	150	153
31	---	---	---	124	112	116	---	---	---	164	150	158
MONTH	134	84	103	133	104	115	147	107	130	201	138	164
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	178	160	170	183	171	178	181	174	179	148	138	143
2	193	180	188	185	180	183	174	160	169	142	138	140
3	199	181	194	183	174	179	187	171	180	144	141	142
4	201	184	195	190	170	186	198	189	194	146	143	145
5	200	190	196	197	188	190	202	194	199	143	141	142
6	199	180	195	200	186	191	199	194	196	143	139	142
7	204	189	197	191	180	186	199	178	192	141	140	141
8	198	189	194	197	185	189	193	180	187	143	140	141
9	195	180	189	197	183	190	193	172	183	144	141	142
10	194	188	190	196	174	188	186	172	183	146	143	144
11	188	184	185	194	185	189	190	180	185	144	142	143
12	185	174	182	198	184	194	186	180	184	146	140	143
13	187	176	181	---	---	---	191	171	182	155	147	153
14	195	177	184	---	---	---	182	160	175	---	---	---
15	188	178	183	---	---	---	184	173	176	---	---	---
16	183	176	180	---	---	---	186	180	182	---	---	---
17	179	170	173	198	190	194	186	176	184	179	164	170
18	176	166	169	194	190	192	182	174	178	186	168	177
19	170	167	168	197	190	195	182	162	172	181	144	163
20	174	168	170	202	180	197	176	173	174	177	159	169
21	172	164	168	199	189	191	176	174	175	170	163	166
22	176	160	169	199	187	191	184	175	180	170	148	163
23	168	160	165	193	188	190	181	172	178	177	144	155
24	178	165	172	198	186	191	172	161	166	175	146	164
25	186	174	180	185	169	173	162	156	158	169	159	163
26	185	180	182	174	160	169	156	150	154	170	161	164
27	199	185	193	177	164	172	154	150	152	174	162	169
28	193	174	187	168	159	164	154	152	154	---	---	---
29	195	174	187	176	157	166	155	148	153	---	---	---
30	191	158	172	172	159	165	155	148	152	---	---	---
31	---	---	---	177	170	174	152	148	150	---	---	---
MONTH	204	158	182	202	157	184	202	148	175	186	138	154
YEAR	204	84	150									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.5	19.0	20.0	23.0	22.0	22.5	13.0	11.0	12.0	14.5	13.0	13.5
2	20.0	18.5	19.0	23.0	22.0	22.5	12.5	11.5	12.0	15.0	13.5	14.0
3	21.5	19.0	20.5	22.5	20.0	21.0	13.0	12.0	12.5	14.5	12.5	14.0
4	22.0	20.5	21.5	20.5	20.0	20.0	12.5	11.5	12.0	13.0	11.5	12.0
5	21.5	20.5	21.0	20.0	19.0	19.5	11.5	11.0	11.5	11.5	11.0	11.5
6	22.5	21.0	22.0	19.0	17.0	18.5	11.5	10.5	11.0	11.5	10.5	11.0
7	22.5	21.0	22.0	17.0	15.5	16.5	11.0	10.0	10.5	11.5	10.5	11.0
8	23.0	21.5	22.0	17.0	14.5	16.0	10.0	9.5	10.0	11.5	10.5	11.0
9	23.0	21.5	22.0	17.0	16.0	16.5	10.0	9.5	10.0	11.0	10.5	11.0
10	23.0	22.0	22.5	16.5	15.5	16.0	10.5	9.5	10.0	11.0	10.0	10.5
11	23.0	21.5	22.0	16.5	16.0	16.0	10.5	9.5	10.0	10.5	10.0	10.0
12	22.5	21.0	22.0	16.5	15.0	16.0	11.0	10.0	10.5	10.0	9.5	10.0
13	22.5	21.0	21.5	15.0	14.0	14.5	11.5	10.5	11.0	10.0	9.5	10.0
14	22.5	20.5	21.5	16.5	15.0	16.0	11.5	10.5	11.0	9.5	8.5	9.0
15	22.5	20.5	21.5	15.5	14.5	15.5	12.5	11.0	12.0	9.0	8.5	8.5
16	22.5	20.5	22.0	16.5	15.0	15.5	13.0	12.0	12.5	8.5	8.0	8.0
17	23.0	21.5	22.0	16.0	14.5	15.5	13.5	12.5	13.0	8.5	8.0	8.5
18	23.5	22.0	22.5	15.0	14.0	14.5	14.5	13.0	13.5	9.0	7.0	8.5
19	23.5	22.0	22.5	16.5	14.5	15.5	14.0	12.0	13.0	9.0	8.0	8.5
20	23.0	22.5	22.5	16.0	14.0	15.0	13.0	12.5	12.5	8.5	6.5	7.5
21	23.5	22.0	23.0	14.0	12.5	13.5	14.0	12.5	13.0	6.5	5.0	6.0
22	24.0	23.0	23.5	13.0	12.5	12.5	13.0	12.5	12.5	5.5	1.0	4.0
23	24.0	23.0	23.5	13.0	11.5	12.0	12.5	11.5	12.0	5.5	3.5	5.0
24	24.0	23.0	23.5	12.5	11.5	12.0	11.5	10.5	11.0	5.5	4.0	5.0
25	23.5	22.0	23.0	11.5	11.0	11.0	12.0	11.5	12.0	6.5	5.0	6.0
26	23.0	22.0	22.5	12.0	10.5	11.5	12.0	11.5	11.5	6.5	5.0	6.0
27	23.0	21.5	22.5	12.5	11.5	12.0	12.0	11.5	11.5	6.0	5.5	5.5
28	23.5	22.0	22.5	14.0	12.5	13.5	13.0	11.0	12.0	6.0	5.5	6.0
29	24.0	23.0	23.5	13.5	12.5	13.0	14.0	12.5	13.0	6.5	5.5	6.0
30	24.0	22.0	23.5	12.5	12.0	12.0	13.5	12.5	13.0	6.5	5.5	6.0
31	23.5	22.0	23.0	---	---	---	13.5	12.5	13.0	8.0	6.0	7.0
MONTH	24.0	18.5	22.0	23.0	10.5	15.5	14.5	9.5	12.0	15.0	1.0	8.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	7.0	7.5	11.0	10.5	10.5	18.5	17.5	17.5	25.0	22.5	23.5
2	8.5	7.0	8.0	11.0	10.5	11.0	18.5	17.0	17.5	24.0	23.0	23.5
3	8.0	7.0	7.0	12.0	10.5	11.0	18.5	17.0	17.5	23.5	20.5	22.5
4	7.0	6.5	7.0	12.0	11.5	12.0	19.0	17.0	18.0	22.0	20.0	20.5
5	6.5	6.0	6.0	12.5	11.5	12.0	20.0	18.0	19.0	22.0	20.0	21.0
6	---	---	---	13.5	11.0	12.5	19.5	18.5	19.5	23.5	20.5	22.0
7	6.5	6.0	6.5	12.5	10.5	11.5	20.0	18.5	19.5	24.5	22.5	23.5
8	6.5	6.0	6.5	13.5	12.0	12.5	19.5	18.5	19.0	24.5	22.0	23.0
9	6.5	5.5	6.0	13.5	12.5	13.0	18.5	17.5	18.0	23.0	21.5	22.0
10	7.0	6.0	6.5	14.5	12.5	13.5	17.5	16.0	17.0	22.0	21.0	21.5
11	7.0	6.5	7.0	14.5	13.5	14.0	18.0	16.0	17.0	23.0	21.0	22.0
12	7.0	6.5	6.5	14.5	13.5	14.5	19.0	17.0	18.0	24.5	22.5	23.5
13	6.5	6.0	6.5	15.0	13.0	14.0	19.5	18.5	19.0	24.5	23.0	23.5
14	6.5	6.0	6.5	16.0	14.5	15.0	19.5	18.5	19.0	25.5	23.0	24.5
15	6.5	6.0	6.5	16.0	14.5	15.0	19.5	18.5	19.0	25.5	23.0	24.0
16	6.5	6.0	6.0	14.5	14.0	14.5	21.0	19.0	20.0	25.0	23.5	24.0
17	7.0	6.0	6.5	15.0	14.0	14.5	22.0	19.5	20.5	24.5	22.0	23.5
18	7.0	6.0	7.0	15.0	13.5	14.0	22.5	20.0	21.0	23.5	21.0	23.0
19	7.5	7.0	7.0	14.0	12.5	13.5	22.5	20.0	21.0	24.0	21.0	23.5
20	18.5	7.0	10.0	15.0	13.0	14.0	23.0	20.0	22.0	24.5	23.0	23.5
21	10.5	7.5	8.5	14.5	13.5	14.0	24.5	22.0	23.0	25.0	24.0	24.5
22	13.5	9.0	11.0	14.0	13.0	13.5	23.0	20.5	22.5	25.0	24.0	24.5
23	19.5	12.0	14.5	13.5	12.5	13.0	23.5	22.0	22.5	24.5	24.0	24.0
24	24.0	12.0	18.5	14.5	13.5	14.0	23.0	22.0	22.5	24.5	23.5	24.0
25	20.5	9.0	12.5	15.0	13.5	14.5	23.5	21.5	22.5	25.0	23.0	24.0
26	9.5	9.0	9.0	15.5	14.0	15.0	24.0	21.5	23.0	25.0	23.0	24.0
27	10.5	9.5	10.0	16.5	14.5	15.5	23.5	22.0	23.0	26.0	24.0	25.0
28	11.5	10.0	11.0	17.5	16.0	17.0	23.5	23.0	23.0	26.5	24.5	25.5
29	---	---	---	18.0	17.0	17.5	23.5	22.0	23.0	26.5	24.5	25.5
30	---	---	---	19.5	17.5	18.5	24.0	21.5	23.0	25.5	24.0	25.0
31	---	---	---	20.5	18.5	19.5	---	---	---	26.0	23.5	25.0
MONTH	24.0	5.5	8.5	20.5	10.5	14.0	24.5	16.0	20.0	26.5	20.0	23.5

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	25.5	27.0	27.5	25.0	26.0	---	---	---	27.5	26.5	27.0
2	28.5	27.5	28.0	28.0	26.0	27.0	---	---	---	28.0	26.5	27.0
3	28.5	27.5	28.0	28.5	26.5	27.5	---	---	---	28.5	27.0	27.5
4	30.0	28.0	29.0	29.0	27.5	28.5	---	---	---	28.5	27.0	27.5
5	29.5	28.5	29.0	28.5	27.5	28.5	---	---	---	28.5	27.0	28.0
6	30.0	28.0	29.0	28.0	27.5	28.0	---	---	---	29.0	27.5	28.0
7	29.0	27.5	28.0	29.0	27.5	28.0	---	---	---	29.0	28.0	28.0
8	27.5	26.0	27.0	29.5	27.5	28.5	---	---	---	29.5	28.0	29.0
9	28.0	26.5	27.5	30.0	28.0	29.0	---	---	---	31.0	28.5	29.5
10	28.5	27.0	28.0	30.5	29.0	30.0	---	---	---	30.5	29.0	29.5
11	28.5	27.5	28.0	31.0	30.0	30.0	---	---	---	29.5	28.5	29.0
12	28.0	27.0	27.5	30.0	28.5	29.0	---	---	---	29.0	28.0	28.5
13	28.0	27.0	27.5	---	---	---	30.5	29.0	30.0	28.0	25.5	27.0
14	27.5	26.5	27.0	---	---	---	31.5	29.5	30.0	---	---	---
15	28.0	26.0	27.5	---	---	---	29.5	28.0	29.0	---	---	---
16	27.5	26.0	26.5	31.0	29.5	30.0	29.0	28.0	28.5	---	---	---
17	28.5	26.0	27.5	30.5	29.5	30.0	30.0	29.0	29.5	25.0	23.5	24.5
18	29.5	28.0	29.0	30.0	29.0	29.5	29.5	28.0	29.0	25.5	24.0	25.0
19	29.0	27.5	28.5	30.5	29.0	29.5	28.5	27.5	28.0	25.5	24.0	25.0
20	29.0	27.0	28.0	31.0	29.0	30.0	29.0	28.0	28.5	26.5	24.5	25.5
21	29.0	27.0	28.0	31.0	27.5	30.5	29.5	28.5	29.0	26.5	26.0	26.0
22	29.5	27.5	28.5	31.0	30.0	30.5	28.5	28.0	28.5	27.0	25.5	26.5
23	30.0	28.5	29.5	31.0	30.0	30.5	28.5	28.0	28.0	27.0	25.5	26.0
24	30.5	29.0	30.0	30.0	28.0	29.0	28.0	27.5	28.0	26.5	26.5	26.5
25	30.5	29.0	30.0	28.0	23.5	26.5	28.5	27.0	27.5	27.0	26.0	26.5
26	30.5	29.0	29.5	---	---	---	27.5	27.0	27.0	26.5	25.0	26.0
27	29.5	27.5	28.5	---	---	---	27.5	27.0	27.5	26.0	25.0	25.5
28	28.0	27.0	27.5	---	---	---	28.0	27.0	27.5	---	---	---
29	27.5	27.0	27.0	---	---	---	27.5	26.5	27.0	---	---	---
30	27.0	25.5	26.0	---	---	---	26.5	26.0	26.5	---	---	---
31	---	---	---	---	---	---	27.0	26.5	27.0	---	---	---
MONTH	30.5	25.5	28.0	31.0	23.5	29.0	31.5	26.0	28.0	31.0	23.5	27.0
YEAR	31.5	1.0	19.0									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	6.8	6.9	6.7	6.4	6.6	9.3	9.1	9.2	9.2	9.0	9.1
2	7.2	6.8	7.0	6.7	6.5	6.6	9.3	9.1	9.2	9.4	8.8	9.0
3	6.9	6.2	6.5	7.1	6.3	6.7	9.2	8.2	9.0	9.2	8.5	8.9
4	6.5	6.3	6.4	7.0	6.7	6.9	9.5	8.8	9.1	9.3	9.1	9.2
5	6.6	6.4	6.5	7.3	6.8	7.1	9.5	9.4	9.5	9.2	8.9	9.1
6	6.5	6.3	6.4	7.4	7.2	7.3	9.5	9.2	9.4	9.2	8.9	9.1
7	6.4	6.2	6.3	7.7	7.4	7.5	9.5	9.2	9.4	9.2	8.9	9.1
8	6.3	6.0	6.2	8.0	7.3	7.7	9.8	9.4	9.6	9.4	9.0	9.3
9	6.3	6.0	6.2	7.7	7.3	7.5	9.9	9.6	9.8	9.2	8.7	8.9
10	6.5	6.1	6.3	8.0	7.6	7.8	10.0	9.6	9.8	9.1	8.8	9.0
11	6.3	6.2	6.3	8.1	7.7	8.0	9.8	9.6	9.7	9.4	9.1	9.2
12	6.5	6.1	6.3	8.0	7.6	7.8	9.8	9.6	9.7	9.5	9.3	9.4
13	6.4	6.2	6.3	8.3	7.8	8.1	9.8	9.5	9.7	9.6	9.3	9.4
14	6.2	6.0	6.1	7.9	7.4	7.6	9.7	9.4	9.6	10.0	9.0	9.3
15	6.1	5.9	6.0	8.2	7.7	8.0	9.5	9.2	9.4	9.4	9.1	9.3
16	6.3	6.0	6.1	8.1	7.8	8.0	9.4	9.1	9.3	9.6	9.3	9.5
17	6.3	6.1	6.2	8.1	7.8	8.0	9.5	9.1	9.4	9.6	9.5	9.5
18	6.5	6.0	6.3	8.2	8.1	8.2	9.3	9.0	9.2	9.5	9.2	9.4
19	6.3	5.9	6.1	8.3	8.0	8.2	9.9	9.1	9.7	9.7	9.1	9.4
20	6.3	5.9	6.1	8.4	8.1	8.2	9.8	9.4	9.6	9.7	9.4	9.6
21	6.3	6.2	6.2	8.8	8.4	8.6	9.6	9.1	9.4	9.8	9.5	9.7
22	6.3	5.5	6.0	9.2	8.7	9.0	9.8	9.3	9.6	11.2	9.7	10.3
23	5.9	5.7	5.8	9.3	9.0	9.2	9.7	9.3	9.5	10.9	10.2	10.4
24	6.2	5.9	6.0	9.5	9.1	9.4	9.8	9.5	9.7	10.8	10.5	10.6
25	6.5	6.0	6.3	9.9	9.5	9.7	9.8	9.5	9.7	10.5	10.0	10.3
26	6.9	6.5	6.7	9.9	9.6	9.7	9.6	9.3	9.5	10.2	10.0	10.1
27	7.0	6.6	6.8	9.8	9.6	9.7	9.9	9.4	9.7	10.7	10.1	10.3
28	6.9	6.6	6.8	9.6	9.1	9.4	9.8	9.4	9.7	10.9	10.5	10.7
29	6.7	6.4	6.6	9.1	8.7	8.9	9.7	9.4	9.5	10.6	10.2	10.4
30	6.7	6.1	6.5	9.3	8.9	9.1	9.5	9.0	9.4	10.8	10.2	10.6
31	6.7	6.3	6.5	---	---	---	9.4	9.0	9.2	10.8	10.6	10.7
MONTH	7.2	5.5	6.4	9.9	6.3	8.2	10.0	8.2	9.5	11.2	8.5	9.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.2	10.7	11.0	10.5	10.0	10.3	9.4	8.6	9.1	7.9	7.0	7.5
2	10.9	10.6	10.8	10.4	9.8	10.0	8.9	7.4	8.4	7.8	7.3	7.5
3	11.0	10.7	10.9	9.7	9.5	9.6	7.9	7.4	7.7	7.9	7.3	7.5
4	11.2	10.8	11.0	10.0	9.4	9.8	8.7	7.4	8.2	7.8	7.4	7.6
5	11.4	11.2	11.3	9.8	9.0	9.6	8.4	7.8	8.0	7.6	7.0	7.4
6	---	---	---	11.6	8.9	9.9	8.3	7.5	8.0	7.4	6.9	7.1
7	10.5	10.2	10.3	12.4	11.6	12.2	8.1	7.8	8.0	7.1	6.7	6.9
8	10.3	10.0	10.2	12.6	11.7	12.3	8.1	8.0	8.1	7.3	6.5	7.0
9	10.1	10.0	10.1	11.5	10.6	11.0	8.2	7.8	8.1	7.6	7.4	7.4
10	10.1	9.8	10.0	10.6	9.9	10.2	8.8	8.1	8.4	8.2	7.6	7.9
11	10.0	9.7	9.9	9.9	8.5	8.8	9.2	8.4	8.9	7.9	7.6	7.8
12	10.1	9.6	9.8	9.8	8.7	9.4	8.7	8.1	8.4	7.8	7.4	7.7
13	10.4	9.8	10.1	9.5	9.0	9.3	8.2	7.7	8.0	7.9	7.3	7.7
14	10.5	10.1	10.4	9.4	8.7	9.0	8.5	7.9	8.2	7.6	6.9	7.3
15	10.7	10.2	10.4	9.5	9.3	9.4	8.3	7.8	8.1	7.4	6.8	7.2
16	10.7	10.3	10.6	9.4	9.1	9.3	7.8	7.6	7.7	7.2	6.7	7.0
17	11.4	10.6	11.1	9.2	8.9	9.0	8.1	7.6	7.9	7.0	6.6	6.8
18	11.5	11.2	11.3	9.0	8.7	8.8	8.2	7.8	8.0	7.1	6.6	6.9
19	11.8	11.1	11.5	9.4	8.7	9.0	8.3	7.9	8.1	7.6	6.5	7.1
20	11.6	8.9	10.8	9.8	9.4	9.6	8.2	7.8	8.0	7.1	6.3	6.8
21	10.8	9.8	10.4	9.4	9.1	9.3	7.9	7.4	7.7	6.8	6.1	6.6
22	10.2	9.9	10.0	9.4	9.2	9.3	8.2	7.5	7.9	6.8	6.0	6.5
23	---	---	---	9.3	9.0	9.2	8.0	7.5	7.8	6.8	6.2	6.5
24	---	---	---	9.3	9.1	9.2	7.9	7.2	7.5	6.8	6.2	6.6
25	11.1	11.1	11.0	9.1	8.7	8.9	7.9	7.6	7.8	6.8	6.5	6.7
26	10.9	10.1	10.5	8.7	8.5	8.6	7.8	7.5	7.7	7.2	6.5	6.9
27	10.8	10.2	10.6	9.2	8.5	8.9	7.9	7.5	7.7	7.1	6.6	6.9
28	10.3	9.7	9.9	8.9	8.5	8.6	7.8	7.5	7.7	7.2	6.4	6.8
29	---	---	---	8.9	8.1	8.6	7.7	7.3	7.6	6.9	4.9	6.2
30	---	---	---	8.6	7.9	8.3	7.6	7.3	7.4	5.7	5.0	5.4
31	---	---	---	8.4	7.2	7.7	---	---	---	6.2	5.3	5.8
MONTH	11.8	8.9	10.6	12.6	7.2	9.5	9.4	7.2	8.0	8.2	4.9	7.0

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.3	5.6	6.0	---	---	---	---	---	---	5.4	5.2	5.3
2	6.0	5.5	5.8	---	---	---	---	---	---	5.5	5.3	5.4
3	5.8	5.1	5.5	---	---	---	5.8	5.0	5.4	6.2	5.5	5.9
4	6.1	5.4	5.7	---	---	---	6.1	5.6	5.9	6.8	5.5	5.9
5	5.6	5.0	5.3	---	---	---	6.3	5.7	6.0	5.8	5.4	5.6
6	7.2	5.4	6.3	---	---	---	6.2	5.7	5.9	5.7	5.3	5.5
7	7.0	6.5	6.7	---	---	---	6.4	5.5	6.1	5.5	5.1	5.3
8	6.7	6.2	6.5	6.8	6.3	6.8	6.3	5.8	6.1	5.2	4.9	5.0
9	6.5	5.9	6.2	6.7	6.0	6.4	6.3	5.8	6.1	5.5	4.7	5.1
10	6.3	---	---	6.7	6.1	6.4	6.5	6.0	6.2	5.5	5.0	5.2
11	6.0	---	---	6.4	5.9	6.2	6.1	5.8	5.9	5.5	---	---
12	5.6	---	---	6.3	6.0	6.1	6.2	5.8	6.0	5.5	5.0	5.2
13	5.8	---	---	---	---	---	7.1	6.0	6.5	---	---	---
14	6.8	---	---	---	---	---	7.4	6.4	6.7	---	---	---
15	7.0	6.3	6.7	---	---	---	6.4	5.0	5.4	---	---	---
16	6.9	6.4	6.6	---	---	---	6.9	5.9	6.3	---	---	---
17	7.2	6.3	6.7	6.6	6.1	6.3	7.2	6.3	6.7	6.3	6.1	6.2
18	6.8	6.3	6.6	6.7	6.0	6.3	7.5	5.7	6.5	6.2	6.0	6.1
19	6.8	6.1	6.5	6.7	6.2	6.4	5.9	5.0	5.3	6.4	6.0	6.1
20	6.9	6.3	6.6	6.8	---	6.3	6.3	5.3	5.5	6.7	6.4	6.6
21	7.1	6.4	6.8	6.5	---	6.0	6.2	5.4	5.5	6.5	6.3	6.4
22	7.1	6.5	6.8	6.4	6.0	6.2	6.4	5.0	5.3	6.7	6.4	6.5
23	7.2	6.4	6.8	6.5	6.0	6.2	5.5	5.1	5.1	6.9	6.4	6.7
24	7.2	6.3	6.8	6.5	6.0	6.3	6.0	5.1	5.3	6.7	6.5	6.6
25	7.0	6.4	6.7	6.5	6.3	6.4	5.6	5.3	5.4	6.7	6.6	6.7
26	7.2	6.5	6.8	6.4	5.0	5.8	6.2	5.2	5.4	7.1	6.7	6.9
27	6.7	6.1	6.4	5.8	5.0	5.4	5.4	5.2	5.3	7.2	6.8	7.0
28	6.7	6.1	6.4	6.1	5.8	5.9	5.5	5.3	5.4	---	---	---
29	6.6	6.0	6.2	6.4	5.9	6.2	5.7	5.4	5.5	---	---	---
30	---	---	---	6.4	5.3	6.0	5.7	5.4	5.5	---	---	---
31	---	---	---	---	---	---	5.4	5.2	5.3	---	---	---
MONTH	7.2	5.0	6.4	6.8	5.0	6.2	7.5	5.0	5.8	7.2	4.7	6.0
YEAR	12.6	4.7	7.8									

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45", long 81°23'17", York County, Hydrologic Unit 03050105, at Road 55 bridge 3.0 mi northeast of Smyrna and 10.1 mi northwest of York, SC.

DRAINAGE AREA.--24.1 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 565 ft (topographic map).

REMARKS.--Estimated daily discharges: Dec. 9-31, Jan. 10-16, 20-26, Mar. 27-31, Apr. 3-4, 8-12, and Aug 21-22. Records fair except for periods of estimated record which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,890 ft^3/s, Aug. 17, 1985, gage height, 13.22 ft; minimum daily 1.1 ft^3/s Sept. 20-31, 1981, and Sept. 12-13 and 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,890 ft^3/s, Aug. 17, gage height, 13.22 ft; minimum daily 3.3 ft^3/s Aug. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	9.0	9.6	15	276	24	16	11	7.9	7.2	11	9.0
2	11	9.0	13	17	200	23	15	12	7.1	12	7.8	8.4
3	9.1	8.5	35	41	45	22	14	27	7.2	8.5	5.8	8.2
4	8.6	8.8	17	106	31	21	13	16	6.8	6.5	5.0	7.9
5	8.4	9.6	31	39	35	21	15	13	22	5.9	4.5	7.5
6	8.4	9.3	35	26	48	20	20	12	13	5.7	4.4	7.4
7	8.9	8.7	20	23	42	19	17	11	12	13	4.7	7.3
8	8.7	8.5	17	21	30	19	16	12	20	8.1	5.0	7.0
9	8.6	8.6	15	20	26	19	15	13	10	6.0	5.3	6.8
10	8.4	8.8	14	16	24	19	14	13	8.5	5.4	4.9	6.6
11	8.2	13	12	15	25	18	13	14	8.1	7.8	4.2	6.7
12	8.2	11	11	14	60	19	12	13	8.8	5.6	3.8	7.1
13	8.1	9.4	10	313	33	17	14	12	7.2	7.5	3.7	7.5
14	8.6	8.9	9.5	12	27	18	15	11	6.5	8.6	3.5	17
15	6.3	8.8	8.5	11	25	17	15	10	6.6	6.0	3.4	5.7
16	6.6	9.1	8.0	13	23	17	22	19	14	5.2	3.3	4.6
17	7.6	9.3	7.8	19	22	17	23	16	9.4	4.6	1000	4.5
18	8.4	8.6	7.7	19	22	16	17	12	7.4	4.1	96	4.4
19	8.3	9.5	7.6	18	20	16	15	11	6.7	3.8	20	4.3
20	8.0	12	7.4	14	21	16	15	9.9	6.2	4.0	12	4.2
21	8.2	8.6	7.2	12	19	16	14	9.7	5.9	4.0	10	4.2
22	24	9.5	10	11	18	24	13	9.5	5.6	3.7	9.0	4.2
23	13	9.4	8.5	10	18	24	13	9.5	5.6	3.7	9.3	4.0
24	11	9.3	7.8	9.5	18	20	13	9.2	5.5	5.0	108	4.0
25	10	8.0	7.2	9.0	19	19	17	9.2	5.9	15	55	4.1
26	8.2	16	6.8	12	59	17	13	8.5	5.4	12	21	3.8
27	8.5	19	6.6	15	34	16	12	8.3	5.5	8.4	17	3.6
28	9.1	18	6.5	17	27	15	13	8.0	4.8	14	13	3.4
29	11	16	6.4	18	---	14	12	8.1	6.1	9.2	9.9	3.5
30	10	10	7.0	17	---	13	11	8.0	12	7.2	10	3.6
31	10	---	8.4	36	---	15	---	8.3	---	6.8	11	---
TOTAL	301.4	312.2	378.5	938.5	1247	571	447	364.2	257.7	224.5	1481.5	180.5
MEAN	9.72	10.4	12.2	30.3	44.5	18.4	14.9	11.7	8.59	7.24	47.8	6.02
MAX	24	19	35	313	276	24	23	27	22	15	1000	17
MIN	6.3	8.0	6.4	9.0	18	13	11	8.0	4.8	3.7	3.3	3.4

CAL YR 1984	TOTAL	12096.8	MEAN	33.1	MAX	438	MIN	6.3
WTR YR 1985	TOTAL	6704.0	MEAN	18.4	MAX	1000	MIN	3.3

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

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

DRAINAGE AREA.--116 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 715.56 ft above National Geodetic Vertical Datum of 1929. From Nov. 26, 1929 to Nov. 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Estimated daily discharges: July 25 to 31. Records good, except for periods of estimated record which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--56 years, 211 ft³/s, 24.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/s, Aug. 14, 1940, gage height, 27.13 ft from rating curve extended above 4,300 ft³/s on basis of computation of peak flow over dam 2.0 mi above station; minimum, 9.0 ft³/s, Oct. 6, 1954; minimum daily, 28 ft³/s Oct. 6, 7, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base discharge of 1,600 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)
Aug. 18	1315	*2,640	*10.46

Minimum discharge, 44 ft³/s, Sept. 14, gage height 2.93 ft; minimum daily, 57 ft³/s, Sept. 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	145	119	123	108	616	172	132	113	91	110	119	119
2	115	116	122	117	696	172	127	120	87	106	104	107
3	108	113	183	235	438	166	124	144	86	96	94	100
4	106	120	147	411	281	161	123	119	84	80	84	89
5	105	142	182	289	259	159	123	112	80	112	79	90
6	104	123	262	209	266	153	150	110	81	92	78	86
7	104	113	184	178	237	148	135	107	102	89	87	83
8	106	111	157	161	207	148	124	111	116	76	133	79
9	109	111	145	149	188	150	121	131	95	69	114	78
10	107	111	137	142	178	148	119	137	83	66	93	80
11	105	149	132	138	174	144	119	143	80	65	84	78
12	102	128	127	132	440	143	119	135	81	79	81	77
13	101	116	124	128	320	139	121	161	78	68	82	78
14	99	112	122	126	246	138	135	131	73	83	75	75
15	99	109	121	125	216	136	176	116	72	81	70	72
16	100	108	119	121	199	134	331	109	82	92	75	70
17	100	106	118	132	187	134	248	107	79	93	434	69
18	103	106	116	138	178	131	185	104	73	74	1790	68
19	101	111	116	128	172	128	164	99	70	68	468	66
20	101	115	116	122	180	129	151	97	70	64	194	65
21	107	107	117	84	168	129	143	97	65	61	152	64
22	176	105	121	115	160	140	136	106	63	60	129	65
23	140	105	122	131	157	142	131	111	62	66	114	63
24	183	105	114	125	155	151	132	100	63	78	113	65
25	142	104	113	119	158	141	139	99	98	100	236	65
26	124	104	111	113	170	134	126	96	77	150	190	61
27	116	105	109	110	170	132	121	93	65	160	157	62
28	121	193	109	115	171	131	122	91	61	150	135	58
29	169	183	109	117	---	131	118	101	61	180	121	57
30	147	134	108	114	---	130	115	95	79	150	204	58
31	126	---	107	142	---	130	---	95	---	130	143	---
TOTAL	3671	3584	4093	4574	6987	4424	4310	3490	2357	2948	6032	2247
MEAN	118	119	132	148	250	143	144	113	78.6	95.1	195	74.9
MAX	183	193	262	411	696	172	331	161	116	180	1790	119
MIN	99	104	107	84	155	128	115	91	61	60	70	57

CAL YR 1984	TOTAL	82894	MEAN	226	MAX	2580	MIN	95
WTR YR 1985	TOTAL	48717	MEAN	133	MAX	1790	MIN	57

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'45", long 82°02'26", Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi upstream from the dam and 2.8 mi southwest of Fingerville.

DRAINAGE AREA.--79.4 mi^2.

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

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Spartanburg Water Works datum).

REMARKS.--Reservoir is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gal. Spillway crest is 815 ft NGVD. Water used as inflow to South Pacolet River Reservoir, capacity, 1,104,000,000 gal.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 817.44 ft Oct. 9, 1976; minimum, 809.28 ft Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 815.95 ft Aug. 18; minimum, 810.68 ft, Jan. 30.

Capacity table (elevation, in feet) and usable contents
(in billions of gallons)
(Prepared from curve by Wiedeman and Singleton Engineers of Atlanta, Ga)

811 ft	5.45
812 ft	5.90
813 ft	6.35
814 ft	6.80
815 ft	7.30
816 ft	7.80

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814.42	814.18	814.18	812.12	811.92	811.59	812.34	813.64	814.70	814.00	814.10	815.20
2	814.38	814.18	814.18	812.10	812.63	811.58	812.36	813.76	814.69	813.99	814.04	815.15
3	814.34	814.16	814.18	812.32	812.88	811.56	812.38	813.85	814.68	813.91	813.97	815.08
4	814.30	814.24	814.12	812.64	812.97	811.55	812.41	813.89	814.66	813.90	813.91	815.00
5	814.25	814.26	814.23	812.69	813.11	811.53	812.50	813.91	814.63	813.85	813.84	814.92
6	814.21	814.26	814.28	812.66	813.19	811.47	812.52	813.94	814.63	813.83	813.78	814.83
7	814.17	814.26	814.24	812.62	813.23	811.44	812.54	813.96	814.67	813.79	813.80	814.74
8	814.14	814.27	814.19	812.56	813.24	811.40	812.56	814.01	814.64	813.75	813.79	814.65
9	814.10	814.27	814.12	812.49	813.22	811.38	812.56	814.09	814.60	813.70	813.77	814.56
10	814.07	814.29	814.05	812.42	813.20	811.33	812.59	814.14	814.55	813.66	813.75	814.52
11	814.03	814.35	813.98	812.35	813.29	811.30	812.61	814.24	814.50	813.65	813.73	814.45
12	813.98	814.34	813.90	812.26	813.41	811.25	812.64	814.35	814.44	813.67	813.71	814.41
13	813.94	814.33	813.82	812.17	813.38	811.23	812.70	814.41	814.37	813.65	813.68	814.37
14	813.91	814.32	813.73	812.09	813.28	811.30	812.75	814.46	814.32	813.62	813.66	814.34
15	813.87	814.32	813.65	812.00	813.16	811.35	812.86	814.48	814.31	813.59	813.62	814.31
16	813.84	814.30	813.56	811.91	813.02	811.40	813.03	814.51	814.35	813.59	813.62	814.28
17	813.81	814.28	813.47	811.88	812.87	811.44	813.12	814.51	814.35	813.58	815.34	814.26
18	813.78	814.28	813.38	811.80	812.72	811.48	813.18	814.52	814.33	813.58	815.43	814.23
19	813.75	814.28	813.31	811.71	812.58	811.53	813.22	814.53	814.31	813.58	815.06	814.21
20	813.74	814.27	813.23	811.60	812.45	811.57	813.26	814.54	814.30	813.57	814.92	814.19
21	813.73	814.26	813.14	811.51	812.28	811.64	813.29	814.58	814.29	813.56	815.27	814.16
22	813.94	814.24	813.07	811.38	812.12	811.81	813.30	814.67	814.27	813.57	815.21	814.14
23	813.99	814.23	812.98	811.29	811.95	811.90	813.34	814.73	814.26	813.58	815.13	814.12
24	814.11	814.23	812.89	811.21	811.78	811.96	813.40	814.74	814.29	813.63	815.16	814.11
25	814.12	814.21	812.79	811.13	811.72	812.01	813.45	814.74	814.27	813.71	815.56	814.06
26	814.11	814.21	812.69	811.02	811.77	812.05	813.48	814.74	814.22	813.80	815.50	814.05
27	814.09	814.19	812.59	810.92	811.67	812.10	813.52	814.73	814.12	813.84	815.44	814.00
28	814.10	814.39	812.50	810.85	811.59	812.15	813.56	814.73	814.10	813.91	815.40	813.96
29	814.14	814.35	812.41	810.77	---	812.20	813.58	814.72	814.05	814.00	815.35	813.92
30	814.15	814.27	812.31	810.68	---	812.24	813.61	814.72	814.01	814.01	815.31	813.90
31	814.15	---	812.21	810.98	---	812.30	---	814.72	---	814.12	815.26	---
MAX	814.42	814.39	814.28	812.69	813.41	812.30	813.61	814.74	814.70	814.12	815.56	815.20
MIN	813.73	814.16	812.21	810.68	811.59	811.23	812.34	813.64	814.01	813.56	813.62	813.90
(+)	6.87	6.93	5.99	5.44	5.71	6.03	6.62	7.16	6.80	6.86	7.43	6.75
(*)	-56	23	-350	-205	112	119	228	202	-139	22	213	-262

CAL YR 1984 * -16.44 MAX 815.66 MIN 811.50
WTR YR 1985 * -8.6 MAX 815.56 MIN 810.68

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

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

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

DRAINAGE AREA.--212 mi^2.

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

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

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

REMARKS.--No estimated daily discharge. Records good. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (see preceding page). Some diurnal fluctuation caused by mill on North Pacolet River. About 43.0 ft^3/s per day diverted above station for City of Spartanburg water supply during water year.

AVERAGE DISCHARGE.--56 years, 351 ft^3/s, 22.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,800 ft^3/s Aug. 14, 1940, gage height, 22.43 ft, from rating curve extended above 9,600 ft^3/s by velocity-area studies; minimum daily, 32 ft^3/s Oct. 6, 7, 1954.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,790 ft^3/s Aug. 18, gage height, 7.31 ft; minimum daily, 71 ft^3/s Sept. 28,29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	239	183	252	240	1060	433	150	124	123	122	128	228
2	205	180	233	256	1170	276	143	131	99	120	111	164
3	152	176	422	467	725	236	139	160	131	108	100	137
4	149	185	286	738	465	232	139	132	139	89	92	105
5	193	194	350	589	448	228	142	123	161	123	87	101
6	221	166	575	395	457	246	184	120	146	101	86	119
7	174	187	280	248	504	249	150	117	110	97	87	108
8	153	177	229	227	489	249	138	122	126	86	136	93
9	181	165	236	275	343	253	133	144	103	95	125	122
10	190	164	276	235	317	248	132	151	91	95	103	111
11	161	217	269	275	296	242	133	160	88	86	93	110
12	150	176	263	266	746	273	132	151	89	102	91	86
13	186	160	260	269	683	276	133	180	86	79	109	87
14	192	154	255	268	562	247	149	145	82	91	87	84
15	161	148	255	264	516	181	190	129	81	88	105	81
16	143	149	253	263	475	175	415	119	90	101	84	80
17	150	146	263	275	436	177	297	117	89	101	683	80
18	147	146	254	283	413	176	210	114	81	84	3430	78
19	170	153	251	270	420	172	186	110	79	86	1050	90
20	224	158	246	262	432	175	169	106	79	76	511	94
21	163	153	246	212	362	171	159	106	113	73	440	93
22	255	154	257	236	381	217	151	116	101	102	227	75
23	209	154	259	263	378	232	156	124	75	76	133	96
24	267	170	248	257	340	196	152	111	97	86	131	96
25	251	165	247	253	437	183	154	109	115	118	414	75
26	194	156	244	229	668	176	165	105	122	169	314	73
27	182	156	242	213	590	172	134	101	93	174	274	86
28	186	306	243	221	466	169	133	100	81	166	158	71
29	247	365	228	241	---	147	131	112	73	211	140	71
30	222	316	239	235	---	145	126	106	88	164	317	72
31	195	---	237	255	---	144	---	105	---	153	280	---
TOTAL	5912	5479	8398	8980	14579	6696	4925	3850	3031	3422	10126	2966
MEAN	191	183	271	290	521	216	164	124	101	110	327	98.9
MAX	267	365	575	738	1170	433	415	180	161	211	3430	228
MIN	143	146	228	212	296	144	126	100	73	73	84	71

CAL YR 1984	TOTAL	144822	MEAN	396	MAX	3070	MIN	136
WTR YR 1985	TOTAL	78364	MEAN	215	MAX	3430	MIN	71

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'31", long 82°04'27", Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from the confluence with Meadow Creek.

DRAINAGE AREA.--6.46 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 838 ft Above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--6 years, 9.58 ft^3/s, 20.14 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft^3/s, May 23, 1980, gage height, 7.86 ft; minimum daily, 2.0 ft^3/s, Oct. 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 151 ft^3/s, Feb. 1, gage height, 6.62 ft; minimum daily, 2.8 ft^3/s, Sept. 25, 27-29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	8.6	8.4	7.0	87	12	8.0	4.9	4.3	4.7	4.5	4.1
2	6.9	8.7	13	7.9	51	12	7.9	7.2	4.2	6.3	4.4	4.1
3	6.6	7.9	17	28	21	11	7.9	17	4.2	3.9	4.2	3.9
4	6.4	11	10	30	15	11	7.8	7.3	4.4	3.6	4.1	4.0
5	6.4	11	25	15	23	11	7.7	6.6	4.1	3.8	4.0	3.7
6	6.2	8.4	17	11	21	9.9	10	6.1	6.1	4.5	4.3	3.8
7	6.5	8.3	11	10	15	10	7.7	5.7	11	4.1	4.9	3.5
8	6.4	8.3	10	9.3	13	12	7.4	6.7	9.7	3.7	6.1	3.5
9	6.4	8.4	9.4	8.6	12	10	7.1	9.5	6.5	3.3	4.3	3.4
10	6.3	8.9	9.1	8.3	11	9.8	7.1	7.5	7.6	3.2	4.0	3.4
11	5.8	13	8.7	8.1	14	9.6	7.2	10	7.6	3.0	3.9	3.3
12	5.9	9.1	8.5	7.8	29	9.3	7.2	7.7	5.6	3.0	3.8	3.2
13	5.8	8.7	8.5	7.7	16	8.6	7.8	13	4.5	4.9	3.5	3.3
14	5.7	8.7	8.4	7.6	14	8.5	7.8	7.0	4.4	3.5	3.4	3.2
15	5.8	8.7	8.0	7.4	12	8.5	11	6.2	4.2	3.1	3.2	3.3
16	5.8	9.0	7.8	7.3	11	8.5	11	5.6	6.1	13	4.1	3.3
17	5.8	8.9	7.8	10	11	8.5	9.1	6.8	4.6	7.4	49	3.2
18	5.8	9.1	7.6	8.4	10	8.0	7.8	5.2	4.3	4.6	15	3.1
19	5.6	9.5	7.5	7.9	10	8.1	7.2	4.9	4.0	4.3	6.1	3.0
20	6.2	8.7	7.6	7.3	12	8.0	6.8	4.7	3.8	4.0	5.1	3.0
21	6.3	8.7	7.6	6.7	10	8.4	6.5	4.7	3.6	3.8	4.8	3.0
22	20	8.7	8.0	7.0	9.8	16	6.2	4.6	3.6	6.3	4.5	3.0
23	11	9.1	7.3	7.2	9.8	10	5.9	12	3.6	7.4	4.5	2.9
24	21	9.9	7.3	7.2	9.6	9.8	6.1	5.9	3.6	5.9	7.1	3.0
25	11	9.2	7.3	7.4	14	8.9	5.8	5.5	3.6	14	9.8	2.8
26	9.5	9.0	7.0	6.8	25	8.6	5.7	4.9	3.3	6.5	5.5	2.9
27	8.9	9.1	7.1	6.8	15	8.6	5.5	4.7	3.2	5.0	4.8	2.8
28	10	27	7.2	8.0	13	8.5	5.3	4.7	3.1	5.4	4.5	2.8
29	9.3	11	7.1	7.5	---	8.5	5.1	4.6	3.4	5.8	4.5	2.8
30	8.9	8.9	7.1	7.4	---	8.2	4.9	4.6	3.6	4.7	4.4	2.9
31	8.6	---	6.9	22	---	8.4	---	4.6	---	4.6	4.2	---
TOTAL	250.4	293.5	290.2	308.6	514.2	298.2	218.5	210.4	145.8	161.3	200.5	98.2
MEAN	8.08	9.78	9.36	9.95	18.4	9.62	7.28	6.79	4.86	5.20	6.47	3.27
MAX	21	27	25	30	87	16	11	17	11	14	49	4.1
MIN	5.6	7.9	6.9	6.7	9.6	8.0	4.9	4.6	3.1	3.0	3.2	2.8

CAL YR 1984	TOTAL	4406.3	MEAN	12.0	MAX	81	MIN	4.9
WTR YR 1985	TOTAL	2989.8	MEAN	8.19	MAX	87	MIN	2.8

02156450 NEALS CREEK NEAR CARLISLE, SC

LOCATION.--Lat 34°39'53", long 81°27'28", Union County, Hydrologic Unit 03050106, at road 86 bridge, 5.1 mi north of Carlisle, and 10.3 mi southeast of Union.

DRAINAGE AREA.--12.3 mi^2, approximately.

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 ft^3/s, Jan. 10, 1984, gage height 8.97 ft; minimum daily discharge, 0.78 ft^3/s, July 22, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 283 ft^3/s, Feb. 6, gage height, 3.86 ft; minimum daily discharge, 0.78 ft^3/s, July 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	3.2	3.8	2.4	27	8.8	5.8	2.9	2.4	2.0	1.7	3.2
2	2.6	3.3	4.1	5.2	127	8.7	5.4	3.2	2.0	3.8	1.5	2.7
3	2.5	2.9	10	25	32	8.5	5.2	3.9	1.9	2.0	1.2	2.4
4	2.3	3.4	5.2	54	15	8.5	5.3	3.0	1.8	1.4	1.1	2.2
5	2.1	3.5	12	15	46	8.6	5.3	2.9	1.8	2.1	1.0	2.0
6	2.1	3.5	12	5.1	132	7.8	7.6	2.9	3.5	3.1	1.0	2.0
7	2.3	3.1	6.6	2.6	34	7.7	5.6	2.7	5.5	2.4	1.0	1.9
8	2.3	3.5	5.4	1.3	19	8.0	5.0	2.7	6.8	1.7	5.6	1.9
9	2.2	3.5	4.5	.98	14	8.0	4.7	3.6	2.7	1.3	3.3	1.9
10	2.1	3.6	3.8	.90	12	7.4	4.5	3.4	2.3	1.2	1.5	1.8
11	2.2	6.8	3.3	.83	12	7.7	4.8	3.2	2.4	2.4	1.2	1.8
12	2.2	3.4	3.0	.92	34	8.0	4.5	2.8	2.3	1.2	1.1	1.7
13	2.1	3.1	2.8	1.1	20	7.4	4.7	4.7	1.9	3.1	1.0	1.8
14	2.2	3.0	2.6	1.1	15	7.4	5.1	2.8	1.9	2.1	.92	1.7
15	2.4	3.0	2.4	1.3	13	7.0	5.6	2.5	1.9	1.6	.82	1.7
16	2.7	3.1	2.4	1.5	12	6.8	5.8	5.4	3.1	7.5	.82	1.8
17	2.9	3.1	2.6	2.8	11	7.0	5.0	3.9	3.5	4.5	21	1.7
18	3.2	3.3	2.4	2.2	10	6.5	4.6	3.1	2.1	1.5	32	1.7
19	3.1	3.8	2.4	1.9	10	6.3	4.8	2.4	2.2	1.0	22	1.7
20	2.9	3.6	2.4	2.1	11	6.2	4.6	2.2	2.1	1.0	2.5	1.6
21	2.9	3.5	2.7	2.0	9.8	6.4	4.3	2.0	1.7	.83	2.2	1.7
22	3.0	3.7	2.7	3.0	9.3	10	4.1	1.9	1.5	.78	2.1	1.6
23	3.6	3.8	2.3	5.1	9.1	7.5	4.0	2.0	1.5	2.8	1.3	1.5
24	4.6	3.9	2.3	6.2	8.7	6.9	3.9	2.0	3.0	1.3	41	1.7
25	3.4	4.0	2.3	4.8	8.7	6.5	4.0	2.1	4.5	5.7	34	1.6
26	3.3	4.3	2.2	4.0	12	6.0	3.5	1.8	2.0	4.1	12	1.3
27	3.3	4.4	2.2	4.2	9.9	6.2	3.3	1.9	1.5	2.1	8.1	1.2
28	3.7	8.5	2.3	3.4	8.9	6.3	3.5	2.6	1.3	1.7	4.2	1.1
29	3.6	5.6	2.4	3.5	---	6.3	3.1	3.2	2.1	3.4	2.9	1.3
30	3.2	4.3	2.4	3.1	---	6.2	3.0	2.4	4.4	2.4	4.1	1.2
31	3.2	---	2.4	10	---	6.0	---	2.5	---	2.0	6.3	---
TOTAL	89.1	115.7	119.9	177.53	682.4	226.6	140.6	88.6	77.6	74.01	220.46	53.4
MEAN	2.87	3.86	3.87	5.73	24.4	7.31	4.69	2.86	2.59	2.39	7.11	1.78
MAX	4.9	8.5	12	54	132	10	7.6	5.4	6.8	7.5	41	3.2
MIN	2.1	2.9	2.2	.83	8.7	6.0	3.0	1.8	1.3	.78	.82	1.1

CAL YR 1984	TOTAL	5640.65	MEAN	15.4	MAX	291	MIN	.95
WTR YR 1985	TOTAL	2065.90	MEAN	5.66	MAX	132	MIN	.78

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.--Water-stage recorder. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

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.

AVERAGE DISCHARGE.--47 years, 4,041 ft³/s, 19.67 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 123,000 ft³/s, Oct. 10, 1976, gage height, 31.51 ft, from rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 ft³/s, Aug. 29, 1955; minimum daily, 44 ft³/s, Sept. 2, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 25,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Aug. 19	0500	*35,100	*16.72	No other peak greater than base discharge.			

Minimum discharge, 141 ft³/s, Jun. 28; minimum daily, 750 ft³/s, Jun. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2410	2220	3260	2050	7870	4780	2170	1860	1560	1100	2430	3850
2	2390	2340	2810	2450	19900	4010	2290	2350	1340	1290	2230	2450
3	2290	2240	3730	3600	18500	3590	2460	2280	1830	1450	2520	2100
4	2310	2000	3310	7520	9270	3140	2210	2930	1160	1730	1580	2030
5	1740	1890	3870	10100	6760	2940	2290	2370	1690	1870	1580	1870
6	1890	2270	4940	6780	9810	3220	2360	2200	1790	1050	1230	1850
7	2040	2460	5420	5090	8310	3110	2330	2030	1410	1630	1370	1740
8	2020	1970	4540	3540	6040	2800	2530	1360	2160	1560	1940	1870
9	1820	2010	2960	3120	5000	3020	2240	1990	2760	1250	1790	1930
10	2080	2050	2400	2920	4400	2850	2220	2070	2170	1280	1730	1640
11	2060	2210	2620	2820	3810	2570	2370	2250	1310	1050	1970	1690
12	1970	2160	2700	3000	4730	2730	1980	2690	1190	1100	1310	2060
13	2060	2300	2740	2440	8440	3040	2330	2580	1490	1190	1400	1730
14	1770	2530	2640	2790	7470	2590	2200	2560	1530	2200	1520	1510
15	2080	2010	2500	2590	5830	2480	2290	2160	1730	1810	1390	2050
16	2170	2430	2670	2710	5030	2710	2560	2050	1270	1660	1400	1440
17	1940	2500	2130	2540	4160	2400	4500	2110	1590	1270	5170	1670
18	2180	2000	2260	2610	3380	2400	4020	2110	1520	1710	26900	1420
19	1710	1420	2560	2780	4070	2290	3250	2370	1140	1210	28600	1450
20	2140	2010	2320	2510	3730	2410	2810	2000	1490	888	8990	1020
21	2140	2020	2380	2170	3700	2700	2300	1560	1220	1340	4940	1290
22	3110	1810	2250	1570	3370	3060	2770	1330	1150	1390	3480	1340
23	4870	2180	2360	2150	3550	2770	1870	1580	1190	993	2620	1420
24	4230	1800	2200	2460	3240	3290	2590	1920	1130	1480	2640	1180
25	3520	2000	2260	1910	3350	2710	2620	1810	1180	2690	4060	1030
26	2750	2010	2330	2210	3910	2540	2440	1620	1280	3400	4140	1320
27	2380	1910	2080	2120	6200	2700	2280	2060	1050	3510	4480	940
28	2180	2410	2150	2070	5490	2330	2490	1610	750	3560	3800	1290
29	2490	3280	2260	2190	---	2500	1840	1580	1170	2640	2670	1280
30	2510	3710	2240	2440	---	2490	1850	1490	1300	2470	2500	1070
31	2440	---	2130	2970	---	2420	---	1260	---	2890	3260	---
TOTAL	73690	66150	87020	98220	179320	88590	74460	62140	43550	54661	135640	49530
MEAN	2377	2205	2807	3168	6404	2858	2482	2005	1452	1763	4375	1651
MAX	4870	3710	5420	10100	19900	4780	4500	2930	2760	3560	28600	3850
MIN	1710	1420	2080	1570	3240	2290	1840	1260	750	888	1230	940

CAL YR 1984	TOTAL	1779790	MEAN	4863	MAX	39500	MIN	1420
WTR YR 1985	TOTAL	1012971	MEAN	2775	MAX	28600	MIN	750

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.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 252 microsiemens, Sept. 27, 1985; minimum, 17 microsiemens Feb. 16, 1983.
pH: Maximum, 9.1 units Dec. 29, 1978; minimum, 5.5 units, Sept. 19, 1978.
WATER TEMPERATURE: Maximum, 35.0°C Aug. 5, 1981; minimum, 0.5°C, Jan. 19, 1977.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L Feb. 10, 1980; minimum, 3.6 mg/L, May 1, 2, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 252 microsiemens, Sept. 27; minimum, 45 microsiemens, Feb. 1.
pH: Maximum, 8.6 units, Sept. 19; minimum, 6.0 units, Feb. 1, 22.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 13-16; minimum, 2.0°C, Jan. 21.
DISSOLVED OXYGEN: Maximum, 12.0 mg/L, Dec. 12; minimum, 4.1 mg/L, June 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	89	78	84	77	75	76	71	52	58	70	67	68
2	81	77	79	79	70	76	71	56	58	72	60	70
3	81	70	76	80	70	75	73	52	63	76	60	69
4	80	70	75	79	70	75	70	52	58	70	61	65
5	87	75	78	76	70	72	71	57	64	68	60	64
6	85	80	82	80	70	75	57	53	55	68	62	66
7	88	80	84	80	70	74	59	56	58	68	67	68
8	89	85	87	75	71	73	57	56	56	68	66	67
9	87	79	83	79	70	73	72	57	60	70	60	67
10	80	75	77	80	70	73	73	60	70	67	63	66
11	76	71	74	80	70	74	72	59	70	73	71	72
12	80	71	75	78	70	73	72	60	68	77	70	74
13	86	78	80	80	70	75	71	67	69	78	70	74
14	86	81	84	78	71	75	75	69	72	77	75	76
15	90	85	87	76	71	73	80	70	74	74	71	73
16	89	80	84	80	70	74	80	70	78	72	57	61
17	82	79	81	80	70	73	80	70	76	73	57	67
18	82	78	79	79	70	75	78	74	77	77	70	73
19	81	75	77	74	71	72	78	73	77	80	70	73
20	89	81	85	---	---	---	76	71	74	80	70	75
21	90	84	87	---	---	---	80	70	77	79	71	75
22	90	78	83	---	---	---	80	70	74	80	70	72
23	---	---	---	---	---	---	80	70	75	---	---	---
24	---	---	---	---	---	---	80	76	77	---	---	---
25	---	---	---	---	---	---	80	70	74	---	---	---
26	76	71	73	---	---	---	76	68	72	80	72	76
27	80	70	78	---	---	---	71	66	68	97	80	89
28	79	70	73	73	71	72	66	61	65	81	75	78
29	93	71	74	75	71	72	67	65	66	78	74	76
30	79	77	78	77	71	73	68	66	67	77	50	63
31	78	76	77	---	---	---	67	62	67	60	50	54
MONTH	93	70	80	80	70	74	80	52	68	97	50	70

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	60	45	56	69	67	67	91	86	88	88	83	86
2	---	---	---	73	69	71	91	83	87	92	86	89
3	---	---	---	73	69	71	86	81	83	92	82	88
4	---	---	---	76	72	75	84	78	82	90	83	87
5	---	---	---	77	72	75	86	78	82	87	84	86
6	---	---	---	76	71	74	92	85	88	86	80	83
7	---	---	---	77	71	75	88	82	85	86	79	82
8	---	---	---	83	75	77	92	84	87	89	86	88
9	---	---	---	81	77	79	90	80	84	88	86	87
10	---	---	---	83	80	82	82	75	78	92	85	88
11	---	---	---	87	80	82	77	70	73	92	87	90
12	---	---	---	81	76	78	82	76	80	95	87	91
13	---	---	---	78	71	75	84	80	83	97	88	92
14	---	---	---	78	72	75	88	84	87	91	82	84
15	---	---	---	81	72	77	92	85	89	84	81	82
16	---	---	---	84	77	80	90	82	85	85	75	78
17	---	---	---	87	86	87	85	68	78	82	72	76
18	---	---	---	87	83	85	67	60	64	90	84	86
19	---	---	---	85	79	81	70	67	68	100	91	96
20	67	64	65	80	74	77	76	70	72	98	91	93
21	70	66	67	78	75	76	79	75	77	97	90	93
22	73	70	71	84	77	80	85	76	79	107	90	96
23	75	71	73	87	81	84	86	77	83	94	87	92
24	75	71	73	86	83	84	83	78	81	98	92	96
25	78	71	75	85	76	81	84	78	81	98	94	96
26	72	67	70	76	72	75	82	77	79	100	95	97
27	70	67	69	77	71	73	87	78	82	103	95	100
28	69	67	68	76	71	73	88	81	84	103	101	102
29	---	---	---	82	72	77	89	83	86	---	---	---
30	---	---	---	88	81	85	88	82	85	98	96	96
31	---	---	---	90	85	87	---	---	---	105	91	98
MONTH	78	45	69	90	67	78	92	60	81	107	72	90
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	97	94	95	---	---	---	75	64	71	---	---	---
2	99	92	96	---	---	---	85	70	75	---	---	---
3	106	99	102	---	---	---	85	74	80	---	---	---
4	109	103	106	114	100	108	83	73	76	---	---	---
5	113	97	105	101	84	94	84	73	80	---	---	---
6	138	96	104	84	80	82	88	80	83	77	72	74
7	126	98	104	85	80	82	92	80	87	84	78	81
8	100	95	97	84	80	82	92	83	86	93	85	89
9	110	96	101	85	80	83	91	87	89	98	91	94
10	98	91	95	92	80	85	94	85	89	104	98	101
11	95	85	91	84	74	82	107	90	97	115	94	100
12	101	83	90	74	72	73	106	99	103	94	84	89
13	95	80	88	91	80	83	139	89	97	88	78	82
14	85	80	84	90	80	83	117	92	96	88	83	86
15	92	83	87	100	81	88	141	91	98	90	83	87
16	94	90	92	---	---	---	100	91	94	153	90	101
17	105	92	97	---	---	---	---	---	---	170	92	105
18	124	102	114	---	---	---	---	---	---	---	---	---
19	122	103	112	---	---	---	---	---	---	---	---	---
20	109	92	99	---	---	---	---	---	---	---	---	---
21	119	107	112	---	---	---	---	---	---	---	---	---
22	109	101	103	---	---	---	---	---	---	---	---	---
23	105	102	104	104	94	102	---	---	---	---	---	---
24	120	106	112	153	92	99	---	---	---	---	---	---
25	123	115	118	105	90	94	---	---	---	---	---	---
26	122	112	118	105	81	94	---	---	---	209	106	123
27	120	110	113	85	70	77	---	---	---	252	107	132
28	---	---	---	73	60	64	---	---	---	114	106	109
29	---	---	---	75	62	69	---	---	---	110	106	108
30	---	---	---	75	71	73	---	---	---	110	105	107
31	---	---	---	74	62	68	---	---	---	---	---	---
MONTH	138	80	101	153	60	84	141	64	88	252	72	98
YEAR	252	45	82									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.6	6.6	6.7	6.5	6.6	6.5	6.9	6.8	6.8	6.0	6.6	6.5
2	6.6	6.6	6.5	6.5	6.6	6.6	6.9	6.8	---	---	6.7	6.6
3	6.6	6.5	6.6	6.5	6.7	6.5	6.8	6.5	---	---	6.7	6.6
4	6.6	6.6	6.6	6.5	6.5	6.4	6.5	6.4	---	---	6.9	6.6
5	6.7	6.6	6.6	6.5	6.6	6.4	6.6	6.4	---	---	7.0	6.9
6	6.7	6.6	6.7	6.5	6.5	6.4	6.6	6.4	---	---	7.0	6.9
7	6.7	6.6	6.7	6.7	6.5	6.5	6.5	6.5	---	---	7.0	6.9
8	6.8	6.6	6.8	6.7	6.5	6.5	6.5	6.5	---	---	7.0	6.9
9	6.8	6.6	6.6	6.6	6.6	6.5	6.6	6.5	---	---	6.9	6.8
10	6.7	6.6	6.7	6.6	6.6	6.6	6.9	6.6	---	---	7.0	6.8
11	6.7	6.6	6.7	6.6	6.6	6.6	6.9	6.6	---	---	6.9	6.8
12	6.7	6.6	6.6	6.6	6.8	6.5	6.8	6.5	---	---	7.1	6.9
13	6.7	6.6	6.7	6.6	6.5	6.5	6.8	6.5	---	---	7.2	7.0
14	6.7	6.6	6.7	6.6	6.5	6.4	6.8	6.8	---	---	7.2	7.0
15	6.6	6.6	6.6	6.6	6.6	6.5	6.8	6.8	---	---	7.3	7.0
16	6.7	6.6	6.7	6.6	6.6	6.5	6.9	6.8	---	---	7.4	7.0
17	6.6	6.6	6.7	6.6	6.6	6.5	6.9	6.6	---	---	7.4	7.0
18	6.6	6.5	6.8	6.6	6.6	6.5	6.9	6.8	---	---	7.6	7.1
19	6.6	6.5	6.7	6.6	6.6	6.5	6.8	6.8	---	---	7.8	7.1
20	6.6	6.6	---	---	6.7	6.5	6.9	6.8	6.5	6.4	7.8	7.1
21	6.6	6.5	---	---	6.7	6.6	6.9	6.8	6.5	6.4	7.5	7.2
22	6.6	6.5	---	---	6.7	6.6	6.8	6.6	6.6	6.0	7.3	7.2
23	---	---	---	---	6.7	6.7	---	---	6.6	6.4	7.5	7.1
24	---	---	---	---	6.7	6.6	---	---	6.6	6.5	7.5	7.2
25	---	---	---	---	6.8	6.6	---	---	6.6	6.5	7.6	7.2
26	6.5	6.4	---	---	6.8	6.7	6.9	6.8	6.6	6.5	8.0	7.2
27	6.5	6.4	---	---	6.8	6.7	6.9	6.8	6.6	6.5	7.8	7.1
28	6.6	6.4	6.7	6.6	7.0	6.8	6.9	6.8	6.5	6.5	7.8	7.1
29	6.6	6.4	6.8	6.6	6.9	6.8	6.9	6.8	---	---	8.2	7.1
30	6.6	6.4	6.7	6.5	6.9	6.8	6.8	6.8	---	---	7.7	7.1
31	6.6	6.4	---	---	6.9	6.8	6.8	6.8	---	---	7.9	7.1
MONTH	6.8	6.4	6.8	6.5	7.0	6.4	6.9	6.4	6.8	6.0	8.2	6.5
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.7	7.0	7.2	6.7	7.1	6.8	---	---	6.7	6.6	---	---
2	7.8	7.0	6.9	6.8	7.1	6.8	---	---	6.7	6.6	---	---
3	7.6	6.9	7.0	6.8	7.1	6.9	---	---	6.8	6.6	---	---
4	7.9	7.0	6.9	6.8	7.2	6.8	7.3	6.8	6.9	6.6	---	---
5	7.7	6.9	6.9	6.8	7.4	6.8	6.9	6.8	6.8	6.6	---	---
6	7.9	7.0	7.0	6.7	7.0	6.8	7.0	6.8	6.9	6.6	7.0	6.8
7	7.9	7.0	7.0	6.8	7.0	6.7	7.1	6.8	7.0	6.8	6.9	6.7
8	8.0	7.0	6.9	6.8	6.9	6.7	7.0	6.8	6.9	6.8	7.0	6.7
9	7.8	6.9	6.8	6.6	6.8	6.7	7.1	6.8	7.0	6.8	7.0	6.8
10	8.0	6.9	6.7	6.6	6.8	6.5	7.1	6.8	7.0	6.8	6.9	6.8
11	8.0	7.0	6.8	6.6	6.8	6.6	7.2	6.8	7.0	6.8	7.1	6.8
12	8.4	7.0	6.7	6.6	7.8	6.6	7.2	6.7	7.1	6.8	6.9	6.8
13	8.0	7.0	6.7	6.5	7.3	6.6	7.1	6.6	7.6	6.8	6.9	6.8
14	7.4	6.9	6.6	6.5	6.9	6.6	6.9	6.7	7.4	6.8	7.0	6.8
15	7.3	6.8	6.5	6.4	6.9	6.6	6.9	6.6	7.7	6.8	6.9	6.8
16	7.2	6.8	6.6	6.4	6.8	6.6	---	---	7.2	6.8	7.6	6.8
17	6.9	6.8	6.6	6.5	6.8	6.6	---	---	---	---	8.0	6.8
18	6.9	6.5	6.8	6.6	6.8	6.6	---	---	---	---	8.5	6.8
19	7.0	6.7	6.8	6.6	6.9	6.6	---	---	---	---	8.6	6.9
20	7.2	6.7	6.7	6.6	7.0	6.7	---	---	---	---	---	---
21	7.3	6.8	6.7	6.6	7.0	6.8	---	---	---	---	---	---
22	7.5	6.8	6.8	6.6	7.0	6.7	---	---	---	---	---	---
23	7.5	6.8	7.0	6.6	7.0	6.7	6.9	6.8	---	---	---	---
24	7.3	6.8	6.9	6.8	7.1	6.7	7.4	6.7	---	---	---	---
25	7.2	6.8	7.0	6.8	7.1	6.7	6.8	6.7	---	---	---	---
26	7.4	6.8	7.1	6.8	7.2	6.7	6.7	6.6	---	---	8.4	7.0
27	7.1	6.8	7.0	6.8	7.3	6.8	6.6	6.6	---	---	8.4	7.0
28	7.0	6.8	7.0	6.8	---	---	6.6	6.4	---	---	7.2	7.0
29	7.1	6.7	7.0	6.8	---	---	6.7	6.5	---	---	7.3	7.0
30	7.3	6.7	6.9	6.8	---	---	6.7	6.6	---	---	7.3	6.9
31	---	---	7.0	6.8	---	---	6.7	6.6	---	---	---	---
MONTH	8.4	6.5	7.2	6.4	7.8	6.5	7.4	6.4	7.7	6.6	8.6	6.7
YEAR	8.6	6.0										

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	17.5	18.0	22.5	21.0	22.0	10.5	9.0	9.5	15.5	12.0	13.5
2	18.5	16.5	17.5	22.5	20.5	21.0	10.0	8.0	9.0	15.0	14.0	14.5
3	18.0	16.0	17.0	21.0	17.5	19.5	10.5	9.0	9.5	15.0	12.0	13.5
4	18.5	16.0	17.0	18.0	17.0	17.5	10.0	9.0	9.5	12.5	10.0	11.0
5	19.5	17.0	18.0	17.5	15.0	16.0	9.5	8.0	8.5	10.0	7.5	9.0
6	20.0	17.5	18.5	16.0	14.5	15.5	8.0	6.0	7.5	9.0	7.0	7.5
7	20.5	18.5	19.5	15.0	12.0	13.5	6.0	5.0	5.5	8.0	7.0	7.5
8	21.0	19.5	20.0	14.0	12.0	12.5	6.0	5.0	5.5	8.0	7.0	7.5
9	21.5	20.0	20.5	13.0	10.0	11.0	6.0	4.5	5.5	8.0	5.5	7.0
10	22.0	20.0	21.0	13.0	10.0	11.5	6.0	5.0	5.5	7.5	5.5	6.5
11	22.0	20.0	21.0	13.0	12.0	12.5	7.5	5.0	6.0	7.5	7.0	7.0
12	22.0	19.5	20.5	13.0	10.5	11.5	7.5	5.5	6.5	7.5	5.0	6.0
13	22.0	19.5	20.5	12.5	10.0	11.0	10.0	7.5	8.5	6.0	4.0	5.0
14	22.0	19.5	20.5	11.0	9.5	10.0	11.0	7.5	9.5	5.5	4.5	4.5
15	21.0	19.0	20.0	11.0	8.0	10.0	12.0	10.0	10.5	5.0	2.5	4.0
16	21.5	19.5	20.5	11.0	10.0	10.5	11.0	10.0	10.5	5.0	2.5	4.0
17	21.5	20.0	20.5	10.5	9.0	10.0	12.5	10.0	11.0	5.5	4.5	5.0
18	21.5	20.5	21.0	10.5	9.5	10.0	13.0	10.5	11.5	5.5	4.0	5.0
19	23.0	20.5	21.5	13.0	10.0	11.0	14.5	11.0	12.5	6.0	5.0	5.5
20	22.5	21.0	21.5	---	---	---	14.5	12.5	13.5	5.5	2.5	4.5
21	23.5	21.5	22.5	---	---	---	15.5	12.5	14.0	3.0	2.0	2.5
22	23.5	22.0	23.0	---	---	---	16.0	14.0	15.0	---	---	---
23	---	---	---	---	---	---	14.5	12.0	13.0	---	---	---
24	---	---	---	---	---	---	13.0	12.0	12.0	---	---	---
25	---	---	---	---	---	---	13.0	10.5	11.5	---	---	---
26	22.5	20.0	21.0	---	---	---	11.0	10.0	10.5	---	---	---
27	21.0	20.0	20.5	---	---	---	12.5	10.0	11.0	6.0	4.0	5.0
28	22.5	20.0	21.0	11.0	9.5	10.5	12.5	10.0	11.0	5.0	4.5	4.5
29	22.5	20.5	21.5	11.0	9.0	10.0	13.0	10.0	11.5	5.5	4.0	4.5
30	23.0	21.0	22.0	10.5	9.0	10.0	14.5	11.0	12.5	6.0	4.0	5.5
31	22.5	22.0	22.5	---	---	---	14.0	12.0	12.5	6.0	5.0	5.5
MONTH	23.5	16.0	20.5	22.5	8.0	13.0	16.0	4.5	10.0	15.5	2.0	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	5.0	8.0	13.0	12.0	12.5	21.5	18.5	20.0	25.0	21.0	23.0
2	---	---	---	13.0	11.5	12.0	20.0	17.0	18.5	23.0	22.0	22.5
3	---	---	---	13.0	11.0	12.0	19.0	15.5	17.5	23.5	21.5	22.0
4	---	---	---	15.0	12.0	13.5	20.0	16.0	17.5	22.5	20.5	21.5
5	---	---	---	15.5	14.0	14.5	19.5	16.5	18.0	23.0	20.5	21.5
6	---	---	---	15.0	13.5	14.5	20.0	17.5	18.5	24.0	19.5	22.0
7	---	---	---	14.0	13.0	13.5	20.5	17.5	18.5	24.5	21.5	23.0
8	---	---	---	15.0	12.5	13.5	19.0	16.5	17.5	23.5	21.5	22.5
9	---	---	---	14.0	13.5	14.0	18.0	15.5	16.5	21.5	20.0	20.5
10	---	---	---	15.5	13.0	14.0	17.0	14.0	15.5	21.5	20.0	20.5
11	---	---	---	15.0	13.5	14.0	17.5	14.0	16.0	22.5	20.0	21.0
12	---	---	---	16.5	14.0	15.0	19.0	14.5	17.0	23.5	21.5	22.5
13	---	---	---	16.5	14.0	15.0	19.0	16.5	17.5	25.0	22.5	24.0
14	---	---	---	17.5	14.5	16.0	18.5	17.5	18.0	26.0	24.0	25.5
15	---	---	---	17.0	14.5	16.0	18.5	18.0	18.5	26.5	25.0	25.5
16	---	---	---	16.0	14.0	15.0	19.0	17.5	18.0	26.5	24.5	25.5
17	---	---	---	15.5	13.5	14.5	18.5	17.0	18.0	26.0	23.5	24.5
18	---	---	---	15.0	12.5	13.5	20.0	17.0	18.5	25.0	23.0	24.0
19	---	---	---	14.5	11.5	13.0	21.5	18.5	20.0	25.0	22.0	23.5
20	10.0	7.0	8.5	14.0	10.5	12.5	23.0	20.0	21.5	25.0	22.5	24.0
21	11.5	8.0	9.5	13.0	12.0	12.5	24.5	21.0	22.5	26.0	24.0	24.5
22	19.0	9.0	12.0	12.0	10.5	11.5	24.5	21.0	23.0	27.0	24.0	25.5
23	12.0	10.5	11.5	13.0	10.5	11.5	25.0	22.0	23.0	26.0	24.0	25.0
24	13.5	11.5	12.5	14.0	12.0	13.0	23.5	21.5	22.0	25.5	25.0	25.0
25	14.5	13.5	14.0	14.5	12.5	13.5	24.0	21.0	22.5	25.5	22.5	24.5
26	14.5	14.0	14.5	15.5	12.5	13.5	24.0	21.0	22.5	25.5	24.5	25.0
27	15.5	14.0	14.5	16.0	13.0	14.5	23.5	22.0	22.5	26.0	24.5	25.0
28	14.5	13.0	14.0	17.0	14.5	16.0	24.0	21.5	22.5	26.0	25.0	25.5
29	---	---	---	20.0	16.0	18.0	24.5	21.5	23.0	26.5	25.5	26.0
30	---	---	---	20.5	18.0	19.5	25.0	21.0	23.0	26.0	26.0	26.0
31	---	---	---	22.5	19.0	20.5	---	---	---	27.0	25.5	26.5
MONTH	19.0	5.0	12.0	22.5	10.5	14.5	25.0	14.0	19.5	27.0	19.5	24.0

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Contined

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02156500 BROAD RIVER NEAR CARLISLE, SC--Contined

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.3	5.5	5.9	---	---	---	6.1	5.7	5.9	---	---	---
2	6.6	5.1	5.8	---	---	---	6.4	5.7	5.8	---	---	---
3	6.1	4.6	5.4	---	---	---	6.1	5.7	5.9	---	---	---
4	5.5	4.3	4.9	8.4	6.4	7.2	6.1	5.7	6.0	---	---	---
5	6.4	4.3	5.3	7.0	6.4	6.7	6.1	5.7	5.9	---	---	---
6	5.5	4.1	5.0	7.5	6.3	6.8	6.1	5.5	5.8	6.7	4.6	5.8
7	5.7	4.7	5.2	7.9	6.4	7.0	6.8	5.8	6.5	5.1	4.4	4.8
8	5.9	5.2	5.5	7.3	6.3	6.8	6.8	6.2	6.6	5.8	4.9	5.3
9	5.9	5.5	5.7	7.5	4.8	5.9	6.9	5.9	6.5	6.2	5.1	5.8
10	5.8	4.9	5.5	5.2	4.5	4.8	6.7	6.0	6.4	6.5	5.9	6.1
11	5.6	4.9	5.1	5.7	4.3	4.9	6.5	5.8	6.2	6.6	5.8	6.1
12	5.4	4.8	5.2	5.7	4.5	4.9	6.3	5.7	5.9	6.4	6.1	6.3
13	5.8	5.1	5.5	5.5	4.3	4.8	6.3	5.5	5.9	6.8	6.3	6.6
14	6.5	5.5	6.0	4.9	4.3	4.7	5.9	5.3	5.6	7.5	6.7	7.1
15	6.6	5.7	6.2	5.1	4.2	4.5	7.7	5.5	6.2	7.6	7.0	7.3
16	6.4	5.5	5.9	---	---	---	7.4	5.8	6.3	8.1	7.3	7.7
17	6.5	5.5	5.9	---	---	---	---	---	---	8.5	7.4	7.8
18	6.1	5.7	5.9	---	---	---	---	---	---	8.2	7.3	7.7
19	6.5	5.5	6.0	---	---	---	---	---	---	9.2	7.3	7.7
20	7.1	6.0	6.5	---	---	---	---	---	---	---	---	---
21	7.0	5.8	6.3	---	---	---	---	---	---	---	---	---
22	7.1	5.9	6.4	---	---	---	---	---	---	---	---	---
23	7.3	6.1	6.6	5.5	4.9	5.2	---	---	---	---	---	---
24	7.5	6.2	6.6	5.8	5.2	5.5	---	---	---	---	---	---
25	7.3	5.9	6.5	6.0	5.4	5.7	---	---	---	---	---	---
26	7.4	5.5	6.5	6.0	5.6	5.8	---	---	---	7.3	5.9	6.4
27	7.6	5.4	6.4	6.2	5.7	6.0	---	---	---	7.2	5.9	6.4
28	---	---	---	6.2	5.9	6.1	---	---	---	7.0	6.2	6.5
29	---	---	---	6.2	5.7	6.0	---	---	---	7.3	6.4	6.8
30	---	---	---	6.1	5.5	5.8	---	---	---	7.4	6.4	6.8
31	---	---	---	6.1	5.7	6.0	---	---	---	---	---	---
MONTH	7.6	4.1	5.8	8.4	4.2	5.8	7.7	5.3	6.1	9.2	4.4	6.6
YEAR	12.0	4.1	7.9									

02157000 NORTH TYGER RIVER NEAR FAIRMONT, SC

LOCATION.--Lat 34°55'45", long 82°02'40", Spartanburg County, Hydrologic Unit 03050107, on left bank 80 ft downstream from Frey Creek, 2.2 mi north of Fairmont, and at mile 57.9.

DRAINAGE AREA.--44.4 mi².

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

GAGE.--Water-stage recorders and concrete control. Elevation of gage is 680 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges; Jan. 31 to Feb. 14 and May 24 to Jun. 19, which are poor.

AVERAGE DISCHARGE.--35 years, 65.9 ft³/s, 20.16 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,610 ft³/s, May 26, 1959, gage height, 13.58 ft, from rating curve extended above 2,100 ft³/s; minimum, 6.0 ft³/s, Sept. 19, 20, 1954; minimum daily, 7.0 ft³/s, Sept. 19, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Aug. 17	2045	*574	*3.57				

Minimum daily, 15 ft³/s, Sept. 29, 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	37	41	42	160	71	46	31	24	24	33	25
2	46	37	46	45	280	68	44	35	23	33	30	24
3	62	36	76	94	170	64	43	67	23	25	27	24
4	88	40	53	133	100	61	42	44	22	22	24	23
5	87	44	85	94	55	60	41	39	21	22	23	22
6	87	39	98	74	80	56	52	36	56	24	23	22
7	88	36	68	66	64	54	45	35	37	29	26	21
8	84	36	61	61	58	54	42	35	29	23	31	20
9	94	36	58	56	55	54	41	45	54	20	28	19
10	92	37	55	53	53	53	41	46	27	20	24	19
11	92	50	54	52	52	52	41	50	22	21	23	19
12	91	40	52	49	70	52	41	43	27	18	22	18
13	74	37	50	48	96	50	42	47	21	33	21	18
14	36	36	49	48	85	49	46	40	20	22	20	17
15	36	36	48	48	79	48	55	36	21	19	19	17
16	36	36	48	46	73	48	56	34	31	20	18	16
17	34	36	48	53	70	48	54	43	40	25	250	16
18	35	36	48	51	66	47	48	37	35	21	177	16
19	34	36	47	48	65	46	45	33	30	19	68	16
20	34	35	47	47	68	46	43	32	29	18	51	16
21	36	34	46	66	63	47	41	31	27	17	45	16
22	88	34	47	63	60	67	39	31	25	70	38	16
23	49	35	45	47	60	58	38	46	23	104	34	16
24	65	35	43	45	60	54	37	37	24	44	41	17
25	48	35	43	47	65	51	36	32	25	91	48	18
26	42	34	42	46	132	48	34	29	23	56	41	16
27	41	34	42	44	92	48	33	28	21	43	37	16
28	41	86	42	49	78	48	33	27	20	51	34	16
29	41	55	41	50	---	47	32	27	21	46	31	15
30	39	44	41	48	---	46	31	26	22	42	29	15
31	37	---	42	60	---	46	---	26	---	36	27	---
TOTAL	1817	1182	1606	1773	2409	1641	1262	1148	823	1058	1343	549
MEAN	58.6	39.4	51.8	57.2	86.0	52.9	42.1	37.0	27.4	34.1	43.3	18.3
MAX	94	86	98	133	280	71	56	67	56	104	250	25
MIN	34	34	41	42	52	46	31	26	20	17	18	15

CAL YR 1984	TOTAL	29754	MEAN	81.3	MAX	954	MIN	29
WTR YR 1985	TOTAL	16611	MEAN	45.5	MAX	280	MIN	15

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07", long 81°32'54", Union County, Hydrologic Unit 03050107, on right bank at downstream 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.--Water-stage recorder. Elevation of gage is 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1-3, Feb. 16-19, May 17-22, Jun. 14-18, Jun. 23-26. Records poor.

AVERAGE DISCHARGE.--12 years, 1,120 ft³/s, 20.04 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft³/s, Oct. 11, 1976, gage height, 26.31 ft (from floodmarks); minimum daily, 120 ft³/s, Oct. 9, 10, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 7,500 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage height (ft)
Aug. 19	0500	*9,790	*16.35

Minimum discharge, 214 ft³/s, Sept. 30, gage height, 3.52 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	510	537	663	491	1360	1100	567	435	327	285	562	534
2	570	534	562	526	3570	1010	565	425	311	291	471	472
3	517	523	897	1090	5470	965	559	486	290	302	444	438
4	478	508	1310	2340	4880	891	559	614	269	299	385	412
5	477	520	1150	2720	2320	874	553	590	243	295	356	405
6	465	534	1890	1850	3570	829	586	488	259	265	345	368
7	426	535	1710	1230	3810	766	637	453	267	274	372	347
8	454	494	1190	994	2280	718	595	426	359	342	483	344
9	453	488	925	871	1560	732	578	434	702	326	537	304
10	453	479	807	804	1300	735	557	506	638	269	447	291
11	451	528	756	760	1190	704	523	572	503	264	405	305
12	446	604	730	732	1310	695	509	562	422	242	364	301
13	443	587	703	685	1710	695	504	528	376	266	339	283
14	448	545	639	662	1580	722	541	535	356	673	295	275
15	419	494	604	647	1290	702	559	528	314	581	281	269
16	381	476	602	618	1210	680	643	490	314	438	259	266
17	387	480	564	652	1100	683	684	450	322	482	453	240
18	381	491	553	736	1020	662	668	420	371	428	4440	231
19	353	492	547	702	945	650	624	390	351	347	9280	240
20	367	492	552	629	962	640	563	380	311	326	5800	252
21	376	472	545	552	993	642	543	370	305	276	1610	246
22	582	461	530	460	952	739	508	363	280	262	922	246
23	1230	456	527	523	913	833	491	360	274	327	732	244
24	1640	455	522	577	878	823	474	340	243	1040	940	248
25	1300	455	521	581	853	741	509	399	260	1180	728	246
26	828	458	511	508	1030	659	458	392	311	1380	494	251
27	697	485	490	487	1510	655	457	365	273	1070	401	274
28	596	533	469	520	1320	602	450	350	252	708	519	246
29	581	705	489	561	---	613	451	346	235	672	629	231
30	645	889	496	566	---	630	446	339	386	710	563	223
31	558	---	497	678	---	614	---	332	---	626	576	---
TOTAL	17912	15710	22951	25752	50886	23004	16361	13668	10124	15246	34432	9032
MEAN	578	524	740	831	1817	742	545	441	337	492	1111	301
MAX	1640	889	1890	2720	5470	1100	684	614	702	1380	9280	534
MIN	353	455	469	460	853	602	446	332	235	242	259	223

CAL YR 1984	TOTAL	484729	MEAN	1324	MAX	8640	MIN	320
WTR YR 1985	TOTAL	255078	MEAN	699	MAX	9280	MIN	223

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.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 217 microsiemens, Mar. 8, 1975, minimum, 13 microsiemens, Oct. 9, 10, 1976.
pH: Maximum, 7.9 units, Dec. 21, 1979, Feb. 8-9, 1980; minimum 5.8 units, Feb. 24, 1984.
WATER TEMPERATURE: Maximum, 32.0°C, July 21, 1981, Aug. 23, 1983; minimum, 0.2°C, Jan. 18, 19, 1977, March 11, 1984.
DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Jan. 2, 1984, Dec. 2, 1979; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 184 microsiemens, Sept. 10; minimum, 48 microsiemens, Feb. 6.
pH: Maximum 7.7 units, Apr. 4, Sept. 4; minimum, 6.3 units, Nov. 13, 14, Feb. 2, 3 and Aug. 18 and 21.
WATER TEMPERATURE: Maximum, 30.5°C, July 22; minimum, 5.5°C, Jan.30, Feb. 9.
DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Feb. 5, 6; minimum 4.5 mg/L, Oct. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	113	111	112	106	89	101	89	85	87	91	84	87
2	112	97	105	112	106	110	87	82	85	92	82	89
3	95	88	91	109	105	107	83	69	79	82	68	77
4	99	89	95	108	100	104	68	56	65	68	58	61
5	109	99	104	99	94	96	68	65	66	62	58	60
6	108	103	105	94	92	93	---	---	---	69	62	65
7	106	104	105	95	92	93	---	---	---	74	69	71
8	103	97	100	96	92	95	---	---	---	75	74	75
9	97	91	93	103	96	100	---	---	---	---	---	---
10	91	88	90	110	103	107	---	---	---	---	---	---
11	101	88	95	108	106	107	---	---	---	---	---	---
12	104	101	103	107	101	104	96	88	91	---	---	---
13	106	102	104	101	91	95	103	96	98	---	---	---
14	108	105	106	91	89	90	99	97	98	---	---	---
15	105	98	103	102	90	95	102	99	100	---	---	---
16	98	93	95	105	102	104	105	102	103	---	---	---
17	98	93	96	113	105	109	104	101	103	---	---	---
18	109	97	102	113	107	111	105	97	102	---	---	---
19	120	110	116	107	101	104	96	84	90	---	---	---
20	122	119	120	102	99	101	105	92	102	---	---	---
21	120	117	118	99	92	96	110	104	108	---	---	---
22	118	96	112	99	90	93	111	107	109	---	---	---
23	95	69	78	103	99	101	106	98	103	---	---	---
24	83	68	77	108	103	106	99	93	97	---	---	---
25	---	---	---	107	98	104	93	86	89	---	---	---
26	92	84	90	96	92	94	93	87	90	---	---	---
27	96	91	93	91	88	90	90	88	89	---	---	---
28	108	97	103	88	84	86	89	85	87	---	---	---
29	107	100	103	95	85	90	88	86	87	---	---	---
30	98	92	94	94	88	90	91	86	89	92	88	90
31	95	88	92	---	---	---	92	89	90	97	93	95
MONTH	122	68	100	113	84	99	111	56	92	97	58	77

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	97	80	88	83	79	81	108	100	105	---	---	---
2	77	53	59	84	82	83	102	97	100	---	---	---
3	52	50	51	87	84	86	97	92	95	---	---	---
4	56	50	53	88	87	88	111	95	105	---	---	---
5	59	52	57	88	86	87	116	107	111	---	---	---
6	51	48	49	87	86	87	112	109	111	---	---	---
7	54	49	51	87	86	87	111	109	110	106	103	104
8	69	66	67	87	86	87	109	102	106	103	101	102
9	76	68	72	87	86	87	102	96	100	122	102	115
10	76	74	75	87	86	87	96	93	94	130	123	126
11	75	73	74	87	86	87	113	94	105	125	116	121
12	75	71	73	88	84	85	117	113	114	124	116	121
13	73	69	70	87	83	85	127	117	123	117	111	115
14	80	70	72	103	89	98	126	123	124	111	102	107
15	85	72	76	102	98	99	---	---	---	104	97	100
16	81	79	80	108	101	105	---	---	---	117	101	111
17	---	---	---	107	100	104	---	---	---	120	114	117
18	---	---	---	100	91	97	---	---	---	127	119	123
19	75	72	74	91	88	89	---	---	---	127	118	122
20	80	72	74	89	85	87	---	---	---	---	---	---
21	85	81	83	99	85	94	---	---	---	---	---	---
22	88	83	86	108	100	105	---	---	---	---	---	---
23	91	87	90	108	106	107	---	---	---	120	109	115
24	91	89	90	108	99	103	---	---	---	134	121	128
25	88	85	87	101	91	97	---	---	---	143	133	139
26	85	76	82	92	90	91	---	---	---	136	129	134
27	75	70	73	92	85	89	---	---	---	129	128	129
28	80	76	78	106	93	103	---	---	---	128	106	117
29	---	---	---	114	106	110	---	---	---	112	106	109
30	---	---	---	109	106	108	---	---	---	---	---	---
31	---	---	---	112	107	110	---	---	---	---	---	---
MONTH	97	48	72	114	79	94	127	92	107	143	97	118
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	124	119	121	112	100	106	139	131	135
2	---	---	---	122	118	120	124	112	118	140	135	138
3	158	153	156	120	111	118	138	122	130	135	122	128
4	158	138	147	110	106	108	130	124	127	128	117	123
5	138	131	134	106	99	102	136	130	133	127	107	116
6	142	131	137	105	103	104	129	128	129	138	111	124
7	148	140	143	111	105	109	129	119	124	166	139	154
8	152	133	139	107	101	103	132	118	123	166	160	163
9	158	109	139	103	96	99	122	103	112	165	159	162
10	108	93	100	103	98	101	154	67	136	184	160	174
11	94	90	92	103	99	102	143	133	136	177	161	169
12	98	91	94	110	102	106	148	135	144	158	147	152
13	118	95	106	137	111	125	149	141	145	164	158	162
14	125	119	123	144	97	121	141	135	138	164	158	162
15	136	125	132	109	96	102	151	129	137	177	162	170
16	141	134	138	120	110	116	170	151	161	174	161	167
17	142	139	141	118	104	110	174	110	158	---	---	---
18	139	122	132	129	63	117	103	63	71	---	---	---
19	120	108	110	128	118	123	100	72	87	---	---	---
20	123	108	118	139	129	135	96	64	79	---	---	---
21	148	123	135	153	140	149	81	65	73	---	---	---
22	151	149	151	168	153	161	99	82	91	---	---	---
23	163	151	157	166	104	138	117	99	107	---	---	---
24	165	144	158	131	86	101	128	85	117	---	---	---
25	155	143	149	90	80	87	115	84	101	166	158	162
26	144	116	128	94	86	90	117	114	116	159	155	157
27	146	116	125	---	---	---	113	101	110	177	158	167
28	147	145	146	---	---	---	102	99	100	182	163	173
29	154	127	146	---	---	---	124	115	120	163	157	159
30	143	115	128	99	84	97	130	124	127	168	159	164
31	---	---	---	104	94	99	137	128	133	---	---	---
MONTH	165	90	132	168	63	113	174	63	119	184	107	154
YEAR	184	48	107									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

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

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	25.5	23.0	24.0	27.0	25.5	26.0	26.0	24.0	25.0
2	---	---	---	25.5	23.0	24.5	26.0	24.5	25.0	27.0	24.0	25.5
3	28.5	27.0	28.0	26.5	22.5	24.5	26.0	24.0	25.0	27.5	25.0	26.5
4	29.5	25.5	27.5	27.0	23.5	25.5	26.0	23.0	24.5	29.5	25.5	27.0
5	30.0	26.0	28.0	26.5	24.5	25.5	25.5	22.5	24.0	27.5	23.5	25.5
6	30.0	26.0	28.0	25.5	24.0	25.0	25.0	23.5	24.5	27.5	25.0	26.5
7	28.5	25.0	26.5	28.0	24.0	26.0	26.0	22.5	24.5	28.0	25.0	26.5
8	26.5	24.0	25.0	28.5	24.5	26.5	25.0	24.0	24.5	28.0	25.5	26.5
9	26.5	24.5	25.5	29.0	25.0	27.0	25.5	23.5	24.5	28.5	25.5	27.0
10	27.5	24.5	26.0	29.5	26.0	27.5	27.0	24.0	25.5	28.5	25.5	27.0
11	26.5	25.0	26.0	30.0	26.0	27.5	28.0	25.0	26.5	28.0	25.5	27.0
12	27.5	25.0	26.0	29.0	25.0	27.0	29.0	25.5	27.5	26.5	24.5	25.5
13	26.0	23.0	24.5	29.0	26.5	27.5	29.0	26.0	27.5	24.0	20.5	22.5
14	25.0	21.5	23.5	27.0	25.0	26.0	28.5	25.5	27.0	21.0	18.5	19.5
15	25.5	22.0	24.0	28.0	25.0	26.5	28.5	25.0	26.5	20.5	17.0	19.0
16	27.5	23.5	25.5	29.5	26.0	27.5	28.5	25.0	26.5	21.0	17.0	19.0
17	29.0	24.5	27.0	27.0	25.0	26.0	26.5	24.5	25.5	---	---	---
18	28.5	26.5	27.5	28.5	25.5	27.0	25.0	24.0	24.5	---	---	---
19	27.5	25.0	26.5	30.0	25.5	27.5	24.5	24.0	24.5	---	---	---
20	25.5	23.0	24.5	29.5	26.5	28.5	25.5	24.5	25.0	---	---	---
21	25.0	21.5	23.5	30.0	28.0	29.0	26.0	25.0	25.5	---	---	---
22	26.0	22.0	24.0	30.5	28.0	28.5	25.5	25.0	25.5	---	---	---
23	27.0	23.0	25.0	28.5	27.0	27.5	25.5	24.5	24.5	---	---	---
24	27.5	24.0	25.5	28.5	24.5	26.5	24.5	24.0	24.0	---	---	---
25	28.0	23.5	26.0	26.5	24.0	25.0	24.0	23.5	24.0	23.0	21.5	22.5
26	28.5	25.0	27.0	26.0	24.0	25.0	24.5	24.0	24.0	22.5	21.5	22.0
27	27.0	25.0	26.0	---	---	---	25.0	24.0	24.5	22.0	20.5	21.5
28	25.5	23.0	24.5	---	---	---	25.5	24.0	25.0	20.5	19.0	19.5
29	26.0	23.5	24.5	---	---	---	26.0	24.0	25.0	19.0	18.0	18.5
30	25.0	23.0	24.0	26.0	24.0	25.0	27.0	24.5	25.5	19.5	18.5	19.0
31	---	---	---	26.0	24.5	25.0	26.0	24.5	25.0	---	---	---
MONTH	30.0	21.5	25.5	30.5	22.5	26.5	29.0	22.5	25.0	29.5	17.0	23.5
YEAR	30.5	5.5	18.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.3	6.0	6.2	7.6	6.8	7.3	9.8	8.7	9.1	9.1	8.7	9.0
2	6.5	6.1	6.3	7.0	5.7	6.3	9.3	7.8	8.7	8.7	8.3	8.5
3	7.6	6.4	6.8	5.7	5.4	5.6	8.6	7.1	7.8	8.3	8.1	8.2
4	6.6	6.3	6.5	6.5	5.8	6.0	10.4	7.7	8.8	9.0	8.3	8.7
5	6.4	5.9	6.3	6.4	6.2	6.3	10.6	8.9	10.1	9.3	9.0	9.2
6	6.0	5.8	5.9	6.7	6.3	6.5	---	---	---	10.1	9.2	9.8
7	5.9	5.5	5.7	7.6	6.7	7.3	---	---	---	10.4	10.1	10.3
8	5.4	5.2	5.3	8.2	7.3	7.8	---	---	---	10.8	10.3	10.5
9	5.3	5.1	5.3	7.6	7.3	7.5	---	---	---	---	---	---
10	6.4	5.1	5.8	7.6	7.2	7.4	---	---	---	---	---	---
11	6.8	6.2	6.5	7.2	6.6	6.8	---	---	---	---	---	---
12	6.9	6.6	6.8	7.7	6.6	7.0	---	---	---	---	---	---
13	6.9	6.4	6.6	8.1	7.4	7.7	---	---	---	---	---	---
14	6.7	6.4	6.5	8.9	7.9	8.3	10.0	9.6	9.8	---	---	---
15	6.6	6.2	6.4	8.6	8.2	8.4	9.7	9.3	9.5	---	---	---
16	6.4	6.3	6.4	8.2	7.7	7.9	9.4	9.1	9.2	---	---	---
17	6.4	5.8	6.2	7.8	7.6	7.7	9.2	8.9	9.1	---	---	---
18	6.0	5.6	5.8	8.0	7.7	7.9	9.2	7.0	8.6	---	---	---
19	6.1	5.4	5.7	8.0	7.2	7.6	8.9	7.8	8.2	---	---	---
20	5.4	4.9	5.1	7.2	6.8	7.0	8.2	7.6	7.8	---	---	---
21	4.9	4.5	4.7	7.8	7.0	7.4	7.8	7.2	7.4	---	---	---
22	---	---	---	8.2	7.9	8.1	7.4	7.1	7.2	---	---	---
23	---	---	---	8.6	8.3	8.4	8.4	7.4	7.9	---	---	---
24	---	---	---	8.7	8.5	8.6	8.9	8.3	8.7	---	---	---
25	---	---	---	8.9	8.7	8.7	9.2	8.9	9.0	---	---	---
26	7.0	6.5	6.9	9.0	8.8	8.9	9.6	9.2	9.4	---	---	---
27	7.3	6.8	7.2	9.0	8.4	8.8	9.7	9.6	9.6	---	---	---
28	7.3	7.1	7.2	8.3	7.2	7.7	9.8	9.3	9.7	---	---	---
29	7.1	6.8	7.0	7.4	7.1	7.3	9.6	9.2	9.4	---	---	---
30	7.2	7.0	7.1	8.0	7.1	7.5	9.3	8.8	9.1	11.2	11.0	11.1
31	7.6	7.2	7.4	---	---	---	9.5	8.7	9.1	12.0	11.3	11.6
MONTH	7.6	4.5	6.3	9.0	5.4	7.5	10.6	7.0	8.8	12.0	8.1	9.7

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	6.5	6.2	6.4	6.8	6.7	6.7	6.0	5.6	5.8
2	---	---	---	7.3	6.4	6.6	7.0	6.7	6.9	---	---	---
3	6.1	5.7	5.8	6.8	6.2	6.5	7.2	6.9	7.0	---	---	---
4	6.1	5.5	5.8	6.4	5.8	6.2	---	---	---	---	---	---
5	6.1	5.3	5.8	6.1	5.8	6.0	---	---	---	---	---	---
6	5.6	5.3	5.5	6.4	6.0	6.2	7.6	7.3	7.4	6.6	6.3	6.4
7	6.0	5.4	5.7	6.9	6.1	6.5	7.6	7.2	7.4	6.6	6.3	6.4
8	6.0	5.5	5.7	6.8	6.3	6.5	7.4	7.1	7.3	6.5	6.1	6.3
9	5.7	5.5	5.5	6.7	6.1	6.4	7.1	6.8	7.0	6.4	6.1	6.2
10	6.0	5.5	5.8	6.5	6.0	6.3	8.3	6.9	7.1	6.3	6.0	6.1
11	6.7	5.8	6.1	6.9	6.3	6.5	7.1	6.8	6.9	6.3	5.8	6.0
12	6.9	6.6	6.8	6.9	6.4	6.6	7.0	6.7	6.8	6.2	5.8	6.1
13	7.4	6.9	7.1	6.7	6.0	6.4	7.0	6.8	6.9	7.2	6.1	6.5
14	7.6	7.2	7.4	6.4	6.0	6.2	7.3	6.8	7.0	---	---	---
15	7.5	7.0	7.3	6.5	5.9	6.2	7.3	6.9	7.1	---	---	---
16	7.2	6.7	6.9	6.8	6.0	6.5	7.2	6.9	7.0	---	---	---
17	7.0	6.5	6.7	6.9	6.0	6.5	7.0	6.6	6.9	---	---	---
18	6.7	6.2	6.5	8.4	5.8	6.7	---	---	---	---	---	---
19	6.9	6.4	6.7	7.0	5.9	6.6	---	---	---	---	---	---
20	7.4	6.4	7.0	6.9	6.0	6.6	---	---	---	---	---	---
21	8.5	6.3	7.1	6.8	5.8	6.4	---	---	---	---	---	---
22	9.0	6.3	7.4	6.5	6.1	6.4	---	---	---	---	---	---
23	8.9	6.0	8.3	6.8	6.3	6.6	---	---	---	---	---	---
24	9.2	7.0	8.0	6.6	5.6	6.3	---	---	---	---	---	---
25	8.4	6.8	7.6	7.5	6.1	6.7	---	---	---	---	---	---
26	8.0	6.4	7.2	7.4	6.0	6.5	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	7.4	6.9	7.1	---	---	---	---	---	---	---	---	---
29	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
30	7.0	6.1	6.6	7.0	6.7	6.9	6.2	5.9	6.1	---	---	---
31	---	---	---	7.0	6.7	6.8	6.0	5.8	5.9	---	---	---
MONTH	9.2	5.3	6.7	8.4	5.6	6.5	8.3	5.8	6.9	7.2	5.6	6.2
YEAR	12.2	4.5	7.8									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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.--Water-stage recorder. Datum of gage is 300.00 ft above National geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Oct 3-10, Nov. 8-13, Mar. 6-18, and May 16-22. Records poor.

AVERAGE DISCHARGE.--12 years, 606 ft³/s, 18.54 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft³/s Oct. 10, 1976, gage height 32.58 ft; minimum, 108 ft³/s. Sept. 17, 1980, gage height, 14.50 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Feb. 4	0100	*3,420	*22.93				

Minimum discharge, 135 ft³/s, Jun. 25, gage height, 14.53 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	299	337	855	312	905	620	372	265	204	294	392	425
2	393	327	823	322	2330	572	373	261	201	269	587	353
3	350	320	874	618	3120	553	353	299	189	316	383	301
4	340	320	820	1280	2730	530	344	353	180	232	306	276
5	338	314	606	1530	1230	542	344	367	177	197	267	259
6	290	361	1110	902	2320	522	369	369	176	187	232	244
7	335	341	1000	647	2870	510	418	370	171	199	233	234
8	330	330	639	557	1400	490	408	316	191	277	466	227
9	270	290	518	505	961	480	365	269	242	234	799	232
10	274	340	468	461	798	480	365	319	252	199	350	219
11	274	350	447	432	724	460	344	367	210	180	271	213
12	261	370	420	408	802	450	344	335	200	163	236	205
13	255	390	400	393	1350	435	343	307	221	193	218	197
14	249	322	391	397	1050	425	337	360	243	605	205	193
15	246	309	381	388	780	420	347	354	197	408	192	188
16	245	307	374	367	683	410	395	295	189	257	181	182
17	248	305	368	401	628	410	458	289	185	255	206	175
18	248	301	360	457	586	400	397	287	218	239	1720	177
19	254	297	353	469	561	471	358	285	191	222	1910	171
20	269	301	351	417	555	600	339	284	165	189	1610	167
21	260	317	351	376	555	503	318	282	156	175	549	164
22	377	331	350	342	540	449	318	252	148	167	454	161
23	682	348	344	349	508	506	307	219	141	253	380	161
24	588	366	340	387	500	480	306	213	137	233	391	163
25	433	402	331	399	494	425	296	260	137	311	431	163
26	367	431	327	379	572	397	291	238	241	502	500	159
27	334	509	320	363	941	384	282	233	216	383	472	158
28	313	690	315	355	744	377	283	224	160	334	400	148
29	350	742	317	370	---	382	271	217	153	295	343	146
30	434	813	318	383	---	382	273	201	305	784	314	145
31	360	---	315	457	---	376	---	202	---	587	585	---
TOTAL	10266	11481	15186	15423	31237	14441	10318	8892	5796	9139	15583	6206
MEAN	331	383	490	498	1116	466	344	287	193	295	503	207
MAX	682	813	1110	1530	3120	620	458	370	305	784	1910	425
MIN	245	290	315	312	494	376	271	201	137	163	181	145

CAL YR 1984	TOTAL	288283	MEAN	788	MAX	5420	MIN	245
WTR YR 1985	TOTAL	153968	MEAN	422	MAX	3120	MIN	137

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

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

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.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 127 microsiemens, Dec. 23, 1979, minimum, 21 microsiemens Feb. 28, 1984.
pH: Maximum, 7.9 units, Aug. 13, 1980; minimum, 5.6 units, Sept. 18, 1977.
WATER TEMPERATURE: Maximum, 31.0°C, July 21, 1981; minimum, 0.5°C, Jan. 19, 20, 1977, Jan. 11, 12, 1981, Jan. 21-25, 1985.
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, 105 microsiemens, Sept. 26; minimum, 31 microsiemens, Aug. 20.
pH: Maximum, 7.3 units, several days in Jan., Mar., and Jun.; minimum, 6.3 units, Aug. 19, 20.
WATER TEMPERATURE: Maximum, 29.5°C, June 5, 6; minimum, 0.5°C, Jan. 21-25.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Jan. 22, 23; minimum, 5.4 mg/L, Nov. 2, Dec. 20-23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	69	66	67	71	67	69	54	51	53			
2	65	58	62	73	69	71	55	53	54			
3	61	57	59	72	69	71	57	53	55			
4	60	57	58	72	70	71	---	---	---			
5	65	60	63	72	68	70	---	---	---			
6	66	62	64	70	65	68	48	44	46			
7	71	65	68	68	64	65	48	43	44			
8	69	66	67	66	63	64	46	43	45			
9	68	66	67	66	63	64	50	45	47			
10	68	66	67	71	63	66	50	46	48			
11	68	65	66	72	68	70	50	44	49			
12	68	64	66	70	65	68	52	48	50			
13	68	64	66	---	---	---	54	49	52			
14	68	63	65	---	---	---	58	54	56			
15	69	65	67	---	---	---	56	54	55			
16	70	67	68	66	59	63	62	56	58			
17	69	67	68	65	62	63	62	60	61			
18	70	67	69	63	60	62	62	58	61			
19	72	69	70	67	63	65	63	60	61			
20	71	68	69	67	62	65	63	61	62			
21	72	70	71	61	56	58	63	61	63			
22	74	61	72	57	54	55	65	62	63			
23	64	56	60	56	53	55	64	61	63			
24	59	55	57	55	51	53	61	60	61			
25	66	57	62	56	51	53	62	60	61			
26	66	62	65	53	49	51	62	58	60			
27	68	62	65	58	51	54	58	57	58			
28	69	65	68	62	58	60	58	56	57			
29	70	67	69	62	56	58	58	56	57			
30	68	65	66	56	52	54	59	56	58			
31	68	64	66	---	---	---	62	58	60			
MONTH	74	55	66	73	49	62	65	43	56			

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	53	52	53	67	64	66	76	71	74
2	---	---	---	55	52	53	64	60	62	74	71	73
3	---	---	---	56	53	54	64	52	60	76	70	73
4	---	---	---	57	53	55	67	61	65	73	68	70
5	---	---	---	59	56	57	71	67	68	69	64	67
6	---	---	---	58	55	56	71	68	69	68	61	65
7	---	---	---	58	53	55	71	67	69	74	66	70
8	48	45	46	59	53	56	71	66	68	73	69	70
9	49	47	48	61	58	59	68	64	66	70	67	68
10	51	49	50	62	57	59	68	63	65	71	67	69
11	53	51	52	63	59	60	69	63	67	74	70	72
12	53	51	52	63	58	60	72	65	69	75	72	73
13	52	45	49	61	56	58	73	71	72	79	72	75
14	57	46	49	62	57	60	75	72	74	79	73	76
15	51	48	50	63	60	61	76	74	75	76	71	74
16	51	50	51	60	58	59	76	71	74	72	68	70
17	54	50	52	61	58	60	71	67	69	76	70	73
18	56	53	54	59	56	58	74	67	71	78	71	74
19	57	54	56	56	52	54	77	68	72	77	70	74
20	59	54	57	56	51	54	78	73	76	79	72	75
21	60	57	58	58	55	56	80	74	77	81	75	79
22	61	56	59	56	53	54	83	74	77	81	79	80
23	66	61	62	56	50	54	80	76	79	80	78	79
24	64	61	62	58	50	56	79	76	77	78	75	77
25	63	62	63	57	53	55	82	75	78	81	75	78
26	64	60	62	58	50	54	82	77	79	81	76	78
27	60	56	57	58	50	55	77	75	76	80	72	77
28	55	53	54	61	54	59	80	76	78	80	77	78
29	---	---	---	68	61	64	81	76	78	80	76	79
30	---	---	---	68	63	66	78	73	75	79	78	79
31	---	---	---	68	65	67	---	---	---	82	78	80
MONTH	66	45	54	68	50	57	83	52	72	82	61	74
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	86	82	84	74	57	65	---	---	---	81	62	72
2	89	85	86	70	61	66	---	---	---	89	76	83
3	93	85	88	66	62	64	56	45	53	88	80	83
4	93	87	90	67	62	65	60	49	55	86	80	82
5	96	90	92	68	64	66	71	61	66	83	71	78
6	96	89	92	75	66	69	76	71	74	80	70	75
7	97	90	93	80	68	76	77	74	76	77	70	73
8	97	90	94	80	66	77	76	47	70	88	73	81
9	100	92	96	80	68	74	60	46	52	88	76	82
10	103	95	98	75	69	71	70	61	66	99	85	94
11	94	89	91	85	63	74	70	67	69	97	82	91
12	89	85	88	---	---	---	69	66	67	98	85	92
13	86	81	84	---	---	---	83	68	75	94	79	86
14	91	81	86	---	---	---	---	---	---	88	73	80
15	84	79	83	---	---	---	---	---	---	90	75	82
16	94	80	85	74	62	70	---	---	---	93	76	84
17	---	---	---	75	70	72	---	---	---	93	75	85
18	---	---	---	85	64	74	---	---	---	87	70	80
19	---	---	---	---	---	---	45	36	39	93	74	85
20	86	81	83	---	---	---	55	31	47	95	81	87
21	86	78	82	---	---	---	62	54	58	96	83	90
22	89	81	85	---	---	---	66	62	64	100	86	92
23	90	84	87	---	---	---	70	65	67	97	86	91
24	88	67	81	---	---	---	71	56	68	97	84	91
25	89	80	84	---	---	---	72	61	67	103	91	99
26	84	72	82	---	---	---	72	64	69	105	91	96
27	73	67	69	---	---	---	70	63	66	103	79	90
28	71	68	69	---	---	---	79	68	73	82	71	76
29	73	58	67	---	---	---	87	76	81	80	65	73
30	71	59	66	---	---	---	88	80	84	85	64	73
31	---	---	---	---	---	---	87	65	75	---	---	---
MONTH	103	58	85	85	57	70	88	31	66	105	62	84
YEAR	105	31	68									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Contined

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	7.0	7.3	7.4	7.1	7.3	---	---	---	---	---	---
2	7.3	6.9	7.1	7.5	6.0	6.8	---	---	---	---	---	---
3	7.2	6.8	7.0	7.5	6.0	6.5	8.2	7.9	8.1	---	---	---
4	7.1	6.7	6.9	7.0	6.0	6.3	8.3	8.0	8.1	---	---	---
5	7.0	6.6	6.8	7.0	6.0	6.1	8.2	7.8	8.0	---	---	---
6	7.0	6.6	6.8	6.1	6.0	6.1	7.9	7.6	7.8	6.6	6.4	6.5
7	7.1	6.7	6.9	7.6	6.0	6.8	7.8	7.5	7.6	6.7	6.5	6.6
8	7.1	6.7	6.9	7.0	6.0	6.4	7.5	7.2	7.4	6.7	6.5	6.6
9	7.0	6.5	6.8	7.0	6.0	6.6	7.3	7.2	7.2	6.6	6.4	6.5
10	7.1	6.6	6.7	7.0	6.6	6.8	7.5	7.2	7.3	6.6	6.4	6.5
11	7.2	6.6	6.8	6.7	6.3	6.5	7.4	7.1	7.2	6.7	6.4	6.5
12	8.5	6.7	7.0	---	---	---	7.3	7.0	7.1	6.8	6.5	6.6
13	9.0	6.2	7.5	---	---	---	7.3	7.1	7.2	7.4	6.8	7.1
14	9.2	7.1	7.6	---	---	---	7.4	7.1	7.2	8.1	7.5	7.8
15	9.1	5.8	7.6	---	---	---	7.4	7.1	7.3	8.2	7.9	8.0
16	7.8	6.6	7.2	---	---	---	7.9	7.1	7.3	8.2	7.8	8.0
17	---	---	---	---	---	---	8.2	6.9	7.3	8.1	7.8	7.9
18	---	---	---	---	---	---	7.4	6.6	6.9	8.1	7.8	7.9
19	---	---	---	---	---	---	6.9	6.6	6.8	8.1	7.7	7.9
20	7.6	7.1	7.3	---	---	---	6.9	6.3	6.7	7.9	7.6	7.8
21	7.7	7.2	7.4	---	---	---	7.1	6.8	7.0	7.8	7.5	7.6
22	7.6	7.1	7.4	---	---	---	7.3	7.1	7.2	7.6	7.3	7.5
23	7.4	6.8	7.2	---	---	---	7.8	7.3	7.6	7.6	7.3	7.4
24	6.8	6.5	6.7	---	---	---	7.8	7.1	7.7	7.3	7.0	7.2
25	7.2	6.6	6.9	---	---	---	7.7	7.3	7.6	7.2	6.9	7.0
26	6.7	6.5	6.6	---	---	---	8.4	7.6	7.8	7.2	6.9	7.0
27	---	---	---	---	---	---	7.7	7.3	7.6	7.4	6.9	7.2
28	7.3	6.8	7.1	---	---	---	---	---	---	8.0	7.4	7.8
29	7.4	6.8	7.2	---	---	---	---	---	---	8.2	7.8	8.0
30	7.2	7.0	7.1	---	---	---	---	---	---	8.1	7.5	7.8
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	9.2	5.8	7.1	7.6	6.0	6.6	8.4	6.3	7.4	8.2	6.4	7.3
YEAR	12.8	5.4	8.2									

02160775 HELLERS CREEK NR POMARIA, S.C.

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 mi^2.

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

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

REMARKS.--Records fair, except for estimated daily discharges; Oct. 1-10, which are poor.

AVERAGE DISCHARGE.--5 years, 7.86 ft^3/s, 13.08 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 756 ft^3/s, Mar. 17, 1983, gage height, 8.02 ft; minimum daily, 0.60 ft^3/s, Jul. 11, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 340 ft^3/s, Feb. 6, gage height, 6.90 ft; minimum daily, 0.60 ft^3/s, July 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	1.6	1.6	1.9	13	4.5	3.3	2.0	1.5	1.0	1.8	2.0
2	1.7	1.6	1.7	2.0	146	4.5	3.2	2.1	1.3	.95	1.5	1.7
3	1.6	1.5	3.7	7.3	27	4.3	3.2	4.5	1.3	.83	1.3	1.5
4	1.5	1.6	2.1	20	15	4.2	3.2	3.2	1.3	.89	1.2	1.5
5	1.3	1.6	6.6	7.8	53	4.2	3.1	2.6	1.2	.99	1.1	1.4
6	1.4	1.5	5.1	4.9	138	4.0	4.8	2.3	1.2	.90	1.0	1.3
7	1.6	1.4	3.1	4.3	25	3.8	3.8	2.1	1.7	.83	1.0	1.3
8	1.5	1.4	2.5	3.9	15	4.0	3.4	2.1	2.2	.71	1.9	1.2
9	1.4	1.4	2.2	3.5	12	4.1	3.2	2.3	1.4	.66	1.3	1.2
10	1.5	1.4	2.1	3.3	9.6	3.9	3.0	2.4	1.4	.62	1.1	1.1
11	1.7	2.4	2.1	3.1	8.7	3.8	3.0	2.3	1.6	.60	.96	1.1
12	1.7	1.8	2.1	2.7	16	3.8	3.0	2.1	1.4	.62	.90	1.1
13	1.6	1.6	2.1	2.6	11	3.7	2.9	2.1	1.2	2.3	.85	1.1
14	1.6	1.6	2.0	2.5	8.7	3.8	3.1	2.0	1.2	1.5	.82	1.1
15	1.6	1.5	2.0	2.4	7.7	3.7	3.7	2.0	1.3	.99	.80	1.1
16	1.5	1.5	2.0	2.3	6.9	3.6	4.2	2.0	2.0	.97	.79	1.1
17	1.5	1.4	2.0	4.1	6.5	3.6	3.7	2.0	1.3	.93	2.0	1.1
18	1.5	1.4	2.0	3.8	6.2	3.3	3.3	1.9	1.2	.86	1.6	1.1
19	1.5	1.4	1.9	3.2	6.0	3.3	3.0	1.8	1.2	.78	1.1	1.1
20	1.5	1.4	1.9	2.9	7.1	3.3	2.8	1.8	1.2	.74	.96	1.1
21	1.6	1.4	1.9	2.0	6.3	3.7	2.6	1.8	1.0	.69	.94	1.1
22	1.4	1.4	1.9	2.0	5.8	5.1	2.5	1.6	1.0	.69	1.0	1.0
23	2.0	1.4	1.9	1.9	5.5	4.6	2.4	1.7	1.0	1.0	.89	.94
24	1.9	1.4	1.9	2.2	5.4	4.2	3.3	1.6	1.1	2.1	2.4	1.4
25	1.6	1.4	1.9	2.3	5.3	3.9	4.0	1.6	1.1	1.8	6.4	1.2
26	1.5	1.5	1.8	2.1	5.2	3.7	3.1	1.5	.94	1.3	7.3	1.1
27	1.6	1.5	1.9	2.0	5.1	3.6	2.7	1.4	.88	1.5	3.1	1.0
28	1.6	2.0	1.8	2.4	4.7	3.6	2.5	1.6	.86	1.9	2.2	.99
29	1.8	1.8	1.9	2.4	---	3.6	2.3	1.6	1.0	5.7	1.8	1.0
30	1.7	1.7	1.9	2.2	---	3.5	2.0	2.1	1.3	4.5	2.1	1.0
31	1.6	---	1.9	4.7	---	3.4	---	1.7	---	2.3	2.5	---
TOTAL	50.0	46.5	71.5	114.7	581.7	120.3	94.3	63.8	38.28	42.15	54.61	35.93
MEAN	1.61	1.55	2.31	3.70	20.8	3.88	3.14	2.06	1.28	1.36	1.76	1.20
MAX	2.5	2.4	6.6	20	146	5.1	4.8	4.5	2.2	5.7	7.3	2.0
MIN	1.3	1.4	1.6	1.9	4.7	3.3	2.0	1.4	.86	.60	.79	.94

CAL YR 1984	TOTAL	2738.2	MEAN	7.48	MAX	177	MIN	1.0
WTR YR 1985	TOTAL	1313.77	MEAN	3.60	MAX	146	MIN	.60

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.--March 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1978 to current year.
pH: March 1978 to current year.
WATER TEMPERATURE: March 1978 to current year.
DISSOLVED OXYGEN: March 1978 to current year.

INSTRUMENTATION.--Water-quality monitor since March 1978.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 116 microsiemens Oct. 19, 1981 and Oct. 15, 1983; minimum, 32 microsiemens, Jan. 6, 1982
pH: Maximum, 9.1 units, June 20, 1978, June 21, 1985; minimum, 6.2 units, July 27, 1982, Aug. 21-24 and Dec. 7, 1983.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 17, 1984; minimum, 1.0°C, Jan. 15, 1982.
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, 113 microsiemens, July 25; minimum, 47 microsiemens, Feb. 7.
pH: Maximum, 9.1 units, June 21; minimum, 6.3 units, Aug. 18, 19, 20.
WATER TEMPERATURE: Maximum, 32.5°C, Sept. 8; minimum, 2.5°C, Jan. 26.
DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 26, Feb. 18; minimum, 3.2 mg/L, July 21-22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	88	71	73	87	74	78	86	81	82	86	85	85
2	82	72	73	77	75	76	84	81	82	85	82	84
3	73	72	72	81	74	76	82	80	81	84	82	83
4	73	72	72	82	71	75	82	81	82	85	83	84
5	79	72	73	86	72	75	82	80	82	84	68	80
6	83	71	72	77	76	77	82	74	81	84	63	79
7	84	71	76	78	76	76	83	76	82	86	65	80
8	92	72	76	86	75	78	83	71	80	84	67	80
9	81	72	74	85	76	78	83	73	80	84	69	81
10	82	72	74	82	76	77	82	75	80	84	74	82
11	84	72	74	85	77	78	83	81	82	84	77	82
12	83	72	75	79	76	77	83	81	82	84	83	83
13	76	73	73	79	74	77	83	81	83	85	83	83
14	86	74	78	87	76	79	83	81	83	85	83	83
15	87	73	76	84	75	81	83	79	82	85	83	83
16	81	73	75	88	82	83	88	82	84	85	83	83
17	83	73	75	86	82	83	89	82	84	85	83	83
18	87	73	76	91	82	84	84	82	83	83	82	83
19	84	75	77	94	82	85	87	83	84	88	83	84
20	84	76	79	87	63	77	88	83	84	90	83	85
21	88	78	82	75	64	70	88	83	84	87	83	84
22	90	77	81	82	70	74	87	83	84	87	83	84
23	89	75	79	86	73	77	83	83	83	89	83	84
24	82	74	78	78	76	77	93	83	85	92	83	85
25	79	75	77	85	78	80	93	83	86	85	84	84
26	77	74	75	87	79	81	88	83	85	93	84	86
27	78	74	76	84	80	81	84	83	84	91	84	87
28	80	76	78	86	81	82	86	80	85	91	84	86
29	83	76	78	87	81	82	86	85	86	99	83	86
30	80	74	77	83	81	81	86	85	86	94	82	86
31	83	74	77	---	---	---	86	84	86	88	74	82
MONTH	92	71	76	94	63	79	93	71	83	99	63	83

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	85	75	83	78	71	76	88	81	83	80	76	77
2	84	79	82	77	74	76	86	81	82	89	78	79
3	83	60	80	77	72	75	90	81	83	84	78	80
4	83	59	80	77	76	76	89	82	84	83	79	80
5	82	57	76	77	74	76	86	82	83	95	83	87
6	80	59	74	77	76	77	89	82	83	93	85	87
7	78	47	70	80	77	77	88	82	84	87	85	86
8	79	51	71	80	77	78	91	81	84	90	85	87
9	77	55	72	81	77	78	88	82	84	88	86	87
10	77	62	72	85	77	79	89	82	83	89	88	89
11	75	66	73	85	78	80	85	82	82	92	89	90
12	74	72	73	82	77	79	82	81	82	100	91	93
13	75	66	73	83	78	79	85	81	83	104	93	96
14	77	65	74	82	78	80	90	81	83	101	94	96
15	78	75	76	81	78	78	88	82	83	99	91	93
16	77	76	76	81	78	78	87	82	83	93	90	91
17	77	77	77	83	78	79	87	81	84	92	88	91
18	78	65	76	85	78	79	86	81	83	96	89	92
19	78	77	78	84	78	79	83	76	81	96	92	94
20	78	76	77	88	78	80	80	74	78	97	93	94
21	78	76	77	84	78	80	78	76	77	98	92	94
22	76	71	75	82	78	79	79	77	77	98	92	93
23	76	73	75	84	78	79	78	71	76	100	93	94
24	76	75	75	88	78	81	81	70	78	104	92	94
25	77	75	76	81	66	77	82	73	77	97	91	93
26	78	76	77	86	80	82	80	74	76	104	92	95
27	78	77	77	86	81	82	82	74	76	104	92	96
28	78	72	77	85	81	82	85	68	77	101	93	96
29	---	---	---	83	81	81	83	68	75	99	91	94
30	---	---	---	82	81	81	79	72	76	97	89	91
31	---	---	---	86	81	82	---	---	---	97	91	93
MONTH	85	47	76	88	66	79	91	68	81	104	76	90
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	95	87	90	107	93	97	93	83	89	83	82	82
2	94	86	89	103	94	96	92	84	90	83	79	82
3	97	87	89	95	94	94	92	87	91	82	81	82
4	95	86	89	104	94	97	94	87	91	82	81	82
5	94	87	90	103	95	98	96	90	92	83	81	82
6	102	89	91	101	94	96	94	90	91	82	81	82
7	100	89	92	101	93	96	94	90	91	83	81	82
8	93	90	91	100	93	96	94	90	91	85	81	82
9	104	88	93	97	93	95	100	90	91	87	82	83
10	105	92	96	95	94	94	91	90	90	89	82	83
11	101	93	95	96	94	94	91	90	90	90	82	84
12	99	93	95	96	94	94	95	90	91	95	83	85
13	94	92	93	95	94	94	99	90	93	84	83	84
14	97	92	93	97	94	95	105	87	93	96	84	86
15	95	93	93	97	93	95	96	88	90	94	84	86
16	95	93	94	95	93	94	95	88	90	93	84	85
17	97	91	93	94	93	94	97	89	90	89	84	85
18	95	91	92	96	94	94	98	56	85	96	83	85
19	96	91	92	96	93	94	90	51	81	88	84	85
20	100	90	92	95	94	94	89	52	77	94	84	85
21	91	90	91	95	94	94	88	55	76	96	84	85
22	93	90	91	96	94	94	88	59	78	96	84	86
23	103	91	96	104	93	95	86	68	80	96	85	86
24	107	91	96	103	93	95	82	76	80	100	85	88
25	100	92	94	113	94	97	82	76	80	105	85	89
26	100	92	94	95	94	94	83	74	81	100	85	88
27	101	92	95	98	94	95	84	77	82	92	86	87
28	102	93	94	95	86	93	85	79	83	103	86	89
29	94	93	93	93	83	90	84	76	82	109	86	91
30	100	93	95	93	76	89	83	78	82	88	86	87
31	---	---	---	91	78	87	83	79	82	---	---	---
MONTH	107	86	93	113	76	94	105	51	86	109	79	85
YEAR	113	47	84									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	20.0	22.5	23.5	22.0	23.0	15.5	11.0	13.5	13.5	12.0	12.5
2	23.5	20.0	22.5	24.5	23.0	23.5	14.5	9.5	13.0	14.5	13.0	13.5
3	22.5	22.5	22.5	23.0	22.0	22.0	14.5	11.0	13.5	15.0	13.0	14.0
4	23.0	22.0	22.5	22.0	19.5	21.0	14.0	12.5	14.0	13.5	12.0	13.0
5	22.5	20.5	22.0	21.5	18.5	21.0	13.5	10.0	12.5	12.5	9.0	11.5
6	24.0	22.5	23.0	22.0	21.5	21.5	13.0	9.5	12.0	12.5	8.0	11.0
7	23.5	20.5	23.0	22.0	20.5	21.5	12.0	8.0	11.0	12.0	7.0	10.5
8	23.5	20.5	23.0	21.5	16.0	20.0	11.5	5.5	10.0	12.0	6.5	10.5
9	24.0	21.5	23.0	21.5	16.5	20.0	12.0	5.0	9.5	12.0	6.5	10.5
10	23.5	21.5	23.0	21.5	18.0	21.0	11.5	4.5	10.0	11.5	6.5	10.5
11	23.0	21.5	22.5	21.0	17.5	20.5	12.0	9.0	11.0	11.5	6.0	10.0
12	24.0	21.5	23.0	20.5	19.0	19.5	11.5	6.5	10.5	11.0	10.5	11.0
13	24.0	22.5	23.0	19.5	17.0	18.5	12.0	8.0	11.0	10.5	5.0	9.5
14	23.0	21.0	22.0	19.0	14.5	18.0	13.5	9.0	11.5	10.0	5.0	9.0
15	22.5	21.0	22.0	19.0	15.5	18.5	13.5	8.5	11.0	10.0	7.5	9.5
16	23.5	21.5	22.5	18.5	14.5	17.5	12.5	9.5	11.0	10.5	5.5	9.0
17	24.5	21.5	22.5	18.5	12.0	16.5	14.0	10.5	12.0	9.5	5.0	8.5
18	24.5	21.5	23.0	18.0	11.5	16.0	13.0	11.0	11.5	9.5	9.0	9.5
19	23.0	22.0	22.5	17.5	11.0	16.0	12.0	11.0	11.5	9.5	4.5	8.5
20	22.5	22.0	22.5	16.0	12.5	15.0	13.5	11.0	12.0	8.5	5.0	7.0
21	22.5	22.0	22.5	15.0	12.0	14.0	12.0	11.0	12.0	8.0	5.0	7.5
22	23.0	22.0	22.5	14.5	9.5	13.5	12.0	11.0	11.5	8.0	4.0	7.0
23	23.5	22.5	23.0	15.0	9.0	13.5	12.5	12.0	12.0	8.0	3.0	7.0
24	24.5	22.5	23.0	14.5	13.5	14.5	13.0	12.0	12.5	8.0	3.5	6.5
25	24.5	22.5	23.5	14.5	8.0	13.0	14.0	11.5	12.5	8.0	7.0	7.5
26	25.5	22.0	24.0	15.5	9.0	14.0	13.0	11.5	12.5	8.5	2.5	7.0
27	24.5	22.5	23.5	15.0	12.0	14.5	14.0	12.0	12.5	7.5	4.0	6.0
28	23.0	22.0	22.5	14.5	11.0	13.5	13.0	11.5	12.5	8.0	3.5	7.0
29	23.0	22.5	22.5	14.0	11.0	13.5	12.5	12.0	12.0	8.5	3.0	7.5
30	24.0	22.5	23.0	14.5	12.5	14.0	13.5	11.5	12.5	8.0	3.5	7.0
31	23.5	22.0	22.5	---	---	---	16.0	12.0	13.5	9.0	5.5	7.5
MONTH	25.5	20.0	22.5	24.5	8.0	17.5	16.0	4.5	12.0	15.0	2.5	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	4.0	7.0	14.0	10.5	13.0	18.5	14.0	16.0	21.5	18.5	20.5
2	9.5	7.5	9.0	14.0	9.5	12.0	17.5	14.5	16.0	22.0	19.0	20.5
3	9.5	8.0	9.0	13.0	11.0	12.5	17.0	14.0	15.0	22.5	19.0	21.5
4	10.0	7.5	9.5	12.5	10.0	11.5	16.0	14.0	15.0	22.0	20.0	21.5
5	9.5	7.0	8.5	13.5	10.0	11.0	16.5	14.0	15.0	21.5	20.0	21.0
6	8.5	6.0	8.0	15.0	11.5	13.0	17.5	14.5	16.0	22.0	19.5	20.5
7	8.5	5.5	8.0	15.0	11.0	13.0	17.5	15.0	16.0	23.5	19.5	21.5
8	8.5	6.0	7.5	13.5	11.0	12.0	17.5	15.0	17.0	22.5	21.5	22.0
9	8.5	5.5	7.5	14.5	11.5	13.5	17.0	15.5	16.5	21.5	21.0	21.5
10	8.0	5.0	7.0	15.0	12.0	13.5	17.5	15.5	16.5	22.5	21.0	21.5
11	8.0	5.0	7.0	14.0	11.0	12.5	16.5	15.0	16.0	23.5	21.0	22.0
12	7.5	7.0	7.0	13.0	9.5	11.5	17.5	16.0	16.5	23.5	20.5	21.5
13	7.0	5.0	6.5	15.0	12.0	13.5	19.0	16.0	17.5	26.5	21.0	23.0
14	7.0	5.5	6.5	14.5	12.5	13.5	19.0	17.0	18.0	26.5	21.0	22.5
15	7.0	7.0	7.0	17.0	12.5	15.5	18.0	16.5	17.5	24.5	20.5	22.5
16	8.0	6.5	7.0	16.0	13.5	14.5	19.5	16.0	18.0	24.5	21.0	22.5
17	7.0	7.0	7.0	15.0	13.5	14.5	20.5	17.0	18.5	24.0	22.0	23.0
18	9.0	5.5	8.0	14.5	13.0	14.0	19.5	16.0	18.0	24.0	21.5	23.0
19	9.0	8.0	8.5	13.5	12.5	13.0	20.0	17.0	18.5	25.5	21.5	23.0
20	8.5	7.5	8.5	13.0	12.5	13.0	23.0	17.5	19.0	26.0	21.0	23.0
21	9.5	7.5	8.5	14.0	13.0	13.5	19.5	17.0	18.5	25.0	21.5	23.0
22	8.5	7.5	8.0	13.5	12.0	13.5	22.5	17.0	19.5	24.0	21.0	22.5
23	9.5	7.5	8.5	13.5	11.0	12.5	22.0	17.0	19.5	23.5	21.0	22.0
24	10.5	8.0	9.0	13.0	11.5	12.5	21.0	17.0	18.5	24.5	21.0	23.0
25	12.5	8.5	10.5	15.5	12.5	14.0	25.0	17.5	21.0	27.0	22.0	24.0
26	13.0	8.0	11.5	17.5	13.0	14.0	22.5	18.0	20.0	26.5	21.5	23.5
27	15.5	8.5	12.5	13.5	12.5	13.0	22.5	18.5	20.5	24.0	22.0	23.0
28	14.5	9.5	13.0	14.5	12.5	13.5	23.0	18.5	21.0	23.5	21.5	22.0
29	---	---	---	14.5	13.0	14.0	24.0	21.0	22.5	25.5	22.0	23.5
30	---	---	---	16.5	14.0	14.5	23.5	18.5	20.5	25.0	22.5	24.0
31	---	---	---	17.5	13.0	14.5	---	---	---	24.0	21.5	22.5
MONTH	15.5	4.0	8.5	17.5	9.5	13.0	25.0	14.0	18.0	27.0	18.5	22.5

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	22.0	23.5	28.0	26.5	27.5	30.0	27.5	28.5	28.5	26.0	27.5
2	28.0	22.5	24.5	27.5	26.0	26.5	29.5	27.5	29.0	28.5	25.5	27.0
3	28.0	22.0	24.5	28.5	26.0	27.0	29.5	27.0	28.5	28.0	26.5	27.0
4	28.5	23.0	25.0	27.5	26.0	26.5	29.5	26.0	28.0	28.0	26.5	27.0
5	29.0	23.0	25.0	27.0	26.0	26.5	28.5	26.0	27.5	28.0	27.0	27.0
6	28.0	23.5	26.0	27.0	26.0	26.5	27.5	27.0	27.5	28.0	27.0	27.5
7	29.5	24.5	26.5	28.0	26.0	27.0	28.0	27.0	27.5	32.0	27.0	28.0
8	27.0	24.5	25.5	28.5	26.5	27.5	27.5	27.0	27.5	32.5	27.5	29.0
9	27.5	25.5	26.5	29.0	27.0	27.5	29.5	27.0	28.0	31.0	27.5	28.5
10	29.0	24.5	26.5	28.5	26.5	27.5	30.5	27.0	29.0	29.0	27.5	28.5
11	26.5	24.5	25.5	30.0	27.0	28.0	30.5	27.5	28.5	32.0	27.5	29.5
12	26.5	24.5	25.0	29.5	27.0	28.0	29.5	27.5	28.5	29.5	28.0	28.5
13	27.5	24.0	26.0	30.0	27.0	28.5	29.5	28.0	28.5	28.0	27.0	27.5
14	27.0	25.0	26.0	32.0	27.5	29.0	29.5	28.0	28.5	27.0	24.5	26.5
15	26.5	25.0	25.5	29.5	27.5	28.0	29.0	27.5	28.0	27.0	23.0	26.0
16	26.0	25.5	25.5	31.5	27.5	29.0	30.0	27.5	28.5	27.0	23.0	26.0
17	26.5	25.5	26.0	31.0	28.0	29.0	28.5	27.5	28.0	27.0	24.0	26.0
18	26.5	25.0	25.5	30.0	28.0	29.0	29.5	24.0	28.0	27.0	22.5	26.0
19	26.0	25.5	26.0	30.0	27.5	29.0	29.5	23.5	27.5	27.0	24.5	26.0
20	28.0	25.0	26.5	30.0	28.0	28.5	30.5	24.0	27.5	27.0	23.5	26.0
21	27.5	25.5	26.5	29.0	27.5	28.5	32.0	25.0	28.0	27.0	24.0	26.0
22	27.0	25.5	26.5	29.0	28.0	28.5	30.0	25.5	28.0	26.0	24.0	25.5
23	27.5	25.5	26.5	30.5	28.0	28.5	28.5	26.0	27.5	27.0	24.5	25.5
24	28.0	25.5	27.0	29.0	28.0	28.5	27.5	26.0	27.0	25.5	24.5	25.0
25	27.5	26.0	27.0	28.5	27.0	28.0	27.5	25.5	27.0	26.5	24.0	25.5
26	30.5	26.5	27.5	28.0	27.5	28.0	27.5	24.5	26.5	26.0	24.5	25.5
27	29.5	26.5	27.5	28.5	26.5	28.0	27.5	25.0	26.5	25.5	25.0	25.0
28	27.5	26.0	26.5	29.0	26.5	28.0	28.0	25.5	27.0	26.5	23.0	25.0
29	29.0	26.0	27.0	28.5	26.0	27.5	28.0	25.5	27.0	25.5	22.5	24.5
30	29.0	26.0	27.5	28.5	26.0	28.0	27.5	26.0	27.0	26.0	24.5	25.0
31	---	---	---	28.5	26.5	27.5	27.5	25.5	27.0	---	---	---
MONTH	30.5	22.0	26.0	32.0	26.0	28.0	32.0	23.5	28.0	32.5	22.5	26.5
YEAR	32.5	2.5	19.5									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.2	6.2	6.5	6.6	5.6	6.1	8.5	7.4	7.8	9.6	9.0	9.3
2	7.2	6.1	6.6	6.9	5.6	6.2	8.4	7.0	7.5	9.7	9.1	9.3
3	6.4	5.6	6.1	6.0	5.6	5.8	8.1	6.8	7.4	9.7	8.9	9.4
4	12.0	6.1	8.8	5.7	5.1	5.3	8.1	7.7	7.9	9.4	8.8	9.2
5	12.0	6.1	6.7	5.7	4.9	5.2	9.0	7.7	8.1	9.7	8.9	9.2
6	12.0	6.0	8.0	5.6	5.0	5.3	8.7	7.5	8.0	10.2	8.9	9.4
7	7.8	6.9	7.3	5.7	5.5	5.6	9.2	7.7	8.1	10.6	8.9	9.3
8	7.7	6.8	7.2	6.8	5.4	5.7	9.7	7.5	8.1	10.5	8.9	9.3
9	7.7	6.8	7.2	6.6	5.4	5.7	9.8	7.7	8.4	10.7	8.9	9.3
10	7.6	6.8	7.1	6.4	5.5	5.7	10.2	7.4	8.1	10.7	8.9	9.2
11	7.2	6.8	7.0	6.9	5.6	5.8	8.5	7.4	7.7	10.8	8.7	9.3
12	7.3	6.7	7.0	6.2	5.6	6.0	9.7	7.5	8.0	9.2	9.0	9.1
13	7.5	6.5	6.9	6.7	6.2	6.4	9.0	7.4	7.8	11.1	9.0	9.4
14	7.2	6.6	6.9	7.9	6.4	6.7	8.9	7.5	7.9	11.2	9.0	9.7
15	7.1	6.4	6.7	7.3	6.6	6.8	9.1	7.5	8.3	10.5	9.6	9.8
16	7.0	6.4	6.7	8.0	6.6	7.0	8.8	7.5	8.2	11.5	9.7	10.1
17	8.3	6.4	7.0	8.6	6.6	7.1	9.8	7.5	8.4	11.9	9.8	10.2
18	8.3	6.5	7.2	8.5	6.7	7.2	9.4	8.0	8.6	10.0	9.9	9.9
19	7.6	6.4	6.8	8.6	6.5	7.0	8.8	8.3	8.6	12.2	10.0	10.4
20	6.6	6.3	6.5	8.0	6.4	6.9	9.4	8.4	8.7	12.2	10.4	11.0
21	6.6	6.3	6.4	7.2	6.4	6.8	8.8	8.5	8.7	11.5	10.2	10.5
22	6.8	6.1	6.4	8.3	6.9	7.4	8.9	8.5	8.7	11.5	10.2	10.6
23	7.5	6.2	6.6	8.9	7.4	7.9	9.2	8.8	9.0	12.0	9.6	10.4
24	11.8	6.0	6.9	8.4	7.8	8.0	9.1	8.5	8.9	11.3	9.9	10.2
25	11.9	6.1	8.1	10.2	8.1	8.7	9.4	8.6	9.1	10.3	10.0	10.1
26	11.9	6.2	8.5	10.3	8.4	8.9	9.6	9.2	9.4	12.3	10.2	10.6
27	12.0	6.0	7.8	9.4	8.4	8.7	9.4	9.2	9.3	12.0	10.0	10.9
28	11.9	6.1	11.5	9.8	8.1	8.5	9.5	9.2	9.3	11.8	10.2	10.7
29	11.8	6.3	11.2	9.3	7.8	8.2	9.5	9.1	9.3	12.2	10.2	10.7
30	11.9	6.0	8.7	8.3	7.6	7.7	10.2	9.2	9.5	12.2	10.3	10.9
31	7.3	5.8	6.6	---	---	---	9.9	9.3	9.6	11.7	10.3	10.8
MONTH	12.0	5.6	7.4	10.3	4.9	6.8	10.2	6.8	8.5	12.3	8.7	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.1	10.5	11.1	11.3	9.2	10.3	9.5	8.1	8.8	8.8	7.6	8.2
2	11.2	10.7	10.8	11.3	10.1	10.8	10.1	8.9	9.7	10.3	7.9	8.6
3	11.1	10.5	10.8	10.9	9.2	10.3	9.8	8.9	9.5	9.7	8.2	9.1
4	11.0	10.6	10.7	10.9	10.0	10.2	9.8	9.3	9.6	9.8	8.7	9.4
5	10.9	10.4	10.6	10.0	8.4	9.6	9.7	9.3	9.5	9.7	8.1	8.7
6	11.1	10.7	10.9	10.7	9.9	10.2	9.8	9.3	9.6	9.7	7.9	8.5
7	11.6	9.9	10.8	11.0	10.0	10.5	9.8	9.3	9.5	11.0	8.2	9.4
8	10.9	10.1	10.7	10.7	10.0	10.5	10.1	9.1	9.6	10.0	7.7	9.2
9	11.5	10.7	10.9	11.2	9.9	10.7	9.6	9.1	9.3	9.2	8.4	8.8
10	11.6	10.6	10.9	11.1	9.7	10.6	9.5	9.1	9.3	8.7	8.1	8.4
11	11.7	10.5	10.8	10.5	9.8	10.3	9.7	9.0	9.3	9.1	7.6	8.3
12	10.6	10.4	10.5	10.6	10.1	10.4	10.0	9.3	9.5	9.3	7.3	8.1
13	11.4	9.8	10.8	10.7	10.2	10.4	10.7	9.3	9.9	9.9	7.2	8.4
14	12.0	11.1	11.4	10.4	9.7	10.1	10.1	9.4	9.7	9.5	7.1	8.2
15	11.2	10.8	11.2	10.4	9.8	10.1	9.6	8.7	9.3	9.4	6.8	8.0
16	11.2	11.1	11.2	10.4	9.7	10.1	9.7	8.6	9.1	9.5	6.7	8.1
17	11.3	11.1	11.2	10.1	9.5	9.9	9.7	8.6	9.2	9.3	6.9	8.4
18	12.3	11.2	11.3	10.0	9.4	9.8	9.5	8.6	9.0	9.3	6.4	8.0
19	11.3	11.2	11.3	9.9	9.5	9.7	10.0	8.3	9.1	9.2	6.6	7.9
20	11.3	11.0	11.1	10.0	9.3	9.5	10.1	8.1	9.1	9.8	6.5	7.8
21	11.3	10.9	11.1	9.9	9.4	9.6	9.3	8.0	8.5	8.9	6.8	7.8
22	11.2	10.7	11.0	10.0	9.3	9.4	10.0	7.6	8.9	8.1	6.3	7.1
23	11.1	10.6	10.9	9.7	9.1	9.3	9.8	7.9	8.9	7.0	6.2	6.6
24	11.0	10.4	10.8	10.1	9.3	9.5	8.9	7.2	7.8	8.5	6.5	7.6
25	11.0	10.1	10.6	9.7	8.8	9.2	9.0	6.5	7.9	9.1	7.2	8.2
26	10.9	8.8	10.3	9.3	9.0	9.2	9.3	7.1	8.2	9.1	6.9	8.0
27	11.1	9.0	10.2	9.5	9.0	9.2	10.2	8.0	9.2	9.2	6.8	7.7
28	10.9	9.3	10.5	9.4	9.0	9.1	10.2	8.0	9.3	8.0	6.8	7.2
29	---	---	---	9.3	8.8	9.1	9.5	7.5	8.9	9.3	7.0	8.3
30	---	---	---	9.7	8.9	9.2	9.1	7.9	8.6	8.6	6.8	7.9
31	---	---	---	9.4	8.6	9.1	---	---	---	7.7	6.1	6.7
MONTH	12.3	8.8	10.9	11.3	8.4	9.9	10.7	6.5	9.1	11.0	6.1	8.2

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.0	6.1	7.2	7.3	5.5	6.4	6.3	4.4	5.1	6.4	5.2	5.8
2	8.8	6.1	7.1	7.2	5.0	6.0	5.1	3.9	4.6	6.9	5.4	5.9
3	9.5	6.1	7.1	8.2	5.1	6.5	5.3	4.1	4.8	7.5	5.0	5.8
4	8.7	6.2	7.1	7.0	4.8	5.9	5.5	4.5	5.0	6.5	4.9	5.4
5	9.1	6.2	6.9	6.3	4.7	5.5	5.7	5.0	5.3	6.4	5.1	5.5
6	8.0	5.7	6.6	6.3	5.1	5.6	5.4	4.6	5.1	6.9	4.6	5.3
7	7.3	5.5	6.2	8.0	4.7	5.9	5.7	5.1	5.4	8.7	4.7	5.8
8	6.5	5.2	6.0	8.0	5.3	6.5	6.1	4.9	5.5	8.5	4.8	6.1
9	7.6	5.3	6.2	7.4	4.8	5.6	7.6	4.9	6.0	7.7	4.5	5.8
10	8.6	4.8	5.9	6.8	4.4	5.1	8.2	5.2	6.7	7.1	4.8	5.6
11	6.5	5.4	5.9	7.7	4.9	5.7	8.1	5.1	6.1	7.9	4.2	5.9
12	6.2	5.2	5.6	7.7	4.4	6.0	7.9	4.8	6.1	6.9	5.0	5.9
13	8.2	5.5	6.9	7.8	4.4	6.2	7.0	4.5	5.5	6.1	5.2	5.8
14	8.0	5.7	7.1	7.7	4.4	5.9	7.7	4.5	5.9	6.1	5.4	5.7
15	7.2	5.6	6.4	7.1	3.7	5.3	6.9	4.3	5.2	6.5	5.4	5.7
16	6.5	5.6	5.9	7.6	4.6	5.9	7.7	4.4	5.2	6.5	5.4	5.7
17	7.3	6.0	6.7	7.1	4.2	5.5	6.1	4.2	4.7	6.3	5.5	5.8
18	6.7	5.3	6.0	6.2	4.5	5.1	7.6	4.9	6.2	7.5	5.6	6.1
19	7.3	5.3	6.3	7.1	3.8	5.1	7.5	4.8	6.3	7.1	5.7	6.1
20	8.5	5.9	7.4	5.7	3.5	4.4	8.4	5.2	6.2	7.3	5.3	6.1
21	8.9	6.4	7.3	5.3	3.2	4.1	8.0	4.8	6.4	8.6	5.7	6.8
22	8.6	6.2	7.3	5.1	3.2	4.2	7.6	5.7	6.7	6.7	5.4	5.8
23	7.3	6.2	6.7	7.2	4.4	5.3	7.2	5.3	6.1	6.2	5.3	5.7
24	8.4	6.0	7.1	6.1	4.7	5.4	5.8	5.0	5.4	6.4	5.3	5.7
25	7.9	5.9	7.0	5.8	4.4	5.1	5.9	4.6	5.1	6.5	5.4	6.0
26	8.4	5.8	6.7	5.2	4.2	4.6	6.2	4.6	5.3	7.0	5.9	6.3
27	7.7	5.4	6.1	6.2	4.0	5.4	6.0	4.8	5.2	6.2	5.2	5.8
28	7.0	5.0	5.8	7.4	5.3	6.3	5.6	4.7	5.1	7.3	5.7	6.1
29	7.2	5.1	6.0	6.7	5.7	6.2	5.6	4.7	5.2	6.8	5.8	6.2
30	7.1	5.5	6.3	6.5	5.3	5.8	5.7	4.7	5.2	6.4	5.7	6.0
31	---	---	---	5.7	4.7	5.3	6.0	5.1	5.6	---	---	---
MONTH	9.5	4.8	6.6	8.2	3.2	5.5	8.4	3.9	5.6	8.7	4.2	5.9
YEAR	12.3	3.2	7.8									

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 34°15'40'', long 81°19'55'', Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi² (from Federal Power Commission).

PERIOD OF RECORD.--1947 to current year. Records for water years prior to 1985 are in the files of the U. S. Geological Survey.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation 266.93 ft June 10; minimum, 254.68 ft Dec. 10.

Capacity Table (elevation, in feet), and usable contents (in billions of gal)

255.0	0.57
260.0	3.30
265.0	9.00
270.0	16.8
271.0	18.4

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261.47	260.64	262.87	262.26	260.45	264.07	262.34	261.05	265.54	263.09	262.48	264.85
2	260.20	262.27	261.34	263.32	261.49	262.70	261.78	264.67	261.54	265.25	265.20	264.44
3	259.93	262.40	262.89	262.54	260.93	259.52	262.14	263.94	263.86	265.71	263.24	264.03
4	260.57	260.99	263.91	261.85	261.88	261.73	263.84	263.96	265.24	263.36	260.13	263.00
5	261.72	259.75	263.54	262.14	261.93	260.28	263.76	261.14	265.56	264.52	263.27	262.35
6	262.06	260.00	264.98	259.70	259.30	261.42	263.35	264.63	262.30	264.39	265.76	265.25
7	259.43	262.82	265.22	258.90	263.62	262.12	261.65	264.05	263.08	261.30	263.87	264.64
8	262.52	261.93	263.68	260.04	264.50	261.97	260.54	259.84	263.40	265.01	261.97	261.36
9	261.98	261.57	259.10	259.46	263.55	263.70	261.16	260.33	263.68	263.15	264.52	263.14
10	261.53	260.46	262.16	260.67	261.68	261.14	262.56	261.55	265.99	263.39	265.97	265.00
11	261.87	259.12	260.98	260.90	259.52	262.51	263.76	263.65	263.74	263.30	264.57	262.10
12	262.20	264.94	263.17	263.10	260.69	263.10	264.62	263.02	262.03	265.68	264.18	264.07
13	263.44	264.10	264.83	259.71	261.78	262.73	262.33	262.23	262.29	263.53	263.46	263.19
14	261.23	264.42	264.52	261.12	260.22	262.13	259.45	264.09	262.30	263.18	265.19	263.58
15	263.62	265.03	260.83	263.26	259.26	263.19	261.97	265.02	261.13	264.87	264.20	264.49
16	263.86	263.35	257.66	260.88	258.61	264.40	261.45	263.82	259.77	263.95	265.58	262.04
17	263.56	263.93	262.95	260.83	259.44	261.89	263.26	262.31	263.72	261.89	262.48	262.30
18	263.29	261.34	263.88	261.88	258.09	263.89	264.77	262.21	261.49	262.84	259.91	265.63
19	264.97	260.86	262.98	261.91	258.60	262.94	264.97	260.66	260.63	264.08	260.06	265.90
20	262.32	262.40	264.79	260.96	257.90	263.98	265.54	260.21	260.59	263.16	260.27	265.79
21	260.55	263.39	264.06	263.15	261.94	261.73	261.53	263.34	263.03	263.15	259.57	265.20
22	262.63	260.84	263.50	260.52	261.91	262.18	265.52	262.15	265.03	264.40	263.93	264.42
23	265.16	261.03	262.84	261.37	262.96	261.03	262.21	262.53	260.85	262.60	265.48	264.31
24	265.51	262.19	260.74	262.13	260.22	260.18	263.97	262.80	263.40	262.56	265.87	265.07
25	263.12	258.95	258.84	262.32	261.26	262.41	263.90	262.87	264.56	264.80	262.78	263.68
26	262.67	262.53	262.65	263.05	262.72	262.10	265.11	262.53	264.19	265.20	263.94	263.06
27	263.01	262.67	264.14	260.95	262.99	260.99	264.10	263.30	261.45	265.01	265.20	264.78
28	260.10	262.17	265.84	261.20	264.65	261.76	259.41	261.63	266.23	262.04	263.22	262.08
29	264.65	264.14	264.44	260.74	---	265.68	262.17	262.79	264.49	264.92	263.59	261.11
30	264.43	265.36	263.94	263.24	---	265.93	262.72	260.79	261.17	264.86	262.97	263.01
31	263.15	---	263.30	261.55	---	262.65	---	264.83	---	264.83	264.36	---
MAX	265.51	265.36	265.84	263.32	264.65	265.93	265.54	265.02	266.23	265.71	265.97	265.90
MIN	259.43	258.95	257.66	258.90	257.90	259.52	259.41	259.84	259.77	261.30	259.57	261.11
(+)	6.68	9.50	6.86	4.85	8.55	6.08	6.16	8.78	4.47	8.78	8.17	6.51
(*)	196.64	145.42	-131.76	-100.32	204.46	-123.27	4.13	130.76	-222.27	215.11	-30.44	-85.61

CAL YR 1984 (*) 4.14 MAX 266.93 MIN 254.68
WTR YR 1985 (*) 15.98 MAX 266.23 MIN 257.66

(+) CONTENTS, IN BILLIONS OF GALLONS AT END OF MOUTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN BILLIONS OF GALLONS.

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38", long 81°19'50", Fairfield County, Hydrologic Unit 03050106, on left bank 100 ft below dam, 0.3 mi upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi^2, approximately.

PERIOD OF RECORD.--Water year 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.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 121 microsiemens, Oct. 25, 1979; minimum, 30 microsiemens, Mar. 30, 1980.
pH: Maximum, 8.3 units, July 24, 1977; minimum, 5.9 units, Oct. 10, 1976.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975; July 25, 1976; July 11, 16, 1977; minimum, 0.5°C, Jan. 19-21, 1977.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 21, 22, 1976; minimum, 2.9 mg/L, July 2, 14-15, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 110 microsiemens Sept. 27; minimum, 49 microsiemens, Feb. 7.
pH: Maximum, 7.5 units, Apr. 12-13; minimum, 6.2 units, Aug. 20.
WATER TEMPERATURE: Maximum, 30.5°C, Jul. 14, 19, Aug. 8; minimum, 3.0°C, Jan. 26.
DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Jan. 26; minimum, 4.1 mg/L, Sept. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	94	83	89	93	79	84	---	---	---	84	82	84
2	85	80	83	86	79	82	---	---	---	83	82	82
3	95	86	92	83	80	81	---	---	---	83	80	82
4	92	89	91	88	81	85	---	---	---	82	75	80
5	89	78	84	92	87	89	---	---	---	75	66	71
6	79	76	77	95	86	90	---	---	---	68	65	66
7	80	79	80	93	85	90	---	---	---	80	66	70
8	87	78	81	87	85	86	---	---	---	82	69	75
9	82	76	78	87	85	86	---	---	---	82	71	76
10	81	78	79	88	85	86	---	---	---	83	75	79
11	81	76	78	90	89	89	85	83	84	84	81	82
12	78	76	77	101	84	92	85	85	85	82	81	82
13	79	78	78	84	83	83	85	85	85	86	82	84
14	78	76	77	85	82	83	85	84	84	89	83	86
15	85	77	80	86	82	84	87	83	85	86	84	85
16	83	77	79	86	84	85	88	85	86	85	84	85
17	82	78	80	86	84	85	95	87	91	88	84	86
18	87	80	82	85	83	84	86	85	85	86	84	85
19	84	80	82	89	82	86	91	85	87	87	84	86
20	82	80	81	84	82	83	87	85	86	91	87	89
21	88	80	84	88	83	86	86	84	85	---	---	---
22	93	84	88	88	86	87	89	84	87	---	---	---
23	90	82	85	88	86	87	92	89	91	---	---	---
24	84	81	82	94	87	89	94	91	92	89	84	85
25	81	78	80	---	---	---	94	91	93	91	84	87
26	79	77	78	---	---	---	91	88	90	94	84	90
27	80	77	78	---	---	---	88	86	86	---	---	---
28	84	79	81	---	---	---	86	85	85	---	---	---
29	84	80	82	---	---	---	85	85	85	---	---	---
30	82	80	81	---	---	---	85	84	84	91	85	87
31	84	80	82	---	---	---	84	83	84	88	84	86
MONTH	95	76	82	101	79	86	95	83	87	94	65	82

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	89	87	88	77	73	76	91	85	87	91	84	86
2	---	---	---	75	72	74	86	83	84	91	87	89
3	---	---	---	76	72	74	89	82	85	89	85	87
4	---	---	---	78	75	77	90	85	86	89	85	87
5	---	---	---	80	77	78	87	84	86	93	90	91
6	64	51	55	81	78	79	86	84	85	95	92	94
7	73	49	59	81	79	80	92	84	87	91	88	89
8	74	54	65	81	78	80	93	86	89	89	85	87
9	61	59	60	82	79	80	90	83	87	91	85	89
10	65	60	62	82	79	80	86	83	84	92	89	91
11	69	65	67	86	81	83	84	82	83	97	87	92
12	72	67	69	85	82	82	85	83	84	97	92	95
13	73	67	70	---	---	---	87	84	85	96	91	94
14	66	61	64	---	---	---	89	83	86	94	87	90
15	64	59	61	86	84	85	94	86	90	87	86	86
16	64	61	62	86	82	84	89	84	86	89	86	88
17	66	64	65	86	84	85	92	85	86	89	87	88
18	67	65	66	92	88	90	87	84	85	90	88	89
19	74	68	70	86	82	84	85	84	84	91	86	88
20	72	70	71	90	85	88	85	83	84	93	86	89
21	78	69	74	89	85	88	85	83	84	97	87	90
22	78	74	76	89	83	85	86	83	85	95	87	89
23	78	76	77	87	82	85	86	83	84	96	87	89
24	77	76	77	92	86	88	86	85	85	94	89	91
25	78	77	77	92	82	87	90	84	86	94	89	92
26	79	77	78	84	82	83	88	85	86	92	88	90
27	79	77	78	86	82	84	87	84	85	97	91	93
28	76	74	75	87	84	85	91	85	88	99	91	94
29	---	---	---	85	83	84	94	88	90	96	90	92
30	---	---	---	84	84	84	90	84	86	95	87	90
31	---	---	---	85	83	84	---	---	---	96	87	90
MONTH	89	49	69	92	72	83	94	82	86	99	84	90
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	92	89	90	102	89	93	86	78	84	86	81	85
2	90	89	90	98	94	96	85	83	84	86	80	85
3	95	90	91	96	93	94	87	84	85	85	81	85
4	96	89	91	98	92	94	85	82	83	86	85	85
5	94	89	91	101	95	97	87	82	84	87	84	85
6	95	89	91	97	94	95	90	85	87	86	85	85
7	95	90	91	96	93	95	90	86	87	86	85	85
8	95	90	92	97	93	94	94	87	88	91	85	86
9	97	90	92	93	92	93	95	87	90	92	85	87
10	100	91	94	94	93	93	90	89	90	90	86	87
11	97	91	92	95	92	93	89	87	88	94	86	87
12	96	92	93	95	92	93	91	87	89	97	86	88
13	93	92	93	93	92	92	95	88	89	97	87	90
14	94	91	92	94	91	92	91	88	89	89	88	89
15	93	91	92	94	91	92	91	86	87	93	87	91
16	92	91	92	92	90	91	90	86	87	90	89	90
17	92	91	92	92	89	90	99	86	88	94	89	91
18	94	91	91	97	90	92	91	58	81	94	91	92
19	97	90	93	93	91	92	---	---	---	91	90	91
20	107	92	97	91	90	91	---	---	---	91	90	90
21	100	92	95	92	90	91	---	---	---	91	90	91
22	92	91	91	93	90	91	---	---	---	92	90	91
23	91	90	91	92	90	91	---	---	---	93	91	92
24	97	90	92	97	90	93	---	---	---	96	92	93
25	99	91	93	101	90	94	---	---	---	98	94	95
26	96	92	93	96	92	93	---	---	---	104	92	96
27	102	91	94	94	93	94	85	77	82	110	94	99
28	99	93	95	94	92	93	85	82	84	102	95	97
29	93	91	92	93	75	86	86	78	84	95	93	94
30	91	90	90	89	76	87	86	81	85	102	94	100
31	---	---	---	88	81	86	85	82	84	---	---	---
MONTH	107	89	92	102	75	92	99	58	86	110	80	90
YEAR	110	49	86									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	24.0	24.5	27.0	26.5	27.0	28.5	27.5	28.0	28.0	27.0	27.0
2	26.5	24.0	25.0	28.0	26.5	27.0	28.0	27.5	27.5	28.0	26.5	27.5
3	27.5	25.0	25.5	27.5	26.5	27.0	28.0	27.0	27.5	28.0	27.0	27.5
4	27.5	24.5	25.5	28.0	26.5	27.0	28.0	26.5	27.5	28.5	27.5	28.0
5	27.5	24.5	25.5	28.0	26.5	27.0	27.5	26.5	27.0	28.5	27.0	28.0
6	28.5	25.5	26.5	27.5	26.5	27.0	28.0	27.0	27.5	29.0	27.0	28.0
7	27.0	25.5	26.0	29.0	26.5	27.5	28.5	27.0	28.0	29.0	27.0	28.0
8	27.5	25.5	26.0	29.0	27.0	27.5	27.5	27.5	27.5	29.5	28.0	28.5
9	27.5	25.0	26.0	29.5	27.0	28.0	28.0	27.0	27.5	29.5	28.0	28.5
10	27.5	25.5	26.0	29.5	27.5	28.0	29.5	27.5	28.0	30.0	28.5	29.0
11	27.0	25.5	26.0	29.5	28.0	28.5	30.0	28.0	28.5	29.0	28.0	28.5
12	26.5	25.0	25.5	29.0	27.5	28.0	29.5	28.0	28.5	28.5	27.5	28.0
13	26.0	24.5	25.5	28.5	28.0	28.0	30.0	28.0	29.0	27.5	25.5	26.5
14	26.0	25.0	25.5	30.5	28.0	28.5	30.0	28.0	28.5	25.5	24.5	25.0
15	26.5	25.0	25.5	29.5	28.0	28.5	29.0	28.0	28.5	24.5	23.0	24.0
16	27.0	25.5	26.5	29.5	28.0	28.5	29.0	28.0	28.5	25.0	23.5	24.5
17	27.5	26.0	26.5	29.0	28.0	28.5	28.5	27.5	28.0	25.0	23.5	24.0
18	27.5	26.0	26.5	29.5	28.0	28.5	27.5	24.5	27.0	25.0	23.5	24.5
19	26.5	25.5	26.0	30.5	28.5	29.0	27.0	24.0	25.5	26.0	24.5	25.0
20	27.5	25.0	26.5	29.0	28.5	28.5	28.5	25.0	27.0	26.0	25.0	25.5
21	27.0	26.0	26.5	30.0	28.5	29.0	28.0	26.5	27.0	26.0	25.0	25.5
22	26.5	26.0	26.5	29.5	28.0	29.0	28.0	26.0	27.0	26.5	25.0	25.5
23	27.0	26.0	26.5	28.5	28.0	28.5	28.0	27.0	27.5	25.5	25.5	25.5
24	28.0	26.5	27.0	28.5	28.0	28.0	28.5	27.0	27.5	25.5	25.0	25.5
25	28.5	26.5	27.0	28.0	27.0	27.5	28.5	26.0	27.5	26.0	25.0	25.5
26	28.5	27.0	27.5	28.0	27.5	27.5	27.5	25.5	26.0	25.5	24.5	25.0
27	28.0	27.0	27.5	27.5	27.0	27.0	27.0	25.5	26.5	25.0	24.0	25.0
28	27.5	26.5	27.0	27.5	26.5	27.0	27.5	26.0	26.5	24.5	23.5	24.0
29	26.5	26.0	26.0	27.5	26.5	27.0	27.5	26.0	27.0	24.0	23.0	23.5
30	27.0	26.0	26.5	28.0	26.5	27.5	27.5	26.5	27.0	24.0	23.0	23.5
31	---	---	---	29.0	27.5	28.0	28.0	26.0	27.0	---	---	---
MONTH	28.5	24.0	26.0	30.5	26.5	28.0	30.0	24.0	27.5	30.0	23.0	26.0
YEAR	30.5	3.0	20.0									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.2	6.6	6.9	6.8	6.3	6.5	5.6	4.7	5.2	5.5	4.8	5.1
2	8.0	6.9	7.3	7.0	5.9	6.4	5.8	5.0	5.4	5.2	4.8	5.0
3	7.2	6.6	6.8	7.1	6.2	6.6	6.4	5.6	5.9	5.3	4.6	5.0
4	6.9	6.0	6.4	6.8	5.9	6.5	6.8	5.8	6.3	5.5	5.1	5.3
5	6.5	6.0	6.3	7.0	6.0	6.5	6.6	6.2	6.3	5.5	4.5	5.0
6	6.7	6.1	6.3	6.6	6.0	6.2	6.4	5.8	6.2	5.6	4.5	5.0
7	6.3	5.8	6.1	7.5	5.8	6.4	6.1	5.3	5.7	5.4	4.3	4.7
8	6.9	6.0	6.3	6.9	5.7	6.3	5.7	5.0	5.3	4.9	4.5	4.7
9	6.7	5.9	6.2	6.5	5.6	6.1	6.1	5.3	5.6	4.8	4.1	4.4
10	6.1	5.8	6.0	5.4	4.5	5.1	7.2	5.8	6.3	5.6	4.4	4.8
11	6.2	5.8	6.0	6.0	5.0	5.4	7.8	6.1	6.7	5.2	4.4	4.8
12	6.2	5.5	5.9	5.7	4.8	5.2	6.7	5.5	5.9	5.3	4.7	5.0
13	6.5	5.9	6.1	5.9	5.0	5.3	6.2	5.2	5.6	5.7	5.3	5.5
14	7.0	6.3	6.6	6.6	5.1	5.6	5.6	4.7	5.2	6.0	5.6	5.8
15	6.9	6.0	6.3	6.1	5.0	5.6	5.4	4.9	5.2	6.5	6.0	6.2
16	7.0	5.9	6.6	6.2	5.2	5.7	5.3	4.5	5.0	6.3	4.3	5.7
17	6.9	6.3	6.6	5.8	4.9	5.3	5.7	4.7	5.2	---	---	---
18	6.8	5.7	6.3	5.6	4.7	5.1	5.6	4.7	5.1	---	---	---
19	6.6	5.8	6.2	5.8	4.8	5.2	---	---	---	---	---	---
20	6.7	5.9	6.4	5.1	4.6	4.8	---	---	---	---	---	---
21	7.2	6.4	6.9	5.8	4.3	4.9	---	---	---	---	---	---
22	7.1	6.7	6.9	5.3	4.4	4.8	---	---	---	6.7	5.8	6.3
23	7.4	6.7	7.0	5.3	4.6	4.9	---	---	---	6.2	5.7	6.0
24	7.3	6.4	6.8	5.2	4.7	5.1	---	---	---	6.8	4.6	5.7
25	6.4	5.8	6.0	5.8	5.0	5.3	---	---	---	7.7	4.8	6.4
26	6.5	5.7	6.0	5.3	4.7	4.9	---	---	---	7.4	4.8	6.5
27	6.5	5.9	6.1	6.1	5.0	5.6	5.6	4.7	5.2	7.7	4.5	6.2
28	6.4	5.7	6.0	5.7	5.0	5.2	5.3	4.4	4.8	7.4	4.9	6.6
29	6.3	5.8	6.0	5.9	5.3	5.5	5.2	4.4	4.8	7.6	6.9	7.1
30	6.3	6.0	6.1	5.3	4.8	5.1	5.3	4.6	4.8	7.8	6.7	7.2
31	---	---	---	5.4	4.9	5.1	5.4	4.6	4.9	---	---	---
MONTH	8.0	5.5	6.4	7.5	4.3	5.6	7.8	4.4	5.5	7.8	4.1	5.6
YEAR	13.3	4.1	7.6									

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 mi 200.2.

DRAINAGE AREA.--4,790 mi².

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

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

GAGE.--Water-stage recorder. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: May. 2-8, which are poor. Regulation at low and median flow by powerplants above station.

AVERAGE DISCHARGE.--5 years, 5,650 ft³/s, 16.02 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 59,400 ft³/s Jan. 5, 1982, gage height 19.95 ft; minimum daily, 181 ft³/s, Jun. 30, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 43,400 ft³/s Aug. 19, gage height 17.39 ft; minimum daily, 181 ft³/s, Jun. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1430	3470	3200	3600	7780	7190	2720	2460	2160	1270	3310	3220
2	2440	3120	3360	1540	23900	5260	3180	2980	1320	1980	1670	4150
3	3590	1970	3860	6510	28800	3950	3520	2570	1650	2750	3500	3950
4	3670	1950	6000	8620	21100	4430	2520	2490	2220	3090	2390	2000
5	2970	2260	4900	9550	14200	4380	2350	2440	2190	1580	1290	2030
6	2280	3040	5280	10900	19100	4410	1090	2510	2400	2390	2160	2310
7	664	3060	8560	7150	15000	3620	3260	3450	563	1640	2200	2530
8	2180	2960	5410	4670	9850	2680	3850	4250	2160	2810	1250	2820
9	3210	2530	4380	4290	5580	2520	2990	2570	2320	1160	1850	1360
10	3270	2260	1650	2670	5560	3480	3540	2260	3920	423	2500	2430
11	2350	2000	2600	2630	5940	4210	1090	2330	2760	2130	2460	2560
12	1650	2310	3210	3190	8960	2640	2070	2580	1330	1600	3150	1310
13	1270	2780	2470	4450	5000	3300	3570	3160	1300	1330	3220	2030
14	1510	2970	3510	2590	8560	3920	3170	3430	1860	1940	1780	2030
15	2640	2890	4360	2030	8410	3190	2120	1410	2520	2860	1940	1980
16	2970	2700	3000	3630	6510	2460	3030	1640	2070	2260	1910	1950
17	3000	2900	2220	4430	4480	2760	3520	2780	1280	2160	3310	1980
18	3000	2420	2590	4500	4740	3770	5950	2990	2280	3070	21700	1980
19	2680	2370	2510	2090	4780	3180	4260	3010	1360	2330	32800	2260
20	1890	2440	2600	2030	4530	1700	1420	3030	2040	459	18100	1990
21	1710	2440	2570	3930	3950	3190	1920	3010	1980	1240	6980	1390
22	2750	2420	2880	3700	4380	4400	4230	3020	956	1870	4210	1260
23	2820	2390	3750	1420	3740	3140	3340	1440	1290	1270	1920	1250
24	3500	2420	3730	1380	3650	3280	2480	1720	2220	2340	2910	1450
25	7830	2440	2850	3410	4500	4250	2590	1380	2230	4010	6050	2790
26	4320	2500	1460	3820	4530	2470	3040	1380	1850	6390	10600	1210
27	3320	2450	2050	1340	4450	2740	2740	1650	471	4090	3650	2680
28	2700	2450	2050	3240	5270	4360	2510	2480	2120	3000	4300	1270
29	2070	2420	2650	3650	---	1640	3060	2490	1960	3230	5600	1200
30	2430	3000	3640	2060	---	2450	2600	3480	181	10400	3770	1240
31	3440	---	3660	3450	---	3150	---	2000	---	1810	3120	---
TOTAL	85554	77330	106960	122470	247250	108120	87730	78390	54961	78882	165600	62610
MEAN	2760	2578	3450	3951	8830	3488	2924	2529	1832	2545	5342	2087
MAX	7830	3470	8560	10900	28800	7190	5950	4250	3920	10400	32800	4150
MIN	664	1950	1460	1340	3650	1640	1090	1380	181	423	1250	1200

CAL YR 1984	TOTAL	2782520	MEAN	7603	MAX	48900	MIN	506
WTR YR 1985	TOTAL	1275857	MEAN	3495	MAX	32800	MIN	181

02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

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

DRAINAGE AREA.--25.5 mi^2.

PERIOD OF RECORD.--October 1980 to current year. Records for October 1980 to September 1983 are unreliable below 700 ft^3/s and should not be used.

GAGE.--Water-stage recorder. Elevation of gage is 327 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Feb. 20 to Mar. 11. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,200 ft^3/s Dec. 6, 1983, gage height, 9.07 ft; no flow July 5-11, 1982, and many days July to Sept. 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,350 ft^3/s, Feb. 2, gage height, 7.37 ft; minimum daily, 1.1 ft^3/s, Jul. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	2.2	2.9	3.3	94	7.0	4.3	2.6	2.0	2.4	10	24
2	2.4	2.1	3.0	5.3	707	4.7	3.9	2.8	1.7	2.0	11	17
3	2.0	2.0	11	89	113	4.9	3.9	21	1.7	1.9	5.4	13
4	2.0	2.0	4.8	122	45	4.1	3.9	9.8	1.6	2.0	4.7	11
5	1.9	2.4	8.7	46	108	4.2	3.8	5.3	1.5	3.0	4.1	8.8
6	1.9	2.3	17	22	428	4.5	10	4.1	1.5	2.0	3.8	7.4
7	1.9	2.0	6.3	16	86	8.1	5.7	3.4	9.1	2.3	3.6	6.4
8	1.9	2.0	4.8	12	43	6.9	4.3	3.2	16	1.8	67	5.5
9	1.9	2.1	4.2	9.7	30	5.7	4.0	4.0	4.1	1.6	39	4.9
10	1.8	2.2	4.0	8.8	25	4.9	3.8	5.2	2.6	1.5	13	4.4
11	1.8	4.3	3.9	8.6	23	6.3	3.9	7.9	2.8	1.4	6.3	4.1
12	1.8	3.3	3.7	7.5	43	8.1	3.9	5.1	3.9	1.3	40	3.7
13	1.8	2.4	3.6	7.0	31	6.8	4.2	3.9	2.1	1.4	14	3.4
14	1.8	2.3	3.4	7.1	24	6.0	5.7	3.2	1.9	2.1	6.5	3.2
15	1.8	2.4	3.4	6.4	20	5.6	6.1	3.0	1.7	1.5	4.7	3.1
16	1.7	2.5	3.4	6.0	17	5.1	8.5	4.2	3.8	1.5	4.3	3.1
17	1.8	2.5	3.4	14	16	5.2	6.2	3.8	7.3	1.6	133	3.0
18	2.0	2.5	3.4	18	14	5.4	4.9	3.3	3.0	1.4	229	2.9
19	2.1	2.9	3.4	12	15	4.6	4.4	2.6	2.1	1.3	36	2.8
20	1.9	2.7	3.3	9.5	20	4.5	4.0	2.5	2.0	1.2	16	2.7
21	1.9	2.4	3.3	8.8	17	4.8	3.7	2.4	1.9	1.2	11	2.6
22	1.9	2.5	3.5	8.5	16	8.5	3.4	2.3	1.8	1.1	109	2.6
23	2.2	2.6	3.3	7.9	15	7.5	3.3	2.2	1.7	3.9	25	2.5
24	3.3	2.7	3.2	7.9	18	6.3	4.3	2.2	1.8	2.3	87	3.0
25	2.2	2.7	3.3	7.6	25	5.4	6.8	2.3	4.4	4.5	376	2.9
26	1.9	2.7	3.2	7.2	32	4.7	3.8	2.0	2.1	8.5	132	2.5
27	2.0	2.7	3.2	8.2	15	4.8	3.3	1.9	1.8	7.1	90	2.4
28	2.2	4.1	3.3	7.2	10	5.1	3.3	2.0	1.6	30	38	2.2
29	2.3	5.1	3.3	7.8	---	5.1	3.0	2.8	3.6	190	24	2.2
30	2.2	3.1	3.3	6.4	---	4.8	2.7	2.1	8.8	38	42	2.3
31	2.1	---	3.3	51	---	4.5	---	2.2	---	11	54	---
TOTAL	65.9	79.7	137.8	558.7	2050	174.1	137.0	125.3	101.9	332.8	1639.4	159.6
MEAN	2.13	2.66	4.45	18.0	73.2	5.62	4.57	4.04	3.40	10.7	52.9	5.32
MAX	5.5	5.1	17	122	707	8.5	10	21	16	190	376	24
MIN	1.7	2.0	2.9	3.3	10	4.1	2.7	1.9	1.5	1.1	3.6	2.2

CAL YR 1984	TOTAL	11280.1	MEAN	30.8	MAX	891	MIN	1.3
WTR YR 1985	TOTAL	5562.2	MEAN	15.2	MAX	707	MIN	1.1

02162010 CEDAR CREEK NEAR BLYTHEWOOD,S.C.

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 mi^2.

PERIOD OF RECORD.--Nov. 1966 to Sept., 1983, Feb. to Sept. 1985.

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

REMARKS.--No estimated daily discharges. Below 100 ft^3/s, records fair. Above 100 ft^3/s, records poor (based on rating extended to 450 CFS).

AVERAGE DISCHARGE.--16 years (water years 1968-83), 49.3 ft^3/s, 13.69 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,870 ft^3/s, July 4, 1968, gage height, 18.42 ft; minimum, 0.59 ft^3/s, June 20, 1985.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 1,000 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
June 30	0315	*436	*5.28

Minimum daily, 0.59 ft^3/s, June 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---	14	13	7.5	3.1	18	27	9.8
2					---	14	10	7.7	4.5	13	26	5.3
3					---	13	7.7	15	4.1	11	30	4.2
4					---	12	10	17	4.3	8.4	26	3.4
5					---	12	10	11	4.2	6.9	22	2.8
6					---	11	15	8.7	16	14	14	2.4
7					---	10	13	7.8	5.7	16	8.5	2.1
8					---	10	12	6.3	29	9.9	64	1.9
9					---	11	12	6.7	12	6.2	36	1.7
10					---	10	11	8.6	5.6	4.5	27	1.6
11					---	10	11	13	5.5	3.7	34	1.4
12					---	10	11	13	5.5	3.4	27	1.3
13					---	11	11	15	16	2.8	20	1.2
14					---	11	12	6.3	10	3.2	16	1.0
15					---	10	12	3.7	5.2	7.2	15	.94
16					---	9.5	14	3.6	10	5.2	15	.91
17					---	9.8	14	5.2	10	3.6	7.8	.85
18					---	10	12	8.8	2.2	3.3	24	3.9
19					---	9.7	15	8.1	.61	2.4	21	3.9
20					---	9.5	6.9	7.7	.59	1.8	16	2.5
21					---	10	10	8.2	.68	1.7	20	2.4
22					---	15	10	8.9	.81	1.8	31	1.9
23					---	16	7.1	8.2	.93	2.8	30	1.6
24					---	13	7.7	8.1	1.3	2.8	32	1.5
25					---	12	10	4.8	2.8	8.5	68	1.5
26					16	14	9.3	4.2	1.5	14	43	1.3
27					17	11	8.1	8.8	1.6	16	24	1.2
28					16	11	9.0	7.3	1.4	35	4.8	1.1
29					---	11	8.6	4.2	2.1	91	4.1	1.0
30					---	8.5	7.9	3.5	119	56	4.3	.96
31					---	7.7	---	2.6	---	34	38	---
TOTAL					---	346.7	320.3	249.5	286.22	408.1	775.5	67.56
MEAN					---	11.2	10.7	8.05	9.54	13.2	25.0	2.25
MAX					---	16	15	17	119	91	68	9.8
MIN					---	7.7	6.9	2.6	.59	1.7	4.1	.85

02162093 SMITH BRANCH AT NORTH MAIN STREET, COLUMBIA, SC

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

DRAINAGE AREA.--5.67 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except estimated daily discharges, June 16 to 20, which are poor.

AVERAGE DISCHARGE.--9 years, 9.18 ft^3/s, 21.99 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,950 ft^3/s, July 4, 1983, gage height, 11.00 ft; minimum, 0.46 ft^3/s, Aug. 1, 2, 4, 5, 11-14, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,040 ft^3/s, June 7, gage height, 6.90 ft; minimum, 0.88 ft^3/s, Sept. 25, gage height 0.42 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	1.2	1.3	3.9	64	3.9	2.1	1.3	1.2	45	2.2	1.7
2	1.3	1.3	5.2	6.5	107	3.9	2.0	6.3	1.3	9.0	2.0	1.4
3	1.3	1.6	3.9	43	9.8	3.8	2.1	26	1.4	2.0	2.0	1.3
4	1.3	8.3	1.4	21	6.5	3.7	2.1	1.4	1.5	12	1.8	1.3
5	1.3	1.3	54	3.8	161	3.8	3.1	1.2	1.4	14	1.7	1.4
6	1.4	1.2	3.3	3.3	52	3.7	24	1.2	1.5	40	1.7	1.6
7	2.0	1.2	2.0	3.1	11	3.7	1.9	1.1	85	4.1	1.6	1.7
8	1.2	1.2	2.1	3.0	7.7	3.8	1.9	1.1	3.3	2.2	4.9	1.5
9	1.2	1.3	1.9	2.9	6.4	3.8	1.8	1.2	1.4	1.8	7.7	1.3
10	1.2	1.3	1.9	2.9	5.7	3.5	1.8	22	1.3	1.8	1.6	1.4
11	1.3	8.7	2.0	3.3	16	3.5	1.8	23	1.3	1.7	1.8	1.4
12	1.5	1.2	1.9	3.2	17	3.6	1.8	1.8	1.3	1.7	1.4	1.2
13	1.6	1.3	1.9	3.4	5.4	3.4	1.9	1.3	1.3	1.9	1.4	1.3
14	1.6	1.3	1.9	3.6	4.7	3.4	2.1	1.3	1.3	1.8	1.5	1.3
15	1.5	1.4	2.0	3.2	4.6	2.9	2.7	1.2	6.2	1.8	1.7	1.2
16	1.7	1.4	2.0	3.2	4.4	2.8	1.6	1.2	16	1.8	1.8	1.1
17	1.9	1.4	2.2	27	4.3	3.0	1.5	1.4	12	1.9	3.4	1.1
18	1.8	1.4	2.4	3.3	4.1	2.5	1.5	1.1	8.0	1.9	1.8	1.1
19	1.6	1.6	2.7	3.0	6.7	2.6	1.4	1.1	2.5	1.9	1.3	1.1
20	1.6	1.5	3.3	2.7	58	2.6	1.4	1.1	1.2	1.8	1.2	1.1
21	1.5	1.5	3.6	2.7	7.1	16	1.4	1.1	1.1	1.9	16	1.1
22	4.0	1.5	3.8	2.8	5.7	7.8	1.5	10	1.2	4.7	8.4	1.2
23	1.5	1.6	3.1	3.0	5.3	2.5	1.4	1.3	1.1	41	1.4	1.3
24	1.2	1.6	3.2	2.9	5.1	2.2	6.4	1.0	1.2	13	2.1	2.4
25	1.3	1.7	3.3	2.7	5.8	2.1	1.3	.99	1.4	30	5.8	.89
26	1.3	1.9	3.3	2.7	4.9	2.0	1.5	.98	1.2	11	3.2	.94
27	1.5	2.0	4.3	2.7	5.9	2.1	1.7	1.0	1.0	2.8	1.4	1.1
28	1.8	13	4.5	7.4	3.9	2.1	1.7	3.0	1.1	31	13	1.2
29	1.4	1.4	4.0	3.5	---	2.1	1.8	1.1	63	7.1	1.4	1.3
30	14	1.5	4.0	3.1	---	2.1	1.3	4.3	36	2.8	61	1.3
31	1.5	---	4.1	40	---	2.2	---	1.1	---	2.3	6.7	---
TOTAL	63.1	68.8	140.5	222.8	600.0	111.1	80.5	123.17	258.7	297.7	164.9	39.23
MEAN	2.04	2.29	4.53	7.19	21.4	3.58	2.68	3.97	8.62	9.60	5.32	1.31
MAX	14	13	54	43	161	16	24	26	85	45	61	2.4
MIN	1.2	1.2	1.3	2.7	3.9	2.0	1.3	.98	1.0	1.7	1.2	.89

CAL YR 1984	TOTAL	3327.3	MEAN	9.09	MAX	147	MIN	1.2
WTR YR 1985	TOTAL	2170.50	MEAN	5.95	MAX	161	MIN	.89

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12", long 82°32'16", Greenville County, Hydrologic Unit 03050109, at State Road 41 bridge, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi^2.

PERIOD OF RECORD.--October 1980 to current year, discharge below 1000 ft^3/s only.

GAGE.--Water-stage recorder. Elevation of gage is 1,078 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGES: 5 years, 51.8 ft^3/s, 33.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, 8.71 ft during period Jan. 21 - Feb. 2, 1983 (from indicator); minimum daily discharge, 10 ft^3/s, Oct. 3, 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, gage height, 6.73 ft, Aug. 17; minimum daily discharge, 17 ft^3/s. Jul. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	32	33	30	171	60	37	33	28	38	45	63
2	27	31	41	45	179	58	35	48	26	28	35	56
3	26	29	51	83	103	55	34	42	26	22	31	51
4	26	49	40	81	80	54	34	35	25	24	28	46
5	26	41	63	64	83	54	36	33	24	23	25	43
6	26	34	60	53	86	52	54	32	23	27	25	44
7	26	32	49	47	75	48	38	32	34	27	35	41
8	26	30	45	44	66	47	36	37	33	24	38	46
9	26	29	43	41	62	47	35	38	25	20	31	43
10	27	35	40	40	59	45	34	38	23	19	32	39
11	25	54	38	39	84	45	34	37	23	18	34	37
12	24	37	37	36	157	45	34	116	24	18	29	35
13	24	34	36	36	98	44	34	93	21	32	26	35
14	24	32	35	36	84	43	34	58	21	22	23	33
15	24	30	34	34	76	42	132	50	21	21	23	32
16	24	30	34	34	70	41	94	44	24	20	22	31
17	22	29	33	42	66	41	70	41	21	18	431	30
18	22	28	33	37	64	40	58	38	20	18	147	29
19	23	38	32	36	62	39	53	36	20	17	80	29
20	25	30	32	33	64	39	48	35	19	17	63	28
21	42	29	32	28	58	40	45	34	19	18	55	28
22	57	29	38	35	57	54	43	34	18	18	47	27
23	36	28	32	32	56	45	42	34	22	19	44	27
24	40	28	32	33	54	42	42	33	21	21	45	36
25	30	27	32	34	68	40	40	32	19	36	110	29
26	27	27	30	31	90	39	37	30	19	63	75	27
27	26	27	30	31	69	38	38	29	18	31	63	27
28	43	64	30	33	63	39	36	32	21	88	55	25
29	86	40	30	31	---	38	35	30	24	69	79	25
30	48	35	30	32	---	37	34	30	43	47	110	25
31	36	---	30	61	---	39	---	29	---	54	73	---
TOTAL	976	1018	1155	1272	2304	1390	1356	1263	705	917	1959	1067
MEAN	31.5	33.9	37.3	41.0	82.3	44.8	45.2	40.7	23.5	29.6	63.2	35.6
MAX	86	64	63	83	179	60	132	116	43	88	431	63
MIN	22	27	30	28	54	37	34	29	18	17	22	25

CAL YR 1984	TOTAL	23606	MEAN	64.5	MAX	412	MIN	22
WTR YR 1985	TOTAL	15382	MEAN	42.1	MAX	431	MIN	17

02162525 HAMILTON CREEK NEAR EASLEY, SC

LOCATION.--Lat 34°50'10", long 82°33'09", Pickens County, Hydrologic Unit 03050109, on Route 135, 4.6 mi northeast of Easley and 0.6 mi upstream of Georges Creek.

DRAINAGE AREA.--1.60 mi^2.

PERIOD OF RECORD.--February 1981 to current year, discharges below 88 ft^3/s only.

GAGE.--Water-stage recorder. Elevation of gage is 890 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Jan. 10-14, Feb. 3-7, Feb. 11, May 22 to Jun. 10, and Aug. 22 to Sept. 3, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 17, 1985, gage height, 5.87 ft; minimum daily, 0.30 ft^3/s, Aug. 16, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 17, gage height, 5.87 ft; minimum daily, 0.30 ft^3/s, Aug. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	1.4	2.0	1.6	36	3.1	1.7	1.5	1.2	1.3	.55	1.7
2	2.1	1.3	6.0	1.9	16	2.8	12	2.3	1.2	1.5	.57	1.4
3	2.2	1.3	4.4	5.0	8.0	2.6	55	2.3	1.3	.91	.58	1.2
4	2.2	1.7	2.9	4.9	6.0	2.5	16	1.5	1.3	.77	.52	1.2
5	2.2	1.4	9.0	2.4	8.0	2.5	2.9	1.4	1.1	.81	.48	.96
6	2.0	1.3	4.2	2.0	5.0	2.5	3.0	1.4	1.2	1.5	.60	.97
7	1.7	1.3	3.3	1.9	3.5	2.7	2.2	1.4	2.2	1.0	.98	1.7
8	1.7	1.3	3.1	1.8	3.1	2.8	2.2	1.7	1.3	.94	.59	1.9
9	1.6	1.3	2.9	1.7	2.7	2.7	2.3	2.0	.90	.92	.37	1.7
10	1.6	2.4	2.7	1.8	2.4	2.8	2.3	1.6	.80	.90	.33	1.0
11	1.6	2.1	2.5	1.7	4.0	2.5	2.5	1.6	2.1	.91	.31	.86
12	1.7	1.6	2.5	1.7	7.8	2.4	2.4	1.4	1.4	.95	18	.85
13	1.6	1.6	2.3	1.6	3.8	2.5	2.3	1.4	.79	.99	.56	.83
14	1.6	1.7	2.5	1.7	3.2	2.4	2.3	1.3	.75	.93	.38	.81
15	1.6	1.9	2.4	1.7	2.9	2.4	4.0	1.4	.84	1.1	.35	.80
16	1.6	1.9	2.3	1.7	2.7	2.5	2.5	1.4	1.2	.91	.30	.79
17	1.6	1.9	2.4	2.1	2.5	2.6	2.3	1.4	.76	.86	77	.77
18	1.6	1.9	2.4	1.8	2.4	2.7	2.3	1.4	.76	.77	6.5	.77
19	1.5	1.9	2.3	1.7	2.4	2.6	2.3	1.4	.80	.74	4.9	.78
20	1.5	1.9	2.1	1.7	2.6	2.6	2.0	1.4	.74	.71	4.4	.79
21	2.3	2.1	1.8	1.8	2.4	2.6	1.6	1.3	.68	.66	3.7	.81
22	3.4	2.1	1.9	1.8	2.3	2.7	1.5	1.2	.69	.66	2.1	.78
23	1.6	2.1	1.9	1.7	2.4	2.2	1.6	1.7	.62	.66	1.2	.78
24	1.6	2.0	1.8	1.7	2.2	2.1	1.6	1.3	.68	1.2	2.5	1.0
25	1.5	2.0	1.7	1.7	4.4	2.1	1.6	1.3	.68	2.0	4.2	.86
26	1.5	2.0	1.6	1.7	4.7	2.0	1.5	1.2	.67	.78	2.5	.87
27	1.5	1.9	1.8	1.7	3.1	2.0	1.6	1.2	.64	.48	2.0	.84
28	2.1	5.0	1.9	2.0	3.0	2.0	1.6	1.2	.64	2.3	1.5	.85
29	1.6	2.5	1.9	1.7	---	1.8	1.4	1.2	1.7	.83	1.2	.83
30	1.5	2.2	1.8	1.7	---	1.8	1.4	1.4	.88	.62	1.6	.85
31	1.5	---	1.7	21	---	1.9	---	1.2	---	.52	2.0	---
TOTAL	55.5	57.0	84.0	80.9	149.5	75.4	139.9	45.4	30.52	30.13	142.77	30.25
MEAN	1.79	1.90	2.71	2.61	5.34	2.43	4.66	1.46	1.02	.97	4.61	1.01
MAX	3.4	5.0	9.0	21	36	3.1	55	2.3	2.2	2.3	77	1.9
MIN	1.5	1.3	1.6	1.6	2.2	1.8	1.4	1.2	.62	.48	.30	.77

CAL YR 1984	TOTAL	1801.7	MEAN	4.92	MAX	52	MIN	1.3
WTR YR 1985	TOTAL	921.27	MEAN	2.52	MAX	77	MIN	.30

02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'12", long 82°13'20", 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 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 448 ft above National Geodetic Vertical Datum of 1929 (by barometer).

REMARKS.--Records good, except for estimated daily discharges, Dec. 30 to Jan. 24, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff. About 46,813,000 gal per day or 72.4 ft^3/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.

AVERAGE DISCHARGE.--47 years, 1,018 ft^3/s, 23.79 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,700 ft^3/s, Sept. 14, 1973, gage height, 22.85 ft, from rating curve extended above 14,000 ft^3/s on basis of computation of peak flow over dam; minimum, 3.0 ft^3/s, Sept. 18, 1939; minimum daily, 11 ft^3/s, Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--No peak discharges greater than base of 5,000 ft^3/s. Maximum discharge, 4,290 ft^3/s, Aug. 18, gage height, 9.08 ft; minimum daily, 226 ft^3/s, Oct. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	560	738	595	560	1680	1120	644	544	387	326	585	799
2	604	695	526	565	3730	873	570	607	330	585	641	723
3	610	560	770	600	2840	784	763	955	376	566	506	668
4	593	436	1110	700	2030	994	629	651	358	486	425	555
5	478	628	1130	1000	1700	924	598	573	277	424	435	588
6	440	690	1300	1500	2680	669	542	526	262	400	470	488
7	477	623	1150	1100	2060	808	651	495	287	447	334	443
8	486	940	908	900	1600	810	638	367	503	503	377	475
9	485	695	752	780	1150	661	685	389	402	353	543	587
10	489	515	961	700	1070	681	549	612	504	281	459	554
11	495	455	930	650	1070	812	620	488	500	468	412	349
12	376	515	528	620	1420	748	575	516	452	316	448	501
13	226	852	532	580	2180	722	568	555	430	255	456	436
14	411	710	574	560	1780	713	592	764	485	265	434	350
15	470	721	569	540	1360	720	617	859	429	288	448	346
16	489	425	587	530	1140	640	711	524	405	458	335	321
17	483	599	634	540	961	512	1170	476	336	352	402	484
18	481	529	638	550	1110	802	942	520	475	317	2720	404
19	497	597	623	560	844	669	729	499	370	343	3470	277
20	552	611	610	600	979	642	707	486	287	400	1830	297
21	725	586	549	550	873	667	584	420	287	272	987	301
22	780	550	547	520	853	747	699	441	287	262	762	311
23	898	573	560	450	768	633	628	568	288	352	704	261
24	870	568	561	400	806	597	598	436	291	532	656	344
25	751	524	554	579	899	792	564	626	381	395	646	376
26	609	584	555	567	1070	719	585	567	376	324	1220	279
27	551	633	561	541	1350	549	448	399	445	289	1310	295
28	660	658	577	557	1260	604	649	447	317	547	1110	262
29	548	685	588	730	---	718	493	458	309	727	859	285
30	573	658	571	555	---	634	691	491	305	1260	717	251
31	723	---	560	658	---	597	---	499	---	848	610	---
TOTAL	17390	18553	21610	20242	41263	22561	19439	16758	11141	13641	25311	12610
MEAN	561	618	697	653	1474	728	648	541	371	440	816	420
MAX	898	940	1300	1500	3730	1120	1170	955	504	1260	3470	799
MIN	226	425	526	400	768	512	448	367	262	255	334	251

CAL YR 1984	TOTAL	414771	MEAN	1133	MAX	5600	MIN	226
WTR YR 1985	TOTAL	240519	MEAN	659	MAX	3730	MIN	226

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 Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 mi^2.

PERIOD OF RECORD.--March 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.--Water-stage recorder. Datum of gage is 453.86 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

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

AVERAGE DISCHARGE.--46 years, 354 ft^3/s, 20.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft^3/s, Sept. 14, 1973, gage height, 15.40 ft; minimum, 2.7 ft^3/s, July 6, 1967, gage height, 0.42 ft; minimum daily, 4.8 ft^3/s, Sept. 9, 1973.

EXTREMES FOR CURRENT YEAR.--No peak discharges greater than base of 2,500 ft^3/s. Maximum discharge, 2,280 ft^3/s, Feb. 2, gage height, 8.84 ft; minimum daily, 28 ft^3/s, Oct 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	303	233	270	226	838	595	259	176	124	452	437	205
2	361	203	255	230	2000	550	292	189	115	650	321	170
3	263	43	438	259	1890	508	252	441	106	313	220	155
4	249	183	728	593	1280	450	263	685	101	183	173	151
5	211	215	473	930	1120	426	239	255	105	144	146	147
6	76	285	886	483	1770	398	324	199	105	151	139	142
7	181	240	705	342	1620	371	415	182	112	271	200	136
8	232	235	393	291	1170	361	276	176	178	362	322	132
9	251	191	326	264	911	360	175	201	320	163	284	123
10	247	65	292	248	771	353	215	305	163	134	178	124
11	244	227	275	241	687	340	209	256	141	121	142	126
12	211	374	264	235	1060	335	206	197	191	111	123	118
13	28	252	250	230	1560	331	207	272	387	110	119	794
14	81	240	245	228	1030	322	210	802	184	323	199	1230
15	166	239	243	222	811	315	229	242	140	160	134	144
16	229	238	241	221	688	305	381	192	151	183	112	130
17	256	236	241	226	607	298	341	181	227	142	175	122
18	250	216	239	238	508	295	243	165	182	142	1090	124
19	133	32	237	260	486	290	223	150	142	109	1890	121
20	49	112	236	232	573	288	215	138	132	100	798	117
21	166	184	196	221	571	289	202	135	118	92	339	117
22	293	181	63	218	475	338	193	140	110	86	444	115
23	757	180	206	145	447	507	188	140	105	134	281	107
24	378	178	204	169	430	396	195	185	121	219	261	109
25	283	182	195	203	433	333	195	155	131	487	679	118
26	254	228	235	196	690	304	200	135	305	357	549	115
27	241	241	237	190	1180	251	180	123	159	520	365	111
28	240	251	233	197	763	304	178	119	138	272	287	112
29	239	459	231	217	---	299	186	124	131	543	226	108
30	240	379	230	222	---	267	212	126	282	872	207	102
31	235	---	229	281	---	264	---	128	---	982	212	---
TOTAL	7347	6522	9496	8458	26369	11043	7103	6914	4906	8888	11052	5625
MEAN	237	217	306	273	942	356	237	223	164	287	357	188
MAX	757	459	886	930	2000	595	415	802	387	982	1890	1230
MIN	28	32	63	145	430	251	175	119	101	86	112	102

CAL YR 1984	TOTAL	157887	MEAN	431	MAX	3200	MIN	17
WTR YR 1985	TOTAL	113723	MEAN	312	MAX	2000	MIN	28

02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC

LOCATION.--Lat 34°10'08", long 81°54'30", Newberry County, Hydrologic Unit 03050109, at left upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi².

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) NGVD. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1-1/2 ft flashboards on top of spillway gages is 441.5 ft NGVD. Water is used for generation of power.

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 439.31 ft, Aug. 19; minimum, 434.46 ft Feb. 28.

Capacity table (elevation, in feet) and usable contents
(in billions of cubic feet)
(prepared from capacity curve drawn by D. T. Duncan, Engineer)

431.0 ft	3.70 ft³
433.0 ft	4.51 ft³
436.0 ft	5.82 ft³
439.0 ft	7.18 ft³
442.0 ft	8.56 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.71	438.53	438.47	436.96	435.73	434.55	436.39	437.99	438.98	439.03	439.03	439.05
2	438.85	438.53	438.41	436.92	436.48	434.64	436.47	438.03	439.00	439.02	439.01	438.97
3	438.92	438.49	438.36	436.88	436.79	434.70	436.46	438.00	439.02	439.00	439.00	438.99
4	438.51	438.51	438.36	436.83	436.62	434.77	436.55	438.02	438.79	438.96	439.00	439.00
5	438.48	438.52	438.30	436.73	436.74	434.82	436.71	438.03	438.78	439.02	439.01	438.89
6	438.52	438.48	438.34	436.76	437.19	434.86	436.64	438.04	438.80	438.99	439.01	438.84
7	438.50	438.51	438.18	436.67	437.23	434.92	436.73	438.02	438.82	438.99	439.00	438.86
8	438.52	438.63	438.10	436.50	436.93	435.00	436.77	438.03	438.93	439.00	439.03	438.84
9	438.52	438.53	438.08	436.58	436.46	435.01	436.80	438.00	438.98	438.98	439.00	438.81
10	438.52	438.56	438.04	436.59	435.92	435.09	436.90	438.04	438.98	438.98	438.99	438.78
11	438.50	438.49	437.97	436.55	435.50	435.13	436.96	438.01	438.99	439.01	439.01	438.75
12	438.52	438.50	437.93	436.47	435.24	435.18	436.99	438.02	438.97	438.99	439.02	438.74
13	438.52	438.49	437.85	436.51	435.23	435.27	437.11	438.14	439.02	438.97	439.02	438.73
14	438.54	438.54	437.83	436.39	435.16	435.30	437.15	438.34	439.01	439.07	439.01	438.75
15	438.52	438.45	437.79	436.39	435.08	435.38	437.20	438.49	439.05	439.04	439.02	438.70
16	438.65	438.51	437.73	436.33	435.07	435.41	437.28	438.62	439.00	439.19	439.00	438.70
17	438.58	438.49	437.69	436.26	435.01	435.46	437.34	438.67	438.98	439.19	438.95	438.70
18	438.54	438.53	437.63	436.25	434.96	435.57	437.41	438.72	439.03	439.07	439.16	438.68
19	438.46	438.50	437.58	436.18	434.96	435.63	437.37	438.78	439.02	439.04	439.30	438.65
20	438.52	438.51	437.52	436.08	434.88	435.67	437.52	438.84	438.99	439.09	439.02	438.63
21	438.57	438.49	437.48	436.02	434.87	435.71	437.54	438.90	439.00	439.04	438.99	438.62
22	438.54	438.52	437.41	436.06	434.78	435.79	437.64	438.91	439.00	439.03	439.00	438.64
23	438.52	438.51	437.40	436.04	434.73	435.84	437.67	439.01	439.01	439.00	438.99	438.61
24	438.50	438.54	437.33	436.02	434.73	435.98	437.77	439.03	439.04	439.01	439.04	438.59
25	438.54	438.54	437.29	435.95	434.68	435.96	437.80	439.01	438.99	439.01	439.04	438.59
26	438.53	438.55	437.26	435.86	434.66	435.99	437.86	439.01	438.99	438.94	439.03	438.53
27	438.50	438.48	437.22	435.88	434.58	436.06	437.95	439.00	438.99	439.04	439.01	438.50
28	438.50	438.50	437.16	435.80	434.51	436.12	437.98	439.04	439.00	439.02	439.02	438.51
29	438.50	438.51	437.12	435.82	---	436.20	437.98	439.01	439.08	439.03	439.05	438.52
30	438.50	438.50	437.06	435.67	---	436.27	438.02	438.99	438.99	439.07	438.99	438.52
31	438.51	---	437.01	435.81	---	436.33	---	439.00	---	439.00	439.04	---
MAX	438.92	438.63	438.47	436.96	437.23	436.33	438.02	439.04	439.08	439.19	439.30	439.05
MIN	438.46	438.45	437.01	435.67	434.51	434.55	436.39	437.99	438.78	438.94	438.95	438.50
(+)	6.95	6.95	6.27	5.73	5.16	5.97	6.73	7.18	7.17	7.18	7.20	6.96
(*)	-19	0	-254	-202	-236	302	293	168	-4	4	7	-93

CAL YR 1984 * 0 MAX 440.05 MIN 434.45
WTR YR 1985 * -1.3 MAX 439.30 MIN 434.51

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

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

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

DRAINAGE AREA.--17.4 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 425 ft above National Geodetic Vertical Datum of 1929 (from topographic map.)

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

AVERAGE DISCHARGE.--5 years, 18.2 ft^3/s, 14.20 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,100 ft^3/s, Apr. 8, 1983, gage height, 10.28 ft; minimum daily, 0.08 ft^3/s, Oct. 3-6, 9, 10, 20, 21, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 809 ft^3/s, Feb. 6, gage height 9.62 ft; minimum daily, 0.43 ft^3/s, Sept. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	1.2	2.3	1.7	60	6.7	4.8	2.1	1.3	2.9	1.1	1.2
2	1.5	1.2	2.4	5.7	633	6.8	4.6	2.5	1.2	3.9	1.3	.89
3	1.3	1.2	8.9	98	117	6.4	4.5	8.8	1.1	1.2	1.0	.80
4	1.3	1.2	4.0	213	23	6.2	4.2	3.9	1.1	.91	.83	.72
5	1.3	1.4	27	33	224	6.1	4.1	2.7	.98	.86	.76	.68
6	1.3	1.3	22	9.8	573	5.8	7.9	2.4	.92	1.4	.75	.65
7	1.3	1.1	7.1	6.1	62	5.5	5.4	2.2	1.0	1.1	.80	.61
8	1.3	1.1	4.6	4.7	21	5.6	4.3	2.0	1.4	.88	.78	.58
9	1.3	1.2	3.7	3.7	15	5.8	4.1	2.2	1.1	.76	.86	.56
10	1.3	1.3	3.4	3.3	12	5.5	4.0	2.4	.97	.68	.83	.54
11	1.3	3.7	3.7	3.2	11	5.6	3.9	2.4	.92	.67	.75	.53
12	1.4	2.0	3.3	3.1	35	5.8	3.8	2.3	.99	.74	.69	.50
13	1.4	1.5	3.0	3.0	16	5.4	3.8	2.1	.93	.67	.73	.49
14	1.4	1.3	2.9	3.0	12	5.5	3.8	1.9	.87	.69	.64	.46
15	1.4	1.3	2.7	2.9	9.8	5.6	4.1	1.7	.92	1.1	.60	.49
16	1.4	1.3	2.7	2.7	8.6	5.3	4.2	1.6	1.4	.70	.58	.48
17	1.4	1.3	2.7	9.1	8.1	5.6	3.9	1.6	1.1	.72	.87	.48
18	1.4	1.3	2.6	9.3	7.4	5.4	3.4	1.6	.99	.62	1.1	.49
19	1.4	1.4	2.5	5.2	7.3	5.2	3.2	1.4	.93	.56	.77	.46
20	1.4	1.4	2.5	4.1	13	5.2	3.2	1.4	.90	.48	.66	.43
21	1.4	1.4	2.3	3.9	12	5.6	2.9	1.4	.82	.46	.62	.45
22	1.4	1.3	2.3	3.7	9.4	10	2.7	1.3	.75	.46	.58	.48
23	1.4	1.3	2.1	4.1	8.6	7.7	2.6	1.4	.71	1.3	.55	.49
24	1.5	1.4	1.9	4.3	8.1	6.4	3.1	1.4	17	.65	.70	.66
25	1.5	1.5	1.9	4.4	8.3	5.7	3.5	1.4	5.5	.71	.78	.73
26	1.4	1.5	1.8	4.3	8.4	5.3	2.7	1.3	1.1	.87	1.7	.61
27	1.4	1.5	1.7	4.4	8.1	5.2	2.4	1.2	.88	.80	.90	.53
28	1.7	3.7	1.7	4.9	7.2	5.3	2.3	1.3	.80	1.2	.71	.52
29	4.5	4.0	1.8	5.4	---	5.3	2.2	1.7	.99	3.9	.66	.59
30	1.7	2.6	1.9	4.7	---	5.0	2.1	1.5	11	15	2.5	.60
31	1.3	---	1.7	41	---	4.8	---	1.4	---	2.0	2.0	---
TOTAL	47.2	48.9	135.1	509.7	1938.3	181.3	111.7	64.5	60.57	48.89	28.10	17.70
MEAN	1.52	1.63	4.36	16.4	69.2	5.85	3.72	2.08	2.02	1.58	.91	.59
MAX	4.5	4.0	27	213	633	10	7.9	8.8	17	15	2.5	1.2
MIN	1.3	1.1	1.7	1.7	7.2	4.8	2.1	1.2	.71	.46	.55	.43

CAL YR 1984	TOTAL	7860.23	MEAN	21.5	MAX	511	MIN	.70
WTR YR 1985	TOTAL	3191.96	MEAN	8.75	MAX	633	MIN	.43

02167000 SALUDA RIVER AT CHAPPELLS, SC

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, Hydrologic Unit 03050109, on left bank on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi^2.

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at practically same site since 1905 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 362.89 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

REMARKS.--Records fair, except for estimated daily discharges, Jan. 22 to Feb. 8, and Feb. 28 to Mar. 14, which are poor. Flow regulated by Lake Greenwood (see sta. 02166501).

AVERAGE DISCHARGE.--59 years, 1,958 ft^3/s, 19.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63,700 ft^3/s, Oct. 2, 1929, gage height 32.5 ft, present datum, from rating curve extended above 27,000 ft^3/s on basis of velocity-area studies; minimum, 8 ft^3/s, Oct. 29, 1939, caused by construction work above station.

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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, greater than 6,000 ft^3/s, Feb. 7 (estimated), gage height, unknown; minimum 29 ft^3/s, Jul. 13, 23; minimum daily, 93 ft^3/s, Jul. 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	287	1070	1070	1070	4000	1400	942	900	905	744	1210	816
2	218	1060	1120	1500	7200	1200	590	956	339	504	1060	1080
3	280	739	1440	2740	7000	1100	918	1930	469	1510	757	945
4	2690	446	2160	3740	5600	1300	406	756	1280	916	646	1110
5	1330	674	2310	4400	6000	1500	799	1240	760	392	593	735
6	492	1550	2290	2300	8000	900	1180	823	343	717	768	1070
7	266	841	3450	2280	7200	1000	603	821	318	570	582	449
8	1090	556	1590	2280	5600	1100	832	619	313	923	736	753
9	718	1450	1490	880	4610	1100	838	765	353	625	794	710
10	891	487	2080	1150	4540	800	621	779	743	480	662	786
11	805	1430	1600	1570	4510	1000	596	1070	506	434	740	489
12	633	589	1290	1450	4220	1100	570	936	477	612	789	907
13	471	1250	1020	934	3210	900	484	595	522	200	565	727
14	353	991	1180	1490	3870	1100	777	322	465	437	587	932
15	660	1350	1310	1130	2310	926	812	408	367	467	310	868
16	174	460	1350	1300	2490	491	840	293	656	190	939	319
17	508	994	1170	1500	1990	859	1180	402	664	93	473	584
18	1010	264	1380	1400	1690	778	1350	341	342	725	1990	606
19	1400	1220	1270	1590	1940	725	1470	308	505	1110	4250	518
20	595	418	1200	1560	2000	683	368	316	419	314	4300	477
21	623	1050	1100	1420	2110	1170	852	334	255	609	1730	420
22	1090	601	1180	900	1810	910	462	441	268	539	1130	391
23	2230	816	888	1300	1470	1300	708	348	270	269	901	416
24	1390	763	1200	800	1680	797	503	400	321	900	889	783
25	1100	776	903	1400	1690	1010	874	625	623	829	1240	493
26	971	722	1290	1600	2090	1050	604	617	800	895	1480	654
27	875	974	1080	800	2460	689	284	728	521	819	1650	406
28	1080	1160	1140	1500	1600	656	897	622	400	1130	1720	337
29	1090	1530	1240	1200	---	740	610	807	364	1580	1310	269
30	739	1270	1180	1700	---	776	751	566	1000	2000	1630	444
31	1190	---	1220	1300	---	813	---	657	---	2360	1130	---
TOTAL	27249	27501	44191	50184	102890	29873	22721	20725	15568	23893	37561	19494
MEAN	879	917	1426	1619	3675	964	757	669	519	771	1212	650
MAX	2690	1550	3450	4400	8000	1500	1470	1930	1280	2360	4300	1110
MIN	174	264	888	800	1470	491	284	293	255	93	310	269

CAL YR 1984	TOTAL	765624	MEAN	2092	MAX	7250	MIN	174
WTR YR 1985	TOTAL	421850	MEAN	1156	MAX	8000	MIN	93

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 10.0 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.--Water-stage recorder. Datum of gage is 0.64 ft below National Geodetic Vertical Datum of 1929. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.
REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 ft³ between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 ft³. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gages 362 ft; gage height of other spillway crest, 340 ft with top of gages 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, 356.91 ft Aug. 1; minimum gage height, 351.96 ft Dec. 10.

Capacity table (gage height, in feet),
and usable contents (in billions of cubic feet)
(Prepared by Lexington Water Power Co. from topographic map, contour survey,
and study of change in reservoir elevation due to inflow)

350 ft	50.77 ft³
352 ft	54.30 ft³
356 ft	61.91 ft³
358 ft	66.00 ft³
360 ft	70.30 ft³

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	353.85	353.01	352.27	352.74	353.06	355.28	355.33	355.38	355.71	355.96	356.90	356.23
2	353.83	353.03	352.30	352.91	354.10	355.27	355.35	355.45	355.73	355.98	356.86	356.29
3	353.80	353.04	352.39	353.18	354.64	355.33	355.35	355.57	355.73	355.99	356.85	356.12
4	353.80	353.05	352.44	353.32	354.63	355.34	355.36	355.62	355.73	355.99	356.85	355.84
5	353.88	353.05	352.63	353.48	355.03	355.40	355.46	355.66	355.77	356.00	356.85	355.77
6	353.88	353.06	352.49	353.65	355.65	355.40	355.45	355.65	355.76	356.05	356.85	355.58
7	353.90	353.06	352.29	353.69	355.77	355.38	355.48	355.67	355.85	356.05	356.85	355.49
8	353.91	353.06	352.03	353.60	355.76	355.38	355.49	355.71	355.86	356.08	356.81	355.64
9	353.92	353.08	352.02	353.45	355.84	355.34	355.49	355.72	355.83	356.09	356.83	355.57
10	353.94	353.11	352.02	353.46	356.00	355.27	355.49	355.75	355.83	356.11	356.85	355.33
11	353.95	353.16	352.05	353.49	356.21	355.26	355.49	355.78	355.87	356.13	356.87	355.05
12	353.96	353.16	352.09	353.53	355.85	355.31	355.49	355.83	355.87	356.10	356.71	354.87
13	353.96	353.03	352.12	353.46	355.82	355.31	355.52	355.86	355.82	356.09	356.63	354.86
14	353.95	352.88	352.16	353.45	355.89	355.33	355.52	355.68	355.80	356.10	356.40	354.83
15	353.95	352.87	352.19	353.36	355.91	355.34	355.58	355.64	355.81	356.12	356.38	354.82
16	353.92	352.88	352.22	353.24	355.84	355.36	355.62	355.64	355.84	356.12	356.31	354.77
17	353.82	352.88	352.27	353.28	355.78	355.35	355.64	355.61	355.87	356.12	356.37	354.80
18	353.86	352.87	352.30	353.37	355.50	355.18	355.47	355.57	355.87	356.09	356.41	354.70
19	353.79	352.88	352.33	353.38	355.46	355.00	355.48	355.53	355.85	356.09	356.42	354.70
20	353.75	352.66	352.37	353.35	355.46	354.98	355.51	355.54	355.84	356.11	356.59	354.70
21	353.71	352.42	352.43	353.00	355.36	355.01	355.51	355.56	355.83	356.11	356.56	354.70
22	353.71	352.39	352.41	352.55	355.36	355.08	355.29	355.56	355.82	356.17	356.56	354.70
23	353.70	352.39	352.44	352.35	355.39	355.10	355.29	355.56	355.81	356.17	356.55	354.57
24	353.52	352.39	352.46	352.36	355.45	355.17	355.34	355.54	355.87	356.24	356.54	354.58
25	353.52	352.42	352.49	352.36	355.53	355.17	355.34	355.51	355.87	356.34	356.73	354.57
26	353.53	352.42	352.51	352.40	355.63	355.19	355.34	355.51	355.87	356.37	356.67	354.58
27	353.53	352.40	352.54	352.43	355.45	355.23	355.36	355.52	355.90	356.39	356.37	354.46
28	353.54	352.47	352.57	352.46	355.38	355.24	355.36	355.54	355.87	356.42	356.39	354.45
29	353.28	352.32	352.61	352.48	---	355.25	355.38	355.55	355.87	356.61	356.04	354.42
30	353.00	352.26	352.64	352.51	---	355.27	355.38	355.68	355.92	356.77	355.89	354.45
31	353.00	---	352.69	352.63	---	355.32	---	355.70	---	356.83	356.11	---
MAX	353.96	353.16	352.69	353.69	356.21	355.40	355.64	355.86	355.92	356.83	356.90	356.29
MIN	353.00	352.26	352.02	352.35	353.06	354.98	355.29	355.38	355.71	355.96	355.89	354.42
(+)	56.14	54.78	55.57	55.46	60.69	60.57	60.69	61.32	61.75	63.58	62.13	58.88
(*)	-601	-525	295	-41	2,162	-45	46	235	166	683	-541	-1,254

CAL YR 1984 *-45 MAX 358.95 MIN 352.02
WTR YR 1985 * 36 MAX 356.90 MIN 352.02

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

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'00", long 81°12'40", Lexington County, Hydrologic Unit 03050109, on left bank approximately 1000 ft downstream from Lake Murray Dam on Saluda river and 10 mi upstream from confluence of Saluda and Broad River.

PERIOD OF RECORD.--September 19, 1984 to September 30, 1985.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: September 19, 1984 to September 30, 1985.

INSTRUMENTATION.--USGS mini-monitor since September 1984.

REMARKS.--Records prior to October 1, 1984 are in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 21.0°C, November 17, 1984; minimum, 6.5°C, several days during February and March, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 21.0°C, November 17; minimum, 6.5°C, several days during February and March.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	9.0	10.0	7.5	6.5	7.0	11.0	8.5	10.0	11.5	9.5	10.5
2	10.5	9.5	10.0	8.5	6.5	7.5	11.0	10.0	10.5	11.5	11.0	11.0
3	10.5	9.0	10.0	8.5	7.5	8.0	11.0	10.0	10.5	12.0	11.0	11.5
4	10.5	7.5	8.0	8.5	6.5	7.5	11.0	8.5	10.5	12.0	10.5	11.5
5	9.0	7.5	8.0	9.5	8.5	9.0	11.0	10.5	10.5	12.5	10.5	11.5
6	8.0	7.5	7.5	10.0	6.5	8.0	11.0	10.0	10.5	12.0	9.5	10.5
7	8.0	7.5	8.0	8.5	6.5	7.0	11.0	9.0	9.5	12.0	11.0	11.5
8	8.5	7.5	8.0	10.0	6.5	8.0	11.5	8.5	10.0	12.0	12.0	12.0
9	8.5	7.5	8.0	9.5	6.5	7.5	11.5	10.0	10.5	12.5	11.0	12.0
10	8.5	7.5	8.0	8.5	6.5	7.5	11.5	10.0	10.5	13.5	12.0	12.5
11	9.5	7.0	8.0	8.5	7.0	8.0	11.5	10.5	11.0	13.5	11.0	12.0
12	8.0	7.5	7.5	9.5	7.5	8.5	11.5	9.0	10.5	13.5	12.5	12.5
13	8.5	7.0	7.5	9.0	7.5	8.5	11.5	9.0	10.5	13.5	12.5	13.0
14	8.0	7.0	7.5	9.0	7.5	8.5	10.5	9.0	10.0	12.5	9.0	11.0
15	8.5	7.0	7.5	9.0	8.0	8.5	11.5	9.0	10.5	15.0	9.5	13.0
16	8.5	7.0	7.5	9.0	8.0	8.5	11.5	10.5	11.0	15.0	14.0	14.5
17	8.5	7.0	7.5	8.5	7.0	7.5	11.5	9.0	11.0	14.0	10.0	12.0
18	8.0	7.0	7.5	8.5	7.0	7.5	11.5	8.0	10.0	12.0	9.5	10.5
19	8.5	7.0	7.5	8.0	7.0	7.0	11.0	8.0	10.0	11.0	9.5	10.5
20	8.5	7.0	7.5	9.0	7.5	8.5	10.5	10.0	10.5	12.5	10.5	12.0
21	8.0	6.5	7.0	9.0	8.5	8.5	12.0	9.5	10.5	13.0	11.5	12.0
22	8.0	6.5	7.0	10.0	8.0	9.0	12.0	8.5	10.0	13.0	12.0	12.5
23	10.5	7.0	8.5	10.5	9.5	10.0	12.0	9.0	11.0	13.5	12.0	13.0
24	9.0	8.0	8.5	11.0	8.5	10.0	11.5	11.0	11.0	13.5	12.5	13.0
25	9.5	7.0	8.0	10.5	9.5	10.0	12.0	11.0	11.5	14.0	11.0	12.5
26	10.5	7.0	8.0	10.5	9.5	10.0	12.0	11.0	11.5	13.5	11.0	12.0
27	9.5	6.5	7.5	10.5	9.5	10.0	11.5	9.5	11.0	14.0	11.0	12.5
28	8.0	6.5	7.0	10.5	8.5	10.0	12.0	9.5	10.5	14.0	12.5	13.0
29	---	---	---	11.0	8.5	10.0	12.5	9.0	11.0	15.5	11.5	14.0
30	---	---	---	11.0	10.0	10.5	11.0	9.0	9.5	15.5	12.5	14.5
31	---	---	---	11.0	9.0	10.0	---	---	---	16.0	14.5	15.0
MONTH	10.5	6.5	8.0	11.0	6.5	8.5	12.5	8.0	10.5	16.0	9.0	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	16.5	13.0	15.0	16.5	12.5	15.5	15.0	11.5	13.0	16.5	12.5	15.0
2	16.0	13.5	15.0	17.0	12.5	15.0	15.0	11.5	12.5	16.5	13.5	15.5
3	16.0	12.0	14.5	16.5	12.5	15.0	16.5	13.0	14.5	15.5	12.5	13.5
4	16.0	13.5	15.0	16.5	12.5	14.0	16.0	13.0	14.5	15.5	13.0	14.0
5	16.5	14.5	15.0	14.5	12.0	13.5	17.0	13.5	15.5	16.0	12.5	14.0
6	16.5	14.5	15.0	14.5	12.0	13.5	17.5	13.5	16.5	16.0	12.5	14.0
7	16.0	12.5	14.5	16.5	13.0	14.5	16.5	14.0	15.0	15.5	13.0	14.0
8	14.5	12.5	13.5	16.5	15.0	15.5	15.5	11.5	13.5	15.0	13.0	13.5
9	14.0	11.5	13.0	16.5	15.0	15.5	16.0	13.0	15.0	14.0	13.0	13.5
10	14.0	13.0	13.5	16.5	13.5	15.0	16.5	13.0	15.0	16.0	13.0	14.0
11	14.0	13.0	13.5	16.5	13.0	15.0	16.5	13.0	15.0	15.5	12.5	13.0
12	14.5	12.5	13.5	16.5	12.5	15.0	15.0	11.5	13.0	16.0	13.0	15.0
13	14.0	11.5	13.0	16.0	13.0	14.5	14.5	12.0	12.5	16.0	13.0	14.0
14	14.5	11.5	13.0	16.5	13.0	14.5	16.0	12.0	13.0	17.0	13.0	14.0
15	14.0	11.5	13.0	17.0	13.0	15.5	15.0	12.0	13.0	15.0	13.0	14.0
16	14.0	11.5	13.0	16.5	14.5	15.5	15.0	12.0	14.0	15.5	13.0	14.5
17	14.5	13.0	13.5	16.5	15.0	15.5	15.5	14.5	15.0	16.5	13.5	15.0
18	14.5	13.5	14.0	17.0	13.5	15.5	16.0	13.0	15.0	16.5	13.5	15.0
19	13.5	12.5	13.0	15.5	13.5	14.5	16.0	12.0	13.5	17.0	13.5	15.5
20	14.5	12.0	13.5	16.5	14.5	15.5	16.5	12.0	14.5	16.5	14.0	15.5
21	16.5	12.0	14.5	16.5	11.5	15.0	16.5	12.0	13.5	17.0	16.0	16.5
22	16.5	12.5	14.5	17.0	11.5	14.5	16.5	15.0	16.0	17.0	14.5	16.0
23	16.5	12.5	15.0	17.0	13.5	16.0	16.5	12.5	15.0	17.0	15.5	16.5
24	16.5	13.0	15.0	16.5	13.0	14.5	16.0	12.5	14.0	16.5	14.0	16.0
25	16.5	14.0	15.5	17.0	13.0	14.5	16.5	13.5	15.5	17.0	14.0	16.0
26	16.5	15.0	15.5	16.5	13.0	15.0	15.5	12.0	13.0	17.0	14.0	16.0
27	16.5	15.0	15.5	16.5	13.0	15.0	15.0	12.5	13.0	16.0	13.5	14.5
28	16.5	12.5	14.0	16.0	13.0	14.0	15.5	12.0	13.0	16.5	13.5	14.5
29	16.0	13.0	14.5	16.0	13.0	14.5	14.0	12.5	12.5	15.0	13.5	14.0
30	16.0	13.0	15.0	16.5	11.5	14.0	13.0	12.5	13.0	16.0	13.5	15.0
31	---	---	---	15.5	11.5	13.5	14.0	12.5	13.0	---	---	---
MONTH	16.5	11.5	14.0	17.0	11.5	15.0	17.5	11.5	14.0	17.0	12.5	14.5
YEAR	21.0	6.5	13.5									

02168850 SALUDA RIVER AT WIS RADIO NEAR COLUMBIA, SC

LOCATION.--Lat 34°01'26", long 81°08'26", Lexington County, Hydrologic Unit 03050109, on left bank at WIS Radio Transmission tower, 1.2 mi below Fourteen Mile Creek and 0.7 mi above Interstate-20 bridge on Saluda River.

PERIOD OF RECORD.--September 19, 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: September 19, 1984 to September 30, 1985.

INSTRUMENTATION.--USGS mini-monitor since September 1984.

REMARKS.--Records prior to October 1, 1984 are in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORDS.--
WATER TEMPERATURE: Maximum, 23°C, July 10, 1985; minimum, 7.0°C, February 5, 6 and March 1, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum, 23°C, July 10; minimum, 7.0°C, February 5, 6 and March 1.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02168850 SALUDA RIVER AT WIS RADIO NEAR COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	10.5	11.5	8.0	7.0	8.0	14.5	13.0	13.5	14.5	12.5	13.5
2	12.5	11.5	12.0	10.0	8.0	9.0	13.5	12.5	13.0	14.5	13.0	13.5
3	11.5	11.0	11.0	11.0	9.5	10.5	13.0	12.0	12.5	14.5	13.5	14.0
4	11.0	8.0	9.0	11.0	9.5	10.5	14.0	12.0	13.0	15.0	13.0	14.5
5	9.0	7.0	8.0	12.5	9.5	11.0	14.0	12.5	13.5	15.0	13.5	14.5
6	8.0	7.0	7.5	12.0	10.0	11.0	14.5	13.5	14.0	15.0	13.5	14.5
7	8.5	8.0	8.0	9.5	7.5	8.5	14.5	12.5	14.0	16.0	14.0	15.0
8	8.5	8.0	8.0	11.5	8.0	9.0	14.0	12.5	13.0	16.0	14.0	15.0
9	9.5	8.0	8.5	10.5	7.5	9.0	13.5	12.5	13.0	14.0	13.5	14.0
10	9.5	8.0	9.0	9.5	7.5	8.5	13.5	12.0	13.0	15.5	14.0	14.5
11	9.5	8.0	8.5	10.0	7.5	9.0	13.5	12.0	13.0	15.5	13.0	14.5
12	9.0	7.5	8.0	12.0	9.5	10.5	13.5	12.5	13.5	16.5	15.0	16.0
13	8.5	7.5	8.0	12.0	10.0	11.0	14.0	13.0	13.0	17.0	16.0	16.5
14	8.5	7.5	8.0	12.5	10.5	11.5	13.5	12.5	13.0	17.0	10.5	14.0
15	9.5	7.5	8.5	12.0	11.0	11.5	13.0	12.5	12.5	15.0	12.5	13.5
16	9.0	7.5	8.0	11.5	10.0	10.5	14.0	13.0	13.5	16.5	13.5	15.0
17	9.0	7.5	8.0	10.5	8.5	9.5	14.5	13.0	14.0	16.0	14.0	15.0
18	8.0	7.5	7.5	10.0	8.0	8.5	14.5	10.0	12.5	16.0	14.5	15.0
19	8.5	7.5	8.0	9.0	7.5	8.5	15.0	10.0	12.0	15.0	13.5	14.0
20	9.5	7.5	8.5	11.0	8.0	9.5	15.0	12.0	14.0	15.0	13.0	14.0
21	8.5	7.5	8.0	11.0	8.5	9.0	14.5	12.0	13.5	16.5	14.5	15.5
22	9.0	7.5	8.5	10.0	9.0	9.5	14.5	10.0	12.0	16.5	15.0	16.0
23	10.5	8.0	9.0	12.5	9.5	11.0	14.5	10.5	12.5	17.0	15.0	16.0
24	11.5	10.5	11.0	13.0	11.0	12.0	14.5	13.0	14.0	17.0	16.0	16.5
25	11.5	9.5	11.0	12.5	11.5	12.0	16.0	13.5	15.0	17.0	15.5	16.5
26	10.5	9.5	10.0	13.0	10.5	11.5	15.5	13.5	15.0	16.5	15.5	16.0
27	9.5	7.5	8.5	13.0	11.5	12.0	15.5	14.0	14.5	16.5	15.5	16.0
28	9.0	7.5	8.0	13.0	11.5	12.5	15.0	13.5	14.5	17.0	16.0	16.5
29	---	---	---	14.0	12.0	13.0	16.0	14.0	15.0	17.0	16.0	16.5
30	---	---	---	14.5	13.0	14.0	14.5	12.0	13.5	17.0	16.0	16.5
31	---	---	---	14.5	12.5	14.0	---	---	---	19.5	16.5	18.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	19.5	20.5	21.0	20.0	20.5	15.5	12.5	13.5	17.5	15.0	16.0
2	21.0	20.5	20.5	22.0	20.0	21.0	14.5	12.0	13.0	17.5	16.5	17.0
3	21.5	19.5	20.5	22.0	20.0	21.0	18.5	13.5	16.0	17.5	13.0	14.5
4	21.5	19.5	20.5	21.5	20.0	20.5	19.0	17.5	18.0	15.0	13.0	14.0
5	22.0	20.0	21.0	20.0	19.0	19.5	18.5	17.5	18.0	16.0	13.5	14.0
6	22.5	21.0	21.5	20.0	19.0	19.5	20.5	17.0	19.5	14.5	13.5	14.0
7	21.5	20.5	21.0	21.0	18.5	20.0	18.5	15.0	16.5	15.0	13.0	14.0
8	20.0	19.0	19.5	22.0	20.5	21.0	18.5	11.5	14.5	15.0	14.0	14.5
9	19.0	17.5	18.5	22.5	21.0	21.5	18.0	13.0	15.5	14.5	13.5	14.0
10	19.0	17.5	18.0	23.0	21.5	22.0	19.5	17.0	18.5	15.0	13.0	14.0
11	19.0	17.5	18.0	21.0	18.5	19.5	20.0	18.0	18.5	14.5	13.5	14.0
12	18.5	17.0	18.0	21.0	19.5	20.5	19.0	12.0	15.5	15.0	13.5	14.5
13	18.0	17.0	17.5	21.5	20.0	20.5	15.5	12.0	13.5	15.0	14.0	14.5
14	17.0	16.5	17.0	21.5	19.5	20.5	15.0	12.0	13.0	15.0	13.5	14.0
15	17.0	16.0	16.5	21.5	19.5	20.5	15.5	12.0	13.5	15.0	14.0	14.5
16	17.0	16.0	16.5	22.0	21.0	21.5	17.0	12.5	14.0	15.0	14.0	14.5
17	18.5	17.0	17.5	---	---	---	17.0	13.5	15.0	16.0	14.5	15.5
18	19.0	18.0	18.5	---	---	---	17.0	15.5	16.0	16.0	15.0	15.5
19	19.0	16.0	17.5	21.0	19.5	20.5	16.5	12.0	15.0	16.0	15.0	15.5
20	18.5	15.5	17.0	20.5	19.0	19.5	16.0	13.0	14.0	16.0	15.5	16.0
21	18.5	17.5	18.0	21.0	18.5	20.5	17.0	12.5	14.5	16.0	15.5	16.0
22	20.0	18.0	19.0	15.5	12.0	13.5	18.0	14.0	16.0	16.5	16.0	16.0
23	20.5	18.5	19.5	21.0	16.0	19.5	18.0	12.5	15.5	16.5	16.0	16.5
24	21.0	19.5	20.0	20.5	18.5	20.0	16.0	12.0	13.5	16.5	16.0	16.0
25	21.0	19.5	20.5	19.5	18.0	19.0	17.0	14.0	15.5	16.5	16.0	16.0
26	21.5	21.0	21.5	20.5	18.5	19.5	17.0	12.5	14.5	16.5	16.0	16.5
27	21.5	20.5	21.0	21.5	19.5	20.5	14.5	12.0	13.0	16.5	16.0	16.0
28	21.0	15.0	19.0	21.0	18.5	20.0	13.5	12.0	13.0	15.5	15.0	15.5
30	21.0	17.0	19.0	19.5	11.5	17.5	13.5	12.5	12.5	15.5	15.0	15.5
31	---	---	---	17.5	11.5	14.0	16.0	13.0	14.5	---	---	---
MONTH	22.5	15.0	19.0	23.0	11.5	19.5	20.5	11.5	15.0	17.5	13.0	15.0
YEAR	23.0	7.0	15.0									

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.--Lat 34°00'50", long 81°05'17", Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upstream from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,520 mi^2.

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Water-stage recorder. Datum of gage is 149.46 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500).

AVERAGE DISCHARGE.--60 years, 2,889 ft^3/s, 15.57 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 67,000 ft^3/s, Oct. 2, 1929, gage height, 15.22 ft, from rating curve extended above 36,000 ft^3/s on basis of discharge measurements made at Wise Ferry Bridge near Chapin; minimum, 11 ft^3/s, July 13, 1930; minimum daily, 12 ft^3/s, July 13, 1930, caused by construction work above station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,600 ft^3/s, Feb. 5, gage height, 7.99 ft; minimum, 204 ft^3/s, gage height, 1.71 ft, May 31, June 1; minimum daily, 212 ft^3/s, June 6, 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	477	577	610	411	594	4610	473	473	224	343	1420	817
2	433	435	546	417	1510	1210	454	448	228	363	1500	598
3	687	426	580	673	856	522	450	537	223	258	347	5740
4	425	437	562	4340	8250	1010	446	459	220	216	317	6480
5	421	426	951	1440	9090	597	434	446	219	228	301	3230
6	419	424	4280	562	9570	856	526	420	212	347	242	2040
7	421	414	7220	1610	10800	2230	488	380	308	317	536	6240
8	420	438	6250	4260	8950	1330	484	375	418	264	1630	1680
9	419	404	4200	4020	4720	2100	474	379	351	245	323	5690
10	419	404	2610	2310	1660	2730	475	471	348	294	297	7150
11	419	430	745	803	4240	1060	458	870	351	299	292	4600
12	421	397	820	420	10500	741	453	405	349	219	3930	1000
13	421	3990	918	1940	5100	720	451	383	341	253	2110	989
14	421	4300	467	2410	2670	664	456	3710	342	253	4980	783
15	423	966	462	1560	2470	625	458	842	344	224	2310	526
16	981	686	465	3300	4320	627	464	785	387	276	1330	694
17	1390	454	470	2100	4190	1790	465	645	349	265	626	571
18	916	455	466	1260	8070	3970	4710	411	347	234	498	581
19	1860	445	470	740	4500	5290	1430	411	370	240	3140	574
20	972	4850	471	846	3180	1300	579	411	359	226	940	581
21	603	6410	458	8270	5780	655	568	412	253	226	4860	567
22	602	2680	419	10900	2670	615	5280	437	213	1040	779	565
23	2280	768	416	6190	1190	490	1120	414	213	388	2020	566
24	5130	421	413	1300	512	480	470	345	243	373	3810	562
25	1130	420	413	644	762	472	455	341	247	382	1070	556
26	581	386	413	512	970	465	446	340	226	462	6310	572
27	1270	400	414	513	5350	464	452	336	212	381	7360	722
28	735	1470	411	530	5850	460	445	339	652	373	3330	511
29	6300	4800	411	528	---	460	491	374	751	439	7790	526
30	7450	3420	411	494	---	462	601	472	481	1730	10700	480
31	1300	---	411	551	---	471	---	222	---	2220	4120	---
TOTAL	40146	42533	38153	65854	128324	39476	24956	17293	9781	13378	79218	56191
MEAN	1295	1418	1231	2124	4583	1273	832	558	326	432	2555	1873
MAX	7450	6410	7220	10900	10800	5290	5280	3710	751	2220	10700	7150
MIN	419	386	411	411	512	460	434	222	212	216	242	480

CAL YR 1984	TOTAL	1211582	MEAN	3310	MAX	16200	MIN	386
WTR YR 1985	TOTAL	555303	MEAN	1521	MAX	10900	MIN	212

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PEROID OF RECORD.--September 19, 1984 to September 30, 1985.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: September 19, 1984 to September 30, 1985.

INSTRUMENTATION.--USGS mini-monitor since September 1984.

REMARKS.--Records prior to October 1, 1984 are in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 25°C, July 10, 11, 1985; minimum, 6.5°C, February 13, 14 and 17, 18, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25°C, July 10, 11; minimum, 6.5°C, February 13, 14 and 17, 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.0	19.5	21.0	21.5	20.0	21.0	17.5	12.5	14.0	18.0	16.0	17.0
2	23.5	22.5	23.0	23.0	21.0	22.0	15.5	13.5	14.0	20.0	18.0	19.0
3	23.5	22.0	23.0	23.5	22.0	23.0	18.0	13.5	15.5	19.0	13.5	16.0
4	23.5	22.5	23.0	23.5	22.5	23.0	21.0	18.5	19.5	16.5	13.5	14.5
5	24.0	23.0	23.5	23.0	22.0	22.5	21.0	20.0	20.5	17.5	14.0	15.0
6	24.5	23.5	24.0	22.0	21.0	21.5	22.0	20.5	21.0	16.5	14.0	14.5
7	24.5	23.0	24.0	22.0	21.0	21.5	22.0	19.5	20.5	16.5	13.5	14.5
8	23.0	21.5	22.0	23.5	22.0	22.5	19.5	13.0	16.5	17.5	14.0	15.5
9	22.5	20.0	21.0	24.0	22.5	23.5	17.5	13.5	15.0	16.5	13.5	15.0
10	21.5	19.5	20.5	25.0	23.0	24.0	21.0	17.5	19.5	16.5	13.5	14.5
11	21.0	19.5	20.5	25.0	23.0	23.5	22.0	20.5	21.0	16.5	14.0	14.5
12	20.5	19.0	19.5	23.0	21.0	21.5	22.0	13.0	18.0	16.5	14.0	15.5
13	20.5	18.5	19.5	23.0	22.0	22.5	16.5	13.0	14.0	16.5	15.0	16.0
14	20.0	18.5	19.0	23.5	22.0	22.5	16.5	13.0	14.0	15.5	13.5	14.5
15	19.0	17.5	18.5	23.5	22.5	23.0	16.5	13.0	14.0	17.0	15.0	16.0
16	19.0	18.0	18.5	23.5	23.0	23.0	17.5	13.5	14.5	16.0	15.5	16.0
17	20.5	18.5	19.0	23.5	22.5	23.0	17.5	13.5	15.5	17.0	15.5	16.0
18	21.5	19.5	20.5	24.0	23.0	23.5	19.0	17.5	18.5	18.0	16.5	17.0
19	21.0	19.5	20.0	24.0	23.0	23.5	19.0	13.0	16.5	18.0	16.5	17.0
20	19.5	17.5	18.5	24.0	23.0	23.5	16.0	13.5	15.0	18.0	17.0	17.5
21	20.0	18.5	19.0	23.5	22.5	23.0	18.0	13.5	15.0	18.0	17.0	17.5
22	20.5	19.5	20.0	23.5	13.0	16.0	18.5	14.5	16.5	19.0	17.5	18.0
23	21.5	20.5	21.0	21.5	15.5	18.0	19.5	13.5	17.0	18.5	17.5	18.0
24	22.0	21.0	21.5	22.5	22.0	22.5	17.0	13.0	14.5	18.0	17.5	18.0
25	23.0	21.5	22.0	22.5	21.5	22.0	17.5	14.0	15.5	18.5	16.5	17.5
26	24.0	22.0	23.0	23.0	21.0	22.0	18.5	13.0	16.0	18.5	17.5	18.0
27	24.0	22.5	23.0	23.5	22.0	22.5	15.0	13.0	14.0	18.5	16.5	17.5
28	23.0	16.0	22.0	23.5	23.0	23.0	14.5	13.0	13.5	16.5	15.5	16.0
29	17.0	14.5	15.5	23.0	21.5	22.0	14.0	13.0	13.5	17.0	15.5	16.5
30	20.0	16.5	18.5	22.0	12.5	19.5	14.0	13.0	13.5	17.0	15.5	16.5
31	---	---	---	18.0	12.5	14.0	16.0	13.5	14.5	---	---	---
MONTH	24.5	14.5	21.0	25.0	12.5	22.0	22.0	12.5	16.0	20.0	13.5	16.5
YEAR	25.0	6.5	15.5									

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35", long 81°03'00", Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 113.02 ft above National Geodetic Vertical Datum of 1929.

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 Broad River. City of Columbia diverted about 49 ft^3/s above station for municipal supply.

AVERAGE DISCHARGE.--46 years, 9,318 ft^3/s, 16.11 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft^3/s Oct. 11, 1976, gage height, 29.74 ft; minimum, 588 ft^3/s Jan. 19, 1942, gage height, 0.94 ft; minimum daily, 662 ft^3/s Oct. 18, 1954.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum flood since at least October 1891, discharge 364,000 ft^3/s, Aug. 27, 1908, gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54,700 ft^3/s Aug. 19, gage height, 17.52 ft; minimum, 639 ft^3/s, Oct. 8, gage height, 1.56 ft; minimum daily, 696 ft^3/s July 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2100	5340	5320	5380	6640	13400	3980	3470	2470	1130	4820	5150
2	2110	4120	5350	5360	25800	8230	4350	3780	2540	2810	4780	5960
3	3830	3480	5410	3290	39500	6420	5260	4590	1400	2580	3320	9850
4	5070	2290	7390	7520	40900	6500	4570	3620	2160	4500	4450	9210
5	3960	2970	8410	15800	30200	6500	3870	3750	2900	2820	2560	5410
6	3280	3750	10300	12400	39000	7420	3180	3490	3150	2620	1630	4390
7	1890	4320	15400	14300	37600	5180	3470	4090	3080	2820	3090	8050
8	1040	4290	16000	11500	34400	4780	6340	5790	1660	2430	4040	5330
9	3720	3830	9850	10500	17300	6420	4210	4560	3420	3470	2060	7800
10	4180	3190	7040	9540	8850	6500	5440	3490	3540	1450	4900	7560
11	3570	3230	3510	6530	10500	5910	3560	4620	5080	1070	3820	7720
12	2630	2870	5390	4480	14700	3970	2310	2390	3470	3050	6450	4090
13	1630	6470	5240	3870	21300	5360	4290	5030	1500	1360	6140	2270
14	1370	7120	4140	6040	9180	5600	5390	6930	1580	2030	8020	3980
15	2360	5370	6330	8290	14800	4830	3440	4180	3420	3370	3670	2920
16	4220	4480	6610	3410	11400	3920	4430	2170	3590	3530	3600	3110
17	4990	3390	3480	5670	12600	6340	4880	3650	2170	2960	3620	2980
18	4410	3850	4010	7310	10200	9480	8310	4310	1720	3510	15400	2850
19	5320	3450	4220	7430	13200	7510	10100	4270	3160	3080	38600	3240
20	3600	7060	3900	5880	9520	3310	4120	4270	2540	3070	31200	3590
21	1960	9090	4180	3290	10200	4870	2010	4390	1940	696	17500	3000
22	3090	5510	4090	6370	9760	6430	8720	4350	2390	2840	6390	1600
23	5210	4370	4510	15600	8140	4740	6850	3110	1320	2300	7070	1840
24	8420	3270	5590	10100	5520	4780	3800	1850	1470	1720	5810	2420
25	7150	4190	5600	3250	5300	6220	3780	2350	3080	5400	6320	3600
26	8960	3750	4370	2570	6760	3940	3670	1570	3020	5000	17300	3700
27	5180	3870	2390	4910	7330	3950	4720	1910	2160	8680	16600	2820
28	4580	4350	3190	2310	10700	6140	3660	3040	1120	5850	9240	4110
29	7650	7910	2780	6020	---	3750	4220	3390	4690	3840	12400	2020
30	8890	6970	3840	3020	---	3340	4130	4250	2020	8980	15000	2160
31	5120	---	5430	3500	---	4820	---	3810	---	11300	9810	---
TOTAL	131490	138150	183270	215440	471300	180560	141060	116470	77760	110266	279610	132730
MEAN	4242	4605	5912	6950	16830	5825	4702	3757	2592	3557	9020	4424
MAX	8960	9090	16000	15800	40900	13400	10100	6930	5080	11300	38600	9850
MIN	1040	2290	2390	2310	5300	3310	2010	1570	1120	696	1630	1600

CAL YR 1984	TOTAL	4049590	MEAN	11060	MAX	63700	MIN	1040
WTR YR 1985	TOTAL	2178106	MEAN	5967	MAX	40900	MIN	696

02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22", long 80°58'28", Richland County, Hydrologic Unit 03050110, on upstream side of bridge on U.S. Highways 378 and 76 (Devine Street) at Columbia, 0.75 mi downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 mi^2.

PERIOD OF RECORD.--Water year 1964-66 (annual maximum), September 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 137.38 ft above National Geodetic Vertical Datum of 1929. Apr. 1, 1964 to Aug. 6, 1966, crest-stage at same site and datum.

REMARKS.-- Records good, except for periods of estimated daily discharges, April 8 to June 11 and August 30 to September 3, which are poor. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--19 years, 76.9 ft^3/s, 17.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,800 ft^3/s, Feb. 24. 1979, gage height, 8.66 ft; minimum daily, 1.6 ft^3/s, Aug. 1, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 2	1100	719	5.70	July 28	2100	500	5.00
Feb. 6	0200	*839	*6.02				

Minimum daily, 6.1 ft^3/s, June 28 and July 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	32	47	29	123	59	24	13	13	77	60	60
2	21	27	38	29	618	55	23	30	13	113	53	70
3	21	24	52	86	327	48	23	110	14	53	38	57
4	19	30	45	112	161	27	23	45	14	31	26	43
5	17	27	154	99	381	12	22	12	13	28	21	20
6	16	26	151	81	697	19	64	13	14	37	18	16
7	16	23	101	68	371	25	52	12	250	48	16	14
8	16	21	70	63	220	22	45	12	70	31	18	13
9	15	21	54	53	204	9.5	35	13	15	22	21	13
10	15	21	46	45	135	9.2	20	150	13	16	24	14
11	14	36	44	42	108	9.2	20	80	13	13	23	15
12	13	33	43	38	112	35	21	45	11	11	22	15
13	13	30	39	34	123	53	22	14	9.4	9.6	18	14
14	13	27	37	32	114	40	24	14	7.7	10	16	12
15	13	25	35	31	87	8.6	25	13	9.5	9.4	14	11
16	13	25	35	31	58	8.2	20	14	68	8.4	13	11
17	13	25	34	84	41	8.6	17	15	38	7.9	15	11
18	16	25	33	78	49	8.1	17	12	29	6.6	25	9.9
19	18	26	32	66	52	8.0	17	12	20	6.1	30	9.9
20	18	27	32	58	138	8.4	17	12	14	6.2	24	9.7
21	18	26	32	46	160	10	15	12	12	6.2	21	9.4
22	18	35	32	38	129	14	17	70	10	6.5	35	9.8
23	20	39	32	35	103	11	25	45	8.7	44	50	9.6
24	20	35	30	33	86	15	37	11	7.7	140	47	11
25	19	30	30	32	76	26	25	11	7.2	298	45	11
26	18	27	29	31	68	28	16	11	8.6	218	42	9.8
27	18	28	28	30	74	26	17	11	7.0	145	39	8.7
28	19	60	28	34	64	26	18	25	6.1	365	34	7.9
29	22	66	29	37	---	26	17	13	6.5	328	30	7.3
30	23	56	29	35	---	25	15	28	43	155	42	7.2
31	35	---	29	99	---	25	---	13	---	91	45	---
TOTAL	549	933	1450	1609	4879	704.8	733	891	765.4	2340.9	925	530.2
MEAN	17.7	31.1	46.8	51.9	174	22.7	24.4	28.7	25.5	75.5	29.8	17.7
MAX	35	66	154	112	697	59	64	150	250	365	60	70
MIN	13	21	28	29	41	8.0	15	11	6.1	6.1	13	7.2

CAL YR 1984	TOTAL	28011.3	MEAN	76.5	MAX	574	MIN	6.7
WTR YR 1985	TOTAL	16310.3	MEAN	44.7	MAX	697	MIN	6.1

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC

LOCATION.--Lat 33°48'38", long 80°52'02", Richland County, Hydrologic Unit 03050110, on left bank at the southeast boundary of the Congaree Swamp National Monument, and at mile 152.9.

DRAINAGE AREA.--8,290 mi², approximately.

PERIOD OF RECORD.--April 1981 to current year.

GAGE.--Water-stage recorders. Datum of gage is 90.84 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Flow regulated by Lake Murray (see sta 02168500) on the Saluda River, and to some extent, at low and medium flow, by powerplants on the Broad River. Above about 25,000 ft³/s bankfull capacity is exceeded, and flow spills into the flood plain. Therefore, daily mean discharge records above 25,000 ft³/s are rated poor.

Water year 1981: Estimated daily discharges: Apr. 30 to May 2, May 6-7, 10-13, 15, 18-19, 24-25, June 18-19, 23, 27-30, July 1-3, 11-13, 16-26, 30-31, Aug. 6, 14-15, 22-31, and Sept. 1-3, 21, 25-26. Records poor.

Water year 1982: Records good except for estimated daily discharges, Oct. 4, 18, Dec. 23 to Jan. 7, and June 2-16, which are poor.

Water year 1983: Records good except for estimated daily discharges, Jan. 13-18, Feb. 5 to May 16, May 19 to June 23, July 6 to Aug. 1, and Aug. 19 to Sept. 29, which are poor.

Water year 1984: Estimated daily discharges: Dec. 24 to Jan. 18, Jan. 20-23. Records poor.

Water year 1985: No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jan. 6, gage height, 18.15 ft; minimum daily, 1200 ft³/s, Sept. 21, 1981 and Oct. 18, 1981.

EXTREMES FOR CURRENT PERIOD.--April to September 1981: maximum discharge, 13,200 ft³/s, Sept. 9, gage height, 11.44 ft; minimum daily, 1200 ft³/s Sept. 21.

Water year 1982: Maximum discharge, undetermined, Jan. 6, gage height, 18.15 ft; minimum daily, 1200 ft³/s, Oct. 18.
Water year 1983: Maximum discharge, undetermined, gage height, undetermined; minimum daily, 1710 ft³/s, Oct. 4.
Water year 1984: Maximum discharge, 46,700 ft³/s, Dec. 9, gage height, 17.77 ft; minimum daily, 1750 ft³/s, Nov. 7.
Water year 1985: Maximum discharge, 34,900 ft³/s, Feb. 7, gage height, 17.23 ft; minimum daily, 1520 ft³/s, July 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							---	3000	7680	1850	3840	2250
2							---	2980	5870	2450	5730	3800
3							---	3710	6150	3150	6370	5800
4							---	3840	6650	6520	6540	7880
5							---	4210	6870	7030	6060	7520
6							---	3200	7800	5750	3300	2730
7							---	3000	6580	4010	3390	2700
8							---	4240	6120	8920	3840	3450
9							---	4620	5540	4860	5060	10000
10							---	3400	3500	5470	4630	7460
11							---	2600	3620	2450	3440	5890
12							---	2450	4490	2050	4790	7090
13							---	2850	5170	3100	4440	3370
14							---	3900	4780	7340	3480	2720
15							---	3520	4280	3990	3100	7540
16							5190	4980	3270	2700	2450	7340
17							3830	4830	3360	2600	3860	5570
18							3190	3180	2850	2300	3830	2400
19							4870	3350	2300	2450	3580	1810
20							5170	3760	3270	2650	5000	1930
21							4080	4140	4020	5590	3660	1200
22							5870	3710	3900	2680	2250	2600
23							5890	3520	2730	1650	2000	2550
24							5820	2900	4860	2000	2100	2740
25							5050	2670	3210	2550	1700	1600
26							4190	3680	3380	2800	1820	1400
27							4560	3730	2720	3340	2000	1750
28							4740	3120	2050	4090	2620	2050
29							3850	4060	1700	4040	3200	4930
30							3120	7220	1560	2230	2500	2230
31							---	7380	---	2400	1600	---
TOTAL							---	117750	130280	115010	112180	122300
MEAN							---	3798	4343	3710	3619	4077
MAX							---	7380	7800	8920	6540	10000
MIN							---	2450	1560	1650	1600	1200

02169625 CONGAREE RIVER WEST OF WISE LAKE, NEAR GADSDEN, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2650	3860	2700	23100	7430	17500	5950	14800	7340	5990	8040	3360
2	6110	2180	4390	35000	7060	23600	5830	10400	14000	3760	9390	3230
3	2720	2630	4570	46000	11600	24800	5430	8050	16800	4080	10200	7100
4	1350	2150	4860	48000	27100	22400	5440	7710	14500	3220	8240	5450
5	1960	5450	4790	66000	32900	20700	5040	7580	17100	3830	8360	4240
6	2100	4230	3400	75000	37600	14900	6590	9590	16000	3440	7540	2680
7	4950	3980	3400	73000	32100	11000	6370	8300	12000	3310	5620	3010
8	2630	3310	3780	43300	25400	13800	6320	6800	8820	3060	5040	1990
9	2480	2400	2650	33900	20400	18900	6310	6670	9200	3010	5280	1530
10	2350	2990	2730	25700	15200	15600	7710	5560	8000	3720	10400	1850
11	2170	3680	5490	15800	14300	13100	7820	4520	6000	4990	6390	2050
12	3060	3640	3940	21100	15400	13300	7370	4850	4900	3560	7760	3170
13	2910	4410	2700	16900	16600	10600	6210	7870	5850	5190	7140	2800
14	2300	4140	2570	13000	11500	9090	6440	8270	6200	6210	11100	3660
15	2660	4010	5070	11100	8890	6370	6090	4740	7000	7470	7800	3180
16	2220	3040	9260	9560	13500	7900	6410	4310	9950	9750	5960	7190
17	1760	2670	13000	8310	21200	9400	6950	3680	10300	9380	6920	8050
18	1200	2750	15200	8260	28800	10800	7320	3730	8410	7750	6940	3380
19	2130	2730	8530	8960	31400	12300	7700	4210	5410	8700	4880	2400
20	2710	3210	6740	10500	25000	9980	7680	4960	6120	11500	6770	2420
21	2840	3390	6380	13700	16100	8960	8620	4780	5900	8340	10500	2540
22	2180	3160	6190	18400	12400	8630	8270	5380	6410	11800	8610	3450
23	2510	3130	5800	23800	13000	8710	6670	5360	6910	9620	5410	2470
24	2080	2390	3900	22900	10500	8320	6120	6440	8140	5320	10600	2460
25	1910	2040	3000	24000	7880	8480	5510	7460	8100	4300	11000	2220
26	3190	2670	7100	25000	9930	8710	6410	6560	7530	6530	9970	2230
27	5830	2480	10700	25000	18000	8290	10200	7670	6400	10200	4120	2630
28	5730	2190	10800	22200	15600	7410	18800	10900	5600	6380	7030	2410
29	7250	2980	10100	16600	---	7030	22800	9040	5580	5050	3940	6300
30	6960	2300	9400	11300	---	5470	19000	11800	6110	4300	2540	2860
31	5880	---	10500	8700	---	5130	---	7810	---	3740	4360	---
TOTAL	98780	94190	193640	804090	506790	371180	243380	219800	260580	187500	227850	102310
MEAN	3186	3140	6246	25940	18100	11970	8113	7090	8686	6048	7350	3410
MAX	7250	5450	15200	75000	37600	24800	22800	14800	17100	11800	11100	8050
MIN	1200	2040	2570	8260	7060	5130	5040	3680	4900	3010	2540	1530

WTR YR 1982 TOTAL 3310090 MEAN 9069 MAX 75000 MIN 1200

SANTEE RIVER BASIN

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1820	2420	5110	7530	11300	18000	22300	8740	8000	4780	2700	5250
2	2080	2520	13800	8350	12800	19000	19100	9110	7000	6730	2450	4400
3	1790	2540	8800	16700	22900	15000	18100	12900	6400	6750	3150	2800
4	1710	2930	8330	23500	30700	12000	21500	10700	7000	6710	3670	2700
5	3880	5120	6480	24500	36000	11000	24800	7310	7400	7970	5410	3500
6	9560	6010	6020	19500	26000	12000	22200	10300	6800	8200	5350	4500
7	9160	6320	6110	13300	14500	16000	19400	10600	7600	7200	3020	5600
8	6950	5540	9880	9720	24000	21000	19900	8170	7200	6500	2890	6000
9	3380	2920	7830	7540	27500	24800	32000	7430	7800	6400	3900	5400
10	5560	2790	9050	7680	19900	21000	44000	7970	8200	6000	3090	3900
11	3690	2880	7800	7720	22000	24800	45000	7460	7200	5800	8390	2800
12	6650	2830	7690	8320	20000	20000	42000	7100	6400	6300	10800	3800
13	6270	4020	18100	11500	19000	16000	39000	6460	6000	6200	9630	4900
14	4000	3790	22400	11800	18000	11000	29500	6770	6200	6800	6240	6200
15	5440	4030	20800	9000	24000	11000	26000	6700	6800	6200	2650	4100
16	5130	4030	14500	7000	38500	12000	22800	6420	8200	6000	1810	3900
17	4260	4550	15700	5200	41500	19000	21000	7540	9000	5800	2750	4150
18	2980	3310	25500	5300	27000	21000	17400	7320	9200	6600	7280	4300
19	2520	3260	25000	10600	19000	53000	21800	7600	10000	8000	8000	3950
20	2700	4280	18100	14000	14000	52000	20800	8400	7800	9600	8600	3550
21	2680	3670	12500	13500	15000	41500	21400	9400	8000	9000	6800	2900
22	2600	3650	11400	11200	16000	35000	17200	11000	8200	9000	7800	2200
23	2670	4050	13600	17200	18000	34000	12700	12000	5800	9200	8600	2250
24	2480	4250	9050	22300	23000	28500	9780	14000	5140	6800	7400	2500
25	2540	3910	7450	26500	29000	30000	10100	12000	4970	5200	5000	2800
26	2600	3170	6830	26600	22000	26000	19800	10000	4770	4100	3200	3000
27	2900	3320	2980	20200	19000	20500	18600	8400	5840	4300	3000	3300
28	3550	3200	4310	23200	16000	19000	15800	7400	7600	4700	3800	3800
29	4670	3290	6360	24500	---	27000	14600	7400	5330	5000	4200	4500
30	4540	3680	7210	19400	---	33000	10800	7200	3950	4700	5400	5310
31	2830	---	7980	11400	---	28000	---	7600	---	3200	6400	---
TOTAL	123590	112280	346670	444760	626600	732100	679380	271400	209800	199740	163380	118260
MEAN	3987	3743	11180	14350	22380	23620	22650	8755	6993	6443	5270	3942
MAX	9560	6320	25500	26600	41500	53000	45000	14000	10000	9600	10800	6200
MIN	1710	2420	2980	5200	11300	11000	9780	6420	3950	3200	1810	2200

CAL YR 1982	TOTAL	3506020	MEAN	9606	MAX	75000	MIN	1530
WTR YR 1983	TOTAL	4027960	MEAN	11040	MAX	53000	MIN	1710

SANTEE RIVER BASIN

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4070	4070	5330	10500	11500	27700	26600	13300	19000	7010	18000	11800
2	3710	2510	5170	11100	12200	30900	18400	9700	14000	7310	20500	5110
3	3880	4240	5050	8200	12500	27200	18500	13600	9350	6780	23900	6380
4	7760	2320	7310	12000	13000	21400	19300	21700	7900	13300	19400	8180
5	8750	1920	14900	16100	8620	14600	21700	30300	11000	8300	16800	9280
6	7560	1790	25200	10400	6850	20100	20200	31700	10300	9200	12300	4560
7	3430	1750	32200	7250	14000	29900	17200	32400	11500	7600	16800	5480
8	2700	3520	40700	7000	14600	34300	11900	34400	11100	10000	14500	4740
9	2630	4790	44800	7200	13500	32100	10600	31900	8330	6800	12100	3870
10	2850	2570	35300	6850	13200	25700	22300	32600	6360	6160	12900	2800
11	2440	1820	24200	8350	10500	20500	27300	29600	5930	5570	11800	4720
12	2490	1990	23900	22000	7770	15100	29300	22800	10000	9140	7460	4200
13	6630	1870	29100	46000	6800	14000	27400	17100	8480	6110	8420	8000
14	3270	3010	32800	34000	13200	14600	19800	12200	7860	6730	8080	4180
15	2120	3670	32600	15500	29000	22100	12500	18900	6250	8270	10300	8130
16	2000	5300	27800	9300	37300	17200	10400	13200	5810	8150	11900	3610
17	3880	5180	23400	7650	40100	11500	11100	9580	4340	7400	9340	2220
18	5700	2460	16700	12200	30900	8950	13300	8590	4890	14300	9490	4340
19	3170	3910	11200	21500	19000	8040	13600	8180	5940	10200	6510	5870
20	4640	3660	13400	27500	12600	14600	13500	7570	5610	15500	6860	5870
21	5360	2500	12800	31000	10800	14700	11400	8350	6720	19900	7550	6050
22	2350	5380	13700	21500	12600	12800	9540	12500	6790	14100	6370	4390
23	5610	4070	10400	16200	18000	12200	10000	7990	6400	12600	6700	3260
24	5010	2510	7400	18600	23000	10300	15000	8330	6580	17000	7440	3170
25	4770	6130	11500	16000	25100	8830	17000	9850	6390	16600	5730	6940
26	4490	6840	21000	12000	23000	13900	22300	12800	6280	15500	4660	3860
27	3860	12000	6100	13500	18900	14600	15400	11700	6190	10900	5810	2390
28	3570	7980	12000	12800	27200	14400	15600	7550	6200	11200	9930	3350
29	3470	6880	9100	10400	29700	18100	10100	10900	6620	8960	11200	4190
30	3390	6490	9500	10700	---	29700	7560	24700	7220	10400	11700	4070
31	3590	---	15000	14800	---	32500	---	24600	---	16400	12400	---
TOTAL	129150	123130	579560	478100	515440	592520	498800	538590	239340	327390	346850	155010
MEAN	4166	4104	18700	15420	17770	19110	16630	17370	7978	10560	11190	5167
MAX	8750	12000	44800	46000	40100	34300	29300	34400	19000	19900	23900	11800
MIN	2000	1750	5050	6850	6800	8040	7560	7550	4340	5570	4660	2220

CAL YR 1983	TOTAL	4277260	MEAN	11720	MAX	53000	MIN	1750
WTR YR 1984	TOTAL	4523880	MEAN	12360	MAX	46000	MIN	1750

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3530	6020	6040	5360	5660	12600	4770	3940	3070	2050	7010	9150
2	2440	5350	5160	5210	15800	12800	4210	3430	2570	2130	6280	6780
3	3460	4770	5260	3360	28800	8480	4750	4380	2080	2930	4230	7360
4	5490	3210	5780	9950	32100	7030	5290	4300	1670	3680	4780	10800
5	5540	2810	8430	15000	32500	7410	4190	3860	2500	4300	3950	9280
6	4750	3420	8570	14800	33300	7050	3940	3610	2920	2750	2230	6130
7	3450	4320	11700	14200	34500	7490	2650	3680	3010	3000	2580	5140
8	2130	4590	17100	12200	33500	7240	4820	4850	2560	2670	3100	9210
9	2600	4550	13300	10700	26500	5500	5630	5750	2590	3310	3530	5620
10	4680	3590	10000	8960	17500	6270	4750	4080	3240	2460	3360	7840
11	4930	3390	5110	6250	13800	7030	5140	3910	4660	1530	4610	9180
12	3770	3140	4450	4490	16200	6770	2750	4230	4250	1900	3990	7450
13	2860	3780	5460	4850	20900	4810	3020	3660	2470	2290	7580	3350
14	2040	7740	4270	8490	14500	5470	5160	4780	1620	1600	6420	3210
15	1940	6950	5120	5410	15900	6100	4770	7310	2110	2400	7450	3370
16	3530	4950	6400	5020	14100	5350	3620	3360	3540	3550	4270	2910
17	5040	4300	4960	7330	13900	4490	4650	2620	3300	3020	3640	2920
18	6020	3660	3260	7990	12600	6340	5230	3840	2140	2830	5600	2820
19	4660	3620	4000	7050	13900	8950	11500	4360	2530	3710	23600	2810
20	6110	4060	3850	4310	11400	8140	7050	4290	2410	3100	30000	3350
21	3590	8680	3840	4840	11500	4180	3090	4330	2570	1980	24900	2980
22	2540	7980	3920	13100	10800	5110	3080	4200	2290	1520	18200	2630
23	4000	5240	4160	12900	9100	6760	10000	4350	1740	2580	9540	1570
24	6420	3770	5300	6940	6710	5170	5580	2510	1540	2310	6750	2090
25	8990	3640	5460	2960	6520	5250	3980	2240	2270	3290	8210	2360
26	10300	3710	4400	5010	7640	6200	3880	2060	2760	5870	10500	3810
27	6750	3710	2600	5580	8540	4370	4400	1670	2570	8090	19100	2960
28	6090	3580	2900	2920	12600	4550	4160	2120	1610	7050	15100	3600
29	4870	5780	2720	4700	---	6160	3730	3030	2370	5790	11200	2710
30	9130	8010	3750	5400	---	3550	4410	3470	4150	5850	15800	1960
31	9270	---	5270	3600	---	3680	---	4600	---	13500	16700	---
TOTAL	150920	142320	182540	228880	480770	200300	144200	118820	79110	113040	294210	145350
MEAN	4868	4744	5888	7383	17170	6461	4807	3833	2637	3646	9491	4845
MAX	10300	8680	17100	15000	34500	12800	11500	7310	4660	13500	30000	10800
MIN	1940	2810	2600	2920	5660	3550	2650	1670	1540	1520	2230	1570

CAL YR 1984	TOTAL	4167820	MEAN	11390	MAX	46000	MIN	1940
WTR YR 1985	TOTAL	2280460	MEAN	6248	MAX	34500	MIN	1520

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, SC

LOCATION.--Lat 33°44'12", long 80°57'30", Calhoun County, Hydrologic Unit 03050110, on right downstream wingwall of culvert on U.S. Highway 21, 0.1 mi downstream from Rock Branch, 11.6 mi northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 mi^2.

PERIOD OF RECORD.--July 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 164.21 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges, Apr. 26 to May 2, May 6-9, May 26 to June 6, July 31 to Sept. 16, which are poor.

AVERAGE DISCHARGE.--19 years, 13.8 ft^3/s, 18.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft^3/s, July 29, 1971, from rating extended above 210 ft^3/s, gage height 6.66 ft; minimum daily, 4.5 ft^3/s, May 25, 26, July 15, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 100 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 6	0345	*74	*3.21	No other peak greater than base discharge.			

Minimum discharge, 6.4 ft^3/s, Sept. 18; minimum gage height, 0,77, Sept. 27.
Minimum daily, 6.4 ft^3/s Sept. 28.

DISCHARGE, IN CUBIC FEET PER SECOND , WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	11	12	11	13	12	10	8.3	8.0	12	8.0	9.3
2	12	12	12	12	25	12	10	8.4	8.0	11	7.6	7.7
3	12	11	14	26	17	12	9.9	9.7	7.8	8.8	7.4	7.2
4	12	11	12	22	14	12	9.9	8.8	7.6	8.5	7.4	6.8
5	12	12	19	16	32	12	9.8	8.4	7.5	9.8	7.2	6.8
6	12	11	17	13	54	12	14	8.2	7.4	9.0	7.0	6.8
7	11	11	14	13	23	12	11	8.0	9.6	8.5	7.2	6.8
8	11	11	13	12	18	12	9.9	8.1	11	8.2	7.8	6.8
9	11	11	13	12	16	12	9.6	8.3	8.7	7.9	8.2	6.8
10	11	11	12	12	15	12	9.5	9.5	8.1	7.7	8.2	6.6
11	11	13	12	12	15	12	9.6	11	8.5	7.6	7.8	6.8
12	11	12	12	12	17	12	9.6	9.2	9.5	7.6	7.8	6.8
13	11	11	12	12	15	11	9.6	8.5	7.6	7.6	7.4	6.8
14	11	11	12	12	14	11	9.8	8.4	7.1	10	7.2	6.7
15	11	11	12	12	14	11	9.8	8.4	7.8	13	7.0	6.6
16	11	11	12	11	13	11	9.7	8.5	15	9.0	7.1	6.6
17	11	11	12	14	13	12	9.3	8.2	9.9	8.4	7.6	6.6
18	12	11	12	13	13	11	9.4	8.1	8.4	8.0	8.2	6.6
19	11	12	12	12	13	11	8.9	7.9	8.2	7.8	8.0	6.6
20	11	11	12	11	18	11	8.7	8.0	7.8	7.7	7.4	6.5
21	12	11	12	11	15	12	8.6	8.2	7.4	7.6	10	6.6
22	12	11	12	11	13	14	8.6	13	7.3	11	12	6.7
23	12	11	12	11	13	12	8.6	19	7.3	14	9.5	6.6
24	12	11	12	11	13	12	8.6	9.6	7.2	12	7.3	6.9
25	11	11	12	11	13	11	8.6	8.5	7.3	13	8.4	6.8
26	11	11	11	11	13	11	8.3	8.4	7.1	11	8.7	6.7
27	11	11	12	11	14	11	7.9	7.8	7.0	9.9	8.2	6.6
28	11	14	12	11	13	11	7.6	7.4	7.0	15	7.6	6.4
29	13	13	12	11	---	11	7.6	7.5	7.3	20	8.3	6.5
30	12	12	12	11	---	10	8.0	7.6	25	14	10	6.5
31	11	---	12	14	---	10	---	7.8	---	10	11	---
TOTAL	360	342	389	394	479	358	280.4	276.7	263.4	315.6	252.5	204.5
MEAN	11.6	11.4	12.5	12.7	17.1	11.5	9.35	8.93	8.78	10.2	8.15	6.82
MAX	17	14	19	26	54	14	14	19	25	20	12	9.3
MIN	11	11	11	11	13	10	7.6	7.4	7.0	7.6	7.0	6.4

CAL YR 1984	TOTAL	6312	MEAN	17.2	MAX	95	MIN	11
WTR YR 1985	TOTAL	3915.1	MEAN	10.7	MAX	54	MIN	6.4

02169670 CEDAR CREEK BELOW MYERS CREEK NEAR HOPKINS, SC

LOCATION.--Lat 33°50'23", long 80°51'38", Richland County, Hydrologic Unit 03050110, 4.5 miles south of Hopkins and on left bank 150 ft below Nyers creek.

DRAINAGE AREA.--66.9 mi², approximately.

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

GAGE.--Water-stage recorders. Datum of gage is 100.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--This station is located in the Congaree River flood plain. When extremely high flow conditions exist on the Congaree River flow at this station is effected by backwater.

Water year 1981: Records fair except for estimated daily discharges, June 7-9, which are poor.

Water year 1982: Records fair except for estimated daily discharges, Jan. 5-8, Nov. 9 to Dec. 6, Dec. 11-27, May 31 to June 17, June 27 to Aug. 4, which are poor.

Water year 1983: Records good except for estimated daily discharges, Feb. 16 to May 17, which are poor.

Water year 1984: No estimated daily discharges. Records good.

Water year 1985: Estimated daily discharges: July 30 to Sept. 17. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, undetermined; minimum daily, 4.2 ft³/s, Aug. 30, 1982.

EXTREMES FOR CURRENT YEAR.--November to September 1981: maximum discharge, 194 ft³/s, Aug. 20, gage height, 4.63 ft; minimum daily, 7.3 ft³/s, April 20.

Water year 1982: Maximum discharge, undetermined, Jan. 6, gage height, 7.66 ft; minimum daily, 4.2 ft³/s, Aug. 30.
Water year 1983: Maximum discharge, undetermined, gage height, undetermined; minimum daily, 9.1 ft³/s, Aug. 24.
Water year 1984: Maximum discharge, 390 ft³/s, Dec. 9, gage height, 6.50 ft; minimum daily, 15 ft³/s, Sept. 16.
Water year 1985: Maximum discharge, 239 ft³/s, Feb. 6, gage height, 5.25 ft; minimum daily, 5.2 ft³/s, May 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	46	55	37	41	51	20	48	17	62	34
2		---	44	48	45	45	62	19	60	23	75	31
3		---	42	45	50	47	64	19	80	30	90	28
4		---	40	42	49	45	56	18	130	38	88	24
5		---	39	39	46	55	50	18	69	40	66	24
6		---	39	37	43	60	47	18	49	35	45	25
7		---	39	40	42	57	44	22	41	31	34	25
8		---	39	42	43	50	41	32	34	28	28	25
9		---	39	41	42	45	39	32	30	25	31	28
10		---	44	40	44	43	37	31	27	22	55	30
11		---	51	39	114	41	36	29	24	21	57	29
12		---	53	37	140	40	26	28	30	31	52	27
13		34	50	35	145	39	10	25	71	26	47	26
14		34	47	43	114	38	9.2	22	88	25	38	24
15		37	44	45	85	37	8.8	20	53	23	32	24
16		45	42	39	68	36	8.4	19	32	22	32	23
17		51	41	36	61	35	16	18	23	34	88	22
18		54	40	34	60	37	20	18	20	33	131	22
19		53	39	34	69	54	15	18	27	30	161	22
20		48	38	34	75	56	7.3	17	60	25	187	22
21		46	37	50	71	51	15	18	66	21	156	21
22		43	44	57	63	48	17	18	64	18	116	21
23		41	64	42	56	62	24	17	46	17	79	20
24		44	59	38	51	69	37	16	33	16	61	20
25		51	57	36	48	67	36	15	26	16	50	20
26		54	52	36	46	58	32	15	23	20	44	19
27		55	49	35	44	50	28	16	22	22	38	19
28		56	52	38	42	46	25	19	20	26	35	19
29		53	73	56	---	42	22	23	18	25	33	18
30		49	101	44	---	42	21	23	17	22	36	13
31		---	68	38	---	45	---	23	---	22	38	---
TOTAL		---	1512	1275	1793	1481	904.7	646	1331	784	2085	705
MEAN		---	48.8	41.1	64.0	47.8	30.2	20.8	44.4	25.3	67.3	23.5
MAX		---	101	57	145	69	64	32	130	40	187	34
MIN		---	37	34	37	35	7.3	15	17	16	28	13

02169670 CEDAR CREEK BELOW MYERS CREEK NEAR HOPKINS, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	30	43	184	69	123	46	104	48	34	70	5.5
2	17	30	50	192	71	108	51	81	60	32	68	12
3	17	29	54	190	82	90	61	78	80	31	64	21
4	18	29	50	257	109	80	63	80	100	38	56	26
5	18	30	47	290	126	73	60	60	130	35	58	18
6	15	30	40	310	240	69	63	70	150	30	62	12
7	16	29	32	330	154	81	62	79	170	32	67	11
8	17	29	32	300	82	104	65	71	140	34	56	14
9	15	29	30	216	71	112	79	53	110	35	48	16
10	18	30	29	101	74	94	84	48	80	38	48	19
11	21	30	32	77	78	80	72	59	64	36	43	31
12	23	30	32	69	78	72	60	43	70	39	38	45
13	22	30	32	67	89	66	52	37	68	43	41	48
14	22	31	35	81	93	63	49	32	66	54	26	41
15	22	30	68	101	91	61	48	29	64	80	25	34
16	21	32	82	117	90	75	47	36	60	120	42	30
17	21	31	88	112	144	85	48	42	54	140	29	27
18	21	32	98	93	169	81	56	33	44	150	31	29
19	21	32	96	82	152	70	55	31	41	120	25	44
20	21	33	70	76	130	61	63	37	37	100	22	59
21	21	33	62	76	109	59	77	50	33	90	34	59
22	21	33	58	76	93	60	74	40	38	70	33	52
23	23	33	56	79	80	57	61	35	59	60	34	45
24	25	33	60	97	72	55	50	32	83	45	28	38
25	29	34	76	110	67	55	49	35	71	48	21	33
26	35	33	90	102	64	56	84	38	51	50	5.3	33
27	44	34	105	85	80	53	143	52	47	49	4.3	35
28	42	35	100	74	111	49	167	54	43	47	4.3	34
29	37	34	93	67	---	47	172	41	40	45	4.3	32
30	34	37	79	63	---	46	144	37	37	48	4.2	35
31	31	---	110	62	---	46	---	46	---	60	4.3	---
TOTAL	723	945	1929	4136	2868	2231	2205	1563	2138	1833	1095.7	938.5
MEAN	23.3	31.5	62.2	133	102	72.0	73.5	50.4	71.3	59.1	35.3	31.3
MAX	44	37	110	330	240	123	172	104	170	150	70	59
MIN	15	29	29	62	64	46	46	29	33	30	4.2	5.5

CAL YR 1981	TOTAL	14601.7	MEAN	40.0	MAX	187	MIN	7.3
WTR YR 1982	TOTAL	22605.2	MEAN	61.9	MAX	330	MIN	4.2

SANTEE RIVER BASIN

02169670 CEDAR CREEK BELOW MYERS CREEK NEAR HOPKINS, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	31	59	99	64	150	200	110	34	45	26	20
2	30	31	66	100	96	145	180	100	33	55	24	23
3	28	32	64	115	147	145	150	90	32	42	27	30
4	26	39	55	123	148	130	140	84	31	43	33	30
5	25	50	48	103	122	120	145	84	33	101	32	27
6	25	63	49	86	98	110	160	86	38	160	32	25
7	23	63	47	78	96	105	150	90	72	148	33	24
8	24	51	44	69	98	120	150	82	128	101	32	23
9	32	44	41	65	86	135	160	74	129	61	31	24
10	37	40	39	69	77	150	170	68	89	46	30	26
11	37	38	44	75	91	170	180	64	59	39	28	27
12	35	38	106	84	104	160	200	60	47	36	27	24
13	37	44	137	70	97	130	230	58	40	41	26	24
14	52	44	133	61	149	120	220	54	37	47	24	63
15	59	44	97	54	192	100	200	52	36	48	23	68
16	56	38	91	50	250	96	180	48	34	69	22	57
17	45	33	94	48	220	105	160	47	33	51	22	42
18	38	34	95	46	170	120	140	45	32	54	22	35
19	34	36	79	45	140	150	135	44	31	43	21	31
20	32	36	67	43	120	180	135	45	30	48	21	33
21	31	37	61	54	125	210	145	45	30	33	21	49
22	32	37	56	97	130	240	140	43	30	28	19	60
23	33	37	52	132	135	270	135	42	30	25	14	53
24	32	37	49	125	140	230	130	40	29	24	9.1	43
25	34	35	47	100	150	200	120	38	28	24	12	37
26	36	34	46	81	180	190	110	42	27	26	37	33
27	35	36	45	72	170	170	105	38	27	25	30	31
28	33	36	44	79	160	165	120	36	27	25	23	29
29	32	37	57	85	---	170	120	35	32	24	31	28
30	31	42	79	80	---	180	115	37	43	29	40	28
31	30	---	105	70	---	220	---	35	---	36	25	---
TOTAL	1066	1197	2096	2458	3755	4886	4625	1816	1301	1577	797.1	1047
MEAN	34.4	39.9	67.6	79.3	134	158	154	58.6	43.4	50.9	25.7	34.9
MAX	59	63	137	132	250	270	230	110	129	160	40	68
MIN	23	31	39	43	64	96	105	35	27	24	9.1	20

WTR YR 1983 TOTAL 26621.1 MEAN 72.9 MAX 270 MIN 9.1

02169670 CEDAR CREEK BELOW MYERS CREEK NEAR HOPKINS, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	32	51	90	82	211	146	28	149	94	123	46
2	27	31	48	79	75	144	124	48	121	73	157	42
3	27	31	64	72	71	106	111	78	98	60	189	39
4	26	32	109	68	71	92	109	113	81	52	164	38
5	26	32	131	66	74	85	144	123	64	47	129	38
6	29	32	143	65	74	93	166	113	59	41	98	37
7	29	32	146	64	68	118	143	133	55	38	78	36
8	30	33	248	62	64	171	119	182	51	38	64	35
9	33	33	372	60	61	177	105	142	46	37	55	34
10	38	33	240	72	59	105	100	117	44	36	50	34
11	40	33	111	106	58	90	96	107	42	34	47	35
12	38	33	177	127	57	81	92	75	40	31	46	35
13	36	33	202	220	67	99	87	65	39	46	44	34
14	35	33	182	167	191	127	82	59	37	50	42	33
15	36	43	165	85	224	130	85	54	33	65	41	21
16	35	52	125	75	252	112	85	50	33	68	41	15
17	33	56	105	71	345	95	80	48	33	51	52	17
18	33	53	92	74	179	80	74	46	31	58	48	28
19	32	47	85	110	112	75	71	44	31	79	44	31
20	31	49	79	135	86	75	84	41	30	82	55	33
21	30	57	76	131	82	102	105	40	30	71	54	32
22	30	60	83	111	82	122	113	39	36	76	48	30
23	38	58	91	91	90	116	124	54	39	109	50	29
24	47	57	92	84	100	94	145	132	39	105	185	28
25	53	72	82	101	101	168	137	237	37	76	196	28
26	49	78	71	117	90	235	111	174	35	85	144	28
27	44	75	64	129	110	204	92	143	31	92	97	28
28	39	67	70	136	176	178	66	137	33	183	73	27
29	36	62	88	130	186	206	33	150	56	211	62	31
30	34	56	105	111	---	202	30	207	111	184	56	32
31	33	---	106	94	---	178	---	181	---	152	51	---
TOTAL	1074	1395	3803	3103	3287	4071	3059	3160	1564	2424	2583	954
MEAN	34.6	46.5	123	100	113	131	102	102	52.1	78.2	83.3	31.8
MAX	53	78	372	220	345	235	166	237	149	211	196	46
MIN	26	31	48	60	57	75	30	28	30	31	41	15

CAL YR 1983	TOTAL	28534.1	MEAN	78.2	MAX	372	MIN	9.1
WTR YR 1984	TOTAL	30477	MEAN	83.3	MAX	372	MIN	15

SANTEE RIVER BASIN

02169670 CEDAR CREEK BELOW MYERS CREEK NEAR HOPKINS, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	43	46	41	65	51	42	5.2	22	46	110	165
2	47	41	44	42	108	54	40	5.3	21	64	80	110
3	42	39	48	63	143	58	38	7.4	20	70	45	90
4	39	40	48	92	137	53	37	10	19	44	35	60
5	37	40	62	99	134	49	36	11	18	57	32	40
6	35	39	82	81	211	38	43	19	17	105	29	30
7	33	38	86	61	227	36	48	23	19	90	25	28
8	28	38	72	51	184	37	55	26	32	52	24	29
9	30	37	56	47	141	39	65	35	30	37	25	29
10	31	37	49	47	114	41	45	23	26	32	29	28
11	35	42	45	44	98	42	40	32	24	33	50	28
12	34	44	43	41	95	42	38	38	24	40	45	29
13	33	43	43	39	94	42	54	36	22	37	39	30
14	33	41	43	38	87	42	46	33	20	32	25	31
15	33	40	43	39	76	41	40	34	18	34	22	31
16	33	40	42	39	68	40	40	31	35	27	23	29
17	34	39	42	45	63	42	39	28	43	23	23	28
18	37	39	42	53	59	41	38	28	39	22	27	29
19	39	39	42	65	56	40	42	26	38	21	37	29
20	39	39	43	59	77	39	49	26	33	20	45	27
21	40	39	51	46	106	40	35	24	29	20	52	27
22	40	38	42	41	109	52	32	25	25	19	58	26
23	39	38	38	40	92	60	29	28	23	30	50	26
24	39	38	38	40	83	67	28	26	22	40	45	26
25	38	37	39	41	89	91	31	25	21	48	50	26
26	37	37	39	41	71	76	14	24	19	50	70	25
27	37	39	39	40	62	62	6.6	22	18	53	110	26
28	39	44	38	41	52	49	6.0	21	18	97	120	29
29	44	48	38	41	---	45	5.5	21	19	153	135	31
30	45	48	38	44	---	42	5.3	21	47	195	130	30
31	44	---	39	52	---	42	---	22	---	150	170	---
TOTAL	1162	1204	1460	1553	2901	1493	1067.4	735.9	761	1741	1760	1172
MEAN	37.5	40.1	47.1	50.1	104	48.2	35.6	23.7	25.4	56.2	56.8	39.1
MAX	48	48	86	99	227	91	65	38	47	195	170	165
MIN	28	37	38	38	52	36	5.3	5.2	17	19	22	25

CAL YR 1984	TOTAL	28031	MEAN	76.6	MAX	345	MIN	15
WTR YR 1985	TOTAL	17010.3	MEAN	46.6	MAX	227	MIN	5.2

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

LOCATION.--Lat 33°48'58", long 80°49'39", Richland County, Hydrologic Unit 03050110, 4.1 miles southwest of Gadsden and on left bank at Cedar Creek Hunt Club, 500 ft north of Wise Lake in the Congaree Swamp National Monument.

DRAINAGE AREA.--69.9 mi^2, approximately.

PERIOD OF RECORD.--November 1980 to November 1983, June 1985 to September 1985.

GAGE.--Water-stage recorder. Datum of gage is 93.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--This station is located in the Congaree River flood plain. When flood conditions exist on the Congaree River (discharge greater than about 25,000 ft^3/s at 02169625) varying degrees of backwater effect flow at this site, therefore, the daily mean discharge is not shown for Feb. 12-17, 1981, Jan. 2-15, 1982, Feb. 4 to Mar. 7, 1982, Dec. 19-22, 1982, Jan 24 to Apr. 23, 1983, July 26 to Aug. 5, 1983, and Aug. 20-24, 1985

Water year 1981: Records fair except for estimated daily discharges, Nov. 18 to Dec. 18, Aug. 17 to Sept. 21, which are poor.

Water year 1982: Records good except for estimated daily discharges, Jan. 1, Jan. 23 to Feb. 3, Apr. 28 to May 2 and Aug. 26 to Sept. 2, which are poor.

Water year 1983: Records fair except for estimated daily discharges, Dec. 14-18, Jan. 4-8, Apr. 27-28, May 24-25, which are poor.

Water year 1984: No estimated daily discharges. Records poor.

Water year 1985: Records fair except for estimated daily discharges, July 29 to Aug. 1, Aug. 27 to Sept. 3, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, undetermined; minimum daily, undetermined.

EXTREMES FOR CURRENT PERIOD.--April to September 1981: maximum discharge, undetermined, Feb. 14, gage height, 6.44 ft; minimum daily, undetermined.

Water year 1982: Maximum discharge, undetermined, Jan. 7, gage height, 10.59 ft; minimum daily, undetermined.
Water year 1983: Maximum discharge, undetermined, Mar. 20, gage height, 9.38 ft; minimum daily, undetermined.
Water year 1984: Maximum discharge, undetermined, gage height, undetermined; minimum daily, undetermined.
Water year 1985: Maximum discharge, undetermined, gage height, undetermined; minimum daily, undetermined.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	36	51	37	37	47	24	39	14	40	28
2		---	34	43	44	40	59	22	52	18	55	26
3		---	32	39	48	42	61	22	60	24	68	23
4		---	31	38	48	40	55	22	97	28	70	21
5		---	30	36	45	50	48	22	106	31	60	20
6		---	30	35	42	55	45	21	73	29	42	21
7		---	29	36	41	53	42	24	48	26	31	21
8		---	30	38	42	47	39	31	47	24	25	21
9		---	31	39	40	42	37	32	36	22	23	23
10		30	36	38	42	38	36	32	29	20	39	25
11		29	39	37	114	36	35	31	25	18	44	24
12		29	39	36	---	35	31	29	26	25	43	23
13		29	37	35	---	34	14	28	44	22	40	23
14		29	35	36	---	34	12	25	73	22	34	22
15		30	33	46	---	33	11	23	55	21	29	22
16		34	32	40	---	32	11	22	32	19	27	21
17		37	32	37	---	32	17	21	24	26	70	21
18		40	31	36	132	33	22	21	20	27	110	22
19		40	32	36	116	47	21	21	25	26	140	22
20		37	32	36	106	51	9.8	21	44	22	150	22
21		35	31	39	107	47	19	21	56	19	130	22
22		33	30	59	99	44	21	21	54	17	110	21
23		32	48	48	74	60	26	20	42	15	70	21
24		36	48	41	57	66	35	19	30	14	52	21
25		40	46	39	48	65	37	19	24	14	40	20
26		42	43	38	43	57	34	18	21	17	35	20
27		42	40	37	40	49	31	19	20	19	32	20
28		42	43	38	38	43	28	21	18	22	29	20
29		40	46	46	---	39	26	24	16	22	27	20
30		38	78	50	---	39	25	26	15	20	30	16
31		---	68	39	---	41	---	25	---	20	31	---
TOTAL		---	1182	1242	---	1361	934.8	727	1251	663	1726	652
MEAN		---	38.1	40.1	---	43.9	31.2	23.5	41.7	21.4	55.7	21.7
MAX		---	78	59	---	66	61	32	106	31	150	28
MIN		---	29	35	---	32	9.8	18	15	14	23	16

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	36	51	37	37	47	24	39	14	40	28
2		---	34	43	44	40	59	22	52	18	55	26
3		---	32	39	48	42	61	22	60	24	68	23
4		---	31	38	48	40	55	22	97	28	70	21
5		---	30	36	45	50	48	22	106	31	60	20
6		---	30	35	42	55	45	21	73	29	42	21
7		---	29	36	41	53	42	24	48	26	31	21
8		---	30	38	42	47	39	31	47	24	25	21
9		---	31	39	40	42	37	32	36	22	23	23
10		30	36	38	42	38	36	32	29	20	39	25
11		29	39	37	114	36	35	31	25	18	44	24
12		29	39	36	---	35	31	29	26	25	43	23
13		29	37	35	---	34	14	28	44	22	40	23
14		29	35	36	---	34	12	25	73	22	34	22
15		30	33	46	---	33	11	23	55	21	29	22
16		34	32	40	---	32	11	22	32	19	27	21
17		37	32	37	---	32	17	21	24	26	70	21
18		40	31	36	132	33	22	21	20	27	110	22
19		40	32	36	116	47	21	21	25	26	140	22
20		37	32	36	106	51	9.8	21	44	22	150	22
21		35	31	39	107	47	19	21	56	19	130	22
22		33	30	59	99	44	21	21	54	17	110	21
23		32	48	48	74	60	26	20	42	15	70	21
24		36	48	41	57	66	35	19	30	14	52	21
25		40	46	39	48	65	37	19	24	14	40	20
26		42	43	38	43	57	34	18	21	17	35	20
27		42	40	37	40	49	31	19	20	19	32	20
28		42	43	38	38	43	28	21	18	22	29	20
29		40	46	46	---	39	26	24	16	22	27	20
30		38	78	50	---	39	25	26	15	20	30	16
31		---	68	39	---	41	---	25	---	20	31	---
TOTAL		---	1182	1242	---	1361	934.8	727	1251	663	1726	652
MEAN		---	38.1	40.1	---	43.9	31.2	23.5	41.7	21.4	55.7	21.7
MAX		---	78	59	---	66	61	32	106	31	150	28
MIN		---	29	35	---	32	9.8	18	15	14	23	16

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	32	53	117			---	108	34	43	---	25
2	31	32	62	120			---	88	33	59	---	24
3	29	33	67	152			---	81	32	45	---	26
4	27	36	59	160			---	88	31	38	---	26
5	27	45	51	215			---	92	33	79	---	26
6	27	54	50	200			---	90	37	149	14	24
7	27	61	49	185			---	78	57	173	15	22
8	26	54	46	175			---	68	110	144	15	22
9	32	45	43	168			---	62	137	88	16	23
10	36	41	41	133			---	60	117	52	16	23
11	38	39	42	111			---	58	75	39	16	23
12	36	38	85	104			---	55	50	35	19	23
13	37	42	136	108			---	52	41	35	25	23
14	47	44	138	98			---	51	36	43	25	31
15	54	45	120	76			---	51	35	38	25	31
16	55	41	94	62			---	48	34	61	25	29
17	47	35	95	55			---	47	32	49	25	27
18	38	35	98	52			---	45	31	54	25	25
19	34	36	---	58			---	45	30	41	25	24
20	33	37	---	85			---	45	30	47	25	24
21	32	38	---	90			---	45	30	35	25	26
22	32	39	---	121			---	44	30	28	24	28
23	33	38	165	173			---	43	29	25	23	28
24	32	38	118	---			208	43	29	24	21	26
25	34	37	85	---			171	42	28	24	21	25
26	35	36	67	---			196	47	27	---	26	24
27	35	38	56	---			205	39	26	---	28	24
28	34	38	52	---			190	36	26	---	25	23
29	33	39	58	---			188	34	30	---	25	23
30	31	40	79	---			140	36	37	---	28	23
31	30	---	104	---			---	36	---	---	26	---
TOTAL	1076	1206	---	---			---	1757	1307	---	---	751
MEAN	34.7	40.2	---	---			---	56.7	43.6	---	---	25.0
MAX	55	61	---	---			---	108	137	---	---	31
MIN	26	32	---	---			---	34	26	---	---	22

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	24										
2	23	24										
3	23	24										
4	23	24										
5	23	24										
6	23	24										
7	23	24										
8	23	24										
9	24	24										
10	25	24										
11	25	24										
12	25	24										
13	25	24										
14	24	24										
15	24	---										
16	24	---										
17	24	---										
18	24	---										
19	24	---										
20	24	---										
21	24	---										
22	24	---										
23	25	---										
24	26	---										
25	28	---										
26	28	---										
27	27	---										
28	26	---										
29	25	---										
30	25	---										
31	24	---										
TOTAL	758	---										
MEAN	24.5	---										
MAX	28	---										
MIN	23	---										

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									---	30	120	155
2									---	37	93	120
3									---	52	43	94
4									---	35	29	80
5									---	34	26	39
6									---	70	24	30
7									---	110	23	28
8									---	47	22	27
9									---	28	23	26
10									---	25	28	26
11									---	25	41	26
12									---	26	33	27
13									---	27	30	28
14									21	29	26	28
15									20	32	21	27
16									24	26	21	26
17									28	23	21	25
18									28	22	26	25
19									28	21	36	24
20									27	21	---	24
21									25	20	---	24
22									24	20	---	24
23									22	23	---	23
24									21	26	---	23
25									21	31	51	23
26									20	32	63	23
27									19	39	100	23
28									19	114	110	24
29									19	135	90	25
30									29	210	96	25
31									---	190	140	---
TOTAL									---	1560	---	1122
MEAN									---	50.3	---	37.4
MAX									---	210	---	155
MIN									---	20	---	23

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June to September 1985.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June to September 1985.
pH: June to September 1985.
WATER TEMPERATURE: June to September 1985.
DISSOLVED OXYGEN: June to September 1985.

INSTRUMENTATION.--Water-quality monitor since June 1985.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens, Aug. 3, 1985; minimum, 16 microsiemens, Aug. 3, 1985.
pH: Maximum, 6.2 units, Aug. 30, 31, 1985; minimum 4.8 units, Sept. 19, 20, 1985.
WATER TEMPERATURE: Maximum, 28.0°C, July 13, 21, 22, 1985; minimum, 19.0°C, Sept. 15-17, 29, 1985.
DISSOLVED OXYGEN: Maximum, 5.9 mg/L, July 27, 28, 1985; minimum, 2.8 mg/L, July 22, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens, Aug. 3; minimum, 16 microsiemens, Aug. 3.
pH: Maximum, 6.2 units, Aug. 30, 31; minimum 4.8 units, Sept. 19, 20.
WATER TEMPERATURE: Maximum, 28.0°C, July 13, 21, 22; minimum, 19.0°C, Sept. 15-17, 29.
DISSOLVED OXYGEN: Maximum, 5.9 mg/L, July 27, 28; minimum, 2.8 mg/L, July 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	38	33	36	66	40	48	40	32	34
2	---	---	---	34	28	31	167	70	120	35	32	34
3	---	---	---	29	25	27	168	16	62	47	34	36
4	---	---	---	27	23	25	28	17	21	36	35	35
5	---	---	---	24	22	23	34	21	25	35	34	34
6	---	---	---	38	23	31	27	25	26	42	32	34
7	---	---	---	39	34	36	32	27	28	53	31	34
8	---	---	---	35	28	31	29	27	28	42	31	35
9	---	---	---	27	20	24	27	25	26	47	30	34
10	---	---	---	23	17	20	28	25	26	50	31	36
11	---	---	---	25	19	22	29	28	29	68	35	46
12	---	---	---	28	22	24	31	26	29	69	30	45
13	---	---	---	24	21	22	26	23	25	51	30	36
14	---	---	---	22	20	21	24	22	23	39	28	32
15	---	---	---	32	20	25	29	23	24	32	28	30
16	---	---	---	34	23	25	24	22	23	31	28	30
17	---	---	---	29	23	25	28	19	21	35	28	31
18	---	---	---	42	25	27	23	19	20	36	29	32
19	---	---	---	38	24	27	26	19	21	35	23	27
20	---	---	---	38	24	26	54	21	35	32	23	28
21	---	---	---	36	24	27	58	54	56	31	25	27
22	---	---	---	27	24	26	59	56	58	29	23	27
23	---	---	---	28	24	25	60	58	59	29	22	26
24	---	---	---	35	24	27	57	53	55	34	25	28
25	33	26	30	33	25	27	53	46	49	46	23	28
26	53	35	44	29	26	27	45	37	41	24	18	21
27	63	54	59	27	25	26	39	37	38	25	22	23
28	66	32	46	34	25	30	38	36	37	25	22	24
29	40	36	38	40	33	37	44	37	38	24	21	22
30	43	39	42	53	38	42	41	39	40	22	19	21
31	---	---	---	56	36	43	41	37	39	---	---	---
MONTH	66	26	43	56	17	28	168	16	38	69	18	31
YEAR	168	16	33									

SANTEE RIVER BASIN

02169672 CEDAR CREEK @CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1					---	---	5.7	5.6	5.6	5.6	6.1	5.9
2					---	---	---	---	5.7	5.6	6.1	5.9
3					---	---	---	---	5.8	5.7	6.0	5.9
4					---	---	---	---	5.7	5.6	5.9	5.8
5					---	---	---	---	5.7	5.6	5.9	5.9
6					---	---	---	---	5.6	5.6	5.9	5.8
7					---	---	---	---	5.6	5.6	5.8	5.6
8					---	---	---	---	5.6	5.6	5.6	5.5
9					---	---	---	---	5.1	4.9	5.5	5.3
10					---	---	---	---	5.2	5.0	5.4	5.1
11					---	---	---	---	5.0	4.9	5.3	5.1
12					---	---	---	---	5.1	4.9	5.2	5.1
13					---	---	---	---	5.3	5.1	5.2	5.1
14					---	---	---	---	5.4	5.2	5.2	5.1
15					---	---	---	---	5.3	5.2	5.2	5.1
16					---	---	---	---	5.4	5.3	5.2	5.1
17					---	---	---	---	5.5	5.4	5.2	5.1
18					---	---	5.6	5.4	5.5	5.4	5.1	5.0
19					---	---	5.7	5.6	5.5	5.4	5.0	4.8
20					---	---	5.7	5.7	5.8	5.2	5.0	4.8
21					---	---	5.7	5.7	6.0	5.8	5.2	5.0
22					---	---	5.9	5.7	6.0	5.9	5.3	5.2
23					---	---	5.9	5.7	6.0	5.9	5.4	5.2
24					---	---	5.8	5.7	5.9	5.8	5.4	5.3
25					5.2	5.0	6.0	5.8	5.9	5.8	5.4	5.3
26					5.4	5.2	5.9	5.8	5.8	5.7	5.3	5.1
27					5.5	5.4	6.0	5.8	6.0	5.8	5.2	5.0
28					5.5	5.3	5.8	5.6	6.0	6.0	5.2	5.1
29					5.9	5.5	5.7	5.5	6.1	6.0	5.1	5.0
30					5.9	5.7	5.6	5.5	6.2	6.1	5.0	4.9
31					---	---	5.6	5.5	6.2	6.1	---	---
MONTH					5.9	5.0	6.0	5.4	6.2	4.9	6.1	4.8
YEAR	6.2	4.8										

02169672 CEDAR CREEK @CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02169672 CEDAR CREEK @CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC--Continued

DISSOLVER OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	5.2	4.7	4.8	4.7	4.3	4.4	4.8	4.2	4.5
2	---	---	---	5.3	4.9	5.1	4.5	4.3	4.4	4.7	4.2	4.4
3	---	---	---	5.3	5.1	5.2	4.9	4.6	4.7	4.1	3.6	3.9
4	---	---	---	5.6	4.8	5.0	4.9	4.6	4.7	3.9	3.8	3.9
5	---	---	---	5.5	4.7	5.0	4.8	4.4	4.6	3.8	3.6	3.7
6	---	---	---	5.1	4.8	4.9	4.6	3.8	4.2	3.8	3.4	3.6
7	---	---	---	4.7	4.5	4.6	4.0	3.6	3.8	3.7	3.4	3.6
8	---	---	---	4.7	4.4	4.6	3.9	3.7	3.8	3.6	3.1	3.4
9	---	---	---	4.6	4.2	4.4	3.8	3.3	3.5	3.4	3.1	3.3
10	---	---	---	4.3	3.8	4.1	4.6	3.8	4.3	3.4	3.0	3.2
11	---	---	---	4.1	3.9	4.0	4.9	4.6	4.7	3.5	3.1	3.3
12	---	---	---	4.4	4.0	4.2	4.9	4.6	4.8	3.5	3.1	3.3
13	---	---	---	4.5	4.3	4.4	4.8	4.4	4.5	4.5	3.4	4.0
14	---	---	---	5.7	4.2	4.6	4.5	3.7	4.1	5.5	4.6	5.1
15	---	---	---	5.6	4.0	4.4	3.7	3.0	3.4	5.7	5.5	5.6
16	---	---	---	4.0	3.4	3.7	3.5	3.0	3.3	5.8	5.6	5.7
17	---	---	---	3.7	3.4	3.5	4.0	3.3	3.6	5.8	5.6	5.7
18	---	---	---	3.6	3.4	3.5	4.1	3.7	3.9	5.8	5.5	5.6
19	---	---	---	3.6	3.4	3.5	4.7	4.2	4.5	5.7	5.3	5.5
20	---	---	---	3.5	3.2	3.3	4.7	3.4	4.1	5.6	5.2	5.4
21	---	---	---	3.3	3.1	3.2	4.6	4.4	4.5	5.4	4.9	5.2
22	---	---	---	3.2	2.8	3.0	4.6	3.9	4.1	5.1	4.8	4.9
23	---	---	---	3.8	3.5	3.6	3.9	3.7	3.8	5.0	4.5	4.7
24	---	---	---	4.4	3.6	4.1	3.8	3.7	3.7	4.7	4.3	4.5
25	4.7	4.4	4.6	5.2	4.6	4.9	4.2	3.8	4.0	4.4	4.3	4.3
26	4.5	4.1	4.3	5.1	4.7	4.8	4.9	4.0	4.3	4.5	4.3	4.4
27	4.1	3.9	4.0	5.9	4.8	5.1	4.8	4.2	4.3	4.5	4.3	4.4
28	4.1	3.8	3.9	5.9	4.7	5.1	4.3	4.1	4.2	5.3	4.5	4.9
29	4.4	3.8	4.0	5.0	4.9	5.0	4.6	4.2	4.3	5.5	5.3	5.4
30	5.6	4.5	5.0	4.9	4.6	4.8	4.8	4.3	4.6	5.6	5.3	5.5
31	---	---	---	4.7	4.4	4.5	4.7	4.2	4.4	---	---	---
MONTH	5.6	3.8	4.3	5.9	2.8	4.4	4.9	3.0	4.2	5.8	3.0	4.5
YEAR	5.9	2.8	4.3									

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC
(National stream quality accounting network station)

LOCATION.--Lat 33°23'14", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, on right bank 0.6 mi upstream from bridge on State Highway 45 and 7.0 mi southwest of Pineville.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1943 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 60.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Auxiliary water-stage recorder 3.9 mi downstream from base gage.

REMARKS.--Records poor. Canal diverts water from Lake Marion to Lake Moultrie for generation of power and for navigation. Water is discharged from powerplant and navigation lock into West Branch Cooper River.

AVERAGE DISCHARGE.--42 years, 14,805 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 40,300 ft^3/s, Mar. 17, 1983; minimum daily (normal operation), 61 ft^3/s, Sept. 24, 25, 1956; maximum daily reverse flow, 12,100 ft^3/s, Feb. 9, 1947 (caused by unusual operation of gates).

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 37,000 ft^3/s, Feb. 12; minimum daily discharge, 118 ft^3/s, Sept. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7070	9370	7110	9250	5850	24500	5090	4440	4260	1880	14200	2540
2	2140	10200	6150	8960	9160	20400	4190	4360	2420	4520	9870	2660
3	4520	7770	6410	13700	13800	18300	4520	7340	3210	2780	9830	2740
4	6280	8710	7100	13900	15300	17100	3570	6300	957	1740	10100	118
5	6400	9240	11700	11000	22600	17400	3200	7910	3100	5450	9350	11000
6	7050	8020	17600	15200	24500	14200	11000	4400	507	3640	7590	27400
7	7220	5410	11200	17100	26800	14000	3240	1740	9100	3580	6340	7520
8	5700	6990	14800	16700	27900	12800	9950	2730	6500	2510	7000	13400
9	4780	8080	16400	17300	31900	12600	10900	5890	3880	2510	6960	9490
10	5370	7310	14400	19100	34500	12100	4760	5240	4320	3290	6740	3340
11	4940	10600	15900	18300	34700	4000	6880	9250	6740	3680	5730	8790
12	3960	3120	15600	19500	37000	10600	6820	8250	7440	1070	5990	7940
13	4030	3720	16600	17000	33200	4330	3920	2660	6440	2880	6270	4630
14	2930	5540	14500	18800	31000	6880	4740	2200	4760	4070	4410	3530
15	2160	7570	14200	15800	31200	4440	1160	3050	7890	3170	5590	4270
16	3670	8490	14000	14000	29900	8580	6890	10300	8960	3240	5510	1850
17	5540	4180	13800	16700	28700	9790	2460	10700	6820	4300	1060	1800
18	5470	3940	13600	16400	27600	11600	6990	8000	6390	2030	13100	4770
19	5510	6610	10700	13300	27100	5600	7020	6710	7490	3350	8900	4780
20	7100	3800	10200	14700	26300	6800	7000	8280	3690	2240	15300	4520
21	7530	6660	9590	11600	25600	6000	4280	7860	2410	2880	19700	2260
22	10200	7520	8420	13900	24700	10400	2080	12700	3620	4330	22300	5290
23	5660	5380	7750	11100	25000	2720	5470	5590	3500	1820	23700	26300
24	5870	4250	7950	8660	24200	3590	6720	10600	1680	125	24500	277
25	6260	4080	8710	10600	23400	500	8470	7040	3490	15300	25800	14400
26	6950	4190	9010	4610	22800	2070	4630	6050	4560	12600	23200	9730
27	5710	4340	1050	4430	21200	7170	7780	5560	322	9720	15700	1620
28	9290	5920	9570	6390	21300	7060	6340	5350	198	9060	12700	2400
29	8300	6280	9810	4140	---	8220	2430	6560	4740	10900	22300	2120
30	7170	7900	9240	4770	---	5940	1620	7540	6070	9120	11000	926
31	6500	---	7960	3780	---	3590	---	2280	---	10300	29900	---
TOTAL	181280	195190	341030	390690	707210	293280	164120	196880	135464	148085	390640	192411
MEAN	5848	6506	11000	12600	25260	9461	5471	6351	4515	4777	12600	6414
MAX	10200	10600	17600	19500	37000	24500	11000	12700	9100	15300	29900	27400
MIN	2140	3120	1050	3780	5850	500	1160	1740	198	125	1060	118

CAL YR 1984	TOTAL	5724550	MEAN	15640	MAX	29200	MIN	1050
WTR YR 1985	TOTAL	3336280	MEAN	9140	MAX	37000	MIN	118

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 32°23'25", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, at auxiliary water-stage recorder 3.9 miles downstream from base gage, 7.0 miles southwest of Pineville.

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	HARDNESS NONCARBONATE (MG/L AS CACO3)
NOV 14...	1230	86	5.8	14.0	4.1	769	10.2	98	K35	160	19	0
JAN 30...	1630	105	7.8	6.0	5.5	766	11.5	92	K5	K5	21	0
MAR 27...	1145	79	7.7	15.0	4.1	768	10.1	99	45	--	18	0
MAY 16...	1400	92	7.3	24.0	2.4	754	7.4	89	K4	220	20	0
JUL 11...	1200	99	7.1	28.0	2.1	762	6.4	82	45	470	20	0
SEP 19...	1030	105	7.4	24.0	2.0	768	8.1	96	<5	460	20	0

DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)
NOV 14...	4.4	1.9	9.1	48	.9	2.0	22	8.4	8.7	.10	10	64
JAN 30...	5.1	1.9	14	57	1	2.1	21	10	12	.10	11	76
MAR 27...	4.4	1.7	8.8	49	.9	1.7	18	9.5	9.0	<.10	8.7	62
MAY 16...	4.9	1.8	9.7	49	1	2.1	22	9.6	9.1	<.10	5.5	61
JUL 11...	4.8	1.9	11	51	1	2.2	24	7.9	9.7	<.10	5.6	73
SEP 19...	4.6	2.0	13	56	1	2.2	23	10	12	<.10	9.9	75

DATE	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)
NOV 14...	56	.09	<.10	.020	.03	.60	<.010	--	<.010	<.010	--
JAN 30...	71	.10	.36	.010	.01	.40	.060	--	.030	.040	.12
MAR 27...	56	.08	.11	.030	.04	.60	<.010	--	<.010	<.010	--
MAY 16...	58	.08	<.10	.050	.06	.70	<.010	--	<.010	<.010	--
JUL 11...	59	.10	<.10	<.010	--	.70	<.010	--	<.010	<.010	--
SEP 19...	67	.10	--	--	--	.40	.040	.12	.020	--	--

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE,SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 14...	20	<1	10	.0	<1	1	<3	1	26	1	7
JAN 30...	140	<1	10	<.5	<1	<1	<3	1	180	2	12
MAR 27...	--	--	--	--	--	--	--	--	--	--	--
MAY 16...	10	<1	15	<.5	<1	<1	<3	2	18	4	<4
JUL 11...	20	<1	16	<.5	<1	<1	<3	3	6	1	15
SEP 19...	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 14...	2	.1	<10	3	<1	<1	38	<6	<3	13	53
JAN 30...	2	.2	<10	1	<1	<1	39	<6	<3	0	80
MAR 27...	--	--	--	--	--	--	--	--	--	5	73
MAY 16...	3	<.1	<10	1	<1	<1	39	<6	22	8	42
JUL 11...	<1	.2	<10	3	<1	<1	38	<6	<3	6	66
SEP 19...	--	--	--	--	--	--	--	--	--	5	59

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

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00", long 80°09'50", Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi^2, approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Waterstage recorder. Datum of gage is National Geodetic Vertical datum of 1929 (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; dam completed in 1941. Usable capacity, 47,930,000,000 ft^3 between elevations 60.0 ft (limit of drawndown) and 76.8 ft (maximun normal lake elevation). Dead storage, about 15,250,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie (see preceding page) for generation of power and for elevation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft Feb. 28, 1964 (distorted due to high westerly winds); minimum, 61.36 ft Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.93 ft Aug. 30; minimum, 71.94 ft Jan. 22.

Capacity table (elevation, in feet), and
usable contents, (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

71.0 ft	24.31 ft^3
72.0 ft	27.75 ft^3
74.0 ft	35.41 ft^3
76.0 ft	44.13 ft^3
77.0 ft	48.88 ft^3

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.13	74.30	74.07	72.37	72.55	74.33	74.92	75.23	74.87	74.80	75.08	75.89
2	74.08	74.27	74.26	72.38	72.70	74.34	74.88	75.21	74.89	74.77	75.07	75.89
3	74.09	74.16	74.22	72.46	72.76	74.33	74.85	75.17	74.87	74.76	75.08	75.80
4	74.08	74.17	74.16	72.59	72.84	74.36	74.83	75.13	74.92	74.80	75.06	75.65
5	74.10	74.05	74.15	72.36	73.19	74.41	74.82	75.12	74.92	74.79	75.04	75.53
6	74.06	73.88	74.18	72.45	73.63	74.24	74.81	75.16	75.01	74.82	74.98	75.34
7	74.07	73.78	73.99	72.52	74.17	74.28	74.89	75.19	75.03	74.81	74.95	75.16
8	74.04	73.73	74.01	72.55	74.58	74.34	74.93	75.25	75.11	74.79	74.89	75.07
9	74.00	73.68	74.05	72.65	75.00	74.36	74.83	75.25	75.13	74.77	74.92	75.10
10	73.98	73.61	74.14	72.76	75.38	74.33	74.87	75.27	75.16	74.76	74.84	75.15
11	73.98	73.59	74.16	72.79	75.64	74.26	74.87	75.28	75.29	74.80	74.82	75.09
12	73.99	73.51	74.06	72.72	75.80	74.29	74.84	75.23	75.35	74.78	74.76	75.22
13	73.98	73.48	73.93	72.59	75.66	74.37	74.83	75.29	75.30	74.77	74.75	75.19
14	73.96	73.51	73.79	72.58	75.65	74.43	74.89	75.36	75.23	74.76	74.84	75.11
15	73.92	73.56	73.58	72.42	75.65	74.50	75.00	75.44	75.22	74.71	74.90	75.06
16	73.88	73.62	73.42	72.37	75.61	74.68	74.98	75.52	75.28	74.78	74.93	75.10
17	73.96	73.62	73.26	72.43	75.55	74.65	74.97	75.42	75.21	74.78	75.06	75.12
18	73.96	73.62	73.05	72.38	75.47	74.42	74.95	75.33	75.16	74.76	75.10	75.05
19	74.01	73.68	72.92	72.31	75.38	74.44	74.96	75.33	75.05	74.77	75.17	75.03
20	74.02	73.58	72.82	72.36	75.30	74.55	75.03	75.30	74.98	74.77	75.14	74.97
21	74.05	73.60	72.70	72.17	75.24	74.63	75.11	75.25	74.97	74.75	75.17	74.90
22	74.03	73.68	72.72	71.99	75.15	74.74	75.18	75.16	74.92	74.77	75.26	74.86
23	73.96	73.75	72.69	72.08	75.05	74.79	75.21	75.30	74.89	74.72	75.35	74.71
24	73.94	73.79	72.69	72.20	74.91	74.97	75.25	75.19	74.88	74.66	75.42	74.54
25	74.00	73.80	72.69	72.37	74.74	74.82	75.21	75.10	74.84	74.78	75.46	74.31
26	74.09	73.81	72.66	72.18	74.62	74.81	75.18	75.03	74.82	74.67	75.47	74.18
27	74.19	73.81	72.58	72.27	74.50	74.79	75.14	74.92	74.80	74.80	75.54	73.97
28	74.24	73.91	72.49	72.36	74.37	74.73	75.15	74.80	74.78	74.81	75.60	73.89
29	74.20	73.92	72.41	72.34	---	74.71	75.12	74.80	74.75	74.91	75.69	73.86
30	74.20	73.98	72.36	72.42	---	74.75	75.23	74.86	74.80	74.92	75.89	73.85
31	74.26	---	72.36	72.51	---	74.82	---	74.87	---	74.96	75.88	---
MAX	74.26	74.30	74.26	72.79	75.80	74.97	75.25	75.52	75.35	74.96	75.89	75.89
MIN	73.88	73.48	72.36	71.99	72.55	74.24	74.81	74.80	74.75	74.66	74.75	73.85
(+)	36.51	35.33	29.08	29.64	36.98	38.88	40.67	39.09	38.80	39.47	43.59	34.82
(*)	123	-455	-2,334	209	3,034	709	691	-590	-112	250	1,538	-3,383

CAL YR 1984 (*) -439 MAX 76.51 MIN 72.36
WTR YR 1985 (*) -43 MAX 75.89 MIN 71.99

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

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--14,700 mi^2, approximately.

PERIOD OF RECORD.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.00 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream or temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

REMARKS.--Records fair, except for estimated daily discharges, Aug. 31 to Sept. 8 and Sept. 24-27, which are poor. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal (02170500) into Lake Moultrie (02172000) for generation of power and for navigation, then discharged into Cooper River basin. Since September 1985, some of this flow is re-diverted back into the Santee Basin at St. Stephens (33 mi downstream). Seepage from north dike of Lake Marion Dam bypasses station via Little River. Results of discharge measurement of Little River, just below dam, made during water year 1985 are:

Oct. 23 - 19.6 ft^3/s
Feb. 5 - 22.8 ft^3/s
Jun. 4 - 19.8 ft^3/s
Sept. 13 - 19.7 ft^3/s

AVERAGE DISCHARGE.--43 years, 2,313 ft^3/s, 2.14 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft^3/s, Sept. 23, 1945, gage height, 31.1 ft (from floodmarks), from rating curve extended above 13,000 ft^3/s by computation of flow over spillway at Lake Marion; minimum daily, 9.0 ft^3/s, Feb. 23, 1947 (caused by repair work at spillway).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,900 ft^3/s, Feb. 12, gage height, 9.55 ft (from spill over dam caused by high winds); minimum daily, 386 ft^3/s, Nov. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	478	471	465	451	451	497	569	468	491	467	476	460
2	478	471	465	453	453	508	542	473	482	469	460	460
3	473	471	520	470	457	517	500	470	491	458	446	450
4	472	479	407	483	464	518	482	440	478	466	441	450
5	476	475	440	513	485	499	497	422	480	475	453	450
6	471	472	797	461	490	513	562	434	483	467	474	440
7	469	475	628	464	476	497	522	448	485	470	449	440
8	471	420	477	459	491	509	533	444	511	468	447	440
9	470	415	475	463	489	516	540	457	481	464	462	437
10	469	459	489	476	487	518	490	450	482	464	453	432
11	469	466	436	471	474	515	489	451	535	468	448	436
12	475	473	470	480	2950	522	486	448	630	474	459	465
13	475	451	466	467	2530	513	492	444	566	464	454	476
14	473	457	467	464	795	504	501	443	485	468	453	446
15	473	451	468	472	567	509	496	441	483	467	455	439
16	473	451	465	464	535	511	497	449	500	462	459	442
17	471	455	460	463	513	513	492	567	496	459	457	446
18	490	455	459	461	505	551	503	621	524	462	468	444
19	476	437	463	463	502	518	466	477	518	460	456	442
20	475	386	466	479	521	510	463	471	480	460	444	440
21	476	401	465	489	532	524	462	470	469	461	429	439
22	478	471	465	473	519	540	458	565	470	464	457	437
23	478	459	469	463	527	533	457	600	468	460	455	441
24	473	457	470	463	534	586	463	548	468	463	453	440
25	473	469	466	463	535	566	464	502	468	512	462	450
26	473	467	469	478	537	523	460	494	469	472	470	460
27	473	470	470	465	537	513	461	494	465	477	457	460
28	471	476	467	460	526	508	459	491	465	473	450	463
29	471	477	462	467	---	502	457	491	464	476	452	457
30	470	471	458	463	---	499	456	493	470	476	464	454
31	467	---	459	457	---	499	---	492	---	490	460	---
TOTAL	14680	13708	14903	14518	18882	16051	14719	14958	14757	14536	14123	13436
MEAN	474	457	481	468	674	518	491	483	492	469	456	448
MAX	490	479	797	513	2950	586	569	621	630	512	476	476
MIN	467	386	407	451	451	497	456	422	464	458	429	432

CAL YR 1984	TOTAL	1720813	MEAN	4702	MAX	22300	MIN	386
WTR YR 1985	TOTAL	179271	MEAN	491	MAX	2950	MIN	386

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38", long 79°57'38", Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 main channel bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--14,800 mi².

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water stage recorder. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except estimated daily discharges: Feb. 6-9, Mar. 11-13, Mar. 22-29, Aug. 26 to Sept. 18, and Sept 21-30, which are poor. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River. Since September 1985, some at this flow is re-diverted back into the Santee Basin at St. Stephens (11.7 mi downstream).

AVERAGE DISCHARGE.--7 years, 2,963 ft³/s, 2.72 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,400 ft³/s, Apr. 1, 1980, gage height, 24.45 ft; minimum daily, 394 ft³/s Nov. 9, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,430 ft³/s, Feb. 13, gage height, 8.27 ft; maximum gage height, 14.48 ft Sept. 6 (backwater from re-diversion; minimum daily, 394 ft³/s Nov. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	509	512	515	495	504	516	525	477	486	532	517	490
2	503	517	510	490	505	502	582	496	481	531	498	490
3	503	511	512	519	501	507	538	510	474	526	473	500
4	502	520	449	531	498	515	507	489	484	519	458	500
5	497	523	437	546	534	512	494	460	476	535	452	500
6	492	515	477	534	560	485	525	449	491	546	479	490
7	490	512	804	506	560	499	559	464	503	534	493	490
8	494	466	637	500	540	491	532	469	537	535	461	480
9	492	394	543	495	540	503	548	478	515	532	486	500
10	491	457	546	501	583	504	527	491	495	532	484	700
11	492	501	515	515	578	520	500	485	502	537	471	1000
12	499	511	495	505	1010	520	496	495	596	543	467	700
13	502	487	514	513	2300	520	496	480	683	545	482	500
14	502	486	511	504	1700	512	508	478	586	541	477	490
15	503	491	511	502	905	498	516	477	534	548	473	480
16	503	489	511	503	670	508	515	481	577	542	474	470
17	502	489	507	505	594	525	509	489	569	532	477	470
18	553	490	502	504	546	518	513	635	555	531	499	460
19	521	493	499	500	523	552	502	582	582	533	488	457
20	515	440	505	498	526	528	480	498	567	533	478	448
21	517	399	508	521	541	521	475	485	527	536	455	450
22	531	459	508	527	549	520	470	483	518	539	460	450
23	531	492	508	512	538	520	469	632	518	541	476	450
24	520	490	510	507	543	520	471	563	517	543	477	460
25	518	499	511	506	540	520	480	532	518	634	479	460
26	518	508	503	504	539	520	474	496	520	599	470	470
27	517	512	507	515	542	520	475	486	519	549	470	470
28	515	521	509	506	535	520	477	484	517	567	480	480
29	517	527	507	503	---	520	476	480	519	597	480	470
30	516	524	503	507	---	532	475	491	537	575	480	470
31	513	---	495	512	---	523	---	492	---	545	490	---
TOTAL	15778	14735	16069	15786	19004	15971	15114	15507	15903	16932	14804	15245
MEAN	509	491	518	509	679	515	504	500	530	546	478	508
MAX	553	527	804	546	2300	552	582	635	683	634	517	1000
MIN	490	394	437	490	498	485	469	449	474	519	452	448

CAL YR 1984	TOTAL	2180164	MEAN	5957	MAX	35900	MIN	394
WTR YR 1985	TOTAL	190848	MEAN	523	MAX	2300	MIN	394

02171620 CRAWL CREEK NEAR PINEVILLE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°26'18", long 79°59'47", Berkeley County, Hydrologic Unit 03050112, at bridge on State Highway 6, 1.0 mi upstream from U.S. Highway 52, 2.5 mi east of Pineville, and at mile 3.1.

PERIOD OF RECORD.--Water years 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT 10...	1100	142	6.0	19.0	10	8.2	7.9	5	1.2
NOV 30...	1200	107	6.0	9.5	30	2.0	9.6	4	1.2
DEC 19...	1315	105	6.3	16.0	30	6.5	9.2	5	1.4
JAN 15...	1345	103	6.5	8.0	45	5.4	10.6	1	.8
FEB 22...	1230	127	6.8	14.0	30	55	10.4	6	.7
MAR 22...	1445	101	6.1	13.0	100	11	10.0	11	1.3
APR 30...	1550	95	6.8	24.0	70	17	7.3	27	1.4
MAY 31...	1300	97	6.9	25.5	40	11	7.6	--	8.0
JUN 11...	1230	115	6.7	27.5	55	5.8	7.1	17	2.0
JUL 11...	1400	83	6.8	27.5	50	6.5	6.4	--	3.5
AUG 23...	1130	95	6.0	24.0	50	5.0	5.9	--	.3
SEP 05...	1145	187	6.2	25.5	55	6.0	5.2	7	.9

DATE	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, SUSPENDED RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, SUSPENDED RECOV. (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 10...	850	--	370	60	--	40	3.0	5	78
NOV 30...	640	--	330	10	--	20	2.1	3	93
DEC 19...	1000	--	400	30	--	20	4.4	5	77
JAN 15...	580	--	300	30	--	10	4.6	1	90
FEB 22...	710	--	230	30	--	20	5.9	5	82
MAR 22...	1200	--	720	30	--	10	7.3	9	91
APR 30...	2000	--	1000	260	--	210	4.3	21	47
MAY 31...	1300	1200	120	160	30	130	5.4	--	--
JUN 11...	1300	630	670	180	0	200	--	18	71
JUL 11...	1100	500	600	150	130	20	5.1	18	85
AUG 23...	1200	700	500	60	40	20	4.1	9	32
SEP 05...	960	610	350	120	30	90	9.6	7	62

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°24'05", long 79°51'20", Berkeley County, Hydrologic Unit 03050112, 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.--January 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT										
10...	1250	480	86	6.3	22.5	5	5.6	7.7	2	1.0
NOV										
30...	1330	540	94	6.3	11.5	5	1.0	9.6	4	1.0
DEC										
19...	1630	480	97	6.9	13.5	10	1.5	10.2	3	1.2
JAN										
15...	1630	590	105	5.8	7.5	25	3.2	11.0	1	.7
FEB										
22...	1615	1620	111	7.6	11.0	10	200	10.7	24	.9
MAR										
22...	1630	1310	114	6.6	14.0	80	70	8.9	100	2.0
APR										
29...	1500	480	95	6.9	24.0	20	5.2	7.4	8	.7
MAY										
31...	1530	--	90	7.0	28.0	15	6.0	7.2	8	.5
JUN										
28...	1730	--	97	6.7	28.5	20	3.5	7.0	12	2.2
JUL										
11...	1500	--	98	7.4	31.0	20	2.0	7.3	--	3.0
AUG										
23...	1330	--	118	6.4	29.5	15	.50	7.2	--	.5
SEP										
05...	1700	--	110	8.3	28.5	20	23	7.7	41	.5

DATE	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, SUS-PENDED RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, SUS-PENDED RECOV. (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT										
10...	890	--	310	100	--	30	2.9	3	4.3	79
NOV										
30...	440	--	220	60	--	30	3.1	4	6.3	86
DEC										
19...	590	--	230	60	--	30	2.8	2	2.2	77
JAN										
15...	390	--	210	80	--	20	3.3	1	1.9	91
FEB										
22...	1200	--	170	100	--	30	4.2	23	102	90
MAR										
22...	2300	--	330	160	--	100	5.4	79	281	93
APR										
29...	620	--	230	110	--	20	3.4	4	5.7	79
MAY										
31...	590	440	150	110	20	90	2.9	7	--	71
JUN										
28...	460	440	20	110	40	70	3.4	10	--	92
JUL										
11...	350	250	100	90	40	50	6.8	8	--	62
AUG										
23...	610	510	100	90	40	50	1.8	6	--	75
SEP										
05...	2100	--	<10	60	--	<10	5.4	48	--	88

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02171680 WEDBOO CREEK NEAR JAMESTOWN, SC

LOCATION.--Lat 33°19'50", long 79°48'10", Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on South Carolina Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.5 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi^2.

PERIOD OF RECORD.--September 1966 to Feb. 1972, Feb. 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--17 years, 11.76 ft^3/s, 9.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 928 ft^3/s, Aug. 26, 1971, gage height, 5.96 ft; maximum gage-height, 8.82 ft Mar. 22, 23, 1975 (caused by backwater). No flow for several days during water years 1966-69, 1973, 1974, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 100 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Aug. 31	0520	*93	*3.74

Minimum daily, 0.16 ft^3/s Nov. 17, 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	.53	.69	.80	.71	1.2	.79	.37	.32	.24	9.3	38
2	.76	.48	.69	.89	1.0	1.1	.72	.35	.32	.24	9.2	28
3	.60	.45	.73	2.1	.92	1.0	.67	.35	.32	.24	4.8	17
4	.54	.62	.69	2.5	.74	.99	.67	.35	.32	.24	2.4	11
5	.48	.60	.90	1.6	1.8	.99	.64	.32	.32	.24	1.6	6.8
6	.46	.45	.98	1.3	13	.96	.62	.34	.33	.24	1.2	5.3
7	.50	.32	.99	1.2	7.5	.82	.61	.37	.34	.24	.95	4.1
8	.55	.29	.94	1.0	3.6	.77	.58	.37	.52	.24	1.1	2.4
9	.48	.29	.93	.83	2.4	.78	.55	.37	.35	.20	1.4	1.8
10	.46	.24	.94	.80	1.9	.79	.52	.37	.32	.20	1.2	1.5
11	.51	.31	.95	.82	1.7	.77	.47	.37	.40	.20	.77	1.6
12	.57	.28	.89	.73	3.1	.79	.44	.37	.45	.20	.52	13
13	.61	.22	.88	.69	3.0	.79	.45	.37	.36	.20	.45	12
14	.55	.18	.97	.67	2.2	.77	.56	.37	.32	.23	.41	5.6
15	.51	.18	.94	.58	1.8	.77	.54	.37	.32	.23	.37	3.6
16	.47	.19	.91	.53	1.5	.94	.47	.37	1.5	.20	.37	2.4
17	.46	.16	.94	.66	1.3	2.1	.43	.37	1.0	.30	.37	1.7
18	1.2	.16	.85	.69	1.2	1.7	.42	.37	.49	.26	.53	1.3
19	.77	.27	.83	.61	1.2	1.3	.42	.37	.36	.24	.43	1.1
20	.67	.36	.76	.56	1.7	1.1	.42	.34	.32	.24	.43	.98
21	.55	.44	.77	.56	2.0	1.1	.42	.32	.32	.23	.42	.89
22	.48	.55	.82	.53	1.6	1.5	.42	.38	.31	.20	.45	.89
23	.53	.54	.80	.50	1.5	1.4	.42	.44	.28	.21	.44	.84
24	.48	.48	.77	.51	1.5	1.3	.39	.36	.28	.26	.43	.76
25	.43	.48	.77	.51	1.5	1.2	.37	.32	.28	3.1	.45	.78
26	.43	.42	.77	.47	1.4	1.1	.37	.32	.27	1.7	.84	.76
27	.42	.38	.75	.46	1.4	1.0	.37	.32	.24	.70	1.0	.75
28	.46	.61	.78	.46	1.3	1.0	.37	.32	.24	.68	.61	.64
29	.87	.73	.77	.46	---	.99	.37	.32	.24	19	.57	.57
30	.76	.72	.72	.47	---	.95	.37	.43	.26	26	15	.55
31	.58	---	.77	.79	---	.88	---	.36	---	11	65	---
TOTAL	18.24	11.93	25.89	25.28	64.47	32.85	14.86	11.12	11.70	67.70	123.01	166.61
MEAN	.59	.40	.84	.82	2.30	1.06	.50	.36	.39	2.18	3.97	5.55
MAX	1.2	.73	.99	2.5	13	2.1	.79	.44	1.5	26	65	38
MIN	.42	.16	.69	.46	.71	.77	.37	.32	.24	.20	.37	.55

CAL YR 1984	TOTAL	4212.01	MEAN	11.5	MAX	142	MIN	.16
WTR YR 1985	TOTAL	573.66	MEAN	1.57	MAX	65	MIN	.16

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, 0.10 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--15,044 mi².

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.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 32.0 ft Apr. 15, 1936; minimum, 0.61 ft Nov. 21, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 13.10 ft Sept. 7; minimum recorded, 0.66 ft Dec. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-	LOW-	HIGH-	LOW-	HIGH-	LOW-	HIGH-	LOW-	HIGH-	LOW-	HIGH-	LOW-
	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	3.26	1.70	3.21	1.57	2.10	1.09	2.46	1.16	3.08	1.97	3.08	1.71
2	3.02	1.34	2.96	1.52	2.53	1.10	2.41	1.17	2.75	1.50	2.59	1.32
3	3.07	1.42	3.47	1.56	2.49	1.24	2.44	1.11	2.46	1.14	2.34	.98
4	2.69	1.26	3.71	2.08	2.30	1.09	3.24	1.42	3.04	1.45	2.90	1.34
5	2.70	1.23	3.08	1.55	2.91	1.25	1.99	1.06	3.30	1.58	2.60	1.27
6	3.05	1.40	2.91	1.46	2.92	1.07	2.93	1.11	3.36	1.88	3.35	1.45
7	3.38	1.73	3.05	1.36	1.97	.66	2.71	1.29	3.05	1.71	3.48	1.83
8	3.33	1.83	3.19	1.50	2.55	1.17	2.30	.98	3.35	2.54	3.59	1.56
9	3.36	1.82	3.15	1.42	2.42	1.08	2.93	1.18	3.51	2.28	2.82	1.20
10	3.42	1.87	3.09	1.37	2.35	.98	3.25	1.57	3.08	1.55	2.65	1.24
11	3.42	1.82	2.96	1.38	2.27	.96	2.64	1.33	2.83	1.55	5.05	1.33
12	3.38	1.79	2.71	1.02	2.70	1.12	2.43	1.27	3.90	1.88	5.03	2.39
13	3.15	1.62	2.71	1.21	2.62	1.21	2.51	1.28	2.27	1.69	2.82	1.66
14	3.36	1.54	2.79	1.10	2.25	1.10	2.42	1.25	3.01	2.26	2.46	1.17
15	3.64	1.72	2.84	1.23	2.40	1.12	1.48	.85	3.09	2.04	2.03	.91
16	3.62	1.89	2.29	1.14	2.52	1.22	2.23	.80	2.76	1.56	2.25	1.04
17	3.13	1.54	2.84	1.09	2.70	1.27	2.93	1.23	2.27	1.25	2.59	1.21
18	2.90	1.37	2.94	1.45	2.77	1.27	2.31	1.02	2.15	1.14	2.38	1.12
19	2.99	1.39	2.79	1.32	2.74	1.23	2.24	1.12	2.34	1.18	2.22	.99
20	3.02	1.41	2.86	1.12	2.81	1.20	2.21	1.03	2.58	1.45	2.18	1.13
21	3.10	1.52	3.31	1.45	3.08	1.27	1.79	.82	2.66	1.47	2.24	1.07
22	3.09	1.56	3.45	1.49	2.90	1.32	1.64	.86	2.37	1.29	3.01	1.65
23	3.20	1.58	3.68	1.61	2.88	1.10	1.89	.87	2.38	1.24	3.18	1.63
24	3.17	1.51	3.65	1.64	3.32	1.48	1.45	.83	2.01	1.04	3.43	2.02
25	3.35	1.50	3.29	1.52	2.70	1.36	1.33	.76	1.71	.95	7.22	4.87
26	3.65	1.69	3.02	1.32	2.95	1.26	.91	.66	1.63	.94	7.27	6.09
27	3.48	1.65	2.86	1.28	2.53	1.27	1.60	.72	1.66	.87	6.31	4.09
28	3.27	1.46	2.85	1.40	2.13	1.07	1.84	.96	2.91	2.49	4.04	1.82
29	2.99	1.42	2.16	.94	1.97	1.09	2.07	1.12	---	---	2.23	1.13
30	2.78	1.24	2.39	1.12	1.90	1.06	2.31	1.22	---	---	1.78	1.05
31	2.96	1.36	---	---	2.11	1.01	2.38	1.20	---	---	1.91	.94
MEAN	3.19	1.55	3.01	1.37	2.54	1.15	2.23	1.07	2.70	1.53	3.33	1.71

COOPER RIVER BASIN

02171700 SANTEE RIVER NR JAMESTOWN,S.C.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1.97	1.00	2.54	1.32	---	---	2.79	1.18	3.15	1.44	9.46	8.67
2	2.26	.93	2.40	1.23	---	---	2.90	1.08	2.93	1.54	10.84	9.49
3	2.67	1.26	2.48	1.23	---	---	2.75	1.04	3.62	2.00	11.93	10.86
4	2.49	1.22	2.88	1.53	---	---	2.62	1.07	3.70	1.96	12.44	11.94
5	2.62	1.29	3.31	1.50	---	---	2.58	1.03	3.55	1.89	12.74	12.45
6	2.81	1.13	3.16	1.27	---	---	2.34	1.02	3.31	1.81	13.01	12.73
7	2.39	1.17	2.82	1.14	---	---	2.16	.89	3.09	1.70	13.10	12.94
8	2.52	1.08	2.67	1.39	---	---	1.83	.82	2.68	1.40	12.95	12.18
9	2.42	.92	3.18	1.63	---	---	2.19	1.00	2.76	1.34	12.16	10.77
10	2.34	1.03	2.87	1.45	---	---	2.17	1.04	2.83	1.26	10.75	9.48
11	2.34	1.05	2.59	1.24	---	---	2.25	.97	2.94	1.31	9.74	8.97
12	2.04	.94	2.54	1.36	---	---	2.52	1.13	2.83	1.25	9.30	6.91
13	1.87	.87	2.39	1.25	---	---	2.54	1.14	2.50	1.10	6.86	4.77
14	2.55	1.13	2.35	1.20	---	---	2.38	1.04	2.45	1.03	6.76	5.25
15	2.48	1.27	2.79	1.26	---	---	2.56	1.00	2.35	1.07	6.31	3.99
16	2.22	1.14	3.06	1.48	---	---	2.72	1.08	2.52	1.09	4.48	2.74
17	2.35	1.11	2.92	1.38	2.04	.83	2.87	1.32	2.61	1.30	4.12	2.42
18	2.48	1.24	2.95	1.22	2.17	.84	3.20	1.55	2.96	1.42	4.47	2.61
19	2.28	1.02	2.93	1.39	1.89	.74	3.40	1.50	2.91	1.46	3.78	2.12
20	1.95	.86	3.01	1.34	1.94	.90	3.22	1.35	3.06	1.50	3.50	1.80
21	1.80	.86	2.82	1.13	2.22	.97	2.99	1.29	3.14	1.49	4.92	2.15
22	1.96	.87	2.64	1.10	2.38	1.12	2.74	1.19	3.18	1.46	4.34	2.78
23	2.04	.88	2.63	1.14	2.51	1.17	2.43	1.16	3.28	1.45	7.30	2.54
24	2.06	.91	2.65	1.17	2.45	1.13	3.04	1.29	3.40	1.56	7.68	6.76
25	2.21	.86	2.43	1.04	2.39	1.16	4.12	2.05	3.09	1.44	8.51	7.71
26	1.86	.82	1.66	1.33	2.21	.99	2.82	1.31	3.27	1.26	8.73	8.37
27	2.21	1.02	---	---	3.31	1.19	2.69	1.17	4.45	2.01	8.78	8.42
28	1.95	.89	---	---	3.33	1.53	2.83	1.14	6.11	3.30	8.53	5.93
29	2.54	.97	---	---	3.32	1.44	3.04	1.32	6.13	3.46	5.89	3.63
30	2.87	1.48	---	---	3.08	1.28	3.09	1.49	7.63	3.77	6.07	2.97
31	---	---	---	---	---	---	3.16	1.48	8.64	7.68	---	---
MEAN	2.29	1.04	2.72	1.30	2.52	1.09	2.74	1.20	3.58	1.86	8.32	6.81

02171730 SANTEE RIVER NR HONEY HILL, S.C.

LOCATION.--Lat 33°14'43", long 79°31'20", Berkeley County Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.23 ft Sept. 7; minimum, 12.00 ft Apr. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	16.60	14.17	16.51	14.16	15.47	13.33	15.95	13.38	15.88	13.00	16.22	13.43
2	16.42	13.66	16.29	14.04	15.86	13.31	15.88	13.32	16.02	13.39	15.83	13.12
3	16.46	13.79	16.75	14.02	15.93	13.61	15.92	13.18	16.01	12.86	15.65	12.87
4	16.11	13.45	16.95	14.87	15.74	13.19	16.62	13.62	16.52	13.51	16.30	13.57
5	16.17	13.44	16.38	14.04	16.36	13.51	15.50	13.05	16.75	13.65	16.07	13.26
6	16.49	13.66	16.26	13.84	16.32	13.31	16.39	13.14	16.64	13.89	16.50	13.04
7	16.71	14.16	16.44	13.68	15.46	12.34	16.23	13.36	16.40	13.44	16.69	13.97
8	16.62	14.23	16.53	13.90	15.94	13.05	15.94	12.79	16.43	13.78	16.37	13.52
9	16.67	14.29	16.55	13.79	15.90	12.97	16.45	13.20	16.45	13.93	16.06	13.18
10	16.71	14.34	16.51	13.73	15.92	12.88	16.69	13.86	16.19	13.53	16.17	13.33
11	16.75	14.30	16.35	13.67	15.84	12.84	16.12	13.46	16.12	13.72	16.69	13.36
12	16.73	14.28	16.26	13.12	16.26	13.20	15.99	13.38	16.93	12.96	17.26	13.50
13	16.56	13.98	16.25	13.47	16.14	13.34	16.00	13.44	15.18	12.85	15.87	13.11
14	16.71	13.95	16.28	13.31	15.74	13.14	15.88	12.84	15.87	13.07	15.75	12.71
15	16.91	14.19	16.27	13.53	15.89	13.21	14.94	12.62	16.08	13.55	15.45	12.69
16	16.87	14.46	15.72	13.23	15.95	13.48	15.81	12.56	15.96	13.25	15.63	13.03
17	16.47	13.93	16.31	13.21	16.20	13.45	16.45	13.35	15.62	12.93	15.97	13.45
18	16.27	13.63	16.32	13.80	16.30	13.39	15.95	12.86	15.49	12.82	15.82	13.14
19	16.38	13.65	16.23	13.54	16.29	13.29	15.94	13.10	15.73	13.01	15.62	12.86
20	16.45	13.63	16.36	13.18	16.37	13.23	15.93	12.93	15.87	13.19	15.53	13.03
21	16.53	13.74	16.75	13.77	16.59	13.37	15.51	12.49	15.96	13.39	16.36	12.95
22	16.50	13.78	16.90	13.83	16.45	13.42	15.17	12.50	15.53	13.19	16.35	13.91
23	16.60	13.77	17.07	14.02	16.44	13.04	15.49	12.56	15.39	13.08	16.35	13.71
24	16.59	13.70	16.98	14.01	16.70	13.80	14.99	12.44	15.34	12.85	16.64	13.65
25	16.76	13.69	16.66	13.79	16.21	13.54	14.85	12.37	15.00	12.66	17.78	15.72
26	17.00	14.03	16.46	13.56	16.40	13.55	14.27	12.07	14.96	12.58	17.86	16.41
27	16.84	13.98	16.29	13.53	15.96	13.45	15.04	12.81	14.98	12.72	17.44	15.18
28	16.63	13.71	16.33	13.57	15.57	13.14	15.26	13.09	15.84	13.85	16.28	13.21
29	16.39	13.71	15.58	13.10	15.33	13.14	15.43	13.38	---	---	15.33	12.65
30	16.18	13.48	15.79	13.43	15.28	13.08	15.75	13.26	---	---	15.02	12.63
31	16.32	13.74	---	---	15.45	13.24	15.83	13.13	---	---	15.28	12.69
MEAN	16.56	13.89	16.41	13.69	16.01	13.25	15.75	13.02	15.90	13.24	16.20	13.45

02171730 SANTEE RIVER NR HONEY HILL, S.C--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	15.46	12.83	18.32	13.13	16.44	13.19	16.51	13.24	16.45	13.45	19.23	18.38
2	15.82	12.63	18.38	12.71	16.52	13.16	16.40	13.13	16.58	13.69	19.75	19.02
3	16.26	13.20	18.62	12.64	16.59	13.27	16.40	13.00	16.95	14.48	20.36	19.78
4	16.12	13.13	19.77	13.78	16.61	13.41	16.27	13.15	16.96	14.51	20.66	20.38
5	16.37	13.23	19.78	13.48	16.56	13.31	16.24	13.11	16.82	14.46	20.89	20.66
6	16.03	13.01	19.43	12.83	16.38	13.19	15.96	13.03	16.61	14.33	21.08	20.86
7	16.06	13.04	18.84	12.40	16.14	13.53	15.71	12.77	16.39	14.17	21.23	21.06
8	16.16	13.01	18.49	13.28	16.41	13.42	15.33	12.87	16.04	13.72	21.21	21.04
9	16.04	12.76	19.21	13.39	16.08	13.60	15.72	13.19	16.12	13.71	21.04	20.34
10	15.91	13.12	18.38	12.69	15.85	13.38	15.69	13.21	16.27	13.61	20.32	19.41
11	15.83	12.97	17.79	13.23	15.59	13.13	15.82	13.12	16.36	13.69	19.40	18.66
12	15.51	12.78	17.57	12.94	15.35	12.90	16.05	13.41	16.31	13.50	19.18	18.28
13	15.33	12.89	17.19	12.57	15.89	12.90	16.05	13.33	16.05	13.16	18.51	15.95
14	15.95	13.48	17.05	12.47	16.18	13.44	15.92	13.11	16.07	13.03	17.99	16.07
15	15.95	13.52	16.73	12.65	16.01	13.39	16.14	13.05	16.16	13.00	17.97	15.82
16	15.68	13.27	16.47	13.85	15.59	13.00	16.30	13.20	16.29	13.10	17.55	15.01
17	15.98	13.11	16.40	13.70	15.74	12.72	16.68	13.55	16.43	13.38	17.13	14.65
18	15.73	13.27	16.37	13.36	15.46	12.72	16.81	13.96	16.51	13.64	17.28	14.85
19	15.46	12.89	16.43	13.50	15.53	12.49	16.83	13.84	16.45	13.68	16.97	14.29
20	17.20	12.00	16.42	13.51	15.58	12.85	16.68	13.58	16.54	13.80	16.76	13.96
21	17.56	12.27	16.32	13.26	15.83	12.95	16.52	13.48	16.65	13.78	17.22	14.28
22	17.62	12.47	16.26	13.34	16.01	13.25	16.29	13.34	16.62	13.76	17.07	14.63
23	17.63	12.35	16.18	13.37	16.09	13.26	15.93	13.25	16.70	13.76	17.74	14.45
24	17.72	12.56	16.16	13.16	16.02	13.38	16.47	13.62	16.78	13.90	18.20	16.88
25	17.90	12.21	16.00	13.49	15.93	13.24	17.32	14.27	16.56	13.64	18.86	17.52
26	17.25	12.83	16.39	13.58	15.82	12.95	16.25	13.30	16.38	13.24	18.95	18.24
27	17.78	12.33	16.13	13.47	16.74	13.37	16.23	13.10	16.94	13.66	18.91	18.18
28	17.25	12.55	15.91	13.27	16.79	13.75	16.38	13.15	17.60	14.35	18.65	17.11
29	18.33	12.51	15.92	13.04	16.81	13.62	16.44	13.23	17.45	15.13	17.70	15.38
30	18.93	14.06	16.83	13.40	16.45	13.39	16.51	13.44	18.36	14.92	17.39	14.84
31	---	---	16.74	13.78	---	---	16.51	13.47	18.84	17.73	---	---
MEAN	16.56	12.88	17.31	13.20	16.10	13.21	16.27	13.31	16.69	13.93	18.84	17.33

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, 0.10 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 3.47 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.93 ft Mar. 25, 1975; minimum, 0.03 ft Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.83 ft Sept. 25; minimum, 0.95 ft Jan. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.84	3.18	6.71	3.49	5.74	2.46	6.28	2.49	5.92	2.02	6.32	2.42
2	6.72	2.91	6.52	3.15	6.09	2.86	6.18	2.21	6.21	1.94	6.02	1.88
3	6.72	3.04	6.96	3.19	6.23	2.20	6.28	2.26	6.45	1.63	6.06	2.15
4	6.39	2.65	7.07	4.05	6.07	2.21	6.94	2.60	6.93	2.37	6.67	2.57
5	6.49	2.64	6.57	3.17	6.69	2.56	5.79	1.79	7.15	2.36	6.48	1.88
6	6.82	2.77	6.54	2.81	6.58	2.15	6.79	2.13	6.91	2.39	6.79	1.28
7	6.97	3.31	6.77	2.68	6.07	1.26	6.61	1.95	6.73	1.74	7.07	2.46
8	6.87	3.29	6.81	2.94	6.35	1.92	6.46	1.54	6.54	1.69	6.68	1.80
9	6.89	3.33	6.83	2.76	6.36	1.78	6.93	2.05	6.32	1.86	6.68	1.60
10	6.95	3.38	6.86	2.73	6.39	1.74	7.03	2.72	6.29	1.99	6.58	1.93
11	7.00	3.43	6.68	2.52	6.31	1.71	6.52	2.22	6.42	2.38	6.60	1.90
12	7.01	3.43	6.65	2.29	6.69	2.21	6.35	2.12	7.06	.98	6.88	1.43
13	6.82	3.04	6.61	2.61	6.55	2.28	6.34	2.36	5.36	1.42	5.84	1.95
14	6.99	3.16	6.66	2.48	6.11	2.05	6.23	1.38	5.86	1.73	6.01	1.70
15	7.15	3.43	6.59	2.64	6.27	2.15	5.31	1.52	6.08	1.80	5.84	2.05
16	7.07	3.71	6.04	2.26	6.28	2.43	6.38	2.29	6.23	1.75	5.96	2.41
17	6.72	3.11	6.67	2.77	6.59	2.19	6.89	1.96	6.00	1.51	6.27	2.52
18	6.58	2.81	6.63	2.60	6.72	2.15	6.48	1.57	5.92	1.43	6.17	1.88
19	6.69	2.74	6.56	2.21	6.71	2.02	6.41	1.84	6.17	1.64	6.07	1.80
20	6.77	2.58	6.78	1.92	6.85	1.91	6.43	1.38	6.20	1.70	5.90	1.81
21	6.89	2.55	7.15	2.60	7.06	2.06	6.14	1.17	6.36	2.11	6.72	1.67
22	6.85	2.49	7.32	2.56	6.91	2.14	5.70	1.08	5.91	1.70	6.58	2.63
23	6.99	2.42	7.48	2.87	6.92	1.72	6.05	1.37	5.61	1.71	6.17	2.02
24	7.03	2.32	7.37	2.82	7.07	2.65	5.47	1.23	5.27	1.66	6.11	1.77
25	7.20	2.35	7.03	2.54	6.58	2.32	5.36	1.34	5.18	1.57	6.79	2.44
26	7.41	2.87	6.84	2.46	6.73	2.74	4.98	.95	5.23	1.62	6.66	3.10
27	7.20	2.78	6.65	2.55	6.27	2.41	5.41	1.96	5.26	1.86	6.53	2.55
28	6.99	2.61	6.66	2.40	5.96	2.24	5.59	2.35	5.66	3.06	5.91	1.98
29	6.69	2.54	5.96	2.28	5.54	2.26	5.69	2.66	---	---	5.31	1.80
30	6.50	2.58	6.05	2.50	5.52	2.29	6.00	2.43	---	---	5.19	1.83
31	6.58	3.02	---	---	5.68	2.63	6.15	1.95	---	---	5.55	2.06
MEAN	6.86	2.92	6.73	2.70	6.38	2.18	6.17	1.90	6.12	1.84	6.27	2.04

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.85	1.54	6.37	2.02	6.90	1.72	6.92	1.96	6.65	2.04	6.99	3.54
2	6.26	1.46	6.57	1.74	6.98	1.75	6.78	1.88	7.32	2.23	6.58	3.80
3	6.71	1.93	6.66	1.64	7.10	1.93	6.69	1.87	7.32	3.43	6.64	3.72
4	6.62	1.60	7.33	2.39	6.97	2.08	6.62	1.99	7.18	3.54	6.48	3.81
5	6.92	1.63	7.18	2.19	6.82	2.05	6.60	1.99	6.98	3.47	6.38	3.91
6	6.60	1.33	6.94	1.95	6.73	2.01	6.31	1.93	6.70	3.24	6.35	4.08
7	6.69	1.53	6.88	1.87	6.52	2.33	5.96	1.79	6.51	3.17	6.44	4.31
8	6.55	1.59	6.78	2.66	6.69	2.46	5.63	1.76	6.21	2.75	6.62	4.58
9	6.38	1.43	7.18	2.63	6.35	2.54	5.93	2.28	6.25	2.82	6.65	4.58
10	6.38	1.99	6.63	2.43	6.07	2.29	5.85	2.23	6.48	2.82	6.63	3.98
11	6.18	1.93	6.37	2.90	5.87	2.12	6.18	2.16	6.57	2.91	6.97	3.37
12	5.85	1.84	6.27	2.55	5.61	1.94	6.32	2.69	6.55	2.59	7.77	4.27
13	5.71	2.14	6.09	2.37	6.25	2.04	6.32	2.48	6.33	2.05	7.47	3.63
14	6.23	2.62	6.12	2.48	6.41	2.55	6.17	2.19	6.43	1.86	7.49	3.56
15	6.24	2.45	6.49	2.61	6.32	2.48	6.48	2.06	6.53	1.79	7.48	3.78
16	5.98	2.10	6.67	2.89	5.99	1.87	6.67	2.19	6.70	1.77	7.33	3.53
17	6.34	1.93	6.67	2.72	6.11	1.64	7.04	2.56	6.90	2.09	7.27	3.20
18	6.08	2.00	6.71	2.44	5.84	1.59	7.14	2.88	6.77	2.27	7.17	3.06
19	5.83	1.66	6.72	2.55	6.10	1.34	6.99	2.71	6.74	2.33	7.15	2.95
20	5.79	1.46	6.61	2.62	6.25	1.75	6.80	2.39	6.82	2.49	6.95	2.73
21	6.01	1.58	6.61	2.29	6.40	1.90	6.78	2.24	6.91	2.46	7.00	2.90
22	6.04	1.78	6.46	2.33	6.44	2.22	6.60	2.17	6.87	2.52	7.01	3.14
23	6.03	1.83	6.45	2.47	6.44	2.22	6.22	1.99	6.90	2.71	7.07	2.93
24	6.07	1.99	6.45	2.26	6.34	2.23	6.81	2.42	7.02	2.85	7.47	3.60
25	6.08	1.87	6.31	2.55	6.18	2.03	7.31	2.67	6.77	2.57	7.83	4.05
26	5.78	2.18	6.69	2.62	6.19	1.69	6.55	2.01	6.63	2.08	7.71	4.88
27	5.98	2.03	6.36	2.43	7.02	2.71	6.56	1.82	6.76	2.28	7.45	4.21
28	5.74	2.15	6.14	2.08	7.09	2.62	6.77	1.87	7.03	2.32	7.14	3.71
29	6.33	2.72	6.31	1.88	7.15	2.34	6.80	1.87	6.90	2.77	7.08	3.56
30	6.65	2.67	7.12	2.28	6.80	1.97	6.82	2.06	7.09	2.97	6.91	3.22
31	---	---	7.06	2.42	---	---	6.80	2.05	7.10	3.12	---	---
MEAN	6.20	1.90	6.62	2.36	6.46	2.08	6.56	2.17	6.77	2.59	7.05	3.69

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°11'40", long 79°16'24", Georgetown County, Hydrologic Unit 03050112, near left bank at AIW in Annandale Plantation, 6.5 miles southeast of North Santee.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 18.08 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.99 ft Mar. 17, 1983; minimum, 14.23 ft Jan. 9, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 22.75 ft Nov. 23; minimum recorded, 15.76 ft Jan. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21.72	17.89	21.52	18.24	20.48	17.26	21.03	17.27	20.65	16.77	21.03	17.18
2	21.55	17.66	21.27	17.88	20.82	17.63	20.94	16.95	20.96	16.46	20.78	16.66
3	21.60	17.82	21.81	17.98	21.01	16.94	21.08	17.37	21.29	16.41	20.92	16.73
4	21.12	17.41	21.96	18.65	20.91	17.23	21.84	16.91	21.89	17.08	21.50	17.28
5	21.27	17.39	21.37	17.88	21.55	17.37	20.61	16.60	22.14	17.04	21.35	16.57
6	21.79	17.50	21.33	17.50	21.41	16.56	21.77	16.90	21.84	16.97	21.65	15.96
7	21.87	18.03	21.67	17.33	20.93	16.08	21.45	16.66	21.76	16.43	22.05	17.06
8	21.75	17.95	21.73	17.66	21.22	16.66	21.33	16.28	21.39	16.27	21.54	16.39
9	21.77	18.00	21.80	17.47	21.21	16.49	21.93	16.77	21.11	16.44	21.62	16.22
10	21.83	18.03	21.78	17.45	21.25	16.47	21.98	17.38	21.16	16.68	21.53	16.61
11	21.91	18.09	21.49	17.15	21.22	16.45	21.39	16.68	21.58	17.09	21.46	16.55
12	21.93	18.12	21.51	17.05	21.59	16.96	21.22	16.83	22.11	15.81	21.50	16.03
13	21.68	17.75	21.43	17.37	21.38	17.02	21.15	17.09	20.24	16.20	20.60	16.67
14	21.88	17.89	21.50	17.23	20.90	16.79	21.03	16.16	20.65	16.42	20.77	16.49
15	22.07	18.17	21.40	17.40	21.07	16.89	20.11	16.26	20.93	16.50	20.62	16.82
16	21.95	18.47	20.81	17.00	21.09	17.20	21.30	17.02	21.09	16.49	20.75	17.08
17	21.53	17.86	21.47	17.52	21.40	16.88	21.96	16.42	20.86	16.25	21.06	17.25
18	21.35	17.56	21.46	17.31	21.63	16.70	21.42	16.35	20.81	16.20	21.06	16.59
19	21.50	17.47	21.41	16.61	21.64	16.79	21.30	16.58	21.09	16.41	20.93	16.54
20	21.65	17.30	21.73	16.60	21.81	16.59	21.33	16.08	21.09	16.45	---	---
21	21.77	17.19	22.20	17.21	22.10	16.75	21.10	15.86	21.23	16.82	---	---
22	21.81	17.09	22.52	17.15	21.94	16.84	20.58	15.85	20.77	16.45	---	---
23	21.96	17.00	22.75	17.53	21.92	16.43	20.93	16.12	20.47	16.46	---	---
24	22.06	16.91	22.57	17.49	22.08	17.39	20.33	16.01	20.11	16.46	---	---
25	22.31	16.93	22.08	17.19	21.43	17.05	20.22	16.13	20.08	16.39	---	---
26	22.58	17.52	21.79	17.16	21.63	17.43	19.78	15.76	20.07	16.44	---	---
27	22.26	17.41	21.47	17.28	21.06	17.16	20.24	16.78	20.04	16.70	---	---
28	21.95	17.30	21.48	17.10	20.79	17.00	20.31	17.14	20.33	17.84	---	---
29	21.47	17.27	20.68	17.06	20.27	17.06	20.45	17.53	---	---	---	---
30	21.27	17.30	20.81	17.27	20.23	17.08	20.76	17.23	---	---	---	---
31	21.34	17.77	---	---	20.40	17.45	20.93	16.79	---	---	---	---
MEAN	21.76	17.61	21.63	17.39	21.24	16.92	21.03	16.64	20.99	16.57	21.20	16.67

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	APRIL HIGH-HIGH	APRIL LOW-LOW	MAY HIGH-HIGH	MAY LOW-LOW	JUNE HIGH-HIGH	JUNE LOW-LOW	JULY HIGH-HIGH	JULY LOW-LOW	AUGUST HIGH-HIGH	AUGUST LOW-LOW	SEPTEMBER HIGH-HIGH	SEPTEMBER LOW-LOW
1	---	---	---	---	21.96	16.49	21.94	16.69	21.47	21.47	21.58	17.58
2	21.20	16.87	---	---	22.05	16.47	21.82	16.65	21.63	21.47	21.52	17.74
3	21.70	16.72	---	---	22.23	16.65	21.63	16.61	21.63	21.46	21.29	17.55
4	---	---	---	---	22.01	16.79	21.57	16.75	21.63	21.47	21.08	17.42
5	---	---	---	---	21.74	16.78	21.16	16.79	21.62	18.33	20.92	17.39
6	---	---	---	---	21.57	16.81	21.16	16.75	21.62	18.08	20.87	17.36
7	---	---	---	---	21.45	17.10	20.79	16.64	21.39	18.03	20.93	17.50
8	---	---	---	---	21.58	17.33	20.42	16.58	21.10	17.68	21.11	17.69
9	---	---	---	---	21.16	17.35	20.71	17.16	21.07	17.72	21.21	17.84
10	---	---	---	---	20.86	17.12	20.70	17.11	21.42	17.78	21.31	17.47
11	---	---	---	---	20.70	16.97	20.85	17.04	21.49	17.85	21.68	17.15
12	---	---	---	---	20.43	16.83	21.13	17.56	21.43	17.59	22.67	18.05
13	---	---	---	---	21.11	16.88	21.13	17.37	21.15	16.94	22.51	17.95
14	---	---	20.88	17.27	21.27	17.32	21.04	17.04	21.29	21.12	22.51	17.82
15	---	---	21.31	17.39	21.18	17.31	21.35	16.90	21.45	21.14	22.55	18.03
16	---	---	21.49	17.68	20.89	16.63	21.62	17.01	21.71	21.14	22.51	17.98
17	---	---	21.51	17.58	20.93	16.46	22.06	17.38	21.95	20.91	22.48	17.80
18	---	---	21.64	17.28	20.72	16.42	22.23	17.69	21.82	17.37	22.26	17.65
19	---	---	21.64	17.36	20.99	16.18	22.01	17.47	21.82	17.27	22.31	17.71
20	---	---	21.47	17.40	21.10	16.59	21.82	17.19	21.82	17.37	22.02	17.58
21	---	---	21.53	17.04	21.32	16.67	21.56	17.03	21.93	17.32	22.02	17.68
22	---	---	21.39	17.18	21.30	16.98	21.50	17.01	21.91	17.38	22.03	17.89
23	---	---	21.33	17.33	21.30	16.98	21.16	16.78	22.03	17.59	21.85	17.79
24	---	---	21.18	17.14	21.18	17.00	21.84	17.23	22.03	17.75	22.07	17.85
25	---	---	21.22	17.39	20.98	16.82	22.23	17.43	21.82	17.47	22.52	18.15
26	---	---	21.60	17.47	21.06	16.47	21.45	16.84	21.65	16.96	22.40	18.83
27	---	---	21.15	17.25	21.96	17.88	21.46	16.67	21.80	17.14	22.02	17.92
28	---	---	20.92	16.87	22.07	17.32	21.64	16.73	21.95	17.04	21.93	17.55
29	---	---	21.22	16.68	22.22	17.03	21.62	21.47	21.92	17.39	21.93	18.07
30	---	---	22.14	17.26	21.83	16.71	21.62	21.46	21.74	17.60	21.95	17.92
31	---	---	22.08	17.17	---	---	21.62	21.46	21.73	17.23	---	---
MEAN	21.45	16.80	21.43	17.26	21.37	16.88	21.45	17.44	21.65	18.49	21.87	17.76

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

WATER-QUALITY RECORDS

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

INSTRUMENTATION.--USGS mini-monitor since January 1979.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 63,800 microsiemens, June 28, 1980; minimum, <100 microsiemens many days.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 49,200 microsiemens, June 29; minimum, 100 microsiemens, June 19, 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	40500	32200	36800	42900	31600	37000	36700	15400	33800	38500	16200	33100
2	38700	30700	34900	40900	33200	37300	38400	14300	34100	37300	14900	32900
3	38700	31100	34600	43200	33400	38000	39300	14200	34700	36600	13600	32600
4	36100	30800	33200	43900	33700	38500	37900	18700	34700	44900	31600	36500
5	36000	30200	32300	40300	32700	37100	43100	15600	37400	39200	19300	34200
6	40600	30200	33300	38500	33100	36300	41300	11600	36000	44500	15800	36800
7	41600	30600	35100	40700	33400	36400	40300	15300	33900	40700	30100	36000
8	39900	30800	35800	42300	30600	37200	39600	14800	34400	42000	30200	34800
9	40800	31300	36500	42900	30500	37500	39500	14300	34800	46000	32400	36800
10	41200	32100	37100	41500	31200	37000	40200	13900	34600	44500	32300	37700
11	42300	30400	37200	39700	31200	35800	40000	15000	34600	40200	33300	36200
12	41800	30700	37500	39900	30600	34800	43700	18700	36600	39200	30200	34700
13	40200	32500	36700	39700	32500	35300	40900	18600	36200	39400	32000	34900
14	41800	32700	37000	40100	31900	35000	38300	15300	34700	38300	30400	34200
15	43600	33700	37700	38700	31400	35000	39200	12900	34400	33700	29700	31100
16	42400	33900	37800	37300	31600	34100	40100	14300	36400	40100	29500	33000
17	39300	32400	36200	41600	28100	33900	42000	17600	37300	43800	30900	35500
18	37400	31100	34400	40700	31700	36100	42300	17000	37000	41100	30800	34900
19	37800	31300	33900	39500	28100	35100	43700	30000	37400	39100	32400	35000
20	39600	31100	33900	43100	32300	36900	46100	16200	38100	39100	31500	34200
21	42500	31000	34600	46400	34300	39900	47400	30800	40100	44400	16400	33600
22	42800	30900	35600	47200	34700	40800	46000	21600	39100	39600	16000	33300
23	45500	31500	36900	47400	35300	41500	46800	20500	41000	40200	31400	34100
24	47100	32000	38100	47700	38100	42100	46700	20100	41600	36400	30600	32800
25	47500	33700	40200	46300	35300	41800	42700	32600	40100	34500	30500	31700
26	47800	34600	41600	45600	34000	40700	45400	21000	39700	34000	14300	31000
27	47000	33900	40900	43700	15900	40200	42500	30900	39100	36300	30800	32400
28	44300	29600	39100	42900	13600	38700	39800	28900	36000	36500	31500	33500
29	43000	32200	38800	39400	18800	35900	37400	18200	34500	37200	30500	34100
30	40100	29400	35500	38800	15000	34800	36100	27600	33300	38600	30900	34000
31	41400	30300	36200	---	---	---	35400	25300	32700	38500	30700	32900
MONTH	47800	29400	36400	47700	13600	37400	47400	11600	36400	46000	13600	34100

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	33500	29800	31400	28500	15600	20100	24600	13900	19900	43500	35800	39200
2	31900	28900	30200	25300	15500	19300	34400	17100	24800	45500	32500	38600
3	36400	28500	31100	27800	15300	20700	41100	24000	31200	47000	35400	39300
4	44000	30200	35100	34700	20000	25400	42200	27200	31800	48300	37900	42700
5	44300	30800	36000	31400	21000	25600	41500	29500	33900	47800	30500	43500
6	38000	30400	33200	40800	20000	27800	42200	29700	33400	46800	39300	43400
7	40500	27600	31500	42300	25000	32000	41000	29500	33700	46400	37500	42500
8	34200	25800	30000	37700	25600	30800	41600	30800	34800	48200	39700	43600
9	32200	23100	28200	41300	26300	30200	40000	31900	34800	48100	40000	43600
10	31100	22500	26400	37900	28300	31400	40900	31900	35500	46300	35700	42500
11	31400	23800	27400	38300	27900	31100	40100	29900	34700	45200	39700	42100
12	39200	13900	24200	36800	15100	25300	35800	28900	33400	44300	37600	40800
13	19500	13900	17200	22400	18000	19600	37700	29800	34000	43200	37600	40000
14	23400	400	18600	27600	18600	20900	40500	32300	35500	42800	37200	39300
15	24000	17400	19300	26300	18200	22300	40900	31400	35100	44500	38100	39900
16	25200	14500	18400	29800	21700	25800	38800	30100	34500	45600	38300	40900
17	22200	12300	17200	31300	23600	26900	40800	30900	34900	44000	37900	41100
18	23200	9500	16300	30300	23100	27100	39500	29500	35000	43500	38500	40400
19	27400	8800	16300	30700	23800	27000	37000	29000	33600	44200	37300	40100
20	24800	8100	15700	30600	25500	27900	35000	29800	32300	42100	37600	39500
21	24100	9900	16000	39500	26000	29700	37000	29100	31900	42200	34200	38200
22	18900	6200	12100	36200	28300	31100	38600	28000	32900	41300	35500	37800
23	13200	6900	9270	32500	27000	29700	38900	30700	33500	40700	34100	37200
24	9900	7000	8480	30100	22200	27200	39400	31400	34000	39500	34700	36200
25	10200	4700	7900	27400	15200	22700	39200	31000	33900	39400	34500	36500
26	9700	6500	8160	25300	8400	16200	37100	31400	34100	43300	34800	38000
27	15200	8700	10800	15000	2300	9570	39400	30500	34300	41700	36100	38000
28	20500	13100	16000	6800	4100	5220	37300	30200	33400	40600	34700	37300
29	---	---	---	9700	4400	6780	41000	30000	35100	39300	34500	36700
30	---	---	---	14000	8700	10800	46700	34600	39400	47900	35400	39500
31	---	---	---	20700	11900	15700	---	---	---	47800	29300	40200
MONTH	44300	400	21200	42300	2300	23300	46700	13900	33300	48300	29300	40000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	44200	29700	38900	44800	26000	37200	35200	26200	30500	6900	1100	4360
2	44200	20600	34900	44100	28100	38000	48200	22500	31400	5300	900	3180
3	43100	28900	35200	43700	18400	37100	48300	29100	35700	4200	600	2390
4	42000	28900	34300	45400	23000	38600	43100	29700	35700	3400	300	1720
5	39900	29000	32900	45700	33400	40900	40900	27600	34400	3200	400	1470
6	39900	27900	33200	44600	32200	40000	38600	26100	32800	2600	200	1320
7	37000	27800	31400	42300	18000	38500	36500	24800	30500	2300	400	1400
8	41500	28800	37200	40900	16700	38100	32200	19100	27300	2400	700	1470
9	40800	29000	36900	42000	38100	39600	30100	19300	25700	3200	800	1840
10	39200	29400	36500	41600	36100	39200	30100	14200	23300	4400	1000	2200
11	37700	28300	35100	40100	34100	37500	30400	16000	24400	4900	1000	2590
12	37100	25700	34200	42000	32900	37000	30100	19000	25200	27500	2900	8250
13	40800	27200	33400	40600	33400	36700	29400	17300	25400	25400	3300	11500
14	43100	26600	34500	39900	29400	35600	29800	18800	25600	25900	7600	14800
15	41000	26400	34200	40700	28900	35700	33100	20500	27000	28700	7800	17100
16	37300	25100	30800	42500	32100	36600	40000	20400	29300	29500	9400	18600
17	33900	200	28800	47600	29500	39000	43300	25200	32400	32300	12800	21400
18	33500	200	29000	46400	33600	41700	40300	27300	33700	30600	14500	22700
19	35500	100	26300	47200	35200	42700	41100	27800	34800	33200	15300	24100
20	40300	8700	31000	47200	33500	42400	42700	28700	37000	33300	15000	24900
21	40100	24400	33500	45600	30000	41800	42800	28500	37400	33900	16700	26100
22	43100	28600	35300	45100	33800	40900	43000	26500	37100	31100	18800	26300
23	40700	26100	35400	43700	31100	40100	44000	28900	36900	30000	19300	25000
24	40800	25400	36400	44300	33100	40900	43700	28800	36300	26600	4600	18000
25	40800	24400	35800	48400	27300	35800	40600	28300	35400	28800	3500	13800
26	40200	100	34100	30900	23300	28600	37700	22500	32900	24800	6100	13800
27	48500	25100	36600	34600	20800	28100	37600	26800	32700	13800	2000	7370
28	48200	25500	37100	40800	22900	29200	37200	20100	31200	9100	1900	5360
29	49200	26800	39000	42700	25300	30500	34000	12700	26500	16900	4000	8430
30	45800	27500	37900	39200	23300	30600	29100	4900	19600	19300	8600	13000
31	---	---	---	40200	25800	30500	17500	1300	7900	---	---	---
MONTH	49200	100	34300	48400	16700	37100	48300	1300	30200	33900	200	11500
YEAR	49200	100	31400									

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCELLANVILLE, SC

LOCATION.--Lat 33°08'45", long 79°19'22", Charleston County, Hydrologic Unit 03050112, near right bank in Santee Gun Club, 1.3 mi downstream from Pleasant Creek, 9.0 mi northeast of McCellanville, and at mile 5.1.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected at times by regulation from Lake Marion (see sta 02171080) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.44 ft Nov. 6, 1975; minimum, 15.13 ft Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 22.98 ft Sept. 12; minimum 16.10 ft Jan. 22.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	22.16	18.04	21.77	18.24	20.61	17.30	21.21	17.49	21.01	16.96	21.22	17.94
2	22.01	17.84	21.49	17.89	20.98	17.66	21.12	17.29	21.34	16.59	20.99	18.37
3	22.00	17.99	22.04	18.39	21.23	17.11	21.28	17.44	21.69	16.59	21.07	18.14
4	21.55	17.66	22.19	18.26	21.09	17.25	22.06	17.29	22.26	17.33	21.84	18.09
5	21.73	17.64	21.63	17.87	21.80	17.43	20.77	16.81	22.52	17.33	21.42	18.81
6	22.20	17.74	21.60	17.49	21.65	16.97	21.71	17.06	22.22	17.27	21.55	18.43
7	22.31	18.22	21.90	17.33	21.22	16.30	21.57	17.10	22.11	16.71	22.35	19.12
8	22.15	18.19	21.99	17.62	21.54	16.84	21.49	16.49	21.58	17.03	21.44	17.32
9	22.17	18.20	22.04	17.42	21.50	16.67	22.26	16.94	21.40	17.48	20.48	18.17
10	22.24	18.24	22.03	17.42	21.57	16.63	22.33	17.50	21.42	17.36	21.00	18.22
11	22.37	18.30	21.79	17.24	21.47	16.63	21.63	17.11	21.72	17.59	21.13	17.58
12	22.35	18.33	21.81	17.13	21.89	17.13	21.58	17.17	22.36	17.16	20.86	17.36
13	21.97	17.86	21.73	17.37	21.68	17.18	21.52	17.39	20.45	16.91	20.36	18.09
14	22.16	18.06	21.79	17.29	21.16	16.97	21.41	16.68	20.95	16.82	20.82	17.82
15	22.33	18.31	21.68	17.42	21.38	17.08	20.45	16.74	21.09	17.03	20.42	18.03
16	22.24	18.58	21.06	17.04	21.33	17.38	21.68	17.33	21.39	17.17	20.70	18.09
17	21.84	18.01	21.71	17.53	21.67	17.06	22.30	17.03	21.13	17.28	20.99	18.52
18	21.67	17.72	21.72	17.30	21.94	16.91	21.81	16.81	21.04	17.22	20.30	18.03
19	21.82	17.64	21.71	16.79	21.91	16.93	21.71	16.80	21.21	17.33	20.06	17.77
20	21.95	17.46	21.98	16.73	22.06	16.86	21.63	16.37	21.24	17.54	19.89	17.71
21	22.05	17.40	22.42	17.20	22.31	17.09	21.40	16.20	21.31	17.50	21.13	17.65
22	22.08	17.25	22.76	17.18	22.16	17.22	20.98	16.10	20.58	16.96	20.97	18.12
23	22.26	17.21	22.97	17.51	22.01	17.16	21.33	16.42	20.41	17.02	20.39	17.42
24	22.33	17.16	22.76	17.47	22.25	17.98	20.64	16.27	20.26	17.21	20.67	17.55
25	22.62	17.20	22.26	17.16	21.15	17.55	20.58	16.39	20.03	16.80	21.18	18.18
26	22.78	17.67	22.02	17.15	21.42	17.86	20.09	16.18	20.17	17.15	21.33	18.52
27	22.48	17.41	21.69	17.29	20.79	17.62	20.52	17.04	19.98	17.27	21.29	18.37
28	22.17	17.28	21.63	17.25	20.61	17.42	20.63	17.39	20.48	18.48	20.74	17.95
29	21.74	17.29	20.87	17.24	20.25	17.31	20.79	17.67	---	---	19.92	17.86
30	21.54	17.32	20.93	17.35	20.33	17.43	21.06	17.44	---	---	20.18	18.03
31	21.58	17.76	---	---	20.50	17.63	21.29	17.00	---	---	20.39	18.31
MEAN	22.09	17.77	21.87	17.42	21.40	17.18	21.32	16.93	21.19	17.18	20.87	18.05

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCELLANVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20.63	18.38	21.56	16.92	22.37	16.63	22.35	16,81	21.93	16.97	21.98	17.65
2	21.31	18.23	21.89	16.64	22.45	16.59	22.26	16.79	22.67	17.12	21.84	17.79
3	21.76	18.26	22.00	16.51	22.62	16.78	22.04	16.78	22.49	18.25	21.62	17.58
4	21.92	16.53	22.91	17.21	22.41	16.91	22.00	16.95	22.34	18.38	21.41	17.51
5	22.34	16.57	22.72	16.97	22.15	16.94	21.60	16.94	22.20	18.30	21.25	17.52
6	21.99	16.26	22.43	16.82	21.87	17.03	21.53	16.95	21.91	18.13	21.18	17.50
7	22.13	16.46	22.18	16.80	21.88	17.27	21.19	16.81	21.66	18.09	21.18	17.61
8	21.86	16.58	22.47	17.50	21.92	17.42	20.81	16.75	21.41	17.72	21.39	17.75
9	21.55	16.40	22.65	17.51	21.44	17.45	21.03	17.28	21.31	17.82	21.50	17.86
10	21.51	16.95	21.86	17.40	21.22	17.24	20.98	17.23	21.68	17.90	21.61	17.53
11	21.41	16.95	21.52	17.86	21.04	17.14	21.19	17.19	21.78	17.97	22.01	17.18
12	21.07	16.88	21.41	17.53	20.81	17.04	21.48	17.66	21.75	17.64	22.98	18.08
13	20.89	17.13	21.20	17.35	21.47	17.06	21.48	17.50	21.61	17.08	22.80	17.99
14	21.37	17.62	21.24	17.47	21.61	17.46	21.39	17.20	21.79	16.85	22.81	17.90
15	21.41	17.30	21.68	17.54	21.56	17.44	21.72	17.00	21.87	16.78	22.83	18.14
16	21.19	17.09	21.85	17.82	21.22	16.83	22.03	17.13	22.11	16.74	22.76	18.07
17	21.49	16.96	21.90	17.71	21.40	16.66	22.43	17.47	22.35	17.00	22.73	17.87
18	21.30	16.91	22.07	17.40	21.15	16.69	22.57	17.71	22.18	17.21	22.50	17.69
19	21.02	16.62	22.02	17.48	21.44	16.39	22.35	17.55	22.16	17.25	22.51	17.71
20	21.02	16.47	21.90	17.58	21.55	16.76	22.19	17.28	22.21	17.40	22.30	17.57
21	21.24	16.56	21.92	17.26	21.74	16.84	21.93	17.13	22.20	17.36	22.26	17.70
22	21.32	16.79	21.85	17.31	21.68	17.18	21.84	17.13	22.18	17.40	22.28	17.93
23	21.26	16.89	21.80	17.57	21.71	17.18	21.53	16.88	22.34	17.63	22.14	17.77
24	21.31	17.03	21.56	17.31	21.59	17.18	22.16	17.34	22.34	17.78	22.38	17.87
25	21.07	16.98	21.59	17.54	21.41	16.98	22.59	17.50	22.13	17.54	22.78	18.20
26	20.98	17.21	21.95	17.59	21.44	16.66	21.82	16.91	21.93	17.04	22.75	18.88
27	21.14	17.10	21.52	17.41	22.38	17.99	21.85	16.79	22.09	17.19	22.36	18.10
28	20.88	17.22	21.33	17.04	22.47	17.45	22.07	16.85	22.23	17.14	22.21	17.52
29	21.47	17.57	21.55	16.85	22.60	17.14	22.20	16.78	22.25	17.46	22.26	18.08
30	21.86	17.43	22.50	17.38	22.23	16.81	22.20	16.89	22.11	17.68	22.25	17.95
31	---	---	22.46	17.23	---	---	22.20	16.94	22.09	17.29	---	---
MEAN	21.39	17.04	21.92	17.31	21.76	17.04	21.84	17.10	22.04	17.49	22.16	17.82

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

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

INSTRUMENTATION.--Servo Programmer January 1979-October 1982, USGS mini-monitor since October 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 60,800 microsiemens, December 12, 1982; minimum, less than 100 microsiemens, many days each year.

EXTREMES FOR THE CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum 53,800 microsiemens, June 12; minimum, less than 100 Sept. 2-11, 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1				---	---	---	39400	25200	32100	38500	25600	32000
2				---	---	---	39500	26900	32100	38500	26800	32300
3				---	---	---	38200	26700	31800	39700	24900	31700
4				---	---	---	37200	25100	31000	41800	25900	33200
5				---	---	---	40900	26000	33600	32600	20700	27500
6				---	---	---	38900	21900	30200	36500	22500	29600
7				---	---	---	37600	17300	28400	33000	23400	28500
8				---	---	---	38600	22700	30700	41600	25400	30900
9				---	---	---	38900	20400	30600	48800	24400	35800
10				---	---	---	38900	22400	31100	48700	27500	36700
11				---	---	---	44000	22300	31800	39700	25100	33000
12				---	---	---	43100	24200	33400	39800	25500	32700
13				---	---	---	40800	25900	33100	39500	26800	33500
14				---	---	---	39400	24800	31100	39900	23800	32300
15				---	---	---	40600	25700	32300	42500	21200	28700
16				---	---	---	40700	25300	33200	45700	18200	30500
17				---	---	---	41100	26000	33900	47800	21000	33400
18				---	---	---	43000	26900	34800	42900	20600	32200
19				---	---	---	44200	25300	34700	43000	19600	33000
20				---	---	---	42700	25600	35000	46900	18800	32700
21				---	---	---	43200	27100	36100	43900	19100	29800
22				---	---	---	40400	27800	34500	42000	21100	30100
23				---	---	---	40200	29900	35500	42100	21000	29600
24				---	---	---	40600	29900	35200	42700	22400	31400
25				---	---	---	37100	33100	35400	46100	24300	33400
26				---	---	---	37300	26500	31800	43900	22700	30500
27				---	---	---	33400	26400	29700	43300	25200	34500
28				42100	28500	35500	32400	24000	28300	43900	28400	35200
29				39000	24000	31600	34500	25100	28800	43100	25600	34300
30				40600	27600	32900	34800	24000	29000	39100	23100	31200
31				---	---	---	36900	25800	30300	41700	22900	34300
MONTH				42100	24000	33300	44200	17300	32200	48800	18200	32100

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	45300	23300	35000	28600	10400	18800	43100	22800	31300	40100	29100	35100
2	45300	20500	34200	26600	8800	17300	43400	19500	33000	44400	29000	35600
3	45700	16400	34200	30000	9000	18300	45500	20100	33700	44900	27200	36800
4	48100	24900	35500	36400	12600	23200	45900	20200	29000	51800	29000	39500
5	47500	25400	35600	30700	13100	22100	48700	20500	35900	51200	32500	42600
6	40100	15800	29000	41700	11300	26000	47400	27800	38700	50300	27500	40500
7	44100	11200	24800	45100	16500	30100	47900	27600	38500	47800	32000	40900
8	34600	11500	21100	36300	16400	27400	45700	27700	37300	47800	31700	39000
9	32100	6900	18400	41000	15000	26500	43000	24400	33600	51800	24700	40200
10	32500	7000	18900	37300	18000	27500	40600	21300	32800	45400	24300	37100
11	32000	12900	21800	37100	17900	26500	35400	24300	31400	41300	26500	36000
12	42300	5400	18600	36200	5400	19600	35900	21600	29500	42500	27800	36100
13	33900	7100	15200	33100	6400	16600	38300	17500	30000	39500	30100	35200
14	32700	10700	19500	31500	9500	17800	39800	21800	31600	40000	28600	34800
15	31200	8200	17700	28000	12000	19000	40400	19700	31200	43400	28900	36000
16	31800	5700	17600	33400	14900	21300	37800	22900	30400	44400	31400	37900
17	34000	5900	18400	30600	14400	22500	39500	18800	28600	43900	30700	37600
18	31900	8700	17700	29600	12700	19600	35700	17500	29100	44100	28800	36500
19	29100	11000	17500	28900	12100	20700	34100	17500	26800	45400	29300	36900
20	28200	11400	18300	30000	14300	22100	35500	16500	26600	43400	29500	36700
21	28700	9600	17900	40900	14600	25600	39300	20100	29300	46100	27200	35600
22	22600	9800	15300	38200	18100	27500	39500	23400	30500	43600	28700	35800
23	19500	8100	13500	30600	13800	23300	40200	22600	30700	47600	31800	36700
24	25200	8000	14000	30700	10700	20300	41800	24200	32100	48400	28600	37200
25	28200	8300	15000	23600	3000	13800	44100	23100	32100	48500	28300	37600
26	26200	8600	16100	23200	900	6250	45300	25900	33300	47000	31100	38600
27	26200	10500	16800	9800	700	3270	42600	24900	33300	45800	31400	38100
28	26700	12000	18300	18000	900	6600	43300	25500	33200	48100	31100	39000
29	---	---	---	25000	7900	15500	42400	24600	34800	50300	29800	40600
30	---	---	---	34700	15200	23300	46100	29600	37000	51400	30900	42300
31	---	---	---	37300	22100	29700	---	---	---	48800	32500	41700
MONTH	48100	5400	21300	45100	700	20600	48700	16500	32200	51800	24300	37900
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	49100	29000	40000	50000	31600	39900	39200	18100	28000	2500	200	1160
2	50600	29800	40300	48800	31700	39600	50900	16100	28500	1600	<100	589
3	51600	32100	41600	48900	32200	39500	50300	22800	35900	800	<100	482
4	51400	34600	43200	49200	33800	40100	48300	24200	35500	800	<100	426
5	50300	35800	43200	49000	32400	40100	43000	24200	33600	700	<100	338
6	50300	34600	42200	49300	33400	40400	37400	23200	30800	800	<100	334
7	48600	32700	41200	51100	27200	39900	34800	22900	29100	600	<100	344
8	48000	32200	40300	50900	30500	40300	32600	20000	26100	600	<100	266
9	49900	32900	40500	47300	32100	40300	31200	19000	25700	500	<100	226
10	50200	31900	40600	48000	34200	41000	32800	17500	24400	600	<100	288
11	49700	33200	41400	49800	32200	41300	33700	17600	25000	2800	<100	523
12	53800	34300	43200	47800	30100	39100	34700	16800	24900	29200	200	4950
13	51500	29700	42100	46100	28900	38100	35600	15600	24600	30000	200	6390
14	50200	32200	42700	45300	28200	36500	36500	16100	24900	33600	200	8800
15	46600	31600	40200	44300	29000	36200	39300	18700	27100	36000	800	13400
16	43200	25900	35000	48200	29200	38100	44800	19900	29400	36200	1300	16500
17	43400	24000	32600	51300	29900	40100	47800	23000	33400	38900	1900	18400
18	48300	25400	34400	52000	33000	42000	44300	27000	36300	36000	2100	16400
19	43600	25300	34100	50300	32100	42100	44700	26900	36100	40200	2500	17200
20	44900	25700	34700	49300	33000	41000	44900	27900	37100	37100	4900	17100
21	44800	25600	35100	48900	33300	40900	45600	27600	36800	38500	7400	18800
22	44500	27800	35600	48300	33900	40800	43600	26800	35800	33600	5800	17400
23	42800	28100	35300	48100	29300	40100	45000	26700	35700	29600	6100	16400
24	41900	29700	35500	49800	30200	40700	45100	26300	36300	25600	1700	11400
25	41900	29300	35800	51000	19000	38100	43100	26100	35100	31300	800	10600
26	46000	28200	37300	38900	14900	27500	41700	22900	32500	30200	200	10200
27	51700	32300	41500	40300	14300	27100	43300	21500	32300	14500	200	4880
28	51000	31500	42000	43200	14000	28200	43500	12200	29300	14200	<100	3060
29	51600	32200	42700	44300	15200	28400	36500	5600	22600	17000	200	5140
30	48400	30700	40900	42800	16100	27700	26900	3000	14400	19800	200	7110
31	---	---	---	44900	17100	28100	10000	200	3180	---	---	---
MONTH	53800	24000	39200	52000	14000	37500	50900	200	29400	40200	<100	7640
YEAR	53800	<100	29100									

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.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1924 (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal (see sta 02170500) from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 33,170,000,000 ft^3 between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 16,600,000,000 ft^3. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 76.21 ft, Oct. 14, 1959 (affect by high wind); minimum, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.44 ft, May 16; minimum, 71.37 ft Jan. 21.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

68.0 ft	12.37 ft^3
70.0 ft	16.47 ft^3
72.0 ft	20.91 ft^3

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.21	74.08	74.00	72.07	72.42	73.31	74.94	75.14	74.85	74.74	74.81	74.61
2	74.06	74.06	74.07	72.06	72.30	73.50	74.85	75.10	74.83	74.70	74.81	74.70
3	73.97	73.98	74.18	72.07	72.16	73.62	74.76	75.05	74.83	74.69	74.82	74.67
4	73.97	73.93	73.96	71.91	71.95	73.70	74.62	75.00	74.76	74.65	74.83	74.58
5	73.99	73.89	73.72	71.75	71.92	73.77	74.47	75.00	74.79	74.73	74.81	74.26
6	73.97	73.82	73.78	71.61	71.91	73.78	74.76	75.14	74.72	74.75	74.81	74.03
7	74.00	73.67	73.48	71.59	71.96	73.86	74.87	75.20	74.98	74.77	74.76	74.18
8	73.98	73.57	73.48	71.59	72.03	73.96	74.97	75.13	75.06	74.75	74.76	74.55
9	73.93	73.49	73.55	71.65	72.23	74.03	74.84	75.21	75.05	74.71	74.73	74.87
10	73.93	73.39	73.58	71.74	72.52	74.06	74.74	75.12	75.05	74.70	74.73	74.69
11	73.96	73.60	73.56	71.72	72.82	74.00	74.73	75.13	75.18	74.72	74.69	74.90
12	73.96	73.58	73.45	71.65	73.20	74.22	74.69	75.14	75.23	74.65	74.54	75.00
13	73.96	73.46	73.36	71.54	73.42	74.28	74.74	75.23	75.19	74.64	74.64	74.97
14	73.92	73.38	73.25	71.68	73.56	74.40	74.90	75.30	75.09	74.67	74.68	74.99
15	73.83	73.41	73.10	71.67	73.72	74.45	74.94	75.27	75.13	74.61	74.76	75.05
16	73.82	73.55	72.94	71.57	73.82	74.59	74.95	75.29	75.15	74.65	74.82	75.11
17	73.84	73.56	72.75	71.58	73.88	74.29	74.84	75.30	75.10	74.70	74.74	75.05
18	73.88	73.56	72.66	71.68	73.90	74.30	74.82	75.23	75.04	74.66	74.98	75.01
19	73.88	73.63	72.58	71.73	73.91	74.32	74.75	75.11	75.01	74.66	74.78	74.96
20	73.87	73.52	72.47	71.90	73.89	74.42	74.91	75.12	74.93	74.63	74.49	74.88
21	73.88	73.54	72.50	71.37	73.86	74.47	75.05	75.09	74.86	74.62	74.28	74.81
22	73.87	73.65	72.50	71.52	73.82	74.72	75.12	75.21	74.84	74.66	74.13	74.85
23	73.87	73.73	72.45	71.80	73.75	74.73	75.09	75.04	74.83	74.61	74.08	74.47
24	73.82	73.76	72.46	72.01	73.65	74.85	75.09	75.04	74.78	74.45	74.11	74.27
25	73.90	73.77	72.47	72.28	73.52	74.67	75.11	74.99	74.78	74.39	74.37	74.00
26	73.99	73.75	72.34	72.15	73.48	74.55	74.99	74.91	74.81	74.47	74.68	73.92
27	74.01	73.77	72.26	72.20	73.29	74.59	75.04	74.80	74.72	74.54	74.74	73.86
28	74.05	73.85	72.17	72.25	73.20	74.54	75.04	74.77	74.63	74.64	74.61	73.84
29	74.03	73.74	72.12	72.29	---	74.52	75.12	74.71	74.68	74.68	74.84	73.82
30	74.10	73.85	72.14	72.35	---	74.65	75.17	74.84	74.78	74.66	74.74	73.79
31	74.09	---	72.07	72.36	---	74.77	---	74.81	---	74.67	74.61	---
MAX	74.21	74.08	74.18	72.36	73.91	74.85	75.17	75.30	75.23	74.77	74.98	75.11
MIN	73.82	73.38	72.07	71.37	71.91	73.31	74.47	74.71	74.63	74.39	74.08	73.79
(+)	25.98	25.37	21.07	21.76	23.76	27.72	28.77	27.83	27.75	27.47	27.31	25.22
(*)	-56	-235	-1,605	258	827	1,479	405	-351	-31	-105	-60	-806

CAL YR 1984 * -231 MAX 75.62 MIN 72.07
WTR YR 1985 * -29 MAX 75.30 MIN 71.37

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

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 junction of Mepkin Creek at river mile 36.7.

PERIOD OF RECORD.--May 1982 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1982 to current year.

INSTRUMENTATION.--USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 369 microsiemens June 19, 1983; minimum, 48 microsiemens May 25, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 205 microsiemens Sept. 17; minimum, 74 microsiemens several days in Nov.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	88	84	85	91	82	85	79	78	79	85	81	83
2	85	81	83	87	81	84	80	79	79	84	81	84
3	85	80	83	86	80	83	80	78	79	85	81	83
4	90	81	85	85	80	83	80	75	78	84	81	83
5	91	84	87	87	80	84	79	75	78	85	84	84
6	88	84	85	83	77	82	79	78	78	85	84	85
7	88	84	85	81	77	80	79	78	78	85	84	85
8	85	84	85	79	74	75	79	78	79	85	84	84
9	89	84	86	78	74	75	79	78	79	85	84	84
10	91	84	85	75	74	75	80	78	79	85	84	85
11	90	84	85	75	74	75	80	78	79	85	84	85
12	91	84	87	78	74	75	80	78	79	85	84	84
13	95	85	90	78	74	76	80	79	80	85	84	84
14	94	89	90	75	74	74	81	79	80	85	84	85
15	94	89	91	75	74	75	81	79	80	88	84	86
16	91	89	90	78	74	75	81	80	80	88	84	86
17	94	89	91	78	74	76	81	80	80	90	85	86
18	91	89	90	78	75	76	84	80	81	90	85	88
19	98	90	91	78	74	76	85	81	83	91	88	89
20	94	90	91	78	74	75	84	80	81	90	88	89
21	91	89	90	75	74	75	81	80	80	89	88	89
22	91	88	90	78	74	75	81	80	80	91	89	90
23	91	89	89	78	74	75	85	80	81	91	90	90
24	134	89	93	79	75	76	81	80	80	94	90	91
25	91	89	90	80	75	77	81	80	80	94	90	91
26	104	89	91	80	75	78	81	80	80	94	90	93
27	106	87	89	80	78	78	81	80	80	94	90	91
28	92	86	88	80	78	78	84	80	81	94	90	92
29	90	85	87	80	75	78	84	80	81	94	91	92
30	126	85	88	78	75	78	84	81	82	95	91	94
31	88	83	86	---	---	---	84	81	82	95	91	94
MONTH	134	80	88	91	74	78	85	75	80	95	81	87

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	95	94	94	91	90	90	101	91	95	121	94	100
2	95	91	94	94	90	91	101	94	98	105	94	95
3	95	91	92	94	89	91	95	91	94	100	94	95
4	95	90	92	91	89	90	100	94	97	95	94	95
5	95	91	93	94	90	91	100	90	93	98	94	95
6	94	90	91	91	90	90	95	90	91	99	94	95
7	94	90	91	94	88	90	98	90	94	105	98	101
8	95	91	92	91	89	90	114	94	102	131	104	112
9	94	91	92	94	89	91	131	91	103	115	100	110
10	95	91	94	95	89	90	100	90	94	115	108	111
11	95	91	94	91	88	90	98	90	95	111	101	108
12	95	91	94	94	89	91	94	90	93	115	110	112
13	95	94	95	94	90	91	96	91	92	115	110	111
14	95	94	94	95	90	93	96	91	93	119	110	113
15	95	94	94	95	90	92	104	91	96	121	110	117
16	95	94	95	95	90	92	99	92	95	120	110	115
17	95	94	95	91	88	90	94	87	90	111	110	111
18	95	94	95	91	88	89	93	86	88	118	110	112
19	95	94	95	94	89	91	91	86	89	118	111	113
20	95	94	95	94	89	90	91	88	90	115	110	112
21	95	94	95	95	91	92	94	89	91	114	110	111
22	95	94	95	94	90	92	99	88	94	111	109	110
23	95	90	92	94	90	92	102	88	96	115	110	111
24	91	88	89	95	91	94	92	86	89	120	111	114
25	90	88	89	99	94	95	91	90	90	121	111	114
26	91	89	90	100	94	98	94	90	90	119	110	115
27	95	88	92	95	90	92	94	90	91	119	111	115
28	95	90	92	91	88	89	95	90	92	118	111	114
29	---	---	---	91	89	90	95	94	95	115	111	114
30	---	---	---	94	90	91	104	94	97	115	114	115
31	---	---	---	94	90	91	---	---	---	115	114	114
MONTH	95	88	93	100	88	91	131	86	94	131	94	109

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	119	110	115	110	99	100	101	99	100	115	100	106
2	121	110	117	105	98	100	101	99	100	125	100	105
3	120	110	116	101	98	100	101	99	100	135	100	116
4	121	101	113	105	99	101	101	98	100	134	101	114
5	115	95	103	105	99	101	105	99	101	129	101	111
6	108	95	99	105	100	102	104	99	101	124	110	112
7	110	98	100	105	100	102	105	100	101	121	110	112
8	105	94	98	110	100	105	138	100	103	131	110	118
9	101	95	98	111	100	105	105	100	102	130	110	116
10	101	95	99	110	101	104	104	100	101	131	110	117
11	101	95	99	105	101	103	101	100	101	125	110	114
12	101	95	98	105	101	104	104	100	101	130	110	116
13	98	94	96	105	100	103	105	100	101	124	110	114
14	99	94	95	105	101	104	111	100	105	130	110	112
15	98	94	95	110	100	104	111	104	106	121	110	112
16	98	94	95	111	99	102	109	101	105	144	114	124
17	99	94	96	104	99	100	110	100	104	205	118	142
18	99	94	95	111	100	101	111	100	106	128	111	116
19	101	94	95	125	100	103	105	101	104	131	110	118
20	99	94	95	125	100	104	105	100	104	125	110	118
21	99	94	95	120	100	103	110	100	104	131	110	119
22	101	94	95	121	101	107	110	104	105	125	110	118
23	99	94	96	121	104	107	110	100	104	128	110	117
24	100	95	97	121	101	108	105	104	105	129	110	117
25	100	98	99	105	100	102	110	101	105	125	110	116
26	101	98	100	111	100	104	111	101	108	135	114	117
27	105	98	100	114	100	105	114	100	107	119	111	115
28	105	98	101	109	100	103	109	104	107	120	111	115
29	110	98	101	108	100	103	110	105	107	120	114	115
30	108	98	100	105	100	102	114	104	108	131	114	120
31	---	---	---	105	98	100	109	95	104	---	---	---
MONTH	121	94	100	125	98	103	138	95	104	205	100	116
YEAR	205	74	95									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC

LOCATION.--Lat 33°05'54", long 79°57'17", 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.

PERIOD OF RECORD.--October 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April to current year.
pH: April to current year.
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: April to current year.

INSTRUMENTATION.--Servo Programmer August 1975 to April 1983 USGS water-quality monitor since April 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept. 17, 1985; minimum, 63 microsiemens, May 23, 24, 1983.
pH: Maximum, 7.9 units, May 6, 1983; minimum, 6.3 units several days in June, July, and Aug., 1984.
WATER TEMPERATURE: Maximum, 31.4°C, July 26-27, 1982; minimum, 2.5°C, Jan. 12-13, 1981.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 7, 1984; minimum 2.7 mg/L, May 30, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept. 17; minimum, 84 microsiemens, several days in Oct. and Nov.
pH: Maximum, 7.8 units Feb. 21; minimum, 6.5 units, several days in Mar, Apr, May, and June.
WATER TEMPERATURE: Maximum, 30.5°C, July 21, Aug. 14, 20; minimum, 5.5°C, Jan. 27.
DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 21; minimum, 3.0 mg/L, Sept. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	86	84	86	89	85	87	---	---	---	94	93	93
2	87	84	86	86	85	86	---	---	---	94	93	94
3	87	85	86	86	85	86	---	---	---	94	93	93
4	87	85	86	86	85	86	---	---	---	94	92	93
5	87	85	86	86	85	86	---	---	---	95	93	94
6	87	85	86	86	85	86	87	86	86	94	93	94
7	87	85	86	86	84	85	87	86	86	95	94	94
8	87	85	86	85	85	85	87	86	87	96	94	95
9	87	85	86	86	84	85	87	86	87	95	95	95
10	87	85	86	85	85	85	88	87	87	96	95	95
11	87	84	86	86	85	86	87	87	87	96	95	95
12	86	84	85	87	85	87	87	87	87	96	95	96
13	88	85	86	---	---	---	87	87	87	97	96	96
14	89	85	87	---	---	---	88	87	88	97	97	97
15	90	86	87	---	---	---	88	87	88	98	97	97
16	89	86	87	---	---	---	88	88	88	98	97	97
17	90	86	88	---	---	---	88	88	88	98	97	98
18	89	86	87	---	---	---	91	89	90	99	97	98
19	89	87	88	---	---	---	92	91	92	100	98	99
20	89	86	87	88	86	87	92	91	91	100	99	99
21	88	85	86	87	85	86	91	90	91	100	99	99
22	88	85	86	---	---	---	93	91	92	101	101	101
23	87	85	86	---	---	---	95	91	92	105	101	103
24	89	86	87	---	---	---	92	91	91	106	104	104
25	89	86	87	---	---	---	94	91	92	106	104	105
26	91	87	88	---	---	---	92	91	92	105	104	104
27	92	86	89	93	87	90	92	91	92	105	104	105
28	88	85	87	88	87	88	92	91	92	105	105	105
29	87	86	86	---	---	---	93	92	92	106	104	105
30	88	86	87	---	---	---	93	92	93	106	105	106
31	90	88	88	---	---	---	94	92	93	107	105	105
MONTH	92	84	87	93	84	86	95	86	90	107	92	99

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	107	105	106	---	---	---	105	93	97	184	95	109
2	108	105	106	97	95	96	117	96	103	125	94	102
3	105	104	105	96	93	94	107	92	97	114	94	98
4	105	104	105	94	93	93	100	91	94	99	92	94
5	105	104	105	96	94	95	96	86	93	95	92	93
6	104	103	104	95	92	94	96	91	93	96	92	94
7	104	104	104	92	91	92	106	93	97	114	93	102
8	105	104	105	92	91	92	133	96	110	163	97	119
9	105	104	105	92	91	92	179	94	115	131	94	101
10	105	105	105	93	91	92	118	91	96	123	93	99
11	106	105	105	92	90	91	96	91	92	98	94	95
12	108	105	106	95	92	93	93	92	92	95	93	94
13	108	106	107	97	95	96	95	92	93	98	93	95
14	107	106	107	97	95	96	97	93	95	104	94	98
15	107	107	107	98	95	97	123	95	103	113	96	101
16	108	107	107	99	94	96	132	96	106	110	94	100
17	107	107	107	96	91	93	105	92	96	97	93	95
18	107	107	107	91	90	90	102	91	94	95	91	93
19	107	106	107	94	90	92	93	91	92	94	91	93
20	107	106	107	92	90	91	94	92	93	94	92	94
21	107	106	107	92	91	92	96	93	95	95	94	95
22	107	106	107	93	91	92	105	95	98	96	94	95
23	107	103	105	95	92	93	108	95	100	96	94	95
24	104	98	100	98	94	95	100	92	95	95	94	95
25	100	99	99	107	96	100	94	92	93	95	93	94
26	101	99	100	129	97	104	93	92	93	95	94	94
27	101	98	99	106	90	95	94	92	93	96	94	95
28	98	95	97	92	89	90	95	93	94	96	95	95
29	---	---	---	92	89	90	97	94	95	97	96	96
30	---	---	---	92	90	91	122	94	100	98	96	97
31	---	---	---	93	91	92	---	---	---	98	97	97
MONTH	108	95	105	129	89	94	179	86	97	184	91	97

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	101	96	98	125	100	109	105	102	104	110	105	107
2	104	96	99	140	98	107	105	102	104	109	106	108
3	108	98	103	110	98	102	105	102	103	112	107	110
4	118	97	104	118	99	105	104	102	103	114	110	112
5	---	---	---	123	100	106	104	103	103	115	112	114
6	---	---	---	119	99	106	105	103	104	116	113	114
7	130	100	110	111	100	104	106	104	105	116	114	115
8	---	---	---	113	101	107	107	99	105	118	116	117
9	---	---	---	---	---	---	107	105	106	120	117	118
10	106	98	101	---	---	---	107	89	104	123	117	120
11	105	99	101	---	---	---	107	105	106	121	117	118
12	104	99	101	---	---	---	107	99	106	128	116	120
13	101	97	99	---	---	---	107	103	106	127	115	119
14	99	97	98	---	---	---	109	106	108	123	115	118
15	99	97	98	---	---	---	111	108	109	134	115	121
16	99	97	98	---	---	---	115	102	109	190	117	140
17	100	97	98	121	103	115	121	108	112	334	124	182
18	99	97	98	134	105	113	127	107	113	175	117	129
19	98	96	97	152	103	116	118	106	111	141	109	126
20	98	95	97	156	104	119	107	106	107	126	112	118
21	98	97	98	151	105	119	108	107	108	122	117	119
22	99	97	99	147	107	130	108	107	108	122	117	119
23	100	98	99	---	---	---	109	107	108	122	102	115
24	101	99	100	166	107	125	109	108	109	121	105	118
25	104	100	101	0	102	104	111	109	110	121	118	119
26	105	101	102	0	103	104	112	110	111	125	119	122
27	116	100	104	---	104	107	112	110	111	133	120	123
28	115	100	105	---	---	---	112	110	111	130	119	122
29	126	101	109	---	---	---	111	108	111	126	119	121
31	---	---	---	---	103	104	112	104	109	---	---	---
MONTH	130	95	101	166	98	111	127	89	108	334	102	121
YEAR	334	84	100									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.5	26.0	27.5	27.0	27.0	30.0	29.0	29.5	27.5	26.5	27.0
2	28.0	26.5	27.0	28.0	27.0	27.5	29.5	29.0	29.0	28.0	27.0	27.5
3	28.5	27.5	28.0	28.5	27.0	28.0	29.5	28.5	29.0	28.5	27.5	27.5
4	28.5	27.0	28.0	28.5	27.5	28.5	29.5	28.5	29.0	28.5	27.5	28.0
5	---	---	---	28.5	27.5	28.0	29.0	28.5	28.5	29.0	28.0	28.5
6	---	---	---	28.5	27.5	28.0	29.5	28.5	28.5	29.0	28.0	28.5
7	27.5	26.0	27.0	28.5	27.5	28.0	29.5	28.5	29.0	29.0	28.5	29.0
8	---	---	---	28.5	28.0	28.0	28.5	28.5	28.5	29.5	29.0	29.5
9	---	---	---	---	---	---	28.5	28.0	28.0	30.0	29.5	29.5
10	28.5	27.5	28.0	---	---	---	29.0	28.0	28.5	30.0	29.0	29.5
11	28.5	27.5	28.0	---	---	---	29.5	28.5	29.0	30.0	29.0	29.5
12	28.0	27.5	27.5	---	---	---	29.5	29.0	29.5	29.5	29.0	29.5
13	27.5	27.0	27.5	---	---	---	30.0	29.0	29.5	29.0	27.5	28.0
14	27.5	27.0	27.0	---	---	---	30.5	29.5	30.0	27.5	25.5	26.5
15	27.0	26.5	26.5	---	---	---	30.0	29.0	29.5	26.0	25.0	25.5
16	26.5	26.5	26.5	29.5	29.0	29.0	30.0	29.0	29.5	25.5	25.0	25.0
17	27.5	26.5	27.0	30.0	29.5	29.5	30.0	29.0	29.5	26.0	25.0	25.0
18	28.0	27.0	27.5	30.0	29.0	29.5	30.0	29.0	29.5	25.5	25.0	25.5
19	27.5	27.0	27.5	30.0	29.0	29.5	30.0	29.0	29.5	25.5	25.0	25.5
20	28.0	27.0	27.5	30.0	29.0	29.5	30.5	29.5	30.0	25.5	25.0	25.0
21	28.0	27.0	27.5	30.5	29.5	30.0	30.0	29.5	30.0	25.0	25.0	25.0
22	28.0	27.0	27.5	30.0	29.0	29.5	30.0	29.0	29.5	25.5	25.0	25.0
23	28.0	27.0	27.5	29.5	29.0	29.0	30.0	29.5	29.5	25.5	25.0	25.5
24	28.0	27.5	28.0	29.0	28.5	29.0	30.0	29.0	29.5	26.0	25.5	26.0
25	28.5	28.0	28.0	28.5	28.0	28.5	29.5	29.0	29.0	26.5	25.5	26.0
26	28.5	28.0	28.5	29.0	28.5	28.5	29.5	28.5	29.0	26.0	25.5	26.0
27	28.5	28.0	28.0	29.0	28.5	29.0	29.5	28.5	29.0	26.0	25.0	25.5
28	28.0	27.5	27.5	29.0	28.5	28.5	29.5	28.5	29.0	25.5	24.5	25.0
29	27.5	27.5	27.5	28.5	28.0	28.5	29.0	28.5	28.5	25.0	24.5	24.5
30	27.5	27.0	27.0	29.0	28.5	28.5	28.5	28.0	28.0	25.0	24.0	24.5
31	---	---	---	29.5	28.5	29.0	28.0	26.5	27.5	---	---	---
MONTH	28.5	25.5	27.5	30.5	27.0	28.5	30.5	26.5	29.0	30.0	24.0	27.0
YEAR	30.5	5.5	20.0									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.2	6.0	6.1	6.8	6.7	6.7	---	---	---	8.4	7.8	8.1
2	6.9	5.7	6.3	6.8	6.7	6.8	---	---	---	8.4	7.7	8.1
3	7.0	6.5	6.7	6.8	6.5	6.7	---	---	---	8.3	7.8	8.1
4	7.2	6.5	6.8	6.6	6.3	6.4	---	---	---	8.5	7.7	8.2
5	7.2	6.7	7.0	6.7	6.5	6.6	---	---	---	9.0	8.2	8.5
6	7.2	6.8	7.0	6.4	6.2	6.4	9.3	9.0	9.2	9.0	8.3	8.6
7	7.1	6.9	7.0	6.3	5.9	6.1	9.8	9.3	9.5	8.9	7.8	8.4
8	7.2	6.8	7.0	6.6	6.5	6.4	9.9	9.6	9.7	9.0	8.0	8.5
9	7.2	6.9	7.0	6.6	6.5	6.6	9.9	9.5	9.6	9.7	8.3	8.8
10	7.2	6.9	7.0	6.7	6.5	6.6	9.8	9.4	9.5	9.1	8.6	8.9
11	7.2	6.9	7.0	6.7	6.5	6.6	9.7	9.3	9.4	9.7	8.8	9.1
12	7.1	6.7	6.9	6.6	6.5	6.6	10.0	9.2	9.5	10.0	9.1	9.4
13	7.0	6.6	6.9	---	---	---	9.9	9.2	9.5	10.3	9.5	9.8
14	7.0	6.6	6.8	---	---	---	9.6	9.1	9.4	10.2	9.6	9.9
15	7.2	6.7	6.9	---	---	---	9.8	9.2	9.5	10.1	9.1	9.6
16	7.3	6.8	7.0	---	---	---	9.6	9.1	9.4	10.4	9.6	9.9
17	7.2	6.9	7.0	---	---	---	9.5	9.2	9.4	10.2	9.3	9.8
18	7.0	6.8	6.9	---	---	---	9.6	9.0	9.3	9.7	9.2	9.4
19	6.9	6.9	6.9	---	---	---	9.5	8.7	9.2	9.8	9.2	9.5
20	6.9	6.8	6.9	6.7	6.6	6.6	9.2	8.4	8.7	9.9	9.3	9.6
21	6.9	6.9	6.9	6.6	6.5	6.6	9.0	8.0	8.5	10.6	9.9	10.2
22	6.9	6.8	6.9	---	---	---	8.7	7.9	8.2	10.9	10.7	10.6
23	6.9	6.8	6.8	---	---	---	8.9	7.8	8.2	11.4	10.3	10.7
24	6.9	6.8	6.8	---	---	---	8.8	8.3	8.5	10.8	9.5	10.3
25	6.9	6.8	6.9	---	---	---	8.6	8.0	8.3	10.2	9.5	9.9
26	6.9	6.8	6.8	---	---	---	8.8	8.0	8.3	10.3	9.6	10.1
27	6.9	6.7	6.8	6.6	6.4	6.5	9.1	8.3	8.6	10.3	9.5	10.0
28	6.8	6.7	6.8	6.7	6.4	6.5	9.4	8.3	8.7	10.4	9.8	10.1
29	6.8	6.7	6.8	---	---	---	9.2	8.3	8.7	11.0	9.9	10.3
30	6.8	6.7	6.8	---	---	---	8.7	8.3	8.5	10.9	10.6	10.8
31	6.8	6.7	6.7	---	---	---	8.7	7.8	8.3	11.1	10.1	10.6
MONTH	7.3	5.7	6.8	6.8	5.9	6.5	10.0	7.8	9.0	11.4	7.7	9.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	10.6	10.8	---	---	---	5.7	5.2	5.4	6.6	5.7	6.1
2	11.2	10.0	10.6	9.5	9.0	9.4	6.0	5.1	5.5	6.0	5.4	5.5
3	11.2	10.7	11.0	9.7	9.1	9.5	6.3	5.2	5.7	5.4	4.7	5.2
4	11.4	10.8	11.1	9.4	8.9	9.2	5.6	4.7	5.1	6.7	5.3	6.0
5	11.3	10.9	11.1	9.6	9.0	9.3	5.2	4.5	4.9	6.8	5.5	6.1
6	11.2	10.7	10.9	9.7	9.0	9.3	5.1	4.5	4.7	6.7	5.7	6.2
7	11.3	10.6	10.9	9.6	8.8	9.2	5.6	4.6	5.0	6.4	5.2	5.9
8	11.3	10.7	11.0	9.4	8.5	8.9	5.5	4.9	5.1	6.1	5.1	5.6
9	11.5	10.7	11.1	9.2	8.5	8.8	5.5	4.9	5.1	6.3	4.7	5.4
10	11.6	10.9	11.3	9.4	8.7	9.1	6.2	5.2	5.8	6.5	5.4	6.0
11	11.4	11.0	11.2	9.5	8.9	9.2	7.6	5.6	6.2	6.0	5.3	5.6
12	11.1	10.6	10.9	9.1	8.4	8.7	6.7	6.2	6.5	6.3	5.2	5.6
13	11.3	10.6	11.0	8.2	7.8	8.0	6.6	6.2	6.4	6.0	5.6	5.8
14	11.4	10.9	11.1	8.1	7.2	7.6	6.6	6.1	6.4	5.8	5.2	5.4
15	11.4	10.8	11.1	7.5	6.8	7.1	6.5	5.9	6.2	5.3	3.9	4.9
16	11.5	10.8	11.2	7.9	7.1	7.5	6.4	5.8	6.1	5.0	3.5	4.2
17	11.4	11.3	11.3	8.7	7.2	8.0	7.0	5.5	6.1	5.7	3.9	4.7
18	11.5	11.0	11.3	9.0	8.8	8.8	6.8	5.5	6.0	6.1	4.7	5.4
19	11.5	10.9	11.2	9.1	8.3	8.7	6.6	5.6	6.2	6.1	5.2	5.7
20	11.6	10.7	11.2	9.2	7.6	8.4	6.2	5.7	5.9	5.6	4.7	5.1
21	11.8	11.2	11.5	8.3	7.6	7.8	5.7	5.1	5.4	5.3	4.4	4.9
22	11.6	10.9	11.3	8.0	7.6	7.8	5.9	4.8	5.2	5.0	4.3	4.6
23	11.4	10.8	11.1	8.3	7.5	7.9	5.7	4.7	5.2	5.2	4.1	4.7
24	10.9	10.5	10.7	8.4	7.2	7.8	6.1	5.0	5.4	5.6	4.1	4.7
25	10.7	10.2	10.5	8.1	7.0	7.5	6.4	5.3	5.8	6.3	4.9	5.4
26	10.4	10.0	10.2	8.0	6.2	7.2	6.2	5.5	5.8	5.8	4.9	5.4
27	10.4	9.7	10.1	7.1	6.1	6.7	6.5	5.6	6.0	5.6	4.8	5.1
28	10.4	9.8	10.0	7.3	6.4	6.8	6.4	5.8	6.1	5.1	4.8	4.9
29	---	---	---	7.1	6.5	6.9	6.4	5.7	6.0	5.5	4.7	5.0
31	---	---	---	5.8	5.3	5.5	---	---	---	5.1	4.1	4.6
MONTH	11.8	9.7	11.0	9.7	5.3	8.1	7.6	4.5	5.7	6.8	3.5	5.3

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.9	4.0	4.5	4.6	3.4	4.0	5.5	4.5	5.0	4.3	3.0	3.6
2	4.7	3.5	4.1	5.3	3.8	4.5	5.2	3.8	4.6	4.3	3.5	3.9
3	4.5	3.4	4.0	5.6	4.2	4.9	6.2	4.7	5.2	4.5	3.5	3.9
4	5.0	3.6	4.3	5.2	4.2	4.8	5.7	5.1	5.3	4.5	3.4	3.9
5	---	---	---	5.0	4.1	4.7	5.4	4.4	4.8	5.2	3.5	4.2
6	---	---	---	5.0	4.0	4.6	5.2	4.0	4.6	5.3	3.6	4.4
7	4.3	3.3	4.0	4.9	4.1	4.6	5.1	4.1	4.6	5.0	3.8	4.5
8	---	---	---	4.7	4.0	4.5	4.6	3.8	4.1	4.9	4.0	4.5
9	---	---	---	---	---	---	5.0	3.8	4.2	4.8	4.3	4.5
10	5.1	4.4	4.7	---	---	---	5.1	3.6	4.2	4.7	4.1	4.3
11	4.5	3.7	4.1	---	---	---	5.2	4.2	4.8	5.1	4.0	4.5
12	4.2	3.8	4.0	---	---	---	5.6	4.5	5.0	4.8	3.9	4.4
13	5.1	3.7	4.4	---	---	---	5.6	4.6	5.1	5.4	4.1	4.8
14	5.1	4.2	4.7	---	---	---	6.5	4.6	5.0	6.0	5.0	5.5
15	5.0	4.1	4.6	---	---	---	4.8	3.6	4.2	6.4	5.1	5.9
16	5.0	4.2	4.6	5.0	3.8	4.4	4.7	3.1	3.9	6.7	5.7	6.3
17	5.5	4.2	4.9	5.2	4.3	4.6	4.8	3.6	4.2	6.6	5.6	6.1
18	5.7	4.5	5.1	5.2	3.6	4.5	4.7	3.9	4.3	6.9	5.0	5.9
19	6.2	4.4	5.3	5.4	4.2	4.8	5.4	3.4	4.3	6.5	5.5	5.9
20	6.0	4.9	5.5	5.3	4.1	4.7	5.3	3.9	4.7	6.5	5.3	5.7
21	5.9	4.8	5.4	5.3	4.3	4.7	4.9	3.7	4.4	6.1	5.4	5.8
22	5.8	4.8	5.3	4.8	3.9	4.3	5.1	3.6	4.2	6.2	5.6	5.8
23	5.6	4.6	5.1	4.1	3.2	3.7	5.2	3.9	4.5	6.5	5.8	6.1
24	5.4	4.3	4.9	4.1	3.3	3.7	5.2	3.7	4.4	6.3	5.5	5.9
25	5.3	4.3	4.9	4.4	3.8	4.2	4.7	3.7	4.3	6.0	5.2	5.6
26	5.0	4.1	4.6	4.7	3.9	4.2	5.1	3.5	4.3	6.2	5.1	5.6
27	4.8	4.0	4.3	4.8	3.8	4.2	5.5	4.3	4.9	6.4	4.8	5.6
28	4.9	3.9	4.4	4.8	4.1	4.3	5.3	3.9	4.7	6.0	4.9	5.5
29	4.5	4.0	4.3	4.7	4.1	4.4	5.2	4.3	4.7	5.8	5.1	5.5
30	4.3	3.6	3.9	4.8	3.8	4.3	4.7	3.6	4.2	6.0	5.2	5.6
31	---	---	---	5.2	3.9	4.5	4.6	3.3	3.9	---	---	---
MONTH	6.2	3.3	4.6	5.6	3.2	4.4	6.5	3.1	4.5	6.9	3.0	5.1
YEAR	11.8	3.0	6.7									

02172025 COOPER RIVER AT INLET TO BACK RIVER NEAR KITTREDGE, SC

LOCATION.--Lat 33°05'05", long 79°56'47", Berkeley County, Hydrologic Unit 03050201, on right bank at mouth of Durham Canal, 1.3 mi downstream of Seaboard Coast Line Railroad bridge and at mile 33.2.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year.

INSTRUMENTATION.--USGS mini-monitor since October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 629 microsiemens Sept. 17, 1985; minimum, 48 microsiemens Mar. 18, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 629 microsiemens Sept. 17; minimum, 78 microsiemens Nov. 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	99	90	94	88	84	86	90	87	88	94	92	93
2	97	89	93	87	84	85	91	88	89	97	92	93
3	95	89	92	86	84	85	92	88	90	95	91	93
4	97	90	93	86	84	85	87	85	86	94	80	92
5	97	90	93	86	85	85	87	85	86	99	92	93
6	96	90	93	86	84	85	89	85	87	94	92	92
7	98	92	94	85	79	86	92	85	87	94	93	93
8	100	93	95	80	78	79	87	85	86	97	93	94
9	100	94	97	81	79	80	90	85	87	95	93	94
10	100	80	90	82	79	80	91	86	88	96	93	94
11	84	79	81	82	80	81	90	86	87	96	93	94
12	86	81	83	84	81	82	88	86	87	96	94	95
13	87	81	83	84	81	83	88	86	87	97	94	95
14	94	82	85	84	81	83	91	87	88	102	96	97
15	101	83	87	84	82	83	88	86	87	102	96	98
16	92	83	87	86	82	84	89	87	88	98	95	96
17	92	83	87	86	83	84	89	87	88	98	96	97
18	89	83	86	88	83	85	94	88	90	100	97	98
19	89	84	86	87	83	85	92	90	91	100	98	98
20	87	82	85	89	84	86	93	90	92	100	98	99
21	87	83	84	87	83	85	92	90	91	100	98	99
22	86	82	84	101	83	88	93	91	92	101	99	100
23	86	82	84	134	85	99	103	91	93	108	101	102
24	89	84	86	178	88	110	93	91	92	110	102	104
25	93	85	88	132	90	105	94	91	92	106	103	104
26	108	87	92	140	89	101	96	91	93	105	98	101
27	102	87	92	195	88	98	95	91	92	102	98	100
28	89	85	87	102	88	92	100	91	93	103	100	101
29	86	85	86	90	85	87	99	92	93	103	101	102
30	88	85	87	89	86	87	96	91	93	104	101	103
31	89	86	88	---	---	---	94	92	93	112	103	106
MONTH	108	79	88	195	78	87	103	85	90	112	80	97

02172025 COOPER RIVER AT INLET TO BACK RIVER NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	113	106	108	98	94	96	121	90	104	509	116	202
2	146	104	108	102	94	97	171	98	121	209	107	138
3	106	104	105	105	93	96	147	102	114	181	93	120
4	105	104	104	94	92	93	111	93	100	122	91	100
5	107	103	104	96	93	95	100	89	93	125	91	97
6	105	103	104	100	92	95	126	84	94	116	92	101
7	106	103	104	94	91	92	140	88	101	159	105	125
8	106	104	104	93	91	92	169	110	133	234	122	164
9	106	103	104	94	91	92	262	95	157	268	99	143
10	106	104	105	95	91	93	162	89	111	228	93	122
11	105	104	104	97	91	93	115	89	96	123	91	99
12	113	105	108	103	92	94	96	90	92	97	91	93
13	117	106	108	99	94	96	97	90	93	115	91	96
14	109	106	107	100	96	98	113	93	98	118	94	102
15	110	106	107	101	97	99	189	105	138	154	99	114
16	108	106	107	103	98	100	203	106	128	167	93	111
17	108	106	107	103	92	97	154	96	108	123	91	97
18	108	106	107	95	92	94	113	92	98	92	90	91
19	109	106	107	98	94	95	94	90	92	111	90	94
20	108	106	107	97	94	95	103	85	95	125	90	96
21	108	106	107	99	95	97	120	93	100	113	92	94
22	108	106	107	102	97	99	175	97	118	115	93	95
23	108	103	105	105	98	101	123	99	108	117	95	97
24	104	98	100	108	100	104	100	93	96	116	95	99
25	101	98	99	126	104	117	99	91	94	118	94	98
26	104	99	100	206	110	138	94	90	92	130	94	97
27	103	98	100	141	100	115	92	90	92	128	95	98
28	99	96	97	107	95	100	95	92	94	99	96	98
29	---	---	---	97	93	95	98	93	95	101	97	99
30	---	---	---	115	90	93	236	95	125	132	97	101
31	---	---	---	114	89	93	---	---	---	112	98	102

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	130	100	106	311	117	161	120	104	106	124	97	110
2	158	102	114	190	107	155	108	104	106	124	102	107
3	165	107	122	171	110	130	132	104	107	125	105	111
4	218	113	142	200	113	142	126	104	107	127	109	114
5	246	107	150	213	113	142	132	105	111	130	110	114
6	259	109	157	198	113	137	108	106	107	133	111	116
7	257	108	158	152	111	126	129	107	109	132	112	117
8	244	110	143	139	111	125	126	107	115	118	114	115
9	151	110	123	144	112	122	109	107	108	136	115	120
10	130	107	115	128	109	116	124	108	110	144	117	126
11	128	108	115	121	107	113	111	109	110	154	117	122
12	123	111	116	130	110	117	129	110	112	204	124	145
13	115	109	112	153	110	117	112	104	108	186	116	139
14	113	109	110	140	107	117	114	104	107	185	117	137
15	111	109	110	147	106	119	120	105	110	282	121	150
16	111	107	109	216	109	125	142	110	117	388	140	227
17	110	108	109	244	119	144	147	111	126	629	187	332
18	111	107	109	262	124	167	162	112	132	321	139	188
19	110	103	106	406	128	201	174	106	127	228	129	169
20	107	103	105	348	119	196	111	107	109	155	129	139
21	108	105	106	296	120	185	128	108	110	147	124	132
22	111	105	108	278	117	174	127	107	111	141	124	131
23	116	106	110	219	122	158	128	108	111	140	125	131
24	121	107	111	299	112	165	111	108	109	139	127	132
25	127	109	115	144	106	116	120	109	112	143	129	134
26	123	111	116	119	104	109	127	109	112	162	131	142
27	176	111	124	120	106	112	112	110	111	173	137	150
28	270	116	137	126	108	112	127	109	111	166	135	145
29	278	121	156	113	107	109	112	109	111	170	137	146
30	264	119	162	129	105	108	127	107	115	213	150	176
31	---	---	---	217	103	111	131	102	117	---	---	---
MONTH	278	100	123	406	103	136	174	102	112	629	97	144
YEAR	629	78	108									

02172030 COOPER RIVER AT RICE MILL NEAR KITTREDGE, SC

LOCATION.--Lat 33°04'30", long 79°59'31", Berkeley County, Hydrologic Unit 03050201, on left bank 2.4 mi downstream from Seaboard Coast Line Railroad bridge and at mile 32.1.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year.

INSTRUMENTATION.--USGS mini-monitor since 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 836 microsiemens Sept. 17, 1985; minimum, 59 microsiemens July 31, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 836 microsiemens Sept. 17; minimum, 75 microsiemens Nov. 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	80	77	78	90	77	79	82	80	81	87	85	86
2	80	77	78	84	76	78	83	81	82	87	85	86
3	80	76	78	104	75	78	85	81	83	87	85	86
4	79	76	78	95	75	78	87	81	83	86	85	86
5	81	76	78	92	76	79	81	79	80	88	85	86
6	80	77	78	80	77	78	81	79	80	87	85	86
7	81	77	79	88	76	78	81	78	80	89	80	87
8	81	77	79	79	75	77	81	79	80	89	80	87
9	82	77	79	81	76	77	81	80	81	89	80	87
10	81	77	79	78	76	77	82	80	81	89	87	88
11	83	78	80	78	76	77	82	80	81	89	87	88
12	85	77	81	79	77	78	82	80	81	88	87	88
13	86	78	81	81	78	79	81	80	81	89	87	88
14	91	79	83	79	77	78	82	80	81	90	88	89
15	102	80	85	79	77	78	82	80	81	91	89	90
16	101	79	85	79	76	78	82	80	81	90	88	89
17	93	80	84	81	78	79	82	80	81	91	89	90
18	87	79	82	85	78	80	83	81	82	91	89	90
19	91	78	82	85	77	80	85	84	84	93	90	91
20	93	77	82	88	78	81	86	83	85	92	91	91
21	87	76	80	88	78	81	86	84	85	93	90	91
22	84	76	79	102	78	84	86	84	85	94	91	92
23	89	76	79	142	80	92	86	84	85	94	92	93
24	100	77	80	204	81	109	86	84	85	96	94	95
25	108	77	86	177	83	100	86	84	85	97	95	96
26	133	78	94	139	82	97	86	85	86	97	95	96
27	137	80	98	107	82	89	86	84	85	97	95	96
28	112	77	96	99	81	86	86	84	85	97	96	97
29	102	77	84	85	81	82	87	85	86	97	96	96
30	98	77	80	82	79	80	86	85	86	98	96	97
31	104	79	84	---	---	---	87	85	86	130	96	102
MONTH	137	76	82	204	75	82	87	78	83	130	80	91

02172030 COOPER RIVER AT RICE MILL NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	112	97	99	91	89	90	168	141	151	735	110	235
2	163	97	108	92	89	90	211	140	160	298	97	147
3	98	96	97	91	88	89	205	130	149	255	97	131
4	98	95	96	89	87	88	133	109	121	154	92	107
5	97	95	96	90	87	88	120	99	108	192	92	105
6	96	94	94	90	88	88	110	92	100	136	93	104
7	96	94	95	89	86	87	123	96	105	166	102	124
8	97	95	96	87	85	87	146	108	126	245	115	169
9	97	95	96	88	86	87	225	90	133	389	108	165
10	97	94	96	89	86	87	195	90	112	277	99	133
11	97	95	97	88	85	86	136	89	98	126	93	100
12	98	95	96	89	87	88	100	89	91	100	91	94
13	99	97	98	92	88	90	95	89	77	102	92	95
14	99	97	97	94	91	92	104	90	95	128	95	101
15	98	97	98	98	93	96	289	93	146	167	100	121
16	99	96	98	101	95	97	265	102	148	206	99	122
17	100	97	98	103	93	96	183	92	116	112	93	97
18	99	97	98	95	92	93	123	91	102	98	91	93
19	101	97	98	99	93	96	98	90	93	95	90	92
20	100	97	98	100	96	98	101	89	93	95	92	93
21	100	97	98	102	98	100	123	91	98	95	93	94
22	100	97	98	108	101	103	183	97	110	95	92	93
23	100	96	98	112	103	106	199	97	121	95	92	94
24	97	91	94	117	106	110	126	91	101	95	92	93
25	95	91	93	139	113	125	106	89	93	95	92	94
26	94	92	93	170	142	161	94	90	91	95	93	94
27	96	91	93	176	157	163	93	89	91	97	93	94
28	94	90	92	163	154	158	94	92	93	95	93	94
29	---	---	---	159	153	155	99	92	94	97	94	95
30	---	---	---	158	154	156	409	93	157	100	95	97
31	---	---	---	158	146	153	---	---	---	116	94	99
MONTH	163	90	97	176	85	107	409	89	112	735	90	112

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	130	95	102	---	---	---	193	103	155	115	96	100
2	158	96	110	210	98	135	189	107	152	110	96	99
3	228	99	120	206	97	121	123	93	99	111	95	100
4	225	102	132	208	99	127	119	93	102	116	96	103
5	275	102	141	206	97	129	117	94	98	126	101	110
6	285	96	149	188	99	122	104	94	97	110	103	106
7	267	85	143	154	96	113	129	94	103	114	104	108
8	268	77	126	132	100	113	179	96	122	120	106	112
9	137	---	---	127	105	114	199	94	125	134	110	123
10	93	---	---	118	100	107	157	94	110	138	113	125
11	---	---	---	113	96	104	135	96	107	156	110	136
12	101	---	---	128	97	110	105	95	100	306	129	160
13	106	100	104	148	99	114	108	96	102	213	125	160
14	106	102	105	156	99	115	132	98	108	246	110	139
15	105	102	104	131	98	115	119	99	106	316	121	169
16	105	100	103	209	99	121	140	97	111	507	328	395
17	100	97	98	300	104	143	171	105	124	836	457	623
18	99	93	97	537	119	204	194	109	137	614	538	572
19	97	93	95	430	114	244	199	98	130	550	472	509
20	97	96	96	507	111	217	99	96	97	503	379	435
21	98	97	96	402	109	189	103	97	98	401	340	372
22	101	100	96	321	104	169	100	97	98	395	333	366
23	107	96	100	252	107	152	103	97	98	345	117	171
24	---	---	---	300	112	170	101	98	99	131	109	121
25	---	---	---	167	95	109	108	98	100	133	111	121
26	---	---	---	113	94	98	108	100	102	176	113	137
27	---	---	---	128	97	104	105	101	102	215	113	137
28	---	---	---	175	101	151	105	100	101	164	113	137
29	---	---	---	154	97	123	105	98	101	177	113	133
30	---	---	---	134	95	115	110	94	100	244	135	182
31	---	---	---	150	95	121	107	96	101	---	---	---
MONTH	285	77	111	537	94	136	199	93	109	836	95	209
YEAR	836	75	111									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°21'54", long 79°57'27", Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal 0.5 mi upstream of secondary road 9.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year.
pH: February 1981 to current year.
WATER TEMPERATURE: February 1981 to current year.
DISSOLVED OXYGEN: February 1981 to current year.

INSTRUMENTATION.--USGS mini-monitor October 1980 to February 1981. USGS water-quality monitor since February 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 437 microsiemens, Sept. 17, 1985; minimum, 51 microsiemens Mar. 18, 19, 1983.
pH: Maximum, 9.1 units, Feb. 14, 1981; minimum, 5.7 units June 20, 1982, and July 27, 1985.
WATER TEMPERATURE: Maximum, 31.6°C, Aug. 24, 1983; minimum, 4.5°C, Jan. 23, 24, 1985.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 27, 28, 1983; minimum, 0.9 mg/L, June 29-30, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 437 microsiemens Sept. 17; minimum, 84 microsiemens several days in Oct., Nov., and Dec.
pH: Maximum, 7.5 units Feb. 22; minimum, 5.7 units, July 27.
WATER TEMPERATURE: Maximum, 30.0°C, Jul. 11, 19, 21, Aug. 16, and Sept. 11; minimum, 4.5°C, Jan. 23, 24.
DISSOLVED OXYGEN: Maximum, 12.5 mg/L, Feb. 22; minimum, 2.1 mg/L, July 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	87	85	86	---	---	---	101	86	92	105	93	96
2	89	86	87	---	---	---	103	87	92	108	94	99
3	88	84	86	---	---	---	96	88	91	111	93	98
4	88	84	86	---	---	---	100	85	91	103	93	95
5	87	84	86	---	---	---	89	84	86	107	93	99
6	87	84	86	---	---	---	92	85	87	102	93	94
7	87	84	86	86	84	85	99	86	90	97	93	95
8	86	84	86	86	84	85	91	86	88	105	94	98
9	87	84	86	85	84	84	95	86	89	102	94	96
10	87	84	86	86	84	85	99	87	91	98	94	96
11	87	84	86	85	85	85	96	87	90	99	94	96
12	89	85	87	85	85	85	94	86	88	100	95	97
13	90	85	87	85	85	85	91	86	88	100	95	96
14	94	85	89	85	84	85	95	88	91	106	96	100
15	99	86	91	85	84	84	96	87	89	113	96	104
16	96	87	91	84	84	84	93	87	89	112	96	99
17	95	87	91	84	84	84	93	87	89	102	97	98
18	93	87	91	84	84	84	93	88	90	106	97	100
19	92	87	90	84	84	84	96	90	93	107	98	101
20	91	85	89	84	84	84	99	92	95	105	98	100
21	89	85	88	90	86	88	99	91	94	105	98	99
22	89	85	87	97	86	90	103	92	97	105	98	101
23	87	85	86	123	88	97	108	92	98	111	100	104
24	89	86	87	143	91	104	98	92	94	114	101	106
25	93	86	88	124	94	102	102	92	96	116	103	107
26	103	87	93	120	92	100	108	93	97	119	103	107
27	103	90	95	101	90	95	102	92	95	110	103	105
28	97	87	90	99	90	94	108	93	99	111	103	105
29	92	85	88	103	88	94	109	93	99	111	103	106
30	90	85	86	96	85	88	113	93	101	111	104	106
31	---	---	---	---	---	---	114	93	99	115	105	109
MONTH	103	84	88	143	84	89	114	84	93	119	93	100

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	116	105	110	107	97	99	121	97	106	325	110	182
2	139	105	114	103	96	98	197	104	146	190	109	150
3	114	103	106	112	97	104	159	108	137	163	102	131
4	107	103	104	116	95	101	130	99	116	118	98	108
5	105	102	103	106	94	97	111	98	106	110	95	101
6	103	101	102	104	94	98	107	96	102	107	99	102
7	105	102	103	109	95	100	121	103	111	141	108	119
8	109	103	106	99	93	95	175	120	140	206	107	161
9	110	104	106	97	93	94	261	103	169	196	114	148
10	110	103	106	100	93	95	166	97	123	167	106	123
11	110	95	105	100	93	96	109	94	100	114	96	101
12	119	104	111	105	93	97	99	94	96	99	95	97
13	109	107	108	113	94	100	99	94	97	102	96	99
14	121	107	116	113	96	102	102	95	99	114	99	104
15	123	105	109	113	98	102	166	99	120	133	104	115
16	116	106	109	112	98	102	192	114	150	149	98	121
17	115	106	108	103	98	101	149	102	125	103	97	99
18	110	106	107	101	92	98	134	97	113	99	95	97
19	107	106	106	97	91	94	104	94	99	97	95	96
20	107	106	106	101	93	97	102	95	97	97	95	96
21	108	106	106	101	93	95	106	97	101	98	96	96
22	107	106	106	96	94	95	114	102	106	98	96	97
23	108	106	107	96	94	95	150	102	117	97	96	97
24	109	104	106	98	95	97	109	96	104	97	95	96
25	106	99	102	119	98	105	108	95	100	97	95	96
26	103	99	100	194	105	139	102	94	96	97	96	97
27	107	100	102	127	94	109	96	94	95	97	96	97
28	107	99	102	101	92	96	97	95	96	99	96	97
29	---	---	---	94	92	93	99	95	97	99	97	98
30	---	---	---	96	92	94	171	98	115	99	97	98
31	---	---	---	97	94	96	---	---	---	106	98	100
MONTH	139	95	106	194	91	99	261	94	113	325	95	110

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	114	99	102	214	114	146	103	99	101	---	---	---
2	122	101	107	230	104	153	102	99	101	---	---	---
3	134	102	115	151	104	123	103	100	102	---	---	---
4	169	105	130	172	107	130	102	100	101	108	103	105
5	187	107	137	172	105	130	103	100	101	111	106	109
6	214	107	149	153	106	125	104	101	102	111	110	111
7	210	109	148	133	107	117	105	102	103	112	111	111
8	191	110	139	129	106	116	108	102	104	114	112	113
9	132	106	116	125	107	118	108	103	104	129	114	117
10	117	105	112	124	107	113	108	103	104	122	116	119
11	116	103	109	114	103	110	107	103	104	137	115	120
12	112	102	106	120	105	111	106	103	104	182	121	134
13	105	99	102	123	106	114	107	103	105	176	118	147
14	103	98	100	130	103	115	111	105	107	156	117	134
15	100	98	99	127	103	113	116	107	109	217	128	160
16	101	98	99	162	106	116	128	107	113	366	142	220
17	103	98	100	164	114	136	138	110	120	437	185	306
18	102	99	100	194	118	155	145	115	129	273	162	221
19	101	98	100	265	123	183	150	105	127	212	141	183
20	100	98	100	248	114	172	106	104	105	203	124	151
21	101	99	100	236	118	169	106	104	105	152	120	135
22	102	100	101	209	128	162	107	105	105	137	118	129
23	104	100	102	---	---	---	107	105	106	130	118	126
24	108	101	104	---	---	---	109	105	106	130	118	124
25	111	102	107	---	---	---	113	106	108	130	118	122
26	112	104	108	120	102	109	121	108	113	136	121	127
27	149	104	116	123	104	113	118	108	111	150	124	134
28	196	111	136	112	104	108	111	107	109	141	122	131
29	236	123	155	109	103	106	109	108	108	144	128	137
30	230	122	159	108	101	104	109	105	108	187	131	152
31	---	---	---	102	97	101	---	---	---	---	---	---
MONTH	236	98	115	265	97	127	150	99	108	437	103	144
YEAR	437	84	108									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.5	26.0	27.5	26.5	27.0	29.0	28.0	28.5	---	---	---
2	27.5	26.5	27.0	28.0	27.0	27.5	28.5	27.5	28.0	---	---	---
3	28.5	27.0	28.0	28.5	27.5	28.0	28.0	27.0	27.5	---	---	---
4	29.0	28.0	28.5	28.5	27.5	28.0	28.0	27.0	27.5	28.0	26.5	27.5
5	29.0	28.0	28.5	28.5	28.0	28.5	27.5	27.0	27.5	28.5	27.0	27.5
6	29.0	27.5	28.5	28.5	28.0	28.0	28.0	27.0	27.5	28.5	27.5	28.0
7	28.5	26.5	28.0	28.5	28.0	28.0	28.5	27.5	27.5	29.0	27.5	28.0
8	27.5	26.5	27.0	29.0	28.0	28.5	28.0	27.0	27.5	29.0	28.0	28.5
9	27.5	26.5	27.0	29.5	28.5	29.0	27.0	26.5	27.0	29.5	28.5	29.0
10	28.5	27.5	28.0	29.5	29.0	29.5	27.5	26.5	27.0	29.5	28.5	29.0
11	29.0	27.5	28.0	30.0	29.0	29.5	28.5	27.0	28.0	30.0	28.0	29.0
12	28.5	27.5	28.0	29.0	28.5	28.5	29.0	28.0	28.5	28.5	28.0	28.5
13	27.5	27.0	27.0	29.0	28.0	28.5	29.0	28.0	28.5	28.0	26.0	27.0
14	27.0	26.5	27.0	29.0	28.0	28.0	29.5	28.0	29.0	25.5	24.0	25.0
15	26.5	26.0	26.5	29.0	27.5	28.5	29.5	28.5	29.0	24.5	23.5	24.5
16	26.5	26.0	26.0	29.5	28.0	29.0	30.0	28.5	29.0	24.5	23.5	24.0
17	27.5	26.0	27.0	29.5	28.5	29.0	29.5	28.5	29.0	25.0	23.5	24.0
18	28.0	27.0	27.5	29.5	28.5	29.0	29.5	28.5	29.0	25.0	24.0	24.5
19	28.0	27.0	27.5	30.0	28.5	29.5	29.5	28.5	29.0	25.0	24.0	24.5
20	28.0	27.0	27.5	29.5	28.5	29.0	29.5	28.5	29.0	25.0	24.0	24.5
21	28.0	27.0	27.5	30.0	29.0	29.5	29.5	28.5	29.0	24.5	24.0	24.5
22	28.0	27.0	27.5	29.5	29.0	29.5	29.5	28.0	29.0	24.5	24.0	24.0
23	28.0	27.0	27.5	---	---	---	29.0	28.5	29.0	25.0	24.0	24.5
24	28.5	27.5	28.0	---	---	---	29.0	28.0	28.5	25.5	24.5	25.0
25	29.0	28.0	28.5	---	---	---	29.0	28.0	28.5	25.5	25.0	25.0
26	29.0	28.0	28.5	28.0	26.0	27.0	28.5	28.0	28.0	25.0	24.5	25.0
27	28.5	28.0	28.0	28.5	26.0	27.0	28.5	28.0	28.5	25.0	24.5	24.5
28	28.0	27.0	27.5	28.0	27.0	27.5	28.5	28.0	28.5	24.5	23.5	24.0
29	27.5	27.0	27.5	27.5	27.0	27.5	28.0	27.5	28.0	24.0	23.0	23.5
30	27.5	27.0	27.0	28.0	27.0	27.5	27.5	27.0	27.5	24.5	23.0	23.5
31	---	---	---	28.5	27.0	28.0	---	---	---	---	---	---
MONTH	29.0	25.5	27.5	30.0	26.0	28.5	30.0	26.5	28.5	30.0	23.0	26.0
YEAR	30.0	4.5	19.5									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.9	5.5	6.1	6.0	4.7	5.3	7.0	4.6	6.0	---	---	---
2	6.7	5.5	6.0	7.1	4.9	5.9	6.9	4.4	5.9	---	---	---
3	6.6	5.4	5.9	7.4	5.6	6.5	7.4	5.5	6.6	---	---	---
4	6.8	5.3	5.9	7.2	6.0	6.6	7.7	5.6	6.9	5.8	3.9	5.0
5	6.7	5.4	6.0	7.1	6.0	6.6	7.2	5.6	6.7	6.3	3.7	5.4
6	6.8	5.6	6.1	7.1	6.0	6.6	7.2	5.0	6.4	6.7	4.1	5.9
7	6.7	5.8	6.2	7.0	6.3	6.7	7.1	4.9	6.3	6.7	4.7	6.1
8	6.9	5.9	6.3	7.2	6.4	6.8	6.7	4.4	6.0	6.8	5.8	6.3
9	7.0	6.1	6.6	7.2	6.3	6.8	7.0	4.5	6.2	6.7	5.5	6.1
10	6.9	6.0	6.5	7.0	6.2	6.6	7.2	4.7	6.3	6.5	5.4	5.9
11	6.5	6.0	6.3	6.7	6.0	6.3	7.7	5.6	6.6	6.4	5.1	5.6
12	6.4	5.7	6.0	6.0	5.5	5.8	7.9	6.2	6.9	6.7	5.1	5.8
13	6.8	5.5	6.1	6.1	5.3	5.7	7.6	5.9	6.6	7.0	5.3	5.9
14	7.0	5.9	6.4	6.4	5.1	5.8	7.6	6.0	6.8	7.9	5.5	6.9
15	6.7	5.9	6.3	6.4	5.0	5.8	7.4	6.0	6.8	8.2	6.4	7.5
16	6.5	5.2	6.0	6.8	5.2	6.0	7.4	5.8	6.7	8.2	6.5	7.5
17	6.8	5.4	6.2	6.9	5.3	6.1	7.2	5.9	6.6	8.2	6.5	7.7
18	7.1	5.8	6.5	7.3	5.3	6.3	7.2	5.8	6.5	8.4	6.8	7.6
19	7.7	6.0	6.7	7.4	5.5	6.5	7.6	5.7	6.7	8.0	6.3	7.4
20	7.9	6.3	7.1	7.4	5.5	6.6	7.5	5.5	6.6	7.8	6.2	7.2
21	7.9	6.5	7.2	6.9	5.4	6.3	7.4	5.2	6.3	7.6	6.0	7.0
22	7.5	6.5	7.0	6.5	5.3	6.0	7.7	5.0	6.3	7.7	6.3	6.9
23	7.4	6.3	6.8	---	---	---	7.7	5.3	6.3	7.9	6.5	7.1
24	7.3	6.4	6.8	---	---	---	7.5	5.1	6.0	7.8	6.4	7.0
25	7.2	6.3	6.7	---	---	---	6.7	4.3	5.4	7.4	6.4	6.7
26	6.7	6.1	6.4	6.0	2.8	4.5	6.4	2.8	4.7	7.3	6.1	6.7
27	6.7	5.9	6.2	5.9	2.1	4.0	7.0	4.0	5.6	7.7	6.2	6.9
28	6.9	5.7	6.1	6.0	3.7	5.0	7.2	5.2	6.0	8.0	5.9	7.2
29	6.2	5.3	5.8	6.2	4.3	5.2	6.3	5.4	5.9	8.1	6.7	7.6
30	5.8	4.9	5.3	6.1	4.0	5.2	5.7	4.6	5.2	8.1	6.7	7.6
31	---	---	---	6.8	4.3	5.4	---	---	---	---	---	---
MONTH	7.9	4.9	6.3	7.4	2.1	6.0	7.9	2.8	6.3	8.4	3.7	6.7
YEAR	12.5	2.1	7.8									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°02'26", long 79°56'14", 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.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: July 1981 to current year.
WATER TEMPERATURE: October 1970 to current year.
DISSOLVED OXYGEN: July 1981 to current year.

INSTRUMENTATION.--Servo Programmer October 1970 to October 1980, water quality monitor since July 1981.

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, >3900 microsiemens, Dec. 2, 1978; minimum, 43 microsiemens Apr. 16, 20, 23-25, May 2, 1975.
pH: Maximum, 8.5 units, Sept. 29,30, 1981; minimum, 6.3 units, Apr. 24, 1985.
WATER TEMPERATURE: Maximum, 31.5°C July 29, 1981; minimum, 4.5°C, Feb. 19, 1979.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1, 1985; minimum, 2.2 mg/L, May 1, 2, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 2130 microsiemens, May 1; minimum, 68 microsiemens May 30. Mar. and Apr.
pH: Maximum, 7.9 units, Feb. 18, 22; minimum, 6.3 units, Apr. 24.
TEMPERATURE: Maximum, 30.5°C, July 19-22; minimum, 5.5°C, Jan. 24, 27, 28, 30.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1; minimum, 2.2 mg/L, May 1, 2, and July 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	103	87	95	105	91	96	103	90	95	97	94	96
2	96	86	91	97	87	92	107	91	100	98	95	96
3	95	86	90	94	87	90	178	92	129	98	95	96
4	97	85	89	---	---	---	168	95	117	98	94	96
5	95	85	89	---	---	---	115	89	95	97	95	96
6	107	86	94	---	---	---	92	87	90	97	95	96
7	126	86	103	91	87	90	91	85	90	97	95	96
8	137	86	108	92	86	89	90	86	89	97	95	96
9	137	87	109	91	87	89	90	86	89	98	96	97
10	141	87	110	91	86	89	91	87	89	98	96	97
11	144	89	114	91	86	87	91	89	88	---	---	---
12	158	91	116	94	90	91	91	89	90	---	---	---
13	161	92	123	112	90	96	90	87	89	98	96	97
14	177	94	128	100	89	93	91	89	90	100	97	98
15	240	94	150	100	87	92	91	87	90	100	97	98
16	294	95	172	---	---	---	91	89	90	101	97	98
17	241	92	147	---	---	---	91	87	90	100	97	98
18	150	94	115	---	---	---	---	---	---	101	97	99
19	146	94	117	---	---	---	95	92	93	101	98	100
20	152	92	117	152	91	121	97	92	95	102	100	101
21	150	91	115	190	92	139	96	92	95	105	97	100
22	139	90	108	274	91	150	---	---	---	102	101	100
23	118	89	100	495	95	234	100	94	96	103	101	102
24	134	90	105	724	107	320	101	94	97	106	102	104
25	156	90	114	575	114	297	103	92	96	---	---	---
26	239	94	144	415	105	231	98	94	96	113	106	108
27	267	98	160	299	101	179	96	92	95	112	105	108
28	218	94	133	230	98	154	96	94	95	---	---	---
29	139	90	104	135	94	109	96	91	95	125	106	113
30	103	90	95	107	90	97	96	90	95	207	106	135
31	101	91	95	---	---	---	97	95	95	---	---	---
MONTH	294	85	115	724	86	136	178	85	95	207	94	101

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	406	111	218	100	97	99	543	89	250	2130	208	1000
2	504	109	204	101	91	99	1020	128	490	1390	158	631
3	157	106	118	100	91	98	1050	139	511	868	129	416
4	111	105	107	83	81	80	554	118	283	483	113	266
5	107	105	106	98	81	89	373	108	205	472	103	211
6	106	103	104	101	---	99	300	94	155	269	109	166
7	106	105	105	101	---	98	255	101	173	336	125	213
8	107	103	106	98	89	96	420	137	272	583	173	356
9	107	105	106	100	---	96	622	137	346	916	135	442
10	107	103	106	100	---	96	504	112	266	637	114	327
11	107	105	105	98	---	93	295	102	163	319	103	180
12	109	105	106	101	96	97	155	84	114	153	97	116
13	109	104	108	102	97	100	103	83	93	120	101	110
14	---	---	---	111	100	104	246	86	136	205	107	140
15	109	106	107	129	---	112	901	135	386	863	120	363
16	---	---	---	164	---	128	1200	155	589	926	145	452
17	107	106	106	167	100	336	666	123	341	323	109	179
18	108	106	108	96	94	98	446	98	240	131	100	111
19	109	107	108	97	---	96	197	85	126	113	98	103
20	109	107	107	107	---	98	122	86	108	106	97	101
21	108	106	107	131	---	106	126	89	104	106	98	101
22	---	---	---	159	---	124	268	100	157	106	98	102
23	108	105	107	178	---	139	499	115	244	---	---	---
24	107	100	99	180	105	142	432	105	195	102	97	100
25	103	97	101	277	120	184	238	97	135	102	97	100
26	---	---	---	689	141	330	130	95	107	103	98	101
27	103	101	102	639	112	269	109	96	101	102	95	96
28	103	100	101	285	97	147	106	97	101	---	---	---
29	---	---	---	128	80	94	128	97	107	107	101	102
30	---	---	---	89	81	85	1500	105	535	107	68	88
31	---	---	---	---	---	---	---	---	---	145	89	107
MONTH	504	97	115	689	80	128	1500	83	234	2130	68	234

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	188	94	134	792	155	402	109	101	105	113	106	110
2	301	92	150	670	147	370	108	101	104	114	106	110
3	339	141	209	529	130	274	111	101	105	115	105	110
4	429	114	248	416	136	260	108	101	104	115	106	110
5	556	144	384	399	131	247	106	101	103	115	108	112
6	592	167	348	354	131	226	106	101	103	115	111	113
7	---	---	---	282	122	191	106	102	104	118	113	115
8	---	---	---	217	124	173	107	103	105	125	114	118
9	---	---	---	233	124	180	108	103	106	296	115	158
10	261	114	189	238	123	177	109	103	106	761	128	363
11	194	113	150	213	118	163	112	106	108	463	124	475
12	181	113	140	266	119	179	118	103	109	1390	179	485
13	140	106	121	467	126	266	113	105	108	1110	162	541
14	133	103	115	478	123	263	150	106	115	808	159	444
15	119	102	108	388	125	256	221	108	145	897	175	495
16	111	100	105	368	123	191	313	115	182	1240	225	692
17	106	101	103	1100	159	551	422	125	236	2010	321	997
18	107	101	104	1580	222	648	498	147	306	1660	210	746
19	106	102	104	1730	218	770	516	129	292	943	191	530
20	108	102	104	1460	210	670	286	107	134	625	150	330
21	112	102	106	1140	188	571	112	107	110	334	137	221
22	133	102	113	864	169	450	111	107	109	277	135	206
23	153	106	124	542	159	345	112	107	109	263	130	192
24	168	107	134	549	194	338	111	107	109	222	128	169
25	197	111	149	881	109	308	112	108	110	201	126	149
26	197	112	153	122	105	114	113	109	111	523	137	277
27	456	113	198	119	107	113	115	111	113	545	168	294
29	1080	141	507	122	106	469	114	111	112	404	151	244
30	868	150	473	112	102	109	114	108	111	539	185	241
31	---	---	---	111	102	106	113	109	111	---	---	---
MONTH	1080	92	192	1730	102	306	516	101	129	2010	105	316
YEAR	2130	68	178									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	6.4	6.7	5.9	5.3	5.5	8.8	8.5	8.7	8.4	7.0	7.4
2	7.2	6.6	6.9	5.8	5.0	5.5	---	---	---	8.6	6.9	7.7
3	7.3	6.9	7.2	6.4	5.6	6.0	8.6	8.4	8.5	8.1	6.9	7.3
4	7.4	6.9	7.1	6.4	6.0	6.2	8.6	8.4	8.5	8.3	6.2	7.1
5	7.1	6.9	7.0	---	---	---	---	---	---	---	---	---
6	7.0	6.7	6.8	6.8	6.5	6.6	9.2	8.7	8.8	6.8	5.8	6.4
7	7.0	6.6	6.7	9.1	6.6	7.2	9.3	8.7	9.0	6.6	6.0	6.2
8	7.0	6.4	6.7	7.9	7.5	7.7	9.3	9.0	9.1	6.8	6.1	6.4
9	7.2	6.4	6.7	8.1	7.6	7.9	9.3	8.9	9.1	7.7	6.6	7.1
10	8.6	6.5	7.0	8.3	7.6	7.9	9.2	8.8	8.9	---	---	---
11	7.7	7.0	7.3	8.2	7.3	7.8	8.9	8.5	8.7	8.6	7.9	8.2
12	7.6	6.8	7.1	8.1	7.5	7.8	9.2	8.3	8.8	8.8	8.3	8.7
13	7.6	6.9	7.2	8.3	7.8	8.0	9.4	8.7	9.0	9.3	8.8	9.0
14	7.6	6.9	7.2	8.8	7.8	8.3	9.3	8.9	9.1	---	---	---
15	7.5	6.7	7.0	8.9	7.2	8.4	9.5	9.0	9.2	10.1	9.3	9.7
16	7.1	6.3	6.7	7.1	4.3	5.2	10.0	9.2	9.5	---	---	---
17	6.9	5.9	6.5	---	---	---	9.9	9.3	9.5	10.9	10.4	10.7
18	6.5	5.7	6.1	---	---	---	10.0	9.6	9.7	12.1	10.9	11.6
19	6.0	5.6	5.8	8.0	7.7	7.9	10.1	9.6	9.9	12.2	11.7	11.9
20	5.8	5.5	5.6	8.2	7.7	7.9	10.0	8.0	9.2	11.9	11.6	11.8
21	6.3	5.5	5.8	8.8	8.1	8.3	9.0	8.1	8.5	11.6	10.3	11.0
22	6.4	5.7	6.0	8.9	8.3	8.6	8.1	7.6	7.8	---	---	---
23	6.4	5.7	6.0	9.3	8.5	8.8	7.6	6.7	7.1	10.3	8.0	9.2
24	6.6	5.8	6.0	9.5	8.7	9.0	7.5	6.9	7.2	11.3	9.7	10.4
25	7.1	5.7	6.3	9.5	8.9	9.2	7.4	6.6	7.1	12.2	10.8	11.4
26	7.1	6.3	6.6	9.5	9.0	9.2	6.7	6.2	6.6	11.9	11.4	11.6
27	7.0	5.9	6.4	9.4	8.8	9.1	6.9	6.2	6.5	12.6	11.9	12.2
29	6.1	5.4	5.9	9.1	8.5	8.9	8.1	7.1	7.4	12.8	12.1	12.4
30	5.9	5.3	5.6	8.9	8.6	8.7	8.1	7.0	7.5	13.3	12.0	12.6
31	6.2	5.1	5.6	---	---	---	8.1	7.1	7.6	13.3	11.1	12.3
MONTH	8.6	5.1	6.5	9.5	4.3	7.8	10.1	6.0	8.4	13.3	5.8	9.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.4	11.0	12.0	6.9	6.8	6.8	9.9	7.8	8.7	4.9	2.2	3.3
2	12.0	11.0	11.6	6.7	6.3	6.5	9.0	7.3	8.1	4.0	2.2	3.0
3	11.2	10.4	10.7	6.7	6.2	6.4	9.0	7.2	8.0	3.6	2.3	3.0
4	11.0	10.3	10.5	---	---	---	9.4	7.1	8.0	4.6	2.3	3.3
5	10.3	10.1	10.2	10.4	6.2	7.5	8.6	6.8	7.7	5.1	2.8	3.9
6	11.0	10.1	10.5	6.2	5.3	5.8	8.4	6.3	7.6	5.3	3.1	4.3
7	11.4	10.8	11.0	10.5	4.9	7.1	8.5	6.3	7.3	6.5	4.4	5.7
8	11.3	10.2	10.8	10.3	8.0	9.0	7.8	6.0	6.8	6.9	6.0	6.5
9	11.2	10.1	10.5	10.8	7.6	8.9	7.3	6.1	6.6	7.4	6.1	7.0
10	11.0	9.9	10.3	10.4	8.2	9.0	7.4	6.5	7.0	6.7	6.0	6.3
11	10.2	9.2	9.7	11.6	9.3	10.6	8.5	6.7	7.4	6.5	5.7	6.1
12	10.2	9.4	9.9	12.5	9.2	11.1	8.2	6.6	7.3	6.6	5.9	6.3
13	10.5	9.7	10.0	10.3	8.4	9.1	7.7	6.8	7.1	6.6	5.6	6.1
14	10.5	9.6	10.1	11.8	8.8	9.9	8.0	6.9	7.3	6.3	5.4	5.8
15	---	---	---	9.9	8.6	9.2	8.1	7.0	7.5	6.0	5.2	5.5
16	10.7	9.6	10.0	10.4	9.3	10.0	7.8	6.1	7.0	5.4	4.8	5.1
17	9.6	9.5	9.7	10.5	9.8	10.2	7.8	5.2	6.3	5.1	4.6	4.8
18	---	---	---	---	---	---	7.7	5.0	6.1	5.2	4.4	4.9
19	10.0	8.9	9.5	9.0	8.2	8.6	8.2	5.2	6.5	5.1	4.5	4.8
20	---	---	---	9.4	8.1	8.8	8.2	6.1	7.0	5.1	4.8	4.9
21	9.5	8.4	8.9	8.7	8.0	8.2	7.5	5.4	6.4	5.1	4.2	4.7
22	9.0	8.1	8.6	10.8	8.7	9.2	6.9	4.6	5.8	4.5	4.2	4.3
23	9.8	8.1	8.7	10.8	9.0	9.5	6.2	3.7	4.7	4.2	4.0	4.1
24	11.3	8.0	9.2	11.4	9.2	9.9	5.7	3.8	4.4	4.1	3.9	4.0
25	10.6	7.2	8.6	10.6	9.4	9.8	5.7	4.0	4.9	4.2	3.9	4.1
26	---	---	---	11.0	9.5	10.1	5.8	3.7	4.7	4.3	3.9	4.1
27	9.4	6.7	7.6	11.3	9.3	10.1	5.5	3.8	4.8	4.1	4.0	4.0
28	8.3	6.5	6.8	11.7	9.3	10.3	5.2	4.0	4.5	---	---	---
30	---	---	---	11.7	9.2	10.2	4.6	2.9	3.5	---	---	---
31	---	---	---	10.8	8.8	9.7	---	---	---	---	---	---
MONTH	13.4	6.5	9.8	12.5	4.9	9.0	9.9	2.9	6.4	7.4	2.2	4.8

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	7.9	7.2	7.6	3.8	3.5	3.7	5.1	4.1	4.8
2	---	---	---	7.9	7.1	7.5	4.0	3.7	3.9	5.3	4.6	5.0
3	---	---	---	7.4	6.8	7.3	4.1	3.9	4.0	5.5	4.5	5.0
5	---	---	---	6.9	6.5	6.7	4.2	4.0	4.1	6.3	5.1	5.6
6	---	---	---	6.6	6.2	6.4	4.2	4.1	4.1	7.0	6.0	6.4
7	---	---	---	6.2	5.9	6.1	4.1	4.0	4.1	7.4	6.5	7.0
8	---	---	---	6.0	5.4	5.7	4.1	3.7	3.9	7.6	7.1	7.4
9	---	---	---	5.7	5.3	5.5	3.7	3.6	3.7	7.9	7.4	7.7
10	---	---	---	5.5	4.8	5.3	3.7	3.6	3.6	8.0	7.5	7.8
11	---	---	---	5.7	2.2	4.6	3.6	3.5	3.6	8.0	5.0	6.5
12	---	---	---	4.5	4.3	4.4	3.6	3.5	3.6	5.7	4.9	5.3
13	---	---	---	4.3	4.0	4.2	3.7	3.5	3.6	6.2	5.0	5.5
14	---	---	---	4.1	3.9	4.0	3.6	3.4	3.5	7.4	5.5	6.2
15	7.3	7.1	7.2	4.0	3.8	3.9	3.5	3.3	3.4	7.9	5.9	6.8
16	7.2	7.0	7.1	4.2	3.8	4.0	3.4	3.1	3.3	7.8	6.3	6.9
17	7.4	7.1	7.2	4.0	3.6	3.9	3.3	2.9	3.2	7.8	6.2	6.8
18	7.4	7.1	7.2	4.0	3.4	3.8	3.2	2.8	3.1	7.6	6.3	7.0
19	9.0	6.8	7.2	4.0	3.4	3.7	3.1	2.8	2.9	7.7	6.6	7.0
20	7.1	6.8	6.9	4.0	3.4	3.8	3.0	2.8	2.8	7.6	6.3	7.0
21	7.1	6.7	6.9	4.0	3.5	3.8	3.0	2.6	2.8	7.2	6.2	6.7
22	7.1	6.7	6.9	3.8	3.5	3.7	3.3	2.9	3.1	6.9	6.4	6.7
23	7.3	6.9	7.1	3.6	3.3	3.5	3.5	3.2	3.3	6.9	6.3	6.7
24	7.4	7.0	7.2	3.5	3.2	3.3	3.7	3.4	3.5	7.1	6.0	6.7
25	7.4	7.1	7.2	3.6	3.1	3.4	3.9	3.6	3.7	6.8	6.3	6.6
26	8.4	7.0	7.3	3.7	3.5	3.6	4.0	3.8	3.9	6.7	6.1	6.4
27	7.7	7.3	7.5	3.8	3.6	3.7	4.2	4.0	4.1	7.0	6.0	6.4
28	8.1	7.6	7.8	3.7	3.6	3.6	4.3	4.2	4.2	7.4	6.4	6.8
29	8.1	7.5	7.8	3.7	3.4	3.6	5.3	4.1	4.8	7.7	6.4	6.9
30	7.9	7.4	7.7	3.6	3.4	3.5	5.3	4.6	5.1	7.6	6.4	6.9
31	---	---	---	3.7	3.5	3.6	5.2	4.5	4.8	---	---	---
MONTH	9.0	6.7	7.3	7.9	2.2	4.7	5.3	2.6	3.7	8.0	4.1	6.5
YEAR	13.4	2.2	6.9									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 33°00'15", long 79°55'23", Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 6.6 mi from junction of East and West Branch Cooper River and at mile 23.2.

PERIOD OF RECORD.-October 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.--USGS mini-monitor October 1980 to June 1983. USGS water-quality monitor since June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 16,900 micromsiemens, Apr. 30, May 1, 1985; minimum, 60 microsiemens several days in May-July, and Sept. 1984.
pH: Maximum, 8.3 units, Sept. 19, 1983, Nov. 13, 20, 1983, Oct. 15, 16, 1984; minimum, 5.9 units, Jan. 18, 1985.
WATER TEMPERATURE: Maximum, 31.5°C, Aug. 15, 16, 1984, July 20, Aug. 16, 1985; minimum, 5.5°C, Jan. 24, 1985.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Mar. 4, 1984; minimum 2.6 mg/L, Aug. 30, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 16,900 microsiemens, Apr. 30, May 1; minimum, 72 microsiemens, Nov. 3.
pH: Maximum, 8.3 units, Oct. 15, 16; minimum, 5.9 units, Jan. 18.
WATER TEMPERATURE: Maximum, 31.5°C, July 20, 16; minimum, 5.5°C, Jan. 24.
DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 18-21; minimum, 2.6 mg/L, Aug. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1050	82	214	2450	106	272	1920	114	291	1100	126	203
2	1450	80	235	146	108	128	8790	136	1800	2130	102	250
3	2110	102	311	3040	72	374	8810	162	1410	2840	124	350
4	380	108	159	3220	106	342	8580	168	1170	5590	130	645
5	2290	102	301	---	---	---	3520	134	383	178	138	160
6	3420	130	428	---	---	---	160	128	141	226	124	158
7	4250	106	571	248	102	122	184	136	158	166	112	141
8	2490	104	412	172	170	162	168	106	131	162	122	142
9	2930	104	452	754	162	225	150	92	123	168	124	145
10	2430	102	407	680	124	222	146	90	111	156	128	143
11	2870	112	444	210	160	181	122	86	104	150	112	129
12	842	112	207	1430	168	316	134	86	112	150	126	136
13	3650	106	515	4130	170	552	124	86	104	150	102	126
14	5450	124	834	2870	152	383	128	90	107	130	92	112
15	7420	124	1320	2980	134	568	116	90	103	124	102	113
16	7040	150	1240	---	---	---	116	90	98	156	104	118
17	4330	114	634	---	---	---	---	---	---	270	94	115
18	3770	114	489	---	---	---	126	90	103	162	106	126
19	3970	104	566	---	---	---	136	90	104	184	106	128
20	3090	106	508	2540	140	656	126	92	106	166	114	135
21	2080	106	431	4240	190	792	140	100	116	172	134	150
22	1700	100	317	4050	170	1170	162	100	123	---	---	---
23	876	102	271	9290	226	1910	222	118	143	138	102	116
24	1190	148	366	8710	372	2110	354	108	173	436	102	135
25	1470	169	421	5980	404	1520	366	100	149	1070	104	210
26	2790	207	667	4680	312	1030	324	138	170	420	108	151
27	2900	207	740	3560	214	738	174	126	149	1480	112	234
28	1490	199	433	4170	182	624	160	114	135	5400	122	659
29	604	198	276	1960	150	291	152	112	133	9190	152	1720
30	709	216	284	1570	124	253	140	96	124	10900	168	3650
31	2010	94	345	---	---	---	170	122	142	11200	472	3120
MONTH	7420	80	477	9290	72	623	8810	86	274	11200	92	457

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11300	380	2570	---	---	---	6500	236	4680	16900	1780	5140
2	10200	322	2500	134	104	125	9420	642	3390	9190	1050	3420
3	2420	144	346	162	106	133	9750	832	3270	6530	644	3280
4	732	104	155	---	---	---	4280	372	1280	6350	370	1580
5	348	102	117	---	---	---	2810	250	901	4300	210	978
6	116	100	107	246	126	150	3110	200	755	2070	210	627
7	126	112	117	382	118	178	2180	248	985	3840	338	1180
8	150	116	130	304	112	156	4000	424	1500	6060	590	2250
9	144	116	128	272	102	143	6000	528	1860	11500	566	2330
10	148	114	124	202	134	164	4510	274	1050	5550	322	1180
11	134	114	119	196	130	162	2250	148	482	804	162	388
12	146	114	128	206	104	141	886	126	213	336	114	181
13	152	116	129	324	126	179	2390	126	372	2730	108	315
14	146	116	128	1500	122	390	9170	130	2710	9580	136	1820
15	122	116	118	2600	150	480	14800	918	5720	15400	436	3770
16	148	118	128	6900	178	994	15500	1210	4220	6800	962	2400
17	122	122	120	6930	168	1010	7010	510	1930	1100	268	546
18	138	116	121	216	160	208	2280	380	1000	306	126	187
19	118	116	117	416	158	202	578	188	355	268	122	159
20	118	116	118	1310	136	302	1280	146	268	214	116	156
21	148	114	126	1950	150	318	766	168	311	---	---	---
22	118	112	117	3300	156	718	4690	402	2030	---	---	---
23	118	114	116	4140	166	623	6530	510	2930	---	---	---
24	116	106	112	---	172	621	6420	282	1710	190	136	161
25	112	106	107	---	244	1410	3180	136	896	206	148	177
26	130	106	109	10900	658	2930	388	108	206	984	124	216
27	112	104	107	8880	322	1520	468	102	189	194	118	160
28	---	---	---	1190	128	362	1040	102	297	188	100	149
29	---	---	---	240	104	148	10900	146	1780	196	128	156
30	---	---	---	426	96	144	16900	362	5220	392	146	169
31	---	---	---	---	---	---	---	---	---	3510	150	631
MONTH	11300	100	308	10900	96	515	16900	102	1750	16900	100	1200

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2670	162	590	7140	538	1650	334	196	221	---	---	---
2	4910	202	827	4340	514	1310	258	194	208	---	---	---
3	5790	324	1040	3210	384	875	322	216	244	---	---	---
4	5080	432	1350	3250	422	921	460	228	257	280	144	174
5	2730	602	1180	---	---	---	280	230	243	240	138	159
6	4390	586	1270	---	---	---	262	230	239	314	138	154
7	---	---	---	---	---	---	380	230	246	2360	140	339
8	---	---	---	---	---	---	318	214	238	5150	146	799
9	---	---	---	---	---	---	432	214	236	13600	218	2450
10	1310	244	486	---	---	---	2870	216	419	11200	848	3470
11	2740	182	433	3930	216	638	4790	218	748	10500	334	1820
12	774	168	287	9990	230	2160	2880	214	422	16600	514	3430
13	3820	134	428	10500	402	2250	3130	200	471	11100	824	3400
14	2240	122	308	---	---	---	6170	194	889	8410	664	2180
15	568	108	166	---	---	---	1160	256	437	9620	746	2770
16	130	104	114	---	---	---	6380	322	1060	9810	896	3390
17	314	100	124	14800	756	2780	6170	416	1350	11400	1350	4200
18	216	100	114	15600	1190	3770	7630	538	1670	8450	1020	2810
19	104	102	112	10100	1210	3570	5440	444	1410	6890	766	1950
20	360	102	144	12000	1080	2610	724	190	306	4250	444	1120
21	699	114	205	9370	848	2360	196	180	186	3700	294	778
22	1980	124	350	7100	680	1760	182	174	178	6520	256	1060
23	3240	146	497	4280	536	1170	182	174	178	5900	262	1030
24	3440	168	592	8940	506	2120	180	172	178	5290	234	830
25	3350	180	817	12000	224	2310	180	174	178	8230	228	1330
26	3740	180	657	238	184	216	182	174	179	6480	470	3560
27	11900	200	2140	326	182	208	192	178	183	3400	648	964
28	12200	538	2950	542	212	266	196	178	183	2390	400	1650
29	11200	680	2850	686	228	289	184	178	180	4500	420	774
31	---	---	---	368	222	241	---	---	---	---	---	---
MONTH	12200	100	813	15600	182	1530	7630	172	446	16600	138	1790
YEAR	16900	72	832									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.6	7.4	6.7	7.6	6.8	7.5	6.5	---	---	---	---
2	7.2	6.8	6.8	6.5	7.9	6.9	7.1	6.1	---	---	---	---
3	---	---	7.5	6.6	7.8	7.0	7.1	6.0	---	---	---	---
4	7.0	6.8	7.5	6.7	7.8	6.9	6.6	---	---	---	6.9	---
5	7.4	6.8	---	---	7.5	6.8	---	---	---	---	7.1	6.9
6	7.4	6.8	6.9	6.9	6.8	6.2	---	---	---	---	7.2	6.9
7	7.6	6.9	7.1	6.9	7.1	7.0	---	---	---	---	7.1	7.0
8	7.5	6.9	7.1	7.1	7.2	7.0	---	---	---	---	---	7.0
9	7.5	7.0	7.3	7.1	7.1	6.9	---	---	---	---	7.1	7.0
10	7.4	6.6	7.3	7.1	7.1	6.3	---	---	---	---	7.1	7.0
11	7.7	7.1	7.2	7.1	7.1	7.0	---	---	---	---	7.0	6.9
12	7.7	7.6	7.5	7.1	7.1	6.4	7.1	---	---	---	7.1	7.0
13	8.0	7.4	7.7	7.2	6.7	6.2	7.2	6.9	6.8	---	7.1	7.0
14	8.2	7.6	7.7	7.1	6.9	6.3	7.0	6.7	6.9	6.1	7.2	6.9
15	8.3	7.6	7.6	7.0	7.0	6.3	7.3	6.6	6.8	6.7	7.3	7.0
16	8.3	7.6	7.4	6.6	7.1	6.7	---	6.7	---	6.6	7.4	7.0
17	8.1	7.3	---	---	7.1	7.0	6.4	6.0	6.7	6.6	7.4	6.9
18	7.8	6.4	---	---	7.1	6.8	6.9	5.9	6.8	6.6	7.1	7.0
19	7.9	6.7	7.8	7.1	7.2	6.9	6.3	6.0	6.7	6.6	7.2	7.1
20	7.6	6.8	7.5	7.0	7.1	7.0	---	---	7.2	6.5	7.3	7.1
21	7.4	6.8	7.7	7.0	7.2	6.9	---	---	6.6	6.5	7.4	7.1
22	7.3	6.8	7.7	7.1	7.2	6.8	---	---	6.5	6.4	7.4	7.1
23	7.0	6.7	7.5	7.0	7.3	6.6	6.7	6.3	6.5	6.3	7.4	7.0
24	7.7	6.7	7.3	6.8	7.1	6.7	---	---	6.5	6.1	7.3	7.1
25	7.1	6.7	7.3	7.1	7.7	6.9	---	---	6.2	6.1	7.4	7.1
26	7.3	6.9	7.6	6.8	7.6	7.3	---	---	6.4	6.1	7.6	7.2
27	7.3	6.9	7.8	7.2	7.5	7.2	---	---	6.5	6.0	7.5	7.2
28	7.2	6.9	7.8	7.3	7.1	6.4	7.5	6.3	6.1	6.0	7.3	7.0
29	7.1	6.8	7.4	6.9	6.8	6.3	7.6	7.2	---	---	7.2	7.1
30	7.1	6.7	7.4	6.8	7.9	7.5	---	---	---	---	7.2	7.1
31	7.4	6.7	---	---	7.8	7.1	---	---	---	---	7.5	7.1
MONTH	8.3	6.4	7.8	6.5	7.9	6.2	7.6	5.9	7.2	6.0	7.6	6.9

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.6	7.1	7.6	7.1	7.2	7.0	7.2	7.0	7.1	7.0	7.1	7.0
2	7.6	7.0	7.4	7.0	7.2	7.0	7.2	7.0	7.2	7.1	7.0	6.9
3	7.5	7.0	7.3	7.0	7.2	7.0	7.2	7.0	7.2	7.0	7.0	6.9
4	7.3	7.0	7.4	7.0	7.1	7.0	7.2	7.1	7.2	7.1	7.0	6.9
5	7.3	6.9	7.3	6.8	---	---	---	---	7.3	7.1	7.0	6.9
6	7.3	6.9	7.3	6.8	---	---	---	---	7.3	7.2	7.1	6.9
7	7.2	7.0	7.3	6.7	7.2	7.1	---	---	7.3	7.2	7.2	7.0
8	7.2	6.8	7.3	7.0	---	---	---	---	7.3	7.1	7.3	7.1
9	7.3	6.9	7.4	7.0	---	---	---	---	7.3	7.1	7.4	7.2
10	7.3	7.0	7.3	7.0	7.3	7.1	---	---	7.3	7.1	7.4	7.3
11	7.2	7.0	7.3	7.1	7.4	7.1	7.6	6.8	7.3	7.1	7.4	7.2
12	7.2	7.0	7.2	7.0	7.4	7.1	7.5	7.2	7.3	7.1	7.4	7.3
13	7.3	7.0	7.3	7.0	7.4	7.1	7.5	7.2	7.3	7.1	7.4	7.3
14	7.5	7.1	7.4	7.1	7.3	7.1	7.4	7.2	7.4	7.2	7.4	7.3
15	7.7	7.2	7.5	7.2	7.2	7.1	7.4	7.1	7.4	7.2	7.4	7.3
16	7.6	7.1	7.4	7.2	7.2	7.0	7.3	7.1	7.4	7.2	7.4	7.4
17	7.4	7.1	7.3	7.1	7.1	7.0	7.5	7.3	7.4	7.2	7.4	7.3
18	7.3	7.0	7.2	7.1	7.2	7.0	7.5	7.2	7.4	7.2	7.5	7.4
19	7.2	7.0	7.3	7.1	7.2	7.1	7.5	7.2	7.4	7.2	7.5	7.4
20	7.2	6.9	7.3	7.2	7.3	7.0	7.4	7.2	7.4	7.2	7.5	7.4
21	7.1	6.7	7.3	7.1	7.3	7.1	7.3	7.2	7.3	7.1	7.5	7.4
22	7.2	7.0	7.3	7.0	7.4	7.1	7.3	7.2	7.2	7.0	7.5	7.4
23	7.3	7.0	7.2	7.0	7.4	7.2	7.3	7.2	7.2	7.1	7.4	7.3
24	7.3	6.9	7.2	7.0	7.4	7.2	7.3	7.2	7.2	7.1	7.4	7.3
25	7.2	6.9	7.3	7.1	7.4	7.2	7.4	7.0	7.2	7.0	7.4	7.3
26	7.1	6.8	7.3	7.1	7.4	7.2	7.1	6.9	7.1	7.0	7.5	7.3
27	7.1	6.8	7.4	7.1	7.4	7.2	7.1	6.9	7.0	6.9	7.5	7.3
28	7.2	6.9	7.3	7.1	7.4	7.2	7.1	6.9	7.1	7.0	7.5	7.4
29	7.5	7.0	7.3	7.0	7.3	7.2	7.1	6.9	7.1	7.0	7.5	7.4
30	7.6	7.2	7.2	7.0	7.3	7.1	7.1	6.9	7.1	6.7	7.5	7.4
31	---	---	7.3	7.0	---	---	7.1	7.0	7.1	6.8	---	---
MONTH	7.7	6.7	7.6	6.7	7.4	7.0	7.6	6.8	7.4	6.7	7.5	6.9
YEAR	8.3	5.9										

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.5	21.5	22.0	25.5	24.5	25.0	13.5	13.0	13.0	15.5	15.0	15.5
2	22.0	21.5	21.5	25.0	24.0	24.5	13.5	13.0	13.0	15.5	15.5	15.5
3	22.5	21.5	21.5	24.5	23.5	24.0	13.5	13.0	13.5	15.5	15.5	15.5
4	22.0	21.5	23.0	---	---	---	13.5	13.0	13.0	15.0	14.0	14.5
5	22.5	21.5	22.0	---	---	---	13.5	13.0	13.0	13.5	13.0	15.0
6	22.5	21.5	22.0	---	---	---	12.5	12.5	12.5	13.0	12.5	13.0
7	23.0	22.0	22.5	21.5	20.5	21.0	12.0	11.0	11.5	13.0	12.5	12.5
8	23.0	22.0	22.5	20.0	19.5	20.0	11.5	11.0	11.0	12.5	12.5	12.5
9	23.0	22.0	22.5	20.0	19.0	19.0	11.0	10.5	11.0	12.5	12.0	12.0
10	23.5	22.5	23.0	19.5	18.5	19.0	11.5	11.0	11.0	12.0	11.5	12.0
11	23.5	22.5	23.0	20.0	19.0	19.5	12.0	11.5	11.5	11.5	11.0	11.0
12	23.5	23.0	23.0	19.0	18.5	18.5	12.5	11.5	12.0	11.5	10.5	11.0
13	23.5	22.5	23.0	18.5	17.5	18.0	12.0	11.5	12.0	10.5	9.5	10.0
14	24.0	22.5	26.5	18.0	16.5	17.0	12.0	11.5	13.0	10.0	9.5	10.0
15	24.0	23.0	27.0	17.5	16.0	16.5	12.0	12.0	12.0	9.5	9.0	9.5
16	24.5	23.0	23.5	---	---	---	---	---	---	9.0	8.5	9.0
17	24.5	23.5	23.5	---	---	---	---	---	---	9.5	9.0	9.0
18	24.5	23.0	25.0	---	---	---	13.0	12.5	12.5	9.5	9.0	9.5
19	24.5	23.5	25.0	---	---	---	13.0	12.5	13.0	9.5	9.0	9.0
20	24.5	23.5	25.5	16.5	16.0	16.5	14.0	13.0	13.5	9.0	8.5	9.0
21	24.5	23.5	25.0	15.5	15.0	15.5	14.0	13.5	14.0	---	---	---
22	24.5	23.5	25.5	15.0	14.0	14.5	14.5	14.0	14.0	---	---	---
23	24.5	23.5	25.5	14.0	13.0	13.5	14.5	14.0	14.5	6.0	6.0	6.0
24	24.5	23.5	28.5	14.0	13.0	13.5	14.5	14.0	14.5	6.0	5.5	6.0
25	25.0	23.5	39.5	13.5	12.5	13.0	14.5	14.0	14.5	6.5	6.0	6.0
26	25.0	24.0	35.0	13.5	13.0	13.0	14.5	14.5	14.5	6.5	6.0	6.0
27	25.0	24.0	24.5	13.5	13.0	13.5	14.5	14.0	14.0	6.5	6.0	6.0
28	25.5	24.5	25.0	14.0	13.5	13.5	14.5	14.0	14.0	6.5	6.5	6.5
29	25.5	24.5	25.0	13.5	13.5	13.5	15.0	14.5	14.5	6.5	6.0	6.5
30	26.0	24.5	25.0	13.5	13.0	13.5	15.0	14.5	15.0	6.5	6.0	6.5
31	25.5	25.0	25.0	---	---	---	---	---	---	7.0	6.5	7.0
MONTH	26.0	21.5	25.0	25.5	12.5	17.0	15.0	10.5	13.0	15.5	5.5	10.0

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

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

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

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.7	4.6	5.3	5.6	4.8	5.1	6.0	5.2	5.6	8.1	3.2	6.3
2	5.5	4.7	5.1	5.3	4.8	5.0	5.8	5.3	5.7	8.1	7.4	7.7
3	5.2	4.5	5.0	5.4	4.8	5.2	5.9	5.5	5.7	8.0	6.9	7.5
4	5.1	4.4	4.8	---	---	---	6.2	5.5	5.9	7.9	4.6	6.3
5	---	---	---	---	---	---	6.2	5.7	6.0	5.1	4.7	4.9
6	---	---	---	---	---	---	6.1	5.7	6.0	5.4	4.8	5.1
7	5.5	4.8	5.2	---	---	---	6.0	5.6	5.9	5.5	4.7	5.2
8	---	---	---	---	---	---	5.9	5.5	5.7	5.3	4.6	5.1
9	---	---	---	---	---	---	5.5	5.2	5.4	5.2	3.9	4.9
10	5.7	5.1	5.4	---	---	---	5.7					
11	5.8	5.1	5.5	5.9	4.9	5.6	5.6	5.0	5.3	5.1	4.1	4.8
12	6.1	5.1	5.5	5.6	3.5	5.1	5.6	5.1	5.3	5.1	3.8	4.7
13	6.1	5.3	5.8	5.2	4.0	4.7	5.6	5.1	5.4	5.1	4.3	4.8
14	5.8	5.4	5.7	4.8	3.5	4.3	6.0	4.9	5.4	5.6	4.7	5.1
15	5.8	5.3	5.6	4.7	4.0	4.4	5.9	5.0	5.5	6.0	4.8	5.5
16	5.8	5.2	5.6	4.7	3.6	4.3	5.7	5.0	5.5	6.1	4.9	5.6
17	5.8	5.2	5.4	5.8	4.8	5.3	5.9	5.1	5.6	6.2	4.9	5.7
18	5.7	5.2	5.5	5.8	4.8	5.3	5.7	5.0	5.4	6.5	5.2	5.8
19	5.9	5.4	5.7	5.9	4.9	5.5	5.9	5.1	5.5	6.5	5.4	6.1
20	6.2	5.2	5.7	5.9	4.9	5.4	6.1	5.5	5.8	6.5	5.8	6.2
21	6.3	5.3	5.9	5.6	4.8	5.2	6.0	4.7	5.3	6.3	5.9	6.1
22	6.3	5.6	6.0	5.5	4.9	5.2	5.2	4.4	4.8	6.3	5.8	6.1
23	6.3	5.5	6.0	5.3	4.6	5.0	5.2	4.5	4.8	6.3	5.8	6.1
24	6.1	5.6	5.9	5.6	4.5	5.0	5.1	4.3	4.6	6.4	5.8	6.1
25	6.1	5.4	5.7	5.6	4.9	5.3	4.9	4.2	4.5	6.4	5.6	6.1
26	6.3	5.2	5.8	5.5	4.8	5.2	4.5	3.9	4.2	6.2	4.7	5.5
27	6.1	5.2	5.7	5.4	4.9	5.1	4.4	3.9	4.2	5.9	4.9	5.4
28	5.8	5.2	5.5	5.5	4.9	5.1	4.4	4.1	4.3	6.1	5.4	5.8
29	5.6	4.9	5.3	5.3	4.9	5.1	4.4	3.6	4.0	6.3	5.6	6.0
30	5.5	4.7	5.2	5.6	4.9	5.1	4.0	2.6	3.3	6.4	5.5	6.0
31	---	---	---	5.7	5.1	5.3	3.1	2.7	2.9	---	---	---
MONTH	6.3	4.4	5.5	5.9	3.5	5.1	6.2	2.6	5.1	8.1	3.2	5.7
YEAR	11.8	2.6	7.4									

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 junction of East and West Branch Cooper River and at mile 19.4.

PERIOD OF RECORD.--June 1983 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1983 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor since June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 33,700 microsiemens, Nov. 3, 1984; minimum, 60 microsiemens Feb. 10, 12, 14, 1985.
pH: Maximum, 7.9 units, Nov. 13, 14, 15, 1984, July 13, 1985; minimum, 6.3 units, March 12, 19, 1985.
WATER TEMPERATURE: Maximum, 31.0°C, July 11, 12, 15, 1985; minimum, 5.5°C, several days in Jan. 1984 and Jan. 1985.
DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 5, 1984; minimum, 3.0 mg/L, many days in 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 33,700 microsiemens, Nov. 3; minimum, 60 microsiemens, Feb. 10. 12, 14.
pH: Maximum, 7.9 units, Nov. 13, 14, 15, July 13; minimum, 6.3 units, March 12 and 19.
WATER TEMPERATURE: Maximum, 31.0°C, July 11, 12, 15; minimum, 5.5°C several days in Jan.
DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Mar. 31; minimum 3.2 mg/L, Apr. 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9580	210	1780	25900	510	7930	25800	480	7800	26200	300	7450
2	12300	130	2310	24300	510	6060	25800	540	12100	23100	310	6730
3	15000	210	3490	33700	570	9300	25300	510	11100	22600	360	6730
4	13100	230	2860	23300	620	7370	25100	460	10500	17500	340	3410
5	16300	210	3910	---	---	---	22000	370	5480	480	350	408
6	14600	230	4120	2950	640	1260	4490	470	798	2300	310	524
7	14700	210	4660	14600	650	2590	---	---	---	500	360	424
8	12000	210	4210	---	---	---	---	---	---	500	390	435
9	11500	210	3740	8030	640	2140	670	450	551	500	310	422
10	12500	240	3640	4850	590	1160	590	480	521	530	340	427
11	13800	260	3940	1330	670	872	620	470	534	480	350	422
12	11400	260	1860	12800	840	2900	610	450	503	500	350	420
13	15600	280	4580	26600	750	5510	590	370	508	510	320	420
14	18500	310	6110	20500	760	5200	620	450	522	470	350	403
15	22900	390	8120	20400	570	5400	620	450	532	460	350	400
16	22200	410	8400	17400	540	3770	620	420	517	510	340	394
17	21100	370	7160	---	---	---	650	420	537	2330	290	546
18	20700	340	5920	---	---	---	720	370	513	470	320	375
19	20000	360	6260	15600	670	4810	640	450	521	460	320	376
20	15400	420	5060	12100	510	2960	560	400	494	430	340	375
21	11500	400	3890	13000	590	3990	570	360	460	430	290	353
22	8590	310	2290	11100	610	4010	470	360	410	410	250	364
23	5000	360	1370	15500	540	5810	730	300	386	500	290	356
24	4730	450	1380	16300	560	6170	1960	260	472	1500	260	426
25	5880	510	1600	14300	610	4920	610	260	369	5860	260	999
26	9350	500	2580	13500	540	3980	4440	310	742	6310	260	1310
27	10600	410	2830	14600	500	3930	460	290	354	12400	280	3360
28	8970	530	2090	15700	460	4640	1730	240	439	16000	310	7510
29	6580	470	1240	19200	520	4520	1780	230	514	19700	3320	11800
30	10800	470	1740	20400	500	6020	6920	280	1050	24100	7020	16300
31	20100	480	4760	---	---	---	19200	260	5890	21600	240	12100
MONTH	22900	130	3800	33700	460	4510	25800	230	2250	26200	240	2770

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22800	260	11800	290	210	255	19900	790	11500	25700	3680	13600
2	18400	170	7920	1450	200	336	19300	1830	12300	17200	1400	7900
3	14800	90	2740	---	---	---	19500	1200	9300	13800	630	5150
4	11200	100	1280	---	---	---	10800	180	3740	14800	150	4180
5	750	80	201	2900	150	1070	8880	150	2520	9560	100	2790
6	230	130	166	350	120	235	6970	150	1670	10300	140	1850
7	210	100	160	520	180	254	8930	190	2080	10900	170	3080
8	240	100	158	300	170	238	10000	240	3410	14400	760	5690
9	180	80	126	370	170	244	12400	200	3600	20100	530	6240
10	170	60	117	360	180	244	11500	150	2640	13300	170	3880
11	180	80	139	370	190	249	8540	150	1570	7100	150	1530
12	190	60	123	350	156	223	5710	130	972	4120	140	719
13	170	70	113	350	120	255	8140	170	2620	7240	140	2230
14	350	60	206	9810	180	2050	16400	170	7690	15100	140	6310
15	390	190	266	15500	200	4790	22000	760	12100	24200	950	10400
16	300	190	267	19600	210	7080	22300	1810	10600	18600	1410	8340
17	290	280	264	21800	180	8580	14300	200	5160	6490	170	1960
18	340	240	283	340	120	2160	11400	180	3400	5510	140	856
19	310	190	261	4450	180	816	4420	150	1110	5260	140	819
20	390	170	253	8680	150	1950	6970	150	1160	3880	140	644
21	400	170	256	13200	180	3190	11600	180	2480	5110	140	595
22	370	120	257	12500	170	4030	15300	210	5060	3350	130	473
23	340	180	251	12200	150	3080	14200	360	6460	1970	90	332
24	370	190	261	10200	170	3050	13900	140	3010	3220	130	442
25	320	170	255	13400	170	4800	8330	170	1480	1480	130	331
26	320	165	251	16000	560	7830	4710	140	1060	6650	120	1360
27	370	150	250	16800	170	5680	4630	150	1150	4730	150	888
28	320	180	260	15200	170	3190	6710	140	2360	2530	100	754
29	---	---	---	12100	170	2760	16500	170	5940	5010	150	854
30	---	---	---	18200	170	5450	24800	1510	14000	---	---	---
31	---	---	---	20300	200	9790	---	---	---	9510	150	2770
MONTH	22800	60	1030	21800	120	2890	24800	130	4740	25700	90	3230

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10300	140	2560	13800	610	4470	350	90	233	150	120	132
2	11900	140	2910	13700	630	4340	360	120	252	170	90	129
3	11000	200	3370	10400	500	3000	2100	130	421	1220	100	219
4	12200	240	3520	---	---	---	1730	120	430	1520	120	321
5	---	---	---	---	---	---	920	70	326	3470	100	634
6	---	---	---	---	---	---	1030	120	309	3960	90	644
7	8410	430	2370	---	---	---	3290	120	679	6800	120	1340
8	---	---	---	---	---	---	4400	60	725	9890	100	2690
9	---	---	---	---	---	---	4220	140	894	15400	100	6240
10	8620	190	3850	---	---	---	6380	130	1430	20800	1500	8790
11	9190	210	2590	12600	730	10800	12300	120	2590	17400	130	4360
12	7220	240	2390	16400	590	6820	9910	130	2040	21000	450	8590
13	12000	230	2650	16200	500	3860	8760	140	1720	15500	1030	7890
14	9800	230	2420	16200	510	4630	14100	140	3190	13000	450	5280
15	6140	260	1480	17600	260	2860	13200	150	3930	13300	680	5670
16	3660	240	731	7800	400	1700	11800	140	3920	13500	980	6390
17	4060	240	742	7190	390	5740	13400	120	4430	14300	1560	7120
18	1610	240	457	5560	4210	4900	11500	300	4260	11600	940	4800
19	3520	260	517	5280	4170	4580	10000	130	3350	17000	520	4250
20	5640	260	767	5290	3940	4500	---	---	---	9920	150	2660
21	7130	280	1340	5310	3930	4530	---	---	---	8970	80	1970
22	10200	310	2390	5370	3900	4470	---	---	---	9840	90	2780
23	9340	320	2750	5320	3740	4750	---	---	---	10400	120	3020
24	9930	290	3260	5600	260	2230	---	---	---	9750	100	2730
25	10400	350	3980	470	210	354	---	---	---	13100	80	3570
26	10300	370	3690	560	190	363	180	100	143	13800	300	5620
27	17200	370	6140	2250	250	500	170	100	138	11600	470	5280
28	19300	810	8350	5090	200	896	170	100	135	8930	130	2820
29	16200	1020	7190	4130	180	780	170	120	138	9710	100	3200
30	14900	890	5760	2160	180	395	180	120	134	10900	150	4550
31	---	---	---	700	170	288	170	100	132	---	---	---
MONTH	19300	140	3010	17600	170	3410	14100	60	1440	21000	80	3790
YEAR	33700	60	3090									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.0	6.5	8.0	11.0	11.0	11.0	22.5	17.5	19.5	23.0	22.0	22.5
2	9.5	7.5	8.5	---	---	---	23.5	18.0	18.0	23.0	22.5	23.0
3	10.0	8.0	9.0	---	---	---	22.0	17.5	19.0	23.5	22.0	23.0
4	10.5	7.5	9.0	12.5	11.5	12.5	19.0	18.0	18.5	22.5	22.0	22.5
5	9.0	7.0	8.0	---	---	---	19.5	18.5	19.0	22.5	21.5	22.0
6	8.5	7.0	7.5	13.0	12.0	12.5	20.0	19.0	19.5	22.5	21.5	22.0
7	8.0	7.5	7.5	13.5	12.5	13.0	21.0	19.0	19.5	23.0	22.0	22.5
8	8.0	7.5	7.5	14.5	13.0	13.5	20.5	19.0	19.5	23.0	22.5	23.0
9	8.0	7.5	7.5	15.5	14.0	14.5	20.0	19.0	19.5	23.5	22.0	22.5
10	8.0	7.5	7.5	15.5	14.5	14.5	19.5	18.0	18.5	23.5	22.5	23.0
11	8.0	7.5	7.5	16.0	14.5	15.0	20.0	18.5	19.5	24.0	23.0	23.5
12	8.0	7.5	8.0	16.5	14.5	15.5	19.0	18.0	18.5	24.0	23.5	23.5
13	7.5	6.5	7.0	16.5	15.0	15.5	18.5	18.0	18.5	24.5	23.5	24.0
14	7.0	6.5	7.0	17.5	15.5	16.0	19.0	18.0	18.5	25.0	23.5	24.0
15	7.0	6.5	6.0	16.5	15.5	16.0	19.5	18.0	18.5	25.5	24.0	24.5
16	7.0	6.5	7.0	17.0	15.5	16.0	20.0	18.5	19.5	25.5	24.5	25.0
17	7.0	7.0	7.0	17.0	15.5	15.5	20.0	19.0	19.5	25.5	25.0	25.5
18	7.5	7.0	9.5	18.0	14.5	16.0	21.0	19.5	20.0	25.0	24.0	24.5
19	7.5	7.0	7.5	16.0	14.0	14.5	22.0	20.0	21.0	24.5	23.5	24.0
20	8.0	7.5	8.0	17.5	14.0	15.0	23.0	21.0	21.5	24.5	24.0	24.0
21	8.5	8.0	8.0	---	---	---	24.0	21.0	22.0	25.0	24.0	24.5
22	8.5	8.0	8.5	15.5	14.0	15.0	25.0	21.5	22.5	---	---	---
23	---	---	---	15.5	14.5	15.0	28.0	22.0	23.0	---	---	---
24	9.5	8.5	9.5	16.0	15.0	15.5	23.5	21.5	22.0	25.5	25.0	25.0
25	---	---	---	16.5	15.0	15.5	23.5	22.0	22.5	25.5	25.0	25.0
26	10.5	10.0	10.0	16.5	15.0	15.5	23.5	22.0	22.5	26.0	24.5	25.0
27	10.5	10.0	10.5	18.0	15.5	16.5	23.0	22.0	22.0	25.5	24.5	25.0
28	---	---	---	18.0	16.0	17.0	23.0	22.0	22.5	---	---	---
29	---	---	---	18.5	16.5	17.5	22.5	22.0	22.5	26.0	25.5	25.5
31	---	---	---	---	---	---	---	---	---	26.0	25.5	26.0
MONTH	10.5	6.5	8.0	19.5	11.0	15.0	28.0	17.5	20.5	26.0	21.5	24.0

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.2	9.0	9.1	9.0	7.3	8.0	6.9	6.2	6.5
2	---	---	---	---	---	---	9.1	6.7	8.0	8.1	5.4	6.2
3	---	---	---	9.3	8.2	8.5	9.4	6.7	7.7	8.1	5.5	6.2
4	---	---	---	---	---	---	7.1	6.6	6.8	8.4	5.8	6.4
5	---	---	---	---	---	---	8.4	6.6	7.0	8.7	5.8	6.6
6	---	---	---	---	---	---	8.4	5.4	7.3	8.8	5.8	6.7
7	---	---	---	---	---	---	8.5	3.7	7.5	8.4	5.7	6.4
8	---	---	---	---	---	---	8.5	3.3	7.4	6.4	5.7	6.1
9	---	---	---	---	---	---	8.8	3.2	7.7	6.4	5.8	6.2
10	---	---	---	---	---	---	8.9	6.4	8.0	6.6	5.9	6.2
11	---	---	---	---	---	---	9.0	6.6	7.9	6.7	6.2	6.4
12	---	---	---	---	---	---	9.0	6.3	8.3	6.8	6.2	6.6
13	---	---	---	---	---	---	9.1	6.8	8.2	6.7	6.3	6.4
14	---	---	---	---	---	---	9.1	6.7	8.3	6.5	6.0	6.2
15	---	---	---	---	---	---	9.0	7.4	8.4	6.9	5.2	5.8
16	---	---	---	---	---	---	9.0	6.5	8.3	5.7	5.1	5.5
17	---	---	---	---	---	---	8.9	6.7	8.3	5.9	5.5	5.7
18	---	---	---	9.4	7.6	8.2	8.9	6.0	8.3	6.5	5.8	6.1
19	---	---	---	9.8	6.3	8.9	8.7	3.9	7.6	7.1	6.1	6.5
20	---	---	---	9.4	3.9	7.0	8.4	4.0	6.9	7.2	6.3	6.9
21	---	---	---	8.9	5.6	7.4	8.1	3.8	6.3	7.0	6.4	6.8
22	---	---	---	9.1	6.8	8.2	8.4	3.7	6.2	7.2	5.5	6.3
23	---	---	---	7.6	6.9	7.3	8.4	3.2	5.9	5.9	5.4	5.7
24	---	---	---	9.6	6.7	8.2	8.7	6.4	7.2	6.2	5.5	5.9
25	10.0	9.6	9.8	9.5	6.3	8.7	8.5	4.6	6.5	6.6	5.8	6.2
26	9.9	9.4	9.6	9.5	6.2	7.9	8.0	6.4	6.8	6.7	5.8	6.3
27	---	---	---	9.0	6.3	8.2	8.6	6.5	7.1	6.9	5.9	6.5
28	9.6	9.0	9.3	9.5	4.8	8.4	8.7	6.4	7.0	6.7	6.2	6.5
29	---	---	---	9.8	5.9	8.9	7.1	6.5	6.8	6.6	5.4	6.0
30	---	---	---	10.1	6.2	8.7	6.9	6.2	6.5	---	---	---
31	---	---	---	11.8	6.4	9.2	---	---	---	5.3	4.8	5.1
MONTH	10.0	9.0	9.6	11.8	3.9	8.3	9.4	3.2	7.4	8.8	4.8	6.2

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.1	4.5	5.0	5.3	4.9	5.1	5.6	4.1	4.9	4.8	4.5	4.7
2	5.1	4.5	4.8	5.4	4.9	5.2	5.5	4.8	5.2	4.9	4.6	4.7
3	5.1	4.4	4.7	5.4	4.7	5.1	5.4	4.7	5.1	4.7	4.6	4.7
4	4.9	4.4	4.6	4.9	4.7	4.9	5.9	4.9	5.4	5.5	4.6	4.8
5	---	---	---	---	---	---	6.2	5.2	5.7	4.6	4.1	4.4
6	---	---	---	---	---	---	6.1	5.7	5.9	4.8	4.1	4.5
7	5.3	4.6	4.9	---	---	---	6.2	5.7	5.9	5.1	4.2	4.7
8	---	---	---	---	---	---	6.1	5.7	5.9	5.1	4.2	4.7
9	---	---	---	---	---	---	6.0	5.2	5.6	5.1	3.9	4.5
10	5.5	4.6	5.0	---	---	---	5.6	5.2	5.3	4.9	3.5	4.2
11	5.6	4.9	5.3	6.1	5.2	5.3	5.8	5.1	5.4	5.5	3.7	4.7
12	5.9	4.8	5.4	5.6	4.5	5.1	5.9	5.1	5.6	5.1	3.4	4.3
13	5.8	5.0	5.5	5.5	4.6	4.8	6.0	5.2	5.7	4.7	3.6	4.1
14	5.8	5.1	5.5	5.9	4.7	5.1	6.2	4.4	5.5	5.1	4.1	4.6
15	5.7	5.2	5.5	6.3	4.9	5.8	5.6	4.3	5.1	5.2	4.1	4.6
16	5.7	5.3	5.5	6.0	5.1	5.5	5.5	4.1	5.0	5.2	4.1	4.7
17	5.7	5.4	5.5	4.4	4.0	4.3	4.8	4.0	4.4	5.3	4.3	4.9
18	5.9	5.5	5.7	---	---	---	4.5	3.9	4.2	6.4	4.5	5.6
19	6.1	5.6	5.9	---	---	---	4.6	3.8	4.2	6.1	3.9	5.4
20	6.4	5.2	5.7	---	---	---	5.0	4.3	4.7	6.4	5.2	6.0
21	6.0	5.1	5.6	---	---	---	5.1	4.9	5.0	6.3	5.4	5.9
22	6.1	5.1	5.6	---	---	---	5.2	4.5	4.9	6.1	5.5	5.8
23	6.0	5.1	5.7	---	---	---	5.4	4.7	5.0	6.1	5.3	5.7
24	6.1	5.1	5.7	---	---	---	5.3	4.3	4.9	5.9	5.2	5.7
25	6.1	5.2	5.7	---	---	---	5.2	4.6	4.9	6.0	4.9	5.6
26	6.3	5.0	5.6	5.1	4.6	5.0	5.0	4.5	4.7	5.7	4.1	5.1
27	5.7	5.0	5.3	4.8	4.5	4.6	4.9	4.5	4.6	6.6	4.9	5.5
28	5.7	4.9	5.2	4.8	3.9	4.4	5.1	4.6	4.8	6.2	5.2	5.7
29	5.5	4.8	5.2	4.4	3.9	4.2	5.9	4.5	4.7	6.3	5.3	5.8
30	5.3	4.8	5.1	4.4	3.9	4.2	4.9	4.5	4.7	6.3	5.2	5.7
31	---	---	---	4.6	4.1	4.4	4.8	4.5	4.7	---	---	---
MONTH	6.4	4.4	5.4	6.3	3.9	4.7	6.2	3.8	5.1	6.6	3.4	5.0
YEAR	11.8	3.2	6.4									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 33°02'22", long 79°57'16", Berkeley County, Hydrologic Unit 03050201, on Chicken Creek at junction of Chicken Creek and Back River.

PERIOD OF RECORD.--May 1982 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1982 to current year.
WATER TEMPERATURE: May 1982 to current year.

INSTRUMENTATION.--USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 279 microsiemens Sept. 19, 1985; minimum, 62 microsiemens Apr. 12, 13, 1983.
WATER TEMPERATURE: Maximum, 31.9°C Aug. 22, 1983; minimum, 5.5°C Jan. 21, 1983, and Jan. 14, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 279 microsiemens Sept. 19; minimum, 80 microsiemens several days in Oct. Nov.
WATER TEMPERATURE: Maximum, 29.5°C Aug. 16; minimum, 5.5°C Jan. 14.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	99	82	89	93	87	91	103	99	101	118	102	108
2	92	87	89	114	90	95	105	98	101	134	102	109
3	92	82	89	125	82	96	101	98	99	115	102	108
4	92	82	89	93	87	90	102	95	99	108	100	104
5	93	80	89	119	89	93	99	92	94	110	100	105
6	116	80	89	96	87	92	95	90	93	109	100	104
7	92	82	87	92	82	88	99	90	96	103	99	101
8	101	85	89	91	80	87	97	90	95	107	100	103
9	92	88	90	90	80	85	99	93	96	105	100	102
10	93	88	90	91	80	87	102	96	99	105	100	102
11	94	87	90	91	80	87	101	96	98	103	100	102
12	92	89	91	94	82	88	100	95	97	105	100	101
13	93	88	91	91	82	87	111	94	97	105	100	102
14	92	88	91	91	82	88	99	96	98	107	100	103
15	92	89	91	92	82	89	100	97	98	113	108	110
16	95	91	93	100	89	92	98	95	97	115	102	110
17	98	93	95	96	89	94	99	95	97	108	100	104
18	99	91	95	98	90	93	100	95	97	108	102	105
19	97	90	94	98	91	94	101	97	98	110	102	107
20	102	88	93	97	92	94	108	98	100	108	100	104
21	100	87	93	95	91	93	115	99	101	102	102	102
22	99	88	93	95	91	93	138	99	104	---	---	---
23	131	89	95	97	90	94	113	100	104	---	---	---
24	97	88	91	97	91	95	140	100	104	---	---	---
25	114	88	92	100	95	97	122	100	104	---	---	---
26	99	88	91	100	95	98	123	100	106	---	---	---
27	95	90	92	111	96	99	109	100	103	---	---	---
28	105	89	95	102	98	100	127	100	105	---	---	---
29	98	89	94	105	100	101	121	100	107	---	---	---
30	118	90	96	103	99	101	162	102	110	114	111	113
31	118	88	95	---	---	---	118	102	111	116	108	113
MONTH	131	80	92	125	80	93	162	90	100	134	99	105

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°) WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	120	109	115	115	107	111	108	96	101	168	100	121
2	121	111	116	117	111	115	158	100	120	154	120	134
3	119	113	116	119	113	117	148	125	136	135	120	125
4	115	111	112	118	109	114	135	112	127	127	102	114
5	112	109	111	117	110	114	123	101	115	112	100	108
6	114	109	113	118	111	114	118	99	110	113	100	107
7	115	110	113	115	107	112	115	100	108	114	100	107
8	113	111	112	114	107	111	125	102	115	145	110	123
9	113	112	112	109	100	105	161	120	134	143	120	130
10	114	113	113	109	100	105	141	120	127	139	120	126
11	114	112	113	113	100	108	123	102	113	123	109	116
12	116	110	113	114	107	110	114	100	108	116	98	107
13	121	116	119	115	112	114	113	94	103	113	100	107
14	125	118	121	116	111	115	102	96	99	112	98	105
15	122	118	120	117	100	110	109	98	102	119	100	108
16	120	118	119	113	101	107	158	102	123	123	110	117
17	120	115	117	112	99	103	149	110	127	118	99	111
18	118	114	116	105	97	101	121	110	118	113	99	107
19	115	113	114	109	100	105	116	95	110	109	97	104
20	115	112	114	109	97	105	113	95	106	110	98	103
21	114	112	113	109	96	104	114	98	107	108	96	103
22	115	113	114	107	95	101	115	100	108	108	95	101
23	117	114	115	105	95	100	113	102	109	105	97	100
24	119	113	116	107	98	101	114	107	111	105	95	99
25	121	115	118	107	98	101	115	102	111	103	94	99
26	119	111	116	135	108	117	114	100	109	103	95	99
27	118	111	114	125	113	116	111	94	101	103	96	99
28	117	110	113	114	100	110	110	95	101	107	96	101
29	---	---	---	111	98	106	105	95	98	108	96	100
30	---	---	---	110	97	103	103	96	100	103	92	99
31	---	---	---	109	94	100	---	---	---	102	92	97
MONTH	125	109	115	135	94	108	161	94	112	168	92	109

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	105	93	99	149	131	142	---	---	---	115	82	99
2	111	95	102	161	106	142	101	96	98	123	91	102
3	120	107	112	134	104	120	100	95	97	112	94	103
4	141	112	123	166	114	143	102	95	97	117	100	108
5	156	118	131	184	146	164	102	95	97	121	108	114
6	163	118	137	203	161	182	---	---	---	120	97	108
7	155	115	132	225	183	202	---	---	---	132	100	110
8	145	112	126	219	208	215	---	---	---	122	100	105
9	126	100	109	212	169	192	---	---	---	142	100	106
10	125	96	104	180	140	163	---	---	---	128	100	110
11	108	97	101	159	102	134	---	---	---	120	109	115
12	108	96	102	121	103	113	---	---	---	150	112	118
13	112	98	106	121	109	115	---	---	---	170	102	135
14	136	110	122	129	116	123	---	---	---	123	104	112
15	137	128	133	127	98	112	109	100	104	170	130	150
16	129	120	126	139	99	110	134	102	111	207	156	179
17	136	111	118	150	120	132	147	128	134	261	196	229
18	112	96	106	169	127	147	158	139	148	275	261	269
19	102	94	99	205	139	164	156	132	144	279	264	273
20	98	92	95	187	122	158	133	120	122	214	129	173
21	95	90	92	178	118	150	122	100	111	143	113	130
22	93	86	90	161	122	141	109	100	103	112	89	103
23	92	86	89	---	---	---	110	99	103	112	84	97
24	91	87	89	---	---	---	114	100	103	173	109	129
25	94	87	91	---	---	---	114	100	105	191	137	178
26	103	89	96	---	---	---	121	100	112	138	115	123
27	135	99	107	---	---	---	116	100	108	127	119	121
28	159	116	128	---	---	---	110	100	104	133	117	121
29	163	117	129	---	---	---	105	100	102	133	120	125
30	167	137	147	---	---	---	109	98	102	149	123	132
31	---	---	---	---	---	---	121	91	105	---	---	---
MONTH	167	86	111	225	98	148	158	91	110	279	82	136
YEAR	279	80	111									

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

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

021720605 CHICKEN CREEK AT NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	24.5	25.5	26.5	25.0	25.0	---	---	---	26.0	24.5	25.0
2	27.5	26.0	27.0	27.5	26.0	27.0	28.0	27.5	28.0	26.5	24.5	25.5
3	28.0	26.5	27.5	28.0	27.5	27.5	28.0	26.5	27.5	27.0	25.5	26.5
4	28.5	27.5	28.0	28.0	27.5	27.5	28.0	26.5	27.5	27.5	26.0	27.0
5	28.5	27.5	28.0	28.0	28.0	28.0	27.5	27.0	27.0	28.0	26.5	27.5
6	28.5	27.0	28.0	27.0	25.0	---	---	---	---	28.0	27.0	27.5
7	28.0	27.0	27.5	27.5	25.5	---	---	---	---	28.0	27.5	28.0
8	27.5	26.0	26.5	28.0	27.0	27.5	---	---	---	28.5	27.0	28.0
9	27.5	26.5	27.0	28.5	27.5	28.0	---	---	---	28.5	28.0	28.5
10	28.0	27.0	27.5	29.0	27.5	28.0	---	---	---	28.0	28.0	28.0
11	29.0	27.5	27.0	29.5	27.5	28.0	---	---	---	29.0	27.5	28.0
12	28.5	27.0	27.5	27.5	---	---	---	---	---	28.0	27.0	27.5
13	27.5	26.5	27.0	26.5	---	---	---	---	---	27.0	25.5	26.5
14	26.5	26.0	26.0	28.0	---	---	---	---	---	26.0	24.5	25.0
15	26.0	26.0	26.0	28.5	27.0	28.0	29.0	28.0	28.5	25.0	23.5	24.5
16	26.0	25.5	25.5	29.0	28.0	28.5	29.5	28.0	28.5	24.5	23.5	24.0
17	27.0	24.5	26.0	28.5	27.5	28.0	29.0	28.5	28.5	24.5	23.5	24.0
18	28.0	26.5	27.0	29.0	27.0	28.5	29.0	28.0	28.5	25.0	24.0	24.5
19	27.5	27.0	27.0	29.0	27.5	28.0	29.0	28.0	28.5	25.0	24.0	24.5
20	27.0	26.0	26.5	28.5	28.0	28.5	29.0	28.0	28.5	25.0	24.0	24.5
21	27.5	26.0	26.5	28.5	28.0	28.5	29.0	28.0	28.5	24.5	24.0	24.5
22	27.0	26.5	27.0	29.0	28.5	28.5	29.0	27.0	28.5	24.5	24.0	24.0
23	27.5	26.5	26.5	---	---	---	29.0	27.5	28.5	25.0	24.0	24.5
24	27.5	26.0	26.5	---	---	---	29.0	28.0	28.5	25.0	24.5	24.5
25	28.0	28.0	28.0	---	---	---	28.5	28.0	28.0	25.5	25.0	25.0
26	28.5	26.5	27.5	---	---	---	28.5	27.5	28.0	25.0	24.5	25.0
27	27.5	27.0	27.5	---	---	---	28.5	27.5	28.0	25.0	22.5	24.5
28	27.5	26.5	27.0	---	---	---	28.5	28.0	28.0	24.5	23.5	24.0
29	27.0	25.0	26.0	---	---	---	28.0	27.5	27.5	24.0	23.0	23.5
30	27.0	25.0	26.5	---	---	---	27.5	26.0	27.0	24.0	23.0	23.5
31	---	---	---	---	---	---	26.5	24.0	25.5	---	---	---
MONTH	29.0	24.5	27.0	29.5	25.0	28.0	29.5	24.0	28.0	29.0	22.5	25.5
YEAR	29.5	5.5	19.0									

021720605 CHICKEN CREEK AT NORTH CHARLESTON,SC-- Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	HARDNESS (MG/L AS CACO3)	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)
OCT								
24...	1515	87	7.0	22.5	20	0	5.1	1.8
NOV								
20...	1420	93	7.0	16.0	19	0	4.7	1.8
DEC								
20...	1355	92	--	13.0	19	0	4.5	1.8
JAN								
16...	1256	105	7.0	8.0	20	0	4.7	1.9
FEB								
13...	1158	115	6.8	6.5	22	0	5.5	2.0
MAR								
13...	1406	112	7.0	16.0	21	0	5.3	1.9
APR								
10...	1407	126	7.0	16.5	24	3	5.5	2.4
MAY								
01...	1222	160	7.0	22.0	26	4	5.9	2.8
JUN								
05...	1203	120	7.0	28.5	25	0	6.3	2.2
JUL								
02...	1201	135	7.0	27.0	25	0	6.2	2.4
31...	1223	95	7.0	28.0	23	0	6.2	1.9
SEP								
26...	1113	112	6.9	24.5	24	0	6.0	2.1

DATE	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
OCT								
24...	8.5	.9	22	7.8	8.0	61	.08	68
NOV								
20...	9.2	.9	21	8.8	11	65	.09	66
DEC								
20...	9.7	1	22	8.8	9.7	60	.08	63
JAN								
16...	12	1	21	9.5	13	68	.09	82
FEB								
13...	13	1	21	11	15	68	.09	69
MAR								
13...	12	1	23	11	15	72	.10	83
APR								
10...	14	1	21	11	17	76	.10	79
MAY								
01...	18	2	22	14	27	107	.15	103
JUN								
05...	14	1	24	10	15	79	.11	86
JUL								
02...	15	1	25	11	18	92	.13	94
31...	11	1	23	10	9.5	69	.09	76
SEP								
26...	14	1	26	9.6	13	77	.10	92

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 33°00'51", long 79°56'15", Berkeley County, Hydrologic Unit 03050201, on east bank of Back River at SCE and G intake.

PERIOD OF RECORD.--May 1982 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1982 to current year.
WATER TEMPERATURE (BOTTOM): August 1982 to current year.
WATER TEMPERATURE (TOP): November 1982 to Sep. 1983.

INSTRUMENTATION.--USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 361 microsiemens, July 19, 1982; minimum, 71 microsiemens, Mar. 27, 28, 1983.
WATER TEMPERATURE (BOTTOM): Maximum, 31.0°C, Aug. 8, 9, 1984; minimum, 4.5°C, Jan. 23-25, 27, 1985.
WATER TEMPERATURE (TOP): Maximum, 33.9°C, Aug. 4, 1983; minimum, 4.9°C, Jan. 21, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 216 microsiemens, Sep. 18; minimum, 88 micromsiemens, Nov. 3.
WATER TEMPERATURE (BOTTOM): Maximum, 31.0°C, Aug. 13, 16; minimum, 4.5°C, Jan. 23-25, 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	106	95	102	113	96	107	118	114	116	132	121	126
2	108	99	105	113	94	106	125	115	120	138	121	129
3	108	96	103	107	88	102	123	115	118	138	121	128
4	106	94	101	142	93	110	121	101	116	129	113	121
5	106	95	103	107	98	101	112	99	107	131	116	126
6	105	94	100	113	101	106	111	95	102	132	112	123
7	134	93	105	113	95	106	118	107	111	122	108	116
8	110	91	102	111	92	101	112	104	108	128	113	122
9	108	93	101	102	94	98	114	101	110	126	106	116
10	108	93	100	107	90	99	119	106	114	116	104	111
11	107	95	99	119	95	107	119	109	115	117	106	112
12	109	97	102	116	102	111	117	101	111	126	110	117
13	109	98	105	113	102	108	115	96	105	121	112	116
14	109	96	104	109	96	104	118	107	112	124	113	118
15	108	95	103	105	96	102	118	108	114	131	125	127
16	107	97	104	112	101	105	119	106	113	131	116	124
17	153	101	114	112	102	109	114	105	109	125	107	118
18	145	104	119	111	100	105	113	102	107	126	120	123
19	116	97	109	111	98	105	115	105	111	130	120	125
20	114	95	104	112	103	108	120	110	116	133	118	127
21	109	94	101	109	96	104	121	105	115	130	113	123
22	105	94	99	107	97	103	122	114	119	126	112	122
23	105	91	98	108	101	104	126	118	122	128	120	125
24	104	92	99	106	101	104	124	109	118	131	122	127
25	113	95	102	108	104	106	125	117	121	136	123	129
26	113	98	106	110	106	108	125	116	121	137	130	134
27	112	99	106	111	106	109	133	118	127	136	120	131
28	118	99	109	125	106	115	135	120	128	132	119	128
29	117	100	110	122	116	118	134	121	128	135	119	129
30	115	98	105	119	111	115	134	126	129	136	122	128
31	114	96	106	---	---	---	135	127	130	132	115	124
MONTH	153	91	104	142	88	106	135	95	116	138	104	123

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	131	122	127	129	121	127	129	102	118	140	108	118
2	138	122	128	128	115	121	137	108	120	142	120	129
3	133	115	122	136	126	130	147	108	130	143	129	135
4	128	112	119	134	125	129	138	126	133	133	122	130
5	122	108	113	131	116	125	135	111	127	128	107	120
6	117	108	111	131	116	126	139	108	121	132	115	125
7	122	115	118	136	117	128	133	112	124	132	107	126
8	129	115	122	133	109	123	133	108	124	129	116	122
9	128	118	122	132	104	123	139	124	131	137	125	132
10	127	117	122	132	108	122	154	120	138	166	129	134
11	126	115	120	130	110	120	140	129	134	157	112	127
12	131	115	121	134	116	125	139	111	129	143	99	117
13	136	127	133	136	116	128	178	110	131	130	103	116
14	137	128	131	138	128	133	135	100	118	124	101	109
15	135	127	131	139	129	134	136	103	120	116	102	107
16	135	128	132	139	120	131	133	114	122	126	109	115
17	137	116	131	138	115	128	139	121	129	124	106	115
18	137	118	129	136	103	119	145	119	129	118	101	113
19	130	111	122	123	102	110	140	113	126	121	97	111
20	128	110	119	130	112	122	136	110	124	118	101	111
21	127	111	118	130	112	123	150	114	128	143	98	116
22	130	113	121	131	103	121	141	116	128	133	100	108
23	137	119	126	125	99	109	134	116	124	114	101	109
24	135	113	125	133	105	121	130	117	124	118	102	109
25	134	119	126	139	115	125	149	120	132	120	102	111
26	134	114	124	138	117	128	149	123	133	117	101	109
27	132	113	122	134	123	127	128	101	110	116	102	108
28	134	120	127	134	117	128	114	101	106	119	104	112
29	---	---	---	134	109	126	132	102	111	118	105	112
30	---	---	---	135	105	121	117	103	110	154	104	117
31	---	---	---	133	100	113	---	---	---	115	103	107
MONTH	138	108	124	139	99	124	178	100	124	166	97	117

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	113	105	109	150	129	137	129	99	112	155	122	139
2	123	106	113	151	132	138	121	100	114	147	106	131
3	120	110	113	150	133	139	113	96	104	133	95	113
4	123	113	116	137	122	132	120	101	110	127	100	111
5	129	118	121	158	126	132	117	103	110	125	103	114
6	132	122	124	134	125	129	117	100	108	135	107	116
7	137	124	128	132	125	129	125	103	112	140	108	117
8	136	126	130	133	120	128	150	116	124	140	109	117
9	137	126	131	132	112	120	135	110	122	139	111	119
10	132	124	127	125	115	120	143	113	127	142	115	122
11	149	117	129	126	116	121	158	106	125	154	115	123
12	129	116	124	159	109	122	128	101	114	131	118	124
13	129	113	123	124	109	115	136	101	114	140	119	123
14	122	110	116	118	109	114	138	110	120	143	124	130
15	145	108	116	117	110	113	132	106	118	130	120	126
16	139	112	124	118	106	111	122	106	112	133	124	128
17	124	110	119	119	104	110	122	106	112	143	129	132
18	125	110	119	124	113	115	130	107	113	216	136	168
19	130	108	120	127	116	122	125	113	118	191	153	172
20	132	108	123	134	120	126	123	99	116	175	156	168
21	124	107	118	138	123	128	118	99	109	171	147	161
22	125	107	113	131	125	127	115	101	107	160	135	154
23	122	109	114	142	126	131	118	101	111	156	133	148
24	123	109	116	150	128	132	117	104	110	152	124	140
25	121	110	116	187	125	151	123	108	115	153	123	134
26	122	113	118	150	130	137	131	113	124	147	121	134
27	137	114	120	133	119	129	133	117	127	143	128	136
28	136	114	122	137	116	128	140	114	126	148	134	142
29	142	123	128	136	107	124	146	111	125	146	124	136
30	158	126	134	128	107	116	134	106	126	143	128	137
31	---	---	---	122	106	113	139	114	129	---	---	---
MONTH	158	105	121	187	104	125	158	96	117	216	95	134
YEAR	216	88	120									

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

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

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	25.0	26.0	28.0	26.5	27.0	29.5	28.0	28.5	27.0	26.5	26.5
2	28.0	26.0	27.0	28.5	26.5	27.5	28.0	27.5	28.0	28.5	26.0	27.0
3	29.0	26.5	27.5	29.5	27.0	28.0	27.5	26.5	27.0	28.5	26.5	27.5
4	29.5	27.5	28.5	29.5	27.5	28.0	28.0	26.5	27.0	29.0	27.0	27.5
5	29.5	28.0	29.0	29.5	27.5	28.5	28.0	26.0	27.0	29.0	27.0	28.0
6	30.0	28.0	28.5	29.0	28.0	28.5	29.0	26.5	28.0	30.5	27.5	28.5
7	29.0	27.5	28.0	29.0	28.0	28.5	28.5	27.5	28.0	29.5	28.0	28.5
8	28.5	27.0	28.0	30.0	28.0	28.5	28.0	27.5	28.0	30.5	28.5	29.0
9	30.0	27.5	28.5	30.5	28.0	29.0	27.5	26.5	27.0	30.5	28.5	29.0
10	30.0	28.0	29.0	30.5	29.0	30.0	28.5	26.5	27.0	30.0	28.5	28.5
11	30.0	28.5	29.0	30.5	29.5	30.0	29.0	27.0	27.5	30.5	28.5	29.0
12	28.5	28.0	28.5	29.5	28.0	29.0	30.0	28.0	28.5	28.5	27.5	27.5
13	29.0	27.0	28.0	29.0	28.0	28.5	31.0	28.5	29.5	27.5	25.5	26.5
14	27.5	26.0	27.0	29.5	28.0	28.5	30.5	29.0	29.5	25.5	24.0	24.5
15	27.0	26.0	26.5	30.0	28.0	28.5	30.0	29.0	29.5	24.0	23.5	24.0
16	26.5	25.5	26.0	30.0	28.5	29.0	31.0	29.0	29.5	24.0	23.0	23.5
17	28.0	25.5	26.5	29.0	28.5	28.5	29.5	29.0	29.5	24.5	23.0	23.5
18	28.0	27.0	27.5	30.0	28.0	29.0	30.0	28.5	29.5	24.5	23.5	24.0
19	28.5	27.0	27.5	30.0	28.5	29.0	29.5	29.0	29.0	24.5	23.5	24.0
20	28.0	27.0	27.5	30.5	28.5	29.0	30.0	28.5	29.0	25.0	24.0	24.5
21	29.0	26.5	27.5	30.5	29.0	29.5	30.5	29.0	29.5	24.5	24.0	24.5
22	28.5	27.0	27.5	30.5	29.5	29.5	29.5	28.5	29.0	24.5	24.0	24.0
23	29.0	27.0	28.0	29.5	29.0	29.0	29.0	28.0	28.5	26.0	24.0	24.5
24	29.5	27.5	28.5	29.0	27.5	28.0	29.0	28.0	28.5	26.5	24.0	25.0
25	30.0	28.0	29.0	27.5	26.5	27.0	28.5	28.5	28.5	26.5	25.0	25.5
26	30.0	28.5	29.0	27.5	26.5	27.0	28.5	28.0	28.5	25.0	24.5	24.5
27	28.5	27.5	28.0	28.5	27.0	27.5	29.5	28.0	28.5	25.0	24.0	24.5
28	28.0	27.0	27.5	28.0	27.0	27.5	29.0	28.0	28.5	24.5	23.5	24.0
29	28.0	27.0	27.5	27.5	27.0	27.0	28.0	27.5	28.0	23.5	23.0	23.5
30	27.5	26.5	27.0	28.5	27.0	27.5	27.5	27.0	27.5	24.5	23.0	23.5
31	---	---	---	30.0	27.5	28.5	27.0	26.5	27.0	---	---	---
MONTH	30.0	25.0	28.0	30.5	26.5	28.5	31.0	26.0	28.5	30.5	23.0	26.0
YEAR	31.0	4.5	20.0									

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	HARDNESS (MG/L AS CACO3)	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)
OCT								
24...	1327	90	7.0	22.5	20	0	5.1	1.7
NOV								
20...	1431	106	7.0	16.0	20	0	5.2	1.8
DEC								
20...	1343	107	--	13.0	21	0	5.1	2.0
JAN								
16...	1314	120	7.0	8.0	21	0	5.3	2.0
FEB								
13...	1247	126	7.0	7.0	22	0	5.4	2.1
MAR								
13...	1417	130	7.0	15.0	23	0	5.6	2.1
APR								
10...	1427	128	6.9	16.5	24	0	5.9	2.2
MAY								
01...	1236	112	7.0	21.5	22	0	5.6	2.0
JUN								
05...	1215	108	7.0	28.0	23	0	5.8	2.0
JUL								
02...	1215	125	7.0	27.5	25	0	6.4	2.3
31...	1236	115	6.9	28.0	26	1	7.1	2.1
SEP								
26...	1124	127	7.0	24.5	25	0	6.4	2.3

DATE	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
OCT								
24...	9.3	.9	23	7.7	9.0	62	.08	66
NOV								
20...	11	1	24	9.1	15	70	.10	75
DEC								
20...	12	1	22	9.2	14	71	.10	74
JAN								
16...	14	1	21	8.5	17	73	.10	93
FEB								
13...	14	1	22	11	18	73	.10	92
MAR								
13...	15	1	24	11	19	89	.12	86
APR								
10...	15	1	23	11	17	88	.12	82
MAY								
01...	12	1	23	10	14	90	.12	76
JUN								
05...	12	1	24	8.5	12	74	.10	79
JUL								
02...	14	1	26	11	17	87	.12	90
31...	12	1	25	9.0	13	84	.11	86
SEP								
26...	15	1	26	10	17	82	.11	96

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°58'30", long 79°56'26", Berkeley County, Hydrologic Unit 03050201, on west side of Back River 0.1 mi below junction of Foster Creek.

PERIOD OF RECORD.--July 1982 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1982 to current year.

INSTRUMENTATION.--USGS mini-monitor since July 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 436 microsiemens Aug. 28, 1982; minimum, 86 microsiemens June 4, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 230 microsiemens Aug. 1; minimum, 102 microsiemens Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

021720615 BACK RIVER BELOW FOSTER CREEK NR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	141	135	138	139	128	132	149	144	146	140	122	133
2	140	137	138	142	124	132	149	138	144	138	132	134
3	138	130	135	180	134	141	143	137	141	137	129	134
4	134	130	132	139	132	136	143	138	140	132	129	130
5	134	130	132	138	132	135	143	137	139	132	129	130
6	133	130	132	139	130	136	146	140	143	133	130	131
7	133	131	133	137	132	135	144	140	142	137	131	133
8	135	133	134	138	134	136	144	141	142	135	131	133
9	135	131	134	138	135	137	146	141	143	134	131	132
10	135	133	134	137	132	134	144	141	143	135	128	132
11	135	133	134	142	134	135	143	139	142	134	132	133
12	135	133	134	139	135	137	145	141	142	135	132	134
13	141	136	138	139	137	138	143	141	142	136	132	134
14	143	139	141	143	138	139	143	138	140	137	132	135
15	141	139	141	142	137	139	144	139	141	137	134	136
16	142	140	141	140	137	139	142	137	141	136	131	134
17	142	141	142	139	136	138	143	136	141	136	126	132
18	143	141	142	139	136	138	143	140	142	134	124	129
19	143	140	142	141	137	139	144	139	142	132	125	128
20	143	137	140	142	139	140	145	142	143	130	126	128
21	140	138	139	141	140	141	150	142	144	133	127	130
22	140	139	139	141	138	140	149	142	144	132	129	131
23	141	140	141	143	138	140	145	141	144	133	124	130
24	141	139	140	144	141	142	147	143	144	131	126	129
25	141	139	140	145	142	143	146	141	144	128	121	125
26	143	140	142	145	141	143	148	143	146	128	123	125
27	144	140	142	143	140	142	149	143	145	127	119	122
28	144	131	135	145	140	143	147	122	142	126	122	125
29	---	---	---	147	142	144	138	122	132	126	123	125
30	---	---	---	144	141	143	144	128	135	127	119	124
31	---	---	---	148	144	145	---	---	---	127	120	123
MONTH	144	130	138	180	124	139	150	122	142	140	119	130

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	126	122	124	125	123	124	230	152	169	175	157	164
2	126	122	124	126	122	124	188	146	157	160	157	158
3	128	122	125	127	124	125	152	142	150	158	154	157
4	126	121	124	127	125	126	149	141	146	162	154	158
5	128	112	122	127	126	126	151	144	147	159	142	153
6	124	118	122	133	126	127	155	147	151	154	136	146
7	124	118	121	129	127	128	157	145	152	162	137	153
8	122	118	120	130	129	129	173	150	160	161	149	157
9	122	119	120	131	129	130	170	146	158	161	153	157
10	123	120	121	131	128	130	167	146	153	161	143	155
11	125	121	123	131	129	130	163	149	154	162	143	152
12	125	122	123	133	127	130	167	148	162	159	151	154
13	123	121	123	131	128	130	173	155	164	159	153	156
14	123	121	122	135	129	130	181	165	174	162	157	159
15	124	122	123	132	129	131	178	162	168	163	158	161
16	125	122	123	132	129	131	172	162	165	162	158	161
17	130	123	125	132	124	129	173	161	166	164	161	163
18	138	122	125	129	124	126	164	158	162	165	156	162
19	127	124	126	129	125	127	163	139	152	164	160	162
20	127	123	125	131	127	129	156	135	145	166	161	164
21	131	124	126	131	127	129	157	132	145	168	165	166
22	127	122	125	132	130	131	146	133	140	171	167	169
23	128	124	126	133	131	132	145	136	140	174	170	172
24	130	125	127	133	131	132	145	138	143	174	170	173
25	129	124	127	133	131	132	151	140	146	174	171	173
26	128	124	127	144	132	137	164	148	156	172	140	151
27	126	119	122	148	138	143	170	155	163	144	133	140
28	123	119	121	151	140	147	171	146	160	149	121	134
29	124	120	122	152	140	149	166	147	157	142	124	132
30	124	120	123	161	149	153	167	148	156	147	102	113
31	---	---	---	154	151	153	166	156	159	---	---	---
MONTH	138	112	124	161	122	132	230	132	155	175	102	156
YEAR	230	102	133									

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	HARDNESS (MG/L AS CACO3)	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)
OCT								
24...	1342	105	7.0	14.5	23	0	6.4	1.7
NOV								
20...	1445	118	7.0	15.5	23	0	6.1	1.9
DEC								
20...	1327	120	--	12.5	22	1	5.6	2.0
JAN								
16...	1330	137	7.0	10.0	24	--	6.1	2.1
FEB								
13...	1310	138	7.0	7.0	23	2	5.8	2.1
MAR								
13...	1432	140	7.0	8.0	24	--	5.9	2.2
APR								
10...	1449	140	7.0	9.0	27	3	6.5	2.5
MAY								
01...	1300	135	7.0	10.5	25	0	6.3	2.2
JUN								
05...	1230	115	7.0	11.5	24	0	6.0	2.1
JUL								
02...	1236	120	7.0	12.0	25	0	6.5	2.2
31...	1251	142	6.8	13.0	29	2	7.5	2.6
SEP								
26...	1136	150	7.0	13.0	31	--	8.1	2.7

DATE	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
OCT								
24...	12	1	23	7.7	14	74	.10	81
NOV								
20...	13	1	23	9.0	18	83	.11	99
DEC								
20...	14	1	21	9.5	18	78	.11	9
JAN								
16...	16	1	--	9.2	21	83	.11	106
FEB								
13...	16	1	21	11	22	81	.11	98
MAR								
13...	16	1	--	12	21	--	--	--
APR								
10...	16	1	24	11	22	--	--	86
MAY								
01...	14	1	25	9.9	19	63	.09	81
JUN								
05...	13	1	24	8.7	13	74	.10	81
JUL								
02...	13	1	26	10	16	76	.10	90
31...	17	1	27	11	22	100	.14	98
SEP								
26...	18	1	--	11	23	--	--	--

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat33°35'21", long 81°21'57", Aiken County, Hydrologic Unit 03050204, on right downstream abutment of county road bridge, 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Dec. 9-20. Records good.

AVERAGE DISCHARGE.--5 years, 25.5 ft^3/s, 11.10 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 172 ft^3/s, May 29, 1984, gage height, 4.65 ft; minimum daily, 16 ft^3/s, Nov. 1, 3, 4, 7, 1983, Jun. 15, 16, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 84 ft^3/s, Feb. 6, gage height, 3.62 ft; minimum daily, 17 ft^3/s, Apr. 27-29, May 28-30, June 6, Aug. 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	25	26	29	27	23	22	18	19	23	21	26
2	27	25	25	28	48	22	24	19	19	22	20	22
3	26	25	29	43	34	22	22	22	19	20	19	20
4	25	25	27	36	29	22	22	21	18	20	19	19
5	25	25	33	30	48	22	22	20	18	20	19	19
6	25	25	31	27	58	22	27	20	17	21	18	19
7	25	24	28	26	37	22	24	19	20	20	18	19
8	25	24	27	25	31	22	23	21	35	20	20	19
9	24	25	27	25	27	22	23	22	27	19	22	19
10	24	25	26	24	27	23	26	22	22	19	22	18
11	24	26	24	24	28	23	24	21	20	19	20	19
12	24	26	24	24	27	23	24	19	19	19	19	19
13	24	25	25	24	25	22	23	18	19	20	19	19
14	24	25	25	24	22	22	23	18	18	18	18	18
15	24	24	26	24	20	21	23	18	19	18	18	18
16	24	25	25	24	20	22	23	19	29	19	18	18
17	25	24	25	26	20	22	23	19	25	20	17	18
18	26	24	24	26	20	21	22	19	22	19	20	18
19	26	25	25	25	24	21	22	18	25	18	19	18
20	25	25	25	25	27	21	22	18	21	18	18	18
21	25	25	25	24	24	23	21	19	21	18	24	18
22	26	25	25	24	22	25	21	21	21	18	35	18
23	30	24	24	24	22	24	21	23	19	19	23	18
24	27	24	24	24	23	24	21	21	18	21	21	19
25	26	24	24	24	23	23	21	20	18	27	24	20
26	25	24	24	24	24	23	19	19	19	26	25	19
27	25	25	24	24	24	22	17	18	19	22	22	18
28	25	28	29	24	23	22	17	17	18	29	21	18
29	26	27	34	24	---	22	17	17	18	44	22	18
30	26	26	29	24	---	22	18	17	26	28	29	18
31	25	---	26	27	---	22	---	18	---	23	30	---
TOTAL	788	749	815	806	784	692	657	601	628	667	660	567
MEAN	25.4	25.0	26.3	26.0	28.0	22.3	21.9	19.4	20.9	21.5	21.3	18.9
MAX	30	28	34	43	58	25	27	23	35	44	35	26
MIN	24	24	24	24	20	21	17	17	17	18	17	18

CAL YR 1984	TOTAL	9704	MEAN	26.5	MAX	82	MIN	16
WTR YR 1985	TOTAL	8414	MEAN	23.1	MAX	58	MIN	17

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC

LOCATION.--Lat 33°23'35", long 81°08'00", Bamberg-Orangeburg County Line, Hydrologic Unit 03050204, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad Bridge, 1.8 mi downstream from Little River, and 4.8 mi north of Denmark, and at mile 136.6.

DRAINAGE AREA.--720 mi^2, approximately (measured on topographic and highway planning survey maps).

PERIOD OF RECORD.--August 1931 to September 1971, October 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 155.68 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Jan. 3 to Feb. 7. Records good.

AVERAGE DISCHARGE.--45 years (water years 1932-71, 1981 to current year), 783 ft^3/s, 14.77 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,500 ft^3/s, Apr. 11, 1936, gage height, 10.91 ft, from rating curve extended above 7,100 ft^3/s, on basis of velocity-area studies; minimum, 146 ft^3/s, Aug. 12, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge 17,100 ft^3/s) (by conveyance-slope study).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,850 ft^3/s, Feb. 8, gage height, 7.68 ft; minimum daily, 248 ft^3/s, Jun. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	422	499	544	548	670	1020	551	387	326	405	526	755
2	439	490	551	562	700	980	535	368	310	353	552	784
3	443	491	569	633	780	908	524	366	299	353	533	761
4	446	491	583	1000	950	858	516	397	284	351	536	704
5	445	493	613	1250	1400	828	506	395	268	337	521	702
6	440	488	666	1200	2000	790	508	394	255	345	450	711
7	428	477	686	1100	2780	751	519	398	248	352	385	686
8	415	469	706	1000	2780	713	524	399	310	349	392	594
9	404	464	735	950	2470	687	524	379	371	353	400	468
10	394	461	752	1000	2310	663	524	383	396	347	419	394
11	380	464	758	950	2340	647	526	397	376	320	415	359
12	376	470	781	900	2080	632	536	380	374	324	404	332
13	376	470	805	800	1750	622	519	364	374	293	392	339
14	373	472	774	750	1480	615	510	350	328	279	371	326
15	372	479	714	700	1320	611	498	338	297	293	340	304
16	372	487	659	640	1200	595	494	370	397	338	307	293
17	379	492	617	640	1120	614	492	345	489	333	287	284
18	439	491	596	660	1070	620	486	308	495	327	281	276
19	474	485	583	700	1030	602	481	292	478	346	287	266
20	478	482	573	680	1020	592	481	283	444	335	301	257
21	470	483	568	650	1010	599	475	272	428	298	312	256
22	465	485	564	640	990	632	453	271	400	276	366	255
23	454	490	559	620	968	653	431	330	364	378	386	256
24	444	494	557	680	945	653	415	385	329	337	381	259
25	442	494	552	660	937	646	409	368	302	313	424	259
26	443	494	549	640	989	637	395	359	285	323	455	258
27	444	494	543	620	1040	642	380	363	274	345	460	255
28	474	508	540	650	1060	652	380	334	266	413	461	251
29	561	530	539	680	---	639	403	303	265	431	451	252
30	541	537	541	650	---	607	407	335	393	442	526	252
31	514	---	545	640	---	576	---	349	---	472	682	---
TOTAL	13547	14624	19322	23793	39189	21284	14402	10962	10425	10761	13003	12148
MEAN	437	487	623	768	1400	687	480	354	348	347	419	405
MAX	561	537	805	1250	2780	1020	551	399	495	472	682	784
MIN	372	461	539	548	670	576	380	271	248	276	281	251

CAL YR 1984	TOTAL	305096	MEAN	834	MAX	3010	MIN	331
WTR YR 1985	TOTAL	203460	MEAN	557	MAX	2780	MIN	248

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC

LOCATION.--Lat 33°29'00", long 80°52'25", Orangeburg County, Hydrologic Unit 03050203, on left bank under bridge on U.S. Highway 301 at Orangeburg, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Caw Caw Swamp and at mile 22.1.

DRAINAGE AREA.--683 mi^2.

REVISED RECORDS.--WSP 1032: Drainage area.

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

GAGE.--Water-stage recorder. Datum of gage is 149.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges, May 5-30, which are poor. About 8.2 ft^3/s diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--47 years, 792 ft^3/s, 15.75 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,500 ft^3/s, Sept. 18, 1945, gage height, 14.28 ft, from rating curve extended above 5,300 ft^3/s, by velocity-area studies; minimum, 190 ft^3/s, Sept. 13, 14, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft^3/s, from rating curve extended as described above, on basis of information from Department of Public Utilities, City of Orangeburg.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,380 ft^3/s, Feb. 8, gage height 8.78 ft; minimum daily, 310 ft^3/s, (estimated), May 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	490	519	577	522	645	953	582	400	356	572	1380	1520
2	543	520	579	545	684	889	560	394	352	662	1070	1670
3	544	524	586	697	731	834	541	406	348	675	927	1440
4	530	519	592	931	815	793	533	453	343	669	822	1320
5	517	492	619	1190	1020	773	525	454	352	625	731	1280
6	507	475	659	1210	1680	750	546	429	338	571	644	1210
7	496	469	684	1010	2200	704	571	418	335	527	542	1080
8	482	466	684	912	2350	681	564	403	438	489	477	892
9	466	465	693	896	1980	675	567	429	439	447	463	789
10	453	467	700	950	1670	673	566	450	403	423	453	714
11	444	467	701	929	1720	665	564	428	387	414	455	630
12	434	479	705	844	1630	659	562	420	404	410	440	542
13	429	490	707	747	1400	645	545	400	410	393	409	498
14	425	496	691	682	1230	635	527	380	393	371	397	469
15	425	500	654	645	1080	629	515	390	378	365	386	454
16	424	504	619	621	982	623	513	411	416	408	370	442
17	427	506	595	614	921	652	517	392	483	447	366	429
18	456	504	580	633	888	663	516	360	506	426	619	419
19	473	499	569	639	868	646	510	340	519	395	609	411
20	476	495	560	636	886	632	507	320	523	402	539	399
21	495	496	551	629	911	632	504	310	501	425	448	396
22	513	496	543	609	921	685	490	340	477	450	603	397
23	511	499	537	613	903	719	469	370	427	449	639	392
24	510	505	534	631	890	712	452	399	389	433	597	388
25	507	506	532	630	881	697	437	390	369	476	625	390
26	508	504	530	616	888	677	424	380	370	490	730	388
27	511	503	527	600	954	664	411	400	360	510	898	378
28	513	529	525	618	997	659	405	370	342	659	1000	378
29	528	563	524	630	---	648	409	340	340	966	1100	379
30	526	583	532	614	---	627	408	382	482	1830	1220	378
31	520	---	523	613	---	600	---	363	---	1770	1380	---
TOTAL	15083	15040	18612	22656	32725	21494	15240	12121	12180	18149	21339	20472
MEAN	487	501	600	731	1169	693	508	391	406	585	688	682
MAX	544	583	707	1210	2350	953	582	454	523	1830	1380	1670
MIN	424	465	523	522	645	600	405	310	335	365	366	378

CAL YR 1984	TOTAL	318576	MEAN	870	MAX	3140	MIN	388
WTR YR 1985	TOTAL	225111	MEAN	617	MAX	2350	MIN	310

02174000 EDISTO RIVER NEAR BRANCHVILLE, SC

LOCATION.--Lat 33°10'35", long 80°45'05", Bamberg County, Hydrologic Unit 03050205, on right bank 400 ft downstream from bridge on U.S. Highway 21, 4.7 mi downstream from Brier Branch, 5.2 mi south of Branchville, and at mile 100.0.

DRAINAGE AREA.--1,720 mi^2, approximately.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 80.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to May 19, 1949, at datum 1.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 22 to Nov. 6. Records good.

AVERAGE DISCHARGE.--40 years, 2,010 ft^3/s, 15.87 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft^3/s, Sept. 3, 1964, gage height, 11.44 ft; minimum, 323 ft^3/s, Aug. 14, 1956.

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 ft^3/s, by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,350 ft^3/s, Feb. 11, gage height, 8.61 ft; minimum daily, 726 ft^3/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	909	1120	1170	1170	1380	2360	1470	895	838	853	1620	2140
2	951	1110	1200	1170	1410	2450	1410	896	827	961	2010	2180
3	1000	1110	1220	1210	1450	2500	1350	887	797	1030	2330	2390
4	1040	1110	1220	1360	1480	2440	1290	876	779	1040	2310	2660
5	1060	1120	1240	1510	1570	2330	1240	882	768	1040	2080	2770
6	1060	1120	1290	1720	1900	2200	1220	904	755	1050	1830	2700
7	1050	1110	1330	2050	2470	2070	1200	904	743	1040	1640	2540
8	1040	1090	1370	2420	3360	1970	1200	905	740	1010	1500	2400
9	1030	1070	1410	2540	4320	1870	1210	911	778	965	1360	2280
10	1010	1050	1440	2450	5040	1770	1200	928	833	922	1210	2120
11	984	1040	1460	2310	5330	1700	1190	924	858	893	1120	1910
12	963	1040	1480	2260	5240	1640	1190	910	873	895	1050	1630
13	945	1030	1510	2340	5040	1600	1190	903	867	863	1000	1310
14	928	1040	1540	2360	4920	1570	1200	901	860	842	965	1120
15	917	1050	1560	2230	4590	1530	1190	892	859	808	926	1010
16	909	1060	1580	2000	4100	1510	1180	876	854	775	893	944
17	913	1060	1570	1790	3660	1520	1160	856	856	783	855	895
18	946	1070	1520	1650	3260	1530	1130	845	899	831	828	858
19	980	1070	1450	1550	2940	1540	1110	829	964	845	850	832
20	1010	1080	1380	1490	2730	1560	1090	806	1020	830	964	810
21	1030	1080	1330	1460	2600	1540	1080	786	1040	821	1030	791
22	1040	1070	1290	1430	2530	1540	1060	775	1030	842	1070	774
23	1060	1060	1260	1410	2490	1560	1050	786	991	905	1080	761
24	1080	1060	1240	1390	2450	1590	1030	806	943	929	1120	752
25	1090	1060	1220	1390	2400	1630	1000	841	878	939	1170	747
26	1100	1070	1200	1400	2330	1640	969	865	824	944	1200	751
27	1100	1070	1190	1410	2300	1610	942	862	795	944	1220	754
28	1110	1090	1190	1410	2300	1580	920	848	770	978	1300	743
29	1140	1100	1180	1390	---	1540	897	837	750	1140	1480	734
30	1130	1140	1180	1370	---	1510	889	826	766	1300	1720	726
31	1120	---	1170	1380	---	1500	---	827	---	1430	1980	---
TOTAL	31645	32350	41390	53020	85590	54900	34257	26789	25555	29448	41711	43032
MEAN	1021	1078	1335	1710	3057	1771	1142	864	852	950	1346	1434
MAX	1140	1140	1580	2540	5330	2500	1470	928	1040	1430	2330	2770
MIN	909	1030	1170	1170	1380	1500	889	775	740	775	828	726

CAL YR 1984	TOTAL	823844	MEAN	2251	MAX	8630	MIN	869
WTR YR 1985	TOTAL	499687	MEAN	1369	MAX	5330	MIN	726

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 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1303: 1939 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 20.46 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Aug. 3 to Sept. 19. Records good. About 112 ft^3/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--46 years, 2,650 ft^3/s, 13.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft^3/s, June 14, 1973, gage height, 15.84 ft; minimum, 290 ft^3/s, Aug. 16, 1956, gage height, 0.51 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1904, 17.5 ft in February 1925, from investigation by Charleston Commissioners of Public Works, discharge, 24,900 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,200 ft^3/s, Feb. 17, gage height, 9.94 ft; minimum daily, 599 ft^3/s, Jun. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	782	986	970	1050	1300	2430	1510	723	653	639	2350	2520
2	775	1030	999	1040	1310	2390	1470	710	650	660	2890	3100
3	795	1060	1020	1050	1330	2360	1430	711	647	738	3270	3250
4	832	1060	1040	1080	1350	2370	1370	713	633	812	3500	3180
5	872	1050	1060	1130	1410	2390	1290	706	616	856	3560	3040
6	902	1050	1070	1210	1700	2410	1210	697	607	892	3260	3190
7	915	1030	1090	1320	1950	2390	1150	696	602	885	3040	3300
8	912	1000	1120	1440	2080	2310	1110	700	612	873	2950	3400
9	893	973	1140	1570	2240	2210	1080	707	601	856	2750	3570
10	875	954	1180	1730	2480	2100	1070	709	599	822	2550	3480
11	857	945	1220	1900	2930	2000	1060	727	628	773	2380	3190
12	833	926	1240	2030	3640	1910	1050	740	661	722	2220	3180
13	813	898	1260	2100	4360	1810	1050	730	684	717	1900	3000
14	796	891	1290	2110	4850	1720	1060	718	683	712	1600	2650
15	781	889	1320	2090	5070	1640	1060	709	684	697	1310	2320
16	765	899	1340	2090	5160	1580	1050	699	739	676	1130	2000
17	758	908	1370	2110	5180	1590	1050	695	759	689	1000	1370
18	782	916	1390	2100	5060	1590	1030	684	729	687	900	1280
19	790	926	1400	1970	4740	1590	1010	669	732	689	850	977
20	815	925	1380	1770	4290	1570	980	661	774	696	820	938
21	857	927	1330	1600	3830	1570	953	653	821	683	820	884
22	895	926	1270	1500	3410	1600	928	639	848	665	880	838
23	938	927	1210	1440	3090	1640	906	635	850	668	960	788
24	940	919	1160	1390	2870	1640	889	634	824	739	1020	741
25	937	918	1130	1350	2710	1630	880	629	785	947	1080	706
26	930	916	1110	1320	2610	1630	855	639	729	1060	1130	686
27	924	920	1090	1310	2550	1640	818	655	685	1090	1190	674
28	918	935	1080	1320	2490	1650	785	666	656	1090	1260	667
29	913	949	1070	1330	---	1630	770	666	640	1270	1500	663
30	918	956	1060	1320	---	1590	750	662	638	1630	1720	653
31	942	---	1050	1300	---	1550	---	665	---	1970	2100	---
TOTAL	26655	28609	36459	48070	85990	58130	31624	21247	20769	26903	57890	60235
MEAN	860	954	1176	1551	3071	1875	1054	685	692	868	1867	2008
MAX	942	1060	1400	2110	5180	2430	1510	740	850	1970	3560	3570
MIN	758	889	970	1040	1300	1550	750	629	599	639	820	653

CAL YR 1984	TOTAL	1108880	MEAN	3030	MAX	14100	MIN	723
WTR YR 1985	TOTAL	502581	MEAN	1377	MAX	5180	MIN	599

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1967 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV 14...	1800	870	65	5.8	13.0	2.4	772	9.0	84	K30	120	11
JAN 31...	1030	1320	63	6.9	8.5	1.5	761	11.3	97	K35	K45	12
MAR 27...	1700	1700	70	7.1	16.0	1.1	768	9.0	90	K30	--	17
MAY 16...	1700	670	58	7.0	28.0	1.6	749	6.8	89	K20	K24	14
JUL 11...	2045	732	79	7.1	27.5	2.0	762	7.0	89	K60	80	12
SEP 19...	1800	990	84	6.9	23.5	3.0	767	7.3	85	K35	100	20

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 14...	0	3.1	.78	7.2	57	1	.80	10	8.0	6.9	<.10	6.8
JAN 31...	1	3.6	.81	7.7	55	1	1.0	10	8.6	7.4	<.10	5.5
MAR 27...	0	5.0	1.0	7.4	47	.8	1.0	14	7.1	9.0	<.10	2.7
MAY 16...	3	4.2	.77	8.3	54	1	1.2	10	7.6	6.6	<.10	4.5
JUL 11...	0	3.5	.69	11	65	1	.90	11	11	8.2	<.10	5.9
SEP 19...	3	6.1	1.2	13	57	1	.90	17	9.0	9.6	<.10	8.3

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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 14...	48	40	.07	113	.28	.070	.09	.20	<.010	--	<.010	.030
JAN 31...	50	42	.07	178	.28	.030	.04	.60	.150	--	.060	.040
MAR 27...	54	43	.07	248	<.10	.030	.04	.30	.030	--	<.010	<.010
MAY 16...	38	41	.05	69	.23	.030	.04	.70	.080	--	.100	.080
JUL 11...	62	48	.08	123	.25	.080	.10	.60	.100	.31	.040	.040
SEP 19...	75	58	.10	200	.15	.020	.03	.60	.100	.31	.070	.040

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 14...	.09	60	1	12	.0	<1	2	<3	10	410	1	<4
JAN 31...	.12	120	<1	8	<.5	<1	1	<3	1	180	2	<4
MAR 27...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 16...	.25	210	1	62	<.5	<1	2	<3	17	350	25	<4
JUL 11...	.12	50	2	14	<.5	<1	3	<3	4	370	2	6
SEP 19...	.12	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 14...	11	<.1	<10	6	<1	<1	16	<6	<3	7	17	56
JAN 31...	3	.1	<10	1	<1	<1	16	<6	22	2	6.1	60
MAR 27...	--	--	--	--	--	--	--	--	--	3	12	77
MAY 16...	38	<.1	<10	2	<1	<1	21	<6	49	5	8.1	65
JUL 11...	14	.3	<10	3	<1	<1	15	<6	6	9	18	42
SEP 19...	--	--	--	--	--	--	--	--	--	5	13	59

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

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

LOCATION.--Lat 32°59'20", long 81°03'10", Hampton County, Hydrologic Unit 03050207, on right bank 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi^2.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 64.35 ft above National Geodetic Vertical Datum of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

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

AVERAGE DISCHARGE.--34 years, 345 ft^3/s, 13.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,300 ft^3/s, Mar. 13, 1980, gage height, 5.44 ft; minimum, 17 ft^3/s, Sept. 13, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 985 ft^3/s, Feb. 9, gage height, 4.07 ft; minimum daily, 60 ft^3/s, Jun. 7, 27, Sept. 29, 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	191	240	251	205	248	338	199	101	91	117	339	642
2	200	305	271	208	275	347	191	103	86	137	279	618
3	213	334	297	280	316	345	184	122	81	150	221	637
4	237	317	293	386	329	328	178	117	69	141	168	605
5	252	293	305	454	380	304	170	104	66	120	149	504
6	232	299	320	480	623	280	183	100	70	99	138	363
7	196	297	321	593	696	258	190	95	60	99	118	258
8	174	265	325	628	729	243	201	90	91	97	163	197
9	161	226	340	589	940	234	215	88	110	94	225	158
10	150	203	351	515	944	227	220	94	124	86	271	135
11	143	188	347	420	865	221	201	124	123	73	304	119
12	140	182	332	337	776	218	183	141	124	84	332	105
13	136	188	311	279	622	216	179	129	118	76	287	99
14	133	191	288	253	494	214	183	108	112	91	189	96
15	133	187	266	241	420	211	181	94	104	105	135	89
16	132	185	254	234	376	217	187	91	158	107	113	85
17	133	185	247	231	347	251	189	87	167	113	98	81
18	134	184	243	236	326	258	189	90	159	131	92	77
19	136	186	240	243	309	264	181	93	172	145	88	74
20	147	187	236	249	307	269	168	89	182	108	82	70
21	195	189	232	243	307	270	154	84	177	98	101	67
22	245	200	232	241	302	271	141	81	153	97	282	69
23	190	206	232	235	305	266	132	116	112	89	403	70
24	175	203	230	236	311	268	124	124	89	76	627	69
25	169	198	226	235	314	273	119	128	77	76	700	69
26	163	197	219	234	313	272	114	140	65	89	634	68
27	158	198	211	232	335	260	110	135	60	111	556	66
28	155	214	206	233	333	240	105	111	63	153	560	63
29	161	235	206	231	---	224	101	86	71	208	560	60
30	167	242	204	229	---	215	101	84	115	296	621	60
31	188	---	203	236	---	208	---	92	---	408	669	---
TOTAL	5339	6724	8239	9646	12842	8010	4973	3241	3249	3874	9504	5673
MEAN	172	224	266	311	459	258	166	105	108	125	307	189
MAX	252	334	351	628	944	347	220	141	182	408	700	642
MIN	132	182	203	205	248	208	101	81	60	73	82	60

CAL YR 1984	TOTAL	141105	MEAN	386	MAX	2100	MIN	111
WTR YR 1985	TOTAL	81314	MEAN	223	MAX	944	MIN	60

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC
(National stream-quality accounting network station)

LOCATION.--Lat 32°50'10", long 81°07'55", Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.30 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair, except those below 10 ft^3/s which are poor.

AVERAGE DISCHARGE.--34 years, 183 ft^3/s, 12.24 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,160 ft^3/s, Sept. 2, 1969, gage height, 8.39 ft, from floodmarks; no flow for some days in 1951, 1954, 1956, 1957, 1968, 1969, 1980, 1981, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,000 ft^3/s, Aug. 31, gage height, 4.65 ft; minimum daily, 0.50 ft^3/s, Jun. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	7.7	22	18	32	126	29	3.1	3.0	24	250	734
2	57	7.0	24	19	43	115	24	2.9	2.4	40	190	572
3	46	6.6	23	35	53	101	19	3.0	2.0	19	135	420
4	29	7.8	22	92	61	91	18	3.2	1.4	15	122	349
5	18	9.1	34	129	103	83	14	3.7	1.0	20	95	273
6	13	9.8	51	136	438	72	19	4.0	.64	15	62	194
7	9.9	8.8	64	112	746	62	26	3.3	1.0	10	47	151
8	8.5	7.6	66	74	590	58	31	3.1	3.1	8.3	114	132
9	7.1	6.8	56	53	375	53	23	2.8	4.2	5.7	248	98
10	6.0	6.3	43	44	236	50	16	3.0	7.6	3.8	426	74
11	5.1	6.6	36	40	169	48	13	3.2	7.0	2.8	375	56
12	4.5	7.0	33	37	162	48	12	4.0	5.0	6.6	226	45
13	4.2	5.7	31	33	149	45	16	6.5	5.0	12	136	36
14	3.8	5.6	28	32	135	42	26	7.8	4.6	5.1	91	31
15	3.5	6.2	26	34	126	38	35	9.0	3.5	3.3	62	27
16	3.3	7.0	26	28	114	42	73	6.2	19	2.5	45	23
17	3.3	7.3	25	26	103	68	68	6.1	21	5.6	36	20
18	3.9	6.8	24	29	96	92	51	5.9	29	47	37	17
19	4.3	7.0	24	31	91	90	35	4.1	22	95	32	15
20	4.4	7.7	24	31	89	70	23	3.1	11	98	26	14
21	5.7	6.5	23	31	88	60	17	2.4	6.2	73	26	18
22	9.3	7.6	23	28	88	65	12	2.9	4.0	39	28	19
23	8.6	8.4	23	23	88	85	9.5	5.2	2.6	134	28	16
24	7.5	8.8	22	24	85	86	7.9	5.5	1.8	163	59	15
25	6.4	9.1	23	27	80	68	7.2	8.1	1.3	122	85	17
26	5.7	9.5	22	28	77	61	6.8	6.5	.98	67	197	15
27	5.5	9.8	20	24	101	54	6.3	4.4	.68	51	474	14
28	5.5	13	20	24	124	46	4.8	2.9	.50	50	439	12
29	6.6	17	20	25	---	40	3.9	2.0	.62	143	388	9.4
30	8.1	19	20	25	---	35	3.3	2.2	2.8	290	546	9.2
31	8.3	---	19	29	---	32	---	2.9	---	346	940	---
TOTAL	376.0	253.1	917	1321	4642	2026	649.7	133.0	174.92	1916.7	5965	3425.6
MEAN	12.1	8.44	29.6	42.6	166	65.4	21.7	4.29	5.83	61.8	192	114
MAX	64	19	66	136	746	126	73	9.0	29	346	940	734
MIN	3.3	5.6	19	18	32	32	3.3	2.0	.50	2.5	26	9.2

CAL YR 1984	TOTAL	71807.0	MEAN	196	MAX	1140	MIN	3.3
WTR YR 1985	TOTAL	21800.02	MEAN	59.7	MAX	940	MIN	.50

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
16...	0945	9.6	126	6.1	11.0	1.6	767	9.2	83	640	1600	47
FEB												
26...	1515	79	125	6.3	18.0	1.5	765	8.2	86	K10	200	33
MAY												
17...	1320	6.7	126	7.1	21.5	1.5	749	5.2	60	92	360	50
AUG												
29...	1330	396	75	6.4	23.0	2.5	767	6.4	74	K1700	4900	28

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
16...	1	15	2.4	6.1	21	.4	2.1	48	3.6	8.9	<.10	13
FEB												
26...	10	9.7	2.2	6.4	28	.5	1.9	26	6.6	11	<.10	6.2
MAY												
17...	0	16	2.3	6.0	20	.4	2.2	48	5.6	7.5	<.10	7.3
AUG												
29...	7	8.9	1.5	4.5	24	.4	1.4	18	.9	9.4	<.10	9.9

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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV												
16...	87	79	.12	2.3	<.10	.050	.06	.60	<.010	--	<.010	.040
FEB												
26...	82	58	.11	17	--	--	--	.80	.140	--	.130	--
MAY												
17...	97	83	.13	1.8	.21	.100	.13	.90	.300	--	.260	.260
AUG												
29...	89	50	.12	95	<.10	.010	.01	.90	.150	.46	.130	.160

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 16...	.12	50	<1	29	.0	<1	1	<3	<1	190	1	<4
FEB 26...	--	140	<1	26	<.5	<1	<1	3	1	270	5	<4
MAY 17...	.80	30	<1	35	<.5	<1	3	<3	3	470	4	<4
AUG 29...	.49	110	1	33	<.5	<1	<1	<3	2	600	1	<4

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 16...	36	<.1	<10	<1	<1	<1	53	<6	<3	5	.14	45
FEB 26...	38	.3	<10	1	<1	1	38	<6	8	4	.87	47
MAY 17...	140	.4	<10	5	<1	<1	58	<6	21	5	.10	63
AUG 29...	45	.3	<10	4	<1	<1	32	<6	7	8	8.9	42

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

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 Tallulah River. Water-quality sampling site at gaging station. See Water Resources Data for Georgia.

DRAINAGE AREA.--207 mi^2.

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above National Geodetic Vertical Datum of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

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

AVERAGE DISCHARGE.--46 years (water years 1940-84), 659 ft^3/s, 43.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,000 ft^3/s, Aug. 30, 1940, gage height, 13.8 ft, from rating curve extended above 4,700 ft^3/s, on basis of slope-area measurements at gage heights 9.9 and 13.2 ft; minimum, 88 ft^3/s, Oct. 8, 12, 13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base discharge of 3,400 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Aug. 17	1600	*4,740	*4.75	No other peak greater than base discharge.			

Minimum, 217 ft^3/s, June 27, July 22, 23, gage height, 1.15 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	307	330	468	311	1680	625	446	379	309	659	512	614
2	274	318	447	583	1860	609	406	460	295	512	423	540
3	262	326	607	892	1230	574	394	528	288	359	367	498
4	256	488	501	896	890	555	390	454	278	295	331	468
5	251	602	647	732	856	548	399	414	272	269	306	446
6	246	438	1010	592	1010	521	809	387	267	326	290	426
7	246	378	710	530	855	508	570	373	289	369	589	413
8	251	350	598	489	739	506	491	385	437	291	664	393
9	266	332	539	457	677	506	460	495	309	256	559	427
10	279	340	499	438	639	490	441	599	280	239	510	404
11	266	596	471	433	719	483	431	603	278	232	565	385
12	249	446	445	409	1630	479	422	531	362	228	534	368
13	241	385	428	393	1060	460	414	724	327	290	632	364
14	236	356	410	388	887	455	413	546	265	368	466	350
15	235	341	395	378	799	447	793	538	254	391	404	335
16	232	330	383	364	735	438	699	465	277	352	375	324
17	259	316	375	413	696	440	663	443	254	308	2240	314
18	283	306	367	421	664	427	574	422	277	258	1630	306
19	251	361	357	385	650	420	529	392	269	238	949	299
20	241	381	353	370	678	418	500	379	249	236	734	290
21	304	323	350	360	626	427	477	367	233	233	634	283
22	388	309	377	355	603	554	457	365	227	218	555	282
23	450	302	365	350	591	562	442	454	235	244	515	280
24	559	296	343	340	583	489	465	376	277	346	529	311
25	488	290	355	330	629	463	477	357	261	427	960	287
26	415	284	334	320	934	444	427	342	230	371	732	274
27	328	282	328	310	736	434	418	330	221	347	616	284
28	333	1010	323	310	659	436	417	319	225	762	558	259
29	567	763	318	320	---	435	399	324	226	731	530	252
30	442	539	316	328	---	424	386	319	517	589	1010	250
31	360	---	314	491	---	421	---	312	---	746	706	---
TOTAL	9765	12118	13733	13688	24315	14998	14809	13382	8488	11490	20425	10726
MEAN	315	404	443	442	868	484	494	432	283	371	659	358
MAX	567	1010	1010	896	1860	625	899	724	517	762	2240	614
MIN	232	282	314	310	583	418	386	312	221	218	290	250
CFSM	1.52	1.95	2.14	2.14	4.19	2.34	2.39	2.09	1.37	1.79	3.18	1.73
IN.	1.75	2.18	2.47	2.46	4.37	2.70	2.66	2.40	1.53	2.06	3.67	1.93

CAL YR 1984	TOTAL	250709	MEAN	685	MAX	3090	MIN	232	CFSM	3.31	IN	45.05
WTR YR 1985	TOTAL	167937	MEAN	460	MAX	2240	MIN	218	CFSM	2.22	IN	30.18

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 State Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi^2.

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--18 years, 185 ft^3/s, 34.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 12,800 ft^3/s, June 4, 1967, gage height, 12.29 ft (revised); minimum, 15 ft^3/s, Jul. 11-20, Oct. 3-8, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Aug. 17	1345	*3400	*5.90
Aug. 25	0330	1730	4.15

Minimum daily, 47 ft^3/s Jul. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	92	110	156	585	150	118	98	78	120	184	112
2	79	89	115	197	532	145	110	131	74	96	142	102
3	78	86	203	262	270	136	109	151	72	74	108	97
4	77	145	138	239	194	132	108	117	68	66	92	94
5	76	126	224	191	236	129	109	107	67	61	82	90
6	75	103	246	162	280	123	172	101	66	85	77	90
7	75	92	164	151	233	121	130	98	81	89	155	89
8	77	89	139	142	221	121	120	103	120	68	179	84
9	80	86	125	120	207	122	113	133	81	60	119	79
10	84	96	117	117	185	119	110	138	74	61	100	75
11	80	171	110	115	225	121	110	131	77	65	92	72
12	76	124	106	111	553	123	109	126	111	61	92	69
13	75	113	103	100	262	119	108	123	78	109	80	71
14	74	108	109	99	209	121	107	110	69	75	74	68
15	73	105	107	97	183	119	193	110	66	66	72	65
16	72	105	102	94	184	117	180	101	74	62	68	63
17	75	99	94	111	177	116	156	98	68	63	1270	61
18	77	89	91	104	169	114	142	97	68	57	400	60
19	74	102	90	99	167	112	131	92	65	55	211	58
20	79	95	89	94	150	112	125	90	63	52	157	56
21	95	89	89	91	135	115	121	88	60	51	132	56
22	101	89	94	92	131	149	116	98	58	47	112	56
23	93	87	88	92	129	137	111	139	57	72	102	54
24	155	86	90	92	127	129	116	100	59	81	106	60
25	112	86	92	90	137	122	123	94	58	84	654	59
26	98	85	87	85	279	117	111	88	55	80	204	56
27	91	92	86	84	187	116	108	85	61	78	156	56
28	97	177	85	90	161	116	107	83	56	340	134	54
29	134	135	84	89	---	116	106	84	57	199	123	52
30	102	119	108	86	---	115	101	85	76	182	179	52
31	94	---	155	148	---	116	---	80	---	237	126	---
TOTAL	2713	3160	3640	3800	6508	3820	3680	3279	2117	2896	5782	2110
MEAN	87.5	105	117	123	232	123	123	106	70.6	93.4	187	70.3
MAX	155	177	246	262	585	150	193	151	120	340	1270	112
MIN	72	85	84	84	127	112	101	80	55	47	68	52

CAL YR 1984	TOTAL	75794	MEAN	207	MAX	1060	MIN	66
WTR YR 1985	TOTAL	43505	MEAN	119	MAX	1270	MIN	47

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, 0.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi^2.

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft^3 between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Water is used for flood control, generation of power, and in the interest of navigation below Augusta.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft Apr. 8, 1964; minimum, 626.70 ft Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.-- Maximum elevation, 660.57 ft Apr. 22, 23, 29; minimum, 655.86 ft Sept. 30.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

655.0 ft	50.02 ft^3
660.0 ft	61.66 ft^3
665.0 ft	74.43 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	658.57	658.81	659.63	659.57	658.36	659.94	659.85	660.30	659.64	659.28	657.32	658.04
2	658.50	658.76	659.82	659.45	658.75	659.99	659.80	660.25	659.66	659.18	657.20	657.99
3	658.52	658.81	659.85	659.48	658.94	660.08	659.71	660.28	659.55	659.01	657.25	657.90
4	658.55	658.91	659.86	659.49	658.95	660.04	659.68	660.31	659.28	659.00	657.28	657.69
5	658.46	658.94	660.11	659.62	659.31	659.94	659.78	660.35	659.12	658.79	657.18	657.56
6	658.50	659.01	660.16	659.67	659.57	659.84	659.87	660.27	659.09	658.92	657.24	657.39
7	658.54	659.08	660.24	659.57	659.58	659.73	659.93	660.19	659.11	659.02	657.22	657.41
8	658.61	659.07	660.32	659.46	659.64	659.61	659.90	660.14	659.18	658.84	657.23	657.44
9	658.60	659.06	660.40	659.33	659.75	659.72	659.79	660.17	659.20	658.73	657.01	657.21
10	658.59	659.15	660.34	659.19	659.86	659.77	659.81	660.12	659.10	658.55	657.15	657.14
11	658.52	659.25	660.33	659.07	660.07	659.63	659.82	660.17	659.00	658.29	657.21	656.97
12	658.55	659.28	660.30	659.02	660.14	659.56	659.77	660.27	659.06	658.17	657.15	656.80
13	658.70	659.35	660.25	659.06	660.06	659.37	659.85	660.08	659.00	658.18	657.19	656.71
14	658.87	659.37	660.19	658.92	659.98	659.26	659.91	659.76	659.08	658.19	657.02	656.72
15	658.89	659.35	660.25	658.72	659.87	659.18	660.03	659.75	659.12	658.04	656.86	656.72
16	658.81	659.31	660.29	658.64	659.96	659.22	660.12	659.69	659.16	657.83	656.82	656.70
17	658.87	659.36	660.25	658.52	660.06	659.34	660.17	659.71	659.09	657.65	657.40	656.70
18	658.88	659.39	660.21	658.45	660.01	659.22	660.17	659.75	658.98	657.52	657.75	656.57
19	658.80	659.43	660.15	658.50	659.95	659.31	660.43	659.81	658.94	657.32	657.78	656.44
20	658.85	659.37	660.13	658.40	659.91	659.19	660.48	659.81	658.92	656.94	657.72	656.35
21	658.95	659.26	660.16	657.96	659.85	659.26	660.53	659.73	658.94	656.96	657.71	656.36
22	659.09	659.20	660.25	657.88	659.63	659.43	660.57	659.69	659.02	656.85	657.57	656.41
23	659.03	659.17	660.31	657.80	659.75	659.48	660.50	659.72	659.04	656.86	657.54	656.27
24	658.90	659.20	660.10	657.72	659.88	659.53	660.45	659.68	659.14	656.98	657.67	656.27
25	658.88	659.22	660.05	657.65	659.94	659.60	660.40	659.72	659.04	657.05	657.94	656.17
26	658.90	659.47	659.92	657.74	659.99	659.61	660.41	659.76	658.83	656.98	658.04	656.06
27	658.94	659.44	659.78	657.84	659.97	659.57	660.48	659.69	658.79	657.05	657.97	655.92
28	658.98	659.53	659.75	657.83	659.87	659.55	660.55	659.68	658.83	657.36	657.99	655.94
29	658.78	659.53	659.80	657.76	---	659.53	660.41	659.63	658.88	657.45	658.00	655.97
30	658.66	659.57	659.85	657.73	---	659.60	660.34	659.63	659.15	657.35	657.92	655.88
31	658.68	---	659.64	657.94	---	659.77	---	659.61	---	657.42	657.97	---
MAX	659.09	659.57	660.40	659.67	660.14	660.08	660.57	660.35	659.66	659.28	658.04	658.04
MIN	658.46	658.76	659.63	657.65	658.36	659.18	659.68	659.61	658.79	656.85	656.82	655.88
(+)	58.49	60.62	60.79	56.73	61.34	61.10	62.49	60.71	59.60	55.52	56.80	51.99
(*)	37	822	63	-1,516	1,905	-90	536	-664	-428	-1,523	478	-1,856

CAL YR 1984 (*) -187 MAX 663.30 MIN 658.46
WTR YR 1985 (*) 203 MAX 660.57 MIN 655.88

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

02194500 CLARK HILL LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40", long 82°12'00", Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi², approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft³ between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Water is used for flood control, generation of power, and navigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft Apr. 9, 1964; minimum, 296.48 ft Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 329.77 ft Feb. 11; minimum 320.70 ft Dec. 21.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

315.0 ft	18.73 ft³
320.0 ft	30.06 ft³
325.0 ft	43.12 ft³
330.0 ft	58.37 ft³
336.0 ft	78.84 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	327.10	325.34	322.46	322.22	324.79	328.50	328.25	327.42	327.39	326.71	327.33	328.14
2	327.02	325.17	322.40	322.21	325.70	328.39	328.22	327.47	327.31	326.77	327.42	328.13
3	326.94	325.46	322.32	322.40	326.27	328.34	328.18	327.47	327.32	326.80	327.39	328.15
4	326.83	325.92	322.17	322.82	326.53	328.36	328.15	327.37	327.31	326.71	327.31	328.03
5	326.71	325.76	322.21	323.23	327.16	328.40	328.12	327.32	327.38	326.76	327.34	327.96
6	326.57	325.55	322.16	323.51	328.25	328.37	328.07	327.37	327.37	326.62	327.41	327.88
7	326.44	325.37	322.03	323.45	328.99	328.39	328.00	327.35	327.36	326.55	327.48	327.76
8	326.28	325.22	321.94	323.32	329.35	328.38	328.05	327.36	327.30	326.63	327.55	327.68
9	326.18	325.02	321.89	323.18	329.63	328.51	327.96	327.36	327.22	326.66	327.64	327.65
10	326.11	325.22	321.79	323.13	329.73	328.42	327.87	327.43	327.32	326.69	327.58	327.61
11	326.02	325.48	321.65	323.23	329.70	328.49	327.88	327.25	327.26	326.72	327.48	327.66
12	325.92	325.30	321.51	323.26	329.64	328.55	327.93	327.22	327.12	326.76	327.56	327.67
13	325.78	325.09	321.39	323.37	329.53	328.62	327.79	327.19	327.13	326.62	327.60	327.64
14	325.67	324.90	321.25	323.42	329.29	328.67	327.73	327.26	327.11	326.58	327.64	327.50
15	325.50	324.72	321.11	323.44	329.16	328.70	327.75	327.25	327.00	326.62	327.71	327.38
16	325.45	324.60	321.06	323.48	329.14	328.58	327.78	327.28	326.90	326.71	327.67	327.38
17	325.53	324.47	320.92	323.61	329.08	328.55	327.80	327.30	326.93	326.75	327.57	327.38
18	325.65	324.38	320.80	323.67	329.01	328.46	327.76	327.14	326.95	327.76	327.49	327.36
19	325.68	324.26	320.73	323.74	328.92	328.42	327.73	327.04	326.97	326.76	327.59	327.35
20	325.54	324.09	320.74	323.83	328.82	328.40	327.74	327.10	326.98	326.86	327.67	327.29
21	325.49	323.90	320.80	323.63	328.69	328.46	327.65	327.15	326.93	326.71	327.74	327.14
22	325.38	323.75	321.19	323.63	328.55	328.46	327.66	327.23	326.75	326.80	327.78	327.07
23	325.37	323.55	321.63	323.67	328.60	328.41	327.65	327.29	326.64	326.80	327.82	327.04
24	325.40	323.40	321.86	323.74	328.55	328.35	327.70	327.32	326.73	326.86	327.67	327.04
25	325.45	323.34	321.94	323.94	328.53	328.34	327.67	327.16	326.73	326.84	327.63	327.04
26	325.41	323.15	321.81	323.87	328.55	328.32	327.64	327.07	326.74	326.87	327.87	327.07
27	325.28	322.94	321.66	323.91	328.51	328.32	327.52	327.12	326.73	326.87	328.01	327.03
28	325.26	322.86	321.61	323.99	328.51	328.39	327.46	327.23	326.75	326.96	328.06	326.88
29	325.21	322.74	321.77	323.97	---	328.42	327.46	327.31	326.81	327.13	328.18	326.78
30	325.25	322.58	322.00	324.04	---	328.32	327.43	327.40	326.70	327.15	328.27	326.74
31	325.32	---	322.15	324.29	---	328.27	---	327.47	---	327.16	328.19	---
MAX	327.10	325.92	322.46	324.29	329.73	328.70	328.25	327.47	327.39	327.76	328.27	328.15
MIN	325.21	322.58	320.73	322.21	324.79	328.27	327.43	327.04	326.64	326.55	327.31	326.74
(+)	44.10	36.80	35.68	41.27	53.83	53.10	50.53	50.66	48.31	49.71	52.85	48.43
(*)	-2,184	-2,816	-418	2,087	5,192	-273	-992	49	-907	523	1,172	-1,705

CAL YR 1984 (*) -872 MAX 333.06 MIN 320.73
WTR YR 1985 (*) 48 MAX 329.73 MIN 320.73

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

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45", long 82°10'55", Edgefield County, Hydrologic Unit 03060107, on left bank at bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 mi^2.

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to September 1978, November 1983 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Water-stage recorder. Datum of gage is 197.34 ft above National Geodetic Vertical Datum of 1929 (levels by Southeastern Power Administration). October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

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

AVERAGE DISCHARGE.--40 years (1930-31, 1940-78, 1985), 412 ft^3/s 10.27 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft^3/s, Aug. 14, 1940, gage height, 41.08 ft, Aug. 14, 1940; no flow many days Sept., Oct., Nov. 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 6,000 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 2	2015	8,720	22.38	Feb. 6	1530	*12,400	*26.31

Minimum daily, 5 ft^3/s Sept. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	29	67	44	1200	233	117	64	46	51	245	168
2	21	25	58	46	6430	231	119	67	41	33	112	102
3	25	23	56	276	4530	230	119	278	39	20	70	76
4	31	22	63	1060	1060	227	120	589	31	14	57	54
5	25	22	91	907	2780	224	122	226	27	20	44	44
6	22	21	252	344	11400	221	128	139	28	19	33	43
7	19	19	233	193	5720	215	138	104	30	21	28	37
8	18	21	132	141	1470	201	145	87	19	27	28	34
9	19	21	86	115	679	192	135	77	10	20	25	40
10	17	21	69	96	490	187	119	70	18	15	19	24
11	18	28	59	85	386	184	107	82	34	13	19	17
12	13	36	53	78	622	183	103	83	25	12	20	13
13	11	58	53	72	717	176	102	77	27	23	18	13
14	14	35	48	69	447	172	101	69	27	28	14	10
15	15	25	47	66	343	168	105	63	24	331	15	8.8
16	15	23	46	68	296	163	115	57	24	137	13	9.1
17	14	23	46	82	267	157	135	50	33	174	7.1	14
18	14	23	44	142	247	150	122	44	33	121	8.2	14
19	16	26	40	181	235	146	105	41	39	69	11	5.3
20	11	24	44	142	325	142	96	38	31	40	28	5.0
21	16	23	45	107	633	141	90	32	22	28	20	5.2
22	16	23	45	89	424	136	85	34	19	27	15	5.4
23	18	26	47	80	330	210	78	38	17	76	13	5.6
24	14	25	45	81	292	196	80	34	18	33	11	5.6
25	12	24	45	84	269	154	100	33	19	29	22	5.9
26	19	25	43	82	260	118	150	31	13	34	694	5.8
27	18	27	43	79	260	110	119	33	9.2	33	189	5.6
28	17	32	41	79	248	108	93	30	13	72	85	5.6
29	22	43	42	77	---	110	82	32	14	129	58	5.6
30	33	57	43	87	---	111	71	33	178	407	84	5.6
31	33	---	45	332	---	115	---	39	---	601	197	---
TOTAL	576	830	2071	5384	42360	5311	3301	2674	908.2	2657	2202.3	787.1
MEAN	18.6	27.7	66.8	174	1513	171	110	86.3	30.3	85.7	71.0	26.2
MAX	33	58	252	1060	11400	233	150	589	178	601	694	168
MIN	11	19	40	44	235	108	71	30	9.2	12	7.1	5.0

CAL YR 1984	TOTAL	175918	MEAN	481	MAX	9290	MIN	11
WTR YR 1985	TOTAL	69061.6	MEAN	189	MAX	11400	MIN	5.0

02196250 HORN CREEK NEAR COLLIERS, SC

LOCATION.--Lat 33°42'55", long 81°56'23", Edgefield County, Hydrologic Unit 03060107, on County Road 76 bridge 5.1 mi south of Edgefield and 3.5 mi northeast of Ropers Crossroads.

DRAINAGE AREA.--13.9 mi^2.

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

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

REMARKS.--Estimated daily discharges: Feb. 13 to Feb. 18. Records poor.

AVERAGE DISCHARGE.--5 years, 12.4 ft^3/s, 12.1 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height 13.37 ft Apr. 8, 1983; minimum daily discharge, 0.77 ft^3/s Oct. 1, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 503 ft^3/s, gage height 7.80 ft Feb. 5; minimum daily discharge, 3.0 ft^3/s, May 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	4.6	5.1	4.3	27	7.2	7.8	5.0	3.8	11	9.6	19
2	4.3	4.7	5.1	4.5	199	7.1	7.6	5.3	3.8	12	9.7	15
3	4.2	4.7	5.3	9.8	20	6.9	7.4	8.2	5.7	8.7	7.8	13
4	4.2	4.7	5.3	9.8	11	6.9	7.4	6.6	4.3	7.5	6.7	11
5	4.3	4.7	9.0	9.1	183	7.0	7.4	6.0	3.8	7.9	6.2	9.9
6	4.4	4.8	5.8	5.1	184	7.1	11	5.5	3.7	7.2	6.9	9.2
7	4.3	4.8	5.5	4.7	43	7.1	8.4	5.2	4.3	6.5	6.5	8.7
8	4.3	4.8	5.5	4.6	29	7.3	7.8	5.2	7.4	5.9	7.3	8.3
9	4.3	4.9	5.5	4.5	25	7.5	7.4	5.4	5.7	5.3	7.3	7.7
10	4.3	4.8	5.4	4.4	22	7.2	7.4	5.7	4.9	4.8	7.2	7.5
11	4.3	4.8	5.4	4.4	20	7.3	7.4	5.7	5.0	4.4	5.8	7.4
12	4.3	4.9	6.5	4.3	24	7.4	7.4	5.3	6.0	5.1	5.6	7.3
13	4.3	5.0	5.5	4.2	27	7.5	7.1	5.0	4.9	5.7	5.6	7.4
14	4.3	4.9	5.4	4.1	20	7.6	7.1	4.9	4.4	8.1	5.0	7.3
15	4.2	4.9	5.4	4.0	16	8.2	7.2	4.6	4.4	12	4.8	7.3
16	4.3	4.9	5.4	4.0	13	7.9	7.2	4.2	8.9	8.1	5.2	7.4
17	4.3	5.1	5.4	4.9	12	8.8	7.0	4.1	6.8	9.2	5.2	7.4
18	4.2	5.0	5.5	4.2	10	8.0	6.5	3.8	8.5	6.7	5.8	7.4
19	4.3	4.9	5.4	4.0	7.7	8.0	6.4	3.6	9.5	5.6	5.7	7.4
20	4.3	5.0	5.4	4.0	31	8.0	6.2	3.6	6.1	4.4	4.9	7.4
21	4.3	5.2	5.3	5.0	17	9.4	6.1	3.6	4.5	3.8	4.5	7.5
22	4.3	4.8	5.2	3.9	13	11	5.9	3.8	4.5	3.5	4.3	7.9
23	4.4	4.8	5.2	3.9	11	8.9	5.5	4.4	6.3	5.0	4.2	7.8
24	4.4	4.7	5.1	3.7	8.7	8.4	9.5	3.8	5.7	5.2	46	8.1
25	4.4	4.8	4.9	3.7	7.7	8.2	8.2	3.7	5.2	7.6	70	8.3
26	4.5	4.8	4.9	3.6	6.7	8.3	6.8	3.6	5.0	8.2	17	7.9
27	4.5	4.6	4.8	3.6	6.9	8.3	6.2	3.5	5.8	10	11	7.9
28	4.4	5.0	4.6	3.6	7.3	8.3	5.8	3.0	5.2	17	9.6	7.6
29	4.4	5.1	4.6	3.5	---	8.2	5.4	4.7	9.0	17	57	7.8
30	4.6	5.2	4.5	3.5	---	7.8	5.2	6.1	21	12	34	8.1
31	4.6	---	4.4	6.9	---	7.7	---	4.5	---	11	29	---
TOTAL	134.7	145.9	166.3	147.8	1002.0	244.5	213.7	147.6	184.1	246.4	415.4	261.9
MEAN	4.35	4.86	5.36	4.77	35.8	7.89	7.12	4.76	6.14	7.95	13.4	8.73
MAX	4.6	5.2	9.0	9.8	199	11	11	8.2	21	17	70	19
MIN	4.2	4.6	4.4	3.5	6.7	6.9	5.2	3.0	3.7	3.5	4.2	7.3

CAL YR 1984	TOTAL	5560.1	MEAN	15.2	MAX	199	MIN	1.5
WTR YR 1985	TOTAL	3310.3	MEAN	9.07	MAX	199	MIN	3.0

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25", long 81°56'35", Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.--7,508 mi^2, including that of Butler Creek.

WATER-DISCHARGE RECORDS

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).

GAGE.--Water-stage recorder. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording gage at Fifth Street Bridge at datum 102.06 ft NGVD (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft NGVD (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see Sta 02194500) and by other powerplants above station.

AVERAGE DISCHARGE.--78 years (water years 1884-91, 1897-1906, 1926-85), 10,163 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 350,000 ft^3/s Oct. 3, 1929; maximum gage height, 46.3 ft Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 ft^3/s Sept. 24, 1939, from rating curve extended below 1,400 ft^3/s; minimum daily, 1,040 ft^3/s Oct. 2, 1927.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known occurred in 1796, discharge 360,000 ft^3/s, gage height, 40 ft, marked by local residents (at site and datum of Fifth Street gage), by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 25,700 ft^3/s Feb. 7, gage height, 17.89 ft; minimum daily, 4,750 ft^3/s June 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6620	7000	5860	5420	5950	9450	5800	5710	4750	5420	5990	6190
2	6910	5980	6130	5460	12600	6560	5800	5790	4800	5520	5950	6030
3	6850	5610	6180	7060	16300	6110	6450	6370	5060	5490	5840	5940
4	6660	5520	6150	7230	13700	6980	6620	6150	5150	5360	5600	5830
5	6290	5500	6510	7800	11600	9510	6620	6490	5100	5380	5500	5800
6	5820	5920	6980	6050	19200	9880	7380	5930	5270	5850	5460	5940
7	5620	6810	6960	5740	23700	9950	6280	5650	5250	5670	5430	5900
8	6110	6100	7440	5700	17600	10000	5860	5500	5030	5310	5480	5800
9	6570	5800	6090	5760	10100	9300	5820	5370	5110	5170	5580	5720
10	6550	5630	5790	5870	7320	6580	6270	5190	5060	5200	5690	5670
11	6790	5790	5290	5940	10400	6110	6790	5280	5010	5320	5650	6240
12	5670	5950	5350	5850	15000	6370	6570	5360	5020	5590	5560	6090
13	5570	5290	5530	5810	15600	6060	6290	5320	5200	5650	5800	5720
14	5290	5770	5370	5710	16000	6760	5900	5980	5310	5820	5660	5410
15	5770	7860	5260	5680	15300	6850	5810	6520	5410	5970	5550	5160
16	7070	6540	5360	5600	12900	6590	5890	5980	5510	6050	5510	5110
17	6730	5580	5470	5660	9040	6220	6200	5600	5340	6000	5460	5170
18	6790	5440	5710	5630	8950	6020	6180	5400	5280	5880	5460	5210
19	6510	5710	5760	5420	11400	6140	7980	5210	5240	6070	5480	5270
20	5290	5870	5670	5300	12800	7030	6340	5140	5330	6400	5450	5410
21	5180	5800	5900	9660	13300	7220	5540	5110	5380	5630	5470	5200
22	5650	5550	5600	10800	13500	7220	5490	5120	5620	5470	5470	5180
23	7670	6110	5460	7370	10700	6380	6830	5290	5720	5660	5560	5290
24	6140	6440	5380	6100	7390	5740	6450	5210	5730	5620	5410	5460
25	6620	6390	5480	5690	8240	5670	5480	5120	5500	5570	5620	5570
26	6180	6000	5450	5570	9220	6080	5350	5060	5470	5820	5860	5550
27	5450	5790	5470	5520	9090	6530	5480	5100	5350	6060	5810	5410
28	5920	6090	5420	5750	9290	6290	5470	5190	5170	5900	6180	5320
29	6140	6260	5520	6810	---	6530	5430	5270	5150	6090	5860	5290
30	5940	6320	5460	6170	---	6520	5610	5520	5390	6140	6380	5370
31	7040	---	5450	5690	---	5900	---	5050	---	6070	6300	---
TOTAL	193410	180420	179450	193820	346190	218550	183980	170980	157710	177150	176020	167250
MEAN	6239	6014	5789	6252	12360	7050	6133	5515	5257	5715	5678	5575
MAX	7670	7860	7440	10800	23700	10000	7980	6520	5730	6400	6380	6240
MIN	5180	5290	5260	5300	5950	5670	5350	5050	4750	5170	5410	5110

CAL YR 1984	TOTAL	4108080	MEAN	11220	MAX	33200	MIN	5180
WTR YR 1985	TOTAL	2344930	MEAN	6424	MAX	23700	MIN	4750

PERIOD OF RECORD.--October 1949 to September 1950, February 1968 to September 1972, July 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1973 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.5°C Aug. 14-17, 1981; minimum, 4.5°C Feb. 19, 20, 1979.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 23.5°C July 16-18 and Sept. 9-11; minimum, 5.5°C Jan. 21, and Feb. 13.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985-Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.5	18.0	19.0	20.5	19.5	20.0	22.5	22.0	22.0	21.5	21.0	21.0
2	20.5	19.5	20.0	20.5	20.0	20.5	23.0	22.0	22.5	22.5	21.5	22.0
3	20.5	20.5	20.5	21.0	20.5	21.0	22.5	21.0	21.5	23.0	22.0	22.5
4	21.5	20.5	21.0	21.0	20.5	21.0	21.0	20.5	21.0	23.0	22.0	22.5
5	21.5	21.0	21.5	21.5	20.5	21.0	21.5	20.5	21.0	23.0	22.0	22.5
6	21.5	21.0	21.5	21.0	19.5	20.5	21.5	21.0	21.0	22.5	22.0	22.5
7	21.5	20.5	21.0	20.5	19.5	20.0	22.0	21.5	21.5	23.0	22.0	22.5
8	21.0	20.5	21.0	21.0	20.0	20.5	22.0	21.5	21.5	23.0	22.5	23.0
9	21.5	21.0	21.0	22.0	21.0	21.5	21.5	21.0	21.0	23.5	22.5	23.0
10	21.0	20.5	21.0	22.5	22.0	22.5	21.5	21.5	21.5	23.5	23.0	23.5
11	21.5	21.0	21.5	22.5	21.5	22.0	22.5	21.5	22.0	23.5	22.5	23.0
12	21.5	21.0	21.0	21.5	21.5	21.5	23.0	22.0	22.5	23.0	21.5	22.0
13	21.0	19.5	20.5	22.0	21.0	21.5	23.0	22.0	22.5	22.5	21.5	22.0
14	20.0	19.0	19.5	22.0	21.5	21.5	23.0	22.0	22.5	21.5	19.5	20.5
15	19.5	19.0	19.5	22.5	21.5	22.0	23.0	22.5	22.5	19.5	19.0	19.0
16	19.5	19.0	19.0	23.5	22.5	23.0	23.0	22.5	22.5	19.5	19.0	19.0
17	19.5	19.0	19.0	23.5	22.5	23.0	23.0	22.5	22.5	19.5	19.0	19.5
18	20.5	19.5	20.0	23.5	22.0	22.5	22.5	22.5	22.5	20.0	19.5	20.0
19	21.0	20.5	21.0	22.5	22.0	22.0	22.5	22.0	22.5	20.5	20.0	20.5
20	20.5	20.0	20.5	22.5	21.0	22.0	22.5	22.0	22.5	21.0	20.5	20.5
21	20.0	19.0	19.5	22.5	21.0	21.5	23.0	22.5	23.0	21.0	21.0	21.0
22	20.0	19.5	19.5	22.5	22.0	22.5	23.0	22.5	23.0	21.5	21.0	21.0
23	20.0	19.5	19.5	23.0	22.0	22.5	23.0	22.5	22.5	21.5	21.0	21.0
24	19.5	19.0	19.0	22.5	21.5	22.0	22.5	22.0	22.0	21.5	21.0	21.0
25	20.5	19.5	20.0	22.0	21.0	21.0	22.0	22.0	22.0	21.5	21.0	21.5
26	21.5	20.0	21.0	21.0	20.5	20.5	22.5	21.5	22.0	21.5	21.0	21.0
27	21.0	20.5	21.0	21.5	20.5	21.0	22.5	22.0	22.5	21.5	21.0	21.5
28	21.0	20.5	21.0	21.5	20.5	21.0	22.5	22.0	22.5	21.0	20.5	21.0
29	20.5	20.0	20.5	21.5	20.5	21.0	22.5	21.0	21.5	20.0	19.5	20.0
30	20.0	20.0	20.0	21.5	20.5	21.0	21.0	20.5	21.0	20.5	19.5	20.0
31	---	---	---	22.0	21.5	21.5	21.0	20.0	20.5	---	---	---
MONTH	21.5	18.0	20.5	23.5	19.5	21.5	23.0	20.0	22.0	23.5	19.0	21.5
YEAR	23.5	5.5	16.5									

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC
(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 33°23'05", long 81°37'00", Aiken County, Hydrologic Unit 03060106, at downstream side of bridge on U.S. Highway 278, 0.4 mi upstream from Johnson Fork Creek, and 4.6 mi southeast of New Ellenton.

DRAINAGE AREA.--87.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, July 13-31, which are poor.

AVERAGE DISCHARGE.--19 years, 107 ft³/s, 16.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 472 ft³/s, June 13, 1983, gage height, 8.13 ft (Revised); minimum, 49 ft³/s, July 22, Aug. 19, 22, 23, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 250 ft³/s, and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Jan. 3	1500	284	7.00	Feb. 6	0400	*400	*7.75
Feb. 2	1300	266	6.87				

Minimum discharge, 57 ft³/s, Sept. 22, 23, gage height, 4.90 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159	93	99	99	115	109	103	99	78	104	92	96
2	100	93	98	99	233	108	102	101	76	86	110	89
3	90	91	125	226	150	104	102	113	82	78	90	84
4	87	96	107	192	117	102	102	106	74	77	79	85
5	85	95	137	134	207	103	102	99	73	110	77	78
6	86	91	139	115	334	102	130	96	70	126	76	76
7	88	89	113	109	187	100	112	95	72	83	78	73
8	100	90	109	105	143	100	106	97	116	75	141	72
9	87	91	107	102	126	101	104	100	83	71	126	74
10	83	92	105	100	119	100	105	99	74	74	101	71
11	85	99	105	100	116	101	105	96	74	90	86	70
12	84	97	104	99	135	102	105	93	89	76	81	70
13	83	93	103	98	118	101	105	90	74	72	79	69
14	83	92	101	97	111	101	108	89	71	74	75	68
15	83	92	100	96	109	100	108	86	75	75	73	66
16	84	93	100	95	106	104	110	86	138	80	73	79
17	86	93	101	107	105	117	107	85	96	108	73	77
18	86	93	101	106	104	106	105	82	79	82	80	80
19	88	94	100	99	104	102	103	84	80	76	78	71
20	87	97	99	96	124	104	105	82	80	72	72	65
21	87	94	100	92	113	115	102	82	72	70	73	75
22	87	94	102	94	107	136	102	86	71	69	74	65
23	90	94	101	95	106	116	102	100	69	82	74	71
24	88	95	100	101	105	110	103	87	68	90	77	69
25	87	95	100	98	106	106	109	86	86	120	92	68
26	87	95	99	94	111	105	103	81	73	115	109	65
27	88	95	98	93	143	104	101	78	71	100	99	64
28	91	111	98	96	117	103	102	77	69	90	85	74
29	104	110	99	95	---	102	102	81	73	98	96	83
30	96	101	99	93	---	101	100	88	171	103	127	68
31	94	---	99	109	---	102	---	84	---	96	106	---
TOTAL	2813	2848	3248	3334	3771	3267	3155	2808	2477	2722	2752	2215
MEAN	90.7	94.9	105	108	135	105	105	90.6	82.6	87.8	88.8	73.8
MAX	159	111	139	226	334	136	130	113	171	126	141	96
MIN	83	89	98	92	104	100	100	77	68	69	72	64

CAL YR 1984	TOTAL	39538	MEAN	108	MAX	386	MIN	70
WTR YR 1985	TOTAL	35410	MEAN	97.0	MAX	334	MIN	64

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1966 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
NOV												
16...	1230	92	14	5.1	15.0	1.1	762	9.2	91	180	450	2
FEB												
27...	1510	141	15	4.6	17.0	2.5	763	8.4	87	K8	450	4
MAY												
17...	2000	81	13	5.9	19.0	1.1	748	7.8	86	100	210	2
AUG												
29...	1630	92	13	5.6	21.0	1.5	763	8.1	91	300	940	3

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
16...	0	.52	.26	1.4	54	.4	.20	2.0	.9	2.8	<.10	7.1
FEB												
27...	0	.68	.44	1.6	47	.4	.30	3.0	2.0	2.5	<.10	6.3
MAY												
17...	0	.66	.20	1.2	46	.3	.50	3.0	.8	2.3	<.10	6.3
AUG												
29...	0	.60	.32	2.9	67	.8	.20	3.0	7.3	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, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
16...	18	15	.02	4.5	.19	.130	.17	.70	<.010	--	<.010
FEB											
27...	16	16	.02	6.1	--	--	--	.60	<.010	--	.040
MAY											
17...	9	15	.01	2.0	.17	.030	.04	.70	<.010	--	<.010
AUG											
29...	20	22	.03	5.0	.13	.050	.06	.20	.030	.09	.040

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV 16...	<.010	--	30	<1	4	<.0	<1	<1	<3	<1	80
FEB 27...	--	--	--	--	--	--	--	--	--	--	--
MAY 17...	.010	.03	20	<1	9	.8	<1	<1	<3	<1	59
AUG 29...	<.010	--	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	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)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 16...	2	<4	5	<.1	<10	1	<1	<1	3	<6	<3
FEB 27...	--	--	--	--	--	--	--	--	--	--	--
MAY 17...	1	<4	5	<.1	<10	<1	<1	<1	3	<6	4
AUG 29...	--	--	--	--	--	--	--	--	--	--	--

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 16...	5	1.2	58	2.2	.6	5.8	<.4	5.1	<.4	1.0	<.01
FEB 27...	6	2.2	40	--	--	--	--	--	--	--	--
MAY 17...	5	1.0	35	--	--	--	--	--	--	--	--
AUG 29...	8	2.0	45	--	--	--	--	--	--	--	--

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

021973026 A-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'42", long 81°44'02", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, 100 ft southeast of the southeast corner of the Savannah River Plant Laboratory Area (Area A), 40 ft southeast of Rd 1-A.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except those above 1.3 ft^3/s which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 16, 1985, gage height, 1.63 ft; minimum daily, 0.08 ft^3/s Dec. 31, 1983, Jan. 1, 2, 23, Aug. 2-3, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, July 16, gage height, 1.63 ft; minimum daily, 0.09 ft^3/s Sept. 1, 2, 4-7, 9, 10, 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.15	.13	.26	.19	.32	.18	.21	.15	.24	.16	.14	.09
2	.15	.14	.37	.19	.50	.18	.15	.17	.18	.17	.13	.09
3	.15	.13	.27	.60	.25	.24	.15	.22	.14	.16	.13	.10
4	.15	.13	.27	.28	.24	.28	.15	.14	.12	.23	.13	.09
5	.16	.14	.48	.30	.91	.35	.15	.14	.12	.34	.12	.09
6	.15	.15	.27	.29	.42	.34	.21	.17	.12	.18	.12	.09
7	.15	.18	.28	.26	.23	.32	.15	.15	.18	.15	.12	.09
8	.19	.21	.28	.27	.18	.29	.15	.15	.18	.15	.23	.10
9	.15	.21	.27	.27	.23	.26	.19	.15	.15	.16	.12	.09
10	.15	.23	.27	.28	.30	.29	.24	.14	.15	.18	.12	.09
11	.15	.18	.19	.28	.45	.25	.22	.12	.16	.18	.12	.11
12	.15	.15	.16	.43	.44	.20	.19	.14	.15	.18	.13	.10
13	.15	.15	.16	.43	.58	.21	.19	.15	.15	.17	.13	.09
14	.15	.17	.16	.35	.41	.20	.19	.15	.18	.17	.12	.10
15	.15	.15	.15	.39	.40	.25	.17	.15	.23	.16	.13	.12
16	.15	.14	.16	.33	.42	.36	.16	.15	.23	.42	.12	.13
17	.15	.15	.13	.37	.38	.27	.16	.15	.16	.17	.14	.15
18	.15	.15	.15	.29	.25	.23	.16	.13	.16	.15	.12	.14
19	.15	.15	.19	.30	.23	.23	.17	.14	.16	.16	.12	.15
20	.14	.15	.19	.36	.38	.21	.17	.17	.15	.16	.12	.15
21	.15	.33	.18	.74	.23	.38	.17	.15	.17	.17	.14	.15
22	.14	.37	.17	.66	.23	.24	.17	.23	.17	.28	.12	.16
23	.17	.28	.14	.12	.23	.21	.15	.18	.18	.16	.12	.16
24	.21	.28	.17	.30	.22	.19	.15	.15	.18	.23	.12	.15
25	.24	.29	.15	.49	.18	.19	.17	.14	.23	.28	.14	.14
26	.22	.28	.15	.37	.24	.20	.17	.15	.19	.23	.15	.14
27	.22	.28	.15	.21	.28	.17	.18	.15	.20	.15	.12	.15
28	.22	.37	.15	.32	.18	.16	.17	.16	.21	.15	.11	.15
29	.14	.26	.15	.24	---	.15	.16	.16	.34	.14	.16	.15
30	.15	.25	.23	.22	---	.16	.15	.15	.20	.17	.11	.15
31	.13	---	.22	.30	---	.20	---	.18	---	.19	.10	---
TOTAL	5.03	6.18	6.52	10.43	9.31	7.39	5.17	4.83	5.38	5.95	4.00	3.66
MEAN	.16	.21	.21	.34	.33	.24	.17	.16	.18	.19	.13	.12
MAX	.24	.37	.48	.74	.91	.38	.24	.23	.34	.42	.23	.16
MIN	.13	.13	.13	.12	.18	.15	.15	.12	.12	.14	.10	.09

CAL YR 1984	TOTAL	61.97	MEAN	.17	MAX	.48	MIN .08
WTR YR 1985	TOTAL	73.85	MEAN	.20	MAX	.91	MIN .09

021973028 A-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'10", long 81°43'53", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Road 1-A.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those above 3.3 ft^3/s which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined, May 3, 1984, gage height 1.98 ft; minimum daily, less than 0.01 ft^3/s Mar. 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, July 16, gage height, 1.89 ft; minimum daily, less than 0.01 ft^3/s Mar. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.07	.04	.02	.04	.35	.01	.01	.48	.03	.09	.15	.05
2	.07	.03	.09	.08	.65	.01	.87	.08	.05	.08	.10	.05
3	.06	.04	.03	.82	.08	.01	.92	.19	.05	.08	.09	.04
4	.05	.02	.02	.17	.03	.01	.03	.05	.05	.02	.08	.04
5	.05	.01	.32	.05	1.9	<.01	.05	.04	.05	.27	.08	.04
6	.05	.01	.04	.05	.34	.01	.20	.04	.05	.13	.09	.05
7	.05	.02	.03	.04	.05	.01	.02	.04	.15	.09	.08	.04
8	.05	.02	.03	.04	.04	.01	.03	.04	.13	.63	.46	.09
9	.05	.03	.04	.04	.02	.01	.02	.04	.05	.08	.08	.04
10	.05	.02	.03	.04	.01	.02	.01	.04	.05	.08	.07	.03
11	.05	.06	.03	.04	.05	.02	.01	.04	.07	.09	.05	.05
12	.05	.03	.03	.04	.03	.01	.02	.04	.04	.12	.05	.05
13	.05	.03	.03	.04	.02	.01	.02	.04	.04	.09	.06	.05
14	.05	.02	.02	.04	.02	.01	.03	.04	.04	.09	.05	.05
15	.05	.02	.02	.04	.02	.01	.04	.04	.11	.08	.05	.05
16	.05	.01	.02	.04	.01	.06	.04	.04	.22	.37	.05	.05
17	.05	.01	.03	.07	.01	.01	.03	.04	.05	.10	.13	.05
18	.05	.01	.03	.04	.01	.01	.03	.04	.07	.08	.05	.13
19	.05	.02	.02	.04	.01	.01	.03	.04	.05	.08	.05	.04
20	.05	.03	.02	.04	.11	.01	.03	.06	.04	.08	.05	.57
21	.05	.02	.05	.04	.06	.15	.03	.04	.04	.09	.72	.04
22	.05	.02	.19	.04	.03	.04	.03	.09	.04	.19	.06	.04
23	.05	.02	.03	.05	.01	.01	.03	.05	.04	.12	.05	.04
24	.05	.03	.03	.05	.01	.03	.03	.04	.04	.80	.05	.10
25	.05	.03	.03	.05	.71	.02	.03	.04	.04	.70	.15	.03
26	.05	.03	.06	.10	.05	.01	.04	.04	.62	.18	.11	.05
27	.05	.02	.04	.07	.09	.01	.03	.04	.05	.08	.05	.03
28	.08	.11	.04	.05	.01	.02	.03	.04	.05	.10	.05	.05
29	.05	.02	.04	.04	---	.03	.03	.25	.15	.09	.14	.04
30	.05	.01	.04	.06	---	.03	.04	.04	.17	.08	.05	.05
31	.05	---	.04	.11	---	.03	---	.03	---	.08	.05	---
TOTAL	1.63	.79	1.49	2.47	4.73	.65	2.76	2.16	2.63	5.24	3.35	2.03
MEAN	.05	.03	.05	.08	.17	.02	.09	.07	.09	.17	.11	.07
MAX	.08	.11	.32	.82	1.9	.15	.92	.48	.62	.80	.72	.57
MIN	.05	.01	.02	.04	.01	<.01	.01	.03	.03	.02	.05	.03

CAL YR 1984	TOTAL	35.28	MEAN	.10	MAX	1.3	MIN	<.01
WTR YR 1985	TOTAL	29.92	MEAN	.08	MAX	1.9	MIN	<.01

02197309 TIMS BRANCH AT ROAD C AT SAVANNAH RIVER PLANT, S.C.

LOCATION.--Lat 33°17'12", long 81°41'45", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right upstream end of metal culvert, 30 ft northeast of SRP Road C and 300 ft northwest of Upper three Runs Creek.

DRAINAGE AREA.--17.5 mi^2.

PERIOD OF RECORD.--March 1974 to November 1982, May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Jul. 31 to Aug. 1 and Aug. 16 to Sept. 3, which are poor. Flow regulated by Savannah River Plant operations 5 mi upstream.

AVERAGE DISCHARGE.-- 9 years, 5.63 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61 ft^3/s May 29, 1976, gage height, 6.17 ft; minimum daily, 1.0 ft^3/s September 27, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 41 ft^3/s, Feb. 6, gage height, 4.76 ft; minimum daily, 2.0 ft^3/s June 6, Aug. 6-7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	5.2	3.8	4.1	5.3	5.6	3.6	2.7	2.7	3.6	4.3	3.9
2	6.5	5.7	3.9	4.1	16	5.7	3.5	3.0	2.5	2.9	5.0	4.5
3	5.3	4.9	5.2	15	8.7	5.4	5.3	4.4	2.5	2.5	3.4	5.0
4	4.5	4.1	4.2	13	6.5	5.2	4.3	3.8	2.2	2.4	2.6	4.3
5	4.4	4.2	6.7	8.1	19	5.2	3.8	3.3	2.1	4.0	2.2	4.0
6	5.0	4.8	6.4	6.2	34	5.0	5.9	3.2	2.0	11	2.0	3.8
7	5.7	4.9	4.7	5.7	15	4.9	4.7	5.2	3.1	5.0	2.0	3.5
8	5.9	4.5	4.3	7.1	9.5	4.7	4.1	4.5	8.4	3.7	10	3.4
9	5.8	4.3	4.3	5.9	8.0	4.8	3.8	4.1	4.1	3.3	13	5.0
10	4.1	4.2	4.4	5.4	7.4	4.7	3.7	4.0	3.3	2.8	6.6	3.9
11	3.8	4.4	4.6	5.0	7.2	4.7	3.9	3.7	3.1	3.3	4.3	3.6
12	3.6	4.0	4.8	5.0	8.2	4.7	7.9	3.1	3.1	3.3	3.4	4.0
13	4.9	3.9	4.5	4.7	7.0	4.5	5.0	2.9	3.5	2.8	3.3	3.3
14	5.2	4.7	4.4	4.0	8.2	4.3	4.1	3.1	3.1	3.2	3.5	3.0
15	4.0	4.9	4.3	3.9	7.5	3.9	3.9	3.0	3.1	2.6	3.2	3.8
16	3.9	4.5	4.1	4.5	6.6	4.2	4.0	3.0	9.4	2.5	2.8	3.8
17	3.9	4.4	4.1	5.7	6.2	5.4	3.8	2.8	5.1	11	2.7	3.8
18	3.6	4.5	4.2	4.9	6.1	4.4	4.4	2.8	4.0	4.9	2.8	3.8
19	3.4	4.1	4.7	3.9	5.8	4.1	3.9	2.5	3.6	3.4	2.6	3.8
20	3.4	4.5	6.4	3.9	7.0	4.0	3.3	2.4	3.0	2.7	2.5	3.7
21	3.4	4.4	6.4	3.8	6.1	5.0	3.2	2.5	2.6	2.4	2.6	4.0
22	3.5	3.9	5.0	4.2	6.6	6.2	3.0	2.8	2.4	2.3	4.0	3.9
23	3.5	4.0	4.3	4.9	6.0	5.1	3.0	3.7	2.3	3.6	3.0	3.5
24	4.4	3.9	3.9	4.9	5.3	4.8	3.6	2.9	2.2	3.7	2.7	3.1
25	4.9	3.9	3.9	4.7	5.1	4.4	4.1	2.5	2.1	5.3	3.0	3.0
26	4.4	3.9	3.7	4.3	6.0	4.2	3.6	2.3	2.1	7.0	3.3	3.5
27	3.9	3.9	5.5	4.3	6.8	4.1	3.2	2.2	2.2	5.0	3.8	3.5
28	3.9	4.9	4.9	4.5	5.8	3.9	2.9	2.1	2.2	3.8	3.6	3.1
29	4.3	4.3	4.2	4.4	---	3.9	2.7	3.7	2.2	4.0	4.3	3.3
30	4.1	3.8	3.9	7.5	---	3.8	2.7	4.2	5.1	4.1	5.7	3.1
31	4.0	---	3.8	7.1	---	3.7	---	3.2	---	5.0	4.4	---
TOTAL	140.1	131.6	143.5	174.7	246.9	144.5	118.9	99.6	99.3	127.1	122.6	111.9
MEAN	4.52	4.39	4.63	5.64	8.82	4.66	3.96	3.21	3.31	4.10	3.95	3.73
MAX	8.9	5.7	6.7	15	34	6.2	7.9	5.2	9.4	11	13	5.0
MIN	3.4	3.8	3.7	3.8	5.1	3.7	2.7	2.1	2.0	2.3	2.0	3.0

WTR YR 1985 TOTAL 1660.7 MEAN 4.55 MAX 34 MIN 2.0

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'08", long 81°41'40", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right bank 100 ft upstream of SRP Road C, 2.0 mi east of SRP Road 2.

DRAINAGE AREA.--176 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--11 years, 206 ft³/s, 15.9 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 962 ft³/s Feb. 6, 1985, gage height, 6.25 ft; minimum daily, 113 ft³/s Aug. 25, 1978, August 23, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 962 ft³/s, Feb. 6, gage height, 6.25 ft; minimum daily 117 ft³/s Sept. 21, 23, 27, 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	244	179	198	184	226	215	177	148	146	220	172	173
2	240	179	195	182	415	212	175	149	137	167	196	156
3	188	182	234	348	492	204	176	171	136	148	181	147
4	175	181	234	530	302	197	175	181	134	140	148	141
5	171	185	239	431	371	195	174	161	128	160	138	136
6	171	180	296	250	870	191	221	152	126	250	135	130
7	173	175	249	215	727	188	224	150	133	233	133	127
8	177	174	212	206	406	187	189	147	211	173	182	126
9	176	176	204	198	276	187	178	149	173	152	290	126
10	170	177	200	193	249	188	176	152	146	141	260	124
11	167	187	200	191	238	184	176	154	137	136	187	125
12	168	190	198	189	269	185	179	148	147	145	152	123
13	167	181	195	186	259	183	176	144	144	153	142	122
14	167	180	194	185	234	182	177	141	134	148	137	119
15	165	181	191	184	224	182	179	139	135	143	134	118
16	166	182	191	183	217	182	183	137	217	147	130	118
17	167	182	191	192	214	220	184	136	239	207	128	123
18	168	181	191	208	210	207	175	134	171	169	132	122
19	168	186	191	195	208	188	169	132	166	143	135	123
20	167	190	192	187	231	184	165	132	158	135	129	118
21	167	187	191	178	251	194	163	133	145	130	127	117
22	169	185	191	177	222	252	159	138	139	129	160	123
23	170	185	191	184	212	230	158	191	137	148	136	117
24	170	185	187	188	207	205	158	170	134	156	131	120
25	170	186	187	193	207	195	163	148	137	211	137	122
26	168	185	185	187	214	186	159	140	140	237	164	121
27	167	187	185	181	245	184	154	135	137	219	168	117
28	172	210	184	185	248	183	152	132	134	166	150	117
29	196	235	183	187	---	182	156	146	145	180	158	124
30	193	210	184	187	---	179	151	175	204	194	206	124
31	182	---	183	203	---	177	---	156	---	178	195	---
TOTAL	5479	5583	6246	6687	8444	6028	5201	4621	4570	5258	4973	3799
MEAN	177	186	201	216	302	194	173	149	152	170	160	127
MAX	244	235	296	530	870	252	224	191	239	250	290	173
MIN	165	174	183	177	207	177	151	132	126	129	127	117

CAL YR 1984	TOTAL	85997	MEAN	235	MAX	729	MIN	153
WTR YR 1985	TOTAL	66889	MEAN	183	MAX	870	MIN	117

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20", long 81°44'42", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, near right bank on downstream side of bridge at SRP Road A, 2.0 mi south of SRP Road 2.

DRAINAGE AREA.--203 mi^2.

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 90 ft above National Geodetic vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--10 years, 257 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft^3/s May 29, 1976, gage height, 6.76 ft; minimum daily, 115 ft^3/s June 6, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 893 ft^3/s, Feb. 7, gage height, 6.09 ft; minimum daily, 115 ft^3/s June 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	271	222	250	227	271	272	202	150	144	231	198	210
2	300	222	243	226	386	260	198	150	132	177	216	190
3	241	228	273	324	503	253	196	174	130	148	214	175
4	215	225	294	503	454	242	196	194	126	135	168	164
5	206	229	288	546	366	237	194	170	118	150	148	157
6	203	225	331	386	779	232	238	156	115	255	143	146
7	204	217	336	283	832	227	266	152	122	266	141	142
8	206	214	278	266	558	225	221	147	225	194	179	141
9	212	216	259	255	379	225	202	149	190	157	299	140
10	203	219	254	247	322	225	196	153	146	139	336	137
11	198	229	252	243	305	221	194	155	132	131	240	137
12	200	237	250	241	324	221	197	149	138	136	175	136
13	199	226	246	237	331	219	195	143	142	152	157	135
14	200	223	244	235	300	215	194	138	126	150	148	130
15	198	224	241	234	284	214	196	134	124	141	142	128
16	198	225	239	231	272	214	198	131	202	140	142	127
17	201	224	238	238	266	253	204	130	261	202	136	133
18	204	223	238	259	261	255	191	127	189	184	140	133
19	203	227	238	251	257	226	184	124	168	146	147	133
20	203	235	239	237	274	217	179	123	160	131	140	128
21	203	233	238	225	308	225	174	124	144	124	133	125
22	205	231	237	220	284	279	170	130	131	122	172	131
23	207	230	237	229	264	287	167	184	127	144	153	126
24	208	231	233	234	256	248	166	184	124	151	143	128
25	208	231	232	240	255	232	170	148	123	210	146	130
26	206	231	230	235	262	219	167	137	130	257	175	131
27	204	232	228	226	286	214	160	129	126	253	191	127
28	209	249	228	229	308	211	156	124	122	193	174	123
29	234	284	228	233	---	210	157	132	130	191	169	131
30	243	272	228	232	---	207	156	186	190	222	230	137
31	229	---	227	245	---	203	---	160	---	195	244	---
TOTAL	6621	6914	7777	8217	9947	7188	5684	4587	4437	5427	5539	4211
MEAN	214	230	251	265	355	232	189	148	148	175	179	140
MAX	300	284	336	546	832	287	266	194	261	266	336	210
MIN	198	214	227	220	255	203	156	123	115	122	133	123

CAL YR 1984	TOTAL	101678	MEAN	278	MAX	815	MIN	169
WTR YR 1985	TOTAL	76549	MEAN	210	MAX	832	MIN	115

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01", long 81°46'04", Aiken County, Hydrologic Unit 03060106, on left bank 1.4 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft³/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharge: July 13, 14. Records good. At times of high flow, bankfull capacity is exceeded in the intervening channel reach.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Apr. 11, 1983, gage height, 21.57 ft; minimum daily, 3,220 ft³/s Dec. 9, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20,600 ft³/s Feb. 8, gage height, 17.21 ft; minimum daily, 4,760 ft³/s June 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6680	7220	6680	5780	5720	10500	5970	5670	4900	5570	6260	6340
2	7410	6890	6350	5680	8750	8470	5860	5690	4760	5620	6170	6160
3	7620	6280	6740	6100	14900	6730	6150	6070	4850	5600	6110	6070
4	7460	6090	6720	8140	16300	6510	6610	6570	5060	5500	5850	5960
5	6970	6010	6610	8720	14500	8650	6660	6570	5030	5450	5630	5820
6	6500	6120	7600	7660	15900	10000	7360	6550	5050	5810	5670	5790
7	6170	6800	7070	6460	19100	10300	7170	5980	5210	6020	5630	5890
8	6170	6790	8200	6180	20500	10400	6300	5630	5420	5680	5730	5770
9	6800	6350	6810	6100	18800	10400	6030	5490	5330	5390	5870	5710
10	7000	6020	6150	6050	13300	8370	6050	5400	5230	5260	5940	5760
11	7050	6030	5920	6060	9940	6760	6870	5320	5040	5290	5830	5890
12	6600	6430	5620	6030	13900	6840	6960	5380	4990	5370	5640	6310
13	5990	6130	5580	5990	15800	6510	6850	5410	5040	5450	5660	6020
14	5720	5770	5620	5860	16500	6800	6460	5560	5160	5700	5690	5540
15	5490	7400	5470	5800	16800	7220	6210	6260	5280	6040	5570	5220
16	6570	7780	5580	5730	16100	7190	5980	6220	5480	6240	5510	4920
17	7240	6570	5620	5720	13400	6910	6090	5810	5600	6210	5460	5000
18	7410	5820	5890	5800	8820	6460	6210	5500	5560	6140	5410	5120
19	6840	5940	5890	5680	11700	6260	7020	5340	5440	5960	5420	5150
20	6020	6220	5840	5520	12200	6720	7510	5240	5390	6360	5410	5220
21	5370	6260	5910	5910	13900	7440	6100	5280	5570	6050	5400	5200
22	5490	6030	5850	11900	14200	7790	5580	5230	5680	5580	5430	4990
23	6550	6150	5640	9260	13900	7520	6060	5250	5890	5720	5440	5010
24	6900	6770	5640	6890	9980	6450	6830	5280	6060	5790	5440	5110
25	6450	6780	5560	6020	8160	5940	6030	5130	5830	5730	5390	5200
26	6630	6670	5750	5770	9050	6000	5520	5050	5710	5950	5660	5260
27	5840	6310	5650	5590	9680	6500	5520	4980	5620	6190	5780	5180
28	5700	6400	5690	5610	9370	6550	5520	5050	5500	6180	5860	5030
29	6200	6690	5750	6190	---	6570	5520	5090	5400	6080	6050	4970
30	5940	6820	5650	6670	---	6690	5490	5330	5450	6260	6090	4970
31	6730	---	5550	6070	---	6360	---	5300	---	6220	6460	---
TOTAL	201510	193540	188600	200940	371170	231810	188490	172630	160530	180410	177460	164580
MEAN	6500	6451	6084	6482	13260	7478	6283	5569	5351	5820	5725	5486
MAX	7620	7780	8200	11900	20500	10500	7510	6570	6060	6360	6460	6340
MIN	5370	5770	5470	5520	5720	5940	5490	4980	4760	5260	5390	4920

WTR YR 1985 TOTAL 2431670 MEAN 6662 MAX 20500 MIN 4760

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.5°C July 21, 1981; minimum, 4.3°C Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 24.5°C, Sept. 10-12; minimum, 5.0°C, Jan. 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	20.5	21.0	21.5	21.0	21.5	23.5	23.0	23.5	22.0	21.0	21.5
2	22.0	21.0	21.5	21.5	21.5	21.5	23.5	23.0	23.5	23.0	22.0	22.0
3	23.0	21.5	22.0	22.5	21.5	22.0	23.5	22.5	23.0	23.5	22.5	23.0
4	23.0	22.5	22.5	22.5	22.0	22.0	23.0	22.0	22.5	24.0	23.0	23.5
5	23.5	22.5	23.0	22.5	21.5	22.0	22.5	21.5	22.0	24.0	23.0	23.5
6	23.5	22.5	23.5	22.5	21.5	22.0	22.5	21.5	22.0	24.0	23.5	23.5
7	23.5	22.5	23.0	22.0	21.0	21.5	23.0	22.0	22.5	24.0	23.0	23.5
8	23.0	22.0	22.5	22.0	21.0	21.5	23.0	22.0	22.5	24.0	23.0	23.5
9	23.0	22.5	23.0	23.0	21.5	22.0	23.0	22.5	22.5	24.0	23.5	24.0
10	23.5	23.0	23.5	24.0	22.5	23.0	23.0	22.0	22.5	24.5	23.5	24.0
11	23.5	22.5	23.0	24.0	23.0	23.5	23.5	22.5	23.0	24.5	23.5	24.5
12	23.0	22.5	22.5	23.0	22.5	23.0	23.5	23.0	23.5	24.5	23.5	24.0
13	22.5	22.0	22.0	23.5	22.5	23.0	24.0	23.0	23.5	23.5	22.0	22.5
14	22.0	21.0	21.0	23.5	22.5	23.0	24.0	23.0	23.5	22.0	21.0	21.5
15	21.0	20.0	20.5	23.5	22.5	23.0	24.0	23.0	23.5	21.0	20.0	20.5
16	21.0	20.0	20.5	24.0	23.0	23.5	24.0	23.0	23.5	20.0	19.0	19.5
17	21.5	20.5	21.0	24.5	23.5	24.0	24.5	23.5	24.0	20.0	19.0	19.5
18	22.0	21.5	21.5	24.5	23.5	24.0	24.0	23.5	23.5	20.5	19.5	20.0
19	22.0	21.5	21.5	24.5	23.5	24.0	24.0	23.0	23.5	21.0	20.0	20.5
20	22.5	21.0	21.5	24.0	23.0	23.5	24.0	23.5	24.0	21.5	20.5	21.0
21	22.0	21.5	22.0	24.0	22.5	23.5	24.0	23.5	24.0	21.5	21.0	21.0
22	21.5	20.5	21.0	23.5	23.0	23.5	24.0	24.0	24.0	22.0	21.0	21.5
23	21.5	20.5	21.5	24.0	23.0	23.5	24.0	23.5	23.5	22.0	21.5	22.0
24	21.5	21.0	21.5	24.0	23.0	23.5	23.5	23.0	23.5	22.0	21.5	22.0
25	22.0	21.0	21.5	23.5	22.5	23.0	23.5	22.5	23.0	22.5	21.5	22.0
26	22.5	21.5	22.0	23.0	22.0	22.5	23.0	22.5	22.5	22.5	22.0	22.0
27	22.5	22.0	22.5	23.0	21.5	22.5	23.5	22.5	23.0	22.0	21.5	21.5
28	22.5	21.5	22.0	23.0	22.0	22.5	23.5	23.0	23.0	21.5	20.5	21.0
29	22.0	21.5	22.0	22.5	21.5	22.0	23.0	22.5	23.0	21.0	20.0	20.5
30	22.0	21.5	21.5	23.0	21.5	22.5	23.0	22.0	22.0	20.5	20.0	20.5
31	---	---	---	23.5	22.0	22.5	22.0	21.5	21.5	---	---	---
MONTH	23.5	20.0	22.0	24.5	21.0	22.5	24.5	21.5	23.0	24.5	19.0	22.0
YEAR	24.5	5.0	17.0									

02197321 X-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'37", long 81°45'38", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream wingwall of culvert, 100 ft southwest of TNX-Area, 800 ft upstream from mouth, 1500 ft west of SRP Rd. A-4.7 (River Road).

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Feb. 27, 1984, gage height, 1.60 ft; minimum daily, less than 0.01 ft^3/s Nov. 20, 29, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Dec. 2, gage height, 1.39 ft; minimum daily, less than 0.01 ft^3/s Nov. 20, 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.01	.01	.02	.02	.03	.13	.14	.13	.09	.02	.04
2	.03	.01	.01	.02	.01	.02	.13	.14	.13	.11	.02	.04
3	.04	.02	.01	.04	.01	.02	.13	.13	.13	.11	.02	.04
4	.04	.01	.02	.03	.01	.04	.13	.11	.12	.11	.02	.04
5	.03	.01	.03	.02	.04	.01	.11	.11	.10	.08	.02	.04
6	.04	.01	.02	.02	.01	.11	.12	.11	.10	.08	.02	.05
7	.04	.01	.02	.02	.01	.07	.12	.11	.08	.07	.02	.05
8	.03	.01	.02	.02	.01	.06	.11	.11	.07	.07	.02	.05
9	.04	.01	.02	.02	.01	.11	.11	.12	.05	.07	.02	.05
10	.04	.01	.02	.02	.01	.11	.11	.11	.04	.05	.02	.05
11	.04	.01	.02	.02	.01	.12	.11	.11	.04	.05	.02	.05
12	.04	.01	.02	.01	.01	.14	.11	.11	.04	.06	.02	.05
13	.04	.01	.02	.01	.02	.16	.11	.11	.04	.07	.02	.04
14	.04	.01	.02	.01	.02	.07	.11	.11	.03	.06	.02	.06
15	.03	.01	.02	.01	.02	.08	.11	.11	.03	.05	.02	.06
16	.04	.01	.02	.01	.02	.09	.11	.12	.04	.05	.02	.06
17	.04	.01	.02	.01	.03	.08	.11	.11	.05	.05	.02	.07
18	.01	.01	.02	.01	.03	.08	.12	.11	.05	.05	.02	.07
19	.01	.01	.02	.01	.02	.08	.13	.14	.05	.04	.02	.07
20	.01	<.01	.02	.01	.02	.11	.15	.13	.05	.04	.02	.07
21	.01	.01	.02	.01	.02	.11	.14	.14	.05	.04	.03	.08
22	.01	.01	.02	.01	.02	.11	.13	.14	.05	.04	.03	.08
23	.01	.01	.02	.01	.02	.11	.14	.13	.07	.04	.03	.07
24	.01	.01	.02	.01	.02	.11	.14	.13	.07	.03	.03	.07
25	.01	.01	.02	.01	.02	.13	.14	.13	.07	.03	.03	.07
26	.01	.01	.02	.01	.02	.12	.13	.13	.07	.03	.03	.09
27	.01	.01	.02	.01	.03	.12	.13	.13	.08	.03	.03	.09
28	.01	.01	.02	.01	.05	.13	.13	.13	.08	.03	.03	.09
29	.01	<.01	.02	.01	---	.12	.13	.13	.09	.02	.03	.08
30	.01	.01	.02	.01	---	.13	.15	.13	.10	.02	.03	.08
31	.01	---	.02	.02	---	.13	---	.13	---	.02	.03	---
TOTAL	.77	.31	.60	.46	.54	2.91	3.73	3.80	2.10	1.69	.73	1.85
MEAN	.02	.01	.02	.01	.02	.09	.12	.12	.07	.05	.02	.06
MAX	.04	.02	.03	.04	.05	.16	.15	.14	.13	.11	.03	.09
MIN	.01	<.01	.01	.01	.01	.01	.11	.11	.03	.02	.02	.04

CAL YR 1984	TOTAL	14.40	MEAN	.04	MAX	.18	MIN	.01
WTR YR 1985	TOTAL	19.49	MEAN	.05	MAX	.16	MIN	<.01

02197323 D-006 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12", long 81°44'38", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of footbridge, 100 ft west of Area D, 1.0 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except for periods when discharge is above 9.6 ft^3/s which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, June 29, 1984, gage height, 5.06 ft; minimum daily, 0.54 ft^3/s Sept. 4, 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, June 7, gage height, 4.24 ft; minimum daily, 0.54 ft^3/s Sept. 4, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	2.7	2.8	3.3	1.6	2.6	3.3	2.7	1.5	1.6	2.7	.66
2	2.9	2.6	3.1	3.3	2.2	2.5	3.0	2.7	1.7	1.6	2.7	.58
3	2.9	2.6	2.9	4.6	1.5	2.6	3.0	2.7	1.3	1.6	2.4	.56
4	2.9	2.4	2.8	3.6	1.5	2.7	3.0	2.6	1.1	1.6	2.4	.54
5	3.0	2.4	3.2	3.2	4.8	2.7	3.0	2.6	1.2	2.1	2.3	.54
6	3.0	2.5	2.9	3.1	2.4	2.7	3.3	2.6	1.2	1.8	2.5	1.1
7	3.0	2.4	2.8	3.2	1.4	2.7	3.0	2.5	3.7	1.6	2.4	2.4
8	3.0	2.4	2.9	3.2	1.3	2.7	2.9	2.5	2.5	1.6	2.9	2.6
9	3.0	2.4	2.9	3.2	1.3	2.8	2.8	2.5	1.8	1.6	3.5	2.5
10	2.9	2.4	2.9	3.2	1.3	2.8	2.8	2.5	1.7	1.6	2.7	2.5
11	2.9	2.4	3.0	3.1	1.3	2.9	2.8	2.4	2.1	1.7	2.6	2.5
12	2.9	2.4	3.0	3.0	1.4	2.9	2.8	2.4	1.7	1.7	2.6	2.5
13	2.9	2.5	3.1	3.0	1.3	2.9	2.8	2.4	1.7	1.7	2.6	2.4
14	2.9	2.6	3.0	3.0	1.3	2.9	2.8	2.4	1.7	1.7	2.6	2.4
15	2.9	2.6	3.0	3.0	1.3	3.0	2.8	2.5	2.0	1.7	2.6	2.4
16	2.9	2.6	3.0	2.9	1.3	3.2	2.8	2.6	3.0	1.7	2.4	2.5
17	2.9	2.5	3.0	3.0	1.3	3.2	2.8	2.4	1.8	1.7	2.4	2.5
18	2.9	2.4	3.1	3.0	1.2	3.1	2.7	2.4	1.8	1.7	2.5	2.5
19	3.0	2.4	3.1	2.9	1.3	2.1	2.8	2.4	1.7	1.7	2.4	2.5
20	3.1	2.5	3.2	2.9	1.4	1.3	2.7	2.5	1.7	1.7	2.4	2.6
21	2.9	2.5	3.4	2.9	1.3	2.2	2.7	2.0	1.8	1.7	2.5	2.5
22	2.7	2.6	3.3	2.2	1.6	2.9	2.7	2.1	1.8	3.7	2.4	2.5
23	2.7	2.7	3.3	1.4	2.1	2.8	2.7	1.7	1.8	2.3	2.4	2.5
24	2.7	2.7	3.2	1.6	2.1	2.8	2.7	1.6	1.9	2.6	2.4	2.5
25	2.3	2.7	3.1	1.7	2.1	2.9	2.7	1.5	1.7	2.8	2.9	2.6
26	1.4	2.7	3.3	1.7	2.1	3.0	2.6	1.5	1.6	2.7	2.5	2.7
27	2.7	2.7	3.3	1.6	2.3	3.2	2.5	1.5	2.1	2.6	2.5	2.6
28	2.7	3.0	3.3	1.6	2.4	3.2	2.6	1.5	1.8	2.7	2.5	2.5
29	2.7	2.9	3.3	1.6	---	3.2	2.6	1.6	1.9	3.0	2.5	2.5
30	2.7	3.0	3.2	1.6	---	3.2	2.7	1.5	1.8	2.6	2.6	2.5
31	2.7	---	3.2	1.6	---	3.2	---	1.5	---	2.5	1.9	---
TOTAL	87.1	77.2	95.6	83.2	48.4	86.9	84.4	68.3	55.1	62.9	78.7	64.18
MEAN	2.81	2.57	3.08	2.68	1.73	2.80	2.81	2.20	1.84	2.03	2.54	2.14
MAX	3.1	3.0	3.4	4.6	4.8	3.2	3.3	2.7	3.7	3.7	3.5	2.7
MIN	1.4	2.4	2.8	1.4	1.2	1.3	2.5	1.5	1.1	1.6	1.9	.54

WTR YR 1985 TOTAL 891.98 MEAN 2.44 MAX 4.8 MIN .54

02197324 D-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'07", long 81°44'34", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of pipe culvert, 60 ft southwest of Area D, 1.1 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical datum of 1929, (from topographic map).

REMARKS.--No estimated daily discharges. Records Fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 29, 1984, gage height 4.41 ft; minimum daily, 0.02 ft^3/s Sept. 2, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, July 22, gage height, 3.93 ft; minimum daily, 0.02 ft^3/s Sept. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.05	.08	.09	.08	.11	.08	.13	.09	.05	.04	.10	.03
2	.05	.08	.11	.08	.13	.08	.14	.09	.08	.04	.09	.02
3	.03	.10	.08	.15	.10	.08	.13	.11	.08	.04	.09	.03
4	.03	.08	.08	.09	.10	.08	.13	.09	.08	.04	.09	.03
5	.03	.08	.11	.07	.24	.08	.14	.08	.08	.06	.09	.12
6	.04	.08	.08	.08	.13	.08	.09	.08	.08	.06	.10	.22
7	.04	.07	.08	.07	.11	.08	.12	.08	.14	.06	.10	.23
8	.04	.07	.08	.07	.10	.08	.11	.08	.05	.06	.10	.21
9	.04	.07	.08	.07	.10	.08	.11	.09	.03	.06	.11	.21
10	.05	.07	.08	.07	.10	.08	.11	.07	.03	.06	.09	.18
11	.06	.08	.08	.08	.11	.08	.11	.07	.04	.06	.08	.21
12	.07	.07	.08	.08	.10	.08	.10	.07	.03	.07	.11	.15
13	.07	.07	.08	.08	.10	.08	.10	.07	.03	.07	.12	.10
14	.07	.07	.07	.08	.10	.08	.10	.07	.03	.08	.10	.10
15	.07	.07	.07	.08	.10	.08	.10	.06	.04	.10	.16	.10
16	.07	.07	.07	.08	.10	.09	.10	.06	.05	.09	.17	.10
17	.07	.07	.07	.09	.10	.07	.10	.06	.03	.09	.18	.11
18	.07	.07	.07	.08	.10	.07	.10	.06	.03	.08	.19	.10
19	.07	.07	.07	.09	.10	.07	.11	.06	.03	.08	.18	.10
20	.06	.08	.07	.09	.10	.12	.10	.06	.03	.08	.18	.10
21	.06	.08	.08	.09	.10	.15	.10	.05	.03	.09	.18	.10
22	.06	.08	.08	.10	.10	.12	.10	.08	.03	.17	.18	.10
23	.07	.08	.08	.10	.10	.12	.10	.08	.03	.11	.18	.11
24	.07	.08	.08	.10	.09	.12	.10	.07	.03	.23	.17	.11
25	.06	.09	.07	.10	.09	.15	.10	.06	.03	.13	.20	.11
26	.05	.08	.08	.10	.10	.16	.10	.06	.03	.24	.16	.11
27	.08	.08	.08	.11	.10	.16	.10	.05	.03	.10	.15	.11
28	.09	.10	.08	.10	.08	.16	.10	.06	.04	.12	.15	.10
29	.09	.09	.08	.10	---	.14	.09	.07	.05	.12	.15	.10
30	.08	.09	.08	.10	---	.13	.09	.06	.05	.09	.15	.08
31	.08	---	.08	.10	---	.13	---	.06	---	.09	.10	---
TOTAL	1.87	2.35	2.47	2.76	2.99	3.16	3.21	2.20	1.39	2.81	4.20	3.48
MEAN	.06	.08	.08	.09	.11	.10	.11	.07	.05	.09	.14	.12
MAX	.09	.10	.11	.15	.24	.16	.14	.11	.14	.24	.20	.23
MIN	.03	.07	.07	.07	.08	.07	.09	.05	.03	.04	.08	.02

CAL YR 1984	TOTAL	28.06	MEAN	.08	MAX	.20	MIN	.03
WTR YR 1985	TOTAL	32.89	MEAN	.09	MAX	.24	MIN	.02

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'12", long 81°45'05", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D.

DRAINAGE AREA.--0.73 mi^2.

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations 1.0 mi upstream.

AVERAGE DISCHARGE.--11 years, 86.0 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 224 ft^3/s June 29, 1984, gage height, 3.38 ft; minimum daily, 27 ft^3/s June 29, 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 132 ft^3/s, June 21, gage height, 2.66 ft; minimum daily, 69 ft^3/s Sept. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	82	74	87	88	89	86	84	82	88	84	88
2	85	81	75	87	91	88	86	85	82	90	85	87
3	85	82	76	90	89	88	85	85	84	86	84	87
4	84	81	77	89	89	87	85	84	81	83	84	88
5	85	80	80	86	95	89	84	84	80	84	82	79
6	84	81	80	85	96	89	86	84	82	85	82	85
7	84	81	80	84	91	89	84	83	88	84	83	85
8	83	81	82	84	90	89	85	83	88	83	87	85
9	84	81	81	84	91	88	84	82	84	83	89	86
10	83	81	80	84	89	86	84	82	83	82	86	85
11	84	82	81	84	88	86	84	83	83	84	85	84
12	84	83	80	84	90	85	84	82	84	84	85	69
13	83	84	83	84	94	84	84	82	95	84	85	83
14	82	83	81	84	93	85	83	82	87	86	85	84
15	82	83	81	84	93	85	83	82	86	85	86	83
16	83	77	81	84	92	85	83	82	90	85	84	85
17	85	72	83	84	91	86	83	81	90	84	83	86
18	84	72	84	84	89	85	85	81	96	84	84	94
19	84	74	86	84	90	85	87	81	107	83	84	106
20	81	76	85	85	90	87	87	82	116	83	90	106
21	79	76	85	86	90	89	86	83	130	83	97	105
22	79	74	84	89	92	89	85	84	127	88	100	105
23	80	74	83	88	92	89	85	84	125	87	103	103
24	79	74	82	86	90	88	86	83	122	85	98	101
25	80	74	82	85	88	87	86	83	120	86	99	102
26	82	76	82	86	89	87	83	83	87	85	93	103
27	82	76	83	86	89	87	84	82	83	83	80	102
28	82	74	86	86	90	87	85	83	83	84	81	102
29	83	75	86	86	---	88	85	83	84	87	80	101
30	83	74	87	86	---	87	84	83	86	85	81	101
31	82	---	88	88	---	87	---	83	---	84	82	---
TOTAL	2566	2344	2538	2653	2539	2700	2541	2568	2815	2627	2691	2760
MEAN	82.8	78.1	81.9	85.6	90.7	87.1	84.7	82.8	93.8	84.7	86.8	92.0
MAX	86	84	88	90	96	89	87	85	130	90	103	106
MIN	79	72	74	84	88	84	83	81	80	82	80	69

CAL YR 1984	TOTAL	32317	MEAN	88.3	MAX	114	MIN	72
WTR YR 1985	TOTAL	31342	MEAN	85.9	MAX	130	MIN	69

021973265 (Revised) BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'57", long 81°45'55", Barnwell County, Hydrologic Unit 03060106, on left bank 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 37.5°C June 3, 1985; minimum, 5.9°C Jan 23, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 37.5°C June 3; minimum, 6.0°C Feb. 8, 9, 13, 14.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.5	24.0	25.0	27.0	25.5	26.0	22.0	20.5	21.0	27.5	20.5	23.5
2	24.0	21.0	22.0	27.0	25.0	26.0	23.0	21.0	22.0	25.0	20.5	22.5
3	22.5	20.0	21.5	27.0	23.0	25.0	23.0	22.0	22.5	26.0	22.0	24.5
4	23.5	21.0	22.0	23.0	22.0	22.5	21.5	20.0	20.5	22.0	18.5	20.0
5	24.5	22.0	23.5	23.0	22.0	22.5	20.0	18.0	19.0	18.0	17.0	17.5
6	25.0	23.5	24.0	22.0	19.5	21.0	18.5	16.5	18.0	18.0	16.5	17.5
7	25.5	24.0	25.0	19.5	17.0	17.5	16.0	15.0	15.5	19.5	17.5	18.5
8	27.0	25.0	26.0	19.0	16.5	17.5	17.5	15.0	16.0	19.0	18.0	18.5
9	27.0	25.0	26.0	20.0	17.5	19.0	19.5	16.5	18.0	18.5	17.5	18.0
10	27.0	25.0	26.0	22.0	18.5	20.5	21.0	19.0	20.0	18.0	17.5	18.0
11	27.0	25.5	26.0	22.0	20.0	21.5	21.0	13.5	18.5	19.0	17.5	18.0
12	27.0	25.0	26.0	20.0	19.0	19.5	19.5	10.5	14.5	18.5	17.0	17.5
13	26.5	24.5	25.5	19.0	17.5	18.5	23.5	14.5	20.0	17.5	16.0	17.0
14	26.5	17.5	23.0	20.5	13.0	17.0	23.5	16.0	22.0	18.0	17.5	17.5
15	28.5	16.0	21.5	20.0	17.0	18.5	33.0	12.5	17.5	17.5	16.5	17.0
16	25.0	23.0	24.0	22.0	20.0	21.0	22.0	12.5	17.0	18.0	16.0	17.0
17	26.5	24.5	25.5	21.0	19.5	20.0	31.0	16.0	20.0	19.0	18.0	18.5
18	27.5	26.0	26.5	22.5	19.0	20.5	24.5	23.0	24.0	19.0	18.0	18.5
19	26.5	25.0	26.0	24.5	22.5	24.0	25.0	23.5	24.0	19.0	18.0	18.5
20	26.5	23.0	25.5	23.5	19.5	21.5	25.5	24.0	24.5	---	---	---
21	29.0	22.0	24.0	19.5	17.5	18.0	25.5	24.0	25.0	---	---	---
22	30.0	22.0	25.5	18.0	17.5	18.0	25.0	24.0	25.0	12.0	11.0	11.5
23	28.5	27.0	28.0	19.5	17.0	18.5	24.0	22.0	23.0	13.5	12.0	13.0
24	29.0	28.0	28.5	19.5	18.0	19.0	26.5	19.0	21.5	15.0	13.0	14.0
25	29.0	27.5	28.5	19.5	17.5	18.5	28.0	17.0	22.5	17.0	14.5	16.0
26	28.0	26.0	27.0	21.5	18.0	19.5	24.5	20.0	23.0	16.5	13.5	15.0
27	26.5	24.5	25.5	23.5	21.0	22.0	27.0	19.0	21.5	---	---	---
28	29.0	25.0	27.5	23.0	20.5	22.5	32.0	17.5	21.0	---	---	---
29	29.5	28.5	29.0	20.5	18.5	19.5	26.0	17.5	23.0	---	---	---
30	30.0	28.5	29.5	20.0	18.0	19.0	27.5	23.5	25.0	---	---	---
31	29.0	27.0	28.0	---	---	---	26.5	23.0	24.0	---	---	---
MONTH	30.0	16.0	25.5	27.0	13.0	20.5	33.0	10.5	21.0	27.5	11.0	18.0

021973265 (Revised) BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	24.5	15.0	19.5	22.0	21.0	21.5	26.5	23.5	25.0	28.0	26.5	27.5
2	24.0	14.5	20.5	23.5	21.5	22.5	24.0	21.5	23.0	28.0	27.0	27.5
3	22.5	9.5	14.5	24.0	21.5	23.0	23.5	21.0	22.5	27.5	26.5	27.5
4	10.0	10.0	10.0	25.0	22.0	23.5	25.5	22.5	24.0	26.0	24.0	25.0
5	14.5	11.0	13.0	25.0	23.5	24.5	25.5	23.5	24.5	24.5	22.5	23.5
6	12.0	7.5	10.0	23.5	21.0	22.5	24.5	23.0	24.0	24.0	21.5	22.5
7	7.5	6.5	7.0	22.0	20.0	21.0	25.0	22.0	23.5	26.0	22.5	24.0
8	6.5	6.0	6.5	24.0	20.5	22.5	24.0	22.0	23.0	26.5	25.5	26.5
9	6.5	6.0	6.5	25.5	23.0	24.5	22.5	20.5	21.5	27.0	24.5	26.0
10	11.0	6.5	8.0	24.5	22.5	23.5	22.5	20.0	21.0	28.0	26.5	27.5
11	16.5	11.0	13.5	24.0	22.0	23.0	24.0	21.0	22.5	29.0	27.5	28.0
12	16.5	9.0	12.5	25.0	23.0	23.5	25.0	22.5	23.5	30.0	28.0	29.0
13	8.5	6.0	7.0	23.0	20.5	22.0	24.5	24.0	24.5	31.0	29.0	30.0
14	6.5	6.0	6.0	22.0	19.0	20.5	24.5	24.0	24.5	31.5	29.0	30.5
15	7.0	6.5	6.5	22.0	20.5	21.5	25.0	24.0	24.5	31.5	30.0	31.0
16	10.5	6.5	8.0	20.5	19.0	19.5	25.5	23.5	24.5	31.0	29.5	30.5
17	14.5	10.0	12.0	20.5	18.0	19.5	26.5	23.5	25.0	29.5	28.0	29.0
18	18.0	14.0	16.0	19.5	17.0	18.5	27.0	24.5	25.5	28.5	26.5	27.5
19	19.5	17.5	18.5	17.0	14.5	16.0	27.0	24.5	26.0	28.5	27.0	28.0
20	20.5	18.5	19.5	21.5	17.0	19.0	27.5	25.0	26.0	30.0	27.5	29.0
21	19.5	17.0	18.0	21.5	21.0	21.0	27.5	25.0	26.5	31.0	28.0	29.5
22	19.0	17.5	18.5	21.0	19.5	20.0	28.0	25.0	26.5	30.5	28.0	29.5
23	21.0	18.5	19.5	22.5	19.0	21.0	28.0	26.0	27.0	29.5	27.5	28.5
24	23.5	20.5	22.0	23.5	22.0	22.5	28.0	26.5	27.0	29.0	27.0	28.0
25	24.0	22.5	23.0	23.0	20.5	22.0	28.0	25.5	27.0	28.0	26.5	27.0
26	23.5	23.0	23.5	24.0	20.0	22.0	28.0	24.5	26.5	28.5	24.0	26.0
27	23.5	22.5	23.0	25.0	21.5	23.5	28.0	27.0	27.5	30.0	21.5	25.0
28	23.0	21.0	22.0	26.0	24.0	25.0	28.5	27.0	27.5	28.5	25.0	27.0
29	---	---	---	27.5	25.0	26.0	28.5	27.0	27.5	29.0	27.0	28.0
30	---	---	---	28.5	25.5	27.0	28.0	26.0	27.0	30.0	28.5	29.0
31	---	---	---	28.0	26.0	27.0	---	---	---	30.5	28.5	29.5
MONTH	24.5	6.0	14.5	28.5	14.5	22.0	28.5	20.0	25.0	31.5	21.5	27.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	33.5	26.0	29.5	27.0	26.0	26.5	31.5	29.0	30.0	27.5	26.5	27.5
2	35.5	23.0	27.0	29.0	26.0	27.5	30.5	29.0	30.0	29.0	27.0	28.0
3	37.5	22.5	28.0	29.5	27.0	28.0	29.5	28.0	29.0	29.0	27.0	28.0
4	34.0	29.0	31.5	29.5	27.5	28.5	29.5	27.5	28.5	29.5	27.5	28.5
5	34.5	31.0	32.0	29.0	27.5	28.0	28.5	27.5	28.0	28.5	25.5	27.0
6	34.5	30.0	32.0	28.5	27.5	28.0	29.5	27.5	28.5	26.0	24.5	25.5
7	33.0	29.5	31.5	28.5	27.0	27.5	29.5	28.0	28.5	30.5	25.0	28.0
8	31.0	28.5	29.5	30.5	27.0	28.5	28.0	27.5	28.0	31.0	29.0	30.0
9	32.5	30.0	31.0	31.0	28.5	30.0	29.0	27.0	27.5	30.5	29.0	30.0
10	33.5	31.5	32.5	32.0	29.5	30.5	30.0	28.5	29.0	29.5	28.0	28.5
11	32.5	29.5	31.0	32.0	30.5	31.0	30.5	28.0	29.0	30.0	26.5	28.5
12	30.5	27.0	29.0	32.0	29.5	30.5	30.5	28.5	29.5	26.5	25.0	25.5
13	29.0	25.0	27.0	31.5	29.5	30.5	30.5	28.5	29.5	26.5	23.5	24.5
14	30.0	27.5	28.5	32.0	30.0	31.0	30.5	29.0	29.5	25.5	24.0	25.0
15	29.5	28.0	28.5	32.0	29.0	30.5	30.5	29.0	30.0	26.0	17.5	24.5
16	30.0	28.0	29.0	31.5	29.0	30.5	31.0	29.0	30.0	24.0	12.5	17.0
17	31.5	29.5	30.5	32.0	29.0	30.5	31.0	30.0	30.5	24.0	12.5	18.5
18	31.5	30.0	30.5	32.5	31.0	31.5	31.5	29.5	31.0	27.0	22.0	24.5
19	30.5	28.5	29.5	32.0	30.0	31.5	32.5	30.0	31.0	28.0	24.0	26.0
20	29.5	27.0	28.5	33.0	30.5	31.5	32.5	31.0	31.5	29.0	26.5	27.5
21	28.5	27.0	28.0	32.5	31.0	32.0	32.5	30.5	31.5	29.0	25.5	28.0
22	27.5	25.5	26.5	33.0	29.0	31.5	32.0	30.0	30.5	25.5	21.0	23.5
23	27.5	25.5	26.5	31.0	28.5	29.5	30.5	28.5	29.5	26.0	19.5	23.0
24	27.5	25.5	26.5	31.5	30.0	31.0	30.0	29.0	29.5	28.0	27.0	27.5
25	27.5	25.5	26.5	31.0	29.0	30.0	30.0	28.0	29.0	29.0	27.0	28.0
26	27.5	25.0	26.5	30.0	28.5	29.0	29.0	27.5	28.0	28.5	26.0	27.5
27	27.0	26.0	26.5	30.0	28.5	29.5	30.0	27.0	28.5	27.5	20.0	25.0
28	27.5	25.5	26.5	29.5	27.5	28.5	29.5	29.0	29.0	23.0	15.0	18.0
29	27.5	26.0	27.0	28.5	26.5	27.5	29.5	28.0	29.0	27.0	13.0	19.0
30	27.0	25.0	26.0	29.5	28.0	28.5	28.0	27.5	28.0	28.0	16.5	20.5
31	---	---	---	29.5	27.5	28.5	28.0	27.5	27.5	---	---	---
MONTH	37.5	22.5	29.0	33.0	26.0	29.5	32.5	27.0	29.5	31.0	12.5	25.5
YEAR	37.5	6.0	24.0									

02197328 FOUR MILE CREEK NEAR JACKSON, SC

LOCATION.--Lat 33°08'52", long 81°45'01", Barnwell County, Hydrologic Unit 03060106, on left bank 7.6 mi downstream from Upper Three Runs 9.0 mi upstream from Steel Creek at mile 150.6.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 46.8°C, Aug. 22, 1983; minimum, 4.1°C, Dec. 21, 1981.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 46.0°C, Jun. 4, 5; minimum, 5.5°C, Feb. 10.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	35.0	24.5	32.0	24.5	23.0	23.5	35.0	33.0	34.0	37.0	36.0	36.5
2	23.5	19.0	21.5	36.0	25.0	32.0	35.5	32.5	34.0	37.0	36.0	36.5
3	23.0	19.0	21.0	35.5	22.5	30.0	35.0	33.0	34.0	36.5	31.0	34.0
4	23.5	18.5	21.0	22.0	19.0	20.0	33.0	31.0	32.0	30.5	27.5	29.5
5	24.0	19.5	22.0	22.0	19.0	20.0	32.0	29.5	30.0	30.5	26.0	28.0
6	24.0	20.5	22.0	21.0	17.0	18.5	30.5	27.0	29.5	32.5	29.0	30.5
7	24.5	20.5	22.5	21.5	14.0	17.5	30.0	26.5	28.0	31.5	29.5	30.5
8	26.0	22.5	24.0	32.0	21.5	27.0	31.0	28.0	29.5	32.5	29.5	31.0
9	26.0	22.5	24.0	33.5	29.5	31.5	33.0	29.5	31.0	31.5	29.5	30.5
10	25.0	22.0	23.5	35.0	31.0	32.5	33.0	27.5	32.0	31.5	30.0	31.0
11	24.5	21.5	23.0	34.5	31.5	33.0	24.5	15.0	19.0	33.0	30.5	31.5
12	23.5	20.0	22.0	33.5	30.5	31.5	33.0	25.0	29.0	30.5	28.5	29.0
13	23.5	20.0	21.5	33.0	29.5	31.5	36.0	32.0	34.0	31.0	28.0	29.5
14	23.5	19.5	21.5	33.5	30.0	31.5	36.0	33.5	34.5	30.0	29.0	29.5
15	23.5	19.5	21.5	34.5	31.0	32.5	36.0	33.0	34.5	31.0	28.0	29.5
16	25.0	20.0	22.5	35.0	33.0	34.0	36.0	33.0	34.5	31.5	28.5	30.0
17	26.0	22.5	24.0	34.0	31.0	32.5	37.0	34.5	35.5	31.5	30.5	31.0
18	27.5	24.0	25.0	35.5	31.5	33.5	37.0	34.0	35.5	30.5	29.5	30.0
19	26.0	22.0	24.0	36.5	35.0	36.0	36.0	34.5	35.5	31.0	29.0	30.0
20	25.5	22.0	23.5	35.5	31.0	33.0	37.0	34.0	35.5	30.0	24.5	28.0
21	25.5	22.5	24.0	31.0	29.5	30.0	36.5	35.0	35.5	25.5	23.0	24.5
22	32.5	23.0	26.5	30.0	28.5	29.5	35.0	34.0	34.5	25.0	11.0	15.5
23	36.5	32.5	34.0	33.0	29.5	31.0	34.5	33.0	34.0	28.5	15.0	26.0
24	39.0	34.5	36.5	33.5	30.5	32.0	36.0	33.0	34.0	30.0	28.0	28.5
25	39.0	36.0	37.5	33.5	30.0	31.5	37.5	34.5	36.0	30.0	27.5	29.0
26	37.5	24.5	28.0	35.0	30.5	33.0	36.5	32.5	34.0	30.0	26.5	28.0
27	27.0	22.5	24.5	36.5	33.5	35.0	36.0	32.5	34.0	30.5	28.0	29.0
28	36.5	27.5	34.0	35.5	31.5	33.5	37.0	33.5	35.0	31.5	30.0	31.0
29	39.5	36.0	37.5	33.0	30.0	31.5	37.0	35.5	36.0	33.0	30.0	31.0
30	38.5	28.5	35.5	33.5	30.5	32.0	37.0	35.5	36.5	32.0	30.0	31.0
31	28.0	24.5	26.0	---	---	---	37.5	35.0	36.0	35.0	31.5	33.0
MONTH	39.5	18.5	26.0	36.5	14.0	30.0	37.5	15.0	33.0	37.0	11.0	30.0

02197328 FOUR MILE CREEK NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	35.5	34.5	35.0	26.5	20.5	22.0	35.5	32.5	34.0	39.5	35.5	37.5
2	35.5	19.5	30.5	37.0	21.5	32.5	35.5	31.5	33.5	37.5	35.5	37.0
3	19.0	10.5	13.0	37.0	33.0	35.0	35.5	31.5	33.5	37.5	35.5	36.5
4	13.0	10.5	11.0	37.0	33.5	35.5	38.0	33.0	35.0	37.5	33.5	35.5
5	18.0	14.0	15.5	36.0	31.5	34.5	36.5	33.5	35.0	35.5	21.0	25.0
6	18.5	8.0	13.0	31.0	22.0	26.0	35.5	32.0	33.5	25.0	18.5	22.0
7	7.5	6.5	6.5	23.5	21.0	22.0	37.0	32.5	34.5	37.5	20.5	29.0
8	6.5	6.0	6.5	22.0	21.0	21.5	36.0	33.0	34.0	37.0	34.5	36.0
9	6.5	6.0	6.0	22.5	21.5	22.0	35.0	31.0	33.0	39.0	34.0	36.0
10	18.0	5.5	8.5	36.0	23.0	32.0	35.5	30.0	33.0	39.5	36.0	37.5
11	29.5	19.0	25.5	35.5	32.5	34.0	38.0	32.5	35.0	41.0	37.0	39.0
12	18.5	9.5	12.5	35.0	33.5	34.0	38.0	34.0	36.0	41.5	38.0	39.5
13	10.0	9.0	9.5	33.0	19.0	23.5	36.0	35.0	35.5	41.5	37.5	39.5
14	10.5	8.0	9.0	20.0	15.0	17.5	36.5	34.5	35.5	43.0	38.0	40.5
15	8.5	7.5	8.0	19.0	16.5	18.0	37.5	35.5	36.5	42.5	38.5	40.5
16	10.0	7.0	8.5	17.5	14.0	15.0	38.0	34.5	36.5	42.5	38.0	40.0
17	19.5	10.5	14.5	16.5	13.5	15.0	39.0	34.0	36.5	39.0	36.0	37.5
18	33.0	23.0	29.5	16.5	11.5	14.0	40.0	35.0	37.5	40.0	35.0	37.0
19	32.0	14.0	19.5	26.0	10.0	16.0	40.5	35.5	37.5	40.5	36.0	38.0
20	18.0	12.0	16.0	33.5	26.0	29.0	41.0	35.5	38.0	40.5	37.0	38.5
21	12.0	10.5	11.0	32.0	30.5	31.5	42.0	36.0	38.5	42.0	38.0	39.5
22	11.5	11.0	11.0	30.5	29.0	30.0	42.5	37.0	40.0	40.5	36.5	39.0
23	17.0	11.0	12.0	35.5	30.0	32.5	41.5	37.5	39.5	40.0	36.0	37.5
24	35.5	17.5	25.0	34.5	32.5	33.5	41.0	38.0	39.5	40.0	36.0	38.0
25	37.5	35.0	36.0	34.5	31.0	33.0	42.5	37.0	39.5	40.5	36.0	38.0
26	36.5	23.5	33.0	36.5	31.0	33.5	42.5	36.5	39.5	42.0	36.5	39.0
27	35.0	23.0	28.0	36.0	32.5	34.0	42.0	38.5	40.0	42.0	37.0	39.5
28	34.5	24.5	31.0	36.5	34.0	35.0	42.0	38.5	40.0	41.0	37.0	39.0
29	---	---	---	38.0	34.5	36.0	39.5	37.0	38.0	41.0	38.5	39.5
30	---	---	---	39.0	35.5	37.0	39.5	35.5	37.5	41.5	37.5	39.0
31	---	---	---	37.5	35.0	36.0	---	---	---	42.5	38.0	40.0
MONTH	37.5	5.5	17.5	39.0	10.0	28.0	42.5	30.0	36.5	43.0	18.5	37.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	43.0	39.0	41.0	28.5	24.5	26.0	31.5	28.0	29.5	29.5	25.0	26.5
2	44.5	40.5	42.0	30.0	25.5	27.5	30.0	26.5	27.5	31.0	26.0	28.0
3	44.5	39.5	42.0	31.0	26.0	28.0	29.5	24.5	26.5	32.0	26.5	28.5
4	46.0	40.5	43.0	31.0	27.0	28.5	29.0	24.0	26.0	32.0	27.5	29.5
5	46.0	40.5	43.0	30.0	27.0	28.0	28.0	25.0	26.0	32.0	28.0	29.5
6	45.5	40.5	43.0	29.5	26.5	28.0	31.0	25.5	27.5	32.5	28.0	30.0
7	44.0	38.0	41.0	30.0	26.5	28.0	30.5	26.5	28.0	33.0	28.5	30.5
8	42.0	34.5	38.5	32.5	27.0	29.0	29.0	26.0	27.0	33.5	29.0	31.0
9	44.0	39.0	41.0	33.5	28.0	30.5	28.0	25.5	26.5	33.5	28.5	30.5
10	44.0	40.5	42.0	32.5	29.0	31.0	30.5	25.5	27.5	31.5	28.5	30.0
11	43.0	38.5	41.0	32.0	29.0	30.0	32.0	27.0	29.0	31.5	27.0	29.0
12	40.0	36.5	38.5	31.5	26.5	28.5	32.0	28.0	29.5	31.5	25.5	27.5
13	41.0	36.5	38.5	32.0	27.5	29.5	32.5	27.5	29.5	28.0	23.5	25.0
14	41.5	37.0	39.0	31.5	27.5	29.5	31.5	27.5	29.5	23.5	19.0	21.0
15	39.5	38.0	38.5	32.0	26.0	28.5	31.5	27.0	29.0	23.0	19.0	20.5
16	40.5	36.5	38.5	32.5	27.5	30.0	33.0	27.5	30.0	24.5	19.5	21.5
17	43.0	38.5	40.5	31.5	27.5	29.5	32.5	29.0	30.5	25.0	20.0	22.0
18	42.0	38.5	40.0	31.5	27.0	29.0	31.0	28.0	29.5	25.5	21.0	23.0
19	40.5	38.5	39.0	31.5	27.5	29.0	33.5	27.5	30.0	26.0	21.5	23.5
20	42.5	37.0	39.5	32.0	27.0	29.5	33.0	28.5	30.5	26.5	23.0	24.5
21	40.0	31.5	36.5	32.0	28.0	29.5	32.5	29.0	30.5	26.0	23.5	24.5
22	31.5	26.5	29.0	32.0	28.0	29.5	---	---	---	28.0	22.5	24.0
23	31.0	25.5	28.5	31.0	26.5	28.0	---	---	---	27.5	21.0	24.0
24	31.5	25.0	28.5	30.5	27.0	28.5	---	---	---	26.5	24.0	25.0
25	32.5	27.5	30.0	29.0	26.5	27.5	---	---	---	28.0	23.0	25.0
26	32.0	26.0	29.5	29.0	25.5	27.0	---	---	---	27.5	23.0	25.0
27	30.5	25.5	27.0	31.5	26.5	28.5	---	---	---	27.0	23.0	25.0
28	29.0	24.0	26.5	31.0	26.5	28.0	29.0	27.0	28.0	24.0	19.0	21.0
29	28.0	25.0	26.5	28.0	25.0	26.0	28.5	26.5	27.0	24.0	19.0	20.5
30	27.5	24.5	26.0	30.0	26.0	27.5	27.5	25.0	26.0	25.0	20.0	22.0
31	---	---	---	32.0	27.0	29.0	27.0	25.5	26.5	---	---	---
MONTH	46.0	24.0	36.5	33.5	24.5	28.5	33.5	24.0	28.5	33.5	19.0	25.5
YEAR	46.0	5.5	30.0									

02197330 SITE NO. 1 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'00", long 81°39'00", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H Area.

DRAINAGE AREA.--0.13 mi^2.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except those for periods when discharge was over 20 ft^3/s May 22, June 7, 18, July 5, 16, 25, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 1.39 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft^3/s Sept. 6, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 22, gage height, 2.97 ft; minimum daily, 0.18 ft^3/s, May 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	.86	.96	2.3	1.0	1.2	.81	1.0	.54	1.4	1.1
2	1.2	.87	1.0	.80	2.8	1.2	.96	.57	1.1	.53	1.1	.82
3	.99	1.1	.86	3.0	1.1	.81	.98	1.3	.73	.63	1.2	1.2
4	1.3	.94	.86	1.7	1.4	.90	1.0	.32	.97	.26	.73	.92
5	1.2	.78	1.5	1.1	6.7	1.4	1.2	.87	1.1	.60	1.0	1.2
6	1.2	.54	.94	1.0	2.7	1.1	1.4	.45	1.0	.37	1.5	1.1
7	.86	.60	1.0	1.2	1.5	1.2	.82	.50	1.6	.32	1.5	1.3
8	1.6	.95	1.0	1.0	1.4	1.1	.87	.78	.92	.40	1.4	1.5
9	1.3	.97	.99	1.7	1.1	.79	.92	.41	.63	.68	1.9	.84
10	1.1	.98	1.1	1.1	1.4	1.0	.90	.88	.78	.94	.75	.86
11	1.5	1.3	1.2	1.4	1.9	.87	1.1	.35	1.2	.45	1.0	1.1
12	.86	1.1	1.2	1.1	1.3	.90	.94	.36	1.0	.84	1.2	1.1
13	.99	.75	1.1	1.0	1.7	.96	.77	.18	1.3	1.6	1.2	1.1
14	.92	1.0	.98	1.1	1.7	1.1	.67	.93	.56	.66	1.2	.86
15	1.3	.52	.99	1.0	1.6	1.1	.70	.58	1.1	.62	1.2	1.3
16	1.0	.69	.96	1.1	1.2	1.6	1.1	.62	1.7	1.4	1.4	1.2
17	1.3	.84	1.0	1.5	1.5	.81	1.0	.93	1.0	.70	1.0	1.3
18	.85	.76	.98	1.4	1.3	.90	1.3	.42	.94	.56	1.1	.83
19	1.1	1.0	1.5	1.2	1.3	.97	1.1	.46	.94	.54	1.2	.80
20	.83	1.1	1.1	1.1	1.0	1.3	.78	.54	.55	.60	1.1	.91
21	1.0	1.1	1.4	1.2	1.6	1.4	.74	.88	.82	.78	1.1	1.2
22	.49	.83	.93	1.1	1.6	1.0	.98	1.6	.50	.65	1.2	1.2
23	1.4	1.0	.71	1.2	1.2	1.3	.78	.66	.80	.93	1.2	1.2
24	1.1	1.3	.82	1.1	.96	.85	1.2	.74	.65	1.3	1.3	1.3
25	1.3	1.0	1.4	1.1	.95	1.3	.68	.91	.75	1.4	1.0	.92
26	1.4	.76	.77	1.3	1.4	1.2	.93	.85	1.1	1.2	1.1	1.4
27	1.2	.88	1.1	.91	1.4	.89	.50	.37	.27	.85	1.1	1.6
28	1.5	1.2	1.3	1.1	.96	1.3	.56	1.4	.23	.80	1.1	1.1
29	1.2	.95	.65	1.4	---	1.5	.50	1.8	1.1	1.3	.84	.74
30	1.3	.83	.79	1.4	---	1.2	.46	.97	.80	1.1	1.1	1.2
31	1.2	---	1.2	1.3	---	1.3	---	1.8	---	1.0	.70	---
TOTAL	35.79	27.94	32.19	38.57	46.97	34.25	27.04	24.24	27.14	24.55	35.82	33.20
MEAN	1.15	.93	1.04	1.24	1.68	1.10	.90	.78	.90	.79	1.16	1.11
MAX	1.6	1.3	1.5	3.0	6.7	1.6	1.4	1.8	1.7	1.6	1.9	1.6
MIN	.49	.52	.65	.80	.95	.79	.46	.18	.23	.26	.70	.74

CAL YR 1984	TOTAL	487.52	MEAN	1.33	MAX	4.1	MIN	.49
WTR YR 1985	TOTAL	387.70	MEAN	1.06	MAX	6.7	MIN	.18

021973305 HP-52 OUTFALL AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'56", long 81°38'26", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream culvert wingwall, 400 ft south of SRP Road E, and 700 ft south of H-Area.

PERIOD OF RECORD.--June 1984 to September 1985.

GAGE.--Water-stage recorder. Elevation of gage is 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined, June 29, 1984, gage height 4.07 ft; minimum daily, 0.44 ft^3/s Aug. 26, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, July 5, gage height, 2.12 ft; minimum daily, 0.44 ft^3/s Aug. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.72	.59	.59	.69	1.0	.64	.67	.57	.79	.71	.68	.78
2	.64	.61	.68	.69	1.4	.62	.60	.74	.80	.71	.87	.59
3	.62	.63	.77	1.5	.89	.52	.63	.78	.72	.71	.67	.73
4	.55	.57	.75	.96	.81	.52	.59	.74	.83	.74	.53	.80
5	.61	.59	.77	.95	2.5	.51	.67	.63	.89	.98	.54	.80
6	.59	.60	.67	.98	1.2	.52	.88	.62	.84	.67	.45	.88
7	.57	.53	.87	.87	.78	.53	.64	.60	.91	.65	.45	.85
8	.53	.51	.73	.87	.78	.53	.63	.58	.59	.65	.81	.60
9	.54	.54	.76	.86	.74	.52	.57	.59	.56	.66	.76	.74
10	.61	.56	.96	.86	.79	.56	.53	.59	.55	.65	.61	1.0
11	.63	.61	.74	.83	.87	.57	.54	.60	.57	.70	.55	.99
12	.60	.57	.69	.81	.83	.56	.56	.58	.72	.60	.59	.89
13	.57	.58	.67	.79	.94	.56	.57	.62	.50	.67	.66	.88
14	.47	.59	.67	.90	1.0	.54	.56	.59	.64	.65	.77	.78
15	.48	.59	.70	.88	.89	.55	.57	1.4	1.2	.62	.68	.78
16	.47	.60	.67	.81	.83	.60	.56	.84	.84	.91	.62	.77
17	.48	.60	.65	.82	.83	.56	.69	.60	.69	.68	.47	.84
18	.46	.63	.67	.80	.82	.53	.67	.58	.97	.67	.51	.98
19	.49	.60	.68	.78	.78	.61	.60	.65	.58	.72	.49	.83
20	.55	.55	.84	.79	.72	.64	.58	.66	.65	.66	.52	.84
21	.56	.56	.71	.83	.77	.70	.58	.86	.57	.58	.60	.73
22	.55	.62	.79	.83	.69	.59	.62	.78	.51	.72	.45	.77
23	.62	.59	.72	.76	.82	.59	.62	1.1	.52	.70	.63	.75
24	.59	.60	.76	.75	.72	.58	.51	.80	.53	.77	.57	.77
25	.57	.64	.73	.77	.59	.56	.50	.76	.75	.68	.52	.69
26	.56	.60	.72	.79	.60	.58	.52	.73	.62	.61	.44	.73
27	.61	.60	.68	.81	.60	.65	.52	.85	.70	.60	.59	1.3
28	.62	.68	.82	.83	.55	.68	.53	.73	.77	.71	.60	.83
29	.55	.62	.79	.86	---	.63	.54	.85	1.0	.61	.85	.91
30	.56	.59	.73	.84	---	.62	.60	.69	.80	.60	.78	.69
31	.58	---	.71	.81	---	.69	---	.70	---	.72	.74	---
TOTAL	17.55	17.75	22.69	26.32	24.74	18.06	17.85	22.41	21.61	21.31	19.00	24.52
MEAN	.57	.59	.73	.85	.88	.58	.59	.72	.72	.69	.61	.82
MAX	.72	.68	.96	1.5	2.5	.70	.88	1.4	1.2	.98	.87	1.3
MIN	.46	.51	.59	.69	.55	.51	.50	.57	.50	.58	.44	.59

WTR YR 1985 TOTAL 253.81 MEAN .70 MAX 2.5 MIN .44

02197331 H-008 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'54", long 81°38'46", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, 0.3 mi east of intersection of SRP Roads E and 4, 300 ft south of SRP Road E, and 100 ft west of SRP Road E-1.

PERIOD OF RECORD.--April 1984 to September 1985.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those for periods when discharge was over 7.0 ft^3/s, which are undefined.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, May 7, 1984, gage height, 2.89 ft; minimum daily, 0.48 ft^3/s, Aug. 22, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, July 5, gage height, 1.76 ft; minimum daily, [illegible] ft^3/s, Aug. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	.81	.72	.71	2.2	.91	.82	.66	.95	.79	.70	1.1
2	1.1	.74	.83	.66	1.3	.90	.69	.94	.96	.76	.92	.84
3	1.1	.66	.88	1.8	.99	.69	.69	.83	.78	.73	.90	1.1
4	.88	.57	.86	1.6	.87	.67	.64	.74	.91	.79	.61	1.0
5	1.0	.60	.91	1.2	4.5	.67	.68	.67	1.0	1.1	.71	.72
6	.96	.63	.81	1.2	3.1	.69	1.0	.68	.97	.72	.52	.92
7	.92	.65	1.0	.94	1.5	.71	.68	.65	1.2	.68	.55	.86
8	.84	.60	.95	.91	1.2	.69	.64	.64	.74	.67	1.1	.51
9	.96	.68	1.1	.89	.98	.66	.60	.61	.67	.67	.84	.72
10	1.2	.70	1.3	.86	1.0	.64	.57	.62	.66	.65	.71	1.2
11	1.3	.80	1.0	1.0	1.2	.61	.57	.62	.73	.69	.59	1.1
12	1.2	.72	.81	1.0	1.3	.63	.59	.61	.96	.62	.63	1.1
13	1.1	.74	.74	.94	1.4	.62	.62	.67	.65	.84	.70	1.0
14	.81	.74	.72	1.1	1.6	.65	.58	.61	.89	.67	.85	.84
15	.80	.73	.78	1.0	1.4	.65	.60	1.6	.97	.63	.73	.86
16	.76	.78	.73	.88	1.2	.77	.57	.93	.90	1.0	.66	.85
17	.74	.77	.72	.84	1.2	.77	.73	.59	.70	.72	.49	.91
18	.73	.78	.77	.82	1.1	.68	.70	.59	.97	.71	.54	1.1
19	.76	.64	.75	.79	1.1	.74	.61	.66	.85	.71	.52	.84
20	.76	.58	.90	.81	1.2	.78	.57	.69	.99	.64	.57	.86
21	.76	.60	.72	.89	1.3	.92	.58	1.0	.88	.54	.67	.73
22	.76	.72	.80	.74	1.0	.79	.61	.90	.83	.73	.48	.78
23	.84	.67	.74	.77	1.1	.77	.63	1.2	.87	.69	.72	.76
24	.78	.70	.79	.77	1.0	.76	.51	.82	.83	.80	.66	.80
25	.80	.73	.72	.80	.83	.71	.52	.76	1.3	.69	.59	.66
26	.79	.67	.72	.88	.94	.72	.55	.75	.83	.62	.51	.72
27	.81	.68	.68	1.0	1.1	.83	.55	.97	.71	.60	.73	1.5
28	.95	.78	.87	1.1	.83	.78	.55	.78	.79	.70	.74	.86
29	.82	.70	.82	1.1	---	.68	.57	.97	1.1	.64	1.1	.95
30	.79	.69	.73	1.1	---	.67	.68	.73	.95	.66	1.1	.70
31	.78	---	.70	.87	---	.85	---	.81	---	.83	1.0	---
TOTAL	28.10	20.86	25.57	29.97	38.44	22.61	18.90	24.30	26.54	22.29	22.14	26.89
MEAN	.91	.70	.82	.97	1.37	.73	.63	.78	.88	.72	.71	.90
MAX	1.3	.81	1.3	1.8	4.5	.92	1.0	1.6	1.3	1.1	1.1	1.5
MIN	.73	.57	.68	.66	.83	.61	.51	.59	.65	.54	.48	.51

WTR YR 1985 TOTAL 306.61 MEAN .84 MAX 4.5 MIN .48

02197332 SITE NO. 2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50", long 81°39'00", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on woods road 300 ft south of SRP Road E and 2,700 ft southwest of H Area.

DRAINAGE AREA.--0.30 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 250 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges; Nov. 2-5 and May 23 to June 4, which are poor, and for those periods when discharge was over 16 ft^3/s, which are undefined. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 1.63 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 27, 1974, gage height, 9.61 ft; minimum daily, 0.24 ft^3/s, Dec. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 22, gage height, 3.63 ft; minimum daily, 0.50 ft^3/s, Sept. 8. Jan. 20, Feb. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	.82	.79	.90	1.2	1.4	1.2	.81	1.1	.97	.84	1.3
2	1.1	.88	.88	.83	2.3	1.4	.99	1.1	.81	.92	1.1	1.3
3	1.2	.80	1.2	2.3	1.5	1.0	1.0	1.0	.68	.89	1.1	1.0
4	1.0	.80	1.3	1.8	1.3	.91	.95	.66	.79	.95	.73	1.3
5	1.2	.84	1.4	1.5	4.6	.87	.98	.66	.94	1.2	.81	.76
6	1.1	.82	1.0	1.4	3.7	.84	1.4	.67	.87	.91	.58	1.0
7	1.1	.75	1.1	1.2	1.9	.84	1.0	.68	1.4	.86	.60	.98
8	1.0	.73	1.0	1.2	1.5	.84	.97	.77	1.2	.84	1.2	.50
9	1.1	.79	1.1	1.1	1.3	.78	.89	.77	1.0	.84	.98	.76
10	1.3	.81	1.3	1.0	1.3	.70	.86	.77	.97	.81	.76	1.3
11	1.4	.92	1.1	1.1	1.4	.68	.80	.78	1.1	.88	.63	1.3
12	1.3	.80	.87	1.1	1.6	.68	.84	.75	1.3	.80	.64	1.1
13	1.2	.80	.85	1.1	1.7	.66	.85	.84	.97	1.0	.75	1.1
14	.93	.80	.81	1.2	1.8	.68	.83	.77	1.3	.93	.94	.90
15	.90	.77	.84	1.2	1.7	.64	.86	1.5	1.6	.87	.83	.93
16	.87	.75	.75	1.0	1.5	.82	.83	1.1	1.6	1.3	.71	.93
17	.85	.79	.72	1.0	1.5	.86	.97	.72	1.2	.88	.53	.97
18	.81	.80	.78	.97	1.4	.72	.95	.66	1.4	.81	.64	1.1
19	.82	.77	.85	.94	1.5	.80	.84	.73	1.1	.85	.59	.89
20	.80	.70	.97	.96	1.5	.82	.82	.69	1.2	.78	.67	.91
21	.83	.71	.81	.99	1.7	.96	.83	1.0	1.1	.66	.77	.78
22	.83	.86	.88	.90	1.5	.84	.81	1.0	1.0	.84	.53	.84
23	.90	.84	.83	.73	1.6	.82	.89	1.1	1.0	.82	.78	.81
24	.88	.79	.97	.77	1.5	.95	.68	1.1	1.0	.94	.75	.87
25	.82	.93	.91	.84	1.3	.97	.67	.85	1.5	.91	.70	.70
26	.78	.82	.89	.93	1.5	.99	.71	.81	1.1	.91	.60	.78
27	.80	.70	.90	1.1	1.6	1.1	.73	1.3	.86	.80	.87	1.4
28	.97	1.0	1.0	1.2	1.3	1.1	.74	.99	.95	.84	.90	.93
29	.87	.86	1.0	1.2	---	1.0	.75	1.3	1.5	.76	1.4	1.0
30	.82	.73	.93	1.2	---	1.0	.77	1.1	1.1	.81	1.4	.77
31	.80	---	.88	1.2	---	1.2	---	1.2	---	1.0	1.3	---
TOTAL	30.88	24.18	29.61	34.86	48.2	27.87	26.41	28.18	33.64	27.58	25.63	29.21
MEAN	1.00	.81	.96	1.12	1.72	.90	.88	.91	1.12	.89	.83	.97
MAX	1.6	1.0	1.4	2.3	4.6	1.4	1.4	1.5	1.6	1.3	1.4	1.4
MIN	.78	.70	.72	.73	1.2	.64	.67	.66	.68	.66	.53	.50

CAL YR 1984	TOTAL	543.78	MEAN	1.49	MAX	8.7	MIN	.61
WTR YR 1985	TOTAL	366.25	MEAN	1.00	MAX	4.6	MIN	.50

02197334 SITE NO. 3 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'31", long 81°39'12", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Four Mile Creek at right bank on downstream side of bridge on SRP Road 4, 0.8 mi southwest of H Area.

DRAINAGE AREA.--5.95 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 205 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Dec. 5 to Jan. 3, Apr. 14 to May 2, and May 7-9, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 7.65 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 149 ft^3/s, Feb. 24, 1979, gage height, 3.67 ft; minimum daily, 0.61 ft^3/s, June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 98 ft^3/s, Feb. 5, gage height, 3.33 ft; minimum daily, 1.5 ft^3/s, May 18 and May 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	4.1	3.8	4.2	6.2	5.8	4.9	2.4	2.0	2.7	3.6	3.0
2	5.7	3.5	3.4	4.1	16	6.2	4.4	2.8	2.1	2.0	3.1	2.7
3	4.8	4.5	5.6	21	7.2	5.3	4.3	3.6	1.7	2.0	2.6	2.9
4	4.5	4.1	5.1	13	5.6	5.1	4.2	2.4	1.8	1.8	2.3	3.0
5	4.2	3.8	6.0	6.9	44	5.4	4.2	2.5	1.9	4.3	2.3	2.7
6	3.9	3.3	5.5	5.7	58	5.1	8.9	2.0	1.8	2.9	2.3	2.7
7	3.9	3.1	4.9	5.1	14	5.0	5.3	1.8	6.6	2.2	2.1	2.7
8	4.4	3.2	4.7	4.5	9.9	5.0	4.4	1.9	4.8	2.4	3.0	2.5
9	3.9	3.2	5.0	4.7	8.5	4.8	4.1	2.0	2.4	2.0	3.9	2.5
10	4.1	3.2	4.8	4.1	8.1	4.7	3.9	2.3	2.5	2.3	2.3	2.8
11	4.5	4.2	4.7	4.4	8.6	4.5	3.8	1.8	2.5	1.9	2.3	2.9
12	4.1	3.4	4.2	4.1	9.5	4.6	3.9	1.6	2.4	2.3	2.3	2.8
13	3.9	3.2	4.1	3.9	8.0	5.0	3.8	1.6	2.2	3.3	2.4	2.8
14	3.4	3.5	4.3	4.2	7.7	4.8	3.7	2.0	1.9	2.1	2.4	2.4
15	4.5	3.1	4.5	4.1	7.3	4.7	3.6	2.5	2.9	1.9	2.4	2.9
16	3.9	3.2	4.4	3.9	6.7	5.4	3.5	2.2	8.4	6.5	2.4	2.6
17	3.8	3.3	4.5	4.8	6.8	6.3	3.5	1.6	3.4	3.3	2.2	2.7
18	3.6	3.3	4.6	4.7	6.4	5.2	3.4	1.5	4.0	2.3	2.1	2.5
19	3.6	3.1	4.9	4.2	6.4	4.9	3.4	1.6	2.7	5.1	2.1	2.2
20	3.5	3.8	4.5	4.1	7.8	5.1	3.5	1.5	2.1	2.3	2.1	2.4
21	3.8	3.6	4.7	4.2	7.3	6.2	3.1	2.1	3.5	2.2	2.1	2.4
22	4.1	3.4	4.9	4.2	6.6	6.6	3.4	4.6	1.8	2.1	2.1	2.5
23	4.1	3.6	4.4	4.1	6.5	5.7	3.2	4.2	2.0	2.3	2.3	2.5
24	3.8	3.4	4.3	3.9	6.1	5.2	3.1	2.3	1.9	3.0	2.4	2.5
25	3.8	3.6	4.4	4.2	5.9	5.1	3.0	2.2	2.3	4.7	2.3	2.1
26	3.6	3.4	4.1	4.4	7.3	4.9	2.8	2.0	2.4	3.6	3.1	2.4
27	3.5	3.4	4.3	4.2	8.0	4.7	2.7	1.7	1.6	2.5	2.4	3.3
28	4.7	4.2	4.1	4.7	6.1	4.9	2.6	2.1	2.4	2.4	2.5	2.4
29	5.3	5.9	4.0	5.0	---	5.0	2.5	3.0	2.7	2.6	2.9	2.2
30	4.2	4.1	4.2	4.8	---	4.7	2.5	3.5	2.7	2.4	3.2	2.4
31	3.9	---	4.2	5.9	---	5.0	---	2.6	---	2.4	2.8	---
TOTAL	130.3	108.7	141.1	165.3	306.5	160.9	113.6	71.9	83.4	85.8	78.3	78.4
MEAN	4.20	3.62	4.55	5.33	10.9	5.19	3.79	2.32	2.78	2.77	2.53	2.61
MAX	7.3	5.9	6.0	21	58	6.6	8.9	4.6	8.4	6.5	3.9	3.3
MIN	3.4	3.1	3.4	3.9	5.6	4.5	2.5	1.5	1.6	1.8	2.1	2.1

CAL YR 1984	TOTAL	3827.7	MEAN	10.5	MAX	100	MIN	3.1
WTR YR 1985	TOTAL	1524.2	MEAN	4.18	MAX	58	MIN	1.5

02197336 SITE NO. 4 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'21", long 81°39'55", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Four Mile Creek at left bank, 200 ft above SRP Road C, 0.8 mi downstream of site 3, 0.8 mi southeast of F Area.

DRAINAGE AREA.--6.96 mi^2.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1 to Sept. 30. Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 8.64 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Sept. 18, 1982, gage height, 5.41 ft; minimum daily, 1.6 ft^3/s, May 17, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Feb. 6, gage height, 4.25 ft; minimum daily, 1.6 ft^3/s, May 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	4.2	4.3	4.3	6.3	6.5	4.5	2.6	3.2	3.4	3.6	2.9
2	6.3	3.6	4.0	4.2	17	6.3	4.4	2.8	2.9	2.2	4.0	2.7
3	5.1	4.1	5.5	19	7.5	5.9	4.4	4.2	2.4	2.0	2.8	2.6
4	4.5	3.7	4.7	13	6.3	5.5	4.6	2.6	2.6	1.9	2.8	2.8
5	4.6	3.7	6.3	7.1	44	5.6	4.6	2.5	2.6	3.4	2.4	2.6
6	4.1	3.3	5.7	5.8	58	5.4	8.3	2.2	2.6	5.3	2.4	2.6
7	4.2	3.1	5.0	5.6	15	5.3	5.2	2.0	8.8	2.3	2.5	3.1
8	4.4	3.6	4.9	5.1	10	5.3	4.4	2.1	10	2.2	3.5	2.1
9	4.1	3.6	5.1	5.0	8.3	5.1	4.5	1.8	2.7	2.1	6.0	2.1
10	4.3	3.7	5.0	4.8	8.4	5.1	4.5	2.4	2.6	2.0	2.7	2.4
11	4.4	4.4	4.9	4.2	8.7	5.0	4.6	2.3	3.0	2.2	2.2	2.4
12	4.2	3.9	4.4	4.6	11	4.8	4.4	2.2	2.8	2.4	2.2	2.4
13	4.5	3.6	4.3	4.5	8.5	4.9	4.4	2.2	2.7	3.2	2.2	2.3
14	4.0	3.6	4.4	4.6	7.5	5.0	4.3	2.3	2.6	2.8	2.1	2.5
15	4.1	3.4	4.6	4.6	7.5	4.8	4.2	2.3	3.8	2.2	2.2	2.6
16	4.5	3.5	4.5	4.4	7.7	5.2	4.1	2.3	9.9	5.6	2.3	2.2
17	4.5	3.6	4.6	4.7	7.4	6.4	4.1	1.6	3.9	8.3	2.1	2.2
18	4.6	3.6	4.8	4.6	6.9	5.2	4.0	2.1	4.2	2.3	2.2	2.1
19	4.4	3.6	5.0	4.4	6.9	5.1	3.9	2.1	4.1	3.3	2.0	2.0
20	4.5	3.9	4.7	4.1	7.9	5.5	3.7	2.1	3.0	2.7	2.0	2.3
21	4.5	3.8	4.8	4.3	7.3	6.1	3.4	2.2	3.6	2.3	2.3	2.6
22	4.5	3.8	5.1	4.1	7.2	6.4	3.6	3.7	3.0	2.1	2.1	2.2
23	4.7	4.1	4.6	4.2	7.7	5.8	3.4	3.3	2.9	2.2	1.9	2.2
24	4.8	4.1	4.4	4.3	6.8	5.4	3.4	2.4	2.8	2.9	2.0	2.1
25	4.5	3.8	4.5	4.5	6.3	5.5	3.3	2.1	3.0	6.7	2.3	2.2
26	4.4	3.7	4.3	4.4	7.2	5.0	3.1	2.0	3.0	4.8	2.7	2.2
27	4.2	3.8	4.4	4.4	7.7	4.9	2.9	1.9	3.0	2.8	2.4	2.6
28	4.3	4.9	4.2	4.6	6.5	5.1	2.8	2.0	3.2	2.9	2.5	2.5
29	4.9	4.5	4.2	5.0	---	5.1	2.7	4.0	3.3	2.8	3.0	2.4
30	4.2	4.5	4.3	4.8	---	4.8	2.7	3.0	4.5	3.5	3.0	2.3
31	4.1	---	4.3	5.7	---	4.9	---	2.8	---	2.9	2.7	---
TOTAL	145.4	114.7	145.8	168.9	317.5	166.9	122.4	76.1	112.7	97.7	81.1	72.2
MEAN	4.69	3.82	4.70	5.45	11.3	5.38	4.08	2.45	3.76	3.15	2.62	2.41
MAX	11	4.9	6.3	19	58	6.5	8.3	4.2	10	8.3	6.0	3.1
MIN	4.0	3.1	4.0	4.1	6.3	4.8	2.7	1.6	2.4	1.9	1.9	2.0

CAL YR 1984	TOTAL	4242.6	MEAN	11.6	MAX	112	MIN	3.1
WTR YR 1985	TOTAL	1621.4	MEAN	4.44	MAX	58	MIN	1.6

02197338 SITE NO. 5 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50'', long 81°40'15'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, at upstream end of pipe culvert at SRP Road E, 600 ft southeast of Area F, 0.5 mi east of SRP Road C.

DRAINAGE AREA.--0.28 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharge. Records good, except those for periods when discharge was over 16 ft^3/s, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 2.68 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 5, 1974, gage height, 7.94 ft; minimum daily, 0.80 ft^3/s, May 27, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 7, gage height, 3.26 ft; minimum daily, 0.88 ft^3/s, May 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	2.8	3.0	3.6	5.2	4.0	2.4	.88	5.1	4.4	2.9	2.9
2	4.2	2.2	2.6	3.4	6.0	3.3	2.6	1.8	4.4	1.8	1.9	2.4
3	3.6	1.7	2.6	7.7	3.9	3.4	2.7	3.6	3.6	1.7	2.1	2.3
4	3.3	1.9	2.6	5.5	4.4	3.1	2.5	1.9	4.1	1.9	2.4	2.2
5	3.5	2.3	3.0	4.3	22	3.2	2.5	1.8	4.1	4.9	2.0	2.1
6	3.2	1.9	2.8	3.9	8.4	3.2	3.1	1.7	4.0	2.3	1.9	2.3
7	3.1	1.8	2.7	3.8	5.8	3.2	2.3	1.5	5.9	1.9	1.9	3.0
8	3.4	2.9	2.9	3.4	3.9	3.3	2.0	1.8	4.3	1.9	2.8	1.6
9	3.0	2.9	3.6	3.6	3.2	3.2	2.6	1.7	2.6	1.7	5.9	1.7
10	3.1	3.2	3.4	3.4	3.7	3.2	2.7	3.2	2.7	1.7	1.8	1.7
11	3.3	3.3	2.9	2.3	3.7	3.3	3.0	3.1	3.4	2.2	1.8	1.5
12	2.8	3.1	2.5	3.1	4.6	2.7	2.7	3.0	3.0	2.7	1.9	1.7
13	3.4	3.0	2.6	3.4	3.9	2.5	2.7	3.1	2.7	2.7	1.9	1.5
14	3.0	2.7	3.1	3.3	2.4	2.5	2.8	3.1	3.5	2.0	1.8	2.3
15	3.1	2.7	3.4	3.4	3.2	2.3	2.6	3.0	4.5	2.0	2.0	2.2
16	3.8	2.7	3.3	3.2	3.9	2.5	2.5	2.7	5.9	2.9	2.1	1.6
17	3.7	2.8	3.3	3.3	3.6	2.7	2.6	2.0	4.1	1.8	2.1	1.7
18	3.9	2.7	3.8	3.3	3.2	2.7	2.4	2.9	5.0	1.6	2.1	1.7
19	3.8	2.6	3.7	3.1	3.2	3.1	2.4	2.9	3.8	1.5	1.9	1.7
20	3.8	2.8	3.4	2.9	3.3	3.6	2.6	3.0	4.0	2.4	1.9	2.4
21	3.7	2.7	3.5	3.2	3.2	2.9	2.1	2.5	4.0	2.1	2.8	2.5
22	3.9	2.7	3.5	3.1	4.2	2.4	2.2	3.3	4.1	1.9	2.0	1.9
23	4.0	2.8	3.6	3.3	5.1	2.7	2.1	2.0	4.1	1.2	1.7	1.9
24	4.2	2.7	3.6	3.1	3.6	2.8	2.2	2.3	4.0	1.9	1.8	1.9
25	3.7	2.5	3.6	2.9	3.1	3.2	2.2	2.0	4.1	4.6	2.1	1.9
26	3.7	2.5	3.5	2.1	3.4	2.8	1.8	2.0	4.0	2.3	2.0	2.0
27	3.0	2.7	3.5	2.2	3.4	2.5	1.9	2.0	4.2	1.8	2.3	2.0
28	2.9	2.3	3.1	2.4	3.3	2.8	1.8	2.0	4.2	2.5	3.0	2.1
29	2.6	2.4	3.4	3.1	---	2.7	1.7	6.0	5.1	1.9	3.4	2.2
30	2.7	3.3	3.6	3.0	---	2.6	1.9	2.6	4.9	3.7	2.4	2.1
31	2.9	---	3.6	3.7	---	2.9	---	3.6	---	1.9	2.4	---
TOTAL	107.3	78.6	99.7	106.0	130.8	91.3	71.6	78.98	123.4	71.8	71.0	61.0
MEAN	3.46	2.62	3.22	3.42	4.67	2.95	2.39	2.55	4.11	2.32	2.29	2.03
MAX	5.0	3.3	3.8	7.7	22	4.0	3.1	6.0	5.9	4.9	5.9	3.0
MIN	2.6	1.7	2.5	2.1	2.4	2.3	1.7	.88	2.6	1.2	1.7	1.5

CAL YR 1984	TOTAL	1363.4	MEAN	3.73	MAX	12	MIN	1.5
WTR YR 1985	TOTAL	1091.48	MEAN	2.99	MAX	22	MIN	.88

02197339 SITE NO. 5B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'29", long 81°40'06", Aiken County, Hydrologic Unit 0306106, at Savannah river Plant, 100 ft east of SRP Road C on right bank upstream and 30 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F area.

DRAINAGE AREA.--0.57 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except those above 35 ft^3/s, which are poor.

AVERAGE DISCHARGE:-- 5 years, 3.58 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined, May 7, 1984, gage height, 3.95 ft; minimum daily, 1.2 ft^3/s May 2, 1981, May 1, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, Jun. 7, gage height, 3.37 ft; minimum daily, 1.2 ft^3/s, May 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.4	3.5	3.7	5.5	5.3	4.6	2.9	1.2	5.5	5.0	3.2	3.2
2	4.6	3.0	3.2	3.4	6.9	4.0	3.1	1.8	4.9	2.5	2.6	2.6
3	4.2	2.6	3.3	9.0	4.7	4.1	3.1	3.5	4.1	2.2	2.6	2.4
4	4.0	2.8	3.2	6.7	5.0	3.9	3.0	2.0	4.6	2.6	3.0	2.4
5	4.1	3.1	3.8	5.5	15	4.0	3.0	1.9	4.6	3.3	2.5	2.2
6	3.8	2.7	3.6	5.1	8.1	4.0	3.5	1.8	4.5	3.4	2.4	2.3
7	3.7	2.6	3.7	5.0	6.2	4.0	2.8	1.6	6.3	2.7	2.4	3.2
8	4.1	3.6	3.9	4.5	4.6	4.1	2.4	1.9	5.5	2.6	3.4	1.6
9	3.7	3.5	4.6	4.7	3.9	3.9	2.9	2.0	3.7	2.4	3.6	1.6
10	3.8	3.8	4.5	4.6	4.4	3.9	3.0	3.2	3.6	2.3	2.3	1.7
11	4.1	3.9	4.0	3.4	4.2	4.0	3.3	3.1	4.2	2.8	2.1	1.5
12	3.7	3.6	3.7	4.1	5.2	3.4	3.0	3.1	3.9	3.4	2.2	1.7
13	4.3	3.5	3.7	4.3	4.5	3.3	3.0	3.1	3.5	3.3	2.2	1.5
14	3.9	3.2	4.3	4.3	3.2	3.3	3.0	3.1	4.2	2.6	2.1	2.3
15	3.9	3.1	4.6	4.4	3.9	3.2	2.8	3.0	5.2	2.6	2.4	2.4
16	4.7	3.2	4.6	4.1	4.5	3.4	2.7	2.8	6.7	3.6	2.3	1.7
17	4.6	3.2	4.6	4.2	4.3	3.6	2.7	2.2	4.8	2.5	2.4	1.7
18	4.9	3.2	5.2	4.2	3.9	3.5	2.6	2.9	5.7	2.1	2.4	1.7
19	4.8	3.1	5.2	4.0	3.9	3.8	2.6	3.0	4.5	1.9	2.1	1.7
20	4.8	3.3	4.9	3.8	4.0	4.3	2.7	3.0	4.7	2.8	2.1	2.4
21	4.8	3.3	4.9	4.2	3.9	3.8	2.3	2.6	4.6	2.6	3.0	2.7
22	4.9	3.3	5.0	4.0	4.7	3.1	2.3	3.4	4.7	2.3	2.2	2.1
23	4.9	3.4	5.1	4.2	5.5	3.4	2.2	2.4	4.7	1.6	1.9	2.0
24	5.1	3.3	5.2	3.9	4.3	3.5	2.3	2.6	4.6	2.3	1.9	2.0
25	4.5	3.2	5.1	3.6	3.8	3.9	2.3	2.3	4.6	3.1	2.4	1.9
26	4.6	3.1	5.1	3.0	4.1	3.4	1.9	2.3	4.6	3.0	2.3	2.1
27	3.9	3.3	5.2	3.1	4.1	3.1	2.0	2.3	4.8	2.4	2.5	2.2
28	3.9	3.2	4.8	3.3	4.0	3.3	1.9	2.3	4.8	3.0	3.2	2.4
29	3.6	3.2	5.2	3.9	---	3.2	1.8	4.0	5.4	2.5	3.9	2.5
30	3.6	4.0	5.4	3.7	---	3.1	2.0	3.3	5.6	3.6	2.8	2.3
31	3.7	---	5.4	4.3	---	3.3	---	4.0	---	2.3	2.7	---
TOTAL	132.6	97.8	138.7	136.0	140.1	113.4	79.1	81.7	143.1	85.3	79.1	64.0
MEAN	4.28	3.26	4.47	4.39	5.00	3.66	2.64	2.64	4.77	2.75	2.55	2.13
MAX	5.4	4.0	5.4	9.0	15	4.6	3.5	4.0	6.7	5.0	3.9	3.2
MIN	3.6	2.6	3.2	3.0	3.2	3.1	1.8	1.2	3.5	1.6	1.9	1.5

CAL YR 1984	TOTAL	1681.3	MEAN	4.59	MAX	12	MIN	2.6
WTR YR 1985	TOTAL	1290.9	MEAN	3.54	MAX	15	MIN	1.2

02197340 SITE NO. 6 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'23", long 81°40'05", Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRP Road C, and 0.7 mi southeast of Area F.

DRAINAGE AREA.--7.53 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 193 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, May 2 to June 4, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 12.9 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 288 ft^3/s, Nov. 2, 1980, gage height, 5.15 ft; minimum daily, 4.1 ft^3/s Dec. 23, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 149 ft^3/s, Feb. 6, gage height, 4.47 ft; minimum daily, 4.2 ft^3/s, May 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	9.4	11	9.3	12	13	7.7	4.6	8.7	8.6	8.2	7.2
2	12	7.9	10	9.0	28	12	7.8	5.0	8.4	5.1	9.5	6.5
3	10	8.9	14	34	15	11	7.6	8.0	8.8	4.4	6.2	6.2
4	9.0	8.1	12	26	13	9.6	7.5	4.9	7.6	4.3	6.3	6.7
5	9.5	8.1	16	17	60	9.8	7.7	4.8	6.2	7.7	5.3	6.1
6	8.3	7.0	15	14	70	9.7	15	4.5	6.0	12	5.2	6.1
7	8.6	6.6	13	13	27	9.4	9.0	4.2	16	5.3	5.4	7.4
8	9.0	7.9	12	12	20	9.6	7.4	4.5	20	4.9	8.1	4.5
9	8.3	8.1	13	12	17	9.1	7.7	4.4	6.5	4.8	14	4.7
10	8.7	8.5	13	11	16	9.1	7.6	6.2	6.2	4.5	6.6	5.3
11	9.0	10	12	9.2	16	9.1	7.9	6.1	7.4	5.0	5.2	5.4
12	8.3	8.9	11	10	20	8.6	7.6	6.0	6.7	5.7	5.2	5.3
13	9.3	8.3	10	9.8	16	8.4	7.6	6.0	6.3	7.9	5.3	4.9
14	8.1	8.2	11	9.8	14	8.5	7.6	6.2	6.3	6.6	5.1	5.7
15	8.3	7.6	11	9.9	14	8.1	7.3	6.1	9.7	5.1	5.1	5.9
16	9.4	8.0	11	9.2	15	8.9	7.2	5.7	23	10	5.4	4.8
17	9.8	8.3	11	10	14	11	7.3	4.4	10	15	4.8	4.8
18	10	8.3	12	9.9	13	9.2	7.1	5.8	11	5.0	5.2	4.6
19	9.8	8.4	12	9.1	13	8.9	6.9	5.8	11	7.2	4.7	4.4
20	10	9.4	11	8.5	15	10	6.6	5.7	8.0	6.0	4.6	4.9
21	10	9.2	11	8.6	14	11	6.0	5.5	9.6	5.0	5.5	5.9
22	11	9.0	12	8.6	14	11	6.3	7.7	7.9	4.5	5.2	4.9
23	11	9.8	10	8.8	15	10	5.8	6.3	7.5	4.6	4.4	4.8
24	12	10	10	9.1	13	9.3	6.0	5.8	7.3	6.4	4.7	4.6
25	11	9.2	10	8.8	11	9.9	5.8	4.9	7.9	14	5.6	4.9
26	10	8.9	9.4	8.3	13	8.7	5.5	4.7	7.7	11	6.8	4.9
27	9.4	9.3	9.8	8.2	14	8.5	5.1	4.6	8.0	6.1	5.7	5.8
28	9.3	12	9.4	8.7	12	8.9	5.0	4.7	8.5	6.6	6.1	5.6
29	11	11	9.2	9.5	---	8.7	4.8	8.5	8.7	6.3	7.7	5.3
30	9.4	12	9.3	9.2	---	8.2	4.8	6.7	12	8.0	7.6	5.0
31	9.0	---	9.3	11	---	8.5	---	7.4	---	6.5	6.7	---
TOTAL	307.5	266.3	350.4	351.5	534	295.7	213.2	175.7	278.9	214.1	191.4	163.1
MEAN	9.92	8.88	11.3	11.3	19.1	9.54	7.11	5.67	9.30	6.91	6.17	5.44
MAX	19	12	16	34	70	13	15	8.5	23	15	14	7.4
MIN	8.1	6.6	9.2	8.2	11	8.1	4.8	4.2	6.0	4.3	4.4	4.4

CAL YR 1984	TOTAL	6633.1	MEAN	18.1	MAX	125	MIN	6.6
WTR YR 1985	TOTAL	3341.8	MEAN	9.16	MAX	70	MIN	4.2

021973405 C-001 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°15'13", long 81°40'53", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on upstream side of culvert, near right bank, 10 ft east of dirt road SRP A-6, 1000 ft northwest of Area C, and 0.6 mi upstream of Four Mile Creek.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 245 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: April 18 to May 6. Records fair, except those for periods when discharge was over 3.1 ft^3/s, which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 1, 1984, gage height, 3.59 ft; minimum daily, 0.12 ft^3/s, Mar. 26, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 7, gage height, 2.64 ft; minimum daily, 0.15 ft^3/s, Jul. 31 and Aug. 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.79	.91	.81	.87	.83	.72	.80	.88	.82	.55	.20	.33
2	.65	.91	.89	.87	.99	.71	.81	.86	.81	.36	.18	.26
3	.64	.86	.83	1.3	.73	.71	.78	.84	.81	.30	.16	.25
4	.62	.81	.83	.93	.71	.71	.80	1.0	.81	.31	.16	.24
5	.62	.83	.96	.81	2.1	.73	.84	.93	.81	.41	.16	.23
6	.62	.89	.86	.81	.99	.74	.99	.89	.82	.34	.16	.28
7	.59	.88	.89	.81	.75	.75	.88	.88	1.7	.27	.16	.26
8	.56	.84	.88	.81	.73	.73	.88	.87	.84	.30	.24	.27
9	.55	.84	.88	.79	.71	.73	.86	.87	.79	.30	.28	.28
10	.52	.84	.88	.77	.71	.75	.86	.95	.77	.27	.19	.27
11	.33	.85	.88	.77	.72	.74	.88	.95	.84	.27	.17	.27
12	.29	.84	.88	.77	.75	.83	.89	.95	.77	.30	.16	.27
13	.41	.84	.88	.77	.75	.77	.90	.93	.76	.34	.16	.27
14	.69	.84	.88	.77	.76	.63	.88	.95	.74	.32	.16	.26
15	.75	.84	.85	.76	.74	.58	.89	.93	.88	.31	.17	.28
16	.68	.86	.87	.75	.76	.63	.91	.91	.99	.46	.17	.28
17	.60	.87	.87	.75	.77	.61	.93	.90	.73	.27	.17	.30
18	.66	.87	.86	.74	.76	.75	.92	.90	.71	.23	.17	.32
19	.71	.88	.86	.74	.76	.77	.94	.90	.73	.23	.16	.31
20	.84	.88	.86	.74	.78	.78	.99	.91	.74	.24	.16	.30
21	.88	.88	.88	.75	.76	.83	.93	.91	.81	.23	.16	.31
22	.87	.86	.88	.76	.74	.82	.93	1.1	.76	.25	.16	.31
23	.91	.85	.88	.77	.74	.81	.92	.94	.76	.24	.15	.30
24	.91	.86	.88	.77	.74	.81	.92	.88	.71	.33	.18	.31
25	.92	.88	.88	.77	.73	.81	.91	.86	.71	.48	.28	.31
26	.96	.88	.88	.80	.76	.81	.91	.84	.66	.22	.28	.32
27	.97	.88	.88	.81	.75	.81	.99	.84	.63	.18	.34	.32
28	.98	.90	.88	.81	.71	.81	.94	.84	.64	.26	.29	.33
29	.92	.81	.88	.81	---	.83	.93	1.1	.73	.20	.37	.33
30	.87	.81	.86	.81	---	.81	.90	.88	.66	.17	.31	.33
31	.89	---	.85	.81	---	.81	---	.84	---	.15	.26	---
TOTAL	22.20	25.79	27.03	25.00	22.73	23.33	26.91	28.23	23.94	9.09	6.32	8.70
MEAN	.72	.86	.87	.81	.81	.75	.90	.91	.80	.29	.20	.29
MAX	.98	.91	.96	1.3	2.1	.83	.99	1.1	1.7	.55	.37	.33
MIN	.29	.81	.81	.74	.71	.58	.78	.84	.63	.15	.15	.23

CAL YR 1984	TOTAL	310.87	MEAN	.85	MAX	1.9	MIN	.12
WTR YR 1985	TOTAL	249.27	MEAN	.68	MAX	2.1	MIN	.15

02197341 TRIBUTARY TO FOUR MILE CREEK BELOW TWIN LAKES AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'55", long 81°41'35", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, 50 ft below Twin Lakes, 800 ft upstream from Four Mile Creek, and .75 mi west of Area C.

PERIOD OF RECORD.--March 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 175 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Aug. 10 to Sept. 5, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.49 ft^3/s, May 9, 1984, gage height, 0.61 ft; minimum daily, 0.02 ft^3/s, May 19-21, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.25 ft^3/s, Feb. 8, gage height, 0.53 ft; minimum daily, 0.02 ft^3/s, May 19-21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.11	.19	.19	.17	.12	.09	.06	.05	.04	.10	.07
2	.11	.11	.19	.19	.16	.12	.10	.06	.06	.04	.09	.07
3	.07	.11	.19	.19	.05	.12	.12	.07	.06	.03	.07	.07
4	.05	.11	.19	.17	.05	.12	.12	.07	.05	.03	.06	.07
5	.09	.11	.19	.17	.06	.12	.11	.07	.04	.03	.05	.06
6	.09	.11	.19	.17	.19	.11	.11	.06	.04	.06	.05	.06
7	.09	.12	.19	.17	.21	.09	.11	.06	.05	.06	.05	.06
8	.09	.12	.19	.17	.23	.07	.11	.06	.09	.05	.04	.06
9	.09	.12	.19	.17	.23	.09	.11	.06	.11	.05	.06	.06
10	.09	.12	.14	.17	.23	.09	.11	.05	.10	.05	.07	.06
11	.09	.12	.07	.17	.21	.09	.09	.04	.10	.04	.07	.06
12	.09	.12	.11	.17	.21	.09	.09	.04	.11	.04	.07	.06
13	.09	.12	.12	.17	.21	.09	.09	.04	.10	.03	.07	.05
14	.08	.12	.13	.17	.19	.09	.09	.03	.08	.03	.07	.05
15	.08	.12	.15	.17	.19	.09	.08	.03	.07	.03	.06	.05
16	.07	.11	.15	.17	.19	.09	.07	.03	.09	.03	.06	.05
17	.08	.13	.15	.17	.15	.09	.07	.03	.09	.04	.06	.05
18	.08	.14	.15	.17	.15	.09	.07	.03	.06	.04	.06	.05
19	.12	.15	.14	.17	.15	.09	.08	.02	.06	.04	.06	.05
20	.12	.15	.14	.17	.14	.09	.07	.02	.06	.04	.06	.05
21	.11	.15	.14	.17	.14	.11	.06	.02	.06	.04	.06	.05
22	.11	.13	.14	.17	.14	.11	.06	.03	.05	.04	.06	.06
23	.11	.11	.15	.17	.12	.11	.06	.04	.04	.04	.05	.06
24	.11	.11	.17	.17	.12	.09	.06	.04	.04	.04	.07	.06
25	.12	.07	.22	.17	.14	.09	.06	.04	.04	.04	.08	.07
26	.12	.04	.23	.17	.14	.09	.06	.05	.03	.05	.09	.09
27	.11	.04	.23	.17	.14	.09	.06	.04	.03	.05	.10	.09
28	.11	.06	.23	.17	.14	.09	.06	.04	.03	.05	.09	.09
29	.11	.07	.21	.17	---	.09	.06	.05	.03	.11	.09	.09
30	.11	.15	.21	.17	---	.09	.06	.06	.04	.12	.08	.09
31	.11	---	.20	.17	---	.09	---	.06	---	.12	.08	---
TOTAL	3.00	3.35	5.29	5.33	4.45	3.00	2.49	1.40	1.86	1.50	2.13	1.91
MEAN	.10	.11	.17	.17	.16	.10	.08	.04	.06	.05	.07	.06
MAX	.12	.15	.23	.19	.23	.12	.12	.07	.11	.12	.10	.09
MIN	.05	.04	.07	.17	.05	.07	.06	.02	.03	.03	.04	.05

CAL YR 1984	TOTAL	60.65	MEAN	.17	MAX	.49	MIN	.04
WTR YR 1985	TOTAL	35.71	MEAN	.10	MAX	.23	MIN	.02

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'40", long 81°41'45", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right upstream end of concrete culvert pipe on Four Mile Creek at SRP Road A-7, 1.0 mi southwest of Area C.

DRAINAGE AREA.--12.5 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 155 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--13 years, 18.08 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft^3/s, Feb. 2, 1973, gage height, 4.80 ft; minimum daily, 5.1 ft^3/s, Oct. 3, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 121 ft^3/s, Feb. 6, gage height, 3.52 ft; minimum daily, 5.6 ft^3/s, Jul. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	13	13	14	16	15	12	6.9	9.2	14	8.1	9.2
2	17	12	13	14	44	15	11	6.7	9.9	20	16	11
3	14	13	18	49	24	14	11	13	8.3	20	8.9	8.9
4	12	12	15	41	17	14	11	10	7.6	20	8.0	9.5
5	13	12	20	22	48	14	11	7.6	7.7	21	6.6	7.8
6	12	11	19	16	93	13	22	7.1	7.4	21	6.9	7.2
7	11	10	15	16	38	13	14	6.6	8.9	20	6.9	7.5
8	12	11	14	15	24	13	12	6.6	41	14	9.5	7.3
9	11	12	14	15	20	13	11	6.9	11	6.4	16	6.0
10	11	12	15	14	19	13	11	7.7	7.5	5.8	18	6.2
11	11	14	15	13	19	13	11	8.4	8.1	5.8	7.8	6.2
12	10	13	14	13	23	13	11	7.7	12	6.4	6.9	6.3
13	10	12	13	13	19	12	11	7.2	8.0	6.3	6.9	6.1
14	11	12	13	14	18	12	11	7.1	7.0	11	6.8	6.0
15	10	12	14	14	16	12	11	7.3	8.8	6.7	6.6	6.6
16	11	13	14	14	16	12	11	8.0	30	6.5	6.7	6.0
17	12	12	14	15	17	17	11	6.8	16	25	6.4	5.9
18	12	12	14	15	16	14	11	6.1	10	8.0	6.4	6.0
19	12	12	15	14	15	13	10	6.2	12	6.0	6.2	5.8
20	12	12	14	13	19	14	9.5	6.3	9.4	8.4	5.9	5.7
21	12	13	14	11	17	15	9.1	6.9	8.4	6.5	5.9	6.6
22	12	12	15	12	16	18	8.4	7.7	9.5	5.6	7.8	6.1
23	12	12	15	13	17	14	9.0	17	8.0	6.4	6.2	5.8
24	13	13	14	14	17	14	8.8	9.0	7.7	7.7	6.2	5.9
25	12	12	14	13	15	13	9.0	7.1	7.7	15	7.6	6.1
26	12	12	14	13	17	12	8.1	6.3	7.3	26	11	5.8
27	12	12	14	12	19	12	7.5	5.9	8.4	10	8.6	6.0
28	12	16	14	13	17	12	7.4	5.8	7.5	9.3	7.2	6.1
29	15	15	14	13	---	12	7.0	9.9	9.0	13	9.0	5.9
30	13	14	14	13	---	12	6.9	18	17	9.9	12	5.9
31	12	---	14	17	---	12	---	10	---	12	10	---
TOTAL	388	373	452	498	656	415	314.7	253.8	330.3	373.7	263.0	201.4
MEAN	12.5	12.4	14.6	16.1	23.4	13.4	10.5	8.19	11.0	12.1	8.48	6.71
MAX	27	16	20	49	93	18	22	18	41	26	18	11
MIN	10	10	13	11	15	12	6.9	5.8	7.0	5.6	5.9	5.7

CAL YR 1984	TOTAL	8749	MEAN	23.9	MAX	119	MIN	10
WTR YR 1985	TOTAL	4518.9	MEAN	12.4	MAX	93	MIN	5.6

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C, Jun. 5, 6, 1985; minimum, 0.5°C, Jan. 21, 22, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, Jun. 5, 6; minimum, 0.5°C, Jan. 21, 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	22.5	21.0	21.5	14.0	10.5	12.0	19.0	16.0	17.0
2	---	---	---	22.5	20.5	21.5	14.5	11.5	13.0	19.5	17.0	18.0
3	18.0	16.0	17.0	21.5	17.5	19.0	16.0	13.5	14.5	18.5	14.0	17.0
4	18.5	14.5	16.5	17.0	16.0	16.5	13.0	9.5	11.5	14.0	9.5	12.0
5	19.5	16.0	17.5	18.5	16.0	17.0	11.5	10.0	10.5	10.5	8.0	9.0
6	20.0	17.0	18.5	16.5	14.0	15.5	11.0	8.5	10.0	10.0	6.5	8.0
7	21.0	18.0	19.5	14.0	11.0	12.5	8.0	5.5	7.0	10.5	7.0	8.5
8	22.0	19.0	20.5	12.5	9.5	11.0	9.0	5.0	6.5	10.5	7.5	9.0
9	21.5	18.5	20.0	13.0	9.5	11.0	10.0	6.0	8.0	10.0	7.0	8.5
10	21.0	18.0	19.5	15.1	10.1	12.5	11.0	8.0	9.5	10.5	9.0	9.5
11	21.0	18.5	19.5	15.6	14.1	15.0	14.0	10.5	12.0	11.5	9.0	10.0
12	20.5	17.0	19.0	13.6	11.1	12.5	13.5	10.0	11.5	9.0	6.5	8.0
13	20.0	17.0	18.5	11.5	8.5	10.5	15.0	11.0	13.0	8.0	4.5	6.5
14	20.0	16.5	18.0	11.5	7.5	9.5	15.5	12.5	13.5	8.5	6.5	7.5
15	20.0	17.0	18.5	12.5	8.5	10.5	15.0	12.0	13.5	9.0	6.0	7.5
16	21.5	18.0	20.0	15.0	12.0	13.0	15.0	12.5	13.5	8.5	4.5	6.5
17	22.5	20.0	21.0	13.5	10.0	11.5	17.0	13.5	15.0	10.0	8.0	9.0
18	23.0	20.5	22.0	13.5	9.0	11.0	17.0	14.0	15.5	11.0	8.5	9.5
19	23.0	20.5	22.0	17.0	13.0	15.0	17.0	14.0	15.5	11.0	8.0	9.5
20	22.5	20.0	21.5	16.5	12.5	14.5	18.0	14.5	16.0	8.5	4.0	7.0
21	23.5	21.0	22.0	12.0	9.0	10.0	17.5	15.0	16.5	3.5	.5	2.0
22	24.0	21.5	23.0	10.5	9.0	9.5	17.0	15.0	16.5	5.0	.5	2.5
23	24.5	22.5	23.5	12.0	8.5	10.0	15.0	12.5	13.5	5.0	2.0	3.5
24	23.5	21.0	22.5	11.5	8.0	10.0	15.5	12.0	13.5	7.5	3.0	5.0
25	22.5	19.5	21.0	11.5	8.0	9.5	17.0	14.0	15.5	9.5	5.5	7.5
26	22.0	18.5	20.0	12.5	8.5	10.5	16.0	14.0	15.0	7.5	4.5	6.0
27	22.5	19.5	21.0	16.0	12.0	13.5	16.0	13.0	14.5	6.5	2.5	4.5
28	24.0	22.0	23.0	16.5	13.5	15.5	16.0	12.5	14.5	8.0	6.0	7.0
29	24.0	22.0	23.0	13.0	9.5	11.0	18.0	14.5	16.0	10.5	7.0	8.5
30	23.5	21.0	22.5	11.5	8.0	9.5	18.0	15.0	16.5	9.0	6.0	7.5
31	23.0	21.5	22.0	---	---	---	17.5	14.5	16.0	14.5	9.0	12.0
MONTH	24.5	14.5	20.5	22.5	7.5	13.0	18.0	5.0	13.0	19.5	.5	8.5

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.5	14.0	16.0	14.5	13.0	13.5	21.5	16.5	19.0	23.0	19.5	21.5
2	17.5	15.0	16.0	18.5	14.0	16.0	19.5	13.5	16.5	22.0	20.5	21.0
3	14.5	10.5	12.0	18.5	13.5	16.0	19.0	11.5	15.5	22.0	20.0	21.0
4	11.5	9.5	10.5	19.5	13.5	16.5	21.5	14.0	18.0	22.0	17.0	19.5
5	9.5	6.5	7.5	19.0	16.0	17.5	22.0	16.0	19.0	21.5	16.0	19.0
6	7.5	6.5	7.0	17.5	12.5	15.0	21.5	16.5	19.0	22.5	16.5	19.5
7	10.0	6.0	8.0	17.0	11.0	14.0	22.0	15.0	18.0	24.0	18.5	21.5
8	9.5	5.5	7.5	19.0	12.5	15.5	20.5	15.0	17.5	22.5	20.0	21.0
9	9.5	4.0	6.5	19.5	15.5	17.5	18.0	12.0	15.0	21.5	18.5	20.0
10	10.0	4.5	7.0	19.0	14.0	16.5	18.0	11.0	14.5	22.5	20.0	21.5
11	10.5	6.5	8.5	17.0	13.0	15.0	20.0	12.0	16.0	24.5	20.5	22.5
12	10.5	5.5	7.5	19.5	15.5	17.0	21.0	15.0	18.0	26.0	22.0	24.0
13	9.5	4.5	6.5	19.0	12.5	16.0	19.5	17.5	18.5	26.0	22.0	24.0
14	9.0	5.5	7.0	20.0	14.0	17.0	19.5	17.5	18.5	26.5	22.0	24.5
15	10.0	5.0	7.5	19.0	15.5	17.5	21.0	17.5	19.0	26.5	22.5	24.5
16	9.5	4.0	6.5	15.0	12.5	13.0	22.0	17.5	19.5	27.0	23.0	25.0
17	11.0	5.0	8.0	16.5	12.5	14.0	23.0	16.0	20.0	24.5	21.5	23.0
18	12.0	6.5	9.0	16.0	10.5	13.0	24.5	18.0	21.0	24.0	19.5	21.5
19	12.5	9.0	10.5	15.5	8.0	11.5	24.5	18.0	21.0	23.5	19.0	21.5
20	15.5	11.5	13.0	17.0	9.0	13.0	24.0	18.5	21.5	23.0	20.0	21.5
21	14.5	9.0	12.0	14.0	13.5	13.5	25.0	19.0	22.0	25.5	21.5	23.5
22	15.5	11.5	13.5	13.0	12.0	12.5	24.0	18.0	21.5	24.5	22.0	23.0
23	18.0	14.0	16.0	18.0	11.0	14.5	24.0	19.5	22.0	25.0	21.5	23.0
24	19.0	15.0	17.0	18.5	14.0	16.0	23.5	20.0	22.0	25.0	21.0	23.0
25	19.0	17.0	17.5	18.0	12.0	15.0	25.0	20.0	22.5	24.0	19.5	22.0
26	18.0	17.0	17.5	18.5	10.5	14.5	24.0	18.0	21.5	24.0	19.0	21.5
27	19.5	17.0	18.0	19.5	12.5	16.0	23.5	20.5	22.0	25.0	19.0	22.0
28	19.0	14.0	16.5	21.0	16.0	18.5	24.5	20.5	22.5	24.5	20.5	22.5
29	---	---	---	23.5	17.5	20.0	25.0	21.0	23.0	24.5	21.0	22.5
30	---	---	---	24.0	18.0	21.0	24.0	20.0	22.5	25.5	22.0	23.5
31	---	---	---	23.5	18.5	21.0	---	---	---	26.5	22.0	24.0
MONTH	19.5	4.0	11.0	24.0	8.0	15.5	25.0	11.0	19.5	27.0	16.0	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	23.0	26.0	26.0	23.0	24.5	28.5	25.5	27.0	25.5	22.5	24.0
2	28.5	24.0	26.0	26.5	22.5	24.5	26.0	24.5	25.5	26.0	23.0	24.5
3	29.5	23.5	26.5	27.0	22.0	24.5	26.0	22.5	24.5	27.0	23.5	25.0
4	30.0	24.5	27.0	26.5	22.5	24.5	25.0	21.0	23.0	27.0	23.5	25.5
5	30.5	25.0	28.0	26.0	23.0	24.5	24.0	21.5	23.0	27.0	23.5	25.5
6	30.5	25.5	28.0	25.0	22.5	24.0	26.0	22.5	24.0	27.0	23.5	25.5
7	29.0	23.5	26.5	26.0	23.0	24.5	26.5	23.0	25.0	27.5	24.0	26.0
8	26.0	22.5	24.5	27.5	22.5	25.0	25.0	23.5	24.0	28.0	24.5	26.5
9	28.0	23.0	25.5	28.0	23.0	25.5	25.0	23.5	24.0	28.0	25.0	26.5
10	29.5	24.5	27.0	29.0	24.0	26.5	26.5	23.5	25.0	27.5	24.5	26.5
11	28.5	25.0	26.5	27.5	25.5	26.5	28.0	23.5	26.0	27.5	24.0	26.0
12	27.5	24.0	25.5	28.0	24.5	26.0	27.0	24.0	26.0	26.5	24.5	25.5
13	25.5	21.5	23.5	29.0	24.5	26.5	27.5	24.0	26.0	25.0	21.5	23.0
14	24.5	19.5	22.5	28.5	24.0	26.0	27.5	24.0	25.5	21.0	18.0	19.5
15	23.0	20.5	22.0	28.5	24.5	26.5	26.5	23.0	25.0	20.0	17.0	18.5
16	24.5	22.0	23.0	28.5	24.5	26.5	27.5	24.0	26.0	20.5	16.5	18.5
17	27.5	22.5	25.0	27.0	24.0	25.5	28.0	25.5	27.0	21.0	16.5	19.0
18	28.0	24.5	26.0	28.5	24.0	26.5	27.0	25.0	26.0	21.5	17.5	19.5
19	26.0	23.5	25.0	27.5	24.0	26.0	28.0	24.0	26.0	22.0	18.0	20.0
20	26.5	21.5	24.0	28.0	23.5	26.0	27.5	24.5	26.0	22.5	19.5	21.5
21	26.0	20.5	23.5	28.5	24.0	26.5	28.5	25.0	26.5	23.0	20.5	22.0
22	26.0	21.5	24.0	28.5	25.0	27.0	27.5	24.5	26.0	24.0	20.5	22.5
23	27.0	22.0	24.5	28.0	24.5	26.5	26.0	23.5	25.0	23.5	20.0	22.0
24	28.0	23.0	25.5	27.5	25.0	26.0	26.0	24.0	25.0	23.0	21.5	22.5
25	29.0	24.0	26.5	26.0	24.0	25.0	26.0	24.0	25.0	24.0	21.5	23.0
26	29.0	24.0	26.5	26.0	24.0	25.0	26.0	23.5	24.5	24.0	21.5	23.0
27	26.5	24.5	25.0	28.0	24.0	26.0	26.0	22.5	24.5	23.0	20.0	21.5
28	26.0	22.5	24.5	26.0	24.5	25.0	25.5	23.5	24.5	20.0	16.0	18.5
29	25.0	23.5	24.5	26.0	23.5	24.5	25.0	23.5	24.5	19.5	15.5	18.0
30	25.5	22.5	24.0	27.0	24.0	25.5	24.5	23.0	24.0	21.5	17.5	19.5
31	---	---	---	28.5	24.5	26.5	24.0	23.0	23.5	---	---	---
MONTH	30.5	19.5	25.0	29.0	22.0	25.5	28.5	21.0	25.0	28.0	15.5	22.5
YEAR	30.5	.5	18.5									

021973424 C-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'47", long 81°40'27", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C area, 0.5 mi north of SRP Road 3.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, May 28, 1984, gage height, 1.84 ft; minimum daily, 0.03 ft^3/s, Feb. 20, 26, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 5, gage height, 1.71 ft; minimum daily, 0.30 ft^3/s, Jul. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.2	2.0	1.8	1.0	2.1	1.3	1.2	2.7	.56	.44	.47
2	1.0	1.2	1.7	2.1	1.5	2.4	1.3	1.2	2.7	.63	.31	.57
3	1.0	1.5	1.6	3.1	1.5	2.0	1.3	1.2	2.1	.58	.47	.57
4	.64	1.1	1.6	2.4	1.2	2.2	1.3	1.6	1.3	.56	.33	.56
5	.71	1.3	1.7	2.5	3.5	1.9	1.3	1.4	1.3	.62	.46	.54
6	1.1	1.6	1.6	2.0	2.0	1.8	2.0	1.4	1.3	.73	.49	.58
7	1.0	1.4	1.7	2.0	1.3	1.8	1.3	1.3	1.9	.57	.50	.68
8	.85	1.2	2.1	2.1	1.4	1.8	1.3	1.3	1.6	.46	.56	.54
9	.90	1.2	1.5	1.9	1.3	2.2	1.4	1.3	1.3	.47	.69	.53
10	.84	1.4	1.4	2.1	2.1	1.9	1.4	1.3	1.3	.39	.42	.48
11	.59	1.3	1.5	2.3	1.5	2.0	1.4	1.5	1.6	.39	.78	.46
12	.74	1.2	1.5	2.3	1.6	2.1	1.3	1.3	1.3	.40	.47	.43
13	1.2	1.2	1.6	2.0	1.5	2.1	1.5	1.3	1.3	.77	.44	.49
14	1.1	1.3	1.6	2.0	1.4	1.8	1.2	1.2	1.4	.45	.42	.76
15	1.4	1.3	1.6	1.9	1.4	1.9	1.2	1.2	2.0	.47	.48	.39
16	.96	1.3	2.1	2.0	2.1	2.2	1.2	1.3	1.9	.62	.45	.41
17	.55	1.6	1.6	1.9	1.5	1.8	1.2	1.3	1.3	.46	.73	.40
18	.53	1.3	1.6	1.7	1.4	1.7	1.2	1.4	1.2	.42	.44	.40
19	.69	1.2	1.8	1.9	1.4	1.7	1.2	1.4	1.3	.44	.41	.42
20	1.1	1.2	1.7	1.8	1.5	1.6	1.4	1.3	1.3	.79	.42	.45
21	1.7	1.3	1.7	1.6	1.6	1.6	1.2	1.3	2.2	.45	.41	.41
22	1.2	1.3	2.4	1.6	1.8	1.5	1.2	1.5	2.4	.44	.56	.44
23	1.2	1.3	2.1	1.3	2.6	2.0	1.2	1.2	1.6	.42	.68	.45
24	1.1	1.6	2.1	1.3	2.4	1.5	1.2	1.2	.93	.43	.78	.39
25	1.2	1.4	2.0	1.3	2.1	1.5	1.2	1.2	.95	.62	.82	.39
26	1.2	1.4	2.2	1.3	1.8	1.6	1.2	1.3	.95	.36	.61	.42
27	1.6	1.4	2.3	1.6	1.8	1.7	1.4	1.3	.92	.53	.45	.42
28	1.4	1.6	2.2	1.2	2.0	1.6	1.2	1.3	.68	.39	.48	.62
29	1.3	1.6	2.1	1.1	---	1.4	1.2	1.7	1.1	.32	.38	.41
30	1.1	1.7	2.0	.97	---	1.6	1.2	1.3	.55	.30	.34	.41
31	1.1	---	2.0	1.0	---	1.3	---	2.0	---	.31	.46	---
TOTAL	32.30	40.6	56.6	56.07	48.2	56.3	38.9	41.7	44.38	15.35	15.68	14.49
MEAN	1.04	1.35	1.83	1.81	1.72	1.82	1.30	1.35	1.48	.50	.51	.48
MAX	1.7	1.7	2.4	3.1	3.5	2.4	2.0	2.0	2.7	.79	.82	.76
MIN	.53	1.1	1.4	.97	1.0	1.3	1.2	1.2	.55	.30	.31	.39

CAL YR 1984	TOTAL	485.46	MEAN	1.33	MAX	2.4	MIN	.03
WTR YR 1985	TOTAL	460.57	MEAN	1.26	MAX	3.5	MIN	.30

021973426 C-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20", long 81°40'25", Barnwell county, Hydrologic Unit 03060106, at Savannah River Plant, near left bank 100 ft downstream from SRP Road 3, 0.5 mi south of Area C, 0.6 mi west of junction of SRP Roads 3 and 5.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft^3/s, May 28, 1984, gage height, 5.10 ft; minimum daily, 25 ft^3/s, Oct. 9, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 500 ft^3/s, June 21, gage height, 4.98 ft; minimum daily, 25 ft^3/s, Oct. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	376	388	386	406	409	398	404	400	404	127	55	66
2	212	387	384	409	411	399	403	397	406	52	47	68
3	110	142	384	411	411	401	403	397	405	48	46	67
4	110	93	384	410	407	402	402	389	405	47	45	65
5	110	88	387	407	420	401	403	363	404	48	45	50
6	110	219	387	412	420	402	402	363	408	46	44	52
7	61	380	385	414	387	401	401	396	410	59	43	36
8	26	387	387	408	370	399	401	402	409	64	43	36
9	25	385	382	407	372	401	398	399	408	64	45	28
10	36	390	382	403	386	399	399	401	409	70	46	33
11	56	396	380	405	394	404	408	401	411	66	46	43
12	81	404	387	406	397	384	402	402	404	74	48	42
13	76	399	387	408	406	374	400	404	403	75	43	42
14	206	385	390	406	398	277	399	404	403	86	41	41
15	382	392	393	407	399	134	400	404	405	69	40	51
16	238	394	396	406	402	124	403	403	438	60	39	43
17	41	393	395	406	399	124	399	401	439	57	43	44
18	212	386	394	407	397	348	399	401	439	54	44	43
19	334	400	395	407	401	380	399	401	438	56	43	43
20	375	393	395	407	397	390	399	403	439	54	45	44
21	376	390	402	407	398	396	399	403	250	53	43	43
22	381	388	401	409	398	397	398	405	178	54	51	43
23	384	386	398	406	398	402	400	406	261	56	57	44
24	385	386	400	407	398	401	398	403	140	59	58	46
25	384	389	403	406	398	401	397	402	160	58	57	41
26	377	387	402	401	399	401	397	403	198	52	67	33
27	379	387	405	403	400	404	400	404	196	53	71	33
28	390	390	404	403	397	401	400	404	193	52	66	33
29	388	386	405	402	---	402	400	404	195	52	66	32
30	271	384	406	402	---	404	400	401	195	52	71	35
31	305	---	405	404	---	404	---	402	---	54	68	---
TOTAL	7197	10674	12191	12602	11169	11355	12013	12368	10253	1871	1566	1320
MEAN	232	356	393	407	399	366	400	399	342	60.4	50.5	44.0
MAX	390	404	406	414	420	404	408	406	439	127	71	68
MIN	25	88	380	401	370	124	397	363	140	46	39	28

CAL YR 1984	TOTAL	121144	MEAN	331	MAX	406	MIN	25
WTR YR 1985	TOTAL	104579	MEAN	287	MAX	439	MIN	25

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 72.3°C, Aug. 19, 21, 1984; minimum, 7.0°C, Feb. 8, 9, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 72.0°C, May 14, June 9, 10; minimum, 7.0°C, Feb. 8, 9.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	67.0	19.0	28.0	56.5	22.0	34.5	68.0	67.5	68.0	70.0	69.0	69.5
2	21.0	19.5	20.0	64.5	23.5	57.0	68.5	66.0	68.0	70.5	69.5	70.0
3	21.0	19.5	20.0	23.0	20.5	21.5	69.0	68.0	68.5	70.5	69.0	69.5
4	21.0	17.5	20.0	20.0	19.5	20.0	68.0	67.5	68.0	69.0	68.0	68.5
5	21.5	18.0	20.0	20.5	19.0	19.5	68.0	66.0	67.0	68.5	67.5	68.0
6	21.5	18.5	20.0	19.0	18.0	18.5	67.5	64.5	66.5	68.0	66.5	67.5
7	24.5	20.5	22.0	54.5	19.0	37.5	66.5	65.0	66.0	67.5	66.5	67.0
8	24.5	21.5	22.0	64.0	54.5	61.5	66.5	64.5	66.0	68.0	67.5	68.0
9	25.0	20.0	22.0	66.5	62.0	64.0	67.0	65.5	66.5	68.0	67.0	67.5
10	23.5	21.0	22.0	66.5	65.0	65.5	66.5	11.5	34.5	68.5	66.5	68.0
11	23.0	20.5	21.5	66.5	65.0	65.5	53.0	11.5	36.5	67.5	67.0	67.5
12	22.5	20.5	21.0	66.5	61.5	64.5	67.5	54.5	63.5	67.5	66.5	67.0
13	22.0	19.0	21.0	68.0	62.0	66.0	68.0	65.5	67.0	67.0	66.0	66.5
14	22.0	18.5	20.0	67.5	62.5	66.5	68.0	67.5	67.5	66.5	66.0	66.5
15	21.0	19.0	20.0	67.0	63.5	66.0	68.5	67.5	68.0	67.5	65.5	66.5
16	22.5	20.5	21.0	68.5	64.0	67.0	68.5	67.5	68.0	67.5	66.5	67.0
17	23.5	21.0	22.0	68.5	66.5	68.0	69.0	62.0	67.5	68.0	67.0	67.5
18	22.5	21.5	22.0	69.0	68.0	68.5	69.5	69.0	69.0	68.0	67.5	67.5
19	22.5	21.5	22.0	68.5	66.0	68.0	69.5	68.0	69.0	68.0	67.0	67.5
20	22.5	22.0	22.5	68.5	66.5	67.5	70.0	68.5	69.5	67.5	66.0	67.0
21	24.5	22.5	22.5	68.0	65.5	67.0	70.0	68.5	69.0	66.5	64.5	66.0
22	47.5	24.5	44.0	68.0	67.0	67.5	69.5	69.0	69.5	66.0	55.5	64.5
23	62.5	46.0	55.0	68.0	67.0	67.5	69.0	68.0	69.0	66.5	65.5	66.0
24	66.5	63.0	65.0	68.0	66.0	67.0	69.0	68.0	68.5	66.5	65.5	66.0
25	69.0	22.5	53.0	67.5	64.5	66.5	69.0	68.5	69.0	67.0	65.5	66.5
26	22.5	22.0	22.0	68.0	67.0	67.5	68.5	68.0	68.5	67.0	66.0	66.5
27	53.5	22.0	37.0	68.5	67.5	68.0	69.0	68.0	69.0	67.0	66.0	68.5
28	66.5	51.5	59.0	68.5	66.0	68.0	69.0	68.5	69.0	67.0	66.5	67.0
29	69.5	66.0	67.5	68.5	65.5	67.5	69.5	69.0	69.5	67.5	66.5	67.0
30	66.0	22.5	26.0	68.5	65.5	67.5	69.5	67.5	69.0	67.0	66.5	67.0
31	23.0	22.0	22.5	---	---	---	69.5	69.0	69.5	68.0	66.0	67.5
MONTH	69.5	17.5	29.0	69.0	18.0	57.5	70.0	11.5	66.5	70.5	55.5	66.0

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

	FEBRUARY			MARCH			APRIL			MAY		
1	68.5	67.0	68.0	68.5	68.0	68.5	70.5	66.0	70.0	71.0	65.0	70.0
2	68.5	68.0	68.5	69.0	68.0	68.5	70.5	69.5	70.5	70.0	67.0	69.5
3	68.0	67.0	67.5	69.0	68.0	68.5	70.5	69.0	69.5	70.0	68.5	69.0
4	68.5	67.0	68.0	69.0	68.0	68.5	70.0	69.0	69.5	69.0	18.5	47.0
5	67.0	63.5	66.0	69.5	67.5	69.0	69.5	68.0	69.0	18.5	18.0	18.0
6	66.5	63.5	66.0	68.5	66.5	68.5	70.0	68.5	69.5	47.5	18.0	23.5
7	66.5	8.0	28.5	68.5	66.5	68.0	70.0	69.5	69.5	69.5	47.5	66.0
8	7.5	7.0	7.5	69.0	68.0	68.5	70.0	69.0	69.5	69.5	68.5	69.0
9	40.0	7.0	18.5	69.0	68.5	68.5	69.5	68.5	69.0	70.5	66.0	69.0
10	64.5	39.5	53.0	69.0	68.5	68.5	69.5	68.5	69.0	71.0	70.0	70.5
11	65.0	62.0	64.5	69.0	66.5	68.0	69.5	67.5	68.5	71.0	70.0	70.5
12	65.5	64.5	65.0	68.5	14.0	52.5	70.0	67.0	69.0	71.0	70.0	70.5
13	65.5	63.5	64.5	14.0	13.0	13.5	70.0	69.5	69.5	71.5	70.5	71.0
14	65.5	56.5	62.5	14.5	13.5	14.0	70.0	69.5	70.0	72.0	70.5	71.0
15	66.0	63.5	65.0	15.0	13.5	14.0	70.5	65.0	69.5	71.5	70.5	71.0
16	65.5	62.0	64.0	13.5	13.0	13.5	70.5	66.5	69.5	71.5	71.0	71.5
17	65.5	64.0	65.0	13.5	12.5	13.0	70.0	69.0	69.5	71.0	70.5	70.5
18	66.0	65.0	65.5	17.0	12.0	12.5	70.5	68.5	69.5	71.0	70.0	70.5
19	66.0	63.0	65.5	62.5	23.0	45.0	70.5	68.0	70.0	71.0	70.5	70.5
20	67.0	65.0	65.0	64.0	57.0	61.5	71.0	69.5	70.5	70.5	70.5	70.5
21	67.0	65.0	66.5	66.0	60.5	63.0	70.5	70.0	70.5	71.5	67.5	70.5
22	67.5	62.0	66.5	67.0	63.5	66.0	71.5	68.5	70.5	71.0	68.0	70.0
23	68.0	65.5	67.0	67.5	66.0	67.0	71.5	70.5	71.0	71.0	69.5	70.5
24	68.5	67.5	68.0	69.0	63.0	67.0	71.0	70.5	71.0	70.5	69.5	70.5
25	69.0	68.0	68.5	69.0	62.5	68.0	71.0	66.0	70.5	70.5	70.0	70.5
26	68.5	63.5	68.0	69.0	68.5	69.0	71.5	66.0	70.5	70.5	70.0	70.5
27	69.0	68.0	68.5	69.5	68.5	69.0	71.5	71.0	71.0	70.5	70.0	70.0
28	69.0	68.0	68.5	70.5	69.5	70.0	71.5	71.0	71.0	70.5	70.0	70.5
29	---	---	---	70.5	67.5	70.0	71.5	71.0	71.0	71.0	66.5	70.5
30	---	---	---	70.5	69.5	70.0	71.0	70	71.0	70.5	68.0	70.0
31	---	---	---	70.5	69.5	70.0	---	---	---	70.5	67.5	70.0
MONTH	69.0	7.0	60.5	70.5	12.0	56.0	71.5	65.0	70	72.0	18.0	66.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	71.5	70.5	71.0	25.0	22.5	23.5	27.0	24.0	25.5	24.0	20.0	22.5
2	71.5	70.5	71.0	26.0	23.0	24.0	26.0	24.0	25.0	23.5	20.0	22.5
3	71.5	68.0	71.0	26.5	23.0	24.5	26.5	23.0	24.0	24.0	20.0	22.5
4	72.0	70.5	71.5	27.0	23.0	24.5	26.5	22.5	24.0	23.5	20.0	22.0
5	72.0	67.5	71.0	26.5	23.5	24.5	25.0	22.5	23.5	23.0	20.0	21.0
6	72.0	67.5	71.5	26.0	23.5	24.5	26.0	23.0	24.0	22.5	20.0	21.0
7	71.5	66.0	70.0	25.5	23.0	24.0	26.0	23.0	24.0	30.0	20.5	23.5
8	71.5	70.5	71.0	25.5	23.0	24.0	25.0	23.5	24.0	28.5	20.5	22.5
9	72.0	67.0	71.0	26.0	23.0	24.0	25.5	23.5	24.0	29.5	20.5	23.5
10	72.0	71.0	71.5	26.5	23.5	25.0	27.0	23.5	24.5	29.5	21.0	23.5
11	71.5	69.0	71.0	26.5	24.5	25.0	27.0	23.5	25.0	28.5	20.5	22.5
12	71.5	69.5	71.0	26.0	24.5	25.0	27.0	24.0	25.0	23.5	20.5	21.5
13	71.0	70.5	71.0	26.5	24.0	25.0	27.5	23.5	25.0	24.0	20.0	22.0
14	71.5	70.0	70.5	26.5	24.0	25.0	28.0	24.0	25.5	24.0	20.5	22.0
15	70.5	66.0	69.5	27.5	24.0	25.0	28.0	24.0	25.5	23.0	20.0	21.0
16	70.5	68.0	70.0	27.0	24.0	25.0	28.5	24.5	26.0	23.5	19.5	20.5
17	71.0	67.0	70.0	27.0	24.5	25.5	27.5	25.0	26.0	23.0	19.0	20.5
18	71.0	65.5	70.0	28.0	24.5	25.5	27.0	24.5	25.5	23.5	19.0	20.5
19	70.5	69.5	70.0	27.5	24.5	25.5	28.0	24.0	25.5	23.5	19.5	21.0
20	70.0	67.5	69.5	27.5	24.0	25.5	28.0	24.5	25.5	23.5	20.0	21.5
21	25.5	23.0	23.5	27.5	24.5	25.5	28.5	24.5	25.5	23.0	21.0	22.0
22	24.0	22.5	23.0	28.0	24.5	25.5	27.0	24.5	25.5	23.5	20.0	21.5
23	24.5	22.5	23.0	27.0	24.0	25.0	26.5	24.0	25.0	24.0	20.0	22.0
24	24.5	22.5	23.5	27.0	24.5	25.0	26.0	24.0	25.0	23.5	20.0	22.0
25	24.5	23.0	23.5	26.0	24.0	25.0	27.0	24.0	24.5	23.5	20.0	22.0
26	24.5	23.0	23.5	26.0	24.0	24.5	24.5	20.0	23.0	24.0	20.5	22.0
27	24.0	23.5	23.5	26.5	23.5	24.5	24.0	20.0	22.5	24.0	20.5	22.0
28	23.5	23.0	23.5	26.0	23.5	24.5	24.0	20.0	22.5	23.5	19.5	21.0
29	23.5	23.0	23.5	25.5	23.5	24.0	24.0	20.0	22.5	24.0	19.0	21.0
30	23.0	22.5	23.0	26.5	23.5	24.5	24.0	20.0	23.0	24.0	20.0	21.5
31	---	---	---	27.0	23.5	25.0	23.5	22.5	23.0	---	---	---
MONTH	72.0	22.5	55.0	28.0	22.5	25.0	28.5	20.0	24.5	30.0	19.0	22.0
YEAR	72.0	7.0	50.0									

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lar 33°11'21", long 81°43'26", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream side of bridge on SRP Road A-12.2, 500 ft northwest of SRP Road A-13, 1.0 mi southeast of Area D.

DRAINAGE AREA.--22.0 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 903 ft^3/s, Mar. 13, 1980, gage height, 3.93 ft; minimum daily, 28 ft^3/s, July 4, 5, 6, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 621 ft^3/s, Feb. 6, gage height, 3.69 ft; minimum daily, 40 ft^3/s, Sept. 9, 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	426	391	394	396	398	384	375	387	399	180	74	88
2	297	384	393	396	430	387	376	388	402	64	79	90
3	147	213	402	449	414	382	377	395	401	57	64	87
4	144	122	395	435	398	383	380	397	398	53	58	89
5	145	116	407	407	457	384	377	398	400	57	58	65
6	142	198	404	400	547	385	399	396	401	73	59	62
7	106	380	399	403	423	387	386	392	422	71	54	56
8	43	378	399	396	407	387	383	391	449	74	60	45
9	41	378	393	392	401	389	383	393	406	72	72	40
10	47	377	399	392	394	385	383	393	399	76	79	40
11	73	389	403	392	390	389	390	394	408	73	62	49
12	104	390	396	391	394	387	388	393	408	80	61	51
13	100	383	393	393	393	398	388	393	402	83	57	50
14	174	379	394	393	390	344	388	392	400	98	52	49
15	394	380	394	393	387	168	387	394	411	87	51	58
16	312	384	396	392	388	160	386	395	438	69	49	49
17	61	382	395	395	385	163	385	392	420	88	52	54
18	207	380	394	394	382	336	386	392	407	69	54	51
19	354	390	397	393	386	382	388	392	410	64	53	51
20	380	387	395	392	389	374	389	394	408	64	54	51
21	385	385	397	393	386	380	387	395	309	61	53	52
22	386	385	398	395	386	382	386	408	198	69	58	53
23	384	385	395	394	388	378	387	412	245	69	68	53
24	381	388	396	393	385	371	387	400	203	71	69	55
25	380	389	400	394	384	372	386	395	158	85	86	55
26	386	390	396	390	389	372	387	394	222	96	86	43
27	386	390	397	390	394	375	388	395	217	73	92	43
28	389	401	397	392	383	374	389	395	213	78	81	44
29	387	396	396	392	---	374	386	412	217	83	86	42
30	325	393	397	391	---	376	386	415	234	72	100	45
31	285	---	397	397	---	375	---	402	---	74	95	---
TOTAL	7771	10683	12308	12315	11248	11083	11563	12284	10405	2383	2076	1660
MEAN	251	356	397	397	402	358	385	396	347	76.9	67.0	55.3
MAX	426	401	407	449	547	398	399	415	449	180	100	90
MIN	41	116	393	390	382	160	375	387	158	53	49	40

CAL YR 1984	TOTAL	131265	MEAN	359	MAX	651	MIN	41
WTR YR 1985	TOTAL	105779	MEAN	290	MAX	547	MIN	40

02197345 K-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'40", long 81°40'28", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRP Road B, 0.5 mi west of K-Area.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 527 ft^3/s, Mar. 14, 1984, gage height, 3.41 ft; minimum daily, 34 ft^3/s, Nov. 16, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 520 ft^3/s, Apr. 3 and Sept. 26, gage height, 3.40 ft; minimum daily, 34 ft^3/s, Nov. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	296	294	36	455	455	458	458	465	463	428	465	466
2	98	181	52	457	469	455	465	461	467	429	468	471
3	148	191	73	459	471	454	472	438	470	444	467	461
4	175	191	140	454	383	453	434	185	465	469	475	462
5	324	123	145	318	218	461	442	149	469	466	353	465
6	435	64	164	212	187	460	459	155	466	465	142	465
7	430	59	191	168	148	456	459	326	472	456	144	468
8	439	58	224	160	138	455	457	445	476	458	137	469
9	455	62	414	159	424	456	466	467	474	461	347	353
10	454	62	419	393	427	455	464	468	467	463	422	178
11	460	53	422	427	399	271	242	468	465	461	428	164
12	459	63	437	430	413	91	114	471	467	459	440	159
13	468	73	445	436	438	108	115	471	468	462	453	163
14	464	50	451	450	452	330	115	470	470	470	464	366
15	461	50	456	454	451	432	136	469	479	456	460	424
16	384	34	461	452	451	446	434	472	476	196	463	438
17	155	36	462	454	451	452	440	467	321	393	463	447
18	126	154	461	455	450	454	455	465	146	456	465	443
19	356	120	460	455	453	457	458	469	144	472	462	459
20	450	116	458	454	451	456	472	304	120	478	463	469
21	460	112	454	460	450	257	469	97	76	464	463	468
22	461	79	452	463	452	154	464	116	62	462	464	463
23	464	76	451	458	453	164	439	298	62	464	464	471
24	465	73	455	456	451	429	446	445	57	467	464	465
25	463	71	456	451	455	444	459	480	51	466	466	464
26	456	67	457	446	452	455	464	480	85	463	462	477
27	436	38	456	447	451	458	465	474	113	465	471	470
28	454	40	456	449	450	456	468	471	93	474	471	460
29	461	37	454	449	---	458	468	472	118	466	472	465
30	469	36	455	451	---	460	470	469	418	465	468	470
31	462	---	456	450	---	461	---	464	---	468	465	---
TOTAL	12088	2663	11373	12682	11343	12256	12169	12351	9380	13966	13111	12463
MEAN	390	88.8	367	409	405	395	406	398	313	451	423	415
MAX	469	294	462	463	471	461	472	480	479	478	475	477
MIN	98	34	36	159	138	91	114	97	51	196	137	159

CAL YR 1984	TOTAL	137551	MEAN	376	MAX	497	MIN	34
WTR YR 1985	TOTAL	135845	MEAN	372	MAX	480	MIN	34

02197345 K-011 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 70.0°C, Jun. 11, Sept. 6, 1985; minimum 6.5°C, Feb. 9, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 70.0°C Jun. 11, Sept. 6; minimum, 6.5°C, Feb. 9.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	67.0	20.5	33.5	67.5	23.0	27.0	---	---	---	65.0	62.0	64.5
2	21.5	20.5	21.0	23.0	22.5	23.0	---	---	---	65.0	64.5	65.0
3	20.5	20.0	20.0	22.5	20.5	21.5	15.5	14.5	15.0	65.0	63.5	64.0
4	20.5	19.5	20.0	20.5	19.5	20.0	14.5	14.5	14.5	64.5	63.5	64.0
5	21.0	20.0	20.5	22.5	19.5	20.5	14.5	14.0	14.0	63.5	12.5	25.0
6	21.0	20.5	21.0	20.5	18.0	19.0	14.0	12.5	13.5	12.5	11.5	12.0
7	21.5	21.0	21.5	19.0	17.5	18.0	12.5	11.5	12.0	11.5	11.0	11.0
8	63.5	21.5	34.5	18.5	17.0	17.5	11.5	11.5	11.5	11.0	10.5	11.0
9	64.5	63.0	64.0	18.0	16.5	17.0	11.5	11.0	11.5	11.0	10.0	10.5
10	66.5	64.0	65.0	18.5	16.5	17.0	12.0	11.5	11.5	11.0	10.5	10.5
11	67.0	64.5	66.5	18.0	17.0	17.5	35.5	12.0	20.0	10.5	10.0	10.5
12	67.5	67.0	67.0	17.5	16.0	17.0	45.5	36.5	44.0	10.5	10.0	10.5
13	67.0	65.0	66.0	17.0	16.0	16.5	58.5	45.5	53.5	39.5	11.5	23.5
14	67.5	65.5	67.0	17.0	15.5	16.0	61.0	58.0	59.5	56.5	39.5	50.5
15	67.5	67.0	67.0	16.5	15.0	16.0	61.0	60.0	60.5	58.5	56.0	57.5
16	67.5	22.5	46.0	17.0	16.0	16.5	61.0	60.0	60.5	59.5	57.5	59.0
17	23.0	22.5	22.5	17.0	15.5	16.0	61.5	60.0	61.0	59.5	59.0	59.5
18	23.0	22.5	23.0	16.5	15.5	16.0	62.0	60.5	61.5	60.0	58.0	59.5
19	32.5	22.5	24.0	17.0	16.5	17.0	62.5	61.6	62.0	60.5	59.5	60.0
20	65.0	32.5	56.0	17.0	15.5	16.5	63.5	62.0	62.5	60.5	58.5	60.0
21	67.5	65.0	66.5	15.5	15.0	15.0	63.5	61.5	63.0	58.5	57.5	58.5
22	68.0	67.0	67.5	15.0	14.0	14.5	64.0	62.5	63.0	58.0	57.0	58.0
23	67.5	67.0	67.5	14.5	13.5	14.0	63.5	63.5	63.5	59.5	56.5	58.5
24	67.5	67.0	67.5	---	---	---	63.5	63.0	63.5	60.0	57.5	59.5
25	67.5	67.0	67.5	---	---	---	64.0	62.0	63.5	61.5	59.5	60.5
26	67.0	23.5	52.5	---	---	---	63.5	61.0	63.5	61.5	61.0	61.0
27	33.0	23.0	26.0	---	---	---	64.0	63.5	63.5	61.5	61.0	61.5
28	67.0	48.0	61.0	---	---	---	64.0	63.5	64.0	62.0	60.5	61.5
29	67.5	67.0	67.0	---	---	---	64.5	62.5	64.0	62.5	61.5	62.0
30	67.5	64.5	66.5	---	---	---	64.5	63.5	64.0	62.5	62.0	62.0
31	68.0	66.0	67.5	---	---	---	64.5	61.5	64.0	63.0	61.5	62.5
MONTH	68.0	19.5	48.5	67.5	13.5	18.0	64.5	11.0	47.0	65.0	10.0	47.0

02197345 K-011, AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	63.5	61.5	62.5	64.0	62.5	63.5	65.5	64.0	65.0	67.0	63.5	65.5
2	62.0	61.0	61.5	64.5	63.0	63.5	---	---	---	68.0	66.0	67.0
3	61.5	61.0	61.0	64.5	64.0	64.0	65.5	16.5	48.0	67.5	20.5	50.0
4	61.5	10.5	26.0	65.0	63.5	64.5	17.0	15.5	16.0	21.0	19.5	20.5
5	10.5	10.0	10.5	64.5	63.0	64.0	58.5	21.0	39.5	20.0	19.0	19.5
6	10.0	9.0	9.5	64.0	62.0	63.5	65.5	60.0	64.0	20.0	19.0	19.5
7	8.5	7.5	8.0	64.0	62.0	63.5	66.5	62.0	65.5	20.0	19.5	20.0
8	8.0	7.0	7.5	64.0	59.5	63.0	66.5	64.5	65.5	59.5	20.0	42.0
9	7.5	6.5	7.0	64.5	63.5	64.0	65.5	64.5	65.0	66.0	59.5	64.0
10	17.5	7.0	10.0	64.5	62.0	64.0	65.5	64.0	65.0	66.5	66.0	66.5
11	17.0	7.5	9.0	64.5	12.0	30.5	20.0	13.5	16.0	67.0	66.0	66.5
12	29.5	8.0	14.0	15.5	12.5	14.0	16.0	14.0	15.5	66.5	66.0	66.5
13	55.0	29.5	40.0	14.0	13.0	13.5	16.0	14.5	15.0	67.5	66.0	66.5
14	59.0	54.5	56.5	13.5	12.0	13.0	16.5	14.5	15.0	67.5	66.5	67.0
15	60.5	58.0	59.5	30.5	13.5	19.5	16.5	14.5	15.5	68.0	67.0	67.5
16	60.0	59.5	60.0	57.0	39.5	47.5	17.5	13.5	15.0	68.0	66.5	67.5
17	61.0	60.0	60.5	61.5	54.5	58.0	55.0	17.0	34.0	68.0	66.5	67.5
18	62.0	60.5	61.0	61.5	58.0	60.0	64.0	55.5	59.0	68.0	67.0	67.5
19	61.5	60.0	61.0	61.5	59.5	60.5	65.0	62.5	64.5	68.0	66.5	67.5
20	62.5	58.0	61.5	62.0	60.0	61.0	64.5	58.0	63.5	68.0	22.5	35.5
21	63.0	60.5	62.0	62.0	12.0	21.0	65.0	64.0	64.5	23.5	22.0	23.0
22	63.0	62.0	62.5	12.0	11.5	12.0	66.0	63.5	65.0	23.0	22.0	22.5
23	63.5	62.5	63.0	12.0	10.5	11.5	65.0	18.0	22.0	22.5	22.0	22.0
24	63.5	62.5	63.0	27.5	11.5	14.0	59.0	18.5	39.0	58.0	22.0	34.0
25	64.0	61.0	63.0	59.0	34.5	48.5	64.5	60.0	63.0	65.0	58.0	62.5
26	64.5	61.5	63.5	62.0	40.0	59.0	66.5	63.0	65.0	66.0	64.5	65.0
27	64.5	63.5	64.0	63.0	55.5	60.5	66.0	62.5	65.0	67.0	66.0	66.5
28	64.5	63.0	64.0	64.0	60.5	62.5	66.5	63.5	65.0	67.0	66.5	67.0
29	---	---	---	66.0	54.0	62.5	66.5	61.0	64.0	67.5	65.5	67.0
30	---	---	---	65.0	59.5	63.0	66.5	63.5	65.0	68.0	67.0	67.5
31	---	---	---	68.0	58.5	63.5	---	---	---	69.0	67.5	68.0
MONTH	64.5	6.5	44.5	68.0	10.5	48.5	66.5	13.5	48.0	69.0	19.0	53.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	69.0	68.0	68.5	22.5	22.0	22.5	69.0	67.5	68.5	68.0	66.5	68.0
2	69.0	68.0	68.5	46.0	22.0	26.0	68.0	67.5	68.0	68.5	67.0	68.0
3	69.5	68.0	68.5	48.0	40.0	46.0	68.5	67.5	68.0	69.5	68.0	69.0
4	69.5	68.5	69.5	62.5	46.5	58.0	67.5	66.5	67.0	69.5	65.5	69.0
5	69.5	69.0	69.5	64.0	62.0	63.0	66.5	24.5	36.5	69.5	69.0	69.5
6	69.5	68.5	69.0	64.5	63.5	64.0	25.5	24.0	25.0	70.0	68.5	69.0
7	69.0	66.5	68.5	65.0	64.5	65.0	25.5	24.5	25.0	69.0	68.5	68.5
8	68.5	67.5	68.0	66.0	65.0	65.5	25.0	24.5	25.0	69.0	68.5	68.5
9	69.0	68.0	68.5	66.0	65.5	66.0	24.5	23.5	24.0	69.0	26.0	39.5
10	69.5	68.5	69.0	67.0	64.5	66.5	24.0	23.5	24.0	26.0	25.0	25.5
11	70.0	68.0	69.0	68.0	67.0	67.5	25.0	23.5	24.5	26.0	25.0	25.5
12	68.5	67.5	68.0	68.0	67.0	67.5	46.5	24.5	30.0	25.5	24.0	25.0
13	68.5	67.5	68.0	68.0	66.5	67.5	66.5	46.5	59.5	24.0	22.0	23.0
14	68.5	67.0	67.5	68.0	65.0	67.0	67.5	66.5	66.5	22.0	21.0	21.0
15	67.0	66.0	66.5	68.5	25.0	48.5	67.5	66.5	67.0	20.5	19.5	20.0
16	67.5	66.0	67.0	26.0	25.0	25.5	68.0	66.5	67.5	19.5	19.0	19.5
17	67.0	24.0	36.0	48.5	25.0	27.5	68.0	67.0	67.5	27.5	19.0	20.0
18	25.0	24.0	24.5	66.0	49.5	59.5	68.0	67.0	67.5	47.0	27.5	44.0
19	24.0	23.0	24.0	68.0	65.5	66.5	69.0	67.5	68.5	64.0	46.5	60.5
20	24.5	23.0	23.5	68.5	65.5	66.5	68.5	68.0	68.5	64.0	62.0	63.5
21	25.0	23.0	24.0	68.5	68.0	68.5	69.0	67.0	68.5	64.5	63.5	64.0
22	25.0	23.0	24.0	68.5	67.5	68.5	69.0	68.0	68.5	65.0	64.0	64.5
23	24.5	23.0	23.5	69.0	68.0	68.5	68.5	66.5	68.0	65.0	63.0	64.5
24	25.0	23.0	24.0	68.5	68.0	68.5	68.5	68.0	68.5	65.5	64.0	64.5
25	25.0	23.5	24.0	68.0	67.5	68.0	68.5	66.5	68.0	65.5	64.5	65.0
26	25.0	23.0	24.0	68.0	66.5	68.0	68.5	68.0	68.0	65.5	61.0	64.0
27	24.0	23.0	23.5	68.5	68.0	68.0	69.0	67.0	68.0	65.5	62.5	64.0
28	23.5	22.5	23.5	67.5	66.5	67.0	69.5	66.0	68.0	65.0	64.5	65.0
29	24.0	22.5	23.5	68.0	66.5	68.0	69.0	67.0	67.5	65.0	63.5	64.5
30	22.5	22.0	22.5	68.5	67.0	68.0	68.0	68.0	68.0	64.5	62.5	63.5
31	---	---	---	68.5	66.0	68.0	68.0	66.5	67.5	---	---	---
MONTH	70.0	22.0	48.5	69.0	22.0	60.0	69.5	23.5	57.0	70.0	19.0	52.5
YEAR	70.0	6.5	48.0									

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12", long 81°38'51", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream wingwall of culvert on SRP Road B, 1.2 mi west of SRP Road 7, 1.9 mi above Indian Grave Branch.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 160 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Some regulation by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, May 28, 1984, gage height, 5.31 ft; minimum daily, 1.1 ft^3/s, Sept. 10, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Feb. 6, gage height, 4.34 ft; minimum daily, 1.1 ft^3/s, Sept. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	4.6	4.7	4.4	6.1	6.5	4.8	1.9	3.0	3.5	3.1	3.6
2	5.0	4.3	5.2	4.3	12	7.3	5.0	2.1	2.6	2.5	5.2	3.5
3	4.1	7.6	8.3	23	7.4	6.5	5.1	3.6	2.7	2.3	3.1	2.7
4	4.1	5.3	5.9	25	6.0	6.8	8.1	2.7	2.4	2.2	2.4	2.1
5	4.1	4.8	11	11	56	6.3	5.1	1.9	2.2	2.6	18	2.1
6	4.2	4.8	9.2	6.4	99	6.2	11	1.8	2.1	4.6	1.3	2.1
7	4.0	4.5	6.3	6.1	18	6.2	6.3	1.7	6.5	3.1	1.2	2.1
8	4.0	4.5	5.7	5.5	12	6.1	4.7	2.3	15	2.6	2.0	2.1
9	3.8	4.7	5.3	5.0	10	6.4	4.7	2.7	3.8	2.2	2.7	1.7
10	3.9	4.8	5.2	5.2	8.9	6.5	4.9	2.9	1.6	2.1	2.8	1.1
11	3.9	5.7	5.3	5.6	8.4	5.7	4.8	2.9	2.1	1.9	2.4	1.2
12	3.9	5.1	5.2	5.3	10	5.3	4.2	2.8	3.8	2.1	2.1	1.2
13	3.9	4.8	5.2	5.3	8.3	5.0	3.8	2.6	2.8	2.1	2.2	1.2
14	3.8	4.7	5.1	5.2	7.9	4.9	4.0	2.5	2.2	2.2	1.8	1.5
15	3.8	4.8	5.0	5.4	7.5	5.6	4.0	2.7	7.6	1.9	1.8	1.8
16	3.9	4.9	5.0	5.2	7.5	6.4	4.5	2.6	24	1.9	1.9	2.0
17	3.8	4.9	5.1	6.1	7.4	10	4.3	2.5	9.1	4.7	1.9	2.0
18	4.6	4.9	5.0	6.0	6.8	6.8	5.1	2.4	5.9	2.6	2.0	1.9
19	4.3	5.1	4.9	5.6	6.9	5.8	3.9	2.4	2.0	2.1	1.9	1.9
20	4.0	5.0	4.9	5.2	9.5	5.6	3.5	2.3	1.7	1.9	1.8	1.9
21	4.1	4.9	4.7	4.5	8.1	7.0	3.4	2.4	2.2	1.9	1.6	1.9
22	4.2	4.6	4.7	4.8	7.0	9.1	3.1	4.7	2.3	1.9	1.6	2.0
23	4.2	4.7	4.6	5.1	6.9	6.2	3.0	6.2	2.2	2.5	1.5	2.0
24	4.1	4.8	4.5	5.4	6.7	5.9	3.2	2.6	2.1	2.2	1.9	2.1
25	4.1	4.8	4.5	5.5	6.6	21	3.2	2.6	2.1	3.5	3.3	2.2
26	3.9	4.8	4.4	5.2	7.8	5.9	2.3	2.6	2.2	3.9	3.8	2.2
27	3.9	4.9	4.4	4.9	12	5.3	1.8	2.5	2.4	2.8	2.5	1.9
28	4.5	7.5	4.4	5.3	8.0	4.6	1.8	2.4	2.2	2.7	2.1	1.9
29	6.8	6.1	4.5	5.2	---	4.6	1.9	3.9	2.6	3.8	2.3	2.0
30	5.2	4.6	4.5	5.1	---	5.0	2.0	5.9	6.4	3.3	3.3	2.0
31	4.9	---	4.3	6.7	---	4.8	---	3.6	---	2.7	4.4	---
TOTAL	139.0	151.5	167.0	208.5	378.7	205.3	127.5	88.7	129.8	82.3	89.9	59.9
MEAN	4.48	5.05	5.39	6.73	13.5	6.62	4.25	2.86	4.33	2.65	2.90	2.00
MAX	12	7.6	11	25	99	21	11	6.2	24	4.7	18	3.6
MIN	3.8	4.3	4.3	4.3	6.0	4.6	1.8	1.7	1.6	1.9	1.2	1.1

CAL YR 1984	TOTAL	4894.6	MEAN	13.4	MAX	176	MIN	3.8
WTR YR 1985	TOTAL	1828.1	MEAN	5.01	MAX	99	MIN	1.1

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTTION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 27.3°C July 17, 1984; minimum, 1.5°C Jan. 21, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 26.5°C June 5, 6 and July 16; minimum, 1.5°C Jan. 21.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.5	10.5	12.5	15.0	13.5	14.0	20.0	16.0	18.0	21.5	17.5	19.5
2	16.0	13.5	14.5	16.5	14.0	15.0	18.5	13.5	16.0	20.5	19.0	20.0
3	13.5	10.5	12.0	17.0	13.0	15.0	18.5	12.0	15.0	21.0	19.0	20.0
4	11.0	9.0	10.0	18.0	13.5	15.5	20.0	14.0	16.0	20.0	16.5	18.5
5	9.0	7.0	7.5	18.0	15.5	16.5	20.0	14.5	17.5	20.0	15.0	17.5
6	8.0	7.5	7.5	16.5	12.5	14.5	19.0	16.5	17.5	20.5	15.5	18.0
7	8.5	6.5	7.5	16.0	12.0	14.0	20.0	15.5	17.5	21.5	17.0	19.5
8	8.0	6.0	7.0	17.5	12.5	15.0	18.5	14.5	16.0	20.0	18.5	19.5
9	8.5	5.5	7.0	18.0	14.5	16.5	17.0	12.5	14.5	20.5	18.0	19.0
10	8.5	4.5	6.5	17.5	14.0	15.5	16.5	11.5	14.0	21.0	19.0	20.0
11	8.5	5.5	7.0	16.5	13.0	15.0	18.0	11.5	14.5	22.5	19.5	21.0
12	8.5	5.5	6.5	18.0	14.5	16.0	18.0	13.0	16.0	23.0	21.0	22.0
13	7.0	4.0	5.5	17.5	12.0	15.0	17.5	16.0	16.5	23.0	20.5	22.0
14	7.0	4.5	6.0	18.5	13.5	16.0	18.0	16.5	17.0	23.0	20.0	21.5
15	8.0	4.5	6.5	17.5	14.5	16.5	19.0	16.5	17.5	24.0	20.5	22.5
16	8.5	4.5	6.5	14.5	12.5	13.5	19.5	16.5	18.0	23.5	21.0	22.0
17	9.5	5.5	7.5	15.5	13.0	14.0	21.0	15.5	18.0	22.0	20.0	21.0
18	10.0	6.0	8.0	15.5	10.5	13.0	21.5	17.0	19.0	21.5	18.5	20.0
19	11.0	7.5	9.0	15.0	9.0	12.0	21.5	16.5	19.0	21.5	17.5	19.5
20	13.0	10.0	11.5	16.0	9.5	13.0	21.5	16.5	19.0	21.5	18.5	20.0
21	13.0	9.5	11.5	13.5	13.0	13.5	22.0	17.0	19.5	23.0	20.0	21.5
22	13.5	10.5	12.0	13.0	11.5	12.0	22.0	16.5	19.5	22.5	20.5	21.0
23	15.0	12.0	13.5	16.5	11.0	13.0	21.5	18.0	20.0	23.0	21.0	22.0
24	16.0	13.0	14.5	16.5	13.0	14.5	22.0	19.0	20.0	22.0	19.5	21.0
25	17.5	15.0	16.0	16.5	12.0	14.0	22.5	19.0	20.5	21.5	18.0	20.0
26	16.5	16.0	16.0	16.0	10.5	13.5	22.0	16.5	19.5	21.5	18.0	20.0
27	18.0	16.0	16.5	17.0	11.5	14.5	21.5	18.5	20.0	22.0	17.5	20.0
28	17.0	14.5	16.0	19.0	15.0	17.0	22.5	19.5	21.0	22.0	18.5	20.5
29	---	---	---	21.0	16.5	18.5	22.5	19.5	21.0	22.5	19.5	21.0
30	---	---	---	22.0	17.0	19.0	21.5	18.5	20.0	23.0	21.0	22.0
31	---	---	---	21.5	17.0	19.0	---	---	---	23.5	21.0	22.5
MONTH	18.0	4.0	10.0	22.0	9.0	15.0	22.5	11.5	18.0	24.0	15.0	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.0	22.0	23.5	24.0	22.0	23.0	26.0	24.0	24.5	23.5	22.0	23.0
2	25.5	22.0	23.5	24.0	21.5	23.0	24.5	23.5	24.0	24.5	22.5	23.5
3	25.5	22.0	24.0	24.0	20.5	22.5	24.0	21.5	23.0	24.5	22.5	23.5
4	26.0	22.5	24.5	24.0	21.0	22.5	23.5	20.0	22.0	24.5	22.5	23.5
5	26.5	23.0	24.5	24.0	21.5	22.5	23.0	20.5	22.0	25.5	22.0	23.5
6	26.5	23.5	25.0	24.0	22.5	23.0	24.0	22.0	23.0	25.0	22.0	23.5
7	25.5	22.5	24.0	24.0	22.5	23.0	24.5	22.0	23.0	25.0	22.5	23.5
8	24.0	22.5	23.5	25.0	22.0	23.5	23.5	22.5	23.0	25.0	22.5	24.0
9	25.0	21.5	23.5	25.0	21.5	23.5	24.0	23.0	23.5	26.0	23.0	24.5
10	25.0	22.0	23.5	25.5	22.5	24.0	24.5	22.5	23.5	26.0	23.0	24.5
11	24.5	22.5	23.5	25.0	23.5	24.0	25.0	22.5	24.0	26.0	23.0	24.5
12	25.0	23.0	23.5	25.0	22.5	24.0	24.5	22.5	23.5	24.5	23.0	24.0
13	23.0	20.5	21.5	26.0	22.5	24.0	25.0	22.0	23.5	23.0	20.0	21.5
14	22.5	19.0	21.0	25.5	22.5	24.0	25.0	22.0	23.5	19.5	17.0	18.5
15	22.0	19.5	21.0	25.5	22.5	24.0	24.5	21.5	23.0	19.5	17.0	18.0
16	22.0	21.5	21.5	26.5	23.0	24.5	25.0	22.5	23.5	20.0	16.5	18.5
17	24.5	22.0	23.0	26.0	23.5	25.0	25.0	23.5	24.5	20.5	16.5	18.5
18	24.5	22.0	23.5	25.5	23.5	24.5	24.5	23.5	24.0	21.0	17.5	19.0
19	23.5	22.0	23.0	25.0	22.0	23.5	25.0	22.5	24.0	21.5	18.0	19.5
20	23.5	20.5	22.0	25.0	21.5	23.5	24.5	22.5	23.5	22.0	19.5	20.5
21	23.5	19.5	21.5	25.0	22.0	24.0	26.0	23.5	24.5	22.0	20.0	21.0
22	23.0	20.0	22.0	26.0	23.0	24.5	25.0	23.5	24.0	22.5	20.0	21.5
23	24.0	20.5	22.5	25.0	23.0	24.0	24.5	22.5	23.5	22.0	19.0	20.5
24	24.5	21.5	23.0	25.0	23.5	24.0	24.5	22.5	23.5	22.5	20.5	21.5
25	25.0	22.0	23.5	24.5	23.5	24.0	24.5	23.0	23.5	22.5	20.5	21.5
26	25.0	22.0	23.5	25.0	23.5	24.0	24.0	22.5	23.5	22.5	20.5	21.5
27	23.5	22.0	23.0	25.0	23.0	24.0	24.5	21.5	23.0	21.0	18.0	20.0
28	23.5	21.0	22.5	24.5	23.0	23.5	24.0	22.5	23.0	19.5	15.5	17.5
29	23.0	22.0	22.5	24.5	23.0	23.5	24.0	22.5	23.0	20.0	16.0	18.0
30	24.0	22.5	23.0	25.0	23.0	24.0	23.0	22.0	22.5	21.0	18.0	19.5
31	---	---	---	25.5	23.5	24.5	23.0	22.0	22.5	---	---	---
MONTH	26.5	19.0	23.0	26.5	20.5	23.5	26.0	20.0	23.5	26.0	15.5	21.5
YEAR	26.5	1.5	17.5									

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'34", long 81°41'08", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream side of bridge on SRP Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRP Roads A-17 and A-17.1.

DRAINAGE AREA.--21.2 mi^2.

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

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

REMARKS.--Records good, except for estimated daily discharges, Nov. 12 to Dec. 17, which are fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 948 ft^3/s, Mar. 13, 1980, gage height, 3.81 ft; minimum daily, 21 ft^3/s, Aug. 4, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 493 ft^3/s, Jun. 8, 16, gage height, 2.94 ft; minimum daily, 40 ft^3/s, Dec. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	355	317	40	404	412	405	399	396	391	392	407	414
2	123	202	60	406	439	406	400	395	392	386	417	416
3	157	216	80	455	432	402	414	402	397	390	405	410
4	197	217	140	448	388	401	405	213	386	401	408	405
5	292	147	150	352	309	407	405	159	392	397	363	407
6	412	80	170	241	342	405	409	164	392	399	169	409
7	407	69	200	193	202	404	399	274	404	389	160	409
8	411	66	250	178	155	405	393	391	441	388	157	411
9	399	71	400	174	376	407	398	397	411	388	307	357
10	399	77	400	340	403	405	399	396	401	388	394	190
11	403	64	405	396	387	297	270	397	402	386	404	175
12	399	72	399	398	391	98	128	397	406	386	412	168
13	403	80	405	396	404	132	128	399	402	386	405	170
14	407	64	400	394	403	277	128	398	402	403	398	320
15	410	60	400	388	397	397	128	397	427	403	397	396
16	385	49	400	386	397	402	379	398	465	230	396	410
17	177	48	400	392	396	409	388	397	349	340	399	413
18	153	170	387	393	392	399	386	394	181	398	401	404
19	307	140	388	395	395	403	383	399	167	395	397	401
20	410	128	386	395	405	399	393	311	149	405	398	408
21	408	120	383	399	403	287	394	106	84	389	400	406
22	409	100	388	400	403	179	392	126	68	394	402	398
23	410	80	383	397	406	173	390	266	66	397	401	406
24	412	78	388	397	407	373	396	394	65	395	404	404
25	412	76	391	395	405	395	390	407	62	402	415	402
26	411	72	389	387	410	397	388	403	79	402	414	412
27	408	62	392	392	414	399	391	398	123	400	414	410
28	410	45	393	395	403	399	396	395	103	410	413	398
29	406	42	398	398	---	401	396	404	87	413	418	404
30	412	41	399	401	---	400	399	406	384	407	419	410
31	409	---	400	411	---	400	---	397	---	407	418	---
TOTAL	11113	3053	10164	11496	10676	11063	10664	10776	8478	12066	11712	11143
MEAN	358	102	328	371	381	357	355	348	283	389	378	371
MAX	412	317	405	455	439	409	414	407	465	413	419	416
MIN	123	41	40	174	155	98	128	106	62	230	157	168

CAL YR 1984	TOTAL	129676	MEAN	354	MAX	549	MIN	40
WTR YR 1985	TOTAL	122404	MEAN	335	MAX	465	MIN	40

02197351 P-013 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'53", long 81°35'06", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Steel Creek at right bank 2000 ft. downstream of SRP Road F and 0.5 mi west of P Area.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum 1f 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Aug. 6 to Sept. 4. Records good above 2.0 ft^3/s and fair below. Period of estimated daily discharge is poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 144 ft^3/s, Mar. 31, 1985, gage height, 2.40 ft; minimum daily, 0.26 ft^3/s, May 3, 4, 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 144 ft^3/s, Mar. 31, gage height, 2.40 ft; minimum daily, 0.26 ft^3/s, May 3, 4, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	17	9.1	22	25	13	27	.39	1.5	5.4	1.6	.52
2	53	18	8.7	22	27	11	26	.32	1.6	5.6	1.7	.50
3	34	23	11	24	28	10	33	.26	1.7	5.0	1.4	.50
4	28	18	14	23	28	10	34	.26	1.7	4.2	1.2	.47
5	26	11	14	22	35	12	24	.26	1.9	3.4	1.0	.43
6	26	10	14	22	32	14	8.6	.30	1.8	1.4	.95	.41
7	25	10	15	24	33	14	9.3	.43	3.6	1.2	.92	.40
8	34	11	16	24	32	14	21	.65	1.4	1.0	1.4	.41
9	50	9.7	15	24	28	14	23	.80	1.6	.88	1.2	.42
10	30	20	32	23	28	14	12	.79	1.7	.76	.90	.43
11	20	17	19	20	28	14	13	.75	2.4	.71	.86	.44
12	23	16	19	16	27	16	21	.87	1.6	.75	.84	.46
13	23	16	38	12	20	18	29	.93	2.0	.77	.74	.46
14	26	36	39	12	15	17	29	.75	2.3	1.0	.66	.50
15	32	20	26	11	16	16	29	.94	4.0	1.1	.58	.48
16	31	12	24	11	15	15	22	1.0	2.4	1.4	.50	.57
17	23	6.9	42	11	14	13	24	1.1	1.4	.77	.52	.60
18	24	11	28	17	14	12	15	1.0	1.1	.72	.56	.80
19	19	13	12	17	15	14	14	1.1	1.1	.74	.50	.80
20	16	8.2	29	26	14	21	14	1.4	.98	1.4	.45	.73
21	14	8.3	27	73	14	23	15	1.3	1.8	1.3	.45	.65
22	15	16	9.8	37	14	22	14	2.1	2.7	1.5	.56	.54
23	18	20	8.7	22	14	21	15	1.0	3.8	1.4	.56	.53
24	20	23	8.7	24	14	18	15	1.1	4.7	1.6	.40	.50
25	17	18	8.5	22	9.0	18	11	1.3	5.4	1.2	.84	.75
26	15	12	8.9	26	14	17	9.6	1.4	5.5	1.6	.70	.78
27	15	11	14	25	14	17	5.9	1.4	6.5	1.6	.50	.80
28	14	18	21	25	25	18	2.8	1.4	5.7	1.6	.42	1.2
29	14	10	21	25	---	17	.55	1.6	5.9	1.1	.38	1.5
30	15	9.0	22	24	---	17	.39	1.4	5.7	.81	.50	.87
31	15	---	22	25	---	31	---	1.4	---	.93	.52	---
TOTAL	751	449.1	596.4	711	592.0	501	517.14	29.70	85.48	52.84	24.31	18.45
MEAN	24.2	15.0	19.2	22.9	21.1	16.2	17.2	.96	2.85	1.70	.78	.61
MAX	53	36	42	73	35	31	34	2.1	6.5	5.6	1.7	1.5
MIN	14	6.9	8.5	11	9.0	10	.39	.26	.98	.71	.38	.40

CAL YR 1984	TOTAL	8255.6	MEAN	22.6	MAX	94	MIN	5.7
WTR YR 1985	TOTAL	4328.42	MEAN	11.9	MAX	73	MIN	.26

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 34.0°C, Aug. 25, 1984; minimum, 8.0°C, Jan. 24, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 32.0°C, Jun. 10; minimum, 8.0°C, Jan. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SETEMBER 1985

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

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	12.0	12.5	18.5	17.0	17.5	20.5	16.0	18.5	28.0	18.5	22.5
2	13.0	11.5	12.5	20.5	18.5	19.0	20.0	16.0	17.0	24.5	20.0	22.0
3	11.5	11.0	11.0	21.0	18.5	19.5	23.0	16.5	19.0	26.5	18.5	21.5
4	12.0	11.5	12.0	21.5	19.5	20.0	21.5	18.5	20.0	27.0	16.0	20.5
5	12.0	9.5	11.0	19.5	16.5	18.0	25.5	19.5	21.0	27.5	15.5	20.5
6	11.5	10.5	11.5	19.0	16.0	17.5	27.0	23.0	25.0	28.0	17.0	21.5
7	11.5	10.5	11.0	19.5	17.5	18.5	26.0	22.5	24.0	28.0	18.5	23.0
8	11.5	10.5	10.5	20.5	18.0	19.0	25.0	18.5	22.0	26.0	23.5	24.5
9	11.5	10.0	11.0	19.5	18.0	18.5	23.5	18.0	20.5	30.0	23.5	26.0
10	12.5	11.0	11.5	20.5	18.0	19.0	22.5	18.5	21.0	29.5	24.5	26.5
11	13.0	12.0	12.5	20.5	19.5	20.0	20.5	18.0	19.0	29.5	24.0	25.5
12	12.5	11.0	11.5	20.0	15.5	18.5	26.0	19.0	22.0	29.5	24.5	26.0
13	13.5	10.5	11.5	18.5	15.0	17.0	21.0	20.0	20.5	29.5	24.0	26.0
14	12.0	11.0	11.5	21.0	18.5	19.5	21.0	20.5	20.5	29.5	22.5	26.0
15	11.5	10.0	11.0	20.0	18.5	19.0	21.5	20.5	20.5	29.5	23.5	26.0
16	11.5	10.0	10.5	19.0	18.0	18.5	23.0	20.0	21.5	30.5	24.5	26.5
17	12.0	10.5	11.0	20.5	19.0	19.5	23.0	20.0	21.5	28.0	22.5	24.5
18	13.0	11.0	12.0	20.0	18.0	19.0	23.5	21.5	22.5	28.0	21.0	24.0
19	14.0	12.5	13.0	20.5	17.0	18.5	24.0	22.0	22.5	28.5	21.0	24.0
20	16.5	13.5	14.5	19.0	17.0	18.0	24.0	22.0	23.0	27.0	22.5	24.5
21	17.0	14.0	15.5	18.5	18.0	18.0	24.0	22.0	23.0	29.5	24.0	26.0
22	17.5	15.5	16.0	18.0	16.5	17.0	24.0	22.0	22.5	27.5	23.0	24.5
23	16.5	15.5	16.0	18.5	16.0	17.0	24.0	22.0	23.0	28.0	23.0	25.0
24	18.0	15.0	16.0	19.0	17.0	18.0	24.5	22.5	23.0	27.5	22.5	24.5
25	18.0	15.5	17.0	18.0	16.0	17.0	25.5	23.0	24.0	28.0	22.0	24.5
26	17.5	15.5	16.0	19.5	16.5	17.5	26.0	23.5	24.5	27.5	22.0	24.5
27	18.0	15.0	16.5	20.5	18.0	19.0	27.0	23.0	24.5	29.0	22.0	25.0
28	20.5	14.5	16.5	20.0	18.0	19.0	29.0	22.0	25.0	27.5	22.5	25.0
29	---	---	---	21.5	18.5	19.5	29.5	21.5	24.5	28.0	23.0	25.0
30	---	---	---	21.5	19.0	20.0	29.5	19.5	23.0	28.0	24.0	25.5
31	---	---	---	20.5	19.0	20.0	---	---	---	29.0	24.5	26.5
MONTH	20.5	9.5	13.0	21.5	15.0	18.5	29.5	16.0	22.0	30.5	15.5	24.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	25.0	27.5	29.0	26.0	27.5	29.5	26.5	27.5	28.0	26.0	26.5
2	30.5	25.0	27.5	29.5	25.5	27.5	28.0	27.0	27.5	28.5	26.0	27.0
3	31.0	25.0	28.0	29.5	25.0	27.0	29.0	26.0	27.5	29.0	26.0	27.5
4	31.5	26.0	28.5	30.0	25.0	27.0	29.0	25.0	26.5	28.5	26.5	27.5
5	31.0	26.5	28.5	29.0	25.5	27.0	28.0	25.5	26.5	29.0	26.0	27.5
6	31.5	26.5	29.0	28.5	25.5	26.5	29.0	26.5	27.5	29.5	26.0	27.5
7	30.5	23.5	27.5	29.0	26.0	27.5	29.0	26.5	27.5	29.0	27.0	28.0
8	30.5	24.0	27.0	30.5	26.0	28.0	27.0	26.5	27.0	29.5	27.0	28.0
9	31.0	25.5	28.0	31.0	26.0	28.0	28.5	26.5	27.5	30.5	27.5	28.5
10	32.0	26.5	29.0	31.5	27.0	29.0	29.0	26.5	27.5	30.0	27.0	28.5
11	30.5	26.5	28.0	30.5	27.5	28.5	30.0	26.5	28.0	29.5	27.0	28.0
12	30.0	26.0	27.5	30.5	26.5	28.5	29.5	26.5	28.0	29.0	27.0	28.0
13	28.0	23.5	25.5	30.5	27.0	28.5	30.0	26.5	28.0	27.0	25.0	26.0
14	28.5	23.5	25.5	31.0	27.0	28.5	29.5	27.0	28.0	25.0	22.5	24.0
15	27.0	24.0	25.5	31.0	27.0	29.0	29.5	26.5	28.0	25.5	22.0	23.5
16	28.0	24.0	26.0	30.5	27.0	28.5	30.0	26.5	28.5	25.5	22.5	23.5
17	30.5	25.5	27.5	30.5	26.5	28.5	29.5	27.5	28.5	26.0	22.5	24.0
18	30.0	26.0	28.0	31.0	27.5	29.0	28.5	27.0	28.0	26.5	23.0	24.5
19	28.0	25.0	26.5	31.0	27.0	29.0	29.0	26.5	28.0	26.5	23.0	24.5
20	29.5	24.0	26.5	31.0	26.5	29.0	29.0	26.5	28.0	27.0	24.0	25.5
21	28.5	23.0	26.0	31.0	27.5	29.0	29.5	27.0	28.0	27.0	25.0	26.0
22	29.0	24.0	26.5	31.5	28.0	29.0	29.5	26.5	28.0	27.5	25.0	26.0
23	30.0	25.0	27.5	30.5	27.5	28.5	29.0	26.5	27.5	27.5	24.0	25.5
24	30.5	25.5	28.0	30.0	27.5	28.5	28.5	27.0	27.5	27.0	25.0	26.0
25	30.5	25.5	28.0	29.5	27.5	28.5	29.0	26.5	27.5	27.0	25.0	26.0
26	31.0	25.5	28.0	30.0	27.5	28.5	28.5	26.5	27.0	27.0	24.5	26.0
27	28.5	26.5	27.0	30.5	27.5	28.5	29.0	26.0	27.5	26.0	23.5	25.0
28	29.0	25.5	27.5	29.5	27.5	28.0	28.0	26.5	27.5	24.5	21.5	23.0
29	28.5	26.5	27.0	28.5	27.0	27.5	28.5	27.0	27.5	24.5	21.5	23.0
30	28.0	26.0	27.0	28.0	26.0	27.0	27.5	26.5	27.0	25.0	22.0	23.5
31	---	---	---	29.0	26.0	27.5	27.0	25.5	26.5	---	---	---
MONTH	32.0	23.0	27.5	31.5	25.0	28.0	30.0	25.0	27.5	30.5	21.5	26.0
YEAR	32.0	8.0	22.0									

02197352 STEEL CREEK AT ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'25", long 81°36'41", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at left downstream end of culvert on SRP Road B, 200 ft east of junction of SRP Roads, C and B, and 0.6 mi southeast of Area L.

PERIOD OF RECORD.--August 1982 to September 1985 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 190 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges, Dec. 22 to Jan 4, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 226 ft^3/s, May 7, 1983, gage height, 2.53 ft; minimum daily, 1.7 ft^3/s, May 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 140 ft^3/s, Mar. 31, gage height, 2.21 ft; minimum daily, 1.7 ft^3/s, May 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	16	11	22	23	14	29	1.9	2.7	2.7	2.7	2.9
2	55	17	11	23	25	12	30	1.9	2.9	2.6	3.4	2.8
3	33	21	13	24	26	11	32	1.9	2.9	2.4	2.4	2.3
4	25	17	16	21	26	11	38	1.8	2.9	2.4	2.3	2.2
5	24	12	17	20	40	13	27	1.7	2.8	2.9	2.2	2.2
6	24	17	15	20	40	14	12	1.8	2.7	3.2	2.2	2.1
7	24	13	15	22	35	15	12	1.8	6.6	2.6	2.2	2.3
8	31	14	16	23	33	14	20	2.4	4.1	2.4	3.0	2.4
9	58	12	16	22	28	14	29	2.5	2.7	2.3	2.7	2.3
10	31	22	31	21	28	14	15	2.4	2.5	2.3	2.5	2.3
11	21	17	20	19	28	14	15	2.3	3.6	2.3	2.3	2.3
12	22	22	19	15	28	16	21	2.2	3.0	2.4	2.2	2.3
13	22	18	48	12	21	18	32	2.2	2.5	2.2	2.2	2.3
14	25	42	41	11	16	17	30	1.9	2.4	2.3	2.2	2.2
15	30	23	26	9.9	16	18	31	2.1	5.5	2.3	2.2	2.2
16	31	16	29	9.9	16	16	24	2.1	5.7	2.7	2.2	2.2
17	22	9.5	43	10	15	14	27	2.1	3.1	3.1	2.2	2.2
18	23	12	27	15	14	12	16	2.1	2.6	2.3	2.2	2.2
19	19	15	13	15	15	14	15	2.1	2.5	2.3	2.1	2.2
20	16	11	31	21	15	20	15	2.2	2.4	2.2	2.1	2.2
21	15	11	27	84	14	22	15	3.3	2.3	2.2	2.3	2.2
22	15	16	12	45	14	21	15	7.6	2.3	2.6	2.3	2.1
23	17	21	10	20	14	20	15	4.4	2.3	2.8	2.2	2.2
24	18	23	13	24	14	17	15	3.4	2.3	2.8	2.1	2.2
25	16	19	11	21	9.1	17	13	3.0	2.2	2.7	3.5	2.2
26	15	14	12	25	14	17	9.7	2.6	2.2	2.6	2.8	2.1
27	15	13	15	24	15	17	7.6	2.5	2.5	2.4	2.3	2.1
28	14	19	19	23	25	18	4.7	2.5	2.3	2.5	2.2	2.0
29	14	13	19	23	---	17	2.2	3.2	2.8	2.6	2.4	2.1
30	15	11	21	23	---	17	1.9	3.0	3.4	2.5	2.9	1.9
31	15	---	21	24	---	32	---	2.8	---	2.3	2.9	---
TOTAL	741	506.5	638	691.8	607.1	506	569.1	79.7	90.7	77.9	75.4	67.2
MEAN	23.9	16.9	20.6	22.3	21.7	16.3	19.0	2.57	3.02	2.51	2.43	2.24
MAX	58	42	48	84	40	32	38	7.6	6.6	3.2	3.5	2.9
MIN	14	9.5	10	9.9	9.1	11	1.9	1.7	2.2	2.2	2.1	1.9

CAL YR 1984	TOTAL	9607.5	MEAN	26.2	MAX	111	MIN	8.6
WTR YR 1985	TOTAL	4650.4	MEAN	12.7	MAX	84	MIN	1.7

02197352 STEEL CREEK AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C, Aug. 16, 1984; minimum, 6.5°C, Jan. 27, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 27.5°C, several days in June; minimum, 6.5°C, Jan. 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02197352 STEEL CREEK AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

02197354 P-007 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'33", long 81°34'39", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, near the middle of the stream, 50 ft southeast of P Area, and 1700 ft southwest of SRP Road F.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 310 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those for periods above 5.0 ft^3/s which are undefined. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 19, 1984, gage height, 1.77 ft; minimum daily, 0.42 ft^3/s, Apr. 24, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, June 7, gage height, 1.73 ft; minimum daily, 0.42 ft^3/s, Apr. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	1.2	1.3	1.1	1.0	1.0	.74	.47	.90	1.2	1.0	1.2
2	1.0	1.2	1.3	1.1	1.5	1.0	.82	.64	.90	1.2	.88	1.1
3	1.0	1.2	1.3	1.8	1.3	.94	.63	.76	.92	1.2	.94	.87
4	1.1	1.2	1.3	1.2	1.1	.95	.58	.75	1.2	1.2	1.1	.91
5	1.1	1.2	1.4	1.1	2.5	1.1	.56	.69	.90	1.2	1.1	.86
6	1.1	1.2	1.3	1.1	1.6	1.1	.67	.77	.91	1.0	1.0	1.0
7	1.1	1.1	1.3	1.1	1.2	.99	.59	.62	1.2	1.1	1.0	1.0
8	1.1	1.1	1.4	1.1	1.2	.97	.68	.63	1.2	1.0	1.0	1.0
9	1.0	1.3	1.3	1.3	1.2	.97	.57	.87	1.2	1.1	1.0	1.1
10	.98	1.2	1.3	1.1	1.2	.99	.59	.86	1.1	1.1	1.0	1.1
11	1.1	1.2	1.3	1.1	1.1	1.0	.57	.96	1.5	1.1	1.0	1.2
12	1.2	1.1	1.3	1.2	1.2	.98	.51	.99	1.3	1.0	1.0	1.1
13	1.2	1.1	1.3	1.1	1.0	.96	.53	.93	.92	1.0	1.0	1.0
14	1.2	1.1	1.3	1.0	1.4	.96	.53	.94	.96	1.0	1.0	1.2
15	1.2	1.1	1.3	1.0	1.3	.95	.53	.97	1.4	1.0	1.0	.99
16	1.3	.96	1.2	1.0	1.1	1.2	.53	.81	1.2	1.1	1.0	1.0
17	1.2	.90	.92	1.1	1.1	.97	.57	.85	.79	1.0	1.0	1.0
18	1.2	.83	.91	1.0	1.1	.94	.53	.77	.68	1.0	1.0	1.1
19	1.2	.81	1.0	1.0	1.1	.99	.54	.75	.68	.99	1.0	1.1
20	1.2	1.0	1.0	1.0	1.2	.96	.55	.89	.70	1.0	1.0	.99
21	1.2	1.2	1.2	.95	1.3	.91	.54	.88	.72	1.0	1.0	.99
22	1.2	1.2	1.2	1.1	1.1	1.1	.51	1.1	.87	.99	1.1	1.0
23	1.2	1.2	1.2	1.0	1.2	.91	.43	.86	.81	.99	1.1	1.0
24	1.2	1.3	1.2	.96	1.1	.86	.42	.86	.92	.99	1.2	1.0
25	1.3	1.4	1.2	1.1	.98	.90	.45	.95	1.2	.99	1.2	1.0
26	1.3	1.5	1.2	1.3	.95	.88	.49	.96	1.1	.99	1.1	.99
27	1.3	1.3	1.2	1.3	.87	.90	.50	.94	1.1	.99	1.2	.99
28	1.2	1.3	1.2	1.1	.94	.91	.51	.98	.94	.99	1.2	.99
29	1.2	1.3	1.1	1.2	---	.95	.65	.96	1.1	.99	1.2	.94
30	1.2	1.3	1.1	1.4	---	.93	.44	1.0	1.0	.97	1.2	.90
31	1.2	---	1.1	1.1	---	.89	---	.85	---	.94	1.2	---
TOTAL	35.98	35.00	37.63	35.01	33.84	30.06	16.76	26.26	30.32	32.32	32.72	30.62
MEAN	1.16	1.17	1.21	1.13	1.21	.97	.56	.85	1.01	1.04	1.06	1.02
MAX	1.3	1.5	1.4	1.8	2.5	1.2	.82	1.1	1.5	1.2	1.2	1.2
MIN	.98	.81	.91	.95	.87	.86	.42	.47	.68	.94	.88	.86

CAL YR 1984	TOTAL	400.75	MEAN	1.09	MAX	1.5	MIN	.81
WTR YR 1985	TOTAL	376.52	MEAN	1.03	MAX	2.5	MIN	.42

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°08'44", long 81°37'44", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream side of bridge on SRP Road A, 160 ft downstream from Meyers Branch.

PERIOD OF RECORD.--March 1985 to September 1985.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 119 ft^3/s, June 8, 1985, gage height, 2.03 ft; minimum daily, 7.7 ft^3/s, Sept. 14, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 119 ft^3/s, June 8, gage height, 2.03 ft; minimum daily, 7.7 ft^3/s, Sept. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						47	58	36	26	26	34	65
2						43	52	49	24	22	66	45
3						39	56	52	29	36	49	40
4						41	57	47	29	23	41	39
5						39	55	37	26	40	39	37
6						40	61	20	19	48	39	39
7						40	42	18	33	33	47	34
8						41	38	28	79	25	44	37
9						41	57	33	30	35	40	31
10						40	42	35	22	39	38	20
11						40	40	30	34	47	35	23
12						50	44	25	39	38	31	18
13						47	49	17	46	29	33	8.0
14						44	54	19	26	55	35	7.7
15						42	55	17	28	82	32	55
16						48	56	13	89	36	30	10
17						58	48	13	42	35	15	9.5
18						45	43	27	24	29	31	9.3
19						41	42	28	18	35	39	9.7
20						49	44	29	17	39	33	13
21						55	44	32	15	35	34	14
22						60	47	28	15	31	29	16
23						52	42	75	14	40	33	16
24						49	42	61	14	35	33	16
25						49	43	38	13	48	38	17
26						49	33	27	16	42	56	17
27						43	30	25	15	41	44	17
28						47	24	24	14	45	37	17
29						47	20	24	17	51	37	18
30						45	22	30	41	47	53	18
31						48	---	26	---	40	63	---
TOTAL						1419	1340	963	854	1207	1208	716.2
MEAN						45.8	44.7	31.1	28.5	38.9	39.0	23.9
MAX						60	61	75	89	82	66	65
MIN						39	20	13	13	22	15	7.7

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 mile 141.6.

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.0°C, Jul. 13, 1980; minimum, 0.3°C, Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.5°C, Jun. 5, 6; minimum, 0.5°C, Jan. 21-23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.5	11.0	14.5	17.0	15.0	15.5	21.5	18.5	20.0	23.0	20.0	21.5
2	18.0	16.0	17.0	17.5	14.5	16.0	19.0	16.0	17.5	22.0	20.5	21.5
3	17.0	13.0	14.5	18.0	15.0	16.5	18.0	14.0	16.0	22.0	20.5	21.5
4	12.5	11.0	11.5	19.0	15.0	16.5	20.5	16.0	18.0	21.0	18.5	20.0
5	10.5	7.5	9.0	20.0	17.0	18.0	21.0	17.5	19.5	20.5	17.0	19.0
6	8.0	7.0	7.5	18.0	15.0	16.5	20.5	18.5	19.5	21.0	17.5	19.5
7	8.0	7.0	7.5	16.0	13.5	15.0	20.5	17.0	19.0	22.0	19.0	20.5
8	7.5	6.5	7.0	18.0	14.0	15.5	19.5	17.0	18.0	21.0	19.5	20.5
9	8.0	6.5	7.0	19.5	16.5	18.0	17.0	14.5	16.0	21.0	18.5	20.0
10	7.5	6.5	7.0	19.5	17.0	18.5	16.0	12.5	14.5	22.5	20.0	21.0
11	8.0	6.5	7.0	17.5	15.5	16.5	17.5	13.0	15.5	23.5	21.0	22.5
12	8.0	5.5	7.0	19.5	17.0	18.0	19.5	15.5	17.5	25.0	22.5	23.5
13	6.0	4.5	5.0	18.5	15.0	17.0	19.0	18.0	18.5	25.0	23.0	24.0
14	5.5	4.5	5.0	20.0	16.0	18.0	19.0	17.5	18.5	25.5	22.5	24.0
15	6.5	5.0	6.0	19.5	17.0	18.5	20.0	18.0	19.0	25.5	23.5	24.5
16	7.0	5.5	6.5	17.0	13.5	14.5	20.5	18.0	19.5	26.5	23.5	25.0
17	9.0	6.5	7.5	15.0	13.0	14.0	21.5	17.5	19.5	24.0	22.0	23.5
18	10.5	7.5	9.0	14.5	12.0	13.5	22.5	18.5	20.5	23.0	20.5	21.5
19	12.0	9.5	10.5	14.0	10.0	12.0	22.5	19.0	20.5	22.5	20.0	21.0
20	14.5	12.0	13.0	15.0	10.5	12.5	23.5	19.5	21.5	22.5	20.5	21.5
21	14.0	11.0	12.5	14.5	13.5	14.0	24.0	20.0	22.0	24.5	21.5	23.0
22	14.5	12.5	13.5	14.0	13.0	13.5	23.5	20.0	22.0	24.5	22.5	23.5
23	16.5	14.5	15.5	16.5	12.0	14.0	23.0	20.5	22.0	24.5	22.0	23.0
24	19.0	15.5	17.5	17.5	14.5	16.0	23.5	21.0	22.0	23.5	21.5	22.5
25	20.0	18.0	19.0	16.5	14.0	15.5	24.5	21.0	22.5	22.5	20.5	21.5
26	19.5	17.5	18.5	17.0	12.5	15.0	23.5	19.5	21.5	23.0	20.0	21.5
27	20.0	17.5	19.0	18.0	13.5	16.0	23.5	21.0	22.5	23.0	20.0	21.5
28	19.0	16.0	17.5	20.0	16.5	18.5	24.0	21.5	23.0	23.5	21.0	22.0
29	---	---	---	22.5	18.5	20.5	24.5	22.5	23.5	24.0	22.0	23.0
30	---	---	---	23.5	20.0	21.5	24.0	21.5	22.5	24.5	22.5	23.5
31	---	---	---	23.5	20.5	22.0	---	---	---	25.0	23.0	24.0
MONTH	20.0	4.5	11.0	23.5	10.0	16.5	24.5	12.5	19.5	26.5	17.0	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	24.0	25.5	24.5	23.5	24.0	27.0	26.0	26.5	25.0	24.0	24.5
2	28.0	25.0	26.5	25.0	23.5	24.0	26.5	26.0	26.0	25.5	24.5	25.0
3	28.0	25.5	26.5	24.5	23.5	24.0	26.0	25.0	25.5	26.0	25.0	25.5
4	28.5	26.0	27.5	24.5	23.5	24.0	25.0	24.0	24.5	26.0	25.5	25.5
5	29.5	26.5	28.0	24.5	23.5	24.0	24.0	23.5	24.0	26.0	25.5	26.0
6	29.5	27.0	28.0	24.5	24.0	24.5	25.0	23.5	24.5	26.0	25.5	26.0
7	28.5	26.0	27.5	24.5	24.0	24.0	25.5	24.5	25.0	26.5	25.5	26.0
8	26.5	24.5	25.5	25.5	24.0	25.0	25.0	24.5	24.5	26.5	26.0	26.0
9	26.5	25.0	26.0	26.0	25.0	25.5	25.0	24.5	24.5	27.0	26.5	26.5
10	28.0	25.5	27.0	26.5	25.5	26.0	25.5	24.5	25.0	27.0	26.5	27.0
11	28.0	26.5	27.0	27.0	26.0	26.5	26.0	25.0	25.5	27.0	26.0	26.5
12	26.5	25.5	26.0	27.0	26.0	26.5	26.5	25.5	26.0	27.0	25.5	26.0
13	25.0	23.5	24.5	26.5	25.5	26.0	26.5	25.5	26.0	25.5	22.5	24.0
14	23.5	21.5	22.5	26.5	25.5	26.0	26.0	25.5	26.0	22.5	20.0	21.0
15	23.0	21.5	22.5	26.5	25.5	26.0	26.0	25.0	25.5	20.0	18.5	19.5
16	24.0	22.5	23.0	27.0	26.0	26.5	26.5	25.5	26.0	19.5	18.5	19.0
17	26.0	23.5	25.0	26.5	26.0	26.5	27.0	26.0	26.5	20.0	18.5	19.5
18	26.5	25.0	26.0	26.5	26.0	26.5	27.0	26.5	26.5	20.5	18.5	19.5
19	26.0	24.5	25.5	26.5	25.5	26.0	27.0	26.0	26.5	21.0	19.5	20.0
20	25.0	23.0	24.0	26.5	25.5	26.0	27.0	26.0	26.5	22.0	20.5	21.0
21	24.5	22.0	23.5	26.5	25.5	26.0	27.0	26.5	26.5	22.5	21.5	22.0
22	24.5	22.5	23.5	27.0	26.0	26.5	26.5	26.0	26.0	23.5	22.0	22.5
23	25.0	23.0	24.0	27.0	26.0	26.5	26.0	25.5	25.5	23.0	22.0	22.5
24	26.0	24.0	25.0	26.5	26.0	26.0	26.0	25.0	25.5	23.5	22.5	23.0
25	26.5	25.0	25.5	26.0	25.5	26.0	26.0	25.5	25.5	24.0	23.0	23.5
26	27.0	25.0	26.0	26.0	25.5	25.5	25.5	25.0	25.0	24.0	23.0	23.5
27	27.0	25.0	25.5	26.5	25.5	26.0	25.5	24.5	25.0	23.5	22.0	23.0
28	25.0	23.5	24.5	26.5	26.0	26.0	25.5	25.0	25.0	22.0	20.0	20.5
29	24.5	23.5	24.0	26.0	25.5	25.5	25.5	25.0	25.0	20.0	19.0	19.5
30	24.5	23.5	24.0	26.0	25.0	25.5	25.0	24.5	24.5	21.0	19.5	20.0
31	---	---	---	26.5	25.5	26.0	24.5	24.0	24.5	---	---	---
MONTH	29.5	21.5	25.5	27.0	23.5	25.5	27.0	23.5	25.5	27.0	18.5	23.0
YEAR	29.5	.5	18.5									

02197359 STEEL CREEK AT OLD HATTIESVILLE BRIDGE AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°07'05'', long 81°37'43'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, 0.5 mi downstream from Seaboard Coastline Railroad bridge, 1.0 mi west of eastern boundary fence.

DRAINAGE AREA.--34.4 mi^2.

PERIOD OF RECORD.--March 1974 to September 1985 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 95 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 460 ft^3/s, Feb. 24, 1979, gage height, 4.50 ft; minimum daily, 8.4 ft^3/s, May 24, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 235 ft^3/s, Feb. 6, gage height, 3.91 ft; minimum daily, 8.7 ft^3/s, Sept. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	58	36	53	57	48	55	35	24	30	33	66
2	80	58	37	54	70	44	49	46	23	24	63	42
3	82	66	51	108	66	40	51	52	27	34	48	34
4	56	69	54	142	55	41	52	48	26	25	39	34
5	50	58	82	94	109	40	51	39	25	37	36	32
6	43	54	88	73	220	40	63	22	19	47	35	32
7	47	48	60	66	129	40	43	20	29	34	42	30
8	51	41	55	64	80	41	37	28	75	26	39	31
9	75	40	52	61	72	40	52	33	33	33	40	27
10	85	45	55	64	73	40	42	36	23	34	37	20
11	62	47	72	52	69	39	39	32	31	45	32	21
12	45	56	56	45	69	48	42	27	37	34	28	18
13	52	41	63	40	61	46	47	20	40	28	29	9.8
14	47	55	87	39	48	42	51	24	29	40	32	8.7
15	63	76	71	37	47	40	53	22	25	95	29	42
16	67	53	59	36	50	46	54	19	81	41	30	12
17	69	33	74	39	50	59	46	18	50	33	15	9.8
18	71	33	76	42	46	45	41	27	26	28	26	9.4
19	55	37	57	42	47	40	40	32	21	31	33	9.4
20	43	39	55	42	51	44	42	29	19	36	29	13
21	40	47	77	58	49	51	42	35	18	32	29	13
22	44	44	57	102	45	59	45	27	17	29	25	15
23	43	54	47	49	44	50	40	73	17	38	28	16
24	54	55	46	61	43	48	41	54	17	34	28	16
25	54	53	43	60	41	46	41	37	16	42	32	16
26	53	46	43	53	44	47	33	24	18	42	52	17
27	55	42	42	46	55	41	32	23	17	38	42	17
28	62	57	51	46	52	43	27	22	17	46	33	17
29	80	66	53	46	---	44	23	22	18	52	31	18
30	66	41	53	46	---	42	23	27	40	47	50	19
31	65	---	54	59	---	42	---	24	---	41	58	---
TOTAL	1860	1512	1806	1819	1842	1376	1297	977	858	1176	1103	665.1
MEAN	60.0	50.4	58.3	58.7	65.8	44.4	43.2	31.5	28.6	37.9	35.6	22.2
MAX	101	76	88	142	220	59	63	73	81	95	63	66
MIN	40	33	36	36	41	39	23	18	16	24	15	8.7

CAL YR 1984	TOTAL	29014	MEAN	79.3	MAX	267	MIN	24
WTR YR 1985	TOTAL	16291.1	MEAN	44.6	MAX	220	MIN	8.7

02197362 P-019 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'06", long 81°35'00", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, 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.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum 1f 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 500 ft^3/s, Jul. 13, 1985, gage height, 4.12 ft; no flow, Apr. 13-29, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 500 ft^3/s, Jul. 13, gage height, 4.12 ft; no flow, Apr. 13-29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	398	400	392	400	399	392	61	27	433	413	258	419
2	366	400	400	398	398	398	52	46	425	420	389	352
3	390	400	404	397	396	397	44	76	421	420	398	141
4	402	396	399	397	395	397	24	99	417	420	411	117
5	403	400	396	400	393	399	24	149	419	424	416	147
6	400	396	399	397	396	398	26	140	416	418	429	222
7	401	400	401	400	396	398	35	104	417	417	421	411
8	343	396	399	397	393	399	49	88	419	418	418	420
9	99	396	398	399	395	399	44	110	417	415	418	419
10	88	400	400	397	399	400	44	142	412	419	414	428
11	102	332	399	398	395	402	44	129	410	422	419	431
12	380	75	399	398	397	399	19	252	415	416	418	430
13	395	76	399	399	396	397	.00	399	415	417	419	429
14	400	86	399	400	397	400	.00	400	418	415	421	423
15	402	74	401	397	399	401	.00	402	414	415	422	425
16	394	20	335	397	398	397	.00	272	415	412	413	425
17	389	20	80	398	397	399	.00	280	295	418	419	426
18	399	25	83	399	398	397	.00	81	99	421	414	428
19	403	23	101	398	396	397	.00	80	95	412	420	427
20	401	138	246	349	395	400	.00	377	94	425	420	422
21	403	384	380	91	397	397	.00	408	93	418	417	423
22	400	392	397	130	397	396	.00	416	95	422	421	423
23	391	400	397	96	397	398	.00	418	99	424	410	423
24	388	388	401	160	273	398	.00	412	95	414	419	423
25	396	396	399	375	76	397	.00	419	109	414	417	422
26	400	400	400	395	76	400	.00	422	151	420	418	423
27	402	400	399	399	99	400	.00	428	390	414	419	424
28	399	400	400	397	374	401	.00	432	218	402	423	423
29	400	400	400	398	---	401	.00	428	401	173	420	287
30	401	404	400	398	---	400	.63	428	414	172	418	97
31	397	---	400	397	---	256	---	424	---	174	415	---
TOTAL	11332	8817	11203	11151	10017	12210	466.63	8288	9331	12204	12754	11110
MEAN	366	294	361	360	358	394	15.6	267	311	394	411	370
MAX	403	404	404	400	399	402	61	432	433	425	429	431
MIN	88	20	80	91	76	256	.00	27	93	172	258	97

CAL YR 1984	TOTAL	130884	MEAN	358	MAX	435	MIN	20
WTR YR 1985	TOTAL	118883.63	MEAN	326	MAX	433	MIN	.00

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 74.9°C Sept. 6, 7, 1984; minimum, 5.0°C Jan. 24, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 74.5°C July 18, 19, Aug. 14, 16; minimum, 5.0°C Jan. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	73.0	23.0	68.5	73.5	72.5	73.0	70.5	64.0	67.5	70.5	70.0	70.0
2	23.0	22.0	22.5	73.5	73.0	73.0	70.0	66.5	69.0	71.0	67.5	70.0
3	57.5	21.5	31.5	73.0	72.5	72.5	70.0	68.0	69.5	71.0	70.0	70.5
4	73.0	58.0	69.0	72.5	72.0	72.5	70.0	66.5	69.0	71.0	69.5	70.5
5	72.5	72.0	72.5	72.5	72.0	72.0	69.5	69.0	69.5	70.0	69.5	69.5
6	73.0	72.5	72.5	72.0	71.5	72.0	69.5	68.5	69.0	69.5	68.5	69.0
7	73.0	72.0	72.5	71.5	71.0	71.5	69.5	68.0	69.0	69.5	67.5	69.0
8	73.0	24.0	55.0	71.5	71.0	71.0	69.0	68.0	68.5	69.5	68.0	68.5
9	24.0	23.0	23.5	71.5	71.0	71.0	69.0	68.0	68.5	69.0	66.0	68.0
10	23.0	22.5	23.0	71.5	71.0	71.5	69.5	66.0	68.5	69.0	68.0	68.5
11	23.0	22.5	23.0	71.5	18.5	54.5	69.5	68.5	69.0	68.5	67.5	68.5
12	23.5	22.5	23.0	19.0	18.0	18.5	69.5	67.5	69.0	68.5	68.0	68.5
13	59.5	23.0	37.5	18.0	16.5	17.0	69.5	68.5	69.0	68.5	68.0	68.0
14	72.5	64.5	69.0	16.5	15.5	16.0	69.5	69.0	69.5	68.5	67.0	68.0
15	72.5	69.5	71.5	16.0	15.5	15.5	69.5	69.0	69.5	68.5	67.5	68.0
16	72.5	22.5	51.0	16.0	15.5	16.0	69.5	15.0	47.5	68.5	67.5	68.5
17	33.5	22.5	23.5	15.5	15.0	15.5	16.0	14.0	15.0	69.0	68.0	68.5
18	72.0	33.0	59.0	15.5	15.0	15.0	14.0	13.5	13.5	69.0	68.0	68.5
19	73.0	71.5	72.5	16.0	15.5	15.5	14.0	13.5	13.5	69.0	68.5	68.5
20	73.0	72.5	72.5	15.5	14.5	15.0	14.0	13.0	13.5	68.5	9.5	47.0
21	73.0	72.5	73.0	24.5	14.5	16.0	37.5	13.5	19.0	10.0	7.5	9.0
22	73.0	72.5	73.0	61.5	24.5	42.5	66.0	36.5	56.5	7.5	6.0	7.0
23	73.0	24.0	44.5	66.0	13.0	34.5	69.0	66.5	68.0	6.0	5.5	6.0
24	34.0	23.5	25.0	14.0	12.5	13.0	69.0	68.5	69.0	6.0	5.0	5.5
25	71.0	34.0	55.0	65.0	16.0	48.0	69.5	69.0	69.0	30.5	5.5	9.0
26	73.5	71.0	72.5	68.0	59.0	64.5	69.5	68.5	69.0	60.5	30.5	49.5
27	73.5	72.0	73.0	68.0	67.0	67.5	70.0	68.0	69.5	66.0	57.5	61.0
28	73.5	72.5	73.0	70.0	62.5	68.0	70.5	69.0	69.5	67.0	65.0	66.0
29	73.0	73.0	73.0	68.5	63.0	67.0	70.0	69.5	70.0	67.5	66.0	67.0
30	73.0	73.0	73.0	70.5	64.0	66.5	70.0	69.5	70.0	67.5	67.0	67.5
31	73.5	72.5	73.0	---	---	---	71.0	69.5	70.0	68.0	66.5	67.5
MONTH	73.5	21.5	55.5	73.5	12.5	47.0	71.0	13.0	59.0	70.5	5.0	57.0

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	69.0	67.5	68.5				---	---	---	26.5	22.5	25.0
2	68.5	68.0	68.5				---	---	---	22.5	21.0	21.5
3	68.5	67.0	68.0				18.0	17.5	17.5	21.5	20.5	21.0
4	69.0	66.5	68.0				19.0	17.5	18.5	22.5	21.0	22.0
5	69.0	68.0	68.5				19.5	18.0	18.5	22.5	22.0	22.5
6	68.5	67.5	68.0				19.5	18.5	19.0	22.5	21.5	22.0
7	68.5	65.0	67.5				19.0	18.0	18.5	22.0	21.0	22.0
8	68.0	60.5	68.0				18.5	18.0	18.0	22.0	21.5	22.0
9	68.5	67.5	68.0				18.5	17.5	18.0	22.5	22.0	22.5
10	69.5	68.0	69.0				18.0	17.5	17.5	23.5	22.5	23.0
11	69.0	68.5	68.5				18.0	17.5	18.0	24.0	23.0	23.5
12	---	---	---				18.5	18.0	18.5	24.5	23.5	24.0
13	---	---	---				19.0	18.0	18.5	24.5	23.5	24.0
14	---	---	---				19.5	18.5	19.0	25.0	23.5	24.0
15	---	---	---				21.0	19.5	20.0	26.0	23.5	24.5
16	---	---	---				22.0	20.0	21.0	26.0	23.0	24.5
17	---	---	---				22.0	20.0	21.5	24.0	22.0	23.0
18	---	---	---				24.0	21.0	22.5	22.0	21.5	21.5
19	---	---	---				24.0	21.5	23.0	22.5	21.5	22.0
20	---	---	---				24.5	21.5	23.0	24.5	22.5	24.0
21	---	---	---				25.0	22.0	23.5	58.5	25.0	43.0
22	---	---	---				25.0	21.5	23.5	66.5	59.5	64.0
23	---	---	---				24.0	21.0	22.5	69.0	66.5	68.0
24	---	---	---				23.5	21.0	22.0	69.0	65.0	67.5
25	---	---	---				25.0	20.5	22.5	69.0	68.0	68.5
26	---	---	---				24.0	18.5	21.5	69.0	68.5	69.0
27	---	---	---				23.5	21.0	22.5	68.5	68.5	68.5
28	---	---	---				25.5	21.5	23.5	69.0	67.5	68.5
29	---	---	---				25.5	22.0	23.5	69.5	69.0	69.0
30	---	---	---				28.0	23.5	26.0	70.0	69.5	69.5
31	---	---	---				---	---	---	70.0	69.0	69.5
MONTH	69.5	60.5	68.0				28.0	17.5	21.0	70.0	20.5	38.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	70.0	69.0	69.5	69.5	65.0	67.5	29.0	26.0	28.0	73.0	72.5	73.0
2	71.0	69.5	70.0	69.5	68.5	69.0	29.0	28.5	28.5	73.0	27.5	53.0
3	73.0	71.0	72.0	70.0	68.5	69.5	29.0	28.5	28.5	28.5	28.0	28.5
4	73.0	72.5	72.5	70.5	70.0	70.0	57.0	28.0	43.0	28.5	28.0	28.0
5	72.5	72.0	72.0	70.5	69.5	70.5	70.5	56.5	66.5	28.0	27.5	28.0
6	72.5	72.0	72.5	72.5	69.5	70.5	72.0	67.0	70.0	28.5	27.5	28.0
7	73.5	72.0	73.0	72.5	72.0	72.5	72.5	65.0	71.0	36.5	28.0	28.5
8	73.5	72.5	73.0	72.5	72.5	72.5	73.0	71.5	72.5	71.5	37.0	61.5
9	73.5	72.5	73.5	73.0	71.0	72.5	73.5	72.0	73.0	71.0	28.0	35.0
10	73.5	30.5	55.5	72.5	72.0	72.5	74.0	73.5	73.5	72.0	36.5	58.0
11	64.0	31.0	47.0	72.5	70.5	72.0	74.0	72.5	73.5	72.5	69.0	71.5
12	70.5	64.5	68.5	73.0	72.0	72.5	73.0	72.5	73.0	72.5	72.0	72.5
13	72.0	70.5	71.5	73.0	70.0	72.0	73.0	72.5	73.0	72.5	71.5	72.0
14	72.5	72.0	72.5	72.0	71.0	71.5	74.5	72.0	73.5	72.5	71.5	72.0
15	73.0	72.5	72.5	71.5	67.5	70.0	74.0	72.5	73.5	74.0	69.0	71.5
16	73.0	72.5	72.5	72.5	68.5	70.5	74.5	73.0	74.0	72.5	71.5	72.0
17	72.5	30.5	47.0	73.5	72.5	73.5	73.0	72.5	73.0	73.0	71.0	72.0
18	30.5	28.0	29.5	74.5	73.5	74.0	73.0	72.5	73.0	72.0	71.0	71.5
19	28.0	27.5	27.5	74.5	73.5	74.0	73.5	73.0	73.0	72.0	71.0	71.5
20	28.0	27.0	27.5	74.0	73.5	73.5	73.5	71.5	73.0	74.0	71.5	72.5
21	27.5	27.0	27.5	74.0	73.5	73.5	73.5	73.0	73.0	73.5	72.0	72.5
22	27.5	27.0	27.5	74.0	73.0	73.5	74.0	73.0	73.5	73.0	72.5	72.5
23	28.0	27.5	28.0	73.5	73.5	73.5	73.5	71.0	73.0	72.5	72.0	72.5
24	28.0	27.5	27.5	74.0	73.5	73.5	74.0	69.0	73.0	72.5	69.0	72.0
25	28.0	27.5	27.5	73.5	73.0	73.5	73.5	71.5	73.0	73.0	72.0	72.5
26	28.0	27.5	28.0	73.5	72.5	73.5	73.5	73.0	73.5	73.5	71.0	72.5
27	29.0	28.0	28.5	73.5	72.0	72.5	73.5	72.5	73.0	73.5	71.5	72.5
28	29.0	28.5	28.5	73.0	30.5	56.5	74.0	72.5	73.0	72.5	72.0	72.0
29	35.0	28.5	29.5	30.5	24.0	26.5	73.5	72.0	73.0	72.5	25.0	39.5
30	64.5	41.5	52.5	24.0	23.5	23.5	73.5	71.5	73.0	25.5	25.0	25.5
31	---	---	---	25.5	23.5	24.0	73.0	73.0	73.0	---	---	---
MONTH	73.5	27.0	51.5	74.5	23.5	67.0	74.5	26.0	67.5	74.0	25.0	59.5
YEAR	74.5	5.0	54.5									

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC

LOCATION.--Lat 33°04'58", long 81°35'54", Allendale County, Hydrologic Unit 03060106, on left bank 2.8 mi downstream from Steel Creek, 12.6 mi upstream from Lower Three Runs, 3.7 mi west of Millett and at mile 138.8.

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.4°C Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.0°C several days June thru Sept; minimum, 5.0°C Feb. 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.5	21.5	22.0	22.5	22.5	22.5	24.0	23.5	23.5	22.5	22.5	22.5
2	23.5	22.5	23.0	23.0	22.0	22.5	24.0	24.0	24.0	23.0	22.5	22.5
3	24.0	23.0	23.5	23.0	22.0	22.5	24.0	23.5	24.0	23.5	23.0	23.0
4	24.5	23.5	24.0	23.0	22.5	23.0	24.0	23.5	23.5	24.0	23.5	23.5
5	25.0	24.0	24.5	23.0	22.5	23.0	23.5	23.0	23.0	24.5	24.0	24.0
6	25.0	24.5	25.0	23.0	22.5	23.0	23.5	22.5	23.0	24.5	24.0	24.0
7	25.0	24.5	25.0	23.0	22.5	22.5	23.5	23.0	23.0	24.5	24.0	24.5
8	25.0	24.0	24.5	23.0	22.5	22.5	23.5	23.0	23.0	24.5	24.0	24.5
9	24.5	24.0	24.0	23.5	22.5	23.0	23.5	23.0	23.0	25.0	24.0	24.5
10	25.0	24.0	24.5	24.0	23.0	23.5	23.5	23.0	23.5	25.0	24.5	24.5
11	25.0	24.5	25.0	24.5	24.0	24.0	24.0	23.5	23.5	25.0	24.5	24.5
12	25.0	24.0	24.5	24.5	24.0	24.0	24.5	23.5	24.0	25.0	24.5	24.5
13	24.5	23.5	24.0	24.5	23.5	24.0	24.5	23.5	24.0	24.5	23.5	24.0
14	24.0	23.0	23.5	24.5	24.0	24.0	24.5	24.0	24.5	23.0	22.5	22.5
15	23.0	22.5	22.5	24.5	24.0	24.0	24.5	24.0	24.5	22.5	21.5	22.0
16	22.5	22.0	22.0	24.5	24.0	24.0	24.5	24.0	24.5	22.0	21.0	21.0
17	23.0	22.0	22.5	24.5	24.0	24.5	25.0	24.5	24.5	21.0	20.5	21.0
18	23.5	22.5	23.0	25.0	24.5	24.5	25.0	24.5	24.5	21.0	20.5	21.0
19	23.5	23.0	23.0	25.0	24.5	25.0	25.0	24.0	24.5	21.0	20.5	21.0
20	23.5	22.5	23.0	25.0	24.0	24.5	25.0	24.5	24.5	21.5	21.0	21.0
21	23.5	23.0	23.0	24.5	24.5	24.5	25.0	24.5	25.0	22.0	21.5	21.5
22	23.5	22.5	23.0	25.0	24.0	24.5	25.0	24.5	24.5	22.0	21.5	22.0
23	23.0	22.0	22.5	24.5	24.0	24.5	25.0	24.5	24.5	22.5	22.0	22.0
24	23.0	22.5	22.5	24.5	24.0	24.5	24.5	24.0	24.5	22.5	22.0	22.5
25	23.0	22.0	22.5	24.5	24.0	24.5	24.5	24.0	24.5	22.5	22.0	22.5
26	23.0	22.5	22.5	24.0	23.5	24.0	24.0	23.5	24.0	22.5	22.5	22.5
27	23.0	22.5	23.0	24.0	23.5	23.5	24.0	23.5	23.5	22.5	22.5	22.5
28	23.0	22.5	23.0	23.5	23.5	23.5	24.0	23.5	24.0	22.5	21.5	22.0
29	23.0	22.5	23.0	23.5	23.0	23.0	24.0	23.5	23.5	21.5	21.0	21.5
30	23.0	22.5	22.5	23.5	23.0	23.0	23.5	23.5	23.5	21.5	21.0	21.5
31	---	---	---	23.5	23.0	23.0	23.0	22.5	23.0	---	---	---
MONTH	25.0	21.5	23.5	25.0	22.0	23.5	25.0	22.5	24.0	25.0	20.5	22.5
YEAR	25.0	5.0	18.0									

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'07", long 81°31'00", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left upstream side of bridge at SRP Road B.

PERIOD OF RECORD.--April 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since April 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 32.6°C, June 19, 1984; minimum, 8.0°C, Jan. 26, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 14, Aug. 20; minimum, 8.0°C, Jan. 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

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

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.5	12.0	12.5	16.5	15.5	16.0	21.0	19.5	20.5	23.0	15.0	19.0
2	15.0	12.0	13.5	18.0	16.0	17.0	20.5	18.5	19.5	21.0	16.5	18.5
3	13.0	12.5	13.0	18.0	16.0	17.0	20.0	18.0	19.0	21.5	16.5	18.5
4	13.4	11.9	12.5	17.5	16.0	17.0	21.0	18.0	19.5	23.0	14.5	18.0
5	12.4	10.4	12.0	18.5	16.0	17.5	20.5	18.0	19.0	24.0	14.0	18.0
6	12.5	11.9	12.0	18.0	16.0	17.5	19.5	18.0	18.5	24.0	14.5	19.0
7	12.5	12.0	12.0	17.5	15.5	16.5	20.0	18.0	19.0	23.0	15.5	19.0
8	12.5	12.0	12.0	19.5	16.0	18.0	20.0	17.5	18.5	19.0	16.5	17.5
9	14.5	11.5	12.5	21.0	17.5	19.0	19.5	17.0	18.0	21.5	16.0	18.0
10	13.0	11.5	12.5	20.0	18.0	19.0	19.5	16.0	17.5	23.0	17.0	19.5
11	11.5	10.5	11.5	19.0	17.5	18.0	21.0	16.0	18.0	23.5	17.0	19.5
12	10.5	10.0	10.5	19.0	17.0	18.0	21.0	16.5	18.5	23.0	17.5	19.5
13	10.5	10.0	10.0	21.0	17.0	18.5	19.0	17.5	18.0	23.5	17.0	20.0
14	11.5	10.5	11.0	21.0	18.0	19.5	19.0	17.5	18.0	24.0	16.5	20.0
15	11.5	10.5	11.0	20.0	18.0	19.5	20.5	17.5	18.5	23.0	16.5	19.5
16	11.5	10.5	11.0	18.0	17.5	17.5	21.5	17.5	19.0	23.5	17.0	19.5
17	12.0	10.5	11.0	19.5	17.5	18.5	22.5	17.0	19.0	23.5	16.5	19.5
18	12.0	11.0	11.5	18.5	16.5	17.5	23.5	17.0	19.5	24.0	16.5	19.5
19	14.5	11.0	12.5	18.5	16.0	17.0	24.5	16.5	20.0	23.5	15.5	19.0
20	14.5	13.5	14.0	19.5	15.0	17.0	25.5	16.5	20.5	21.5	16.0	18.5
21	13.5	13.0	13.5	17.0	16.0	16.5	25.0	17.0	20.0	23.5	17.0	19.5
22	14.5	13.0	14.0	17.0	15.5	16.5	25.0	16.0	19.5	22.5	17.0	19.0
23	15.0	14.0	14.0	19.5	16.0	17.5	23.0	16.5	19.5	25.5	18.0	21.5
24	16.0	14.0	15.0	18.5	17.0	17.5	23.0	17.0	19.5	25.5	21.0	23.0
25	18.5	16.5	17.5	18.0	16.0	17.0	25.5	17.5	20.5	25.5	22.0	23.5
26	17.5	16.0	17.0	20.0	16.0	17.5	25.0	15.5	19.5	27.5	23.0	25.0
27	18.0	17.0	17.5	19.0	16.0	17.0	23.0	16.5	19.5	27.0	23.0	25.0
28	18.0	16.0	17.0	19.5	17.0	18.0	25.0	17.0	20.5	26.0	24.0	25.0
29	---	---	---	21.0	17.5	19.0	24.5	17.5	20.5	28.0	24.5	26.0
30	---	---	---	22.5	18.5	20.5	24.0	16.0	19.5	27.5	26.0	26.5
31	---	---	---	21.5	19.0	20.0	---	---	---	27.5	26.0	27.0
MONTH	18.5	10.0	13.0	22.5	15.0	18.0	25.5	15.5	19.0	28.0	14.0	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	26.5	28.0	27.0	25.5	26.0	30.0	29.0	29.5	28.0	27.5	27.5
2	30.5	28.0	29.0	27.5	25.0	26.5	29.0	28.5	29.0	28.0	27.5	27.5
3	31.0	28.5	30.0	28.0	25.0	26.5	28.5	27.5	28.0	29.5	27.5	28.0
4	30.5	27.5	29.5	29.5	25.5	27.0	28.0	27.0	27.5	29.5	27.5	28.5
5	31.5	28.0	29.5	28.0	26.0	26.5	28.0	27.0	27.5	29.0	27.5	28.0
6	32.0	27.5	29.5	28.0	26.0	26.5	28.0	27.0	27.0	29.5	27.5	28.5
7	30.5	26.0	29.0	29.0	26.0	27.5	27.5	27.0	27.0	29.5	28.0	28.5
8	30.5	28.0	29.0	29.5	27.5	28.5	27.5	27.0	27.0	30.0	28.5	29.0
9	30.5	29.0	29.5	31.0	27.5	29.5	28.0	27.0	27.5	30.5	28.5	29.5
10	30.5	29.5	30.0	30.5	28.0	29.0	29.5	28.0	28.5	30.5	29.0	29.5
11	30.0	28.5	29.5	30.5	28.0	29.0	30.5	28.5	29.5	31.0	29.0	29.5
12	29.0	27.5	28.5	30.0	27.5	28.5	30.5	28.5	29.5	29.5	28.5	29.0
13	29.0	27.0	28.0	31.0	27.0	28.5	30.0	28.5	29.0	28.0	27.0	27.5
14	28.5	26.5	27.5	32.5	27.5	29.0	29.5	28.0	29.0	27.0	25.5	26.0
15	27.5	26.5	27.0	31.0	28.0	29.0	29.5	28.0	29.0	26.0	24.5	25.5
16	27.5	26.0	27.0	31.0	28.0	29.0	30.0	29.0	29.5	25.5	24.5	25.0
17	29.0	27.0	28.0	30.5	28.5	29.5	29.5	28.5	29.0	25.5	24.0	24.5
18	28.0	27.5	27.5	30.5	28.5	29.5	30.0	28.5	29.5	25.5	24.0	24.5
19	28.0	27.0	27.5	31.0	28.0	29.5	31.5	29.5	30.5	25.5	24.0	24.5
20	29.0	26.5	27.5	31.5	28.0	29.5	32.5	30.0	31.0	26.0	24.5	25.0
21	29.5	26.5	28.0	30.5	28.5	29.0	31.0	29.5	30.0	25.5	24.5	25.0
22	28.0	26.0	27.5	30.5	28.0	29.0	30.0	29.5	29.5	27.0	25.0	25.5
23	30.0	26.5	27.5	31.0	28.0	29.0	30.0	29.0	29.5	26.5	24.5	25.5
24	30.0	26.5	28.0	29.5	27.5	28.5	29.5	29.0	29.0	27.5	24.5	26.0
25	28.5	26.5	27.5	29.0	28.0	28.5	29.5	28.5	29.0	27.0	25.5	26.0
26	30.0	26.5	28.0	29.0	28.0	28.5	28.5	28.5	28.5	27.0	25.0	25.5
27	28.0	26.0	27.0	29.0	27.5	28.0	29.5	28.0	28.5	25.5	24.0	25.0
28	28.0	25.5	26.5	29.0	27.5	28.0	29.5	28.5	29.0	24.5	22.5	23.5
29	27.0	25.5	26.0	29.5	28.0	28.5	29.0	28.5	29.0	24.5	22.0	23.5
30	27.5	26.0	26.5	29.5	28.0	29.0	28.5	28.0	28.0	25.5	23.0	24.0
31	---	---	---	29.5	28.5	29.0	28.0	27.5	27.5	---	---	---
MONTH	32.0	25.5	28.0	32.5	25.0	28.5	32.5	27.0	29.0	31.0	22.0	26.5
YEAR	32.5	8.0	20.5									

02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35", long 81°28'50", Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi^2.

PERIOD OF RECORD.--March 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those below 70 ft^3/s, which are poor.

AVERAGE DISCHARGE.--11 years, 84.3 ft^3/s, 19.31 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 735 ft^3/s, Mar. 13, 1980, gage height, 3.99 ft; minimum daily, 15 ft^3/s, Oct. 4-9, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 299 ft^3/s, Feb. 6, gage height, 3.23 ft; minimum daily, 17 ft^3/s, May 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	33	40	42	41	59	40	20	44	31	78	88
2	30	34	40	43	50	58	41	21	42	28	87	87
3	27	41	48	92	49	57	41	22	42	26	76	82
4	25	41	48	153	44	55	38	21	41	25	64	81
5	25	39	51	95	101	54	36	20	40	27	58	72
6	24	39	66	70	277	52	52	20	39	30	55	63
7	25	37	55	65	138	49	42	20	39	31	54	55
8	25	37	48	62	95	46	37	20	86	30	73	51
9	24	38	46	59	86	45	35	20	64	28	82	49
10	24	39	46	57	81	45	33	22	53	27	79	47
11	24	42	48	54	79	43	32	21	47	26	71	48
12	25	43	49	54	87	43	31	20	51	27	66	56
13	25	42	51	52	82	42	30	19	48	26	64	52
14	24	40	50	50	73	40	31	18	42	28	62	48
15	24	38	49	50	69	40	30	18	40	39	60	44
16	25	40	49	46	66	40	29	19	79	30	62	41
17	27	38	52	48	63	51	28	18	74	37	61	38
18	48	38	53	50	61	44	27	18	59	32	59	35
19	32	39	51	47	60	40	26	18	58	30	59	34
20	29	40	50	46	70	38	25	17	53	28	57	32
21	28	36	45	45	70	42	25	18	47	27	58	31
22	29	36	44	43	63	50	24	21	43	26	68	31
23	28	34	44	42	61	43	23	51	39	31	64	29
24	28	34	43	42	59	42	23	29	37	32	62	28
25	27	34	43	40	63	40	23	26	34	36	72	28
26	27	35	43	39	68	38	22	26	32	35	105	28
27	28	35	43	36	80	37	21	27	30	34	84	27
28	30	48	42	37	75	37	22	28	25	54	74	25
29	37	52	42	37	---	37	21	31	26	82	73	24
30	33	42	42	36	---	35	21	40	37	76	99	26
31	33	---	42	42	---	35	---	45	---	75	97	---
TOTAL	882	1164	1463	1674	2211	1377	909	734	1391	1094	2183	1380
MEAN	28.5	38.8	47.2	54.0	79.0	44.4	30.3	23.7	46.4	35.3	70.4	46.0
MAX	48	52	66	153	277	59	52	51	86	82	105	88
MIN	24	33	40	36	41	35	21	17	25	25	54	24

CAL YR 1984	TOTAL	30330	MEAN	82.9	MAX	470	MIN	19
WTR YR 1985	TOTAL	16462	MEAN	45.1	MAX	277	MIN	17

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 of bridge on U.S. Highway 301, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 129.2.

DRAINAGE AREA.--8,650 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is 52.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Clark Hill Lake (see 02194500).

AVERAGE DISCHARGE.--34 years, 10,500 ft^3/s, 16.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 141,000 ft^3/s, Aug. 18, 1940; gage height, 27.0 ft; minimum daily, 2,120 ft^3/s, Sept. 9, 1951.

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 ft^3/s, from rating curve extended above 141,000 ft^3/s.

EXTREMES FOR CURRENT YEAR: Maximum discharge, 19,700 ft^3/s, Feb. 10, gage height, 14.69 ft; minimum daily, 4,830 ft^3/s, Sept. 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7000	7360	7070	6090	6620	9910	6550	5740	5650	5780	6740	7210
2	7440	7690	6820	6080	6750	10200	6240	5900	5260	5880	6790	6930
3	7920	7300	6760	6370	10100	8500	6170	6040	5150	5910	6710	6670
4	7810	6880	6960	7810	13300	7300	6540	6530	5250	5870	6530	6490
5	7530	6580	7000	8960	14800	7410	6880	6810	5410	5750	6190	6330
6	7020	6500	7260	9210	15600	9100	7080	6870	5360	5820	6040	6160
7	6560	6570	7850	8120	16400	9940	7680	6560	5450	6260	6040	6120
8	6360	7150	7690	7100	17400	10200	7260	6020	5840	6320	6050	6120
9	6530	6960	8090	6710	18500	10300	6570	5750	6020	5950	6280	6000
10	7030	6590	7130	6550	19500	10000	6300	5740	5910	5620	6360	5980
11	7150	6340	6610	6450	18500	8280	6450	5720	5690	5450	6370	6000
12	7220	6400	6250	6500	15500	7280	7130	5660	5530	5520	6160	6190
13	6670	6610	6080	6520	15100	7210	7160	5700	5470	5720	5950	6330
14	6270	6290	6170	6500	15600	6860	6930	5710	5490	5940	6000	5980
15	5900	6240	6170	6400	16100	7070	6550	6040	5590	6140	5960	5420
16	5970	7760	6020	6340	16500	7290	6300	6620	5950	6470	5850	5030
17	7170	7630	6050	6290	16500	7400	6130	6450	6340	6720	5770	4830
18	7550	6700	6130	6340	14900	7190	6320	6080	6460	6630	5680	4980
19	7480	6180	6350	6360	11500	6780	6480	5780	6270	6420	5620	5100
20	7050	6290	6470	6190	12000	6660	7480	5600	6010	6260	5610	5160
21	6160	6470	6430	6000	12600	7180	7190	5590	5890	6540	5580	5250
22	5730	6500	6510	7740	13600	7830	6210	5610	6010	6190	5600	5150
23	6040	6290	6390	10500	14100	8030	5840	5630	6070	5930	5660	4980
24	7290	6550	6190	8950	13500	7510	6550	5590	6160	6120	5670	5000
25	7080	6990	6080	7360	10500	6590	6850	5530	6260	6180	5650	5100
26	7030	7000	6100	6600	9100	6230	6140	5420	5990	6200	5810	5190
27	6940	6840	6090	6300	9660	6410	5740	5350	5860	6390	6160	5200
28	6340	6630	6080	6130	9930	6830	5740	5320	5720	6570	6270	5060
29	6510	6800	6050	6230	---	6840	5730	5400	5590	6700	6330	4920
30	6840	7020	6130	6880	---	6920	5710	5520	5730	6700	6590	4870
31	6740	---	6110	7020	---	6960	---	5790	---	6880	7030	---
TOTAL	212330	203110	203090	216600	384160	242210	195900	182070	173380	190830	189050	169750
MEAN	6849	6770	6551	6987	13720	7813	6530	5873	5779	6156	6098	5658
MAX	7920	7760	8090	10500	19500	10300	7680	6870	6460	6880	7030	7210
MIN	5730	6180	6020	6000	6620	6230	5710	5320	5150	5450	5580	4830

CAL YR 1984	TOTAL	4669670	MEAN	12760	MAX	33600	MIN	5730
WTR YR 1985	TOTAL	2562480	MEAN	7020	MAX	19500	MIN	4830

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 mi^2, 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.--Water-stage recorder. Datum of gage is 13.39 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Clark Hill Lake (sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--52 years, 12,000 ft^3/s, 16.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 270,000 ft^3/s Oct. 6, 1929, gage height, 29.7 ft, present datum (from information by Corps of Engineers), from rating curve extended above 120,000 ft^3/s; minimum daily, 1,950 ft^3/s Sept. 27, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19,500 ft^3/s Feb. 15, gage height, 12.89 ft; minimum daily, 5,260 ft^3/s Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7810	6940	7080	6340	7010	11200	7530	6100	5760	5770	6930	7740
2	7410	7330	7180	6320	6830	11100	7260	6110	5750	5820	6940	7970
3	7590	7700	7050	6360	6880	11200	6940	6230	5550	5900	6920	7900
4	8040	7530	6950	6660	9020	10500	6810	6310	5430	5950	6870	7590
5	8080	7140	7130	7630	11200	9070	6990	6640	5450	5970	6740	7250
6	7840	6830	7220	8860	12600	8590	7330	6950	5540	5890	6490	6960
7	7410	6700	7380	9400	13500	9500	7580	7020	5590	5860	6300	6700
8	6980	6740	7870	8930	14200	10400	7980	6840	5680	6110	6370	6530
9	6710	7080	7960	7970	14900	10800	7880	6410	5820	6270	6470	6430
10	6740	7110	8240	7400	15600	11000	7300	6140	5970	6090	6680	6290
11	7080	6830	7720	7140	16300	11000	6950	6070	5930	5830	6810	6200
12	7250	6580	7120	7000	17200	9910	6970	6050	5800	5670	6770	6170
13	7310	6520	6760	7010	18200	8590	7440	6000	5680	5670	6570	6230
14	7000	6670	6550	7060	19100	8090	7660	6000	5610	5750	6360	6320
15	6570	6530	6560	7020	19400	7770	7510	6030	5600	5880	6310	6130
16	6260	6430	6590	6900	19200	7760	7200	6240	5890	6040	6300	5780
17	6190	7370	6500	6750	18600	8000	6910	6610	6000	6360	6220	5480
18	6920	7710	6460	6630	18100	8090	6720	6560	6210	6610	6120	5290
19	7470	7090	6500	6570	17700	7950	6790	6280	6360	6590	5960	5310
20	7570	6540	6630	6550	17200	7610	6970	6000	6310	6420	5840	5390
21	7250	6440	6740	6400	16200	7480	7630	5830	6100	6300	5790	5430
22	6610	6600	6730	6250	15200	7820	7650	5780	5960	6420	5750	5470
23	6170	6640	6750	7280	14600	8380	6930	5830	5970	6380	5740	5440
24	6250	6520	6690	9620	14400	8660	6480	5800	6010	6170	5790	5320
25	7020	6620	6520	9560	14400	8360	6820	5750	6060	6150	5870	5290
26	7260	6970	6390	8050	14100	7590	7110	5710	6120	6190	5930	5380
27	7150	7090	6360	6990	12600	7090	6680	5640	5980	6230	6080	5420
28	7090	7030	6350	6550	11500	7080	6270	5590	5860	6370	6270	5430
29	6720	6840	6340	6340	---	7360	6180	5550	5760	6680	6420	5360
30	6660	6880	6320	6340	---	7470	6140	5590	5750	6780	6670	5260
31	6900	---	6340	6740	---	7500	---	5640	---	6820	7280	---
TOTAL	219310	207000	212980	224620	405740	272920	212610	189300	175500	190940	197560	183460
MEAN	7075	6900	6870	7246	14490	8804	7087	6106	5850	6159	6373	6115
MAX	8080	7710	8240	9620	19400	11200	7980	7020	6360	6820	7280	7970
MIN	6170	6430	6320	6250	6830	7080	6140	5550	5430	5670	5740	5260

CAL YR 1984	TOTAL	5110800	MEAN	13960	MAX	37500	MIN	6170
WTR YR 1985	TOTAL	2691940	MEAN	7375	MAX	19400	MIN	5260

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1965 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
OCT												
09...	1130	6920	86	7.0	22.0	10	769	8.0	91	--	--	--
09...	1135	6920	--	--	--	--	--	--	--	--	--	--
NOV												
13...	1050	6760	87	6.9	14.5	6.0	771	8.6	83	--	--	--
13...	1105	6760	--	--	--	--	--	--	--	--	--	--
15...	1545	6500	77	6.0	15.5	6.1	769	9.0	89	600	220	17
DEC												
04...	1045	6920	85	6.9	14.0	8.0	774	9.4	90	--	--	--
04...	1050	6920	--	--	--	--	--	--	--	--	--	--
JAN												
15...	1120	7160	88	6.8	8.5	8.0	767	10.4	88	--	--	--
15...	1125	7160	--	--	--	--	--	--	--	--	--	--
FEB												
12...	1120	17100	58	6.8	7.0	29	759	9.8	81	--	--	--
12...	1125	17100	--	--	--	--	--	--	--	--	--	--
27...	1000	12800	69	6.3	15.0	9.0	765	8.1	80	K5	K37	17
MAR												
05...	1140	9040	87	7.1	14.5	17	768	9.2	90	--	--	--
05...	1145	9040	--	--	--	--	--	--	--	--	--	--
APR												
09...	0845	7920	84	7.3	16.0	10	772	8.6	86	--	--	--
MAY												
08...	0800	6950	96	7.3	20.0	--	767	7.8	85	--	--	--
08...	0805	6950	--	--	--	--	--	--	--	--	--	--
17...	1630	6700	80	7.2	23.5	7.0	749	7.0	84	K53	160	16
JUN												
11...	0800	5940	123	7.4	25.5	15	768	4.1	50	--	--	--
11...	0805	5940	--	--	--	--	--	--	--	--	--	--
JUL												
09...	0815	6270	86	7.3	27.0	15	766	6.8	85	--	--	--
09...	0820	6270	--	--	--	--	--	--	--	--	--	--
AUG												
07...	0800	6290	9	7.3	24.5	10	767	7.2	86	--	--	--
29...	1000	6430	84	7.2	25.5	4.3	768	6.9	84	K40	150	19
SEP												
10...	0725	6310	89	7.2	26.5	11	766	7.8	97	--	--	--

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT											
09...	--	--	--	--	--	--	--	22	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
NOV											
13...	--	--	--	--	--	--	--	22	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
15...	0	4.5	1.3	8.7	51	1	1.5	21	6.0	6.8	<.10
DEC											
04...	--	--	--	--	--	--	--	22	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--
JAN											
15...	--	--	--	--	--	--	--	20	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	10	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
27...	1	4.5	1.4	7.6	47	.8	1.3	19	7.4	5.6	<.10
MAR											
05...	--	--	--	--	--	--	--	22	--	--	--
05...	--	--	--	--	--	--	--	--	--	--	--
APR											
09...	--	--	--	--	--	--	--	22	--	--	--
MAY											
08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--
17...	0	4.3	1.3	9.8	54	1	1.9	21	7.4	7.8	<.10
JUN											
11...	--	--	--	--	--	--	--	21	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--
JUL											
09...	--	--	--	--	--	--	--	19	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
AUG											
07...	--	--	--	--	--	--	--	22	--	--	--
29...	0	5.3	1.4	9.7	50	1	1.4	21	8.3	7.1	<.10
SEP											
10...	--	--	--	--	--	--	--	22	--	--	--

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)
OCT											
09...	--	--	--	--	--	--	--	--	--	.130	--
09...	--	--	--	--	--	--	--	--	--	--	--
NOV											
13...	--	--	--	--	--	--	--	--	--	.120	--
13...	--	--	--	--	--	--	--	--	--	--	--
15...	9.9	59	50	.08	1040	.40	.100	.13	.60	.060	.060
DEC											
04...	--	--	--	--	--	--	--	--	--	.160	--
04...	--	--	--	--	--	--	--	--	--	--	--
JAN											
15...	--	--	--	--	--	--	--	--	--	.110	--
15...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	--	--	.070	--
12...	--	--	--	--	--	--	--	--	--	--	--
27...	8.9	58	47	.08	2000	--	--	--	.80	.070	.050
MAR											
05...	--	--	--	--	--	--	--	--	--	.070	--
05...	--	--	--	--	--	--	--	--	--	--	--
APR											
09...	--	--	--	--	--	--	--	--	--	.150	--
MAY											
08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--
17...	8.9	65	56	.09	1180	.42	.100	.13	1.4	.100	.080
JUN											
11...	--	--	--	--	--	--	--	--	--	.130	--
11...	--	--	--	--	--	--	--	--	--	--	--
JUL											
09...	--	--	--	--	--	--	--	--	--	.140	--
09...	--	--	--	--	--	--	--	--	--	--	--
AUG											
07...	--	--	--	--	--	--	--	--	--	.130	--
29...	8.9	63	56	.09	1090	--	--	--	--	--	--
SEP											
10...	--	--	--	--	--	--	--	--	--	.130	--

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
OCT											
09...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
NOV											
13...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
15...	.070	.21	40	<1	11	.0	<1	2	<3	<1	170
DEC											
04...	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--
JAN											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	70	<1	13	<.5	<1	<1	3	2	170
MAR											
05...	--	--	--	--	--	--	--	--	--	--	--
05...	--	--	--	--	--	--	--	--	--	--	--
APR											
09...	--	--	--	--	--	--	--	--	--	--	--
MAY											
08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--
17...	.060	.18	30	<1	16	<.5	<1	1	<3	2	180
JUN											
11...	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--
JUL											
09...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
AUG											
07...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	10	<1	14	<.5	<1	<1	<3	2	140
SEP											
10...	--	--	--	--	--	--	--	--	--	--	--

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	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)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT											
09...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
NOV											
13...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
15...	1	<4	10	.1	<10	<1	<1	<1	30	<6	<3
DEC											
04...	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--
JAN											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
27...	4	5	15	.2	<10	1	<1	1	31	<6	<3
MAR											
05...	--	--	--	--	--	--	--	--	--	--	--
05...	--	--	--	--	--	--	--	--	--	--	--
APR											
09...	--	--	--	--	--	--	--	--	--	--	--
MAY											
08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--
17...	5	<4	10	.1	<10	<1	<1	<1	30	<6	12
JUN											
11...	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--
JUL											
09...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
AUG											
07...	--	--	--	--	--	--	--	--	--	--	--
29...	2	4	4	.2	<10	2	<1	<1	34	<6	<3
SEP											
10...	--	--	--	--	--	--	--	--	--	--	--

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)
OCT											
09...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
NOV											
13...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
15...	13	235	57	<1.1	<.4	2.4	<.4	2.1	<.4	.04	--
DEC											
04...	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--
JAN											
15...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
27...	25	867	78	<.9	.5	2.0	<.4	1.7	<.4	.06	.01
MAR											
05...	--	--	--	--	--	--	--	--	--	--	--
05...	--	--	--	--	--	--	--	--	--	--	--
APR											
09...	--	--	--	--	--	--	--	--	--	--	--
MAY											
08...	--	--	--	--	--	--	--	--	--	--	--
08...	--	--	--	--	--	--	--	--	--	--	--
17...	23	416	82	--	--	--	--	--	--	--	--
JUN											
11...	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--
JUL											
09...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
AUG											
07...	--	--	--	--	--	--	--	--	--	--	--
29...	8	142	45	--	--	--	--	--	--	--	--
SEP											
10...	--	--	--	--	--	--	--	--	--	--	--

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

02130908 LAKE ROBINSON.--34°23'40", long 80°09'00", Darlington County, Hydrologic Unit 0340201, 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°42'10", 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 1984 TO SEPTEMBER 1985

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft³/s)
Sept. 30, 1984	220.4	1,295		96.8	8,733		98.5	1,416		94.9	4,780	
Oct. 31	220.7	1,320	9.3	97.7	9,183	168.0	98.8	1,458	15.7	96.3	5,520	276.3
Nov. 30	220.7	1,322	0.8	97.1	8,881	-116.5	95.5	1,024	-167.4	97.0	5,902	147.4
Dec. 31, 1984	220.7	1,320	-0.7	97.0	8,832	-18.3	93.4	777	-92.2	97.2	6,012	41.1
CAL YR 1984			0.2			-4.7			-9.0			-1.8
Jan. 31, 1985	220.8	1,334	5.2	97.7	9,183	131.0	96.4	1,137	134.4	97.1	5,957	-20.5
Feb. 28	221.0	1,349	6.2	99.3	10,013	343.1	98.4	1,402	109.5	96.7	5,738	-90.5
Mar. 31	220.8	1,329	-7.5	94.0	7,407	-973.0	97.6	1,293	-40.7	96.9	5,847	40.7
Apr. 30	220.4	1,290	-15.0	97.2	8,931	588.0	94.1	857	-168.2	97.1	5,957	42.4
May 31	220.4	1,290	0.0	97.0	8,832	-37.0	96.1	1,099	-90.4	97.6	6,253	103.8
June 30	220.2	1,271	-7.3	97.0	8,832	0.0	96.4	1,137	14.7	97.0	5,902	-128.5
July 31	221.2	1,369	36.6	97.0	8,832	0.0	96.4	1,137	0.0	96.9	5,847	-20.5
Aug. 31	221.1	1,359	-3.7	98.2	9,438	226.3	97.3	1,254	43.7	98.6	6,804	357.3
Sept. 30, 1985	220.3	1,280	-30.5	97.0	8,832	-233.8	96.7	1,175	-30.5	96.9	5,847	-369.2
WTR YR 1985			-0.5			3.1			-7.6			33.8

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 each water year 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 1985 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi^2)	Period of record	Annual maximum		
					Probable date	Gage height (feet)	Discharge (ft^3/s)
		Pee Dee River basin					
02130400	Little Bear Creek near Chesterfield, SC	Lat 34°40'09", long 80°09'11", Chesterfield County, on upstream side of culvert on State Highway 145, 5.5 mi southwest of Chesterfield.	4.10	1975-85	8-18-85	6.32	(+)
02130550	Herndon Branch near Bennettsville, SC	Lat 34°38'27", long 79°44'46", Marlboro County, on upstream side of culvert on State Highway 9, 4.5 mi northwest of Bennettsville.	3.34	1975-85	8-18-85	<2.80	(+)
02130800	Back Swamp near Darlington, SC	Lat 34°18'11", long 79°46'07", Darlington County, on upstream side of culvert on State Highway 35, 5.7 mi east of Darlington.	6.22	1975-85	2-06-85 8-18-85	7.51* 5.45	 (+)
02131110	Jeffries Creek above Florence, SC	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.	46.6	1968-85	2-06-85	4.65	175
02131460	Neds Creek near Kershaw, SC	Lat 34°32'39", long 80°37'39", Kershaw County, on upstream side of concrete pipe culvert on State Highway 413, 1.0 mi upstream from Little Lynches River, and 3.2 mi east of Kershaw.	3.98	1975-85	8-18-85	3.20	(+)
02131500	Lynches River near Bishopville, SC	Lat 34°15'00", long 80°12'50", Lee County, near center of span on downstream side of bridge 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, and at mile 89.5.	675	1942-71† 1972-85	8-19-85	12.17	(+)
02131990	Carter Creek at Effingham, SC	Lat 34°03'51", long 79°46'03", Florence County, on upstream side of culvert on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River.	8.28	1974-85	2-06-85	<3.31	(+)
02132100	Two Mile Branch near Lake City, SC	Lat 33°53'38", long 79°45'38", Florence County, at culvert on U.S. Highway 378 By-Pass, and 1.4 mi north of Lake City.	19.0	1974-85	8-18-85	5.31	246
02132500	Little Pee Dee River near Dillon, SC	Lat 34°24'17", long 79°20'25", Dillon County, on downstream side of bridge on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upstream from Maple Swamp, and at mile 88.3.	524	1939-71† 1972-85	8-19-85	9.98	2660
02135620	Belt Branch near Manning, SC	Lat 33°41'54", long 80°13'51", Clarendon County, on downstream side of culvert on State Highway 261, 1.1 mi upstream from Pacotaligo Swamp.	0.83	1974-85	b	a	(+)
02136010	Chaney Swamp near Greeleyville, SC	Lat 33°35'12", long 79°56'48", Williamsburg County, at culvert on U.S. Highway 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville.	17.0	1974-85	7-29-85	6.45*	(+)
		Santee River Basin					
02147600	Scabber Branch near Great Falls, SC	Lat 34°30'17", long 81°00'22", Fairfield County, on upstream side of box culvert on State Highway 200, 1.1 mi upstream of Big Wateree Creek, and 7.0 mi southwest of Great Falls.	4.55	1975-85	8-17-85	8.82	(+)
02153500	Broad River at Gaffney, SC	Lat 35°05'20", long 81°34'20", Cherokee County, on right bank at downstream side of bridge on U.S. Hwy. 29, 0.3 mi upstream from Cherokee Creek, 4.4 mi downstream from Gaston Shoals Dam, 4.5 mi east of Gaffney, and at mile 270.3.	1490	1938-71† 1972-85	8-18-85	10.78	26,600

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1985 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi^2)	Period of record	Probable date	Gage height (feet)	Discharge (ft^3/s)
		Santee River basin--Continued					
02153750	Buck Horn Creek near York, SC	Lat 35°02'09", long 81°18'44", York County, on upstream side of culvert on State Highway 5, 4.5 mi upstream from Bullocks Creek, and 4.0 mi northwest of York.	5.23	1975-85	8-17-85	<3.62	(+)
02156300	Lawsons Fork Creek at Spartanburg, SC	Lat 34°56'53", long 81°52'08", Spartanburg County, on downstream side of bridge on secondary road, 0.8 mi east of Spartanburg.	74.7	1966-70† 1970-85	8-17-85	11.06	1820
02157500	Middle Tyger River at Lyman, SC	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman.	68.3	1937-68† 1970-85	8-17-85	10.54	3110
02159600	Dutchman Creek near Pauline, SC	Lat 34°47'55", long 81°52'46", Spartanburg County, on downstream side of bridge on County Road 90, 75 feet downstream from Smith Creek and 2.2 mi southwest of Pauline.	8.97	1966-85	8-17-85	7.60	1180
02160000	Fairforest Creek near Union, SC	Lat 34°40'45", long 81°41'25", Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union, and at mile 7.5.	183	1940-71† 1972-85	8-17-85	6.50	4900
02160130	Enoree River near Travelers Rest, SC	Lat 34°59'21", long 82°25'15", Greenville County, on upstream side of culvert on U.S. Highway 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest.	5.37	1974-85	8-17-85	4.81	181
02160500	Enoree River near Enoree, SC	Lat 34°36'38", long 81°54'35", Spartanburg County, on left bank 60 ft upstream from bridge on State Highway 49, 0.6 mi upstream from Warrior Creek, 3.0 mi southeast of Enoree, and at mile 47.7.	307	1929-76† 1977-85	2-04-85	4.09	3210
02160800	Second Creek near Pomaria, SC	Lat 34°20'06", long 81°30'11", Newberry County, on upstream side of culvert on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria.	1.87	1975-85	2-06-85	3.55	61
02162500	Saluda River near Greenville, SC	Lat 34°50'32", long 82°28'51", Pickens County, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream from Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of City Hall in Greenville, and at mile 132.0.	295	1941-85	8-17-85	7.38	3680
02163000	Saluda River near Pelzer, SC	Lat 34°40'05", long 82°27'55", Anderson County, on right bank 0.4 mi downstream from Hurricane Creek, 1.9 mi north of Pelzer, and at mile 114.2.	405	1929-71† 1972-85	8-17-85	5.03	4400
02165350	Dirty Creek Tributary near Laurens, SC	Lat 34°29'44", long 82°05'15", Laurens County, on upstream side of culvert on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens.	1.21	1975-85	2-02-85	3.66	38
02167200	Campbell Creek Tributary near Cross Hill, SC	Lat 34°18'18", long 81°58'53", Laurens County, at culvert on State Highway 560, 1.8 mi upstream from Campbell Creek, and 4.4 mi northeast of Cross Hill.	0.62	1974-85	2-02-85	3.98	56
02167750	Camping Creek Tributary near Prosperity, SC	Lat 34°12'35", long 81°30'08", Newberry County, on upstream side of culvert on County Road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity.	0.52	1974-85	2-06-85	<4.28	<35
02169540	Savanna Branch near Cayce, SC	Lat 33°55'47", long 81°07'05", Lexington County, on upstream side of culvert on State Highway 215, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce.	7.15	1974-85	2-06-85	3.18	144
02169960	Lake Marion Tributary near Vance, SC	Lat 33°27'26", long 80°26'32", Orangeburg County, on upstream side of box culvert on State Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance.	2.12	1975-85	5-23-85	3.36	43

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1985 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi^2)	Period of record	Probable date	Gage height (feet)	Discharge (ft^3/s)
		Edisto River basin					
02172500	South Fork Edisto River near Montmorenci, SC	Lat 33°04'35", long 81°30'50", Aiken County, near center of span on downstream side of bridge on State Highway 215, 0.4 mi upstream from Cedar Creek, 1 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorenci, and at mile 167.3.	198	1939-66† 1967-85	2-07-85	8.28	1870
02173250	Ritter Branch near Perry, SC	Lat 33°38'10", long 81°16'04", Aiken County, at culvert on State Highway 14, 0.3 mi upstream from Hollow Creek, 2.6 mi southeast of Perry.	2.22	1975-85	2-07-85	2.27	(+)
		Combahee River basin					
02175300	Turkey Creek near Barnwell, SC	Lat 33°17'05", long 81°21'46", Barnwell County, at bridge on State Highway 168, 0.5 mi downstream from Long Branch, and 3.0 mi north of Barnwell.	22.8	1975-85	2-06-85	5.08	210
02175450	Savannah Creek near Ehrhardt, SC	Lat 33°02'03", long 81°03'11", Colleton County, on upstream side of culvert on State Highway 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley.	12.4	1975-85	2-07-85	5.29	(+)
02176100	Remick Swamp near Hendersonville, SC	Lat 32°48'45", long 80°42'20", Colleton County, at culvert on U.S. Highway 17-A, 1.5 mi upstream from Bluehouse Swamp, and 2.0 mi northeast of Hendersonville.	7.67	1975-85	2-06-85	<2.50	(+)
		Savannah River basin					
02184100	Cleveland Creek near Fairplay, SC	Lat 34°31'32", long 82°59'29", Oconee County, on upstream side of culvert on State Highway 59, 1.0 mi northwest of Fairplay, and 2.4 mi upstream from Beaver Dam Creek.	5.61	1974-85	8-17-85	<5.04	(+)
02185400	Cane Creek near Walhalla, SC	Lat 34°46'48", long 83°06'22", Oconee County, on upstream side of culvert on State Highway 28, 2.5 mi northwest of Walhalla.	1.08	1975-85	8-17-85	5.21	(+)
02187900	Broadway Creek near Anderson, SC	Lat 34°30'09", long 82°35'00", Anderson County, at bridge on State Highway 48, 0.1 mi downstream from Cupboard Creek and 3.8 mi east of Anderson.	26.4	1975-85	2-06-85	5.80	560
02192450	Camp Creek near Honea Path, SC	Lat 34°23'18", long 82°29'00", Anderson County, on upstream side of culvert on State Highway 185, 2.0 mi upstream from Little River, and 6.7 mi southwest of Honea Path.	1.59	1975-85	2-06-85	<4.75	(+)
02192500	Little River near Mount Carmel, SC	Lat 34°04'13", long 82°30'02", McCormick County, on right bank, 480 ft downstream from Island Ford bridge, and 4.5 mi north of Mount Carmel.	217	1939-70† 1971-84	2-06-85	12.51	2710
02195660	Log Creek near Edgefield, SC	Lat 33°48'03", long 81°52'39", Edgefield County, on upstream side of culvert on State Highway 23, 3.3 mi east of Edgefield.	1.18	1975-85	2-06-85	3.54	(+)
02197410	Miller Creek Tributary near Baldoc, SC	Lat 33°04'08", long 81°24'26", Allendale County, on upstream side of culvert on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc.	7.51	1975-85	5-23-85	3.72	110

+ Discharge not determined.
† Operated as a continuous-record gaging station.
a Stage not determined.
b Date unknown.
* Caused by backwater from beaver dam.

GROUND WATER RECORDS

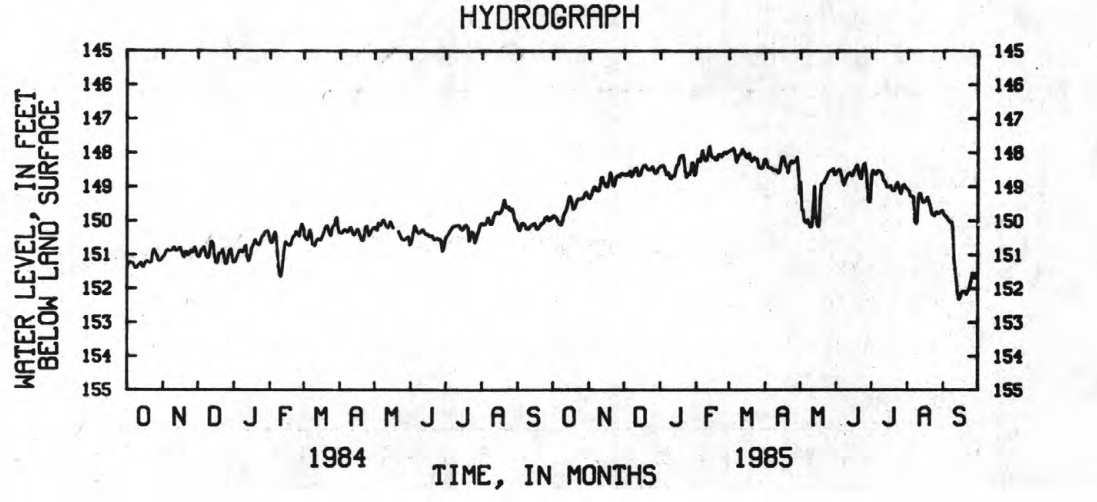
AIKEN COUNTY

331940081443501. Local number, AK-430.
LOCATION.--Lat 33°19'40", long 81°44'35", Hydrologic Unit 03060106, Federal land, at Savannah River Plant near Aiken.
Owner: U.S. Department of Energy.
AQUIFER.--Sands of the Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 279 ft, 8 in from 279 to 605 ft, depth 605 ft, screened intervals 390-400, 455-465, 590-600 ft.
INSTRUMENTATION.--Digital Recorder--60 minutes punch.
DATUM.--Land-surface datum is 357 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.
REMARKS.--Formerly listed AK-2 or LA-4 before 1974. Also known as SRP-4M. Electric log available in District file.
PERIOD OF RECORD.--1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 144.82 ft below land-surface datum, Feb. 23, 1966; lowest, 153.99 ft below land-surface datum, Sept. 16, 18, 19, 24, 26, 1970.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	149.84	149.35	148.65	148.39	148.36	147.94	148.20	148.86	148.55	148.64	149.09	149.79
2	149.87	149.27	148.67	148.37	148.18	147.91	148.30	149.69	148.53	148.51	149.12	149.86
3	149.90	149.20	148.60	148.36	148.19	147.92	148.42	149.69	148.48	148.56	149.26	149.87
4	149.93	149.09	148.66	148.41	148.26	147.86	148.45	149.99	148.53	148.63	149.29	149.92
5	150.01	148.99	148.59	148.51	148.11	147.91	148.45	150.07	148.65	148.61	149.27	149.96
6	150.07	149.02	148.53	148.65	147.92	148.06	148.46	150.03	148.83	148.52	149.33	150.02
7	150.12	149.11	148.70	148.59	148.10	148.29	148.51	149.96	148.96	148.54	150.03	150.06
8	150.10	149.11	148.67	148.58	148.22	148.20	148.51	150.05	148.86	148.55	150.09	150.02
9	149.98	149.14	148.56	148.74	148.24	148.06	148.50	150.17	148.74	148.57	149.99	150.18
10	149.82	148.97	148.46	148.78	148.17	148.06	148.52	150.18	148.67	148.64	149.35	151.07
11	149.74	148.73	148.44	148.67	147.94	148.01	148.56	150.08	148.61	148.81	149.19	151.40
12	149.68	148.71	148.50	148.69	147.80	147.89	148.60	149.53	148.58	148.83	149.21	151.69
13	149.56	148.88	148.67	148.69	148.01	147.97	148.50	148.98	148.62	148.89	149.36	152.05
14	149.38	148.90	148.66	148.49	148.14	148.02	148.28	149.81	148.69	149.01	149.46	152.33
15	149.27	148.99	148.59	148.35	148.15	148.11	148.11	150.10	148.65	149.00	149.45	152.32
16	149.33	149.01	148.48	148.36	148.13	148.16	148.12	150.18	148.51	148.99	149.41	152.19
17	149.46	148.91	148.39	148.16	148.20	148.02	148.21	150.11	148.46	148.96	149.36	152.10
18	149.66	148.78	148.36	148.08	148.22	148.02	148.38	149.27	148.36	149.06	149.30	152.07
19	149.62	148.57	148.37	148.11	148.11	148.19	148.46	148.91	148.37	149.11	149.42	152.12
20	149.56	148.72	148.44	148.06	148.03	148.26	148.60	148.89	148.60	149.12	149.53	152.07
21	149.44	148.93	148.50	148.19	148.07	148.18	148.37	148.88	148.74	149.05	149.66	152.18
22	149.35	148.99	148.48	148.52	148.12	148.13	148.29	148.80	148.77	148.94	149.82	152.09
23	149.36	148.87	148.51	148.73	148.08	148.19	148.23	148.73	148.49	148.87	149.85	152.02
24	149.36	148.71	148.46	148.66	147.99	148.17	148.30	148.66	148.35	148.97	149.86	151.91
25	149.36	148.66	148.40	148.59	147.98	148.24	148.25	148.57	148.30	149.09	149.74	151.74
26	149.34	148.67	148.48	148.64	148.02	148.42	148.26	148.53	148.51	149.20	149.73	151.53
27	149.29	148.71	148.59	148.52	147.99	148.45	148.22	148.53	148.82	149.06	149.79	151.56
28	149.21	148.60	148.61	148.28	147.97	148.45	148.12	148.49	149.38	148.93	149.78	151.70
29	149.15	148.61	148.54	148.33	---	148.46	148.44	148.47	149.46	148.94	149.74	151.67
30	149.22	148.63	148.47	148.67	---	148.34	149.22	148.64	149.33	149.02	149.70	151.51
31	149.29	---	148.42	148.63	---	148.19	---	148.64	---	149.05	149.70	---
MEAN	149.59	148.89	148.53	148.48	148.10	148.13	148.39	149.34	148.68	148.86	149.54	151.30
MAX	150.12	149.35	148.70	148.78	148.36	148.46	149.22	150.18	149.46	149.20	150.09	152.33
MIN	149.15	148.57	148.36	148.06	147.80	147.86	148.11	148.47	148.30	148.51	149.09	149.79

WTR YR 1985 MEAN 148.99 MAX 152.33 MIN 147.80



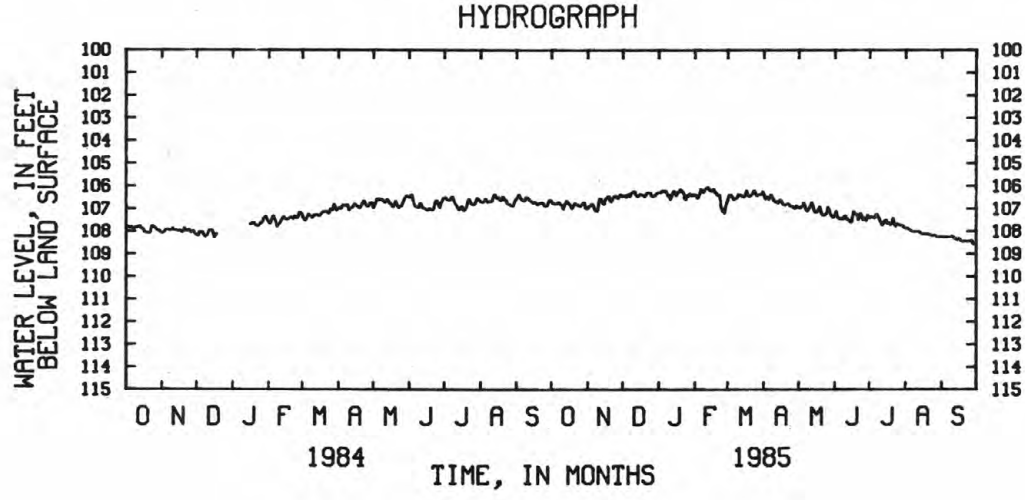
BARNWELL COUNTY

332358081252000. Local number, BW-78.
LOCATION.--Lat 33°23'58", long 81°25'20", Hydrologic Unit 03050207, 26 ft south of West Street, 41 ft east of Elko Street in Williston.
Owner: Town of Williston.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 12 in from surface to 500 ft, 10 in from 500 to 785 ft, depth 785 ft, screened intervals 568-578, 599-604, 638-658, 702-712, 734-744, 760-770 ft, gravel packed.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.
REMARKS.--Test hole Gamma logged Aug. 6, 1970 to 808 ft. Resistivity logged Aug. 6, 1970 to 800 ft. Pump test and water-quality data available in District files. Record between July 25 and September 9 affected by malfunctioning ADR.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 106.03 ft below land-surface datum, Feb. 12, 1985; lowest, 108.67 ft below land-surface datum, Feb. 4, 1983.

WATER LEVER, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	106.65	106.97	106.44	106.26	106.39	106.60	106.36	106.91	107.23	107.41	107.87	108.25
2	106.75	106.88	106.43	106.30	106.42	106.40	106.58	106.98	107.10	107.35	107.87	108.25
3	106.78	106.87	106.41	106.28	106.54	106.37	106.51	106.90	107.36	107.37	107.89	108.25
4	106.76	106.78	106.49	106.19	106.48	106.43	106.46	106.91	107.42	107.38	107.93	108.25
5	106.78	106.80	106.40	106.23	106.30	106.48	106.59	106.73	107.45	107.43	107.96	108.25
6	106.78	106.89	106.33	106.20	106.12	106.59	106.49	106.81	107.41	107.28	108.00	108.25
7	106.70	107.04	106.46	106.22	106.22	106.56	106.37	107.02	107.43	107.23	108.02	108.25
8	106.75	107.10	106.32	106.32	106.28	106.54	106.49	107.11	107.47	107.33	108.02	108.25
9	106.83	107.10	106.28	106.46	106.18	106.51	106.58	107.02	107.33	107.43	108.02	108.24
10	106.83	106.87	106.24	106.37	106.11	106.35	106.67	106.94	107.30	107.56	108.02	108.22
11	107.02	106.55	106.22	106.58	106.08	106.40	106.71	106.89	107.48	107.70	108.02	108.25
12	106.83	106.55	106.34	106.42	106.03	106.37	106.66	106.72	107.46	107.74	108.02	108.31
13	106.75	106.66	106.45	106.27	106.15	106.45	106.76	106.80	107.53	107.57	108.05	108.34
14	106.64	106.76	106.46	106.20	106.21	106.47	106.65	107.07	107.58	107.52	108.10	108.40
15	106.73	106.80	106.42	106.33	106.22	106.48	106.60	107.16	107.62	107.49	108.12	108.35
16	106.79	106.55	106.34	106.42	106.14	106.37	106.66	107.16	107.35	107.67	108.12	108.33
17	106.82	106.53	106.38	106.26	106.13	106.18	106.75	107.11	107.11	107.61	108.12	108.38
18	107.00	106.45	106.39	106.25	106.29	106.35	106.84	107.01	107.19	107.70	108.12	108.44
19	106.95	106.44	106.43	106.16	106.31	106.46	106.83	106.89	107.24	107.71	108.12	108.45
20	106.80	106.62	106.47	106.15	106.41	106.45	106.81	107.16	107.25	107.63	108.12	108.44
21	106.74	106.70	106.37	106.25	106.37	106.40	106.78	107.26	107.50	107.42	108.16	108.43
22	106.82	106.57	106.28	106.29	106.43	106.34	106.76	107.30	107.30	107.69	108.16	108.43
23	106.81	106.47	106.31	106.53	106.85	106.24	106.83	107.24	107.18	107.79	108.19	108.44
24	106.84	106.43	106.28	106.60	107.11	106.18	106.90	107.26	107.32	107.65	108.19	108.43
25	106.90	106.42	106.31	106.40	106.97	106.35	106.88	107.13	107.51	107.71	108.19	108.44
26	106.85	106.51	106.44	106.47	107.20	106.44	106.89	106.92	107.36	107.69	108.19	108.40
27	106.81	106.54	106.45	106.34	106.89	106.38	106.99	107.04	107.40	107.74	108.23	108.41
28	106.73	106.42	106.46	106.33	106.74	106.36	106.98	107.26	107.54	107.74	108.25	108.57
29	106.72	106.35	106.40	106.43	---	106.37	106.84	107.33	107.27	107.74	108.25	108.57
30	106.97	106.45	106.32	106.43	---	106.37	106.95	107.37	107.33	107.81	108.25	108.53
31	107.00	---	106.30	106.36	---	106.23	---	107.38	---	107.86	108.25	---
MEAN	106.81	106.67	106.37	106.33	106.41	106.40	106.71	107.06	107.37	107.58	108.09	108.36
MAX	107.02	107.10	106.49	106.60	107.20	106.60	106.99	107.38	107.62	107.86	108.25	108.57
MIN	106.64	106.35	106.22	106.15	106.03	106.18	106.36	106.72	107.10	107.23	107.87	108.22

WTR YR 1985 MEAN 107.02 MAX 108.57 MIN 106.03



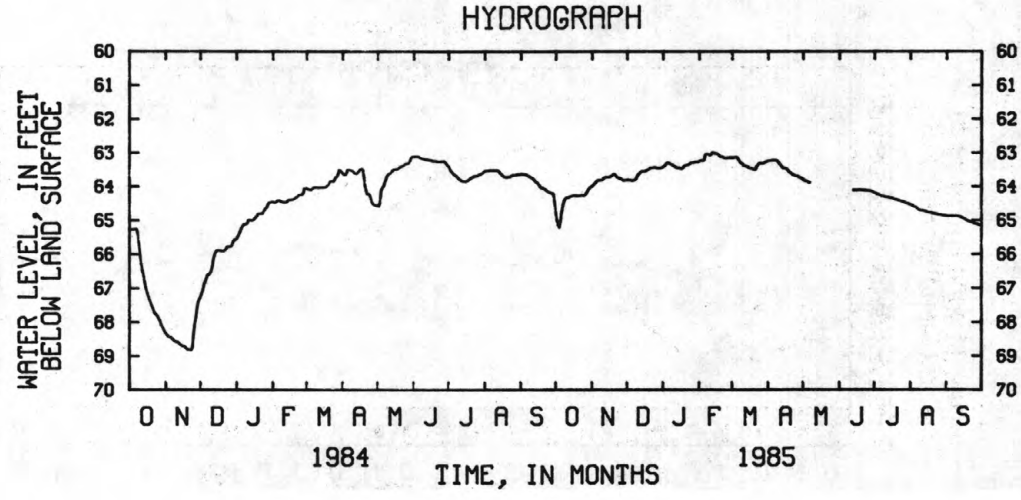
BARNWELL COUNTY

331518081280301. Local number, BW-102.
LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
OWNER: Chem-Nuclear Systems, Inc.
AQUIFER.--Ellenton Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 404 ft, screened interval 394-404 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 258.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.10 ft above land-surface datum.
REMARKS.--Also known as CE-7M and WM0014. Electric log available in District files. Well sampled for water quality between May 8 and June 12.
PERIOD OF RECORD.--August 1976 to current year.
EXTREMES OF PERIODS OF RECORD.--Highest mean water level 62.99 ft below land-surface datum, Feb. 12-13, 1985; lowest, 70.46 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64.77	63.99	63.80	63.42	63.25	63.15	63.24	63.81	---	64.19	64.55	64.88
2	65.00	63.96	63.80	63.39	63.23	63.15	63.23	63.84	---	64.21	64.56	64.88
3	65.14	63.92	63.81	63.37	63.22	63.14	63.23	63.84	---	64.23	64.58	64.88
4	65.22	63.88	63.81	63.31	63.24	63.13	63.22	63.85	---	64.24	64.60	64.88
5	65.03	63.84	63.83	63.28	63.23	63.14	63.22	63.87	---	64.26	64.62	64.88
6	64.74	63.81	63.82	63.30	63.07	63.17	63.22	63.89	---	64.28	64.64	64.88
7	64.55	63.81	63.81	63.33	63.03	63.24	63.22	63.89	---	64.29	64.66	64.88
8	64.43	63.81	63.80	63.34	63.04	63.29	63.23	---	---	64.30	64.69	64.88
9	64.36	63.81	63.75	63.36	63.05	63.31	63.26	---	---	64.30	64.71	64.88
10	64.33	63.80	63.69	63.39	63.07	63.34	63.30	---	---	64.31	64.72	64.89
11	64.32	63.75	63.63	63.41	63.06	63.38	63.35	---	---	64.32	64.72	64.89
12	64.32	63.73	63.60	63.43	62.99	63.39	63.40	---	---	64.32	64.73	64.90
13	64.30	63.72	63.56	63.46	62.99	63.40	63.44	---	64.12	64.33	64.74	64.91
14	64.28	63.72	63.55	63.46	63.01	63.42	63.47	---	64.12	64.34	64.75	64.93
15	64.27	63.72	63.55	63.45	63.02	63.44	63.47	---	64.11	64.35	64.76	64.94
16	64.26	63.71	63.55	63.47	63.03	63.46	63.48	---	64.11	64.35	64.77	64.96
17	64.26	63.70	63.54	63.48	63.05	63.48	63.49	---	64.11	64.37	64.78	64.98
18	64.27	63.68	63.52	63.45	63.08	63.47	63.54	---	64.10	64.38	64.78	65.00
19	64.27	63.65	63.50	63.40	63.11	63.49	63.58	---	64.10	64.39	64.79	65.02
20	64.27	63.63	63.48	63.37	63.12	63.51	63.60	---	64.11	64.40	64.80	65.04
21	64.27	63.67	63.46	63.37	63.13	63.50	63.63	---	64.11	64.41	64.81	65.05
22	64.26	63.71	63.44	63.36	63.15	63.41	63.66	---	64.12	64.42	64.82	65.06
23	64.26	63.74	63.44	63.35	63.16	63.36	63.68	---	64.12	64.44	64.83	65.07
24	64.26	63.75	63.44	63.33	63.16	63.32	63.69	---	64.13	64.45	64.84	65.09
25	64.26	63.77	63.43	63.29	63.15	63.30	63.70	---	64.13	64.46	64.85	65.10
26	64.25	63.78	63.44	63.28	63.15	63.31	63.70	---	64.14	64.47	64.85	65.11
27	64.21	63.81	63.46	63.29	63.14	63.32	63.72	---	64.14	64.48	64.86	65.12
28	64.15	63.82	63.46	63.28	63.14	63.31	63.74	---	64.15	64.50	64.86	65.13
29	64.08	63.81	63.46	63.27	---	63.28	63.75	---	64.16	64.51	64.87	65.15
30	64.04	63.81	63.45	63.27	---	63.27	63.78	---	64.18	64.52	64.87	65.16
31	64.01	---	63.44	63.27	---	63.25	---	---	---	64.53	64.87	---
MEAN	64.40	63.78	63.59	63.36	63.11	63.33	63.47	---	---	64.37	64.75	64.98
MAX	65.22	63.99	63.83	63.48	63.25	63.51	63.78	---	---	64.53	64.87	65.16
MIN	64.01	63.63	63.43	63.27	62.99	63.13	63.22	---	---	64.19	64.55	64.88

CAL YR 1984 MEAN 63.91 MAX 65.54 MIN 63.11

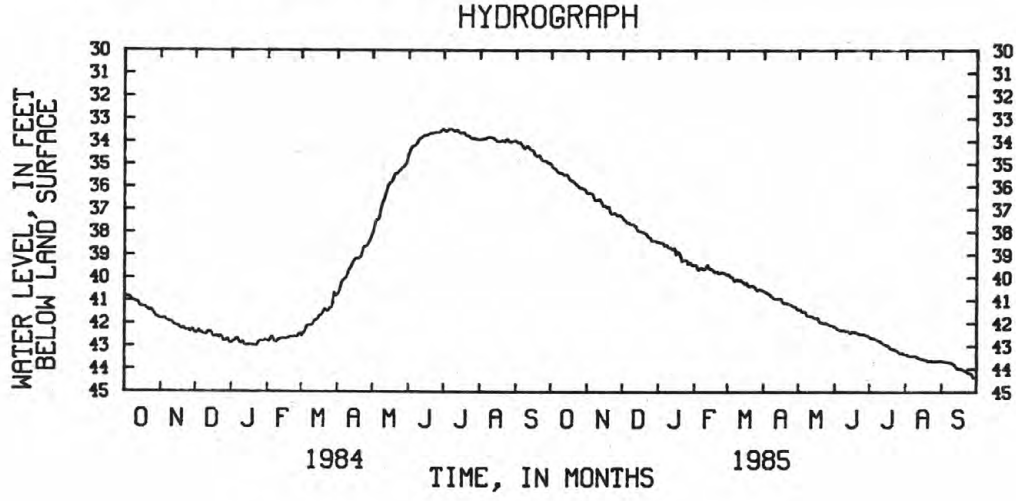


331518081280302. Local number, BW-151.
LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
Owner: Chem-Nuclear Systems, Inc.
AQUIFER.--McBean Formation.
WELL CHARACTERISTICS.--Drilled observation well diameter 4 in, depth 161 ft, screened interval 151-161 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 258.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.40 ft above land-surface datum.
REMARKS.--Also known as CE-7S and WM0015. Record estimated Sept. 16-17, 1984. Water quality data available in District files.
PERIOD OF RECORD.--Sept. 1976 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 33.46 ft below land-surface datum, June 30, July 6-7, 1984; lowest, 46.63 ft below land-surface datum, Jan. 3, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.00	36.30	37.37	38.45	39.45	39.86	40.59	41.40	42.16	42.62	43.36	43.66
2	35.13	36.28	37.45	38.47	39.46	39.85	40.62	41.39	42.19	42.65	43.36	43.68
3	35.18	36.27	37.46	38.48	39.58	39.96	40.65	41.39	42.25	42.66	43.42	43.69
4	35.19	36.31	37.56	38.46	39.67	39.97	40.69	41.50	42.28	42.66	43.43	43.69
5	35.25	36.31	37.58	38.51	39.61	39.98	40.71	41.51	42.30	42.68	43.44	43.70
6	35.32	36.43	37.56	38.60	39.56	40.10	40.73	41.49	42.31	42.70	43.44	43.71
7	35.37	36.58	37.65	38.55	39.56	40.16	40.80	41.53	42.32	42.73	43.44	43.72
8	35.39	36.61	37.66	38.57	39.63	40.09	40.84	41.63	42.30	42.76	43.44	43.73
9	35.38	36.60	37.66	38.66	39.64	40.06	40.88	41.68	42.31	42.76	43.44	43.74
10	35.40	36.57	37.66	38.68	39.60	40.13	40.92	41.68	42.34	42.80	43.46	43.76
11	35.45	36.53	37.70	38.67	39.50	40.12	40.93	41.69	42.35	42.84	43.49	43.79
12	35.49	36.62	37.73	38.74	39.43	40.08	40.93	41.70	42.33	42.89	43.52	43.84
13	35.48	36.68	37.83	38.75	39.57	40.17	40.93	41.72	42.38	42.92	43.55	43.91
14	35.46	36.84	37.93	38.68	39.63	40.18	40.91	41.74	42.43	42.94	43.57	43.98
15	35.51	36.86	37.96	38.76	39.62	40.26	40.90	41.78	42.41	42.95	43.57	44.00
16	35.61	36.83	37.96	38.99	39.66	40.28	40.94	41.77	42.35	42.97	43.58	43.99
17	35.70	36.91	37.98	38.85	39.71	40.19	41.05	41.74	42.38	43.00	43.59	43.99
18	35.73	36.92	38.00	38.86	39.77	40.31	41.12	41.84	42.39	43.06	43.60	44.01
19	35.75	36.86	38.01	38.96	39.72	40.40	41.10	41.95	42.39	43.10	43.64	44.04
20	35.79	37.05	38.03	39.08	39.71	40.38	41.10	41.98	42.43	43.12	43.67	44.07
21	35.84	37.18	38.07	39.28	39.81	40.35	41.13	41.99	42.45	43.13	43.66	44.08
22	35.89	37.19	38.11	39.23	39.80	40.35	41.15	42.00	42.47	43.14	43.63	44.11
23	35.93	37.16	38.21	39.23	39.78	40.38	41.17	42.00	42.48	43.17	43.66	44.16
24	35.98	37.14	38.23	39.23	39.76	40.40	41.19	42.00	42.49	43.20	43.67	44.18
25	36.04	37.19	38.27	39.24	39.79	40.48	41.21	42.02	42.49	43.23	43.67	44.20
26	36.06	37.25	38.38	39.41	39.80	40.57	41.25	42.04	42.49	43.28	43.67	44.21
27	36.06	37.28	38.39	39.39	39.82	40.54	41.27	42.07	42.51	43.30	43.67	44.26
28	36.08	37.23	38.39	39.33	39.88	40.50	41.27	42.09	42.53	43.30	43.67	44.37
29	36.10	37.27	38.39	39.43	---	40.52	41.32	42.10	42.55	43.31	43.67	44.39
30	36.14	37.31	38.41	39.47	---	40.54	41.40	42.12	42.56	43.34	43.66	44.39
31	36.24	---	38.44	39.42	---	40.56	---	42.14	---	43.36	43.64	---
MEAN	35.64	36.82	37.94	38.92	39.66	40.25	40.99	41.80	42.39	42.99	43.56	43.97
MAX	36.24	37.31	38.44	39.47	39.88	40.57	41.40	42.14	42.56	43.36	43.67	44.39
MIN	35.00	36.27	37.37	38.45	39.43	39.85	40.59	41.39	42.16	42.62	43.36	43.66

CAL YR 1984 MEAN 37.40 MAX 43.00 MIN 33.46
WTR YR 1985 MEAN 40.41 MAX 44.39 MIN 35.00

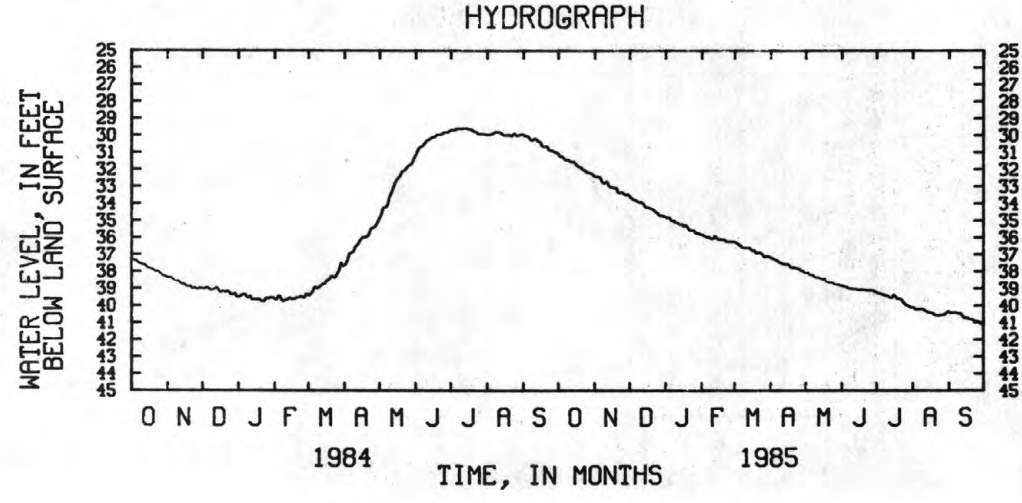


331518081280300. Local number, BW-154.
LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
Owner: Chem-Nuclear Systems, Inc.
AQUIFER.--McBean Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 74 ft, screened interval 64-74 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 257.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft above land-surface datum.
REMARKS.--Also known as CE-7N and WM0016.
PERIOD OF RECORD.--August 1976 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 29.58 ft below land-surface datum, July 12-13, 1984; lowest, 42.51 below land-surface datum, Dec. 30, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.10	32.43	33.59	34.81	35.84	36.27	37.20	38.09	38.84	39.25	40.11	40.38
2	31.21	32.43	33.69	34.83	35.86	36.31	37.23	38.09	38.86	39.27	40.14	40.43
3	31.25	32.43	33.71	34.84	35.92	36.33	37.26	38.10	38.89	39.29	40.23	40.42
4	31.26	32.45	33.79	34.84	35.93	36.40	37.30	38.18	38.91	39.30	40.22	40.41
5	31.32	32.46	33.82	34.92	35.98	36.44	37.34	38.21	38.94	39.32	40.21	40.40
6	31.39	32.55	33.78	35.01	35.98	36.49	37.35	38.23	38.97	39.36	40.21	40.40
7	31.45	32.72	33.86	35.01	35.99	36.58	37.41	38.23	39.01	39.39	40.20	40.42
8	31.46	32.80	33.91	35.00	36.04	36.60	37.45	38.27	39.00	39.41	40.19	40.45
9	31.45	32.80	33.92	35.10	36.07	36.60	37.49	38.34	39.02	39.42	40.19	40.45
10	31.48	32.75	33.93	35.13	36.07	36.60	37.53	38.36	39.04	39.43	40.23	40.46
11	31.53	32.70	33.94	35.14	36.02	36.60	37.55	38.36	39.05	39.47	40.28	40.47
12	31.57	32.81	33.99	35.20	35.88	36.59	37.56	38.37	39.02	39.51	40.32	40.55
13	31.56	32.95	34.06	35.23	35.99	36.61	37.58	38.40	39.04	39.55	40.37	40.65
14	31.55	33.03	34.18	35.21	36.07	36.63	37.58	38.43	39.07	39.52	40.40	40.73
15	31.59	33.06	34.23	35.22	36.10	36.70	37.58	38.46	39.08	39.38	40.41	40.73
16	31.69	33.04	34.24	35.35	36.11	36.79	37.60	38.46	39.07	39.40	40.42	40.72
17	31.79	33.08	34.25	35.29	36.12	36.73	37.68	38.43	39.07	39.47	40.43	40.73
18	31.84	33.10	34.27	35.26	36.12	36.79	37.76	38.50	39.06	39.55	40.45	40.78
19	31.86	33.05	34.30	35.34	36.12	36.91	37.77	38.60	39.05	39.60	40.53	40.81
20	31.90	33.18	34.33	35.43	36.13	36.92	37.77	38.64	39.07	39.61	40.56	40.83
21	31.96	33.36	34.37	35.56	36.19	36.89	37.79	38.65	39.09	39.62	40.58	40.84
22	32.02	33.38	34.41	35.58	36.24	36.87	37.81	38.66	39.11	39.65	40.58	40.86
23	32.06	33.36	34.49	35.57	36.24	36.92	37.83	38.67	39.11	39.73	40.59	40.90
24	32.10	33.33	34.53	35.57	36.24	36.95	37.84	38.67	39.11	39.82	40.58	40.92
25	32.17	33.38	34.57	35.58	36.24	37.02	37.86	38.72	39.11	39.90	40.55	40.94
26	32.20	33.45	34.69	35.70	36.24	37.13	37.91	38.74	39.11	39.98	40.54	40.94
27	32.20	33.49	34.72	35.75	36.25	37.14	37.96	38.77	39.12	39.98	40.54	40.97
28	32.22	33.45	34.72	35.73	36.25	37.09	37.98	38.78	39.15	40.02	40.52	41.07
29	32.25	33.47	34.72	35.75	---	37.11	38.00	38.79	39.17	40.07	40.46	41.08
30	32.29	33.53	34.74	35.80	---	37.13	38.08	38.82	39.20	40.11	40.40	41.07
31	32.37	---	34.78	35.82	---	37.16	---	38.83	---	40.12	40.34	---
MEAN	31.74	33.00	34.21	35.31	36.08	36.75	37.63	38.48	39.04	39.60	40.38	40.69
MAX	32.37	33.53	34.78	35.82	36.25	37.16	38.08	38.83	39.20	40.12	40.59	41.08
MIN	31.10	32.43	33.59	34.81	35.84	36.27	37.20	38.09	38.84	39.25	40.11	40.38

CAL YR 1984	MEAN	33.82	MAX	39.77	MIN	29.58
WTR YR 1985	MEAN	36.91	MAX	41.08	MIN	31.10



BARNWELL COUNTY

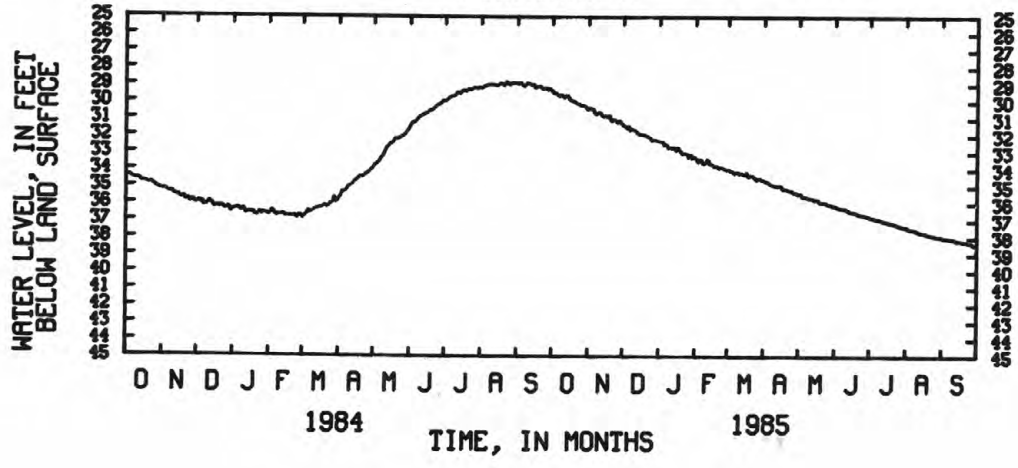
331521081280204. Local number, BW-155.
LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
OWNER.--Chem-Nuclear Systems, Inc.
AQUIFER.--Barnwell Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 45 ft, screened interval 40-45 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 259.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.
REMARKS.--Also known as CE-7SS and WM0017.
PERIOD OF RECORD.--May 1979 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 26.12 ft below land-surface datum, Apr. 14, 1980 (estimated); lowest, 40.60 ft below land-surface datum, Dec. 30, 1981 (estimated).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.36	30.45	31.39	32.31	33.30	33.98	34.64	35.40	36.13	36.79	37.36	37.98
2	29.50	30.34	31.42	32.35	33.39	34.00	34.67	35.41	36.17	36.81	37.40	38.01
3	29.46	30.42	31.44	32.35	33.55	34.10	34.69	35.45	36.19	36.81	37.48	38.00
4	29.49	30.38	31.55	32.33	33.54	34.07	34.74	35.58	36.22	36.83	37.48	38.00
5	29.55	30.41	31.43	32.56	33.39	34.10	34.73	35.56	36.24	36.86	37.49	38.01
6	29.64	30.63	31.46	32.59	33.41	34.21	34.82	35.55	36.25	36.88	37.50	38.03
7	29.67	30.72	31.69	32.49	33.61	34.21	34.84	35.56	36.27	36.90	37.51	38.04
8	29.59	30.72	31.58	32.61	33.65	34.13	34.88	35.64	36.26	36.91	37.52	38.05
9	29.61	30.68	31.64	32.74	33.60	34.15	34.89	35.66	36.28	36.91	37.53	38.05
10	29.68	30.60	31.62	32.69	33.57	34.23	34.94	35.65	36.29	36.93	37.58	38.06
11	29.74	30.62	31.67	32.68	33.38	34.20	34.93	35.65	36.35	36.96	37.63	38.08
12	29.71	30.76	31.71	32.78	33.43	34.19	34.97	35.69	36.35	37.00	37.66	38.11
13	29.62	30.83	31.82	32.73	33.65	34.25	34.95	35.71	36.43	37.02	37.68	38.15
14	29.64	30.86	31.90	32.67	33.70	34.25	34.93	35.75	36.45	37.03	37.69	38.17
15	29.76	30.83	31.89	32.85	33.66	34.28	34.94	35.76	36.46	37.03	37.70	38.15
16	29.88	30.79	31.90	32.90	33.75	34.26	35.00	35.73	36.44	37.06	37.70	38.15
17	29.94	30.90	31.91	32.68	33.81	34.15	35.11	35.73	36.50	37.09	37.71	38.17
18	29.95	30.82	31.92	32.80	33.84	34.36	35.14	35.84	36.50	37.12	37.73	38.20
19	29.95	30.80	31.92	32.92	33.75	34.42	35.10	35.91	36.53	37.13	37.78	38.21
20	30.00	31.08	31.96	33.01	33.83	34.34	35.13	35.90	36.57	37.13	37.80	38.21
21	30.06	31.13	31.98	33.10	33.92	34.32	35.17	35.90	36.60	37.15	37.81	38.21
22	30.10	31.08	32.03	33.04	33.88	34.34	35.19	35.92	36.62	37.17	37.83	38.24
23	30.12	31.02	32.09	33.05	33.86	34.42	35.21	35.91	36.63	37.19	37.87	38.27
24	30.15	31.06	32.08	33.05	33.87	34.44	35.21	35.95	36.63	37.23	37.86	38.28
25	30.21	31.13	32.20	33.07	33.92	34.57	35.25	35.99	36.64	37.27	37.86	38.29
26	30.19	31.22	32.29	33.30	33.94	34.60	35.31	36.00	36.65	37.29	37.91	38.29
27	30.19	31.19	32.25	33.18	33.98	34.52	35.33	36.03	36.68	37.29	37.92	38.34
28	30.22	31.08	32.23	33.10	34.02	34.51	35.32	36.04	36.71	37.32	37.92	38.42
29	30.25	31.24	32.25	33.34	---	34.57	35.39	36.08	36.72	37.34	37.93	38.41
30	30.31	31.29	32.28	33.33	---	34.59	35.44	36.12	36.74	37.36	37.92	38.40
31	30.44	---	32.31	33.22	---	34.60	---	36.11	---	37.36	37.92	---
MEAN	29.87	30.84	31.86	32.83	33.69	34.30	35.03	35.78	36.45	37.07	37.70	38.17
MAX	30.44	31.29	32.31	33.34	34.02	34.60	35.44	36.12	36.74	37.36	37.93	38.42
MIN	29.36	30.34	31.39	32.31	33.30	33.98	34.64	35.40	36.13	36.79	37.36	37.98

CAL YR 1984 MEAN 32.30 MAX 36.91 MIN 28.82
WTR YR 1985 MEAN 34.46 MAX 38.42 MIN 29.36

HYDROGRAPH



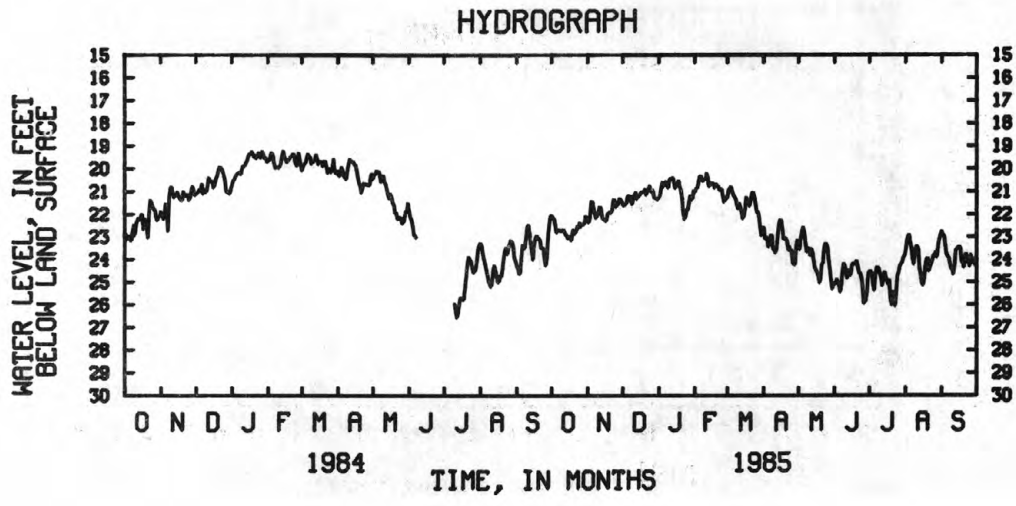
BEAUFORT COUNTY

321005080442705. Local number, BFT-101.
LOCATION.--Lat 32°10'05", Long 80°44'27", Hydrologic Unit 03060109, Hilton Head.
OWNER.--U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 470 ft, cased to 129 ft, open hole 129 to 470 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 13.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.8 ft above land-surface datum.
REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.
PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the Geological Survey.
EXTREME OUTSIDE PERIOD OF RECORD.--Highest mean water level 12.29 ft below land-surface datum July 5, 1961.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 26.59 ft below land-surface datum, July 12, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.04	22.25	21.54	21.25	21.06	21.27	22.59	23.50	25.05	24.55	23.65	22.77
2	22.16	22.37	21.64	21.19	20.89	20.93	23.10	23.58	25.10	24.53	23.26	22.95
3	22.21	22.08	21.57	20.81	20.88	20.87	23.01	23.01	24.89	24.63	23.00	22.98
4	22.44	21.44	21.55	20.59	20.65	20.80	23.12	22.76	25.04	25.12	22.93	23.38
5	22.80	21.43	21.24	20.80	20.36	21.03	23.46	22.59	25.19	25.39	23.28	23.78
6	22.79	21.73	21.17	20.62	20.32	21.16	23.39	22.88	25.46	24.73	23.50	23.89
7	22.67	21.99	21.43	20.57	20.47	21.25	22.94	23.32	25.12	24.38	23.99	23.96
8	22.70	22.17	21.20	20.75	20.55	21.34	22.95	23.69	24.52	24.36	24.23	24.18
9	22.75	22.09	21.57	20.86	20.47	21.57	23.55	23.50	24.19	24.45	23.64	24.42
10	22.71	21.95	21.28	20.48	20.50	21.77	23.60	23.57	24.31	24.66	23.48	24.47
11	22.68	21.67	21.16	20.44	20.21	21.52	23.73	23.84	24.65	24.87	23.42	24.69
12	22.78	21.69	21.04	20.45	20.36	21.69	23.59	23.53	24.86	25.19	23.62	24.27
13	22.90	22.04	21.34	20.39	20.79	21.92	23.06	23.73	24.48	24.75	24.46	23.59
14	22.96	22.20	21.20	20.58	20.74	22.21	22.44	24.06	24.56	24.58	24.71	23.59
15	23.07	22.22	21.21	20.87	20.69	22.12	22.27	24.41	24.73	24.82	25.09	23.49
16	22.98	22.30	21.10	20.78	20.63	21.82	22.27	24.51	24.28	24.96	25.17	23.46
17	22.99	22.30	21.03	20.64	20.65	21.25	22.64	24.61	24.20	25.13	24.87	23.54
18	23.17	21.98	21.05	20.54	20.86	21.37	23.11	24.76	24.19	24.93	24.33	24.09
19	22.74	21.96	21.01	20.82	20.66	21.48	23.05	25.06	24.19	25.78	24.01	24.19
20	22.67	21.89	20.90	20.97	20.77	21.65	23.12	24.92	24.08	26.04	23.96	24.38
21	22.86	21.95	21.16	21.30	20.78	21.37	23.17	24.22	24.36	25.41	24.55	23.84
22	22.76	21.78	20.97	21.98	20.94	21.07	23.59	24.22	24.61	25.73	24.34	23.77
23	22.52	21.34	20.89	22.24	20.90	21.05	23.45	23.61	24.64	26.09	24.21	24.15
24	22.63	21.38	20.75	22.12	20.95	21.24	23.64	23.31	24.82	25.46	24.03	24.18
25	22.36	21.68	21.01	21.83	21.20	21.58	23.61	23.34	25.14	24.73	23.84	24.33
26	22.55	21.63	20.92	21.84	21.48	21.92	24.19	23.49	25.96	24.59	23.83	23.80
27	22.48	21.57	21.06	21.48	21.25	21.93	24.23	24.05	25.93	24.32	23.68	24.06
28	22.43	21.31	21.28	21.19	21.34	22.16	24.26	24.48	25.86	24.23	23.93	24.18
29	22.45	21.33	21.30	21.35	---	22.61	23.46	24.94	25.39	24.16	23.37	24.17
30	22.07	21.42	21.33	21.35	---	22.97	23.16	25.34	24.65	23.95	23.12	24.29
31	22.13	---	21.36	20.96	---	22.58	---	25.11	---	23.86	22.94	---
MEAN	22.63	21.84	21.20	21.03	20.76	21.60	23.26	23.93	24.81	24.85	23.89	23.89
MAX	23.17	22.37	21.64	22.24	21.48	22.97	24.26	25.34	25.96	26.09	25.17	24.69
MIN	22.04	21.31	20.75	20.39	20.21	20.80	22.27	22.59	24.08	23.86	22.93	22.77

WTR YR 1985 MEAN 22.82 MAX 26.09 MIN 20.21



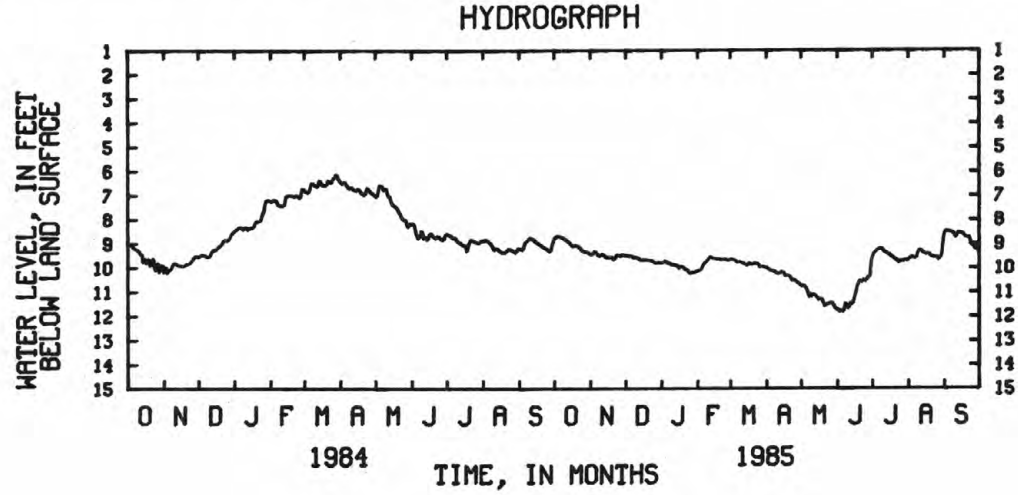
BEAUFORT COUNTY

322745080435800. Local number, BFT-121.
LOCATION.--Lat 32°27'45", long 80°43'58", Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance and 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Hwy. 21.
Owner: U.S. Marine Corp.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 3.30 ft above land-surface datum.
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 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.77	9.43	9.47	9.79	10.13	9.67	10.00	10.75	11.72	9.54	9.67	8.59
2	8.72	9.42	9.49	9.81	10.10	9.64	10.04	10.74	11.80	9.43	9.62	8.50
3	8.70	9.42	9.49	9.77	10.12	9.66	10.07	10.72	11.80	9.38	9.57	8.47
4	8.68	9.34	9.53	9.72	10.10	9.67	10.11	10.78	11.78	9.32	9.55	8.48
5	8.68	9.32	9.51	9.75	9.99	9.69	10.13	10.84	11.77	9.27	9.56	8.50
6	8.70	9.38	9.50	9.79	9.86	9.74	10.13	10.93	11.83	9.25	9.59	8.51
7	8.72	9.46	9.56	9.79	9.80	9.78	10.14	11.10	11.66	9.20	9.62	8.52
8	8.74	9.49	9.57	9.82	9.77	9.76	10.17	11.22	11.47	9.20	9.57	8.54
9	8.77	9.50	9.56	9.86	9.71	9.75	10.20	11.06	11.53	9.21	9.40	8.59
10	8.81	9.47	9.57	9.87	9.67	9.77	10.25	11.19	11.68	9.27	9.30	8.69
11	8.85	9.42	9.58	9.85	9.60	9.79	10.24	11.13	11.65	9.33	9.27	8.75
12	8.89	9.46	9.61	9.88	9.54	9.80	10.25	11.10	11.46	9.36	9.29	8.64
13	8.91	9.52	9.64	9.89	9.58	9.84	10.23	11.15	11.45	9.39	9.35	8.55
14	8.96	9.56	9.69	9.89	9.61	9.86	10.17	11.21	11.51	9.42	9.39	8.54
15	9.02	9.56	9.68	9.95	9.61	9.91	10.18	11.25	11.34	9.44	9.41	8.54
16	9.07	9.56	9.67	10.03	9.62	9.90	10.20	11.35	11.17	9.48	9.44	8.56
17	9.12	9.56	9.67	9.95	9.63	9.80	10.33	11.30	10.97	9.53	9.45	8.61
18	9.09	9.55	9.68	9.94	9.65	9.82	10.35	11.30	10.77	9.56	9.41	8.66
19	9.06	9.55	9.68	9.95	9.64	9.87	10.34	11.33	10.65	9.60	9.45	8.72
20	9.07	9.62	9.68	9.98	9.64	9.87	10.34	11.47	10.54	9.64	9.51	8.73
21	9.09	9.67	9.70	10.08	9.67	9.84	10.35	11.59	10.54	9.66	9.54	8.73
22	9.14	9.58	9.69	10.08	9.67	9.81	10.41	11.58	10.59	9.70	9.54	8.74
23	9.18	9.49	9.70	10.07	9.65	9.82	10.54	11.50	10.52	9.76	9.57	8.86
24	9.24	9.46	9.71	10.17	9.64	9.82	10.50	11.50	10.50	9.76	9.57	8.99
25	9.29	9.47	9.74	10.23	9.65	9.87	10.50	11.47	10.56	9.72	9.58	9.09
26	9.32	9.50	9.78	10.25	9.66	9.97	10.56	11.46	10.49	9.71	9.55	9.11
27	9.33	9.50	9.79	10.22	9.72	9.97	10.59	11.44	10.39	9.70	9.67	9.20
28	9.33	9.46	9.81	10.18	9.68	9.95	10.63	11.50	10.43	9.72	9.60	9.23
29	9.34	9.46	9.79	10.20	---	9.95	10.66	11.58	10.28	9.70	9.58	9.15
30	9.37	9.49	9.78	10.20	---	9.97	10.71	11.68	9.78	9.68	9.39	9.31
31	9.41	---	9.79	10.14	---	9.98	---	11.71	---	9.68	8.83	---
MEAN	9.01	9.49	9.65	9.97	9.74	9.82	10.31	11.26	11.09	9.50	9.48	8.74
MAX	9.41	9.67	9.81	10.25	10.13	9.98	10.71	11.71	11.83	9.76	9.67	9.31
MIN	8.68	9.32	9.47	9.72	9.54	9.64	10.00	10.72	9.78	9.20	8.83	8.47

CAL YR 1984	MEAN	8.31	MAX	9.81	MIN	6.13
WTR YR 1985	MEAN	9.84	MAX	11.83	MIN	8.47

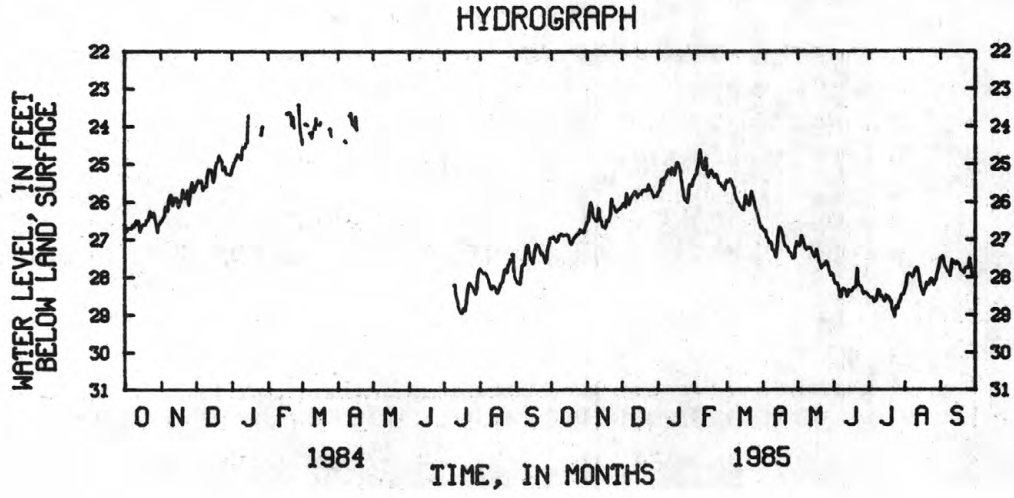


320846080502203. Local number, BFT-304.
LOCATION.--Lat 32°08'46", Long 80°50'22", Hydrologic Unit 03060100, Daufuskie Island.
OWNER.--U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 619 ft, cased to 135 ft, open hole 135 to 619 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM--Land-surface datum is 13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft above land-surface datum.
REMARKS.--Record estimated Feb. 7 and Sept. 10, 1985. Also known as TW3 PT2. Electric log available in District files. Water level affected by tidal fluctuations.
PERIOD OF RECORD.--October 1983 to current year. Record from December 1958 to Sept. 1983 are unpublished but are available in District files.
EXTREMES OUTSIDE PERIOD OF RECORD.--Highest mean water level 14.35 ft below land-surface datum, March 10, 1959.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 23.20 ft below land-surface datum, Feb. 7, 1985; lowest, 29.71 ft below land-surface datum, Sept.9, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.95	26.52	26.12	25.73	25.36	25.42	26.76	27.13	28.09	28.50	28.32	27.48
2	26.97	26.50	26.04	25.71	25.28	25.47	26.79	27.18	28.18	28.54	28.21	27.52
3	26.91	26.19	26.03	25.59	25.26	25.44	26.74	27.12	28.17	28.54	27.96	27.44
4	26.99	26.00	26.14	25.39	25.07	25.39	26.96	26.88	28.16	28.53	27.91	27.64
5	27.05	26.13	25.76	25.56	24.93	25.48	26.94	26.99	28.29	28.65	27.90	27.74
6	27.05	26.40	25.95	25.35	24.61	25.57	27.10	27.07	28.53	28.63	27.91	27.79
7	26.96	26.43	26.07	25.35	24.85	25.64	27.05	27.22	28.52	28.61	28.00	27.86
8	26.88	26.49	25.95	25.31	25.09	25.81	27.09	27.28	28.32	28.49	27.99	27.86
9	26.86	26.51	25.87	25.20	25.15	25.93	27.29	27.20	28.29	28.32	27.89	27.98
10	26.84	26.47	25.83	25.14	25.12	25.99	27.27	27.24	28.32	28.35	27.80	27.76
11	26.89	26.15	25.78	25.17	24.83	26.02	27.40	27.21	28.36	28.52	27.75	27.53
12	26.87	26.45	25.72	25.27	25.27	26.11	27.48	27.24	28.52	28.49	27.75	27.64
13	26.87	26.49	25.73	25.09	25.34	26.17	27.19	27.33	28.45	28.56	27.91	27.59
14	26.87	26.66	25.88	25.13	25.23	26.18	26.83	27.42	28.33	28.64	28.10	27.67
15	26.85	26.64	25.82	25.29	25.17	26.22	26.66	27.48	28.38	28.60	28.28	27.59
16	26.90	26.69	25.78	25.12	25.16	26.06	26.69	27.37	28.37	28.47	28.38	27.62
17	27.08	26.65	25.80	24.96	25.28	25.81	26.76	27.26	28.31	28.54	28.47	27.67
18	27.13	26.46	25.72	24.95	25.35	26.03	26.90	27.42	28.27	28.51	28.34	27.81
19	27.07	26.52	25.69	25.07	25.30	26.07	27.09	27.59	28.27	28.65	28.29	27.83
20	26.99	26.43	25.71	25.16	25.26	26.09	27.18	27.67	28.20	28.60	28.14	27.84
21	26.93	26.32	25.67	25.44	25.37	25.91	27.21	27.77	27.76	28.87	28.20	27.90
22	26.91	25.90	25.71	25.67	25.51	25.71	27.19	27.69	28.21	28.94	28.19	27.78
23	26.85	26.10	25.65	25.87	25.49	25.84	27.33	27.66	28.23	29.05	28.07	27.74
24	26.85	26.11	25.53	25.96	25.55	25.96	27.34	27.68	28.23	28.78	28.03	27.78
25	26.83	26.23	25.68	25.90	25.60	26.12	27.37	27.59	28.32	28.76	28.08	27.70
26	26.72	26.27	25.68	26.02	25.63	26.24	27.50	27.59	28.45	28.83	28.21	27.49
27	26.76	26.23	25.77	25.82	25.68	26.31	27.51	27.70	28.39	28.65	28.11	27.70
28	26.80	26.19	25.87	25.53	25.51	26.44	27.48	27.85	28.41	28.60	28.07	27.96
29	26.81	26.17	25.82	25.55	---	26.57	27.18	27.96	28.42	28.46	27.89	27.89
30	26.70	26.13	25.85	25.58	---	26.70	27.05	27.88	28.46	28.46	27.79	27.88
31	26.62	---	25.84	25.42	---	26.65	---	27.92	---	28.42	27.63	---
MEAN	26.90	26.35	25.82	25.43	25.26	25.98	27.11	27.44	28.31	28.60	28.05	27.72
MAX	27.13	26.69	26.14	26.02	25.68	26.70	27.51	27.96	28.53	29.05	28.47	27.98
MIN	26.62	25.90	25.53	24.95	24.61	25.39	26.66	26.88	27.76	28.32	27.63	27.44

WTR YR 1985 MEAN 26.92 MAX 29.05 MIN 24.61



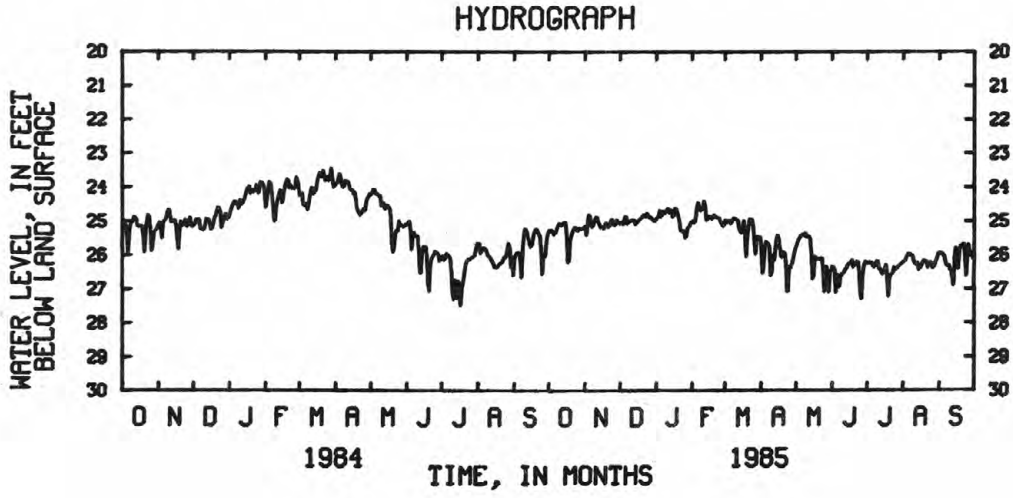
BEAUFORT COUNTY

321551080491003. Local number, BFT-429.
LOCATION.--Lat 32°15'51", long 80°49'10", Hydrologic Unit 03050208, 7.7 mi southeast on U.S. Hwy. 278 from intersection with State Hwy. 170, northwest on dirt road 1.6 mi, 2 mi southwest of Foot Point Plantation at Victoria Bluff.
Owner: South Carolina Wildlife and Marine Resources Dept.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 22.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.85 ft above land-surface datum.
REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in Distict 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, 27.49 ft below land-surface datum, July 17, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.26	25.13	25.08	24.92	25.03	24.97	25.71	25.74	26.34	26.25	26.21	25.94
2	25.31	25.42	25.05	24.89	24.98	24.96	26.56	25.65	26.35	26.23	26.21	25.95
3	25.25	25.13	25.01	24.82	25.05	25.04	26.36	25.54	26.45	26.23	26.13	25.96
4	25.28	24.81	25.09	24.67	24.90	24.98	25.77	25.49	27.12	26.21	26.04	26.00
5	25.39	24.84	24.86	24.87	24.58	24.98	25.60	25.43	26.57	26.26	25.98	26.05
6	25.37	25.06	24.85	24.81	24.44	25.08	25.62	25.42	26.70	26.35	25.96	26.20
7	25.29	25.17	25.08	24.70	24.60	25.01	25.68	25.38	26.95	26.37	26.01	26.31
8	25.18	25.09	25.02	24.74	24.69	24.92	25.75	25.43	26.64	26.30	26.02	26.33
9	25.09	24.98	25.00	24.75	24.66	24.91	26.62	25.35	26.56	26.20	26.05	26.31
10	25.05	24.88	24.98	24.66	24.63	24.93	26.51	25.47	26.58	26.18	26.21	26.45
11	25.07	24.87	24.97	24.61	24.40	24.95	26.00	25.44	26.52	26.43	26.27	26.47
12	25.13	25.00	24.95	24.74	24.55	24.98	26.18	25.46	26.44	26.40	26.29	26.66
13	25.06	25.07	24.97	24.72	24.97	25.24	25.89	25.53	26.41	26.52	26.23	26.91
14	25.03	25.18	25.09	24.66	24.97	25.31	25.55	25.95	26.31	26.58	26.45	26.14
15	25.04	25.14	25.06	24.87	24.85	25.35	25.41	26.72	26.27	26.52	26.42	25.78
16	25.34	25.17	25.00	24.85	24.85	25.22	25.52	26.62	26.27	26.45	26.36	25.94
17	26.20	25.23	24.96	24.61	24.89	24.98	25.79	26.03	26.21	26.29	26.27	26.44
18	26.20	25.08	24.93	24.62	24.94	25.40	26.05	26.11	26.15	26.62	26.19	25.90
19	25.57	25.03	24.91	24.71	24.84	26.06	26.08	26.10	26.37	27.24	26.18	25.75
20	25.43	25.16	24.85	24.87	24.81	25.47	25.91	26.10	26.26	26.68	26.18	25.75
21	25.31	25.16	24.81	25.02	24.87	25.15	25.93	26.11	26.30	26.59	26.23	25.70
22	25.25	25.14	24.81	25.27	24.90	24.93	26.18	26.12	26.20	26.57	26.39	25.68
23	25.17	24.96	24.87	25.29	24.90	24.95	27.07	26.08	26.21	26.52	26.25	26.03
24	25.18	24.93	24.76	25.29	24.91	24.94	27.10	26.41	26.54	26.37	26.21	26.63
25	25.27	25.03	24.82	25.28	25.01	25.12	26.33	27.08	27.15	26.43	26.24	25.98
26	25.29	25.12	24.90	25.50	25.07	25.57	26.41	26.87	27.31	26.43	26.39	25.69
27	25.20	25.08	24.87	25.42	25.14	25.99	26.31	26.33	26.58	26.37	26.38	25.98
28	25.22	24.94	24.93	25.19	25.14	25.46	26.20	26.59	26.33	26.34	26.29	26.03
29	25.23	25.03	24.94	25.18	---	25.47	25.99	27.10	26.21	26.31	26.19	25.92
30	25.20	25.02	24.99	25.11	---	25.47	25.84	26.50	26.20	26.28	26.09	26.14
31	25.20	---	24.99	25.02	---	25.48	---	26.47	---	26.26	25.98	---
MEAN	25.29	25.06	24.95	24.92	24.84	25.20	26.06	26.02	26.48	26.41	26.20	26.10
MAX	26.20	25.42	25.09	25.50	25.14	26.06	27.10	27.10	27.31	27.24	26.45	26.91
MIN	25.03	24.81	24.76	24.61	24.40	24.91	25.41	25.35	26.15	26.18	25.96	25.68

CAL YR 1984 MEAN 25.06 MAX 27.49 MIN 23.44
WTR YR 1985 MEAN 25.63 MAX 27.31 MIN 24.40

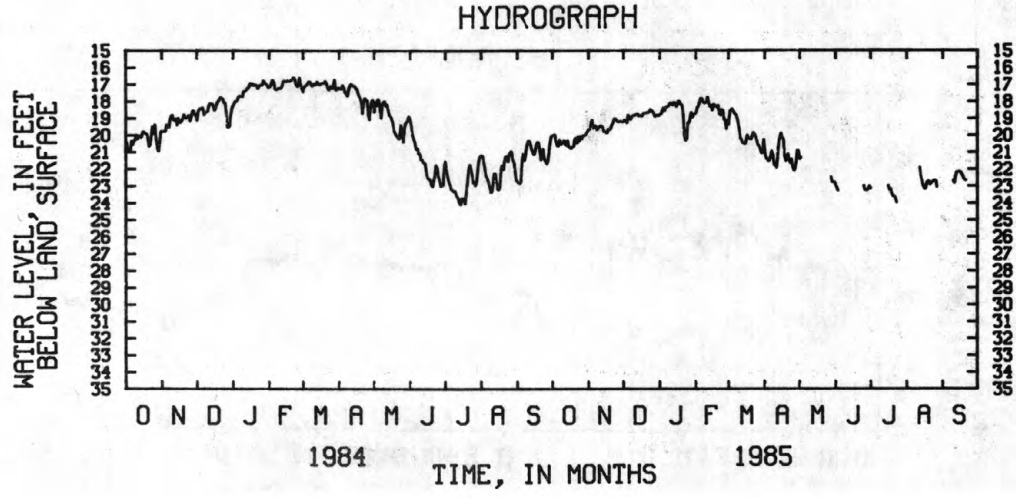


320910080472001. Local number, BFT-439.
LOCATION.--Lat 32°09'10", long 80°47'20", Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation.
Owner: Sea Pines Plantation.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 214 ft, cased to 125 ft, open hole from 125 to 214 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 6.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 0.30 ft above land-surface datum.
REMARKS.--Gamma log available in District files. Water-quality data available in District files.
PERIOD OF RECORD.--October 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 15.32 ft below land-surface datum, Feb. 28, Mar. 17, 1983; lowest, 30.22 ft below land-surface datum, Aug. 9, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.00	19.66	19.19	18.76	18.68	19.39	20.96	21.44	22.96	23.15	---	---
2	19.99	19.66	19.09	18.76	18.35	18.56	21.41	21.28	23.13	---	---	---
3	19.94	19.33	19.16	18.60	18.31	18.52	21.40	---	23.29	---	---	---
4	20.38	19.09	19.28	18.37	18.07	18.43	21.56	---	---	---	---	---
5	20.61	19.59	18.80	18.56	17.81	18.57	21.49	---	---	---	---	---
6	20.66	19.44	18.95	18.34	17.81	18.73	21.22	---	---	---	---	---
7	20.25	19.45	19.08	18.30	18.04	18.77	20.92	---	---	---	---	---
8	20.53	19.68	18.92	18.31	18.12	18.94	21.20	---	---	---	---	---
9	20.51	19.59	18.84	18.19	18.06	19.21	21.78	---	---	---	---	---
10	20.39	19.49	18.83	18.09	18.04	19.59	21.78	---	---	---	---	22.70
11	20.29	19.45	18.79	18.13	17.73	20.19	21.95	---	---	---	---	22.85
12	20.54	19.47	18.76	18.24	18.11	20.28	21.30	---	---	---	21.94	22.41
13	20.62	19.54	18.72	18.04	18.33	20.47	20.46	---	---	---	22.39	22.17
14	20.30	19.78	18.89	18.10	18.20	20.50	20.07	---	---	---	22.68	22.18
15	20.70	19.75	18.83	18.32	18.55	20.55	19.87	---	---	---	23.00	22.15
16	20.75	19.86	18.89	18.20	18.15	20.33	20.15	---	---	23.00	23.16	22.17
17	20.78	19.85	18.88	17.96	18.24	19.98	20.29	---	---	23.25	23.18	22.27
18	20.68	19.63	18.70	18.05	18.36	20.17	21.27	---	---	23.15	22.88	22.42
19	20.69	19.68	18.69	18.19	18.29	20.22	21.55	---	---	23.43	22.73	22.57
20	20.25	19.57	18.70	18.23	18.23	20.27	21.40	---	---	23.63	22.71	22.66
21	20.15	19.41	18.66	18.77	18.75	20.08	21.11	---	---	23.60	22.92	22.68
22	20.47	19.25	18.67	19.99	18.84	19.83	21.51	---	---	23.70	22.83	---
23	20.04	19.04	18.62	20.33	18.47	19.92	21.68	---	---	23.97	22.75	---
24	20.35	19.02	18.47	20.27	18.53	20.08	21.41	---	---	---	22.69	---
25	20.04	19.13	18.56	19.26	19.07	20.32	21.91	---	23.01	---	22.67	---
26	20.23	19.20	18.60	19.28	19.10	20.59	22.12	---	23.24	---	22.70	---
27	20.01	19.20	18.74	18.97	19.65	20.65	21.96	---	23.28	---	23.07	---
28	20.03	19.17	18.92	18.64	19.10	20.82	21.59	22.51	23.23	---	---	---
29	19.99	19.18	18.80	18.96	---	21.06	20.88	22.78	23.15	---	---	---
30	19.88	19.22	18.84	18.74	---	21.10	20.94	22.80	22.98	---	---	---
31	19.75	---	18.86	18.76	---	20.25	---	22.77	---	---	---	---
MEAN	20.32	19.45	18.83	18.64	18.39	19.88	21.24	---	---	---	---	---
MAX	20.78	19.86	19.28	20.33	19.65	21.10	22.12	---	---	---	---	---
MIN	19.75	19.02	18.47	17.96	17.73	18.43	19.87	---	---	---	---	---

CAL YR 1984 MEAN 19.54 MAX 24.11 MIN 16.55



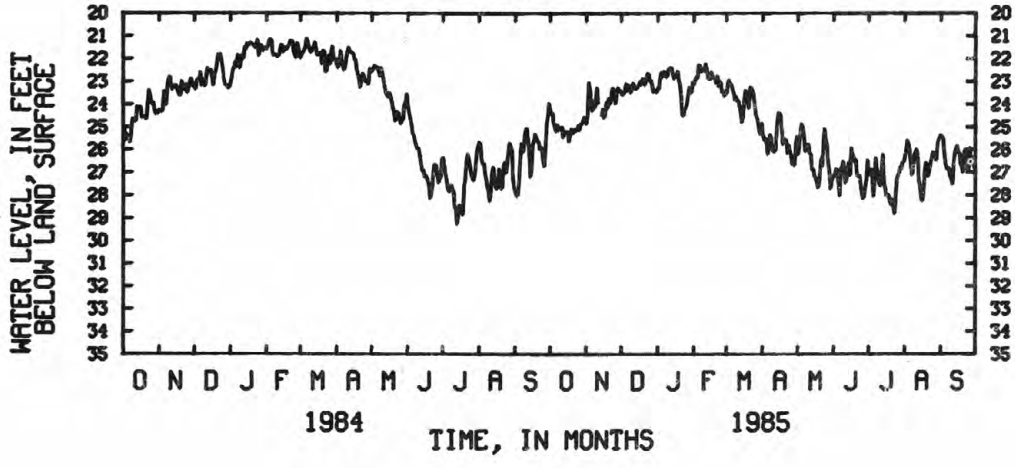
BEAUFORT COUNTY

321125080423000. Local number, BFT-444.
LOCATION.--Lat 32°11'25", long 80°42'30", Hydrologic Unit 03050208, at entrance of Palmetto Dunes Corporation on U.S. Hwy. 278.
Owner: Palmetto Dunes Development Corp.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 212 ft, cased to 146 ft, open hole from 146 to 212 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 16.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.95 ft above land-surface datum.
REMARKS.--Electric and Gamma logs available in District files.
PERIOD OF RECORD.--February 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.67 ft below land-surface datum, Jan. 19, 1976; lowest, 29.29 ft below land-surface datum, July 13, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.26	24.88	23.53	23.27	23.15	23.55	25.35	26.24	27.24	27.11	26.31	25.35
2	24.45	24.43	23.59	23.35	22.93	23.05	25.58	25.86	27.08	27.10	26.08	25.43
3	24.38	23.03	23.52	22.74	22.79	22.92	25.48	25.28	26.84	26.85	25.57	25.54
4	24.88	23.37	23.42	22.59	22.87	23.16	25.65	24.85	26.88	27.11	25.77	26.22
5	25.06	24.03	23.08	22.81	22.27	23.14	26.22	24.99	27.51	28.08	26.01	26.64
6	25.20	24.31	23.42	22.55	22.28	23.34	25.80	25.37	28.05	27.32	26.69	26.85
7	24.88	23.81	23.13	22.58	22.56	23.51	25.32	26.06	26.81	26.35	27.15	26.87
8	25.16	24.17	23.38	22.80	22.56	23.82	25.46	26.07	26.83	26.94	26.87	26.80
9	25.01	23.91	23.50	22.79	22.43	23.65	26.05	25.77	26.50	27.13	26.21	27.21
10	25.13	23.26	23.16	22.46	22.54	23.86	26.09	25.75	27.00	27.52	26.13	27.30
11	24.98	23.98	23.06	22.41	22.21	23.83	26.11	26.17	27.49	27.61	25.97	27.54
12	25.47	---	23.29	22.40	22.44	24.07	25.97	26.23	27.22	27.07	26.38	26.67
13	25.28	---	23.32	22.41	22.89	24.39	25.02	26.90	26.89	26.20	27.39	26.16
14	25.19	24.49	23.34	22.77	22.81	24.82	24.37	26.85	26.54	27.51	27.69	25.96
15	25.19	24.19	23.19	22.89	22.92	24.57	24.35	27.17	27.15	27.68	28.22	25.83
16	25.20	24.61	23.13	22.69	22.57	23.85	24.48	27.25	25.92	28.05	28.26	26.16
17	25.67	24.48	22.98	22.73	22.82	23.38	25.09	27.42	26.21	27.97	27.91	26.18
18	25.36	23.91	23.16	22.55	22.85	23.46	25.78	27.69	26.33	28.01	27.03	26.68
19	25.07	24.19	22.86	22.97	22.87	23.86	25.67	27.60	26.56	28.29	26.55	26.73
20	25.13	23.73	22.88	23.14	23.07	24.19	25.52	26.99	26.44	28.42	26.68	27.03
21	25.27	24.02	23.16	23.69	22.74	23.26	25.61	26.37	27.17	28.17	27.21	26.09
22	25.13	23.84	22.89	24.49	23.22	23.25	26.20	26.77	27.15	28.50	26.92	25.99
23	25.07	23.31	22.65	24.53	22.96	23.39	25.79	25.71	27.14	28.82	26.62	26.81
24	25.17	23.29	22.64	24.22	23.08	23.58	26.07	25.07	27.51	28.27	26.38	26.93
25	24.91	23.65	22.98	24.19	23.48	24.10	26.25	25.56	27.96	27.27	26.10	26.90
26	25.15	23.99	22.96	23.96	23.41	24.49	26.65	25.79	28.16	27.13	26.19	25.91
27	24.85	23.42	23.12	23.60	23.65	24.62	26.62	26.55	28.09	27.03	26.13	26.56
28	24.90	23.27	23.48	23.24	23.55	24.87	26.72	26.93	27.67	26.76	26.48	26.31
29	24.73	23.41	23.42	23.32	---	25.22	25.97	27.76	27.33	26.87	25.75	26.39
30	24.56	23.40	23.35	23.50	---	25.35	25.40	27.50	26.45	26.54	25.59	26.82
31	24.59	---	23.49	23.00	---	24.82	---	27.14	---	26.56	25.45	---
MEAN	25.01	---	23.20	23.12	22.85	23.92	25.69	26.38	27.07	27.43	26.57	26.46
MAX	25.67	---	23.59	24.53	23.65	25.35	26.72	27.76	28.16	28.82	28.26	27.54
MIN	24.26	---	22.64	22.40	22.21	22.92	24.35	24.85	25.92	26.20	25.45	25.35

HYDROGRAPH

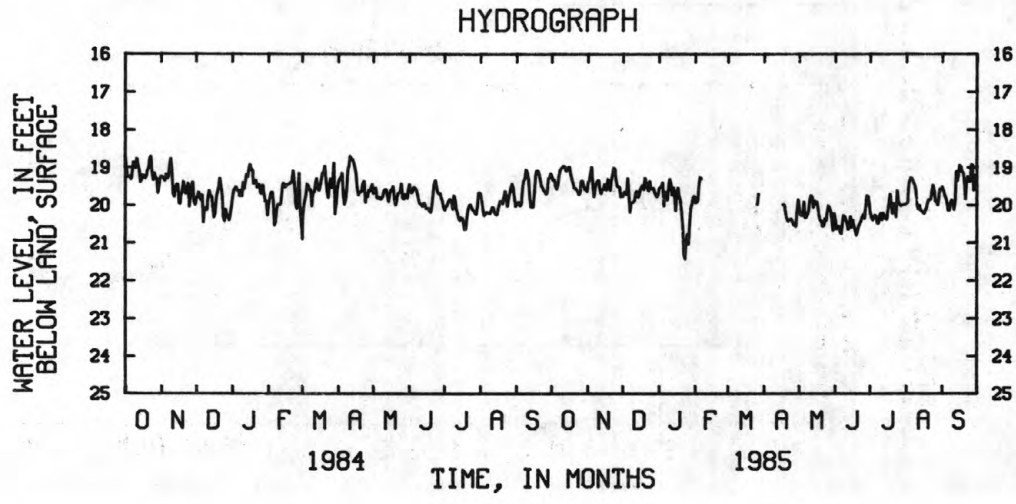


322340080455500. Local number, BFT-453.
LOCATION.--Lat 32°23'40", long 80°45'55", Hydrologic Unit 03050208, 0.75 mi northeast of Edward Burton Rogers Bridge over Broad River at the intersection of State Hwy. 170, 281, and 20.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 104 ft, cased to 63 ft, open hole from 63 to 104 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.5 ft above landsurface datum.
REMARKS.--Geophysical logs available in District files. Water-quality data available in District files.
PERIOD OF RECORD.--December 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.84 ft below land-surface datum, Nov. 14, 1981; lowest, 21.43 ft below land-surface datum, Jan. 23, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.24	19.39	19.77	19.55	19.95	---	---	20.09	20.40	20.20	19.96	19.51
2	19.35	19.34	19.65	19.52	19.92	---	---	20.28	20.64	20.33	19.93	19.62
3	19.33	19.15	19.64	19.50	19.89	---	---	20.26	20.57	20.41	19.41	19.74
4	19.49	18.98	19.72	19.40	19.45	---	---	20.29	20.55	20.30	19.32	19.81
5	19.58	19.43	19.28	20.03	19.24	---	---	19.90	20.71	20.26	19.25	19.95
6	19.48	19.79	19.77	19.64	19.31	---	---	20.34	20.77	20.30	19.32	20.15
7	19.23	19.53	20.20	19.70	---	---	---	20.32	20.52	20.49	19.41	20.15
8	19.05	19.42	19.93	19.87	---	---	---	20.24	20.26	20.50	19.48	19.93
9	19.02	19.36	19.93	19.53	---	---	---	20.14	20.31	20.27	19.61	19.86
10	18.98	19.33	19.91	19.30	---	---	---	19.85	20.38	20.21	20.00	19.90
11	18.95	19.56	19.87	19.43	---	---	---	19.74	20.48	20.40	20.11	20.13
12	18.98	19.70	19.66	19.74	---	---	---	19.79	20.65	20.20	19.99	19.91
13	19.09	19.58	19.62	19.52	---	---	---	20.08	20.61	20.29	20.13	19.10
14	19.08	19.59	19.80	19.67	---	---	---	19.86	20.29	20.36	20.17	19.37
15	18.99	19.44	19.72	20.16	---	---	---	19.98	20.60	20.39	20.19	19.17
16	18.98	19.60	19.58	19.72	---	---	---	19.91	20.38	20.15	20.23	18.93
17	19.19	19.60	19.52	19.53	---	---	19.99	20.07	20.57	19.92	20.15	18.99
18	19.31	19.30	19.46	19.77	---	---	19.99	20.30	20.66	19.70	20.08	19.12
19	19.42	19.49	19.59	19.87	---	---	20.17	20.41	20.80	20.04	19.94	19.15
20	19.56	19.61	19.27	20.15	---	---	20.34	20.44	20.67	20.23	19.85	19.37
21	19.55	19.32	19.43	20.53	---	---	20.43	20.57	20.55	19.94	19.87	19.85
22	19.60	19.19	19.55	21.31	---	---	20.41	20.55	20.48	20.06	19.83	19.32
23	19.65	19.00	19.63	21.43	---	---	20.37	20.35	20.41	20.32	19.62	19.23
24	19.72	19.05	19.35	20.96	---	---	20.38	20.42	20.32	19.60	19.46	19.38
25	19.69	19.34	19.58	20.76	---	---	20.43	20.17	20.24	19.90	19.64	19.39
26	19.36	19.50	19.55	21.04	---	19.98	20.53	20.01	20.36	19.98	19.90	18.92
27	19.34	19.53	19.55	20.49	---	19.69	20.53	20.08	20.06	20.02	19.93	18.92
28	19.47	19.53	19.67	20.07	---	---	20.58	20.19	19.74	19.99	20.01	19.62
29	19.59	19.79	19.73	19.96	---	---	20.16	20.38	19.76	19.99	19.79	19.50
30	19.58	19.68	19.79	19.79	---	---	19.84	20.69	19.93	19.97	19.56	19.19
31	19.65	---	19.73	19.75	---	---	---	20.21	---	19.98	19.61	---
MEAN	19.34	19.44	19.66	19.99	---	---	---	20.19	20.42	20.15	19.80	19.51
MAX	19.72	19.79	20.20	21.43	---	---	---	20.69	20.80	20.50	20.23	20.15
MIN	18.95	18.98	19.27	19.30	---	---	---	19.74	19.74	19.60	19.25	18.92

CAL YR 1984 MEAN 19.65 MAX 20.91 MIN 18.69



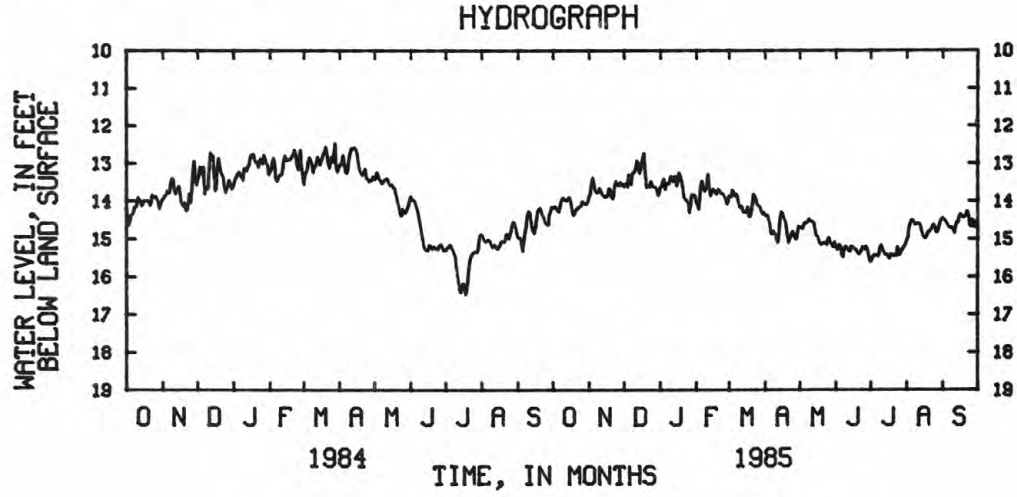
BEAUFORT COUNTY

321459080420101. Local number, BFT-786.
LOCATION.--Lat 32°14'59", long 80°42'01", Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at end of State Road 335.
Owner: Town of Hilton Head.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 524 ft, cased to 300 ft, open hole from 300 to 524 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 12.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .70 ft above land-surface datum (revised).
REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.
PERIOD OF RECORD.--December 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 8.83 ft below land-surface datum, May 18, 1980; lowest, 16.48 ft below land-surface datum, July 18, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.15	13.86	13.62	13.63	14.06	13.86	14.38	14.69	15.19	15.60	15.03	14.45
2	14.18	13.80	13.55	13.61	14.12	13.89	14.40	14.71	15.29	15.52	14.95	14.49
3	14.13	13.55	13.53	13.49	14.22	13.86	14.37	14.74	15.23	15.44	14.68	14.53
4	14.20	13.37	13.63	13.40	13.90	13.70	14.50	14.64	15.15	15.44	14.58	14.57
5	14.26	13.52	13.29	13.70	13.53	13.78	14.59	14.58	15.20	15.44	14.51	14.63
6	14.28	13.73	13.46	13.54	13.46	13.87	14.87	14.57	15.44	15.43	14.51	14.69
7	14.14	13.77	13.56	13.53	13.68	13.81	14.87	14.56	15.49	15.47	14.55	14.71
8	14.00	13.78	13.27	13.55	13.75	13.86	14.79	14.55	15.26	15.40	14.63	14.71
9	13.92	13.73	13.23	13.48	13.68	14.06	14.84	14.47	15.21	15.21	14.60	14.70
10	13.91	13.65	13.20	13.34	13.61	14.17	14.90	14.53	15.21	15.16	14.60	14.79
11	13.97	13.72	13.14	13.34	13.28	14.14	15.05	14.55	15.28	15.29	14.59	14.86
12	13.99	13.83	12.92	13.49	13.65	14.14	15.10	14.55	15.33	15.34	14.60	14.67
13	13.98	13.86	12.98	13.36	13.87	14.30	14.82	14.58	15.33	15.42	14.69	14.55
14	13.93	13.90	13.27	13.33	13.77	14.27	14.46	14.76	15.20	15.40	14.83	14.57
15	13.89	13.85	13.17	13.61	13.69	14.31	14.28	14.92	15.21	15.43	14.92	14.42
16	13.97	13.88	13.00	13.48	13.69	14.27	14.32	14.93	15.23	15.51	14.99	14.35
17	14.17	13.86	12.84	13.24	13.77	14.15	14.45	15.01	15.29	15.52	14.98	14.38
18	14.37	13.66	12.72	13.32	13.83	14.43	14.52	15.12	15.27	15.40	14.94	14.45
19	14.36	13.68	13.22	13.43	13.72	14.41	14.61	15.16	15.34	15.40	14.85	14.41
20	14.28	13.90	13.65	13.59	13.68	14.30	14.87	15.14	15.40	15.46	14.80	14.42
21	14.21	13.95	13.57	13.87	13.74	14.07	15.11	15.11	15.40	15.43	14.78	14.35
22	14.19	13.87	13.61	13.96	13.81	13.81	15.02	15.12	15.34	15.43	14.75	14.26
23	14.15	13.56	13.63	13.96	13.80	13.87	14.95	15.10	15.28	15.46	14.70	14.39
24	14.15	13.47	13.47	14.02	13.81	13.95	14.84	15.16	15.21	15.21	14.62	14.66
25	14.13	13.55	13.61	14.04	13.90	14.10	14.80	15.03	15.25	15.43	14.66	14.69
26	14.01	13.60	13.63	14.32	13.94	14.14	14.92	14.96	15.28	15.41	14.83	14.48
27	14.02	13.58	13.63	14.11	14.08	14.13	15.01	15.10	15.20	15.31	14.84	14.52
28	14.07	13.49	13.65	13.82	14.05	14.22	15.01	15.14	15.28	15.27	14.77	14.71
29	14.08	13.59	13.69	13.88	---	14.32	14.83	15.20	15.45	15.23	14.64	14.57
30	14.05	13.54	13.86	13.83	---	14.36	14.66	15.22	15.61	15.18	14.54	14.53
31	14.00	---	13.80	13.87	---	14.30	---	15.08	---	15.12	14.48	---
MEAN	14.10	13.70	13.40	13.65	13.79	14.09	14.74	14.87	15.29	15.38	14.72	14.55
MAX	14.37	13.95	13.86	14.32	14.22	14.43	15.11	15.22	15.61	15.60	15.03	14.86
MIN	13.89	13.37	12.72	13.24	13.28	13.70	14.28	14.47	15.15	15.12	14.48	14.26

CAL YR 1984 MEAN 13.94 MAX 16.48 MIN 12.46
WTR YR 1985 MEAN 14.36 MAX 15.61 MIN 12.72

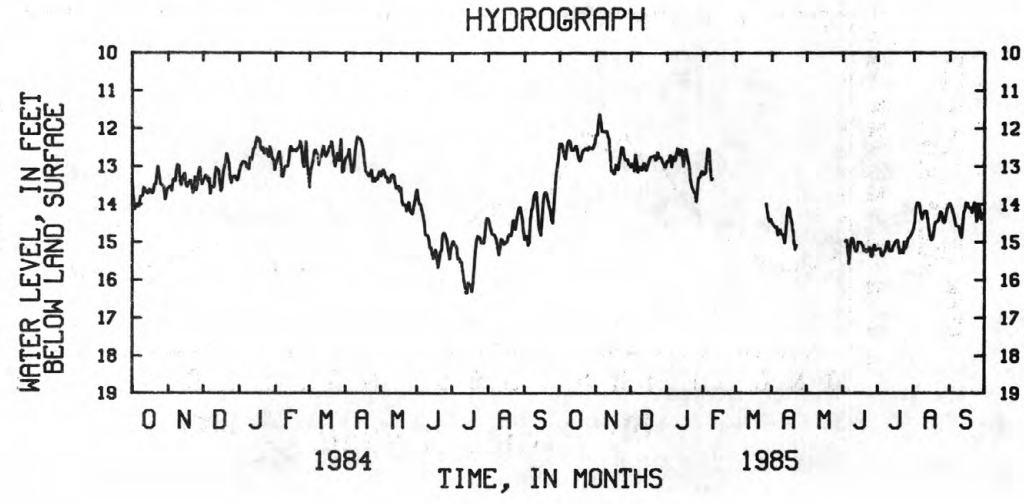


321459080420102. Local number, BFT-787.
LOCATION.--Lat 32°14'59", long 80°42'01", Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at end of State Road 335.
Owner: Town of Hilton Head.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 239 ft, cased to 126 ft, open hole from 126 to 239 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Geophysical logs and Water-quality data available in District files.
PERIOD OF RECORD.--July 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.99 ft below land-surface datum, Mar. 9, 1978; lowest 16.35 ft below land-surface datum July 13, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.39	12.17	13.02	12.85	13.22	---	14.50		---	15.18	14.63	13.97
2	12.40	12.18	12.92	12.88	13.19	---	14.55		---	15.17	14.48	14.05
3	12.42	11.86	12.94	12.80	13.17	---	14.59		14.98	15.17	14.08	14.15
4	12.61	11.61	13.13	12.70	12.81	---	14.63		14.94	15.35	13.96	14.25
5	12.73	11.82	12.68	13.02	12.51	---	14.58		15.14	15.37	13.94	14.39
6	12.81	12.08	12.89	12.75	12.57	---	14.82		15.58	15.28	14.02	14.56
7	12.55	12.08	13.16	12.73	13.07	---	14.68		15.28	15.24	14.22	14.59
8	12.36	12.10	13.00	12.85	13.36	---	14.66		14.93	15.16	14.40	14.59
9	12.30	12.09	13.01	12.69	13.30	---	14.79		14.88	14.99	14.28	14.62
10	12.35	12.07	13.10	12.51	---	---	14.80		14.98	14.98	14.21	14.80
11	12.58	12.19	13.07	12.55	---	---	14.86		15.17	15.24	14.17	14.89
12	12.56	12.28	12.90	12.71	---	---	15.03		15.25	15.23	14.20	14.59
13	12.57	12.60	12.93	12.55	---	---	14.73		15.21	15.24	14.38	14.21
14	12.50	13.13	13.11	12.61	---	---	14.28		14.99	15.12	14.62	14.14
15	12.45	13.11	13.02	13.00	---	---	14.07		15.00	15.07	14.84	13.95
16	12.57	13.20	12.92	12.77	---	---	14.14		15.00	15.01	14.95	13.96
17	12.78	13.18	12.81	12.53	---	---	14.36		15.05	14.96	14.94	14.08
18	12.86	12.94	12.74	12.70	---	---	14.47		15.09	14.95	14.81	14.12
19	12.80	13.04	12.74	12.85	---	---	14.68		15.23	15.13	14.57	14.09
20	12.67	13.09	12.73	13.02	---	---	15.02		15.18	15.30	14.46	14.23
21	12.58	12.89	12.71	13.35	---	---	15.20		15.26	15.20	14.47	14.10
22	12.56	12.73	12.83	13.53	---	---	15.06		15.23	15.22	14.44	13.95
23	12.51	12.48	12.82	13.60	---	---	---		15.17	15.30	14.36	14.08
24	12.55	12.50	12.61	13.68	---	---	---		15.13	14.98	14.19	14.47
25	12.57	12.70	12.77	13.71	---	---	---		15.37	15.17	14.23	14.33
26	12.48	12.82	12.77	13.94	---	---	---		15.39	15.07	14.45	13.99
27	12.49	12.85	12.79	13.60	---	14.00	---		15.20	14.93	14.50	14.18
28	12.53	12.80	12.88	13.29	---	14.21	---		15.06	14.88	14.44	14.41
29	12.54	12.96	12.94	13.29	---	14.38	---		15.21	14.85	14.24	14.26
30	12.46	12.92	13.03	13.18	---	14.47	---		15.19	14.79	14.09	14.24
31	12.38	---	12.99	13.11	---	14.39	---		---	14.72	14.03	---
MEAN	12.55	12.55	12.90	13.01	---	---	---		---	15.10	14.37	14.27
MAX	12.86	13.20	13.16	13.94	---	---	---		---	15.37	14.95	14.89
MIN	12.30	11.61	12.61	12.51	---	---	---		---	14.72	13.94	13.95

CAL YR 1984 MEAN 13.49 MAX 16.35 MIN 11.61



BERKELEY COUNTY

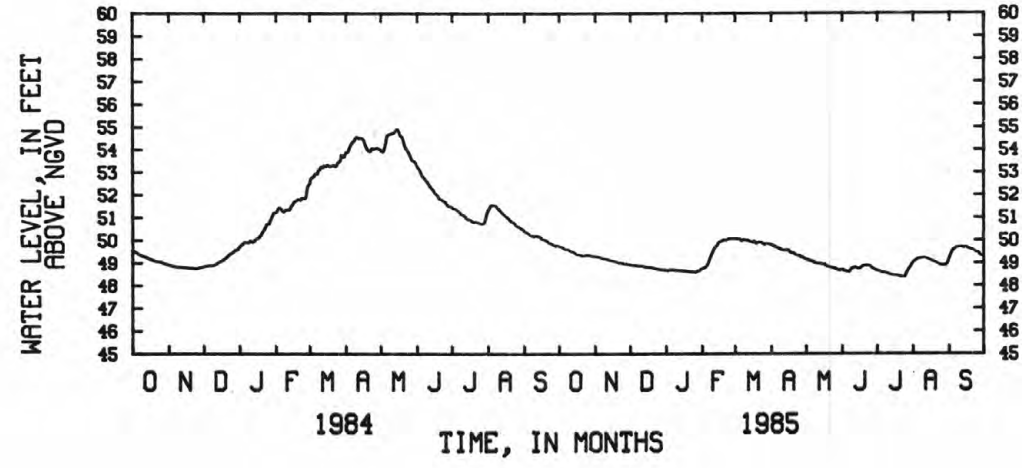
332455079545501. Local number, BRK-62, Cooper River Rediversion No. 19.
LOCATION.--Lat 33°24'55", long 79°54'55", Hydrologic Unit 03050112, North Main Street in St. Stephens.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 32 ft, cased to 21 ft, screened interval 21-31 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of platform, 74.61 ft above National Geodetic Vertical Datum of 1929, 2.7 ft above land surface.
REMARKS.--Record estimated May 7 to 15, 1984. 1973 Gamma log available in District files. 1978 water-quality data available in District files.
PERIOD OF RECORD.--November 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 59.08 ft NGVD, Mar. 27, 1983; lowest, 48.36 ft NGVD, July 24, 1985.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.74	49.29	48.91	48.67	48.75	50.08	49.79	49.15	48.70	48.66	49.04	49.22
2	49.71	49.29	48.91	48.66	48.78	50.07	49.76	49.14	48.67	48.64	49.08	49.35
3	49.71	49.27	48.90	48.67	48.79	50.04	49.74	49.11	48.64	48.62	49.12	49.46
4	49.68	49.27	48.89	48.70	48.83	50.06	49.71	49.08	48.62	48.60	49.15	49.55
5	49.64	49.26	48.90	48.68	48.90	50.05	49.70	49.07	48.61	48.58	49.18	49.60
6	49.61	49.23	48.90	48.68	49.00	49.98	49.67	49.06	48.60	48.57	49.19	49.64
7	49.60	49.20	48.87	48.70	49.14	49.99	49.64	49.04	48.60	48.56	49.21	49.67
8	49.60	49.19	48.88	48.68	49.27	50.04	49.62	49.00	48.68	48.55	49.22	49.69
9	49.58	49.19	48.87	48.66	49.40	50.02	49.60	48.98	48.74	48.54	49.23	49.71
10	49.55	49.19	48.86	48.67	49.51	49.99	49.57	48.98	48.78	48.52	49.23	49.72
11	49.52	49.18	48.86	48.67	49.63	50.00	49.57	48.98	48.79	48.49	49.22	49.71
12	49.50	49.14	48.85	48.65	49.70	50.01	49.55	48.98	48.80	48.48	49.20	49.69
13	49.49	49.12	48.83	48.66	49.75	49.95	49.56	48.96	48.78	48.47	49.18	49.68
14	49.46	49.11	48.82	48.66	49.82	49.96	49.58	48.95	48.75	48.45	49.16	49.67
15	49.42	49.10	48.81	48.63	49.91	49.90	49.57	48.93	48.74	48.44	49.14	49.68
16	49.39	49.09	48.81	48.63	49.94	49.91	49.53	48.93	48.75	48.43	49.12	49.69
17	49.37	49.07	48.80	48.66	49.96	49.96	49.48	48.92	48.80	48.43	49.09	49.66
18	49.37	49.08	48.80	48.64	49.97	49.89	49.45	48.87	48.84	48.42	49.07	49.63
19	49.36	49.06	48.79	48.62	50.02	49.86	49.44	48.84	48.87	48.42	49.04	49.61
20	49.34	49.02	48.78	48.61	50.00	49.89	49.42	48.83	48.88	48.40	49.03	49.59
21	49.32	49.01	48.76	48.60	50.00	49.91	49.39	48.81	48.88	48.39	49.00	49.58
22	49.32	49.01	48.75	48.60	50.03	49.92	49.37	48.80	48.88	48.38	48.97	49.55
23	49.34	49.01	48.74	48.60	50.05	49.90	49.34	48.79	48.88	48.37	48.93	49.51
24	49.36	48.99	48.73	48.59	50.07	49.89	49.32	48.77	48.85	48.36	48.92	49.49
25	49.35	48.97	48.72	48.59	50.06	49.83	49.32	48.75	48.83	48.41	48.90	49.47
26	49.35	48.95	48.70	48.57	50.07	49.81	49.27	48.73	48.79	48.55	48.88	49.47
27	49.34	48.95	48.70	48.62	50.07	49.85	49.25	48.71	48.75	48.65	48.90	49.40
28	49.33	48.96	48.70	48.65	50.05	49.86	49.24	48.69	48.73	48.72	48.90	49.34
29	49.32	48.94	48.69	48.64	---	49.84	49.19	48.67	48.69	48.80	48.91	49.32
30	49.30	48.93	48.68	48.68	---	49.82	49.17	48.66	48.67	48.88	48.94	49.31
31	49.28	---	48.68	48.73	---	49.81	---	48.70	---	48.97	49.08	---
MEAN	49.46	49.10	48.80	48.65	49.62	49.94	49.49	48.90	48.75	48.54	49.07	49.56
MAX	49.74	49.29	48.91	48.73	50.07	50.08	49.79	49.15	48.88	48.97	49.23	49.72
MIN	49.28	48.93	48.68	48.57	48.75	49.81	49.17	48.66	48.60	48.36	48.88	49.22

CAL YR 1984 MEAN 51.27 MAX 54.92 MIN 48.68
WTR YR 1985 MEAN 49.15 MAX 50.08 MIN 48.36

HYDROGRAPH



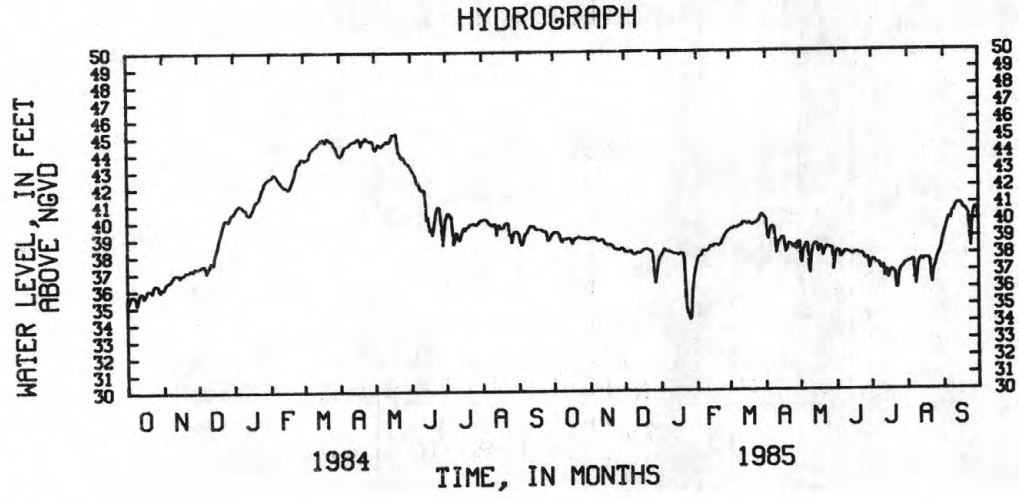
BERKELEY COUNTY

332455079545500. Local number, BRK-63, Cooper River Rediversion No. 20.
LOCATION.--Lat 33°24'55", long 79°54'55", Hydrologic Unit 03050112, North Main Street in St. Stephens.
Owner: U.S. Army Corp of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 158 ft, cased to 133 ft, open hole from 133 to 158 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of platform, 75.04 ft above National Geodetic Vertical Datum of 1929, 2.93 ft above land surface.
REMARKS.--1973 Gamma log available in District files. 1973 and 1978 water-quality data available in District files.
PERIOD OF RECORD.--November 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 50.95 ft NGVD, Mar. 26, 1975; lowest, 28.62 ft NGVD, Oct. 31, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.34	38.98	38.18	37.96	37.61	39.47	40.05	37.62	38.19	37.57	37.48	39.13
2	39.34	39.02	38.17	38.06	37.84	39.51	39.10	37.45	38.21	37.65	37.51	39.36
3	39.34	38.99	38.18	38.23	37.89	39.49	38.88	38.19	38.14	37.63	37.49	39.63
4	39.34	39.00	38.16	38.34	37.92	39.55	39.27	38.34	37.78	37.48	37.55	39.87
5	39.26	39.01	38.19	38.26	38.05	39.60	39.51	38.47	37.83	37.45	37.61	40.09
6	39.15	38.96	38.24	38.17	38.22	39.58	39.62	38.61	37.92	37.42	37.59	40.13
7	38.85	38.85	38.11	38.21	38.20	39.56	39.60	38.53	38.07	37.44	36.47	40.01
8	38.75	38.81	38.05	38.21	38.19	39.63	39.48	37.26	38.14	37.22	36.13	40.46
9	38.91	38.85	38.02	38.15	38.21	39.67	38.87	36.85	38.15	37.08	36.61	40.46
10	38.95	38.87	38.05	38.11	38.23	39.68	38.04	37.82	38.13	37.26	37.32	40.64
11	38.96	38.91	38.10	38.10	38.36	39.73	38.47	38.25	38.08	37.28	37.56	40.79
12	38.96	38.84	38.13	38.06	38.51	39.85	38.73	38.47	38.06	36.63	37.65	40.90
13	38.98	38.74	38.12	38.03	38.45	39.89	38.76	38.56	38.00	36.83	37.70	40.93
14	38.99	38.63	38.11	38.06	38.45	39.89	38.92	38.63	37.96	37.04	37.58	40.91
15	39.00	38.59	38.15	38.03	38.54	39.81	38.98	38.51	37.96	36.53	37.62	40.91
16	38.84	38.62	38.22	37.97	38.57	39.78	38.97	38.11	38.06	36.73	37.70	40.86
17	38.65	38.60	38.28	38.06	38.58	39.87	38.65	38.45	38.06	36.98	37.66	40.72
18	38.88	38.58	38.32	38.09	38.56	39.83	38.10	38.50	38.09	37.04	37.69	40.61
19	38.95	38.62	38.33	38.08	38.50	39.76	38.21	38.34	38.05	37.00	37.69	40.59
20	39.00	38.52	38.35	38.04	38.53	39.73	38.47	37.87	38.00	36.91	37.51	40.52
21	39.01	38.41	38.31	37.50	38.57	39.77	38.63	38.12	38.00	36.85	36.68	40.38
22	39.05	38.34	38.27	35.62	38.77	39.82	38.57	38.25	37.99	35.94	36.23	40.25
23	39.08	38.33	38.22	34.83	38.91	39.82	38.53	38.43	37.95	35.95	36.96	39.00
24	39.01	38.33	38.20	34.55	39.05	39.88	38.39	38.43	37.80	36.51	37.17	38.34
25	38.99	38.30	37.87	34.39	39.19	39.94	38.39	38.35	37.66	36.93	37.41	39.69
26	39.00	38.29	36.95	34.17	39.27	40.03	38.53	38.36	37.70	37.07	37.70	40.33
27	38.99	38.31	36.30	34.34	39.35	40.23	38.25	38.33	37.78	37.17	37.91	40.64
28	38.96	38.40	36.73	35.84	39.40	40.36	38.59	38.30	37.63	37.23	38.06	40.67
29	38.94	38.37	37.25	36.59	---	40.34	38.69	37.03	37.09	37.35	38.22	40.69
30	38.94	38.30	37.66	37.01	---	40.18	38.68	37.47	37.44	37.42	38.53	40.15
31	38.94	---	37.84	37.34	---	40.14	---	38.03	---	37.43	38.87	---
MEAN	39.01	38.65	37.97	37.24	38.50	39.82	38.80	38.13	37.93	37.07	37.48	40.26
MAX	39.34	39.02	38.35	38.34	39.40	40.36	40.05	38.63	38.21	37.65	38.87	40.93
MIN	38.65	38.29	36.30	34.17	37.61	39.47	38.04	36.85	37.09	35.94	36.13	38.34

CAL YR 1984 MEAN 41.05 MAX 45.24 MIN 36.30
WTR YR 1985 MEAN 38.40 MAX 40.93 MIN 34.17

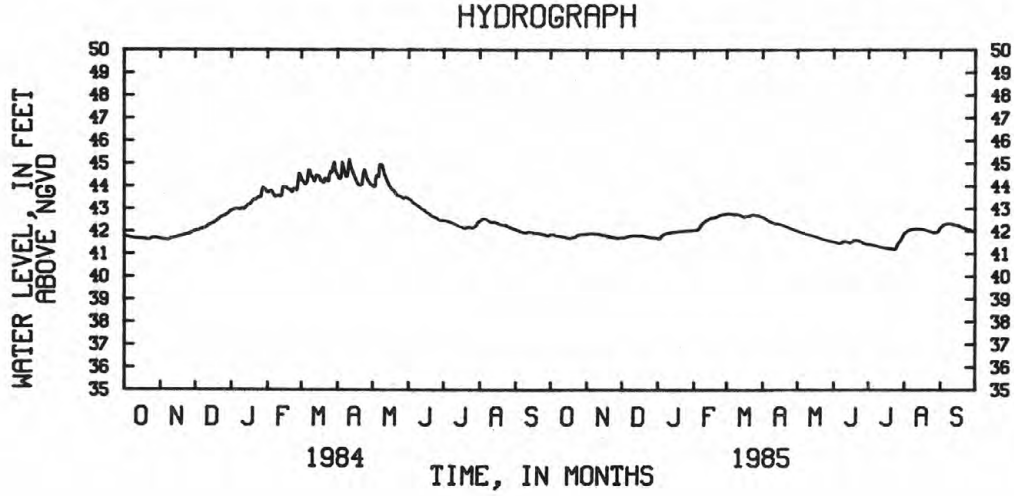


BERKELEY COUNTY

332630079592501 Local number, BRK-64, Cooper River Rediversion No. 3.
LOCATION.--Lat 33°26'30, long 79°59'25", Hydrologic Unit 03050112, at intersection of State Roads 6 and 35 west of U.S. Hwy. 52.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 35 ft, cased to 20 ft, screened interval 20-35 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 61.24 ft above National Geodetic Vertical Datum of 1929, 2.6 ft above land surface.
PERIOD OF RECORD.--September 1975 to current year
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 46.71 ft NGVD, Mar. 18, 1983; lowest, 41.17 ft NGVD, Nov. 25 to 28, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.86	41.89	41.71	41.68	42.06	42.78	42.61	42.01	41.52	41.41	41.91	42.17
2	41.85	41.90	41.71	41.67	42.06	42.78	42.58	41.99	41.51	41.41	41.96	42.22
3	41.85	41.90	41.72	41.70	42.06	42.77	42.56	41.97	41.50	41.40	42.00	42.27
4	41.83	41.91	41.73	41.80	42.08	42.78	42.52	41.95	41.48	41.39	42.04	42.30
5	41.80	41.91	---	41.84	42.11	42.78	42.50	41.94	41.47	41.37	42.06	42.32
6	41.79	41.90	41.77	41.87	42.21	42.74	42.46	41.92	41.46	41.36	42.07	42.34
7	41.78	41.89	41.78	41.90	42.29	42.73	42.43	41.90	41.46	41.35	42.09	42.34
8	41.78	41.89	41.80	41.91	42.35	42.76	42.41	41.87	41.51	41.34	42.10	42.34
9	41.77	41.88	41.81	41.92	42.39	42.75	42.39	41.86	41.54	41.33	42.10	42.34
10	41.76	41.88	41.82	41.94	42.43	42.73	42.36	41.84	41.54	41.32	42.11	42.33
11	41.75	41.88	41.82	41.95	42.48	42.73	42.35	41.83	41.53	41.30	42.11	42.31
12	41.74	41.86	41.82	41.95	42.50	42.73	42.33	41.83	41.52	41.29	42.11	42.29
13	41.72	41.85	41.82	41.97	42.53	42.69	42.33	41.82	41.51	41.28	42.11	42.27
14	41.71	41.83	41.81	41.98	42.56	42.68	42.34	41.80	41.49	41.27	42.11	42.27
15	41.69	41.83	41.81	41.97	42.59	42.64	42.34	41.78	41.48	41.26	42.10	42.26
16	41.68	41.82	41.80	41.98	42.60	42.63	42.31	41.77	41.50	41.25	42.09	42.25
17	41.67	41.80	41.80	42.00	42.61	42.69	42.28	41.76	41.56	41.24	42.08	42.22
18	41.69	41.80	41.80	42.00	42.61	42.67	42.26	41.73	41.59	41.23	42.07	42.20
19	41.72	41.79	41.79	42.01	42.64	42.66	42.25	41.71	41.60	41.23	42.05	42.18
20	41.73	41.76	41.78	42.00	42.64	42.68	42.23	41.69	41.60	41.22	42.03	42.16
21	41.74	41.74	41.77	42.01	42.66	42.69	42.21	41.67	41.60	41.21	42.02	42.14
22	41.76	41.74	41.76	42.02	42.69	42.72	42.19	41.65	41.58	41.20	42.00	42.12
23	41.80	41.74	41.75	42.02	42.72	42.73	42.17	41.64	41.56	41.19	41.99	42.10
24	41.83	41.72	41.74	42.03	42.74	42.75	42.15	41.62	41.54	41.20	41.98	42.08
25	41.85	41.70	41.72	42.03	42.74	42.71	42.13	41.61	41.51	41.30	41.96	42.06
26	41.86	41.69	41.71	42.02	42.75	42.69	42.10	41.59	41.47	41.43	41.94	42.06
27	41.87	41.69	41.70	42.04	42.76	42.71	42.09	41.58	41.45	41.51	41.94	42.02
28	41.87	41.70	41.70	42.04	42.76	42.70	42.07	41.57	41.44	41.54	41.95	41.99
29	41.88	41.71	41.70	42.03	---	42.68	42.04	41.55	41.43	41.63	41.96	41.98
30	41.88	41.72	41.69	42.04	---	42.65	42.02	41.53	41.41	41.73	42.01	41.96
31	41.88	---	41.69	42.05	---	42.63	---	41.53	---	41.84	42.12	---
MEAN	41.79	41.81	---	41.95	42.49	42.71	42.30	41.76	41.51	41.36	42.04	42.20
MAX	41.88	41.91	---	42.05	42.76	42.78	42.61	42.01	41.60	41.84	42.12	42.34
MIN	41.67	41.69	---	41.67	42.06	42.63	42.02	41.53	41.41	41.19	41.91	41.96

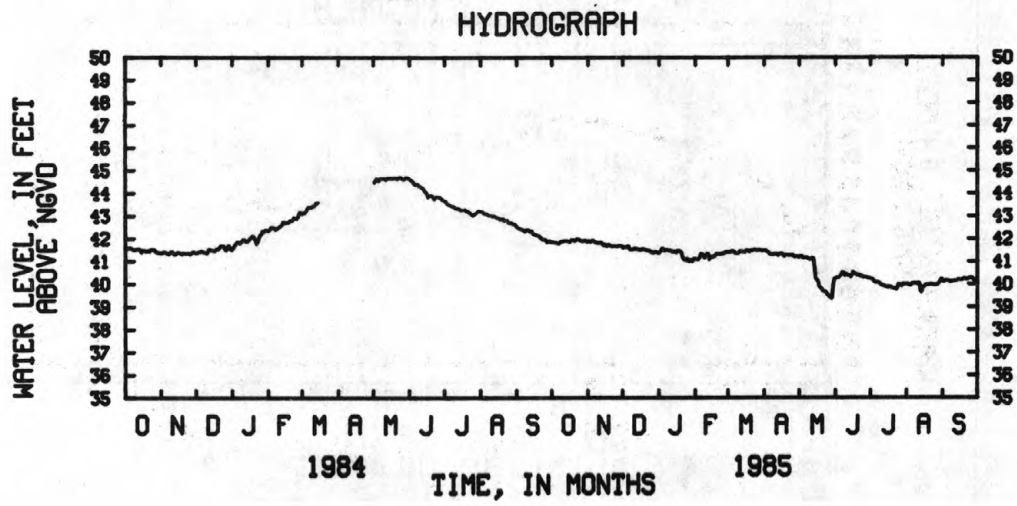


BERKELEY COUNTY

332630079592500. Local number, BRK-65, Cooper River Rediversion No. 4.
LOCATION.--Lat 33°26'30", long 79°59'25", Hydrologic Unit 03050112, at intersection of State Roads 6 and 35 west of U.S. Hwy. 52.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 130 ft, cased to 102 ft, open hole from 102 to 130 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 61.17 ft above National Geodetic Vertical Datum of 1929, 2.6 ft above land surface.
REMARKS.--1973 Water-quality Data available in District files. 1973 Gamma log available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 45.80 ft NGVD, Apr. 24, 1983; lowest, 39.35 ft NGVD, May 29, 1985.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.86	41.87	41.59	41.38	41.12	41.42	41.48	41.19	40.24	40.23	39.98	40.16
2	41.85	41.91	41.61	41.39	41.09	41.42	41.49	41.22	40.28	40.21	40.01	40.08
3	41.84	41.85	41.64	41.50	41.08	41.42	41.43	41.24	40.29	40.19	39.96	40.15
4	41.83	41.89	41.62	41.59	41.08	41.43	41.41	41.15	40.28	40.10	39.94	40.16
5	41.81	41.92	41.66	41.47	41.20	41.46	41.37	41.15	40.34	40.06	39.96	40.16
6	41.79	41.89	41.67	41.47	41.35	41.41	41.30	41.16	40.40	40.08	40.02	40.14
7	41.79	41.86	41.53	41.52	41.29	41.36	41.32	41.18	40.52	40.08	40.02	40.09
8	41.81	41.82	41.53	41.49	41.24	41.37	41.29	41.13	40.50	40.05	40.05	40.09
9	41.88	41.83	41.51	41.47	41.14	41.37	41.32	41.10	40.36	40.00	40.01	40.12
10	41.88	41.81	41.54	41.49	41.22	41.35	41.30	41.08	40.44	39.96	40.00	40.13
11	41.90	41.82	41.57	41.46	41.32	41.41	41.35	41.09	40.38	39.92	40.06	40.13
12	41.91	41.83	41.57	41.42	41.34	41.45	41.28	41.14	40.37	39.94	40.01	40.15
13	41.91	41.79	41.56	41.43	41.06	41.41	41.26	41.12	---	39.88	39.66	40.15
14	41.90	41.71	41.54	41.44	41.16	41.44	41.29	40.75	40.33	39.88	39.62	40.17
15	41.89	41.73	41.50	41.40	41.22	41.42	41.35	40.22	40.34	39.88	39.88	40.20
16	41.87	41.75	41.51	41.38	41.18	41.41	41.34	40.15	40.54	39.83	39.89	40.18
17	41.86	41.67	41.52	41.47	41.24	41.50	41.29	40.11	40.46	39.90	39.90	40.19
18	41.95	41.68	41.54	41.46	41.23	41.46	41.22	39.88	40.43	39.86	39.97	40.19
19	41.95	41.75	41.55	41.42	41.31	41.43	41.26	39.82	40.39	39.83	39.96	40.21
20	41.91	41.70	41.51	41.39	41.34	41.43	41.28	39.78	40.39	39.81	39.97	40.25
21	41.91	41.67	41.49	41.20	41.31	41.48	41.28	39.68	40.39	39.81	39.98	40.20
22	41.95	41.65	41.48	41.07	41.34	41.49	41.27	39.67	40.33	39.78	40.00	40.22
23	41.99	41.69	41.47	41.06	41.31	41.49	41.27	39.65	40.38	39.76	39.98	40.22
24	41.97	41.67	41.45	41.03	41.35	41.53	41.27	39.60	40.30	39.78	39.95	40.25
25	41.92	41.67	41.43	41.13	41.34	41.49	41.28	39.51	40.30	40.00	39.96	40.26
26	41.91	41.66	41.38	41.01	41.38	41.47	41.23	39.49	40.32	39.98	39.96	40.28
27	41.88	41.65	41.39	40.99	41.40	41.49	41.19	39.41	40.29	39.94	39.98	40.23
28	41.89	41.71	41.40	41.08	41.41	41.51	41.23	39.38	40.27	39.90	39.98	40.15
29	41.93	41.69	41.41	40.99	---	41.49	41.22	39.35	40.25	40.00	40.02	40.15
30	41.91	41.68	41.42	41.02	---	41.46	41.18	39.91	40.25	39.98	40.14	40.19
31	41.87	---	41.37	41.12	---	41.48	---	40.23	---	40.01	40.23	---
MEAN	41.89	41.76	41.51	41.31	41.25	41.44	41.30	40.37	---	39.96	39.97	40.17
MAX	41.99	41.92	41.67	41.59	41.41	41.53	41.49	41.24	---	40.23	40.23	40.28
MIN	41.79	41.65	41.37	40.99	41.06	41.35	41.18	39.35	---	39.76	39.62	40.08

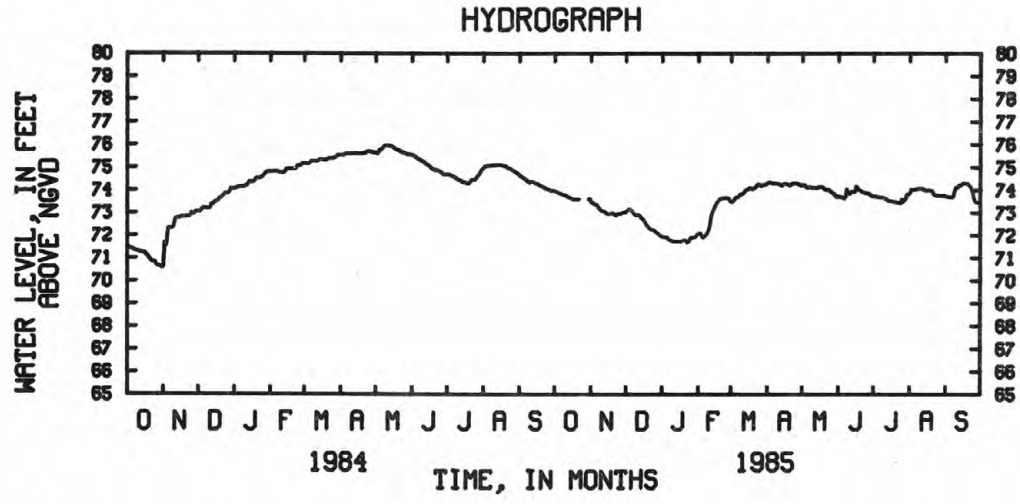


BERKELEY COUNTY

332435079580500. Local number, BRK-66. Cooper River Rediversion No. 5.
LOCATION.--Lat 33°24'35", long 79°58'05", Hydrologic Unit 03050112, in fork of side roads connecting State Hwys. 45 and 18.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 42 ft, cased to 32 ft, screened interval 32-42 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 96.40 ft above National Geodetic Vertical Datum of 1929, 12.46 ft above land surface.
REMARKS.--Record estimated April 18 to May 1, 1984.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 76.25 ft NGVD, Jan. 10, 1983; lowest, 67.66 ft NGVD, Apr. 16, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.95	73.47	73.04	71.93	72.07	73.48	74.30	74.23	73.72	73.73	73.87	73.71
2	73.92	73.45	73.08	71.92	72.12	73.48	74.34	74.23	73.72	73.73	74.03	73.71
3	73.89	73.40	73.15	71.92	72.06	73.51	74.34	74.20	73.70	73.72	74.02	73.70
4	73.88	73.37	73.18	71.93	71.93	73.60	74.33	74.14	73.68	73.70	74.02	73.70
5	73.85	73.37	73.10	71.92	71.90	73.68	74.30	74.11	73.65	73.69	74.02	73.69
6	73.83	73.33	73.07	71.82	71.97	73.69	74.30	74.12	73.64	73.68	74.03	73.69
7	73.80	73.24	73.00	71.80	71.98	73.69	74.30	74.15	73.69	73.68	74.05	73.66
8	73.80	73.17	72.94	71.78	72.04	73.75	74.30	74.13	74.06	73.68	74.06	73.83
9	73.78	73.12	72.89	71.75	72.15	73.82	74.30	74.10	73.84	73.66	74.07	74.04
10	73.76	73.08	72.89	71.73	72.30	73.83	74.27	74.10	73.84	73.65	74.06	74.13
11	73.73	73.06	72.92	71.74	72.55	73.83	74.24	74.11	73.85	73.62	74.05	74.08
12	73.69	73.05	72.89	71.74	72.90	73.89	74.22	74.10	73.92	73.58	74.05	74.17
13	73.67	73.03	72.83	71.72	73.05	73.95	74.20	74.08	73.94	73.53	73.99	74.23
14	73.65	72.98	72.77	71.72	73.15	74.02	74.20	74.11	73.92	73.53	73.99	74.21
15	73.63	72.95	72.72	71.75	73.28	74.04	74.26	74.14	73.90	73.53	73.98	74.24
16	73.60	72.96	72.67	71.72	73.37	74.05	74.29	74.15	74.18	73.50	74.00	74.29
17	73.57	72.96	72.60	71.73	73.46	74.11	74.28	74.16	74.11	73.50	73.99	74.32
18	73.60	72.97	72.48	71.75	73.51	74.06	74.24	74.14	74.01	73.49	73.98	74.29
19	73.60	73.00	72.42	71.78	73.58	74.04	74.22	74.08	74.00	73.48	73.98	74.29
20	73.59	72.97	72.37	71.80	73.63	74.05	74.20	74.03	73.95	73.47	73.94	74.26
21	73.56	72.92	72.29	71.76	73.64	74.09	74.23	74.01	73.92	73.46	73.84	74.19
22	73.61	72.88	72.27	71.67	73.66	74.13	74.28	74.00	73.89	73.46	73.78	74.17
23	---	72.91	72.25	71.67	73.66	74.19	74.30	74.02	73.87	73.45	73.77	74.05
24	---	72.96	72.22	71.77	73.67	74.26	74.31	73.99	73.87	73.41	73.76	73.90
25	---	72.97	72.21	71.87	73.67	74.23	74.31	73.93	73.86	73.61	73.75	73.66
26	---	72.98	72.16	71.91	73.66	74.19	74.30	73.90	73.86	73.48	73.75	73.49
27	---	72.98	72.12	71.90	73.63	74.19	74.27	73.86	73.82	73.57	73.74	73.46
28	---	73.01	72.08	71.92	73.52	74.23	74.25	73.82	73.80	73.55	73.75	73.45
29	---	73.03	72.04	71.93	---	74.23	74.21	73.77	73.74	73.78	73.73	73.44
30	73.59	73.03	71.98	71.95	---	74.23	74.20	73.70	73.73	73.82	73.77	73.40
31	73.63	---	71.96	72.05	---	74.25	---	73.72	---	73.82	73.74	---
MEAN	---	73.09	72.60	71.82	72.93	73.96	74.27	74.04	73.86	73.60	73.92	73.91
MAX	---	73.47	73.18	72.05	73.67	74.26	74.34	74.23	74.18	73.82	74.07	74.32
MIN	---	72.88	71.96	71.67	71.90	73.48	74.20	73.70	73.64	73.41	73.73	73.40



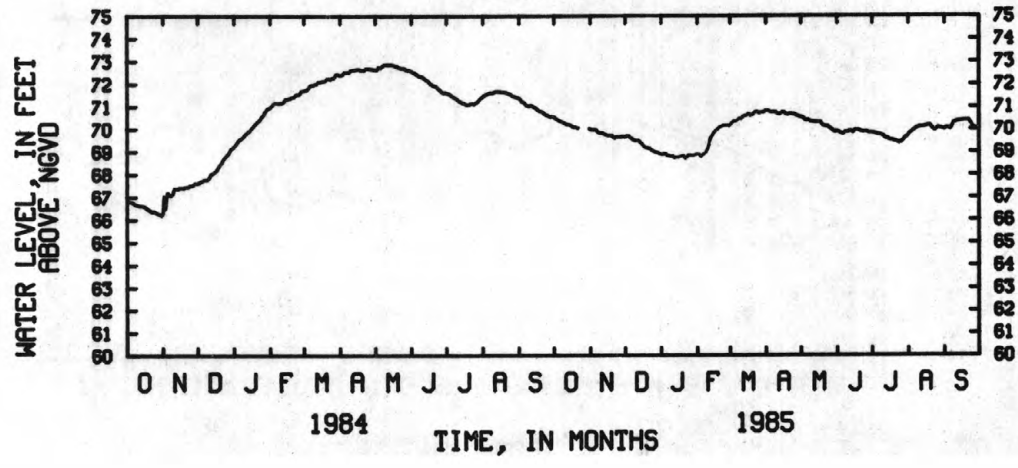
BERKELEY COUNTY

332435079580501. Local number, BRK-67, Cooper River Rediversion No. 6.
LOCATION.--Lat 33°24'35", long 79°58'05", Hydrologic Unit 03050112, in fork of side roads connecting State Hwys. 45 and 18.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 173 ft, cased to 140 ft, open hole from 140 to 173 ft.
DATUM.--Measuring point: Top of casing, 96.95 ft above National Geodetic Vertical Datum of 1929, 3.0 ft above land surface.
INSTRUMENTATION.--Digital recorder--60 minute punch.
REMARKS.--1973 Electric and Gamma logs available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 72.86 ft NGVD, May 9-14, 1984; lowest, 48.10 ft NGVD, Sept. 18, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.54	69.97	69.66	68.87	68.88	70.14	70.82	70.53	69.90	69.83	69.73	69.99
2	70.47	69.98	69.67	68.86	68.90	70.22	70.81	70.51	69.86	69.82	69.81	70.03
3	70.44	69.97	69.70	68.88	68.82	70.27	70.79	70.47	69.83	69.80	69.83	70.06
4	70.41	69.97	69.67	68.91	68.77	70.32	70.76	70.41	69.81	69.79	69.88	70.06
5	70.38	69.98	69.61	68.89	68.78	70.36	70.75	70.38	69.78	69.76	69.92	70.04
6	70.35	69.95	69.60	68.81	68.88	70.35	70.75	70.40	69.77	69.76	69.97	69.98
7	70.32	69.88	69.55	68.82	68.89	70.35	70.75	70.42	69.81	69.75	70.01	70.07
8	70.30	69.84	69.51	68.81	68.92	70.41	70.75	70.36	69.87	69.74	70.04	70.17
9	70.28	69.82	69.48	68.78	69.01	70.46	70.75	70.34	69.86	69.72	70.07	70.28
10	70.25	69.81	69.49	68.79	69.13	70.47	70.68	70.33	69.87	69.70	70.08	70.31
11	70.22	69.83	69.50	68.79	69.30	70.43	70.68	70.33	69.88	69.65	70.10	70.32
12	70.21	69.80	69.49	68.72	69.58	70.54	70.67	70.32	69.93	69.60	70.11	70.36
13	70.20	69.77	69.44	68.72	69.63	70.56	70.66	70.31	69.89	69.58	70.11	70.35
14	70.18	69.74	69.40	68.75	69.71	70.60	70.69	70.32	69.85	69.58	70.11	70.37
15	70.16	69.72	69.35	68.75	69.80	70.59	70.74	70.31	69.85	69.54	70.12	70.37
16	70.13	69.72	69.29	68.73	69.87	70.62	70.74	70.31	69.94	69.52	70.15	70.38
17	70.08	69.71	69.23	68.76	69.92	70.68	70.69	70.31	69.96	69.51	70.16	70.39
18	70.10	69.71	69.19	68.78	69.96	70.59	70.66	70.26	69.96	69.50	70.18	70.40
19	70.09	69.73	69.17	68.80	70.02	70.60	70.64	70.19	69.94	69.48	70.19	70.40
20	70.07	69.66	69.16	68.81	70.06	70.63	70.65	70.14	69.92	69.47	70.13	70.40
21	70.04	69.61	69.13	68.73	70.09	70.65	70.67	70.13	69.90	69.45	70.06	70.40
22	70.05	69.60	69.13	68.68	70.11	70.72	70.68	70.11	69.89	69.43	70.01	70.41
23	---	69.64	69.09	68.73	70.14	70.75	70.68	70.13	69.88	69.41	69.95	70.29
24	---	69.65	69.04	68.80	70.16	70.78	70.66	70.08	69.88	69.36	69.94	70.23
25	---	69.66	69.03	68.85	70.16	70.71	70.65	70.04	69.88	69.44	69.98	70.10
26	---	69.66	68.98	68.82	70.16	70.71	70.62	70.02	69.89	69.40	70.04	70.06
27	---	69.64	68.97	68.81	70.17	70.72	70.59	69.97	69.85	69.48	70.07	70.07
28	---	69.67	68.95	68.83	70.12	70.75	70.58	69.93	69.84	69.50	70.03	70.04
29	---	69.67	68.93	68.83	---	70.74	70.54	69.88	69.83	69.60	70.05	70.02
30	---	69.64	68.90	68.83	---	70.75	70.53	69.87	69.83	69.64	70.02	69.99
31	70.00	---	68.89	68.87	---	70.78	---	69.90	---	69.65	70.00	---
MEAN	---	69.77	69.30	68.80	69.57	70.56	70.69	70.23	69.87	69.60	70.03	70.21
MAX	---	69.98	69.70	68.91	70.17	70.78	70.82	70.53	69.96	69.83	70.19	70.41
MIN	---	69.60	68.89	68.68	68.77	70.14	70.53	69.87	69.77	69.36	69.73	69.98

HYDROGRAPH



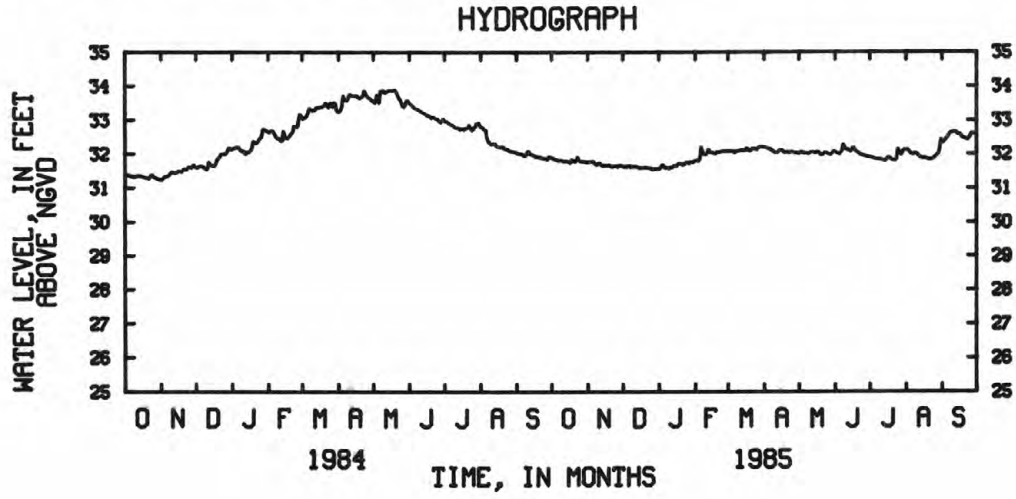
BERKELEY COUNTY

332525079562000. Local number, BRK-68, Cooper River Rediversion No. 7.
LOCATION.--Lat 33°25'25", long 79°56'20", Hydrologic Unit 03050112, northwest of St. Stephens to State Hwy. 293, north across State Hwy. 64, dirt road to 0.5 mi south of Crawl Creek.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 35 ft, cased to 25 ft, screened interval 25-35 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 52.18 ft above National Geodetic Vertical Datum of 1929, 2.50 ft above land surface.
REMARKS.--1973 Water-quality data available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.06 ft NGVD, Oct. 30, 1975; lowest, 31.01 ft NGVD, Dec. 2, 3, 8, 10, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.89	31.74	31.62	31.56	31.79	32.08	32.19	32.01	32.05	31.90	32.11	32.34
2	31.85	31.77	31.62	31.56	31.81	32.08	32.18	32.02	32.02	31.89	32.13	32.33
3	31.85	31.76	31.63	31.62	31.79	32.06	32.17	32.06	32.01	31.88	32.09	32.37
4	31.83	31.77	31.61	31.68	31.78	32.07	32.15	32.02	31.99	31.86	32.04	32.41
5	31.82	31.78	31.63	31.62	31.88	32.08	32.14	32.01	31.99	31.85	32.00	32.46
6	31.81	31.74	31.66	31.58	32.20	32.04	32.13	32.02	32.01	31.84	31.99	32.51
7	31.80	31.70	31.61	31.59	32.06	32.03	32.10	32.02	32.10	31.84	31.98	32.56
8	31.82	31.69	31.62	31.59	31.99	32.07	32.08	32.00	32.28	31.84	32.00	32.60
9	31.81	31.70	31.62	31.56	31.97	32.08	32.06	32.00	32.19	31.83	32.02	32.64
10	31.80	31.71	31.63	31.57	31.97	32.08	32.03	32.01	32.13	31.83	32.00	32.65
11	31.78	31.73	31.63	31.60	32.01	32.09	32.04	32.04	32.11	31.82	31.96	32.65
12	31.78	31.68	31.63	31.60	32.13	32.11	32.03	32.06	32.13	31.81	31.93	32.66
13	31.79	31.66	31.61	31.61	32.07	32.10	32.04	32.04	32.10	31.80	31.89	32.64
14	31.78	31.65	31.60	31.65	32.03	32.11	32.09	32.03	32.06	31.79	31.88	32.59
15	31.76	31.65	31.58	31.64	32.03	32.09	32.11	32.02	32.06	31.80	31.87	32.59
16	31.74	31.67	31.58	31.62	32.02	32.09	32.10	32.04	32.17	31.87	31.87	32.59
17	31.73	31.65	31.58	31.69	32.01	32.17	32.06	32.06	32.18	31.90	31.87	32.55
18	31.83	31.66	31.59	31.71	32.00	32.12	32.03	32.03	32.10	31.87	31.87	32.50
19	31.80	31.68	31.59	31.71	32.02	32.08	32.04	31.98	32.06	31.83	31.85	32.47
20	31.78	31.64	31.60	31.70	32.05	32.09	32.05	31.97	32.04	31.81	31.83	32.46
21	31.77	31.62	31.59	31.67	32.04	32.11	32.04	31.98	32.02	31.81	31.82	32.45
22	31.80	31.62	31.59	31.68	32.04	32.15	32.03	31.98	31.99	31.81	31.84	32.44
23	31.91	31.64	31.58	31.70	32.06	32.15	32.03	32.03	31.97	31.81	31.84	32.42
24	31.82	31.65	31.58	31.73	32.07	32.15	32.05	32.03	31.95	31.86	31.85	32.45
25	31.78	31.64	31.57	31.75	32.07	32.12	32.06	32.01	31.94	32.15	31.89	32.50
26	31.78	31.62	31.54	31.71	32.07	32.12	32.03	31.99	31.93	32.04	31.90	32.59
27	31.78	31.62	31.54	31.72	32.07	32.17	32.02	31.98	31.92	32.02	31.94	32.62
28	31.77	31.67	31.55	31.76	32.06	32.19	32.03	31.97	31.91	31.96	31.98	32.59
29	31.77	31.66	31.56	31.74	---	32.20	32.02	31.98	31.90	32.07	32.02	32.60
30	31.76	31.64	31.56	31.74	---	32.20	32.00	32.03	31.90	32.11	32.19	32.60
31	31.75	---	31.56	31.78	---	32.20	---	32.08	---	32.12	32.44	---
MEAN	31.80	31.68	31.60	31.66	32.00	32.11	32.07	32.02	32.04	31.89	31.96	32.53
MAX	31.91	31.78	31.66	31.78	32.20	32.20	32.19	32.08	32.28	32.15	32.44	32.66
MIN	31.73	31.62	31.54	31.56	31.78	32.03	32.00	31.97	31.90	31.79	31.82	32.33

CAL YR 1984 MEAN 32.57 MAX 33.89 MIN 31.54
WTR YR 1985 MEAN 31.94 MAX 32.66 MIN 31.54



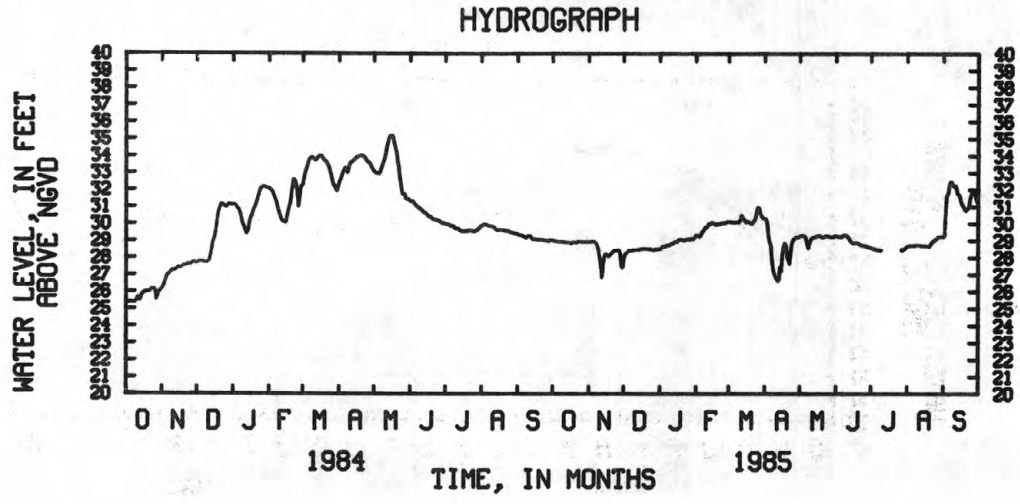
BERKELEY COUNTY

332525079562001. Local number, BRK-69, Cooper River Rediversion No. 8.
LOCATION.--Lat 33°25'25", long 79°56'20", Hydrologic Unit 03050112, northwest of St. Stephens, 0.5 mi south of Crawl Creek.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 113 ft, cased to 73 ft, open hole from 73 to 113 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 53.39 ft above National Geodetic Vertical Datum of 1929, 3.8 ft above land surface.
REMARKS.--1973 Gamma log available in District files. 1973 Water-quality data available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 41.44 ft NGVD, Apr. 6, 1977; lowest, 18.53 ft NGVD, Dec. 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.02	28.91	27.91	28.51	29.33	30.12	30.27	29.25	29.28	28.56	28.65	29.24
2	28.97	28.94	28.15	28.53	29.33	30.11	30.24	29.28	29.25	28.54	28.70	29.25
3	28.98	28.93	28.26	28.62	29.24	30.06	29.98	29.32	29.24	28.52	28.70	30.74
4	28.97	28.96	28.29	28.70	29.22	30.07	29.22	29.27	29.22	28.50	28.70	31.69
5	28.95	28.96	28.38	28.67	29.33	30.09	28.91	29.27	29.22	28.47	28.70	31.71
6	28.93	28.91	28.45	28.65	29.51	30.06	28.71	29.13	29.23	28.45	28.70	32.23
7	28.92	28.85	28.39	28.73	29.54	30.07	27.84	28.83	29.27	28.45	28.71	32.46
8	28.95	28.69	28.44	28.75	29.66	30.10	27.30	28.55	29.34	28.44	28.73	32.46
9	28.94	28.48	28.44	28.72	29.81	30.07	27.03	28.84	29.33	28.44	28.74	32.29
10	28.91	28.03	28.46	28.77	29.79	30.06	26.84	29.02	29.28	28.43	28.74	32.19
11	28.90	27.65	28.47	28.82	29.85	30.25	26.73	29.12	29.20	---	28.74	32.24
12	28.89	26.81	28.47	28.83	30.01	30.51	26.63	29.19	29.14	---	28.72	32.13
13	28.91	27.41	28.47	28.87	29.99	30.31	26.68	29.21	29.00	---	28.70	31.75
14	28.91	28.01	28.46	28.95	30.04	30.23	27.46	29.23	28.90	---	28.69	31.71
15	28.88	28.21	28.47	28.94	30.07	30.10	27.17	29.23	28.87	---	28.69	31.61
16	28.84	28.22	28.50	28.92	30.01	30.06	28.17	29.27	28.88	---	28.69	31.29
17	28.83	28.08	28.52	29.04	29.96	30.15	28.65	29.32	28.88	---	28.69	31.09
18	28.92	28.10	28.52	29.06	29.93	30.09	28.87	29.28	28.88	---	28.70	31.04
19	28.91	28.12	28.53	29.05	29.98	30.04	28.70	29.22	28.86	---	28.67	30.85
20	28.89	28.22	28.52	29.05	30.00	30.00	28.05	29.21	28.83	---	28.66	30.75
21	28.88	28.27	28.51	29.00	29.97	29.98	27.84	29.22	28.78	---	28.76	30.84
22	28.90	28.35	28.51	29.02	30.00	30.09	27.63	29.22	28.75	---	28.88	30.88
23	28.95	28.41	28.48	29.04	30.04	30.19	28.33	29.26	28.73	---	28.95	30.98
24	28.94	28.44	28.49	29.08	30.05	30.34	28.84	29.28	28.71	---	29.00	31.45
25	28.94	28.44	28.48	29.11	30.04	30.79	29.04	29.26	28.70	---	29.05	31.72
26	28.93	28.43	28.44	29.04	30.05	30.97	29.10	29.24	28.70	---	29.07	31.97
27	28.92	28.44	28.45	29.07	30.06	30.91	29.16	29.22	28.67	28.44	29.17	32.04
28	28.93	28.19	28.48	29.14	30.12	30.61	29.21	29.22	28.63	28.45	29.22	31.84
29	28.94	27.47	28.49	29.10	---	30.44	29.22	29.22	28.60	28.49	29.24	31.47
30	28.93	27.39	28.50	29.11	---	30.34	29.22	29.22	28.59	28.53	29.24	31.26
31	28.91	---	28.49	29.21	---	30.30	---	29.26	---	28.59	29.24	---
MEAN	28.92	28.28	28.43	28.91	29.82	30.24	28.37	29.18	28.97	---	28.83	31.44
MAX	29.02	28.96	28.53	29.21	30.12	30.97	30.27	29.32	29.34	---	29.24	32.46
MIN	28.83	26.81	27.91	28.51	29.22	29.98	26.63	28.55	28.59	---	28.65	29.24

CAL YR 1984 MEAN 30.58 MAX 35.20 MIN 26.81



BERKELEY COUNTY

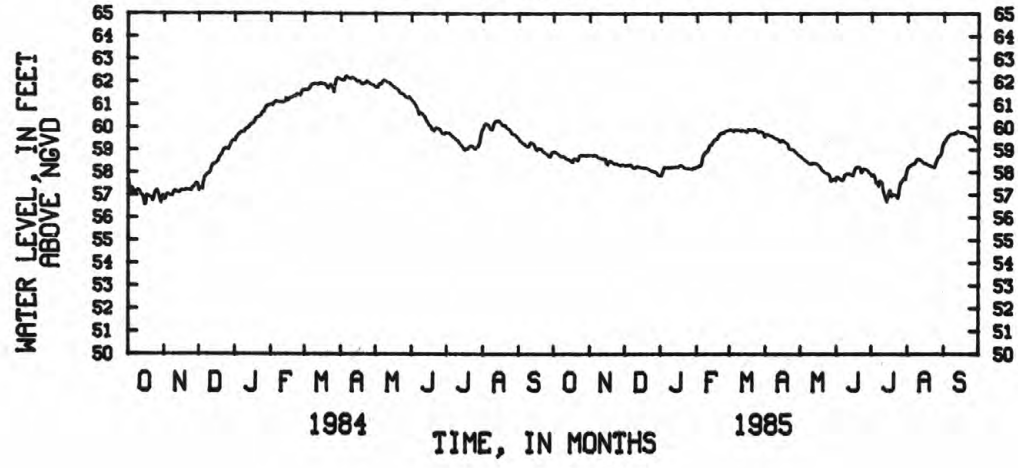
332425079535000. Local number, BRK-70, Cooper River Rediversion No. 11.
LOCATION.--Lat 33°24'25", long 79°53'50", Hydrologic Unit 03050112, 1.3 mi east of St. Stephens on State Hwy. 45, left on dirt road under power lines, and 1,000 ft north of highway.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 35 ft, cased to 20 ft, screened interval 20-35 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 79.97 ft above National Geodetic Vertical Datum of 1929, 2.79 ft above land-surface.
REMARKS.--1973 and 1978 Water-quality data available in District files. 1973 Gamma log available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.08 ft NGVD, Mar. 27, 1983; lowest, 56.31 ft NGVD, Oct. 23, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58.91	58.76	58.29	57.84	58.24	59.89	59.68	58.69	57.81	57.83	58.18	59.34
2	58.91	58.76	58.29	57.92	58.28	59.90	59.68	58.65	57.79	57.89	58.27	59.40
3	58.86	58.74	58.32	58.07	58.29	59.87	59.69	58.61	57.76	57.91	58.31	59.49
4	58.84	58.76	58.32	58.23	58.30	59.82	59.63	58.57	57.69	57.75	58.34	59.57
5	58.80	58.77	58.33	58.22	58.42	59.89	59.63	58.52	57.64	57.51	58.37	59.63
6	58.76	58.77	58.34	58.19	58.71	59.88	59.61	58.48	57.66	57.56	58.39	59.68
7	58.70	58.71	58.26	58.22	58.84	59.87	59.57	58.44	57.73	57.39	58.41	59.71
8	58.69	58.65	58.20	58.22	58.88	59.90	59.54	58.39	57.89	57.63	58.50	59.71
9	58.70	58.63	58.19	58.20	58.94	59.87	59.51	58.37	57.94	57.62	58.59	59.72
10	58.69	58.63	58.23	58.22	58.97	59.84	59.48	58.38	57.94	57.55	58.61	59.74
11	58.64	58.60	58.26	58.24	59.06	59.86	59.48	58.41	57.92	57.18	58.60	59.75
12	58.58	58.60	58.26	58.22	59.21	59.88	59.44	58.41	57.94	57.00	58.52	59.81
13	58.58	58.60	58.25	58.22	59.24	59.86	59.35	58.40	57.92	56.87	58.51	59.84
14	58.55	58.59	58.22	58.26	59.30	59.84	59.37	58.39	57.87	56.70	58.44	59.80
15	58.52	58.39	58.20	58.24	59.38	59.79	59.43	58.36	57.87	56.87	58.39	59.77
16	58.46	58.32	58.18	58.22	59.46	59.83	59.40	58.32	58.04	57.15	58.41	59.77
17	58.45	58.48	58.19	58.29	59.48	59.92	59.34	58.28	58.18	57.23	58.39	59.78
18	58.58	58.50	58.19	58.32	59.50	59.90	59.31	58.21	58.23	56.92	58.34	59.77
19	58.62	58.50	58.17	58.29	59.59	59.87	59.28	58.12	58.25	57.04	58.31	59.75
20	58.59	58.44	58.17	58.26	59.68	59.88	59.23	58.06	58.25	57.00	58.29	59.73
21	58.52	58.40	58.15	58.20	59.73	59.89	59.04	58.02	58.22	56.97	58.26	59.70
22	58.58	58.37	58.12	58.18	59.77	59.91	59.00	57.96	57.98	57.01	58.26	59.64
23	58.74	58.38	58.08	58.15	59.75	59.92	59.01	57.97	58.05	56.87	58.23	59.61
24	58.77	58.37	58.06	58.17	59.80	59.88	58.99	57.92	58.15	56.93	58.23	59.61
25	58.76	58.34	58.05	58.17	59.82	59.78	58.99	57.93	58.15	57.33	58.44	59.61
26	58.76	58.31	58.03	58.15	59.85	59.80	58.92	57.82	58.13	57.56	58.56	59.60
27	58.77	58.30	58.01	58.14	59.86	59.82	58.88	57.60	58.09	57.64	58.68	59.54
28	58.73	58.34	58.00	58.17	59.87	59.81	58.82	57.68	58.07	57.67	58.74	59.44
29	58.76	58.32	57.93	58.18	---	59.80	58.77	57.67	57.96	57.78	58.78	59.37
30	58.77	58.32	57.85	58.19	---	59.72	58.73	57.72	57.96	57.70	58.90	59.35
31	58.76	---	57.86	58.24	---	59.57	---	57.62	---	58.01	59.22	---
MEAN	58.69	58.52	58.16	58.19	59.22	59.85	59.29	58.19	57.97	57.36	58.47	59.64
MAX	58.91	58.77	58.34	58.32	59.87	59.92	59.69	58.69	58.25	58.01	59.22	59.84
MIN	58.45	58.30	57.85	57.84	58.24	59.57	58.73	57.60	57.64	56.70	58.18	59.34

CAL YR 1984 MEAN 60.09 MAX 62.23 MIN 57.85
WTR YR 1985 MEAN 58.62 MAX 59.92 MIN 56.70

HYDROGRAPH



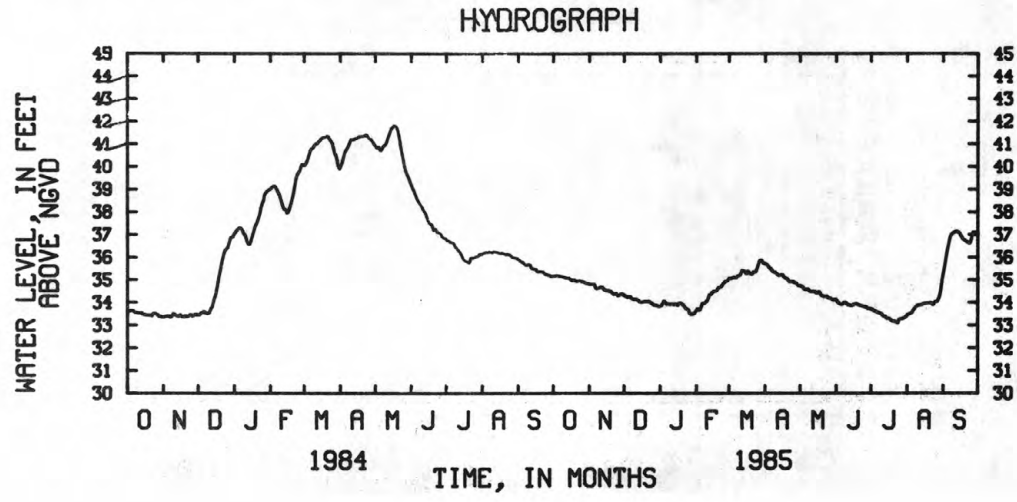
BERKELEY COUNTY

332425079535001. Local number, BRK-71, Cooper River Rediversion No. 12.
LOCATION.--Lat 33°24'25", long 79°53'50", Hydrologic Unit 03050112, 1.3 mi east of St. Stephens on State Hwy. 45, left on dirt road under power lines, and 1,000 ft north of highway.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 143 ft, cased to 125 ft, open hole from 125 to 143 ft.
INSTRUMENTATION.--Digital recorder--60 minutes punch.
DATUM.--Measuring point: Top of casing, 80.41 ft above National Geodetic Vertical Datum of 1929, 3.09 ft above land surface.
REMARKS.--1973 Gamma log available in District files. 1973 and 1978 Water-quality data available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 44.23 ft NGVD, Jan. 24, 1977; lowest, 30.01 ft NGVD, Nov. 14, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.16	34.81	34.30	33.85	33.66	35.07	35.71	34.73	34.10	33.71	33.45	35.26
2	35.16	34.80	34.27	33.85	33.74	35.08	35.69	34.69	34.01	33.68	33.49	35.53
3	35.17	34.79	34.27	33.97	33.67	35.07	35.63	34.69	33.97	33.63	33.51	35.86
4	35.18	34.82	34.22	34.08	33.68	35.09	35.57	34.59	33.92	33.64	33.53	36.14
5	35.17	34.80	34.26	34.01	33.83	35.14	35.50	34.55	33.92	33.58	33.56	36.42
6	35.15	34.65	34.27	33.92	33.98	35.11	35.49	34.58	33.92	33.58	33.65	36.66
7	35.14	34.61	34.18	33.96	33.96	35.09	35.39	34.60	33.96	33.54	33.71	36.89
8	35.14	34.63	34.16	33.95	33.97	35.16	35.34	34.54	34.01	33.53	33.80	37.00
9	35.12	34.64	34.12	33.90	34.03	35.19	35.35	34.50	33.98	33.51	33.82	37.06
10	35.12	34.67	34.16	33.94	34.08	35.19	35.28	34.47	33.94	33.48	33.88	37.09
11	35.09	34.70	34.14	33.96	34.17	35.26	35.27	34.49	33.90	33.41	33.89	37.12
12	35.08	34.65	34.11	33.91	34.35	35.42	35.18	34.49	33.90	33.39	33.89	37.17
13	35.07	34.61	34.10	33.91	34.34	35.40	35.18	34.49	33.86	33.38	33.91	37.14
14	35.06	34.53	34.02	33.96	34.42	35.38	35.21	34.44	33.85	33.30	33.91	37.08
15	35.02	34.52	34.02	33.91	34.48	35.31	35.23	34.41	33.86	33.31	33.95	37.06
16	34.99	34.53	34.01	33.87	34.51	35.26	35.21	34.44	33.92	33.30	33.96	36.95
17	34.95	34.52	34.03	33.98	34.51	35.39	35.12	34.48	33.95	33.26	33.97	36.88
18	35.00	34.50	34.03	33.98	34.51	35.32	35.08	34.40	33.95	33.22	33.98	36.78
19	34.99	34.50	34.06	33.95	34.59	35.26	35.04	34.31	33.93	33.17	33.98	36.75
20	34.94	34.43	34.04	33.91	34.67	35.25	35.03	34.28	33.90	33.19	33.99	36.71
21	34.93	34.38	34.03	33.86	34.66	35.27	34.94	34.26	33.86	33.16	33.99	36.68
22	34.94	34.36	34.06	33.78	34.70	35.36	34.90	34.26	33.85	33.15	33.96	36.65
23	34.98	34.39	34.01	33.73	34.77	35.33	34.94	34.29	33.83	33.10	33.89	36.62
24	34.94	34.39	33.97	33.69	34.84	35.37	34.93	34.25	33.82	33.09	33.94	36.61
25	34.93	34.31	33.95	33.67	34.90	35.50	34.93	34.21	33.80	33.27	34.03	36.73
26	34.91	34.31	33.90	33.52	34.95	35.67	34.86	34.18	33.81	33.28	34.03	36.98
27	34.89	34.32	33.88	33.47	34.95	35.83	34.85	34.16	33.79	33.29	34.07	37.12
28	34.85	34.38	33.87	33.52	34.99	35.89	34.81	34.13	33.74	33.29	34.15	37.11
29	34.84	34.37	33.85	33.50	---	35.85	34.75	34.10	33.74	33.33	34.30	37.05
30	34.84	34.35	33.83	33.50	---	35.75	34.74	34.10	33.74	33.34	34.55	36.99
31	34.81	---	33.82	33.60	---	35.73	---	34.15	---	33.39	34.98	---
MEAN	35.02	34.54	34.06	33.83	34.35	35.35	35.17	34.40	33.89	33.37	33.93	36.74
MAX	35.18	34.82	34.30	34.08	34.99	35.89	35.71	34.73	34.10	33.71	34.98	37.17
MIN	34.81	34.31	33.82	33.47	33.66	35.07	34.74	34.10	33.74	33.09	33.45	35.26

CAL YR 1984 MEAN 37.36 MAX 41.81 MIN 33.82
WTR YR 1985 MEAN 34.55 MAX 37.17 MIN 33.09



BERKELEY COUNTY

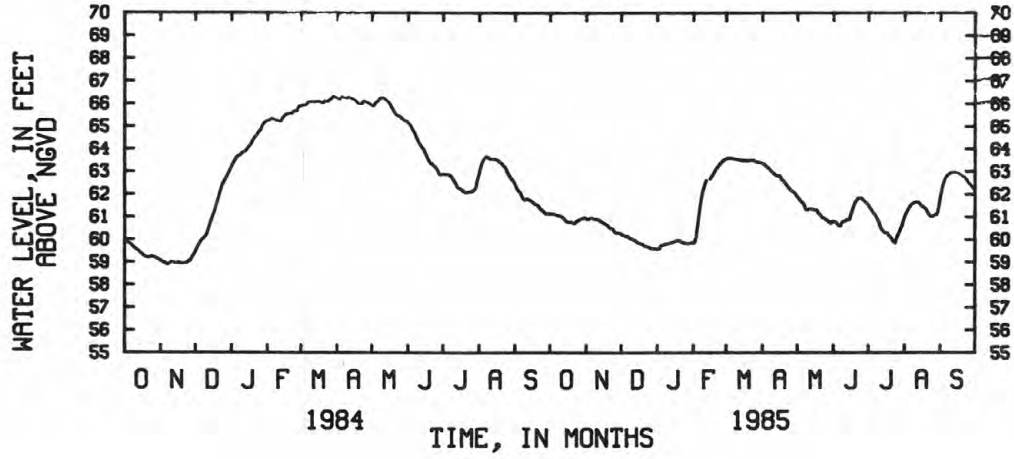
332320079550000. Local number, BRK-74, Cooper River Rediversion No. 9.
LOCATION.--Lat 33°23'20", long 79°55'00", Hydrologic Unit 03050112, in intersection of State Hwys. 40 and 351 south of St. Stephens.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 30 ft, cased to 20 ft, screened interval 20-30 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 80.69 ft above National Geodetic Vertical Datum of 1929, 3.27 ft above land surface.
REMARKS.--1973 Water-quality data available in District files.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 66.91 ft NGVD, Mar. 27, 1983; lowest, 58.54 ft NGVD, Nov. 29, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61.13	60.90	60.22	59.57	59.85	63.57	63.36	61.88	60.80	61.52	61.00	61.84
2	61.12	60.89	60.19	59.57	59.88	63.60	63.31	61.82	60.78	61.42	61.15	62.11
3	61.12	60.89	60.19	59.64	60.09	63.58	63.28	61.74	60.76	61.33	61.24	62.35
4	61.12	60.93	60.14	59.74	60.42	63.58	63.22	61.67	60.70	61.27	61.35	62.54
5	61.10	60.95	60.15	59.75	60.81	63.59	63.18	61.63	60.63	61.20	61.43	62.66
6	61.07	60.94	60.15	59.75	61.22	63.57	63.14	61.58	60.59	61.12	61.51	62.77
7	61.05	60.91	60.09	59.80	61.59	63.55	63.07	61.49	60.61	61.07	61.57	62.84
8	61.06	60.90	60.06	59.81	61.89	63.55	63.01	61.32	60.74	60.97	61.59	62.88
9	61.04	60.89	60.03	59.80	62.16	63.55	62.96	61.32	60.80	60.87	61.64	62.93
10	61.02	60.88	60.02	59.83	62.32	63.54	62.92	61.32	60.82	60.77	61.66	62.95
11	60.99	60.89	59.99	59.85	62.49	63.52	62.88	61.35	60.82	60.59	61.67	62.96
12	60.95	60.85	59.97	59.85	62.61	63.54	62.83	61.37	60.87	60.47	61.66	62.97
13	60.89	60.81	59.94	59.87	---	63.50	62.80	61.35	60.88	60.40	61.63	62.96
14	60.82	60.77	59.90	59.90	---	63.50	62.79	61.33	60.87	60.33	61.58	62.95
15	60.78	60.74	59.86	59.89	62.67	63.46	62.79	61.31	60.90	60.29	61.51	62.95
16	60.75	60.72	59.84	59.90	62.75	63.46	62.76	61.30	61.10	60.29	61.47	62.93
17	60.74	60.68	59.83	59.96	62.83	63.52	62.68	61.30	61.25	60.28	61.42	62.91
18	60.78	60.65	59.80	59.96	62.90	63.49	62.59	61.24	61.43	60.21	61.39	62.87
19	60.76	60.62	59.79	59.98	62.99	63.46	62.57	61.16	61.58	60.15	61.36	62.83
20	60.73	60.56	59.75	59.95	63.10	63.47	62.50	61.11	61.69	60.09	61.28	62.80
21	60.70	60.52	59.71	59.89	63.16	63.48	62.44	61.05	61.77	60.02	61.18	62.76
22	60.71	60.49	59.70	59.86	63.23	63.51	62.36	60.97	61.82	59.93	61.09	62.72
23	60.78	60.47	59.68	59.88	63.31	63.51	62.29	60.96	61.84	59.87	61.02	62.66
24	60.81	60.42	59.67	59.85	63.37	63.49	62.24	60.93	61.85	59.84	61.01	62.59
25	60.85	60.34	59.65	59.83	63.42	63.47	62.17	60.89	61.83	60.06	61.04	62.50
26	60.88	60.29	59.60	59.84	63.47	63.42	62.13	60.85	61.78	60.19	61.05	62.45
27	60.90	60.27	59.60	59.81	63.52	63.42	62.09	60.83	61.71	60.30	61.09	62.40
28	60.92	60.29	59.59	59.83	63.54	63.42	62.06	60.78	61.67	60.39	61.09	62.31
29	60.94	60.28	59.59	59.85	---	63.40	62.02	60.71	61.62	60.54	61.13	62.26
30	60.96	60.25	59.59	59.86	---	63.38	61.94	60.73	61.58	60.66	61.25	62.21
31	60.94	---	59.57	59.87	---	63.38	---	60.81	---	60.85	61.54	---
MEAN	60.92	60.67	59.87	59.83	---	63.50	62.68	61.23	61.20	60.56	61.34	62.66
MAX	61.13	60.95	60.22	59.98	---	63.60	63.36	61.88	61.85	61.52	61.67	62.97
MIN	60.70	60.25	59.57	59.57	---	63.38	61.94	60.71	60.59	59.84	61.00	61.84

CAL YR 1984 MEAN 63.36 MAX 66.33 MIN 59.57

HYDROGRAPH



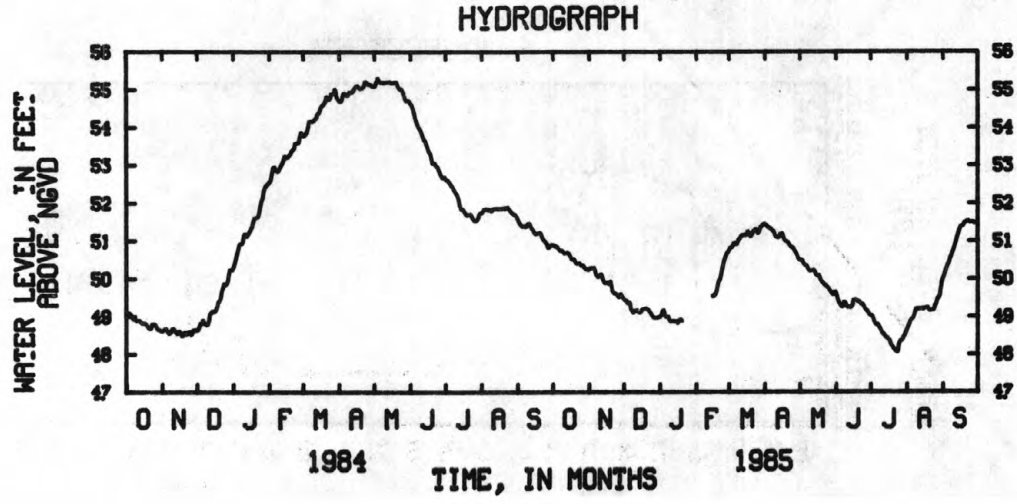
BERKELEY COUNTY

332320079550001. Local number, BRK-75, Cooper River Rediversion No. 10.
LOCATION.--Lat 33°23'20", long 79°55'00", Hydrologic Unit 03050112, in intersection of State Hwys. 40 and 351 south of St. Stephens.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 140 ft, cased to 120 ft, open hole from 120 to 140 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 80.74 ft above National Geodetic Vertical Datum of 1929, 3.43 ft above land surface.
REMARKS.--1973 Gamma log available in District files. 1973 Water-quality data available.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 56.42 ft NGVD, Jan. 28, 1977; lowest, 47.13 ft NGVD, Dec. 22, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50.90	50.26	49.45	49.00	---	50.76	51.43	50.50	49.62	49.03	48.66	50.02
2	50.87	50.29	49.42	49.03	---	50.82	51.41	50.48	49.52	49.01	48.74	50.10
3	50.86	50.27	49.44	49.13	---	50.83	51.37	50.48	49.41	48.94	48.81	50.21
4	50.85	50.29	49.35	49.18	---	50.86	51.35	50.40	49.34	48.86	48.89	50.29
5	50.82	50.29	49.37	49.05	---	50.95	51.33	50.35	49.28	48.79	48.92	50.37
6	50.77	50.22	49.37	48.98	---	50.93	51.32	50.34	49.25	48.79	48.96	50.43
7	50.74	50.10	49.20	49.00	---	50.90	51.27	50.32	49.27	48.79	49.01	50.55
8	50.76	50.05	49.14	49.00	---	50.94	51.26	50.24	49.39	48.71	49.12	50.60
9	50.73	50.05	49.10	48.90	---	51.03	51.21	50.21	49.35	48.67	49.21	50.70
10	50.68	50.07	49.13	48.86	---	51.06	51.11	50.20	49.29	48.61	49.19	50.78
11	50.67	50.13	49.17	48.89	---	51.11	51.10	50.22	49.23	48.53	49.21	50.87
12	50.69	50.07	49.17	48.89	---	51.16	51.08	50.23	49.26	48.53	49.19	50.98
13	50.69	49.95	49.14	48.86	---	51.13	51.10	50.21	49.23	48.48	49.22	51.10
14	50.67	49.89	49.11	48.88	---	51.17	51.18	50.17	49.25	48.43	49.19	51.19
15	50.63	49.87	49.11	48.88	49.55	51.14	51.20	50.08	49.29	48.43	49.19	51.30
16	50.57	49.91	49.15	48.82	49.56	51.15	51.18	50.07	49.44	48.38	49.23	51.37
17	50.51	49.88	49.19	48.88	49.58	51.26	51.08	50.10	49.45	48.36	49.21	51.39
18	50.52	49.86	49.21	48.93	49.65	51.20	51.00	50.02	49.43	48.27	49.25	51.40
19	50.50	49.94	49.22	48.91	49.80	51.12	50.98	49.94	49.41	48.21	49.22	51.45
20	50.45	49.83	49.22	48.87	49.93	51.12	50.96	49.90	49.40	48.17	49.16	51.49
21	50.40	49.66	49.18	---	49.98	51.20	50.94	49.87	49.39	48.11	49.15	51.50
22	50.40	49.62	49.18	---	50.10	51.27	50.88	49.82	49.34	48.08	49.18	51.54
23	50.42	49.62	49.12	---	50.26	51.28	50.84	49.83	49.33	48.07	49.17	51.52
24	50.38	49.60	49.09	---	50.40	51.32	50.82	49.78	49.31	48.05	49.18	51.49
25	50.35	49.56	49.03	---	50.50	51.23	50.81	49.75	49.26	48.28	49.28	51.49
26	50.36	49.51	48.98	---	50.59	51.19	50.75	49.72	49.20	48.33	49.34	51.51
27	50.34	49.52	48.96	---	50.68	51.28	50.70	49.66	49.15	48.37	49.45	51.50
28	50.27	49.60	48.96	---	50.69	51.37	50.65	49.63	49.14	48.38	49.50	51.46
29	50.26	49.56	48.97	---	---	51.38	50.56	49.57	49.07	48.46	49.55	51.48
30	50.25	49.50	48.96	---	---	51.42	50.50	49.58	49.02	48.50	49.73	51.49
31	50.23	---	48.99	---	---	51.46	---	49.66	---	48.60	49.95	---
MEAN	50.57	49.90	49.16	---	---	51.13	51.05	50.04	49.31	48.49	49.20	51.05
MAX	50.90	50.29	49.45	---	---	51.46	51.43	50.50	49.62	49.03	49.95	51.54
MIN	50.23	49.50	48.96	---	---	50.76	50.50	49.57	49.02	48.05	48.66	50.02

CAL YR 1984 MEAN 52.27 MAX 55.31 MIN 48.96



BERKELEY COUNTY

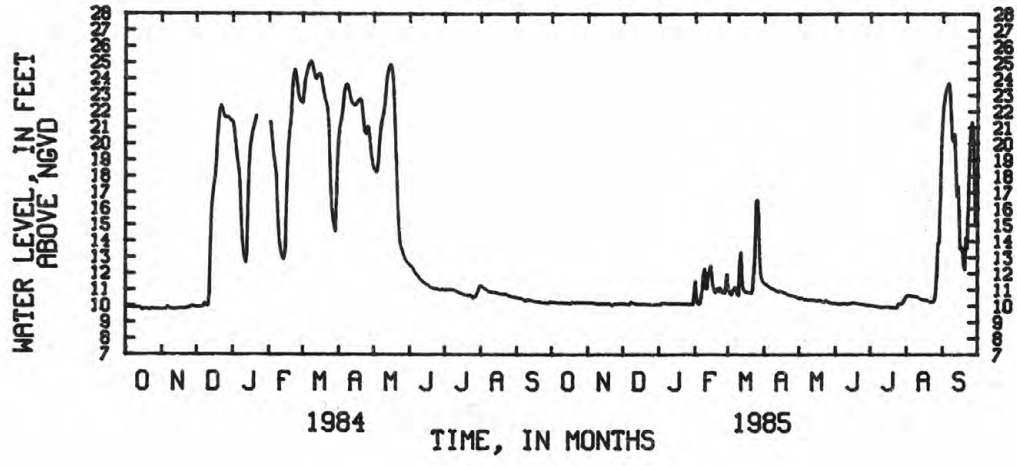
332350079511001. Local number, BRK-78, Cooper River Rediversion No. 18.
LOCATION.--Lat 33°23'50", long 79°51'10", Hydrologic Unit 03050112, 4.0 mi east of St. Stephens on State Road 45 near intersection with State Road 310, and 300 ft from Santee River bank.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 86 ft, cased to 56 ft, open hole from 56 to 86 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Measuring point: Top of casing, 33.73 ft above National Geodetic Vertical Datum of 1929, 2.86 ft above land surface.
REMARKS.--Water-level affected by stage from Santee River.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 27.84 ft NGVD, Apr. 4, 1980; lowest, 6.13 ft NGVD, Dec. 10, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.25	10.19	10.13	10.08	11.56	11.14	11.39	10.48	10.17	10.04	10.61	21.79
2	10.22	10.21	10.13	10.08	10.45	10.87	11.34	10.47	10.15	10.04	10.67	22.64
3	10.22	10.19	10.14	10.16	10.15	10.72	11.31	10.49	10.13	10.02	10.67	23.10
4	10.22	10.21	10.09	10.21	10.10	10.71	11.23	10.45	10.12	10.01	10.65	23.38
5	10.21	10.21	10.09	10.16	10.17	10.98	11.19	10.41	10.11	9.98	10.63	23.60
6	10.19	10.18	10.09	10.17	10.54	11.05	11.13	10.39	10.13	9.96	10.60	23.77
7	10.19	10.15	10.14	10.18	11.02	11.20	11.09	10.38	10.15	9.97	10.61	23.23
8	10.20	10.16	10.27	10.16	11.99	10.94	11.06	10.36	10.19	9.97	10.60	21.68
9	10.20	10.11	10.20	10.12	12.31	10.70	11.02	10.36	10.16	9.95	10.58	20.28
10	10.19	10.11	10.18	10.14	11.07	10.63	10.97	10.37	10.14	9.94	10.58	20.12
11	10.19	10.17	10.17	10.16	11.10	12.68	10.93	10.38	10.11	9.92	10.53	20.64
12	10.18	10.16	10.12	10.14	12.08	13.35	10.90	10.37	10.15	9.94	10.48	18.71
13	10.19	10.14	10.10	10.14	11.95	11.58	10.89	10.36	10.19	9.95	10.44	16.75
14	10.18	10.11	10.09	10.17	12.52	11.06	10.92	10.34	10.19	9.94	10.42	17.42
15	10.17	10.13	10.10	10.14	12.02	10.90	10.93	10.31	10.15	9.96	10.40	15.89
16	10.15	10.15	10.10	10.12	11.27	10.85	10.90	10.32	10.22	9.96	10.38	13.48
17	10.15	10.12	10.10	10.18	10.97	10.89	10.84	10.34	10.21	9.95	10.37	13.66
18	10.23	10.14	10.10	10.17	10.83	10.84	10.80	10.31	10.19	9.93	10.37	13.55
19	10.23	10.16	10.11	10.15	11.05	10.80	10.79	10.36	10.17	9.91	10.35	12.40
20	10.20	10.08	10.10	10.14	11.09	10.80	10.75	10.29	10.17	9.91	10.29	12.24
21	10.19	10.03	10.11	10.10	10.90	10.78	10.70	10.26	10.14	9.90	10.27	14.28
22	10.21	10.05	10.10	10.13	11.16	11.06	10.68	10.23	10.11	9.90	10.26	13.56
23	10.23	10.12	10.08	10.13	11.00	12.11	10.65	10.30	10.10	9.89	10.25	16.44
24	10.21	10.13	10.09	10.14	10.84	13.11	10.64	10.35	10.09	9.90	10.29	19.22
25	10.20	10.12	10.08	10.14	10.81	16.51	10.64	10.27	10.08	10.13	10.35	21.01
26	10.21	10.12	10.06	10.08	10.79	16.57	10.60	10.23	10.08	10.17	10.72	21.37
27	10.21	10.13	10.07	10.11	11.13	15.71	10.56	10.19	10.06	10.16	11.95	20.87
28	10.21	10.17	10.08	10.14	12.00	13.22	10.56	10.18	10.04	10.16	13.93	18.18
29	10.21	10.15	10.09	10.09	---	11.96	10.53	10.16	10.04	10.23	13.88	14.94
30	10.20	10.15	10.08	10.09	---	11.60	10.47	10.17	10.05	10.39	16.76	15.13
31	10.19	---	10.08	10.53	---	11.46	---	10.19	---	10.52	20.21	---
MEAN	10.20	10.14	10.11	10.15	11.17	11.83	10.88	10.32	10.13	10.02	11.26	18.44
MAX	10.25	10.21	10.27	10.53	12.52	16.57	11.39	10.49	10.22	10.52	20.21	23.77
MIN	10.15	10.03	10.06	10.08	10.10	10.63	10.47	10.16	10.04	9.89	10.25	12.24

WTR YR 1985 MEAN 11.21 MAX 23.77 MIN 9.89

HYDROGRAPH

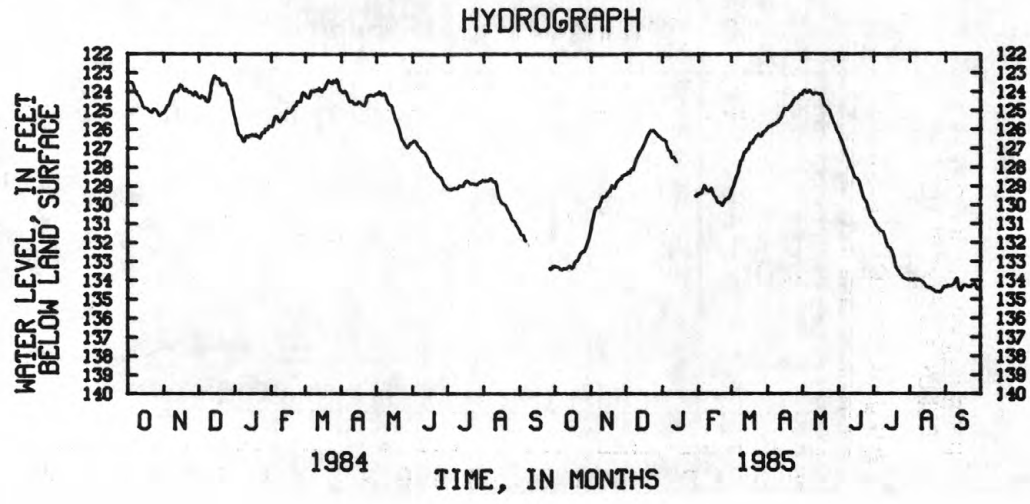


BERKELEY COUNTY

330218080080700. Local number, BRK-91.
LOCATION.--Lat 33°02'18", long 80°08'07", Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Hwy. 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.
Owner: Berkeley-Sangaree Public Service District.
AQUIFER.--Paleocene-Eocene limestone and sand.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 434 ft, cased to 75 ft, open hole from 75 to 434 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--June 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 85.47 ft below land-surface datum, June 16, 1978; lowest, 134.63 ft below land-surface datum, Aug. 26-27, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	133.22	131.24	128.36	126.51	129.45	129.28	125.89	124.04	126.22	130.81	133.96	134.36
2	133.29	130.83	128.33	126.55	129.33	129.08	125.84	123.95	126.39	130.95	133.93	134.35
3	133.30	130.59	128.23	126.56	129.37	128.97	125.82	123.91	126.51	131.10	134.00	134.28
4	133.31	130.31	128.30	126.63	129.30	128.73	125.81	124.03	126.67	131.18	133.98	134.29
5	133.36	130.14	128.16	126.90	129.11	128.48	125.75	124.04	126.86	131.24	133.95	134.31
6	133.43	130.10	128.03	127.09	128.94	128.38	125.72	123.98	127.08	131.33	133.94	134.29
7	133.44	130.12	128.13	127.11	129.07	128.21	125.70	123.92	127.26	131.39	133.99	134.25
8	133.39	130.04	127.90	127.22	129.21	127.87	125.64	124.00	127.37	131.42	133.99	134.21
9	133.36	129.87	127.71	127.48	129.25	127.63	125.61	124.08	127.53	131.45	133.95	134.10
10	133.39	129.72	127.51	127.48	129.28	127.57	125.59	124.14	127.74	131.58	133.99	133.96
11	133.37	129.55	127.38	127.46	129.18	127.40	125.46	124.09	127.92	131.84	134.03	133.87
12	133.34	129.55	127.25	127.61	129.08	127.19	125.43	124.06	128.05	132.03	134.06	134.33
13	133.27	129.52	127.12	127.71	129.32	127.18	125.29	124.06	128.22	132.20	134.13	134.50
14	133.24	129.50	127.05	---	129.50	127.03	125.09	124.08	128.42	132.27	134.19	134.55
15	133.37	129.38	126.93	---	129.54	127.05	124.94	124.13	128.55	132.29	134.31	134.44
16	133.33	129.28	126.81	---	129.66	126.90	124.86	124.12	128.58	132.38	134.37	134.31
17	133.27	129.27	126.68	---	129.81	126.69	124.93	124.09	128.63	132.51	134.40	134.25
18	133.08	129.10	126.52	---	129.90	126.71	124.94	124.28	128.70	132.71	134.40	134.26
19	132.96	128.94	126.35	---	129.85	126.69	124.82	124.55	128.86	133.03	134.42	134.27
20	132.95	129.09	126.22	---	129.88	126.54	124.78	124.73	129.10	133.30	134.46	134.35
21	132.88	129.10	126.13	---	130.03	126.45	124.72	124.78	129.33	133.42	134.51	134.36
22	132.72	128.95	126.03	---	129.93	126.35	124.60	124.87	129.57	133.49	134.53	134.33
23	132.56	128.78	126.08	---	129.81	126.31	124.49	124.93	129.70	133.58	134.61	134.32
24	132.50	128.69	126.02	---	129.69	126.22	124.38	124.99	129.79	133.71	134.62	134.23
25	132.46	128.65	126.06	---	129.68	126.31	124.33	125.17	129.89	133.74	134.61	134.24
26	132.42	128.61	126.17	---	129.66	126.35	124.34	125.36	130.15	133.86	134.63	134.17
27	132.33	128.59	126.22	---	129.56	126.28	124.28	125.51	130.34	133.89	134.63	134.29
28	132.19	128.43	126.30	---	129.49	126.12	124.19	125.66	130.58	133.91	134.62	134.47
29	131.98	128.42	126.36	---	---	126.08	124.13	125.80	130.68	133.95	134.53	134.47
30	131.80	128.37	126.40	129.50	---	126.04	124.14	126.01	130.73	133.98	134.42	134.39
31	131.55	---	126.47	129.39	---	125.97	---	126.13	---	133.99	134.32	---
MEAN	132.94	129.42	127.01	---	129.50	127.16	125.05	124.56	128.51	132.53	134.27	134.29
MAX	133.44	131.24	128.36	---	130.03	129.28	125.89	126.13	130.73	133.99	134.63	134.55
MIN	131.55	128.37	126.02	---	128.94	125.97	124.13	123.91	126.22	130.81	133.93	133.87



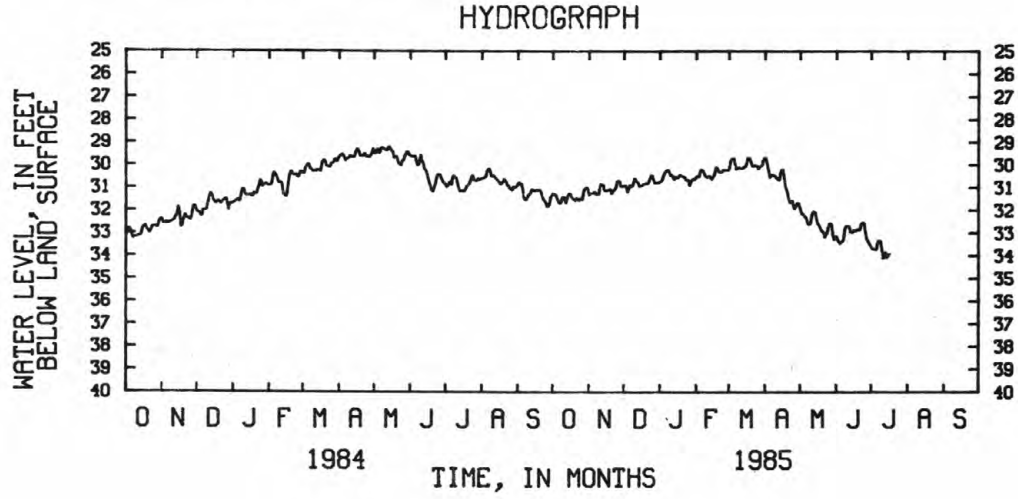
CALHOUN COUNTY

333323080430400. Local number, CA-2.
LOCATION.--Lat 33°33'23", long 80°43'04", Hydrologic Unit 03050206, behind the water tower in the red brick building on North Main Street between First and Cemetery Streets in Cameron.
Owner: Town of Cameron.
AQUIFER.--Black Mingo Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 285 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 168 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.03 ft above landsurface datum.
REMARKS.--Caliper logged May 15, 1981 to 267 ft. Gamma logged to 265 ft.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 28.28 ft below land-surface datum, Apr. 25, 1983; lowest, 34.13 ft below land-surface datum, July 11, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.26	31.33	30.96	30.73	30.52	30.21	29.67	31.94	33.14	33.63		
2	31.32	31.26	30.89	30.73	30.49	29.88	29.80	32.14	33.28	33.70		
3	31.30	31.27	30.97	30.62	30.56	29.75	30.04	32.15	33.38	33.72		
4	31.40	31.25	31.21	30.46	30.36	29.73	30.30	32.23	33.47	33.71		
5	31.56	31.20	31.03	30.35	30.20	29.69	30.57	32.27	33.40	33.75		
6	31.65	31.20	30.87	30.28	30.24	29.93	30.48	32.32	33.37	33.51		
7	31.71	31.31	30.95	30.23	30.30	30.20	30.44	32.46	33.31	33.34		
8	31.62	31.26	30.95	30.21	30.43	30.17	30.48	32.61	32.88	33.34		
9	31.43	31.32	30.76	30.36	30.52	30.12	30.49	32.62	32.70	33.35		
10	31.39	31.07	30.59	30.48	30.56	30.13	30.56	32.54	32.68	33.69		
11	31.52	30.84	30.64	30.44	30.54	30.16	30.60	32.21	32.67	34.13		
12	31.68	30.88	30.76	30.56	30.48	30.16	30.67	32.06	32.71	33.97		
13	31.46	30.89	30.79	30.65	30.57	30.15	30.68	32.04	32.95	33.83		
14	31.32	31.12	30.95	30.52	30.65	30.07	30.36	32.10	32.97	34.10		
15	31.26	31.16	30.90	30.57	30.52	30.10	30.21	32.38	32.96	34.01		
16	31.29	31.11	30.93	30.59	30.50	29.92	30.19	32.57	32.86	33.92		
17	31.44	31.13	30.86	30.49	30.26	29.68	30.49	32.64	32.88	33.92		
18	31.51	31.09	30.84	30.45	30.10	29.69	30.90	32.74	32.90	---		
19	31.52	31.06	30.84	30.48	30.17	29.75	31.08	32.86	32.83	---		
20	31.59	31.26	30.80	30.52	30.31	29.91	31.23	32.92	32.85	---		
21	31.46	31.19	30.84	30.54	30.34	30.06	31.50	32.97	32.88	---		
22	31.51	31.10	30.77	30.54	30.34	30.06	31.66	33.18	32.64	---		
23	31.58	31.10	30.63	30.69	30.31	30.01	31.61	33.05	32.54	---		
24	31.49	30.96	30.49	30.66	30.21	30.05	31.57	32.99	32.53	---		
25	31.50	30.71	30.45	30.68	30.24	30.05	31.76	32.75	32.60	---		
26	31.56	30.70	30.63	30.94	30.25	30.19	31.93	32.59	32.97	---		
27	31.23	30.71	30.79	30.77	30.22	30.10	31.84	32.55	33.27	---		
28	31.06	30.95	30.79	30.65	30.25	30.04	31.69	32.65	33.34	---		
29	31.02	30.97	30.80	30.63	---	30.05	31.66	33.07	33.46	---		
30	30.99	30.92	30.77	30.67	---	29.83	31.73	33.29	33.53	---		
31	31.10	---	30.80	30.60	---	29.71	---	33.14	---	---		
MEAN	31.41	31.08	30.81	30.55	30.37	29.99	30.87	32.58	33.00	---		
MAX	31.71	31.33	31.21	30.94	30.65	30.21	31.93	33.29	33.53	---		
MIN	30.99	30.70	30.45	30.21	30.10	29.68	29.67	31.94	32.53	---		

CAL YR 1984 MEAN 30.63 MAX 31.83 MIN 29.20



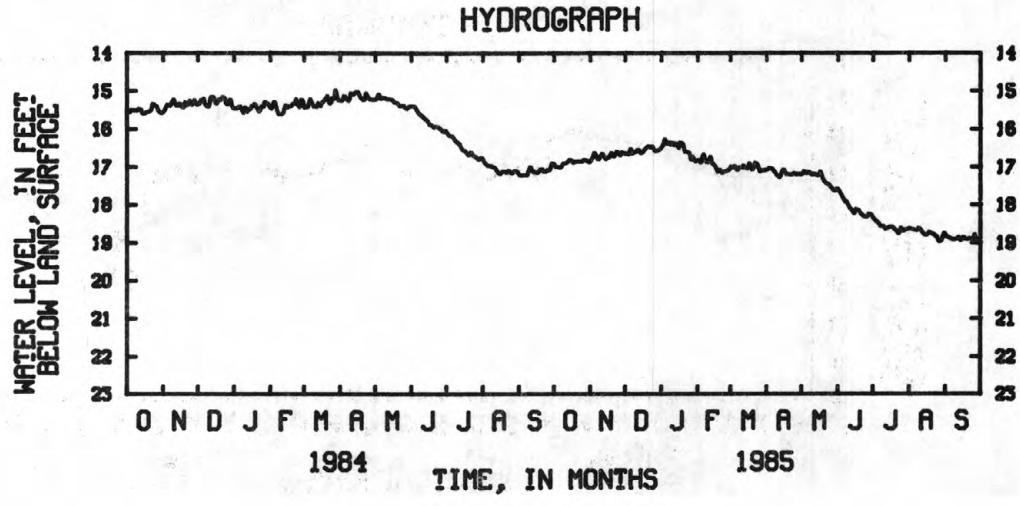
CHARLESTON COUNTY

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. Hwy. 17 at elevated water tank.
Owner: U.S. Department of Agriculture.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 9.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.
REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.
PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 19.02 ft below land-surface datum, Sept. 28, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.92	16.85	16.66	16.48	16.84	17.00	17.07	17.20	17.59	18.36	18.61	18.80
2	17.00	16.79	16.66	16.45	16.81	16.99	17.07	17.17	17.65	18.39	18.63	18.84
3	16.99	16.75	16.63	16.37	16.89	17.03	17.03	17.11	17.70	18.42	18.64	18.86
4	16.99	16.63	16.68	16.26	16.88	16.99	17.06	17.17	17.75	18.44	18.65	18.87
5	17.01	16.64	16.55	16.37	16.74	16.98	17.04	17.17	17.82	18.47	18.66	18.89
6	17.02	16.71	16.52	16.40	16.66	17.07	17.06	17.16	17.87	18.50	18.67	18.90
7	17.00	16.79	16.66	16.34	16.78	17.09	17.11	17.13	17.93	18.56	18.68	18.92
8	16.94	16.80	16.62	16.36	16.86	17.04	17.14	17.17	17.90	18.58	18.68	18.92
9	16.91	16.76	16.62	16.42	16.88	17.01	17.19	17.19	17.97	18.56	18.61	18.91
10	16.90	16.69	16.59	16.37	16.89	17.03	17.24	17.22	18.04	18.57	18.63	18.90
11	16.89	16.64	16.57	16.36	16.77	17.02	17.25	17.18	18.10	18.63	18.67	18.90
12	16.88	16.71	16.54	16.43	16.73	16.96	17.29	17.19	18.12	18.65	18.71	18.85
13	16.85	16.75	16.57	16.43	16.88	17.04	17.24	17.20	18.18	18.62	18.76	18.90
14	16.82	16.80	16.64	16.37	16.94	17.00	17.13	17.22	18.22	18.61	18.79	18.95
15	16.81	16.77	16.64	16.46	16.95	17.05	17.08	17.24	18.24	18.59	18.80	18.91
16	16.84	16.74	16.61	16.51	17.00	17.04	17.08	17.18	18.11	18.58	18.80	18.86
17	16.89	16.76	16.57	16.35	17.07	16.90	17.16	17.12	18.14	18.58	18.78	18.86
18	16.88	16.67	16.53	16.36	17.14	16.98	17.21	17.21	18.14	18.60	18.72	18.91
19	16.86	16.62	16.49	16.39	17.08	17.08	17.20	17.32	18.17	18.64	18.73	18.91
20	16.86	16.71	16.47	16.44	17.08	17.07	17.19	17.38	18.22	18.67	18.76	18.91
21	16.85	16.74	16.45	16.60	17.15	17.00	17.21	17.41	18.26	18.69	18.78	18.90
22	16.85	16.68	16.45	16.60	17.16	16.89	17.21	17.45	18.29	18.73	18.77	18.88
23	16.85	16.60	16.49	16.60	17.14	16.92	17.20	17.46	18.31	18.77	18.82	18.90
24	16.85	16.59	16.45	16.63	17.11	16.94	17.18	17.46	18.32	18.69	18.83	18.90
25	16.86	16.64	16.50	16.64	17.12	17.04	17.16	17.51	18.32	18.60	18.86	18.88
26	16.82	16.69	16.58	16.81	17.10	17.13	17.20	17.54	18.32	18.69	18.96	18.78
27	16.81	16.69	16.58	16.81	17.08	17.11	17.21	17.59	18.24	18.70	18.98	18.86
28	16.83	16.60	16.58	16.73	17.08	17.09	17.19	17.61	18.25	18.68	18.96	19.02
29	16.84	16.64	16.56	16.83	---	17.09	17.18	17.64	18.26	18.65	18.92	19.01
30	16.86	16.63	16.55	16.87	---	17.10	17.21	17.61	18.29	18.65	18.81	18.97
31	16.88	---	16.53	16.83	---	17.08	---	17.57	---	18.64	18.74	---
MEAN	16.89	16.70	16.57	16.51	16.96	17.02	17.16	17.32	18.09	18.60	18.76	18.90
MAX	17.02	16.85	16.68	16.87	17.16	17.13	17.29	17.64	18.32	18.77	18.98	19.02
MIN	16.81	16.59	16.45	16.26	16.66	16.89	17.03	17.11	17.59	18.36	18.61	18.78

CAL YR 1984 MEAN 16.10 MAX 17.23 MIN 14.96
WTR YR 1985 MEAN 17.46 MAX 19.02 MIN 16.26

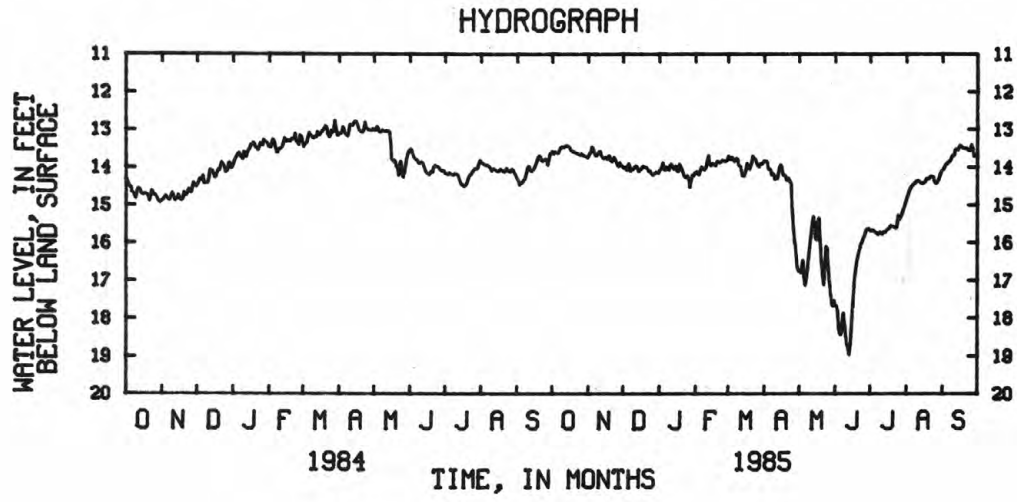


330247079340300. Local number, CHN-101.
LOCATION.--Lat 33°02'47", long 79°34'03", Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Hwy 913 and U.S. Hwy. 17 junction, 200 ft south of U.S. 17.
Owner: U.S. Forest Service.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.
PERIOD OF RECORD.--January 1982 to current year.
EXTREMES OF 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 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.57	13.71	14.01	14.08	14.14	13.71	13.83	16.71	17.68	15.69	14.84	14.07
2	13.65	13.62	14.03	14.05	14.11	13.72	13.86	16.80	17.67	15.68	14.75	14.03
3	13.59	13.60	14.00	13.99	14.19	13.80	13.83	16.73	17.82	15.68	14.64	13.96
4	13.61	13.45	14.08	13.88	14.19	13.74	14.03	16.46	18.31	15.67	14.57	13.92
5	13.63	13.50	13.93	14.07	14.06	13.76	14.07	16.91	18.44	15.72	14.51	13.88
6	13.63	13.61	13.90	14.08	13.99	13.85	14.04	17.14	18.44	15.73	14.47	13.86
7	13.56	13.70	14.11	13.99	14.03	13.81	14.20	16.94	18.12	15.78	14.43	13.84
8	13.48	13.68	14.06	14.03	14.07	13.76	14.15	16.70	17.86	15.78	14.42	13.80
9	13.46	13.64	14.06	14.08	14.04	13.79	14.19	16.36	18.19	15.72	14.37	13.72
10	13.46	13.59	14.01	13.94	13.98	13.96	14.32	16.10	18.49	15.73	14.37	13.68
11	13.47	13.57	13.99	13.91	13.82	13.96	14.23	15.81	18.71	15.78	14.35	13.69
12	13.44	13.69	13.96	13.97	13.69	14.03	14.30	15.51	18.81	15.72	14.37	13.53
13	13.44	13.74	14.00	14.05	13.94	14.23	14.17	15.30	18.97	15.71	14.40	13.53
14	13.44	13.78	14.11	14.01	13.96	14.24	13.99	15.46	18.68	15.71	14.43	13.55
15	13.45	13.75	14.08	13.96	13.91	14.20	13.93	15.91	18.24	15.67	14.42	13.47
16	13.49	13.74	14.05	14.11	13.91	14.09	14.03	15.94	17.68	15.65	14.41	13.42
17	13.56	13.79	14.00	14.10	13.94	13.89	14.21	15.42	17.17	15.63	14.39	13.44
18	13.59	13.71	13.97	13.91	13.96	13.98	14.23	15.34	16.82	15.57	14.31	13.49
19	13.58	13.69	13.99	13.97	13.86	14.05	14.22	16.01	16.60	15.55	14.29	13.50
20	13.61	13.83	14.01	14.04	13.84	13.98	14.35	16.55	16.41	15.58	14.29	13.51
21	13.63	13.86	14.01	14.14	13.88	13.87	14.31	16.87	16.28	15.58	14.26	13.51
22	13.64	13.81	14.06	14.24	13.87	13.70	14.29	17.13	16.16	15.60	14.24	13.52
23	13.64	13.73	14.12	14.28	13.85	13.76	14.39	16.66	16.04	15.62	14.24	13.56
24	13.67	13.79	14.09	14.27	13.82	13.78	14.42	16.09	15.98	15.53	14.24	13.57
25	13.68	13.88	14.16	14.22	13.84	13.87	15.14	16.13	15.88	15.27	14.37	13.53
26	13.64	13.96	14.21	14.30	13.84	13.95	15.64	16.69	15.82	15.39	14.43	13.41
27	13.67	13.98	14.18	14.54	13.84	13.99	15.97	17.07	15.70	15.33	14.41	13.52
28	13.70	13.87	14.16	14.32	13.83	13.92	16.21	17.38	15.64	15.24	14.36	13.73
29	13.71	13.96	14.13	14.21	---	13.91	16.63	17.65	15.62	15.14	14.30	13.70
30	13.73	13.95	14.14	14.23	---	13.91	16.75	17.69	15.62	15.07	14.18	13.66
31	13.75	---	14.15	14.15	---	13.86	---	17.52	---	14.95	14.10	---
MEAN	13.59	13.74	14.06	14.10	13.94	13.91	14.53	16.48	17.26	15.56	14.39	13.65
MAX	13.75	13.98	14.21	14.54	14.19	14.24	16.75	17.69	18.97	15.78	14.84	14.07
MIN	13.44	13.45	13.90	13.88	13.69	13.70	13.83	15.30	15.62	14.95	14.10	13.41

CAL YR 1984 MEAN 13.68 MAX 14.51 MIN 12.75
WTR YR 1985 MEAN 14.60 MAX 18.97 MIN 13.41

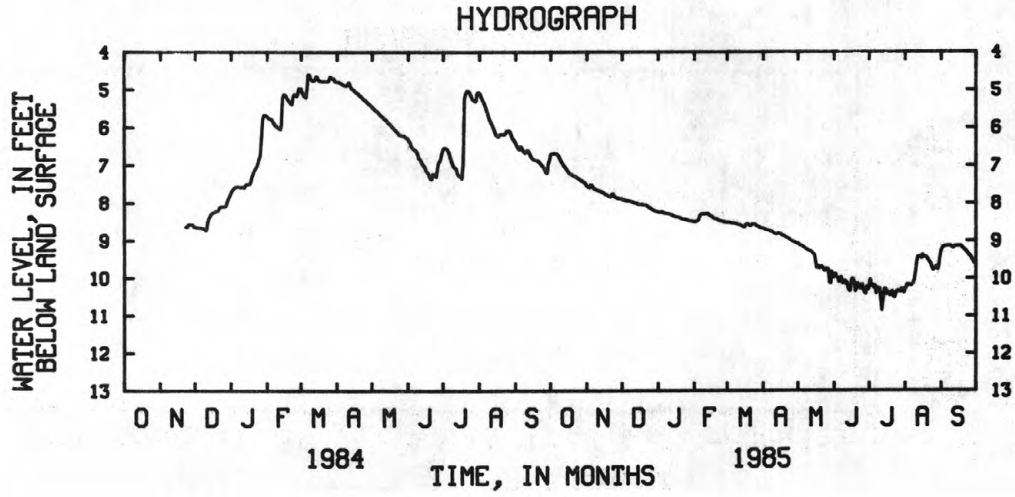


323031080185200. Local number, CHN-551.
LOCATION.--Lat 32°30'31", long 80°18'52", Hydrologic Unit 03050205, Edisto State Park, west of highway 174
Owner: Town of Edisto Beach
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 45 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below (revised) landsurface datum.
REMARKS.--1982 Gamma and Neutron logs available in District files.
PERIOD OF RECORD.--November 1983 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 4.59 ft below land-surface datum, Mar. 7, 1984; lowest, 10.78 ft below land-surface datum, July 12, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.70	7.56	7.91	8.24	8.50	8.52	8.68	9.08	9.96	10.26	10.31	9.26
2	6.69	7.58	7.92	8.25	8.49	8.51	8.70	9.11	9.87	10.02	10.23	9.19
3	6.68	7.60	7.92	8.25	8.48	8.52	8.71	9.12	9.96	10.21	10.15	9.15
4	6.68	7.52	7.94	8.23	8.47	8.53	8.72	9.14	9.98	10.16	10.19	9.14
5	6.68	7.53	7.95	8.25	8.42	8.53	8.73	9.15	10.11	10.26	10.16	9.14
6	6.70	7.58	7.94	8.27	8.32	8.54	8.73	9.18	10.06	10.19	10.20	9.13
7	6.73	7.62	7.95	8.27	8.29	8.54	8.75	9.21	9.96	10.41	10.16	9.13
8	6.77	7.64	7.96	8.28	8.28	8.54	8.76	9.22	10.14	10.24	10.14	9.13
9	6.84	7.66	7.97	8.28	8.29	8.56	8.78	9.24	10.14	10.27	10.04	9.14
10	6.90	7.67	7.98	8.29	8.29	8.57	8.80	9.27	10.05	10.27	9.82	9.16
11	6.95	7.68	8.00	8.30	8.29	8.58	8.82	9.27	10.16	10.55	9.57	9.20
12	7.01	7.69	8.00	8.31	8.27	8.59	8.83	9.29	10.10	10.87	9.42	9.16
13	7.05	7.70	8.00	8.33	8.30	8.60	8.83	9.31	10.28	10.55	9.41	9.14
14	7.09	7.72	8.03	8.34	8.33	8.62	8.80	9.35	10.35	10.31	9.42	9.13
15	7.13	7.73	8.04	8.36	8.34	8.64	8.81	9.36	10.33	10.27	9.47	9.13
16	7.18	7.76	8.04	8.37	8.37	8.64	8.82	9.53	10.03	10.44	9.37	9.13
17	7.22	7.78	8.04	8.37	8.39	8.57	8.86	9.73	10.00	10.36	9.43	9.13
18	7.24	7.80	8.05	8.37	8.42	8.55	8.87	9.66	10.10	10.40	9.42	9.15
19	7.26	7.81	8.05	8.39	8.42	8.57	8.88	9.74	10.36	10.47	9.43	9.18
20	7.28	7.83	8.06	8.40	8.43	8.60	8.91	9.73	10.31	10.41	9.48	9.21
21	7.29	7.84	8.06	8.42	8.45	8.61	8.92	9.68	10.13	10.34	9.52	9.24
22	7.30	7.77	8.07	8.43	8.47	8.57	8.93	9.71	10.20	10.50	9.58	9.27
23	7.33	7.75	8.10	8.43	8.47	8.56	8.95	9.77	10.29	10.52	9.61	9.31
24	7.35	7.81	8.12	8.44	8.48	8.56	8.98	9.82	10.23	10.40	9.72	9.34
25	7.36	7.85	8.14	8.44	8.49	8.57	8.99	9.74	10.15	10.34	9.79	9.39
26	7.39	7.86	8.16	8.46	8.50	8.61	9.02	9.74	10.32	10.32	9.74	9.41
27	7.41	7.88	8.18	8.47	8.51	8.62	9.03	9.77	10.39	10.36	9.72	9.46
28	7.43	7.89	8.20	8.47	8.52	8.63	9.05	10.12	10.43	10.37	9.67	9.52
29	7.46	7.88	8.21	8.48	---	8.66	9.06	10.15	10.21	10.28	9.77	9.58
30	7.46	7.89	8.22	8.48	---	8.67	9.07	9.82	10.31	10.27	9.68	9.63
31	7.51	---	8.23	8.49	---	8.68	---	9.99	---	10.39	9.44	---
MEAN	7.10	7.73	8.05	8.36	8.40	8.58	8.86	9.52	10.16	10.36	9.74	9.24
MAX	7.51	7.89	8.23	8.49	8.52	8.68	9.07	10.15	10.43	10.87	10.31	9.63
MIN	6.68	7.52	7.91	8.23	8.27	8.51	8.68	9.08	9.87	10.02	9.37	9.13

CAL YR 1984 MEAN 6.43 MAX 8.23 MIN 4.59
WTR YR 1985 MEAN 8.84 MAX 10.87 MIN 6.68



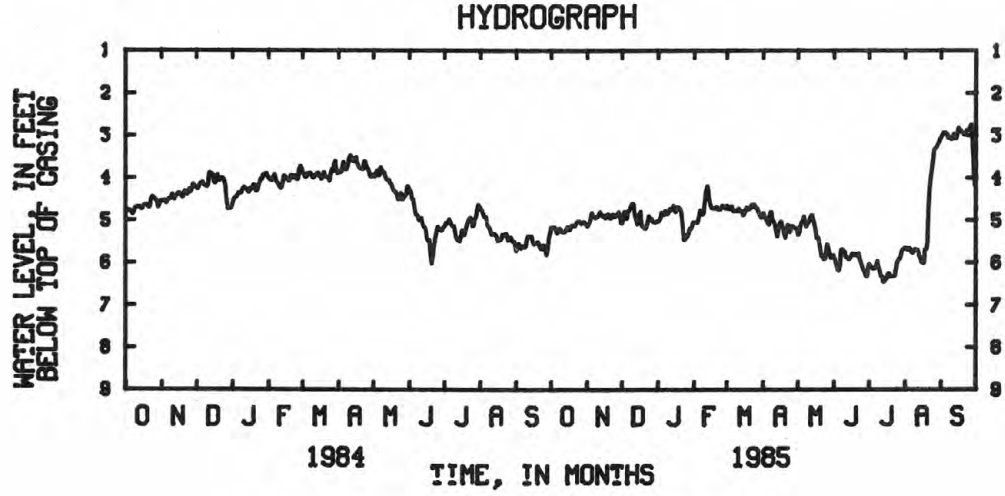
CLARENDON COUNTY

334153080121600. Local number, CLA-3.
LOCATION.--Lat 33°01'53", long 80°12'16", Hydrologic Unit 03040205, 192 ft north of Dinkins Street, at the water department and near the reservoir in Manning.
Owner: Town of Manning.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 600 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 100 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.0 ft above land-surface datum.
REMARKS.--Artesian well that flows at times. Geophysical logs available in District files. Water-quality data available in District files.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 1.21 ft below measuring point, July 11, 1982; lowest, 6.46 ft below measuring point, July 13, 1985.

WATER LEVEL, IN FEET BELOW TOP OF CASING, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.16	5.15	5.08	5.03	5.04	4.65	4.83	5.36	5.91	6.03	5.64	3.04
2	5.17	5.09	4.95	4.99	5.04	4.71	4.93	5.30	5.95	6.09	5.67	2.98
3	5.16	5.05	4.79	4.94	5.07	4.74	4.93	5.13	6.06	6.12	5.71	2.93
4	5.17	4.95	4.84	4.81	5.03	4.69	5.01	5.05	6.18	6.15	5.65	2.93
5	5.24	4.82	4.97	4.85	4.92	4.66	5.08	5.01	6.20	6.14	5.68	2.96
6	5.31	4.90	4.77	4.88	4.76	4.78	5.11	4.91	6.07	6.13	5.74	2.97
7	5.26	4.93	4.78	4.77	4.83	4.79	4.81	5.04	5.70	6.07	5.78	3.06
8	5.19	4.95	4.71	4.83	4.87	4.77	4.80	5.15	5.68	5.96	5.74	3.05
9	5.22	4.91	4.63	4.86	4.83	4.76	5.01	5.07	5.77	6.12	5.69	3.04
10	5.28	4.92	4.60	4.79	4.58	4.79	5.05	5.05	5.74	6.20	5.68	3.10
11	5.27	4.86	4.63	4.72	4.34	4.72	5.12	4.97	5.87	6.33	5.72	3.06
12	5.28	4.80	4.89	4.76	4.19	4.78	5.27	4.90	5.88	6.33	5.72	2.96
13	5.26	4.87	4.98	4.74	4.28	4.78	5.39	4.87	5.93	6.46	5.86	3.02
14	5.20	4.90	5.10	4.65	4.54	4.78	5.20	5.00	5.92	6.45	5.90	3.08
15	5.15	4.92	5.06	4.75	4.66	4.89	5.08	5.09	5.87	6.36	6.00	2.96
16	5.21	4.88	4.85	4.81	4.72	4.84	5.02	5.22	5.81	6.38	6.01	2.82
17	5.23	4.95	4.79	4.68	4.72	4.74	5.10	5.43	5.79	6.27	6.02	2.87
18	5.14	4.89	5.13	4.69	4.72	4.69	5.19	5.40	5.84	6.25	5.68	2.91
19	5.11	4.84	5.16	4.72	4.71	4.76	5.34	5.48	5.81	6.33	5.70	2.94
20	5.14	4.94	5.17	4.74	4.67	4.71	5.42	5.68	5.80	6.32	5.54	2.97
21	5.14	4.96	5.21	4.84	4.74	4.73	5.18	5.86	5.86	6.32	4.73	2.99
22	5.10	4.92	5.15	5.11	4.75	4.63	5.10	5.82	5.78	6.32	4.21	2.94
23	5.05	4.85	5.04	5.47	4.75	4.68	5.27	5.93	5.94	6.30	3.97	2.87
24	5.02	4.92	4.90	5.45	4.72	4.62	5.29	5.92	6.01	6.16	3.76	2.88
25	5.02	4.92	4.97	5.34	4.64	4.67	5.13	5.79	6.09	5.98	3.54	2.89
26	5.05	4.87	4.95	5.39	4.68	4.71	5.13	5.56	6.18	5.93	3.32	2.78
27	5.09	4.86	5.02	5.31	4.68	4.73	5.18	5.65	6.20	5.91	3.30	2.74
28	5.05	4.80	5.04	5.19	4.73	4.81	5.19	5.79	6.32	5.85	3.27	3.11
29	5.03	4.90	5.06	5.20	---	4.88	5.18	5.90	6.34	5.72	3.20	3.82
30	5.08	5.07	5.04	5.16	---	4.94	5.20	5.85	6.13	5.68	3.17	4.20
31	5.10	---	5.02	5.04	---	4.93	---	5.82	---	5.66	3.08	---
MEAN	5.16	4.92	4.94	4.95	4.72	4.75	5.12	5.39	5.95	6.14	4.99	3.03
MAX	5.31	5.15	5.21	5.47	5.07	4.94	5.42	5.93	6.34	6.46	6.02	4.20
MIN	5.02	4.80	4.60	4.65	4.19	4.62	4.80	4.87	5.68	5.66	3.08	2.74

CAL YR 1984 MEAN 4.68 MAX 6.03 MIN 3.47
WTR YR 1985 MEAN 5.01 MAX 6.46 MIN 2.74

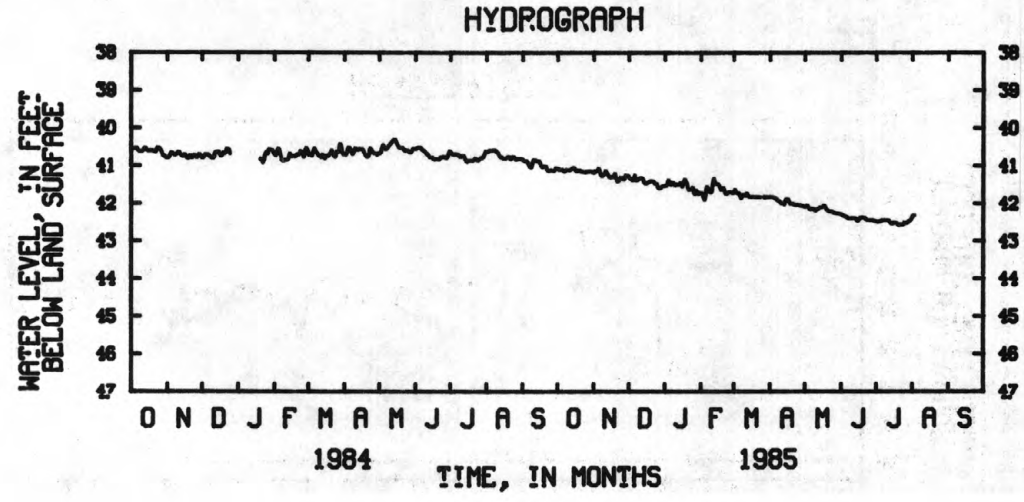


COLLETON COUNTY

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 Hwy. 61 and State Road 45.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 500 ft, cased to 104 ft, open hole from 104 to 500 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of platform, 2.10 ft above land-surface datum.
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.
PERIOD OF RECORD.--August 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.79 below land-surface datum, May 14, 1978; lowest 42.59 ft below land-surface datum, July 20, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.07	41.19	41.30	41.53	41.71	41.71	41.82	42.09	42.29	42.49	42.35	
2	41.11	41.15	41.35	41.52	41.72	41.63	41.82	42.08	42.32	42.50	42.33	
3	41.10	41.15	41.34	41.49	41.83	41.71	41.82	42.05	42.33	42.49	42.31	
4	41.09	41.11	41.39	41.38	41.91	41.72	41.84	42.12	42.34	42.48	---	
5	41.11	41.07	41.35	41.44	41.77	41.71	41.86	42.16	42.35	42.48	---	
6	41.14	41.13	41.25	41.51	41.55	41.79	41.88	42.16	42.40	42.45	---	
7	41.15	41.25	41.39	41.47	41.61	41.87	41.91	42.14	42.40	42.45	---	
8	41.12	41.28	41.38	41.44	41.68	41.81	41.93	42.14	42.40	42.45	---	
9	41.10	41.25	41.36	41.51	41.70	41.76	41.94	42.18	42.40	42.45	---	
10	41.11	41.21	41.34	41.51	41.69	41.79	41.99	42.21	42.40	42.45	---	
11	41.12	41.14	41.32	41.49	41.50	41.79	42.00	42.16	42.40	42.45	---	
12	41.10	41.18	41.33	41.49	41.34	41.72	42.01	42.15	42.40	42.48	---	
13	41.08	41.24	41.35	41.50	41.45	41.79	42.04	42.13	42.40	42.53	---	
14	41.06	41.30	41.45	41.45	41.49	41.82	41.92	42.10	42.45	42.55	---	
15	41.05	41.32	41.47	41.46	41.48	41.82	41.89	42.11	42.48	42.54	---	
16	41.11	41.28	41.47	41.56	41.51	41.82	41.88	42.10	42.44	42.52	---	
17	41.15	41.31	41.45	41.43	41.58	41.82	41.93	42.06	42.39	42.52	---	
18	41.13	41.28	41.43	41.36	41.64	41.82	42.01	42.07	42.39	42.52	---	
19	41.11	41.20	41.41	41.42	41.60	41.83	42.02	42.14	42.38	42.55	---	
20	41.13	41.32	41.40	41.47	41.58	41.83	42.00	42.19	42.38	42.59	---	
21	41.16	41.42	41.41	41.63	41.67	41.83	42.03	42.21	42.39	42.58	---	
22	41.15	41.41	41.41	41.63	41.75	41.83	42.04	42.22	42.43	42.56	---	
23	41.16	41.35	41.47	41.63	41.74	41.83	42.04	42.22	42.45	42.57	---	
24	41.17	41.31	41.47	41.61	41.71	41.83	42.04	42.22	42.45	42.58	---	
25	41.17	41.32	41.48	41.57	41.70	---	42.04	42.24	42.45	42.51	---	
26	41.16	41.35	41.58	41.73	41.69	---	42.04	42.26	42.45	42.53	---	
27	41.15	41.36	41.60	41.76	41.69	41.83	42.06	42.27	42.44	42.53	---	
28	41.15	41.26	41.59	41.66	41.72	41.83	42.07	42.27	42.45	42.51	---	
29	41.15	41.25	41.57	41.70	---	41.83	42.06	42.27	42.48	42.48	---	
30	41.15	41.26	41.54	41.76	---	41.83	42.09	42.28	42.47	42.46	---	
31	41.17	---	41.53	41.71	---	41.83	---	42.29	---	42.43	---	
MEAN	41.13	41.25	41.43	41.54	41.64	---	41.97	42.17	42.41	42.51	---	
MAX	41.17	41.42	41.60	41.76	41.91	---	42.09	42.29	42.48	42.59	---	
MIN	41.05	41.07	41.25	41.36	41.34	---	41.82	42.05	42.29	42.43	---	



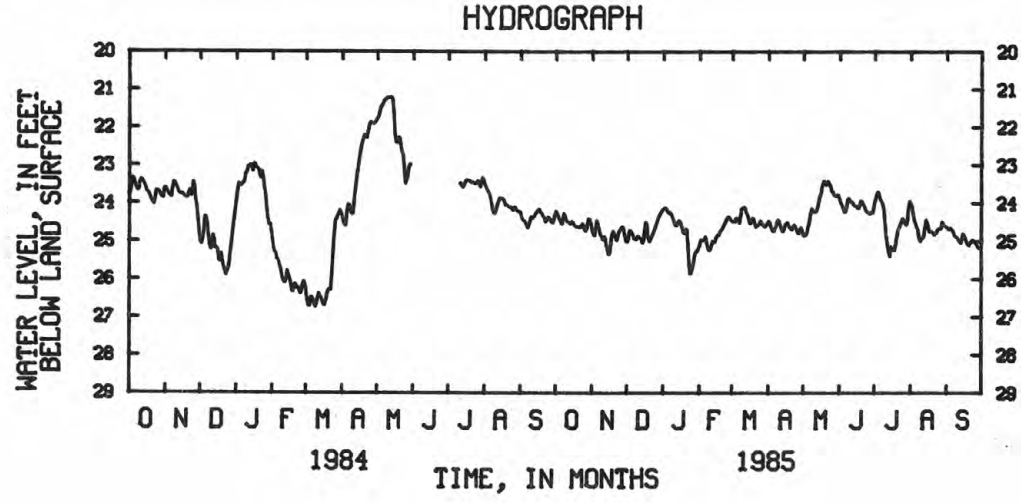
DILLON COUNTY

342042079100600. Local number, DIL-79.
LOCATION.--Lat 34°20'42", long 79°10'06", Hydrologic Unit 03040204, 131 ft east of Hampton Street and 33 ft off of Peachtree Street in Lakeview.
Owner: Town of Lakeview.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 302 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2 ft above land-surface datum.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 21.20 ft below land-surface datum, May 13, 1984; lowest, 26.75 ft below land-surface datum, March 9, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.20	24.72	25.01	24.14	25.10	24.48	24.46	24.86	23.90	23.94	24.00	24.63
2	24.24	24.80	24.94	24.12	24.96	24.47	24.49	24.85	24.00	23.86	24.10	24.67
3	24.34	24.86	24.71	24.12	24.95	24.48	24.62	24.81	24.06	23.74	24.28	24.69
4	24.41	24.63	24.71	24.17	24.98	24.39	24.70	24.76	24.13	23.69	24.44	24.64
5	24.49	24.44	24.78	24.24	24.95	24.38	24.74	24.59	24.23	23.79	24.53	24.68
6	24.55	24.56	24.83	24.27	24.87	24.45	24.70	24.45	24.21	23.91	24.63	24.71
7	24.41	24.69	24.93	24.24	25.06	24.52	24.61	24.26	24.08	23.96	24.69	24.78
8	24.26	24.83	24.96	24.30	25.16	24.31	24.48	24.13	23.87	24.02	24.91	24.87
9	24.35	24.86	24.93	24.38	25.24	24.12	24.43	24.21	23.87	24.20	25.00	24.88
10	24.47	24.96	24.86	24.48	25.22	24.14	24.47	24.23	23.95	24.57	24.92	24.90
11	24.49	24.89	24.87	24.58	25.11	24.09	24.58	24.22	23.98	24.90	24.90	24.97
12	24.50	24.88	24.91	24.58	24.99	24.13	24.68	24.19	23.96	25.09	24.86	25.00
13	24.55	25.11	24.94	24.52	25.01	24.24	24.74	24.10	24.05	25.28	24.65	25.05
14	24.49	25.20	25.04	24.45	25.01	24.30	24.69	23.94	24.07	25.40	24.43	24.92
15	24.48	25.35	25.00	24.46	24.90	24.41	24.55	23.81	24.07	25.13	24.50	24.79
16	24.52	25.32	24.70	24.55	24.84	24.53	24.54	23.72	24.12	25.22	24.65	24.84
17	24.59	25.05	24.48	24.64	24.83	24.50	24.49	23.52	24.13	25.22	24.75	24.93
18	24.62	24.82	24.57	24.77	24.78	24.39	24.57	23.43	24.07	25.23	24.75	25.01
19	24.61	24.73	24.89	24.80	24.71	24.39	24.64	23.42	23.94	25.05	24.74	25.08
20	24.63	24.80	25.01	24.68	24.67	24.51	24.68	23.52	23.94	24.85	24.77	25.11
21	24.63	24.90	24.97	24.67	24.62	24.62	24.69	23.49	24.02	24.69	24.83	25.05
22	24.60	24.98	24.86	25.12	24.55	24.57	24.60	23.42	24.07	24.63	24.78	25.00
23	24.58	24.85	24.81	25.64	24.49	24.58	24.56	23.48	24.15	24.52	24.76	24.96
24	24.53	24.73	24.73	25.87	24.42	24.54	24.62	23.55	24.22	24.47	24.68	24.98
25	24.66	24.69	24.63	25.81	24.36	24.45	24.69	23.68	24.23	24.39	24.67	25.02
26	24.73	24.63	24.55	25.67	24.35	24.49	24.78	23.71	24.27	24.44	24.66	25.06
27	24.70	24.61	24.45	25.51	24.38	24.56	24.79	23.78	24.27	24.53	24.65	25.09
28	24.54	24.67	24.35	25.32	24.45	24.61	24.66	23.81	24.24	24.57	24.47	25.17
29	24.40	24.85	24.28	25.25	---	24.60	24.63	23.81	24.26	24.43	24.53	25.18
30	24.42	25.01	24.24	25.26	---	24.56	24.74	23.78	24.15	24.09	24.59	25.16
31	24.53	---	24.17	25.20	---	24.53	---	23.79	---	23.94	24.61	---
MEAN	24.50	24.85	24.75	24.77	24.82	24.43	24.62	23.98	24.08	24.51	24.64	24.93
MAX	24.73	25.35	25.04	25.87	25.24	24.62	24.79	24.86	24.27	25.40	25.00	25.18
MIN	24.20	24.44	24.17	24.12	24.35	24.09	24.43	23.42	23.87	23.69	24.00	24.63

WTR YR 1985 MEAN 24.57 MAX 25.87 MIN 23.42



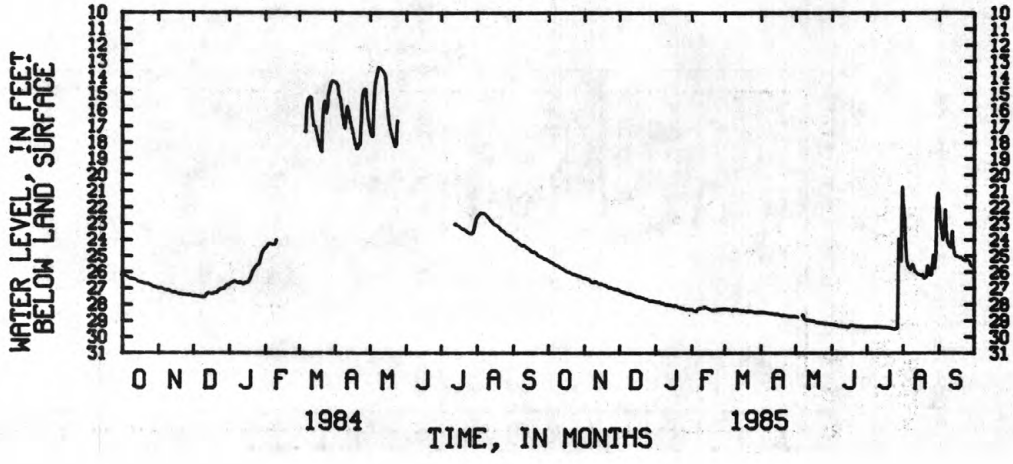
DORCHESTER COUNTY

331325080263400. Local number, DOR-103.
LOCATION.--Lat 33°13'25", long 80°26'34", Hydrologic Unit 03050206, 120 ft northeast of U.S. Hwy. 178 in Harleyville.
Owner: Ford Redimix Concrete Co.
AQUIFER.--Tertiary limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 56 ft, cased to 43 ft, open hole from 43 to 56 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft above and-surface datum.
REMARKS.--Original depth was 212 ft, well caved in and bottom was plugged with cement. Well was sounded Mar. 27, 1980 to a depth of 56 ft. Water-quality analysis on file in District office. Pump test data on file in District office. Gamma and caliper logged Nov. 29, 1979 to a depth of 55 ft.
PERIOD OF RECORD.--January 1980 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 13.36 ft below land-surface datum, May 8, 1984; lowest, 29.52 ft below land-surface datum, July 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.30	26.40	27.16	27.85	28.32	28.29	28.48	28.74	29.23	29.37	21.96	22.25
2	25.37	26.40	27.20	27.86	28.34	28.27	28.48	28.77	29.24	29.36	22.65	23.01
3	25.39	26.45	27.22	27.87	28.39	28.30	28.48	28.77	29.25	29.36	24.47	23.57
4	25.42	26.46	27.26	27.86	28.41	28.31	28.49	---	29.27	29.37	25.39	24.01
5	25.47	26.48	27.27	27.90	28.37	28.30	28.50	---	29.28	29.38	25.66	23.34
6	25.53	26.56	27.27	27.94	28.26	28.34	28.52	---	29.31	29.37	25.76	22.14
7	25.58	26.62	27.34	27.93	28.21	28.37	28.53	28.68	29.32	29.37	25.85	23.61
8	25.61	26.65	27.34	27.95	28.20	28.34	28.55	28.88	29.31	29.37	25.62	24.15
9	25.62	26.63	27.36	28.01	28.19	28.32	28.57	28.95	29.33	29.36	25.49	24.33
10	25.67	26.58	27.37	28.01	28.19	28.34	28.58	28.97	29.34	29.37	25.75	24.46
11	25.73	26.60	27.39	28.01	28.17	28.34	28.58	28.98	29.35	29.38	25.98	24.45
12	25.77	26.67	27.42	28.04	28.14	28.32	28.60	29.00	29.35	29.39	26.02	23.45
13	25.82	26.72	27.44	28.05	28.18	28.36	28.60	28.98	29.37	29.39	26.10	24.50
14	25.85	26.75	27.49	28.04	28.22	28.37	28.60	29.01	29.39	29.40	26.15	24.89
15	25.90	26.75	27.51	28.08	28.25	28.39	28.60	29.04	29.39	29.40	26.16	25.02
16	25.96	26.75	27.53	28.11	28.28	28.40	28.60	29.03	29.30	29.40	26.21	25.03
17	26.00	26.81	27.55	28.08	28.32	28.36	28.64	29.04	29.28	29.40	26.22	25.05
18	26.01	26.82	27.56	28.08	28.36	28.40	28.67	29.09	29.27	29.41	26.13	25.10
19	26.02	26.82	27.57	28.11	28.36	28.43	28.67	29.12	29.29	29.42	26.38	25.11
20	26.07	26.90	27.60	28.15	28.35	28.43	28.67	29.13	29.31	29.43	26.32	25.10
21	26.11	26.95	27.62	28.20	28.35	28.42	28.68	29.13	29.33	29.45	26.29	25.18
22	26.14	26.96	27.65	28.20	28.33	28.41	28.69	29.15	29.34	29.47	25.58	25.28
23	26.16	26.97	27.69	28.22	28.31	28.42	28.70	29.14	29.34	29.49	25.87	25.29
24	26.18	26.99	27.69	28.24	28.30	28.43	28.71	29.15	29.34	29.52	26.17	25.22
25	26.21	27.03	27.72	28.24	28.30	28.44	28.73	29.17	29.35	29.49	26.20	25.25
26	26.24	27.05	27.78	28.31	28.28	28.47	28.73	29.18	29.36	29.45	25.59	25.27
27	26.25	27.07	27.78	28.31	28.28	28.48	28.73	29.19	29.36	29.42	24.92	25.35
28	26.28	27.06	27.78	28.28	28.29	28.48	28.73	29.20	29.37	23.91	25.78	25.59
29	26.31	27.08	27.79	28.31	---	28.48	28.73	29.21	29.37	24.01	24.85	25.68
30	26.34	27.10	27.81	28.33	---	28.48	28.73	29.22	29.37	25.34	21.37	25.60
31	26.38	---	27.83	28.31	---	28.48	---	29.22	---	20.73	21.12	---
MEAN	25.89	26.77	27.52	28.09	28.28	28.39	28.62	---	29.32	28.64	25.29	24.54
MAX	26.38	27.10	27.83	28.33	28.41	28.48	28.73	---	29.39	29.52	26.38	25.68
MIN	25.30	26.40	27.16	27.85	28.14	28.27	28.48	---	29.23	20.73	21.12	22.14

HYDROGRAPH



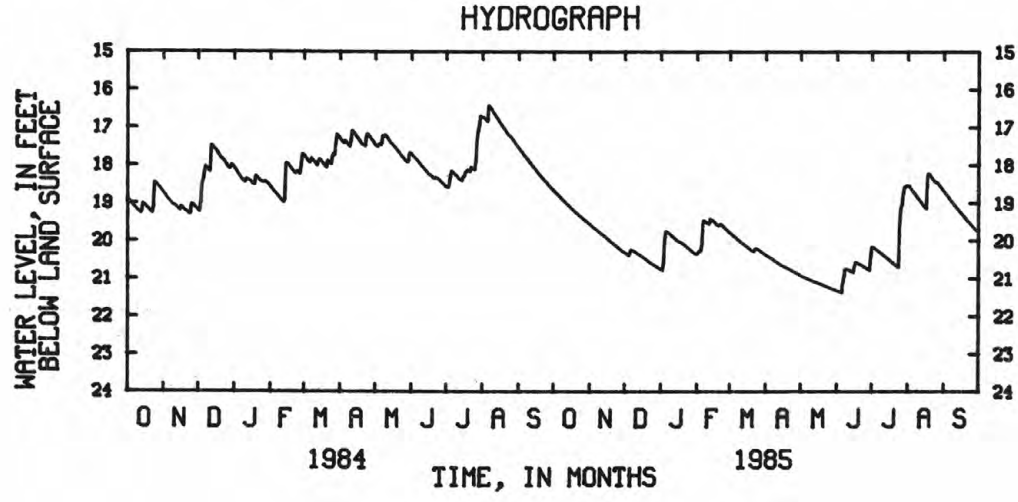
FLORENCE COUNTY

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.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.
PERIOD OF RECORD.--June 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 21.38 ft below land-surface datum, June 5, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.68	19.57	20.33	20.77	20.34	19.79	20.38	20.92	21.33	20.15	18.53	18.68
2	18.71	19.60	20.35	20.79	20.30	19.81	20.40	20.94	21.34	20.16	18.54	18.72
3	18.74	19.63	20.37	20.59	20.26	19.84	20.42	20.95	21.35	20.18	18.58	18.76
4	18.77	19.66	20.40	19.94	20.27	19.87	20.44	20.97	21.36	20.21	18.61	18.80
5	18.80	19.68	20.32	19.74	20.04	19.90	20.45	20.98	21.38	20.23	18.66	18.84
6	18.83	19.71	20.24	19.76	19.46	19.92	20.47	20.99	21.10	20.26	18.70	18.89
7	18.86	19.73	20.25	19.78	19.46	19.95	20.49	21.01	20.94	20.28	18.74	18.93
8	18.90	19.76	20.27	19.81	19.49	19.98	20.52	21.02	20.74	20.31	18.78	18.97
9	18.93	19.78	20.29	19.83	19.51	20.00	20.54	21.03	20.74	20.33	18.82	19.01
10	18.96	19.81	20.31	19.86	19.54	20.03	20.56	21.05	20.76	20.36	18.87	19.05
11	18.99	19.83	20.33	19.89	19.55	20.06	20.58	21.06	20.77	20.38	18.91	19.09
12	19.02	19.85	20.35	19.92	19.41	20.08	20.60	21.08	20.78	20.41	18.95	19.13
13	19.05	19.88	20.37	19.95	19.43	20.10	20.62	21.09	20.80	20.43	18.99	19.16
14	19.08	19.90	20.39	19.98	19.46	20.13	20.64	21.10	20.82	20.45	19.03	19.20
15	19.11	19.93	20.41	20.01	19.48	20.15	20.66	21.11	20.84	20.48	19.07	19.23
16	19.14	19.96	20.43	20.03	19.51	20.17	20.67	21.13	20.65	20.50	19.11	19.27
17	19.17	19.98	20.45	20.05	19.54	20.20	20.69	21.14	20.56	20.53	19.15	19.31
18	19.20	20.01	20.47	20.05	19.58	20.22	20.70	21.15	20.57	20.56	18.23	19.34
19	19.23	20.04	20.50	20.07	19.61	20.25	20.72	21.16	20.59	20.58	18.20	19.38
20	19.26	20.06	20.52	20.09	19.57	20.27	20.74	21.17	20.61	20.61	18.24	19.42
21	19.28	20.09	20.55	20.11	19.55	20.29	20.75	21.19	20.63	20.63	18.29	19.46
22	19.31	20.11	20.57	20.14	19.58	20.23	20.77	21.20	20.64	20.65	18.34	19.49
23	19.34	20.14	20.59	20.16	19.61	20.20	20.78	21.21	20.66	20.68	18.38	19.52
24	19.36	20.16	20.61	20.19	19.64	20.22	20.80	21.23	20.68	20.70	18.42	19.56
25	19.39	20.19	20.63	20.22	19.67	20.23	20.82	21.24	20.70	19.46	18.46	19.59
26	19.42	20.22	20.65	20.24	19.70	20.25	20.84	21.25	20.72	19.10	18.44	19.63
27	19.45	20.24	20.67	20.27	19.73	20.27	20.85	21.26	20.74	19.02	18.48	19.66
28	19.47	20.27	20.69	20.30	19.76	20.30	20.87	21.28	20.76	18.73	18.52	19.70
29	19.50	20.29	20.71	20.32	---	20.32	20.88	21.29	20.78	18.56	18.56	19.73
30	19.52	20.31	20.73	20.35	---	20.34	20.90	21.30	20.39	18.55	18.60	19.76
31	19.55	---	20.75	20.36	---	20.36	---	21.31	---	18.52	18.64	---
MEAN	19.13	19.95	20.47	20.12	19.68	20.12	20.65	21.12	20.82	20.06	18.64	19.24
MAX	19.55	20.31	20.75	20.79	20.34	20.36	20.90	21.31	21.38	20.70	19.15	19.76
MIN	18.68	19.57	20.24	19.74	19.41	19.79	20.38	20.92	20.39	18.52	18.20	18.68

CAL YR 1984 MEAN 18.36 MAX 20.75 MIN 16.41
WTR YR 1985 MEAN 20.00 MAX 21.38 MIN 18.20



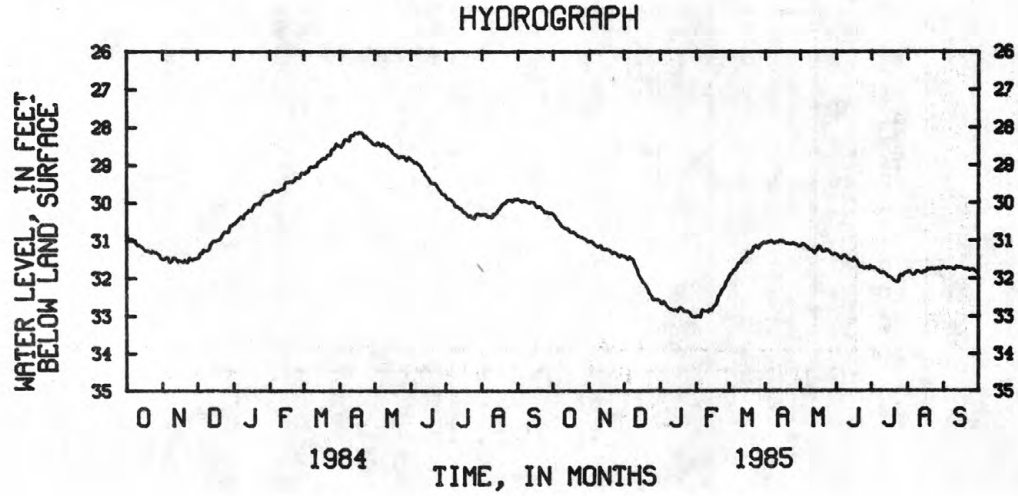
FLORENCE COUNTY

341200079444100. Local number, FLO-99.
LOCATION.--Lat 34°12'00", long 79°44'41", Hydrologic Unit 03040201, 85 ft east of the rear of City Products warehouse off East Day Street in Florence.
Owner: City Products, Kenneth Ness.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 216 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.72 ft above land-surface datum.
REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft. Obstruction between 30 to 40 ft. Water-quality data available in District files.
PERIOD OF RECORD.--June 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 27.26 ft below land-surface datum, May 4, 1983; lowest, 33.71 ft below land-surface datum, July 25, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.29	31.02	31.42	32.60	33.01	31.94	31.06	31.13	31.37	31.72	31.83	31.71
2	30.33	31.02	31.42	32.67	32.98	31.89	31.04	31.11	31.39	31.72	31.80	31.73
3	30.37	31.01	31.47	32.66	33.00	31.85	31.03	31.08	31.43	31.71	31.83	31.75
4	30.43	31.04	31.50	32.60	33.03	31.84	31.02	31.10	31.45	31.73	31.86	31.72
5	30.47	31.09	31.46	32.64	32.95	31.77	31.03	31.12	31.48	31.75	31.90	31.73
6	30.50	31.12	31.42	32.70	32.82	31.77	30.99	31.16	31.42	31.78	31.90	31.74
7	30.55	31.13	31.48	32.74	32.84	31.73	31.03	31.16	31.41	31.80	31.88	31.72
8	30.61	31.17	31.48	32.77	32.86	31.67	31.06	31.21	31.38	31.85	31.82	31.74
9	30.62	31.14	31.52	32.80	32.87	31.59	31.04	31.23	31.41	31.86	31.81	31.77
10	30.66	31.14	31.60	32.81	32.85	31.58	31.03	31.25	31.46	31.83	31.81	31.75
11	30.66	31.12	31.69	32.83	32.89	31.58	31.03	31.26	31.49	31.84	31.83	31.73
12	30.69	31.22	31.73	32.84	32.81	31.50	31.03	31.28	31.51	31.86	31.86	31.68
13	30.69	31.23	31.83	32.85	32.83	31.47	31.00	31.34	31.52	31.88	31.86	31.71
14	30.69	31.23	31.93	32.82	32.84	31.43	31.00	31.27	31.54	31.91	31.82	31.72
15	30.76	31.24	31.98	32.86	32.78	31.43	31.03	31.24	31.55	31.96	31.83	31.70
16	30.77	31.22	32.02	32.87	32.73	31.38	31.00	31.21	31.45	31.96	31.82	31.72
17	30.79	31.25	32.09	32.79	32.69	31.30	31.03	31.14	31.53	31.97	31.81	31.73
18	30.76	31.24	32.13	32.76	32.68	31.34	31.06	31.17	31.53	31.99	31.73	31.75
19	30.78	31.27	32.15	32.78	32.58	31.31	31.08	31.22	31.58	32.02	31.77	31.76
20	30.80	31.32	32.20	32.80	32.44	31.30	31.06	31.29	31.62	32.06	31.76	31.77
21	30.85	31.34	32.26	32.87	32.43	31.26	31.08	31.25	31.70	32.07	31.74	31.76
22	30.88	31.30	32.31	32.86	32.36	31.17	31.09	31.28	31.71	32.09	31.74	31.74
23	30.88	31.33	32.41	32.87	32.29	31.14	31.08	31.23	31.68	32.09	31.77	31.80
24	30.90	31.33	32.44	32.87	32.25	31.13	31.07	31.24	31.74	32.08	31.76	31.77
25	30.91	31.36	32.49	32.87	32.23	31.16	31.05	31.27	31.73	31.94	31.75	31.77
26	30.91	31.41	32.57	32.90	32.14	31.21	31.10	31.29	31.72	31.90	31.74	31.77
27	30.94	31.43	32.56	32.93	32.06	31.12	31.10	31.33	31.70	31.94	31.73	31.77
28	30.94	31.38	32.55	33.00	32.03	31.11	31.10	31.37	31.73	31.91	31.73	31.81
29	30.97	31.39	32.57	33.01	---	31.08	31.15	31.37	31.75	31.86	31.75	31.83
30	31.01	31.41	32.55	33.02	---	31.04	31.14	31.36	31.66	31.85	31.74	31.88
31	31.03	---	32.57	33.01	---	31.04	---	31.35	---	31.84	31.69	---
MEAN	30.72	31.23	31.99	32.82	32.65	31.42	31.05	31.24	31.55	31.90	31.80	31.75
MAX	31.03	31.43	32.57	33.02	33.03	31.94	31.15	31.37	31.75	32.09	31.90	31.88
MIN	30.29	31.01	31.42	32.60	32.03	31.04	30.99	31.08	31.37	31.71	31.69	31.68

CAL YR 1984 MEAN 29.93 MAX 32.57 MIN 28.12
WTR YR 1985 MEAN 31.67 MAX 33.03 MIN 30.29



FLORENCE COUNTY

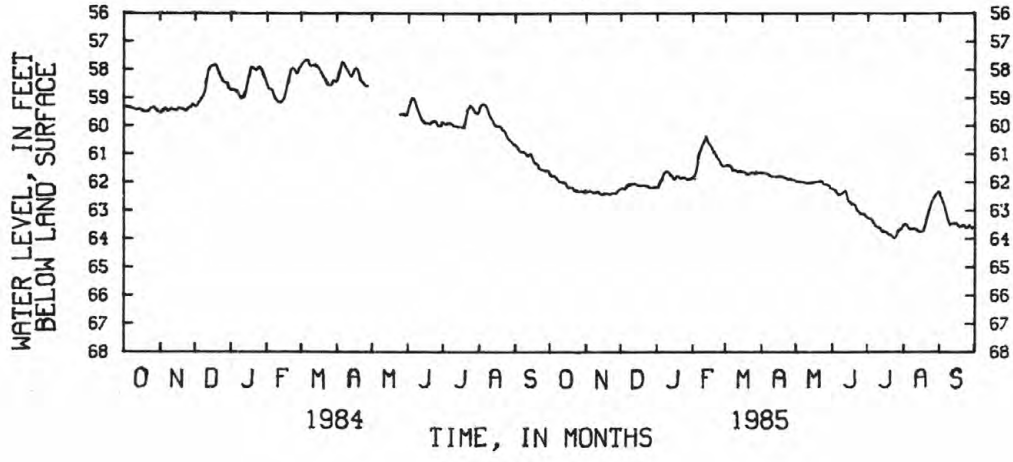
341144079345001. Local number, FLO-128.
LOCATION.--Lat 34°11'44", long 79°34'50", Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site. 430 ft from State Hwy. 76.
Owner: E. I. DuPont, de Nemours Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 690 ft, cased to 690 ft, screened intervals 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above landsurface 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.
PERIOD OF RECORD.--January 1982 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 64.00 ft below land-surface datum, July 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61.66	62.37	62.22	62.20	61.84	61.43	61.67	61.97	62.22	63.26	63.54	62.38
2	61.78	62.35	62.22	62.19	61.78	61.42	61.70	61.97	62.24	63.29	63.48	62.50
3	61.80	62.34	62.22	62.12	61.71	61.42	61.70	61.97	62.30	63.30	63.48	62.57
4	61.79	62.32	62.24	61.99	61.56	61.42	61.69	62.00	62.36	63.31	63.50	62.68
5	61.80	62.30	62.24	61.93	61.35	61.42	61.70	62.01	62.39	63.34	63.58	62.79
6	61.84	62.34	62.15	61.86	61.06	61.49	61.71	62.01	62.42	63.44	63.64	62.96
7	61.88	62.37	62.13	61.69	60.91	61.59	61.73	62.01	62.42	63.49	63.66	63.13
8	61.92	62.37	62.10	61.64	60.79	61.60	61.77	62.01	62.43	63.53	63.66	63.29
9	61.98	62.36	62.08	61.63	60.67	61.59	61.80	62.03	62.43	63.58	63.66	63.42
10	62.01	62.36	62.07	61.64	60.60	61.59	61.82	62.03	62.40	63.61	63.66	63.49
11	62.01	62.34	62.06	61.64	60.54	61.63	61.82	62.04	62.33	63.62	63.66	63.51
12	62.01	62.33	62.06	61.70	60.37	61.64	61.82	62.04	62.30	63.65	63.68	63.46
13	62.02	62.40	62.05	61.75	60.43	61.63	61.83	62.04	62.39	63.72	63.73	63.46
14	62.01	62.43	62.08	61.77	60.58	61.63	61.82	62.04	62.59	63.77	63.75	63.46
15	62.06	62.43	62.12	61.85	60.63	61.63	61.82	62.04	62.69	63.76	63.75	63.48
16	62.14	62.43	62.12	61.92	60.69	61.65	61.82	62.03	62.70	63.77	63.75	63.48
17	62.20	62.41	62.12	61.84	60.76	61.65	61.82	61.99	62.73	63.77	63.75	63.51
18	62.20	62.41	62.12	61.80	60.85	61.66	61.83	61.99	62.78	63.80	63.75	63.57
19	62.19	62.39	62.13	61.80	60.90	61.74	61.83	61.98	62.79	63.84	63.67	63.59
20	62.20	62.41	62.12	61.80	60.95	61.73	61.83	61.97	62.81	63.87	63.47	63.58
21	62.22	62.44	62.11	61.87	61.09	61.69	61.83	61.95	62.87	63.87	63.32	63.56
22	62.29	62.43	62.11	61.88	61.15	61.68	61.86	61.96	62.93	63.90	63.16	63.56
23	62.32	62.40	62.11	61.86	61.18	61.68	61.91	62.01	62.99	63.95	63.01	63.58
24	62.34	62.38	62.13	61.85	61.24	61.67	61.92	62.05	63.04	64.00	62.87	63.61
25	62.34	62.38	62.17	61.83	61.36	61.66	61.89	62.08	63.11	63.96	62.73	63.63
26	62.34	62.39	62.20	61.87	61.42	61.72	61.88	62.09	63.13	63.88	62.63	63.59
27	62.33	62.39	62.20	61.91	61.43	61.72	61.93	62.09	63.14	63.76	62.57	63.55
28	62.32	62.33	62.20	61.90	61.43	61.68	61.94	62.09	63.15	63.72	62.51	63.59
29	62.33	62.27	62.20	61.89	---	61.67	61.94	62.13	63.20	63.68	62.45	63.62
30	62.36	62.24	62.20	61.90	---	61.67	61.97	62.19	63.23	63.65	62.38	63.68
31	62.37	---	62.20	61.87	---	61.67	---	62.21	---	63.61	62.32	---
MEAN	62.10	62.37	62.14	61.85	61.05	61.62	61.82	62.03	62.68	63.67	63.32	63.34
MAX	62.37	62.44	62.24	62.20	61.84	61.74	61.97	62.21	63.23	64.00	63.75	63.68
MIN	61.66	62.24	62.05	61.63	60.37	61.42	61.67	61.95	62.22	63.26	62.32	62.38

WTR YR 1985 MEAN 62.34 MAX 64.00 MIN 60.37

HYDROGRAPH



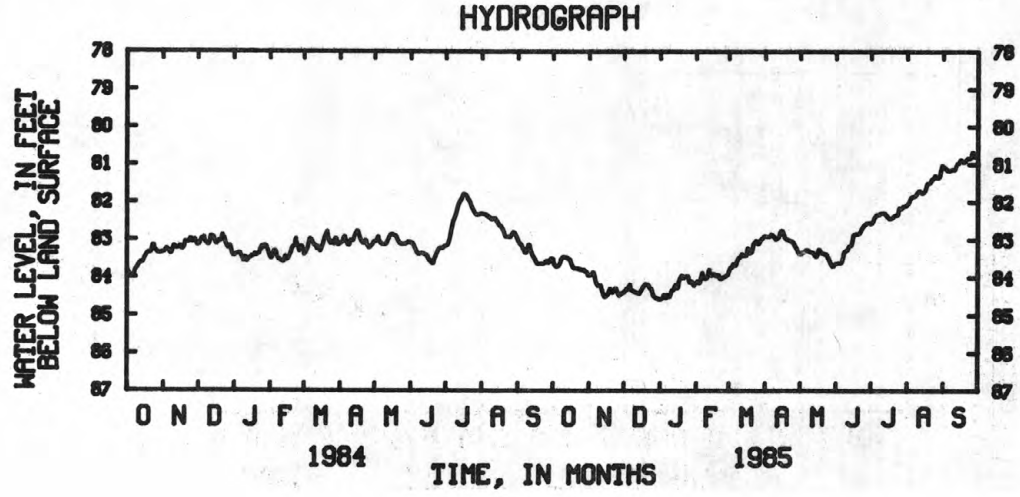
GEORGETOWN COUNTY

332249079171300. Local number, GEO-17.
LOCATION.--Lat 33°22'49", long 79°17'13", Hydrologic Unit 03040207, at Georgetown Hospital on Black River Road.
Owner: City of Georgetown.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 105 ft, 8 in from 105 to 885 ft, depth 885 ft, screened intervals 703-713, 757-767, 789-799, 844-854, 815-885 ft. Cement grout to 105 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.3 ft above landsurface datum.
PERIOD OF RECORD.--January 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 68.56 ft below land-surface datum May 14, 1978; lowest, 84.58 ft below land-surface datum, Dec. 31, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83.51	83.96	84.38	84.57	84.14	83.82	82.89	83.39	83.63	82.58	82.05	81.06
2	83.66	83.93	84.35	84.57	84.09	83.74	82.92	83.38	83.62	82.54	82.02	81.09
3	83.70	83.94	84.29	84.53	84.15	83.74	82.91	83.32	83.61	82.48	81.96	81.10
4	83.72	83.87	84.33	84.46	84.14	83.67	82.93	83.33	83.62	82.40	81.88	81.14
5	83.71	83.87	84.24	84.47	84.01	83.63	82.89	83.29	83.62	82.35	81.85	81.16
6	83.68	83.99	84.18	84.55	83.87	83.69	82.85	83.27	83.58	82.33	81.85	81.17
7	83.62	84.14	84.34	84.46	83.96	83.67	82.88	83.26	83.48	82.33	81.84	81.16
8	83.51	84.20	84.34	84.47	84.03	83.55	82.90	83.30	83.32	82.33	81.82	81.15
9	83.47	84.22	84.37	84.52	84.03	83.48	82.94	83.30	83.29	82.29	81.77	81.13
10	83.46	84.21	84.38	84.42	84.01	83.47	82.99	83.33	83.28	82.29	81.72	81.13
11	83.47	84.20	84.40	84.33	83.92	83.44	82.96	83.32	83.26	82.29	81.70	81.14
12	83.47	84.32	84.40	84.33	83.79	83.37	82.95	83.34	83.16	82.28	81.71	81.04
13	83.48	84.42	84.41	84.27	83.91	83.44	82.89	83.38	83.16	82.32	81.74	80.98
14	83.50	84.51	84.43	84.19	83.96	83.39	82.78	83.43	83.14	82.35	81.76	80.98
15	83.52	84.52	84.38	84.25	83.92	83.43	82.75	83.46	83.04	82.39	81.74	80.92
16	83.56	84.47	84.31	84.29	83.90	83.40	82.77	83.39	82.86	82.43	81.70	80.87
17	83.66	84.46	84.25	84.09	83.92	83.21	82.87	83.25	82.86	82.44	81.63	80.89
18	83.73	84.36	84.21	84.02	83.97	83.26	82.96	83.27	82.84	82.43	81.51	80.93
19	83.76	84.29	84.18	83.96	83.93	83.36	82.98	83.34	82.84	82.42	81.49	80.94
20	83.77	84.37	84.18	83.94	83.93	83.34	82.99	83.36	82.84	82.38	81.50	80.92
21	83.77	84.41	84.19	84.02	84.02	83.26	83.01	83.36	82.82	82.35	81.45	80.87
22	83.77	84.36	84.21	83.99	84.04	83.09	83.02	83.38	82.77	82.34	81.39	80.83
23	83.77	84.29	84.29	83.97	84.02	83.06	83.04	83.38	82.70	82.34	81.38	80.84
24	83.79	84.28	84.29	83.97	83.99	83.02	83.05	83.41	82.65	82.32	81.33	80.84
25	83.81	84.36	84.37	83.96	83.98	83.06	83.07	83.48	82.61	82.15	81.29	80.82
26	83.79	84.44	84.49	84.12	83.97	83.11	83.14	83.53	82.58	82.18	81.34	80.68
27	83.79	84.49	84.51	84.14	83.94	83.07	83.20	83.61	82.56	82.16	81.35	80.67
28	83.83	84.42	84.54	84.09	83.92	83.00	83.24	83.66	82.55	82.12	81.35	80.81
29	83.85	84.43	84.55	84.17	---	82.96	83.31	83.71	82.55	82.11	81.31	80.79
30	83.87	84.40	84.56	84.22	---	82.94	83.37	83.70	82.54	82.10	81.14	80.74
31	83.94	---	84.58	84.15	---	82.90	---	83.65	---	82.09	81.02	---
MEAN	83.68	84.27	84.35	84.24	83.98	83.34	82.98	83.41	83.05	82.32	81.60	80.96
MAX	83.94	84.52	84.58	84.57	84.15	83.82	83.37	83.71	83.63	82.58	82.05	81.17
MIN	83.46	83.87	84.18	83.94	83.79	82.90	82.75	83.25	82.54	82.09	81.02	80.67

CAL YR 1984 MEAN 83.32 MAX 84.58 MIN 81.78
WTR YR 1985 MEAN 83.18 MAX 84.58 MIN 80.67



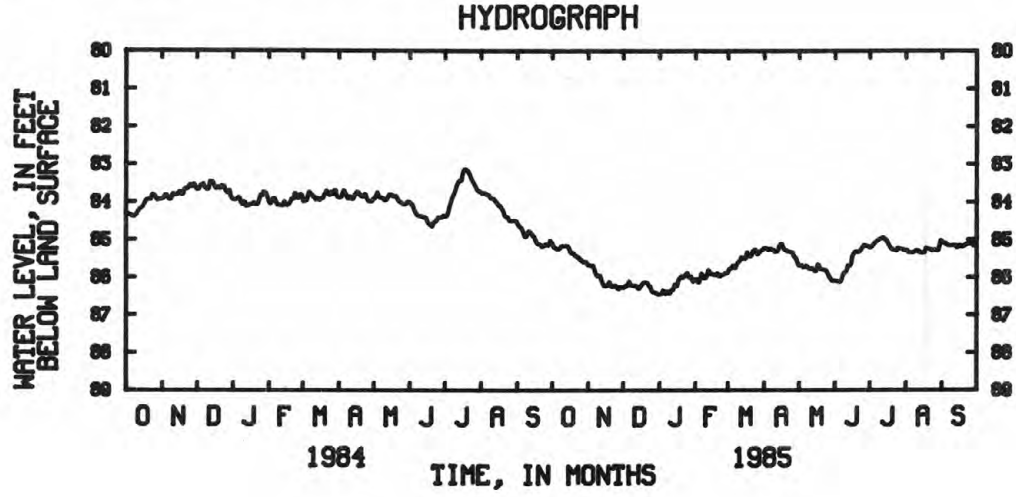
GEORGETOWN COUNTY

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.--Sands of the Pee Dee and Black Creek Formations.
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.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.
REMARKS.--Driller's log and geophysical logs available in District files.
PERIOD OF RECORD.--June 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 96.82 ft below land-surface datum, Nov. 21-23, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.09	85.68	86.27	86.45	86.06	85.84	85.21	85.70	86.09	85.21	85.27	85.06
2	85.18	85.66	86.26	86.45	86.04	85.77	85.22	85.70	86.10	85.20	85.29	85.09
3	85.21	85.70	86.21	86.40	86.13	85.78	85.24	85.67	86.11	85.17	85.34	85.09
4	85.23	85.68	86.24	86.34	86.15	85.74	85.27	85.73	86.12	85.12	85.34	85.10
5	85.25	85.68	86.17	86.40	86.03	85.68	85.26	85.74	86.13	85.09	85.34	85.12
6	85.25	85.77	86.10	86.45	85.90	85.74	85.23	85.72	86.11	85.06	85.35	85.14
7	85.24	85.89	86.21	86.38	85.96	85.77	85.26	85.69	86.04	85.03	85.34	85.16
8	85.19	85.95	86.21	86.37	86.02	85.68	85.27	85.73	85.91	85.01	85.32	85.16
9	85.16	85.97	86.22	86.44	86.02	85.61	85.28	85.77	85.88	84.98	85.30	85.15
10	85.16	85.96	86.21	86.41	86.01	85.59	85.33	85.79	85.87	84.98	85.28	85.15
11	85.16	85.95	86.22	86.34	85.92	85.55	85.31	85.76	85.82	84.97	85.29	85.16
12	85.17	86.04	86.24	86.34	85.80	85.46	85.31	85.77	85.69	84.94	85.31	85.13
13	85.15	86.14	86.27	86.29	85.87	85.51	85.26	85.80	85.69	84.97	85.34	85.18
14	85.17	86.21	86.31	86.18	85.92	85.47	85.15	85.82	85.70	84.99	85.36	85.22
15	85.21	86.24	86.27	86.20	85.91	85.51	85.11	85.86	85.63	85.02	85.36	85.19
16	85.28	86.21	86.22	86.25	85.91	85.50	85.11	85.80	85.42	85.07	85.35	85.15
17	85.35	86.24	86.18	86.09	85.93	85.33	85.19	85.66	85.37	85.12	85.33	85.15
18	85.35	86.18	86.15	86.03	85.96	85.38	85.27	85.70	85.33	85.18	85.22	85.19
19	85.36	86.11	86.12	86.00	85.91	85.46	85.28	85.78	85.31	85.24	85.22	85.19
20	85.40	86.20	86.14	85.97	85.89	85.45	85.29	85.80	85.33	85.27	85.24	85.17
21	85.43	86.26	86.14	86.02	85.97	85.41	85.31	85.79	85.33	85.27	85.25	85.14
22	85.45	86.25	86.19	85.98	85.98	85.30	85.32	85.81	85.31	85.27	85.26	85.11
23	85.46	86.21	86.23	85.94	85.95	85.29	85.33	85.81	85.28	85.29	85.29	85.11
24	85.49	86.22	86.26	85.91	85.92	85.25	85.34	85.82	85.23	85.30	85.28	85.10
25	85.53	86.26	86.36	85.88	85.92	85.31	85.35	85.88	85.18	85.21	85.26	85.11
26	85.55	86.30	86.40	86.00	85.90	85.40	85.43	85.94	85.14	85.24	85.27	85.05
27	85.57	86.32	86.41	86.02	85.88	85.36	85.48	86.00	85.15	85.25	85.28	85.06
28	85.60	86.26	86.41	85.97	85.90	85.31	85.50	86.04	85.17	85.25	85.29	85.17
29	85.58	86.27	86.42	86.07	---	85.29	85.57	86.09	85.18	85.25	85.28	85.17
30	85.58	86.26	86.45	86.13	---	85.27	85.67	86.11	85.18	85.28	85.14	85.14
31	85.65	---	86.46	86.06	---	85.24	---	86.10	---	85.29	85.02	---
MEAN	85.34	86.07	86.26	86.19	85.96	85.49	85.30	85.82	85.59	85.15	85.28	85.14
MAX	85.65	86.32	86.46	86.45	86.15	85.84	85.67	86.11	86.13	85.30	85.36	85.22
MIN	85.09	85.66	86.10	85.88	85.80	85.24	85.11	85.66	85.14	84.94	85.02	85.05

CAL YR 1984 MEAN 84.53 MAX 86.46 MIN 83.13
WTR YR 1985 MEAN 85.63 MAX 86.46 MIN 84.94

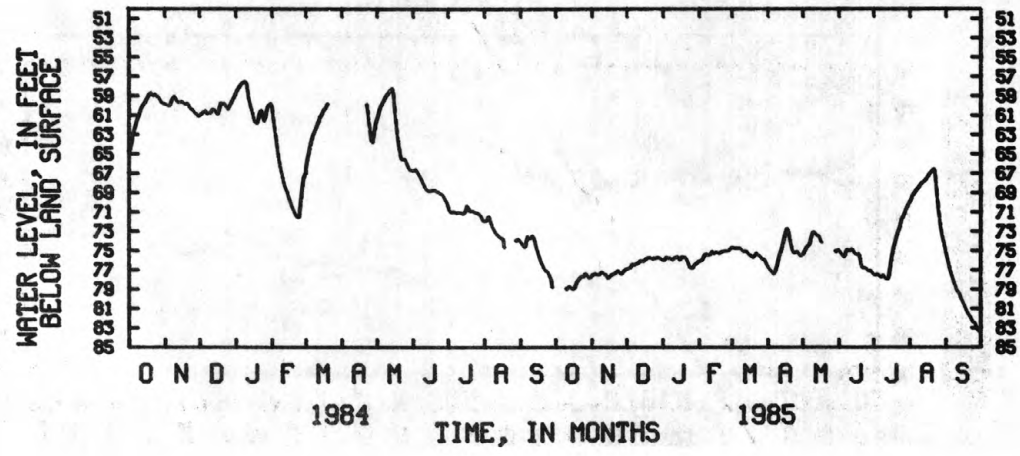


332610079104000. Local number, GEO-84.
LOCATION.--Lat 33°26'10", long 79°10'40", Hydrologic Unit 03040207, 2 mi west of Pawleys Island, south Causeway entrance on Hwy. 17.
Owner: Johnnie Strait.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.
REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct., 1969 to 535 ft. Water-level influenced by nearby pumping. Water-quality data available in District files.
PERIOD OF RECORD.--December 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.38 ft below land-surface datum, Feb. 10, 1978; lowest, 83.44 ft below land-surface datum, Sept. 30, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	77.55	76.89	75.98	76.08	74.64	76.74	75.41	74.97	77.48	69.89	75.20
2	---	77.44	76.84	75.99	76.00	74.67	76.92	75.19	75.14	77.53	69.68	75.73
3	---	77.39	76.78	75.81	75.99	74.77	77.06	74.91	75.33	77.48	69.34	76.24
4	---	77.37	76.78	75.67	75.83	74.74	77.19	74.67	75.49	77.44	69.12	76.72
5	---	77.46	76.51	75.79	75.56	74.73	77.36	74.53	75.68	77.54	68.93	77.18
6	---	77.47	76.38	75.78	75.35	74.78	77.43	74.45	75.50	77.67	68.76	77.61
7	---	77.45	76.50	75.78	75.37	74.75	77.16	74.22	75.11	77.74	68.61	77.95
8	---	77.34	76.39	75.89	75.44	74.77	76.87	73.73	74.88	77.70	68.47	78.34
9	---	77.24	76.36	75.95	75.42	74.87	76.50	73.23	74.96	77.56	68.31	78.65
10	78.98	77.27	76.29	75.79	75.42	75.01	75.92	73.05	75.02	77.71	68.14	79.01
11	78.87	77.38	76.23	75.73	75.27	75.08	75.39	73.13	74.98	77.91	67.99	79.30
12	78.75	77.45	76.09	75.69	75.08	75.01	75.11	73.31	74.83	77.93	67.89	79.32
13	78.73	77.51	76.04	75.61	75.28	75.08	74.74	73.43	74.94	77.97	67.82	79.61
14	78.85	77.83	76.08	75.70	75.27	75.11	74.15	73.45	75.20	77.58	67.72	79.98
15	78.96	77.82	76.06	75.94	75.19	75.31	73.63	73.58	75.36	76.73	67.57	80.21
16	78.96	77.66	75.98	75.87	75.19	75.45	73.13	73.84	75.38	75.96	67.42	80.44
17	78.84	77.57	75.88	75.64	75.24	75.45	72.77	74.18	75.47	75.28	67.23	80.72
18	78.52	77.44	75.80	75.67	75.28	75.65	72.70	---	75.29	74.67	67.01	81.03
19	78.23	77.37	75.73	75.66	75.21	75.69	73.28	---	75.62	74.18	66.89	81.29
20	78.06	77.37	75.71	75.71	75.12	75.59	73.89	---	76.44	73.74	66.75	81.54
21	77.91	77.27	75.72	75.88	75.07	75.46	74.49	---	76.80	73.31	66.61	81.73
22	77.74	77.19	75.82	76.09	75.03	75.26	74.97	---	76.78	72.96	66.53	81.92
23	77.65	77.10	75.87	76.48	75.00	75.38	75.25	---	76.81	72.61	67.29	82.15
24	77.71	77.18	75.75	76.81	75.00	75.49	75.23	---	76.86	72.16	68.74	82.36
25	77.66	77.34	75.79	76.80	75.02	75.60	75.15	---	76.94	71.64	70.04	82.49
26	77.39	77.40	75.75	76.84	74.97	75.75	75.12	---	77.10	71.49	71.21	82.52
27	77.40	77.34	75.70	76.64	74.87	75.89	75.21	---	77.07	71.23	72.12	82.80
28	77.64	77.11	75.71	76.47	74.77	75.89	75.44	---	77.07	70.94	72.94	83.18
29	77.82	77.04	75.75	76.36	---	75.96	75.56	75.05	77.19	70.63	73.58	83.31
30	77.82	76.91	75.83	76.26	---	76.21	75.43	75.01	77.33	70.35	74.06	83.44
31	77.71	---	75.91	76.12	---	76.45	---	74.92	---	70.11	74.62	---
MEAN	---	77.38	76.09	76.01	75.30	75.31	75.33	---	75.85	75.01	69.07	80.07
MAX	---	77.83	76.89	76.84	76.08	76.45	77.43	---	77.33	77.97	74.62	83.44
MIN	---	76.91	75.70	75.61	74.77	74.64	72.70	---	74.83	70.11	66.53	75.20

HYDROGRAPH



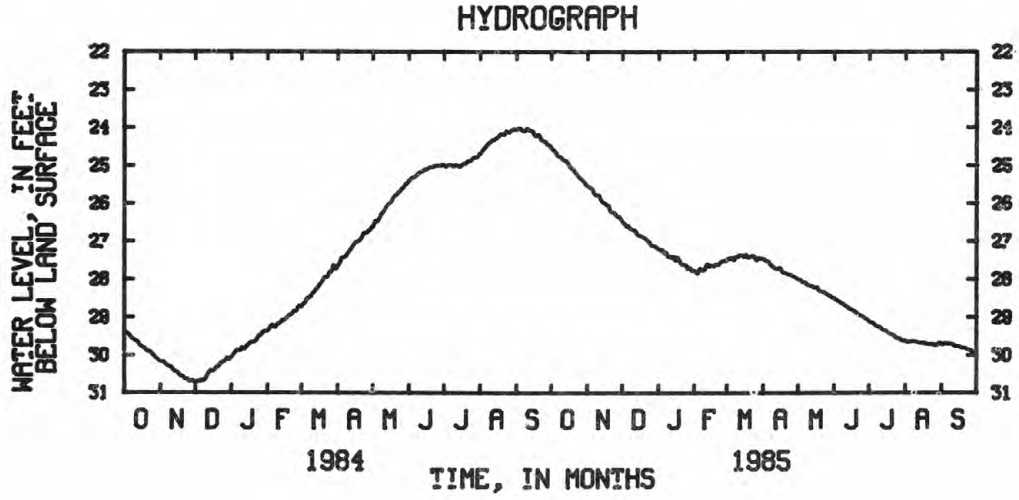
GREENVILLE COUNTY

345335082185800. Local number, GRV-709.
LOCATION.--Lat 34°53'35", long 82°18'58", Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville.
Owner: School District of Greenville County.
AQUIFER.--Metamorphic 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.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 926 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.79 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, 34.19 ft below land-surface datum, Oct. 28, 1981 (estimated).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.54	25.54	26.50	27.20	27.78	27.47	27.47	28.00	28.51	29.12	29.61	29.71
2	24.59	25.55	26.53	27.24	27.80	27.45	27.50	28.00	28.54	29.13	29.64	29.72
3	24.60	25.59	26.55	27.25	27.86	27.48	27.50	28.03	28.56	29.14	29.65	29.69
4	24.64	25.59	26.62	27.22	27.84	27.44	27.53	28.08	28.58	29.16	29.64	29.68
5	24.68	25.62	26.58	27.31	27.74	27.43	27.53	28.08	28.59	29.18	29.64	29.68
6	24.74	25.71	26.59	27.33	27.71	27.49	27.58	28.08	28.62	29.21	29.63	29.68
7	24.76	25.76	26.67	27.28	27.77	27.50	27.62	28.09	28.63	29.23	29.62	29.70
8	24.76	25.79	26.66	27.35	27.78	27.42	27.65	28.14	28.64	29.24	29.62	29.70
9	24.79	25.78	26.69	27.42	27.75	27.41	27.67	28.16	28.67	29.25	29.63	29.69
10	24.83	25.77	26.69	27.40	27.73	27.41	27.70	28.16	28.70	29.27	29.64	29.70
11	24.86	25.81	26.72	27.39	27.63	27.37	27.70	28.16	28.70	29.29	29.65	29.72
12	24.86	25.89	26.74	27.45	27.59	27.36	27.74	28.18	28.72	29.32	29.66	29.74
13	24.87	25.94	26.79	27.43	27.66	27.38	27.73	28.19	28.76	29.34	29.67	29.77
14	24.90	25.98	26.84	27.40	27.66	27.36	27.71	28.22	28.78	29.35	29.68	29.77
15	24.94	25.98	26.85	27.50	27.63	27.42	27.69	28.22	28.80	29.36	29.67	29.76
16	25.00	26.00	26.86	27.52	27.64	27.40	27.74	28.21	28.80	29.38	29.68	29.76
17	25.05	26.05	26.87	27.42	27.65	27.34	27.80	28.20	28.83	29.41	29.66	29.78
18	25.07	26.04	26.88	27.46	27.66	27.41	27.84	28.27	28.84	29.43	29.68	29.80
19	25.10	26.06	26.90	27.52	27.60	27.44	27.83	28.31	28.87	29.45	29.70	29.80
20	25.13	26.18	26.93	27.59	27.60	27.42	27.84	28.32	28.90	29.45	29.70	29.81
21	25.18	26.23	26.94	27.62	27.63	27.40	27.86	28.33	28.92	29.47	29.70	29.81
22	25.21	26.24	26.97	27.62	27.60	27.38	27.87	28.33	28.94	29.48	29.71	29.83
23	25.25	26.23	27.02	27.63	27.55	27.39	27.88	28.34	28.96	29.51	29.72	29.84
24	25.29	26.26	27.02	27.62	27.53	27.39	27.88	28.37	28.97	29.54	29.70	29.85
25	25.33	26.30	27.09	27.65	27.53	27.47	27.90	28.39	28.98	29.55	29.70	29.87
26	25.35	26.35	27.13	27.74	27.51	27.51	27.93	28.41	29.00	29.56	29.73	29.86
27	25.37	26.35	27.12	27.70	27.51	27.46	27.94	28.42	29.03	29.57	29.74	29.90
28	25.40	26.34	27.13	27.69	27.52	27.44	27.95	28.44	29.04	29.60	29.72	29.94
29	25.43	26.41	27.14	27.77	---	27.45	27.98	28.46	29.06	29.61	29.70	29.95
30	25.48	26.43	27.17	27.79	---	27.46	28.00	28.49	29.09	29.62	29.67	29.95
31	25.53	---	27.20	27.76	---	27.46	---	28.49	---	29.62	29.67	---
MEAN	25.02	25.99	26.85	27.49	27.66	27.43	27.75	28.24	28.80	29.38	29.67	29.78
MAX	25.53	26.43	27.20	27.79	27.86	27.51	28.00	28.49	29.09	29.62	29.74	29.95
MIN	24.54	25.54	26.50	27.20	27.51	27.34	27.47	28.00	28.51	29.12	29.61	29.68

CAL YR 1984 MEAN 26.36 MAX 30.05 MIN 24.01
WTR YR 1985 MEAN 27.84 MAX 29.95 MIN 24.54



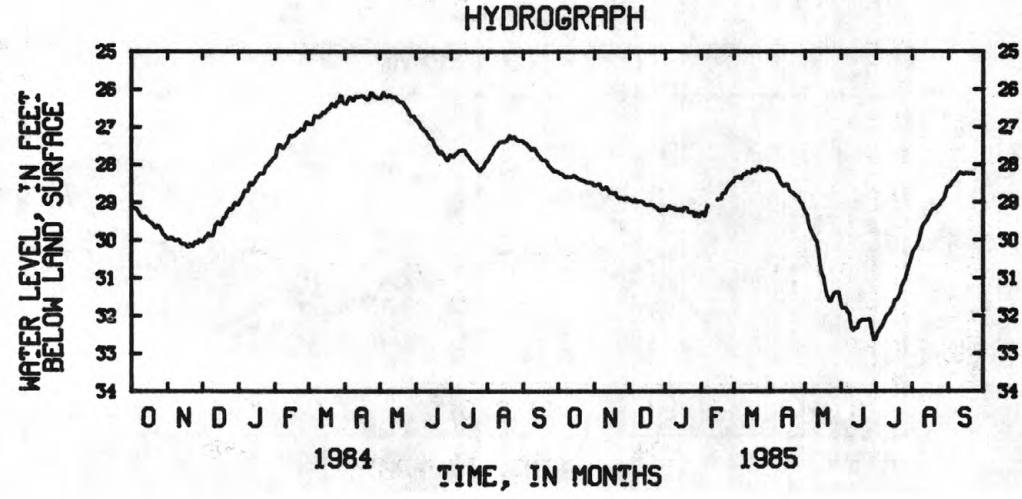
HAMPTON COUNTY

325005081122800. Local number, HAM-82.
LOCATION.--Lat 32°50'05", long 81°12'28", Hydrologic Unit 03050208, at the intersection of State Hwy. 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.80 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--February 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 25.43 below land-surface datum, Apr. 24, 1983; lowest, 32.65 ft below land-surface datum June 29, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.19	28.57	28.93	29.20	29.28	28.41	28.12	29.25	31.73	32.59	30.36	28.59
2	28.23	28.54	28.95	29.20	29.26	28.34	28.13	29.29	31.81	32.48	30.27	28.58
3	28.24	28.54	28.95	29.14	29.34	28.36	28.15	29.35	31.78	32.42	30.24	28.53
4	28.25	28.51	28.99	29.09	29.37	28.34	28.17	29.55	31.79	32.37	30.18	28.48
5	28.27	28.50	28.95	29.12	29.23	28.31	28.19	29.67	31.82	32.32	30.14	28.44
6	28.32	28.56	28.92	29.17	29.08	28.35	28.22	29.75	31.87	32.28	30.05	28.40
7	28.34	28.64	28.99	29.13	29.13	28.38	28.28	29.81	31.92	32.21	29.98	28.37
8	28.32	28.66	28.98	29.14	---	28.31	28.34	29.88	31.94	32.14	29.82	28.34
9	28.31	28.65	28.98	29.20	---	28.25	28.40	29.95	32.18	32.06	29.70	28.28
10	28.32	28.61	28.97	29.20	---	28.26	28.48	30.01	32.35	32.00	29.61	28.24
11	28.33	28.59	28.97	29.17	---	28.25	28.52	30.04	32.40	31.97	29.56	28.21
12	28.33	28.65	28.98	29.22	---	28.19	28.57	30.19	32.35	31.94	29.52	28.22
13	28.31	28.70	29.00	29.22	---	28.21	28.58	30.42	32.33	31.91	29.49	28.24
14	28.29	28.75	29.05	29.17	---	28.20	28.53	30.66	32.34	31.83	29.44	28.26
15	28.29	28.76	29.07	29.19	28.92	28.22	28.52	30.85	32.32	31.77	29.37	28.25
16	28.33	28.74	29.07	29.24	28.91	28.21	28.52	30.94	32.19	31.72	29.31	28.22
17	28.36	28.78	29.07	29.14	28.91	28.12	28.63	31.01	32.15	31.59	29.25	28.22
18	28.37	28.77	29.07	29.13	28.90	28.14	28.71	31.18	32.14	31.57	29.19	28.24
19	28.38	28.74	29.06	29.15	28.77	28.18	28.73	31.36	32.11	31.56	29.18	28.25
20	28.40	28.83	29.06	29.17	28.76	28.16	28.73	31.47	32.11	31.52	29.17	28.24
21	28.41	28.89	29.07	29.26	28.76	28.11	28.78	31.54	32.11	31.44	29.15	28.23
22	28.41	28.90	29.08	29.25	28.71	28.06	28.80	31.63	32.12	31.37	29.12	28.24
23	28.42	28.88	29.12	29.26	28.63	28.07	28.83	31.62	32.11	31.20	29.10	28.27
24	28.45	28.88	29.12	29.26	28.58	28.06	28.85	31.56	32.10	31.15	29.06	---
25	28.47	28.90	29.15	29.25	28.54	28.11	28.86	31.46	32.08	31.07	29.01	---
26	28.48	28.92	29.21	29.37	28.51	28.16	28.93	31.41	32.15	31.02	28.97	---
27	28.47	28.93	29.22	29.37	28.47	28.15	29.00	31.39	32.35	30.90	28.93	---
28	28.47	28.88	29.21	29.28	28.47	28.11	29.02	31.39	32.50	30.79	28.91	---
29	28.47	28.89	29.19	29.35	---	28.10	29.08	31.37	32.65	30.67	28.82	---
30	28.49	28.90	29.19	29.39	---	28.11	29.18	31.39	32.64	30.59	28.70	---
31	28.54	---	29.20	29.30	---	28.11	---	31.55	---	30.47	28.59	---
MEAN	28.36	28.74	29.06	29.22	---	28.20	28.59	30.68	32.15	31.64	29.43	---
MAX	28.54	28.93	29.22	29.39	---	28.41	29.18	31.63	32.65	32.59	30.36	---
MIN	28.19	28.50	28.92	29.09	---	28.06	28.12	29.25	31.73	30.47	28.59	---

CAL YR 1984 MEAN 27.62 MAX 29.22 MIN 26.07



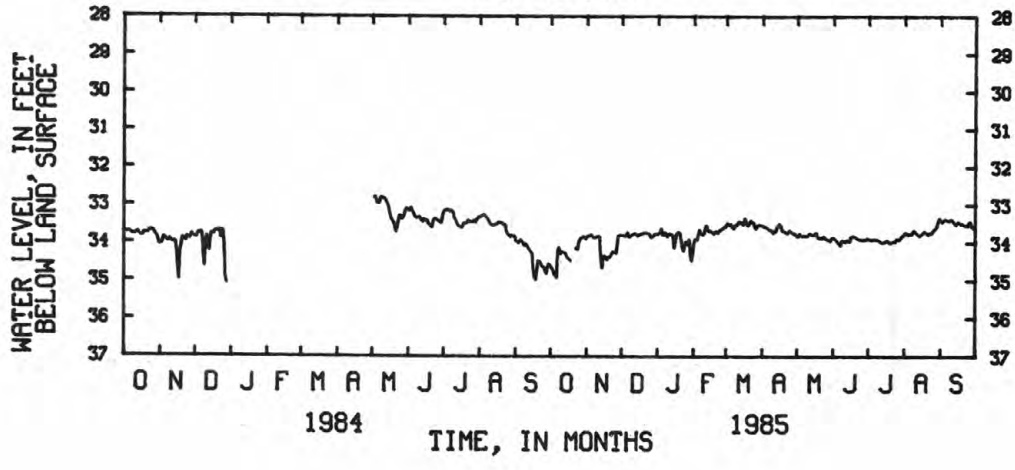
HAMPTON COUNTY

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. Hwy. 17A-21 in Yemassee.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee 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.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.
PERIOD OF RECORD.--May 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 36.48 ft below land-surface datum, Jan. 4, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.63	33.84	33.81	33.76	34.01	33.51	33.53	33.84	33.87	33.91	33.74	33.40
2	34.70	33.82	33.81	33.74	33.90	33.47	33.58	33.82	33.89	33.92	33.72	33.45
3	34.74	33.81	33.81	33.74	33.93	33.52	33.58	33.75	33.92	33.91	33.78	33.41
4	34.86	33.79	33.83	33.61	33.91	33.53	33.59	33.81	33.95	33.93	33.78	33.39
5	34.87	33.79	33.78	33.80	33.77	33.49	33.61	33.83	34.00	33.91	33.77	33.37
6	34.93	33.83	33.72	33.79	33.65	33.58	33.64	33.81	34.04	33.90	33.77	33.39
7	34.20	33.87	33.85	33.72	33.75	33.63	33.66	33.82	34.08	33.92	33.77	33.40
8	34.12	33.86	33.83	33.74	33.79	33.56	33.65	33.83	33.94	33.92	33.69	33.42
9	34.30	33.84	33.82	33.84	33.77	33.51	33.70	33.83	33.93	33.93	33.67	33.38
10	34.25	33.84	33.78	33.81	33.73	33.54	33.75	33.82	33.96	33.94	33.70	33.39
11	34.24	33.82	33.77	33.75	33.61	33.47	33.68	33.76	33.98	33.98	33.74	33.38
12	34.27	33.84	33.75	33.78	33.53	33.42	33.71	33.76	33.93	33.99	33.77	33.44
13	34.26	34.37	33.76	33.78	33.67	33.48	33.64	33.78	33.94	34.00	33.81	33.47
14	34.30	34.68	33.82	33.81	33.71	33.45	33.55	33.80	33.96	33.99	33.81	33.52
15	34.39	34.40	33.82	34.14	33.67	33.52	33.49	33.80	33.96	33.96	33.78	33.47
16	34.43	34.34	33.78	33.96	33.71	33.48	33.51	33.77	33.83	33.96	33.75	33.44
17	34.44	34.42	33.77	33.77	33.72	33.34	33.59	33.72	33.83	33.92	33.72	33.46
18	34.49	34.46	33.77	33.72	33.77	33.44	33.69	33.80	33.82	33.98	33.69	33.50
19	---	34.38	33.75	33.72	33.71	33.54	33.69	33.88	33.83	34.01	33.73	33.49
20	---	34.39	33.74	33.74	33.69	33.52	33.71	33.88	33.85	34.00	33.76	33.49
21	---	34.36	33.74	33.91	33.74	33.47	33.73	33.87	33.88	33.98	33.79	33.52
22	---	34.32	33.73	34.12	33.72	33.40	33.75	33.89	33.90	33.97	33.73	33.53
23	34.15	34.24	33.76	34.22	33.67	33.45	33.72	33.84	33.91	33.98	33.74	33.53
24	34.18	34.25	33.76	34.08	33.64	33.45	33.67	33.83	33.92	33.96	33.75	33.54
25	33.97	34.27	33.78	33.97	33.63	33.54	33.69	33.90	33.91	33.89	33.69	33.49
26	33.90	34.28	33.86	34.05	33.61	33.63	33.73	33.90	33.94	33.92	33.65	33.43
27	33.87	34.06	33.84	33.98	33.58	33.58	33.76	33.93	33.92	33.91	33.62	33.46
28	33.85	33.80	33.82	33.90	33.59	33.53	33.74	33.93	33.91	33.89	33.59	33.58
29	33.84	33.80	33.78	34.32	---	33.52	33.76	33.96	33.92	33.84	33.53	33.61
30	33.84	33.80	33.77	34.48	---	33.53	33.82	33.89	33.88	33.80	33.41	33.58
31	33.90	---	33.78	34.30	---	33.54	---	33.87	---	33.80	33.34	---
MEAN	---	34.09	33.79	33.90	33.72	33.50	33.66	33.84	33.92	33.93	33.70	33.46
MAX	---	34.68	33.86	34.48	34.01	33.63	33.82	33.96	34.08	34.01	33.81	33.61
MIN	---	33.79	33.72	33.61	33.53	33.34	33.49	33.72	33.82	33.80	33.34	33.37

HYDROGRAPH

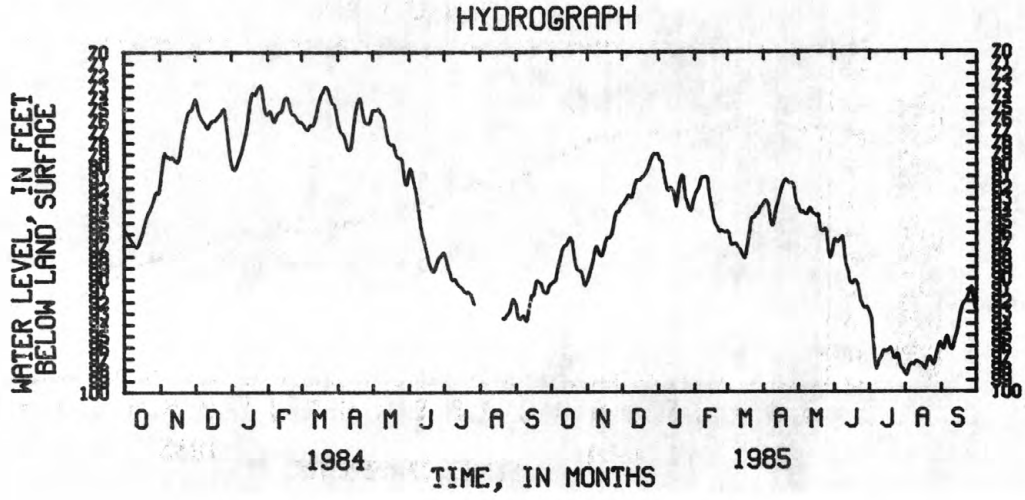


334747078435400. Local number, HO-269.
LOCATION.--Lat 33°47'47", long 78°43'54", Hydrologic Unit 03040207, Windy Hill Park.
Owner: City of North Myrtle Beach.
AQUIFER.--Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 416 ft, screens located at unknown intervals below 201 ft. 1982 geophysical logs, data source.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.
REMARKS.--Previously published as HO-433. Aug, 1982 geophysical logs available in District Files.
PERIOD OF RECORD.--June 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 98.55 ft below land-surface datum, Aug. 2, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90.38	90.18	83.41	79.08	82.68	85.79	83.30	83.58	86.51	92.93	98.42	95.82
2	90.29	89.83	83.34	79.56	82.36	85.89	83.13	83.94	86.51	93.20	98.55	96.18
3	90.18	89.44	83.15	79.60	82.18	86.41	83.11	84.18	86.76	93.55	98.21	96.23
4	90.19	89.05	83.00	79.67	82.04	86.98	83.17	84.07	86.73	95.05	97.85	95.71
5	89.95	88.72	82.82	80.45	81.71	86.95	83.39	84.08	86.60	96.25	97.62	95.22
6	89.33	88.33	82.60	81.04	81.22	86.94	84.03	84.25	86.51	97.50	97.48	95.03
7	88.82	87.75	82.64	81.54	81.04	86.90	84.84	84.27	86.37	97.98	97.49	95.27
8	88.45	87.21	82.82	82.06	81.04	86.87	85.31	84.32	86.24	97.66	97.60	95.85
9	88.01	87.09	82.82	82.27	81.00	86.96	85.27	84.18	86.98	97.31	97.47	96.20
10	87.57	87.28	82.47	82.06	81.00	87.20	84.79	83.87	88.18	97.08	97.29	96.27
11	87.25	87.61	81.98	81.95	81.04	87.31	84.11	83.73	88.76	96.98	97.28	96.09
12	87.08	87.91	81.62	82.03	81.16	87.41	83.67	83.92	89.07	96.65	97.35	95.62
13	87.00	87.96	81.31	82.20	82.13	87.71	83.35	84.23	89.45	96.37	97.40	95.16
14	86.90	87.84	81.25	82.44	82.89	87.92	82.99	84.24	90.11	96.36	97.49	94.86
15	86.77	87.47	81.28	83.07	83.43	88.12	82.56	84.31	90.39	96.41	97.51	94.40
16	86.50	87.04	81.25	83.62	83.92	88.18	82.15	84.48	90.43	96.38	97.60	93.79
17	86.31	86.60	81.15	82.96	84.59	87.74	81.81	84.34	90.35	96.33	97.83	93.14
18	86.42	86.35	81.02	82.10	85.00	87.13	81.53	84.31	90.14	96.19	97.97	92.68
19	86.71	86.33	80.94	81.47	85.23	86.53	81.34	85.03	90.13	96.08	97.76	92.35
20	87.47	86.32	80.84	81.13	85.39	85.79	81.23	85.74	90.26	96.19	97.33	92.14
21	88.25	86.21	80.66	80.85	85.56	85.05	81.33	85.83	90.51	96.61	96.97	92.01
22	88.82	86.03	80.48	80.97	85.86	84.57	81.50	85.72	91.08	96.99	96.88	91.94
23	89.12	85.52	80.28	81.97	85.73	84.59	81.57	85.69	91.66	97.07	97.01	91.76
24	89.24	84.87	79.92	82.94	85.72	84.60	81.60	85.57	92.07	96.96	97.35	91.46
25	89.31	84.36	79.60	83.11	85.80	84.33	81.56	85.70	92.26	96.62	97.59	91.15
26	89.28	84.06	79.35	83.44	85.86	84.20	81.57	86.59	92.51	96.68	97.46	90.80
27	89.39	84.10	79.09	83.82	85.89	84.26	81.90	87.71	92.60	97.24	97.02	90.68
28	89.79	84.01	78.96	83.99	85.84	84.04	82.68	88.14	92.50	97.73	96.55	91.41
29	90.42	83.74	78.98	83.92	---	83.70	83.30	87.96	92.49	97.95	96.14	92.12
30	90.59	83.52	79.05	83.43	---	83.61	83.45	87.64	92.67	97.96	95.79	92.66
31	90.32	---	78.93	82.96	---	83.52	---	86.98	---	98.23	95.59	---
MEAN	88.58	86.76	81.19	81.99	83.48	86.04	82.85	85.12	89.56	96.53	97.35	93.80
MAX	90.59	90.18	83.41	83.99	85.89	88.18	85.31	88.14	92.67	98.23	98.55	96.27
MIN	86.31	83.52	78.93	79.08	81.00	83.52	81.23	83.58	86.24	92.93	95.59	90.68

WTR YR 1985 MEAN 87.80 MAX 98.55 MIN 78.93

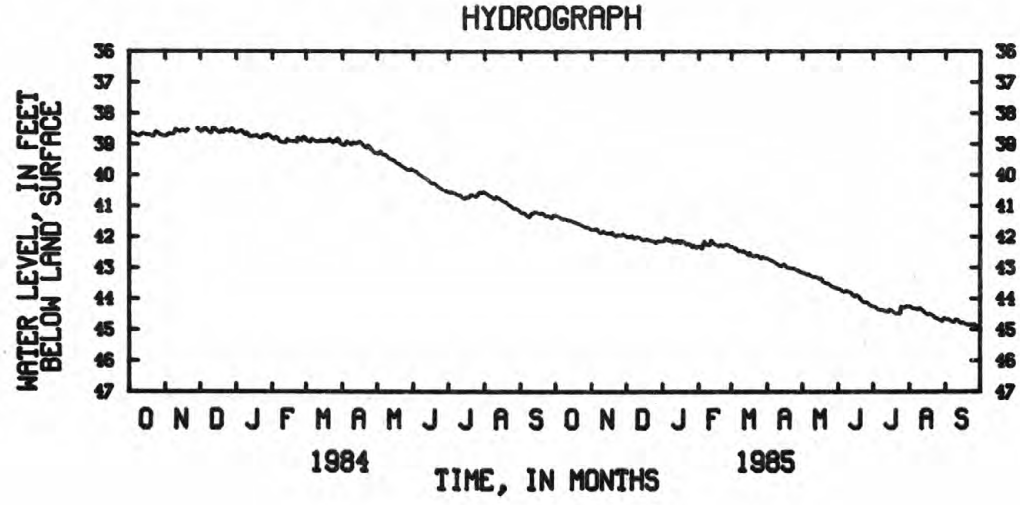


335115079033500. Local number, HO-307.
LOCATION.--Lat 33°50'58'', long 79°03'27'', Hydrologic Unit 03040206, 0.75 mi northeast from Intersection 701 and 501, at Collins Park in Conway.
Owner: City of Conway.
AQUIFER.--Sands of Pee Dee and Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 438 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.
PERIOD OF RECORD.--May 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 44.95 ft below land-surface datum, Sept. 29, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.28	41.78	42.00	42.14	42.32	42.32	42.70	43.17	43.68	44.27	44.25	44.67
2	41.33	41.76	42.02	42.13	42.30	42.32	42.72	43.18	43.71	44.27	44.26	44.68
3	41.34	41.79	41.98	42.08	42.37	42.36	42.74	43.17	43.72	44.29	44.31	44.67
4	41.35	41.75	42.02	42.03	42.38	42.36	42.78	43.22	43.75	44.31	44.32	44.68
5	41.39	41.73	42.00	42.08	42.26	42.35	42.79	43.23	43.78	44.35	44.32	44.71
6	41.42	41.77	41.96	42.13	42.14	42.43	42.80	43.22	43.79	44.37	44.33	44.74
7	41.44	41.84	42.05	42.08	42.21	42.48	42.83	43.21	43.77	44.37	44.34	44.76
8	41.42	41.87	42.04	42.10	42.27	42.46	42.85	43.26	43.75	44.37	44.35	44.77
9	41.42	41.87	42.03	42.18	42.27	42.46	42.87	43.29	43.77	44.37	44.31	44.71
10	41.44	41.84	42.01	42.16	42.28	42.48	42.91	43.31	43.79	44.40	44.31	44.68
11	41.46	41.81	42.01	42.15	42.21	42.48	42.93	43.30	43.81	44.42	44.34	44.70
12	41.47	41.85	42.03	42.18	42.10	42.45	42.95	43.31	43.81	44.40	44.37	44.70
13	41.47	41.88	42.05	42.17	42.18	42.51	42.96	43.31	43.86	44.44	44.41	44.77
14	41.47	41.90	42.09	42.11	42.23	42.52	42.92	43.32	43.92	44.42	44.45	44.80
15	41.49	41.90	42.10	42.16	42.24	42.58	42.90	43.36	43.94	44.35	44.48	44.79
16	41.52	41.87	42.10	42.22	42.27	42.61	42.90	43.36	43.90	44.37	44.51	44.78
17	41.54	41.91	42.09	42.13	42.29	42.52	42.96	43.34	43.90	44.39	44.52	44.79
18	41.55	41.89	42.09	42.14	42.32	42.56	43.01	43.39	43.92	44.42	44.49	44.82
19	41.56	41.85	42.09	42.16	42.29	42.63	43.01	43.47	43.95	44.47	44.51	44.84
20	41.57	41.93	42.10	42.18	42.26	42.63	43.01	43.50	44.01	44.48	44.53	44.85
21	41.59	41.98	42.12	42.25	42.31	42.64	43.03	43.50	44.06	44.48	44.55	44.85
22	41.60	41.98	42.12	42.23	42.31	42.60	43.03	43.52	44.10	44.48	44.58	44.85
23	41.62	41.95	42.15	42.23	42.29	42.61	43.03	43.52	44.12	44.49	44.63	44.85
24	41.64	41.94	42.14	42.24	42.26	42.61	43.04	43.54	44.12	44.48	44.65	44.85
25	41.67	41.95	42.16	42.24	42.26	42.66	43.05	43.57	44.12	44.26	44.65	44.86
26	41.69	41.96	42.21	42.33	42.27	42.71	43.09	43.60	44.13	44.29	44.68	44.83
27	41.69	41.96	42.17	42.33	42.28	42.69	43.10	43.62	44.17	44.29	44.70	44.85
28	41.70	41.91	42.15	42.28	42.33	42.65	43.10	43.63	44.21	44.29	44.72	44.93
29	41.70	41.94	42.14	42.33	---	42.68	43.13	43.66	44.23	44.25	44.74	44.95
30	41.72	41.96	42.14	42.36	---	42.70	43.17	43.68	44.24	44.25	44.68	44.93
31	41.77	---	42.15	42.31	---	42.70	---	43.68	---	44.26	44.63	---
MEAN	41.53	41.88	42.08	42.19	42.27	42.54	42.94	43.40	43.93	44.37	44.48	44.79
MAX	41.77	41.98	42.21	42.36	42.38	42.71	43.17	43.68	44.24	44.49	44.74	44.95
MIN	41.28	41.73	41.96	42.03	42.10	42.32	42.70	43.17	43.68	44.25	44.25	44.67

WTR YR 1985 MEAN 43.04 MAX 44.95 MIN 41.28

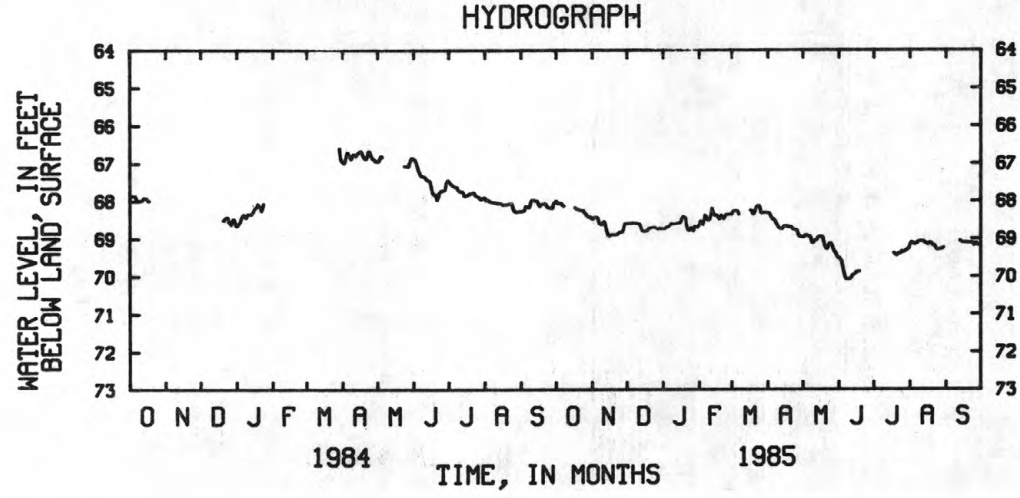


JASPER COUNTY

323111080592000. Local number, JAS-144.
LOCATION.--Lat 32°31'11", long 80°59'20", Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Hwy. 17.
Owner: Ted Roach
AQUIFER.--Hawthorn Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.6 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--February 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 64.78 ft below land-surface datum, Apr. 15, 1975; lowest, 70.08 ft below land-surface datum, June 7, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

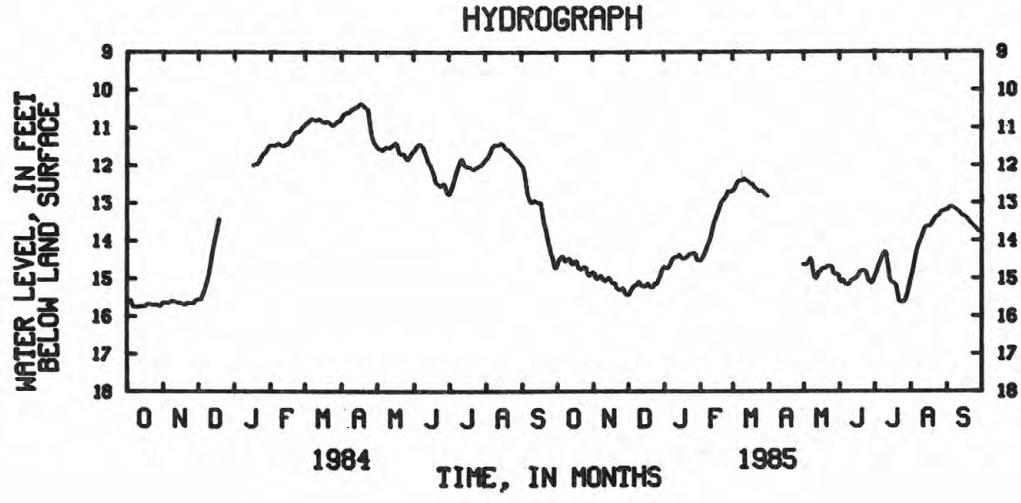
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67.99	68.48	68.59	68.73	68.64	68.35	68.32	68.96	69.51	---	69.18	---
2	68.05	68.44	68.59	68.73	68.52	68.27	68.33	68.96	69.55	---	69.09	---
3	68.06	68.42	68.59	68.72	68.56	68.25	68.38	68.91	69.58	---	69.11	---
4	68.05	68.42	68.59	68.69	68.63	68.26	68.44	68.91	69.71	---	69.14	---
5	68.06	68.42	68.59	68.68	68.53	68.26	68.48	68.93	69.87	---	69.15	---
6	68.09	68.48	68.58	68.68	68.37	68.28	68.50	68.94	69.99	---	69.14	---
7	68.13	68.60	68.59	68.64	68.42	68.36	68.53	68.94	70.08	---	69.13	---
8	68.13	68.62	68.59	68.59	68.51	---	68.59	69.01	70.07	---	69.08	---
9	---	68.62	68.59	68.60	68.52	---	68.65	69.12	70.07	---	69.07	---
10	---	68.58	68.60	68.61	68.50	---	68.71	69.11	70.07	---	69.06	---
11	---	68.53	68.60	68.60	68.36	---	68.73	69.05	70.07	---	69.06	---
12	---	68.61	68.63	68.59	68.18	---	68.74	69.04	70.02	---	69.06	---
13	---	68.75	68.71	68.59	68.31	---	68.75	69.03	69.96	---	69.09	69.06
14	---	68.86	68.79	68.59	68.39	---	68.70	68.96	69.95	---	69.12	69.09
15	---	68.92	68.80	68.57	68.37	---	68.66	68.94	69.93	---	69.13	69.10
16	---	68.92	68.80	68.59	68.38	---	68.66	68.95	69.88	---	69.16	69.10
17	68.18	68.90	68.80	68.46	68.44	68.25	68.66	68.95	69.88	---	69.14	69.10
18	68.21	68.89	68.79	68.41	68.49	68.26	68.68	68.96	69.88	69.39	69.11	69.10
19	68.21	68.89	68.75	68.42	68.45	68.35	68.69	69.09	69.87	69.41	69.12	69.10
20	68.22	68.89	68.72	68.43	68.37	68.34	68.69	69.21	---	69.45	69.16	69.11
21	68.24	68.89	68.71	68.66	68.46	68.26	68.70	69.27	---	69.44	69.18	69.11
22	68.24	68.89	68.70	68.76	68.47	68.16	68.74	69.28	---	69.40	69.19	69.11
23	68.24	68.87	68.70	68.79	68.42	68.13	68.76	69.20	---	69.38	69.24	69.11
24	68.25	68.84	68.69	68.76	68.36	68.12	68.76	69.12	---	69.40	69.30	69.12
25	68.30	68.82	68.69	68.70	68.35	68.18	68.76	69.13	---	69.33	69.29	69.18
26	68.33	68.82	68.72	68.77	68.35	68.32	68.80	69.18	---	69.36	69.29	69.16
27	68.37	68.82	68.74	68.80	68.35	68.33	68.89	69.26	---	69.34	69.28	69.11
28	68.42	68.75	68.74	68.67	68.35	68.31	68.95	69.36	---	69.34	69.27	69.16
29	68.41	68.60	68.73	68.68	---	68.31	68.95	69.37	---	69.30	69.27	69.18
30	68.41	68.59	68.73	68.71	---	68.31	68.96	69.45	---	69.28	69.23	69.18
31	68.45	---	68.73	68.66	---	68.31	---	69.51	---	69.27	---	---
MEAN	---	68.70	68.68	68.64	68.43	---	68.67	69.10	---	---	---	---
MAX	---	68.92	68.80	68.80	68.64	---	68.96	69.51	---	---	---	---
MIN	---	68.42	68.58	68.41	68.18	---	68.32	68.91	---	---	---	---



341405080110100. Local number, LE-23.
LOCATION.--Lat 34°14'05'', long 80°11'01'', Hydrologic Unit 03040202, 395 ft east and 450 ft north of the cemetery near Wayside Church and SC-31-22 near Bishopville.
Owner: Robert W. Merck.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 350 ft, cased to 350 ft. Open hole.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3 ft above land-surface datum.
REMARKS.-June 3, 1977, Gamma logged to 350 ft. April, 1980, Gamma logged to 338 ft. Pump test data available in District files. Water-level affected by near by irrigation well.
PERIOD OF RECORD.--June 1980 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 9.32 ft below land-surface datum, Apr. 26, 1983; lowest, 17.37 ft below land-surface datum, June 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.64	14.83	15.43	14.68	14.52	12.66		14.64	15.05	14.95	14.99	13.19
2	14.55	14.85	15.40	14.72	14.50	12.64		14.63	15.11	14.87	14.87	13.16
3	14.49	14.98	15.33	14.73	14.45	12.59		14.63	15.06	14.78	14.73	13.12
4	14.44	15.02	15.27	14.71	14.38	12.52		14.61	15.04	14.69	14.57	13.10
5	14.41	14.98	15.22	14.68	14.31	12.45		14.56	15.11	14.61	14.40	13.11
6	14.40	14.95	15.19	14.63	14.23	12.41		14.51	15.16	14.53	14.26	13.12
7	14.50	14.93	15.17	14.56	14.15	12.40		14.46	15.17	14.45	14.15	13.14
8	14.55	14.93	15.16	14.49	14.08	12.40		14.58	15.18	14.38	14.07	13.17
9	14.51	15.00	15.13	14.45	14.00	12.40		14.77	15.15	14.32	14.00	13.19
10	14.48	15.06	15.08	14.44	13.89	12.38		14.95	15.11	14.29	13.93	13.21
11	14.47	15.07	15.11	14.42	13.75	12.35		15.01	15.06	14.36	13.84	13.23
12	14.47	15.03	15.20	14.42	13.61	12.39		14.99	15.04	14.56	13.74	13.26
13	14.57	15.00	15.20	14.40	13.50	12.41		14.93	15.02	14.79	13.67	13.29
14	14.63	14.98	15.20	14.36	13.42	12.43		14.83	15.01	15.01	13.63	13.33
15	14.59	14.98	15.20	14.42	13.34	12.45		14.82	14.99	15.10	13.62	13.36
16	14.55	15.05	15.20	14.47	13.26	12.48		14.78	14.96	15.12	13.61	13.37
17	14.54	15.11	15.16	14.48	13.17	12.50		14.75	14.91	15.13	13.62	13.38
18	14.54	15.14	15.13	14.47	13.07	12.49		14.73	14.85	15.15	13.60	13.40
19	14.68	15.12	15.20	14.46	12.99	12.56		14.73	14.81	15.17	13.55	13.44
20	14.75	15.12	15.23	14.44	12.94	12.61		14.71	14.80	15.30	13.49	13.48
21	14.76	15.25	15.23	14.41	12.90	12.63		14.69	14.80	15.49	13.45	13.53
22	14.74	15.29	15.22	14.38	12.87	12.66		14.68	14.80	15.62	13.40	13.56
23	14.71	15.30	15.18	14.35	12.82	12.69		14.68	14.81	15.64	13.37	13.59
24	14.69	15.30	15.12	14.35	12.76	12.69		14.68	14.88	15.64	13.35	13.62
25	14.69	15.28	15.15	14.34	12.68	12.68		14.68	15.01	15.63	13.33	13.65
26	14.71	15.26	15.11	14.34	12.71	12.68		14.77	15.09	15.62	13.28	13.68
27	14.87	15.26	15.03	14.32	12.70	12.70		14.89	15.12	15.58	13.24	13.72
28	14.93	15.39	14.95	14.37	12.68	12.75		14.90	15.13	15.51	13.22	13.76
29	14.91	15.43	14.88	14.51	---	12.78		14.89	15.10	15.39	13.21	13.78
30	14.87	15.43	14.80	14.53	---	12.81		14.89	15.03	15.26	13.20	13.78
31	14.84	---	14.73	14.53	---	12.84		14.92	---	15.13	13.19	---
MEAN	14.63	15.11	15.15	14.48	13.49	12.56		14.75	15.01	15.03	13.76	13.39
MAX	14.93	15.43	15.43	14.73	14.52	12.84		15.01	15.18	15.64	14.99	13.78
MIN	14.40	14.83	14.73	14.32	12.68	12.35		14.46	14.80	14.29	13.19	13.10

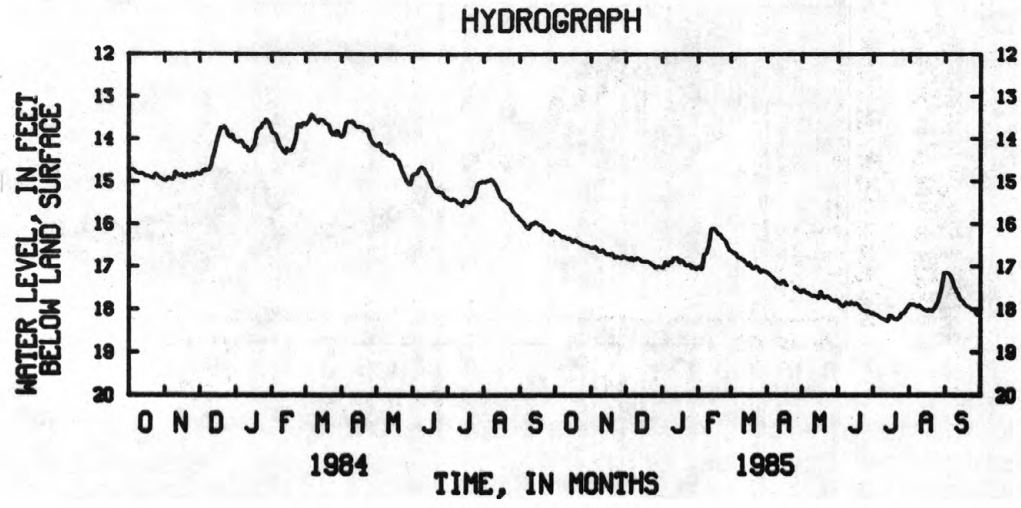


335143079195000. Local number, MN-77.
LOCATION.--Lat 33°51'43", long 79°19'50", Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway.
Owner: U.S. Geological Survey; on property owned by South Carolina Forestry Commission.
AQUIFER.--Sands of the 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.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.15 ft above land-surface datum.
REMARKS.--Record estimated May 31, 1984. Water-quality data available in District files.
PERIOD OF RECORD.--July 1982 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 18.29 ft below land-surface datum, July 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.17	16.57	16.80	17.03	17.03	16.64	17.14	17.57	17.82	18.09	17.90	17.15
2	16.21	16.55	16.82	17.03	17.00	16.65	17.17	17.57	17.86	18.12	17.88	17.15
3	16.22	16.57	16.81	16.96	17.06	16.69	17.19	17.56	17.89	18.13	17.90	17.15
4	16.24	16.54	16.85	16.89	17.06	16.69	17.22	17.61	17.92	18.14	17.89	17.17
5	16.26	16.54	16.82	16.94	16.90	16.68	17.24	17.63	17.94	18.16	17.89	17.20
6	16.30	16.58	16.79	16.98	16.71	16.75	17.26	17.64	17.91	18.18	17.91	17.25
7	16.31	16.64	16.86	16.91	16.70	16.80	17.30	17.63	17.90	18.20	17.93	17.31
8	16.30	16.66	16.84	16.89	16.68	16.79	17.32	17.67	17.84	18.21	17.94	17.40
9	16.30	16.65	16.84	16.91	16.60	16.80	17.35	17.68	17.87	18.23	17.92	17.50
10	16.32	16.63	16.81	16.86	16.50	16.84	17.39	17.70	17.89	18.24	17.91	17.54
11	16.35	16.61	16.81	16.80	16.32	16.85	17.39	17.69	17.89	18.26	17.94	17.62
12	16.35	16.65	16.82	16.82	16.11	16.84	17.41	17.69	17.84	18.26	17.97	17.63
13	16.34	16.69	16.84	16.81	16.10	16.90	17.40	17.70	17.85	18.29	18.00	17.72
14	16.35	16.72	16.88	16.79	16.11	16.91	17.35	17.72	17.88	18.26	18.02	17.78
15	16.38	16.72	16.89	16.86	16.11	16.97	17.34	17.75	17.89	18.15	18.03	17.80
16	16.42	16.70	16.89	16.92	16.15	16.99	17.36	17.71	17.86	18.16	18.04	17.81
17	16.40	16.73	16.89	16.85	16.19	16.91	17.42	17.59	17.88	18.16	18.05	17.85
18	16.38	16.72	16.89	16.86	16.25	16.98	17.46	17.65	17.89	18.20	18.01	17.89
19	16.39	16.69	16.89	16.88	16.24	17.05	---	17.72	17.92	18.23	18.03	17.92
20	16.41	16.75	16.90	16.92	16.24	17.05	---	17.74	17.96	18.24	18.05	17.94
21	16.43	16.80	16.92	16.98	16.31	17.04	---	17.72	18.00	18.25	18.04	17.95
22	16.45	16.79	16.92	16.97	16.35	17.01	---	17.71	18.02	18.23	18.00	17.97
23	16.46	16.77	16.96	16.97	16.37	17.01	---	17.70	18.04	18.19	17.98	17.99
24	16.48	16.77	16.96	16.96	16.39	17.02	---	17.72	18.05	18.20	17.93	18.01
25	16.50	16.79	16.99	16.95	16.45	17.08	17.51	17.75	18.05	18.11	17.87	18.03
26	16.50	16.81	17.04	17.04	16.52	17.14	17.54	17.78	18.05	18.10	17.82	18.01
27	16.51	16.81	17.02	17.03	16.57	17.12	17.56	17.80	18.05	18.08	17.71	18.05
28	16.51	16.76	17.01	17.00	16.64	17.10	17.56	17.81	18.08	18.08	17.61	18.13
29	16.52	16.77	17.00	17.05	---	17.11	17.60	17.82	18.10	18.02	17.50	18.14
30	16.54	16.78	17.01	17.07	---	17.13	17.61	17.80	18.11	17.98	17.32	18.14
31	16.56	---	17.03	17.03	---	17.13	---	17.80	---	17.94	17.15	---
MEAN	16.38	16.69	16.90	16.93	16.49	16.92	---	17.70	17.94	18.16	17.88	17.71
MAX	16.56	16.81	17.04	17.07	17.06	17.14	---	17.82	18.11	18.29	18.05	18.14
MIN	16.17	16.54	16.79	16.79	16.10	16.64	---	17.56	17.82	17.94	17.15	17.15

CAL YR 1984 MEAN 15.15 MAX 17.04 MIN 13.42

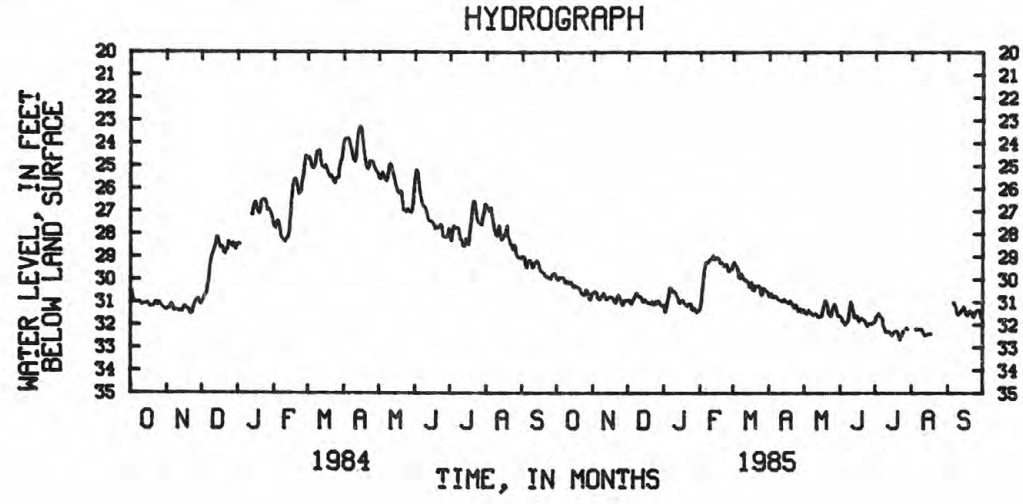


MARLBORO COUNTY

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.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.
REMARKS.--1957 water-quality data on file in District office.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 32.59 ft below land-surface datum, Oct. 9, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.00	30.59	30.93	31.12	31.25	29.33	30.75	31.36	31.65	31.83	---	---
2	30.04	30.54	30.88	31.43	30.95	29.22	30.72	31.50	31.68	31.62	---	---
3	29.92	30.54	31.04	31.24	30.35	29.36	30.61	31.52	31.87	31.56	---	---
4	29.91	30.59	31.09	30.96	29.84	29.41	30.78	31.46	31.85	31.48	---	---
5	29.94	30.82	30.91	30.76	29.39	29.55	30.78	31.33	32.00	31.64	32.19	---
6	29.90	30.89	30.82	30.35	29.23	29.92	30.72	31.43	31.91	31.65	32.19	31.05
7	29.95	30.84	30.74	30.36	29.27	29.97	30.75	31.47	31.88	31.72	32.21	31.16
8	30.15	30.76	30.59	30.54	29.20	29.74	30.82	31.57	31.76	32.05	32.20	31.22
9	30.17	30.70	30.62	30.55	29.13	29.84	30.89	31.55	31.27	32.16	32.19	31.54
10	30.06	30.60	30.74	30.52	29.09	29.96	30.91	31.52	30.97	32.33	32.19	31.57
11	30.17	30.70	30.76	30.60	29.05	30.05	30.92	31.50	31.13	32.29	32.34	31.45
12	30.18	30.88	30.78	30.73	28.94	29.99	30.98	31.55	31.38	32.30	32.46	31.44
13	30.12	30.85	30.90	30.82	29.12	30.11	30.91	31.67	31.69	32.29	32.45	31.34
14	30.17	30.82	31.00	31.05	29.06	30.09	30.85	31.62	31.69	32.39	32.42	31.30
15	30.34	30.77	30.87	31.02	29.03	30.35	30.99	31.62	31.58	32.46	32.40	31.18
16	30.35	30.76	30.94	30.95	29.04	30.33	30.95	31.60	31.66	32.39	32.40	31.38
17	30.28	30.83	31.01	30.89	29.10	30.11	31.04	31.36	31.86	32.32	32.40	31.57
18	30.34	30.78	31.04	31.03	29.29	30.48	31.03	31.15	31.74	32.28	32.37	31.59
19	30.35	30.96	31.02	31.06	29.26	30.50	30.93	30.91	31.71	32.26	---	31.46
20	30.39	31.04	31.08	31.15	29.28	30.27	30.99	30.97	31.73	32.28	---	31.37
21	30.47	30.92	31.07	31.18	29.42	30.32	31.08	31.17	31.79	32.46	---	31.39
22	30.59	30.73	30.96	31.07	29.37	30.30	31.24	31.52	31.81	32.66	---	31.49
23	30.68	30.67	31.11	31.08	29.32	30.27	31.20	31.60	31.94	32.48	---	31.67
24	30.66	30.80	31.09	31.05	29.40	30.32	31.11	31.62	32.06	32.45	---	31.58
25	30.68	30.91	30.96	31.34	29.65	30.68	31.21	31.36	31.96	32.26	---	31.41
26	30.45	31.13	31.07	31.35	29.63	30.66	31.41	31.20	31.93	---	---	31.35
27	30.50	31.09	30.93	31.24	29.50	30.37	31.33	31.07	31.96	---	---	31.37
28	30.65	30.91	30.98	31.36	29.55	30.41	31.28	31.20	31.95	32.17	---	31.32
29	30.89	30.90	31.10	31.46	---	30.51	31.45	31.43	31.88	32.18	---	31.49
30	30.85	30.91	31.17	31.37	---	30.51	31.32	31.61	31.89	---	---	31.71
31	30.63	---	31.19	31.36	---	30.59	---	31.57	---	---	---	---
MEAN	30.32	30.81	30.95	31.00	29.45	30.11	31.00	31.42	31.74	---	---	---
MAX	30.89	31.13	31.19	31.46	31.25	30.68	31.45	31.67	32.06	---	---	---
MIN	29.90	30.54	30.59	30.35	28.94	29.22	30.61	30.91	30.97	---	---	---

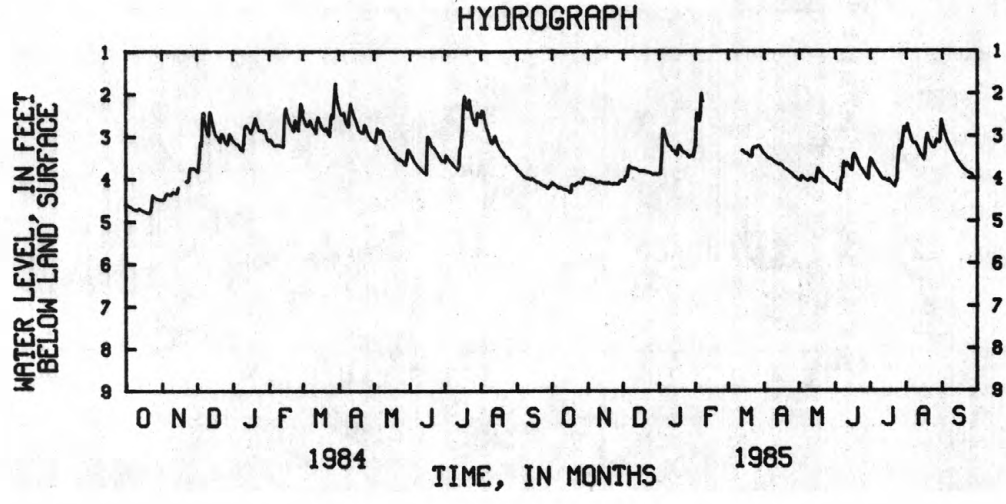


343715079411500. Local number, MLB-112.
LOCATION.--Lat 34°37'35", long 79°41'22", Hydrologic Unit 03040201, National Guard Armory in Bennettsville.
Owner: Town of Bennettsville.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 135 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.
REMARKS.--1971 Gamma and Caliper logged to 297 ft.
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, 5.29 ft below land-surface datum, Sept. 16, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.08	4.01	4.06	3.88	3.21	---	3.42	4.04	4.18	3.52	2.87	2.75
2	4.12	4.01	4.05	3.89	2.44	---	3.45	4.05	4.22	3.56	2.71	2.86
3	4.14	4.03	3.94	3.42	2.48	---	3.48	3.94	4.24	3.62	2.84	2.94
4	4.16	4.02	3.96	2.81	2.64	---	3.51	3.96	4.28	3.68	2.95	3.03
5	4.18	4.02	3.82	2.83	2.52	---	3.53	4.00	4.29	3.74	3.04	3.11
6	4.21	4.05	3.68	2.99	1.98	---	3.54	4.02	3.98	3.78	3.12	3.17
7	4.21	4.08	3.74	3.06	2.18	---	3.55	4.04	3.99	3.82	3.17	3.22
8	4.20	4.09	3.73	3.15	---	---	3.57	4.05	3.60	3.87	3.17	3.28
9	4.22	4.08	3.75	3.23	---	---	3.59	4.03	3.70	3.91	3.17	3.34
10	4.24	4.08	3.75	3.24	---	---	3.62	4.02	3.72	3.96	3.22	3.39
11	4.26	4.06	3.76	3.26	---	---	3.63	4.00	3.63	4.01	3.29	3.44
12	4.26	4.09	3.77	3.33	---	---	3.66	4.02	3.69	4.03	3.36	3.50
13	4.27	4.10	3.79	3.35	---	3.34	3.67	4.03	3.75	4.01	3.42	3.55
14	4.28	4.11	3.81	3.35	---	3.35	3.66	4.07	3.80	4.03	3.47	3.60
15	4.30	4.11	3.82	3.42	---	3.40	3.67	4.10	3.81	4.05	3.51	3.63
16	4.32	4.10	3.82	3.45	---	3.41	3.69	3.90	3.46	4.07	3.56	3.67
17	4.32	4.12	3.82	3.27	---	3.39	3.73	3.75	3.41	4.01	3.41	3.71
18	4.13	4.10	3.82	3.21	---	3.44	3.76	3.81	3.47	4.07	3.05	3.75
19	4.15	4.09	3.82	3.25	---	3.47	3.77	3.87	3.53	4.11	2.94	3.78
20	4.16	4.13	3.83	3.30	---	3.48	3.79	3.90	3.60	4.14	3.06	3.81
21	4.15	4.13	3.84	3.37	---	3.49	3.82	3.92	3.67	4.17	3.13	3.83
22	4.11	4.12	3.84	3.38	---	3.28	3.84	3.96	3.73	4.20	3.18	3.85
23	4.09	4.11	3.86	3.39	---	3.25	3.86	3.98	3.77	4.06	3.24	3.87
24	4.09	4.11	3.86	3.41	---	3.27	3.88	4.00	3.81	4.06	3.28	3.88
25	4.11	4.12	3.88	3.42	---	3.26	3.90	4.02	3.86	3.46	3.26	3.90
26	4.11	4.13	3.90	3.49	---	3.23	3.94	4.07	3.90	3.22	3.18	3.90
27	4.11	4.12	3.89	3.47	---	3.23	3.96	4.10	3.95	3.30	3.08	3.94
28	4.02	4.06	3.89	3.46	---	3.24	3.98	4.12	3.99	3.25	3.12	3.99
29	3.97	4.03	3.89	3.47	---	3.29	4.01	4.14	4.02	3.00	3.15	4.01
30	4.00	4.04	3.90	3.47	---	3.34	4.03	4.15	3.70	2.78	3.12	4.03
31	4.01	---	3.89	3.34	---	3.39	---	4.14	---	2.89	2.61	---
MEAN	4.16	4.08	3.84	3.33	---	---	3.72	4.01	3.82	3.75	3.15	3.56
MAX	4.32	4.13	4.06	3.89	---	---	4.03	4.15	4.29	4.20	3.56	4.03
MIN	3.97	4.01	3.68	2.81	---	---	3.42	3.75	3.41	2.78	2.61	2.75

CAL YR 1984 MEAN 3.35 MAX 4.32 MIN 1.74



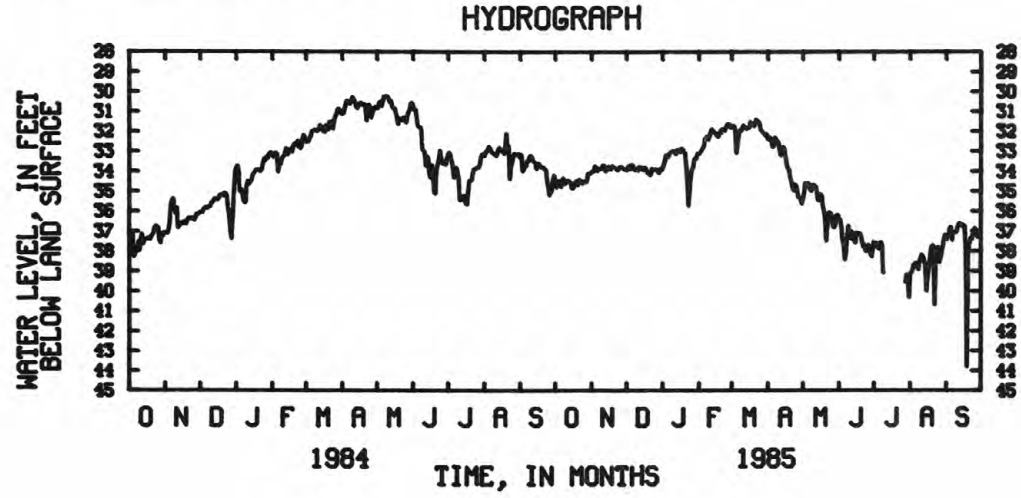
ORANGEBURG COUNTY

332649081072500. Local number, ORG-95.
LOCATION.--Lat 33°26'49", long 81°07'25", Hydrologic Unit 03050204, 40 ft east on First Street (SC-38-628) and 70 ft north of Saxton Street (SC-38-213) in Norway.
Owner: Town of Norway.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 250 ft, screened intervals 173-193, 200-220 228-238 ft, gravel finish.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.
REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft. Water-level affected by nearby pumpage.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 30.18 ft below land-surface datum, May 9, 1984; lowest, 43.84 ft below land-surface datum, Sept. 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.51	34.00	33.97	33.84	33.13	31.73	32.45	35.36	36.43	37.51	39.13	37.45
2	34.83	34.02	33.81	33.70	33.05	31.79	32.46	35.07	36.42	37.65	39.06	37.25
3	34.57	33.98	33.71	33.47	32.98	31.71	32.31	34.57	36.81	37.57	38.95	37.19
4	34.44	33.72	33.89	33.18	32.87	31.98	32.51	34.74	37.49	37.82	38.68	36.87
5	34.54	33.79	33.66	33.29	32.79	33.12	32.82	34.60	37.72	37.92	38.63	36.77
6	34.80	33.99	33.64	33.25	32.38	32.69	32.75	34.59	38.47	37.74	38.58	37.48
7	34.39	33.83	33.88	33.11	32.30	32.13	32.30	34.91	38.04	37.55	38.64	37.07
8	34.31	33.88	33.96	33.03	32.24	31.94	32.44	35.02	37.17	37.70	38.93	37.04
9	34.64	33.86	33.85	33.00	32.45	32.00	32.49	34.81	36.72	39.10	38.53	37.09
10	34.59	33.83	33.86	32.98	32.23	31.87	32.63	34.66	37.14	---	38.35	37.02
11	34.51	33.67	33.98	32.99	32.03	31.70	32.97	34.70	37.40	---	38.17	36.80
12	34.42	33.70	33.76	33.15	31.88	31.77	33.24	34.75	37.01	---	38.26	36.64
13	34.52	34.02	33.77	33.08	32.07	31.91	33.07	35.08	37.47	---	38.50	36.59
14	34.50	33.92	33.80	32.90	32.08	31.86	32.78	35.50	37.46	---	38.68	36.76
15	34.87	33.81	33.94	33.01	32.08	31.86	32.85	35.44	37.61	---	40.02	36.65
16	34.88	33.74	33.84	33.06	32.23	31.82	33.31	35.12	37.05	---	39.24	36.84
17	34.74	33.91	33.79	32.85	32.32	31.52	33.67	35.20	37.16	---	38.86	36.73
18	34.59	33.85	33.92	32.87	32.19	31.64	33.90	35.73	37.13	---	38.36	37.84
19	34.46	33.71	34.10	33.04	32.05	31.73	33.91	35.98	37.11	---	37.82	43.84
20	34.72	33.79	34.06	33.05	31.93	31.77	34.32	36.38	37.30	---	37.71	38.15
21	34.40	33.82	34.20	33.68	31.88	31.59	34.54	37.51	37.61	---	37.73	37.59
22	34.38	33.86	34.14	34.52	31.95	31.40	34.86	36.70	37.82	---	40.72	37.35
23	34.54	33.96	33.84	35.75	31.99	31.57	35.00	36.09	37.68	---	38.33	37.43
24	34.64	33.89	33.92	35.00	31.81	31.50	34.63	36.04	38.04	---	37.96	37.18
25	34.48	33.79	33.91	34.21	31.66	31.68	34.69	36.15	37.75	---	37.79	36.92
26	34.54	33.76	33.88	33.87	31.64	31.99	34.96	36.29	37.70	---	38.60	36.83
27	34.54	33.77	33.94	33.79	31.63	32.03	35.35	36.85	37.71	---	38.36	37.21
28	34.51	33.86	34.05	33.36	31.86	32.13	35.31	36.82	38.15	39.56	38.06	37.33
29	34.09	33.91	34.09	33.41	---	32.17	35.43	36.61	38.30	39.16	37.73	37.17
30	34.11	33.92	33.86	33.28	---	32.28	35.65	36.20	37.90	39.25	37.38	37.27
31	34.10	---	33.95	33.10	---	32.13	---	36.16	---	40.34	37.18	---
MEAN	34.52	33.85	33.90	33.45	32.20	31.90	33.65	35.60	37.46	---	38.48	37.34
MAX	34.88	34.02	34.20	35.75	33.13	33.12	35.65	37.51	38.47	---	40.72	43.84
MIN	34.09	33.67	33.64	32.85	31.63	31.40	32.30	34.57	36.42	---	37.18	36.59

CAL YR 1984 MEAN 33.09 MAX 35.70 MIN 30.18

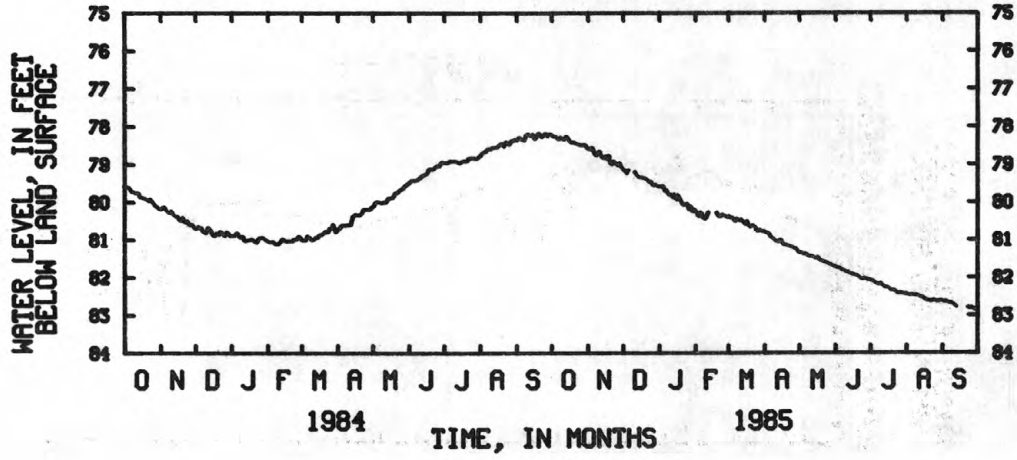


340335080583501. Local number, RIC-40.
LOCATION.--Lat 34°03'33''(Revised), long 80°58'37'', Hydrologic Unit 03050110, on Shakespeare Road in Dentsville, north of Columbia.
Owner: Shakespeare Manufacturing Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 245 ft, screened intervals 98-105, 130-135, 233-245 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 390 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.37 ft above land-surface datum.
REMARKS.--Water-quality data available in District files.
PERIOD OF RECORD.--1942-52, 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 76.03 ft below land-surface datum, Oct. 17, 1975; lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.22	78.60	79.15	79.58	80.24	80.37	80.79	81.35	81.72	82.08	82.43	82.63
2	78.27	78.57	79.17	79.59	80.27	80.38	80.81	81.34	81.74	82.09	82.46	82.64
3	78.25	78.61	79.15	79.61	80.37	80.43	80.82	81.35	81.75	82.10	82.47	82.64
4	78.27	78.55	79.24	79.56	80.38	80.41	80.84	81.38	81.76	82.12	82.47	82.64
5	78.30	78.57	79.17	79.64	80.27	80.42	80.84	81.37	81.77	82.14	82.46	82.65
6	78.33	78.67	79.14	79.72	80.29	80.50	80.93	81.38	81.80	82.17	82.47	82.67
7	78.33	78.75	---	79.68	80.41	80.51	80.95	81.38	81.81	82.18	82.47	82.68
8	78.29	78.76	---	79.75	80.45	80.44	80.97	81.42	81.81	82.19	82.48	82.68
9	78.30	78.72	---	79.81	80.44	80.45	80.99	81.44	81.84	82.16	82.47	82.69
10	78.33	78.67	---	79.81	80.42	80.49	81.03	81.44	81.86	82.16	82.48	82.71
11	78.34	78.65	79.22	79.80	80.33	80.47	81.03	81.44	81.87	82.21	82.49	82.72
12	78.32	78.76	79.26	79.87	80.26	80.46	81.06	81.45	81.86	82.23	82.51	82.75
13	78.27	78.82	79.30	79.85	---	80.53	81.05	81.46	81.90	82.26	82.52	82.79
14	78.27	78.84	79.34	79.79	---	80.52	81.01	81.48	81.91	82.26	82.53	---
15	78.32	78.82	79.34	79.92	---	80.59	81.00	81.50	81.92	82.26	82.53	---
16	78.38	78.78	79.35	79.95	---	80.57	81.06	81.48	81.92	82.28	82.55	---
17	78.42	78.86	79.35	79.81	---	80.50	81.13	81.46	81.93	82.30	82.60	---
18	78.42	78.77	79.36	79.88	---	80.61	81.14	81.53	81.95	82.33	82.60	---
19	78.42	78.76	79.36	79.95	80.30	80.66	81.14	81.56	81.96	82.34	82.61	---
20	78.42	78.98	79.39	80.00	80.37	80.64	81.15	81.57	81.97	82.34	82.62	---
21	78.44	79.01	79.40	80.08	80.38	80.63	81.16	81.58	81.99	82.34	82.63	---
22	78.45	78.97	79.42	80.06	80.38	80.62	81.17	81.59	82.02	82.36	82.63	---
23	78.47	78.92	79.47	80.06	80.35	80.66	81.18	81.60	82.04	82.39	82.62	82.81
24	78.48	78.95	79.45	80.05	80.33	80.66	81.19	81.61	82.04	82.42	82.61	82.81
25	78.49	79.00	79.46	80.04	80.36	80.76	81.20	81.62	82.04	82.41	82.60	82.82
26	78.49	79.03	79.55	80.20	80.37	80.78	81.22	81.64	82.02	82.42	82.63	82.79
27	78.49	79.02	79.56	80.13	80.38	80.75	81.24	81.66	82.04	82.41	82.63	82.82
28	78.49	78.96	79.54	80.11	80.41	80.74	81.24	81.67	82.06	82.42	82.63	82.85
29	78.49	79.07	79.55	80.25	---	80.77	81.27	81.68	82.06	82.43	82.63	82.84
30	78.49	79.09	79.57	80.25	---	80.78	81.33	81.71	82.07	82.44	82.61	82.82
31	78.57	---	79.59	80.19	---	80.78	---	81.71	---	82.44	82.62	---
MEAN	78.38	78.82	---	79.90	---	80.58	81.06	81.51	81.91	82.28	82.55	---
MAX	78.57	79.09	---	80.25	---	80.78	81.33	81.71	82.07	82.44	82.63	---
MIN	78.22	78.55	---	79.56	---	80.37	80.79	81.34	81.72	82.08	82.43	---

HYDROGRAPH



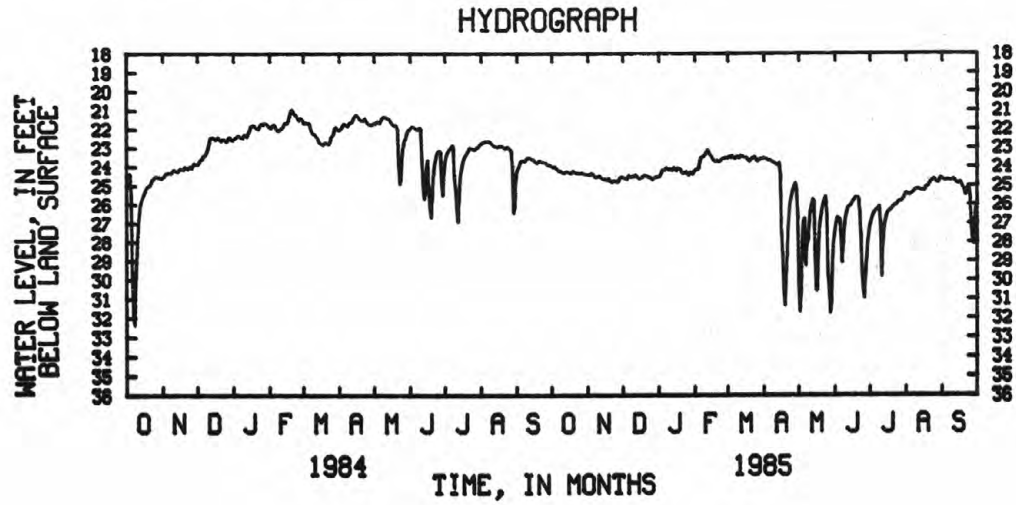
RICHLAND COUNTY

334944080380100. Local number, RIC-63.
LOCATION.--Lat 33°49'44", long 80°38'01", Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of Hwy. 601, near Wateree. Owner: Hercules, Inc.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 547 ft, screened intervals 417-420, 425-445, 456-476, 478-498, 500-520, 522-542 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.
REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged July 23, 1980, depth 371 ft. Water-level affected by nearby irrigational pumpage.
PERIOD OF RECORD.--February 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 20.32 ft below land-surface datum, Apr. 15, 1983; lowest, 36.84 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.99	24.44	24.58	24.51	24.20	23.52	23.53	30.24	27.34	27.10	25.39	24.64
2	24.06	24.42	24.64	24.48	24.13	23.46	23.60	31.70	26.96	26.82	25.42	24.71
3	23.98	24.44	24.63	24.37	24.17	23.53	23.62	30.66	26.67	26.62	25.51	24.74
4	24.04	24.35	24.69	24.19	24.10	23.47	23.66	27.91	26.86	26.48	25.47	24.72
5	24.12	24.38	24.59	24.17	23.83	23.44	23.68	26.88	26.76	26.37	25.44	24.71
6	24.18	24.47	24.46	24.18	23.51	23.57	23.67	26.73	27.51	26.30	25.39	24.71
7	24.26	24.58	24.56	24.07	23.47	23.59	23.72	29.25	29.11	26.25	25.35	24.72
8	24.26	24.55	24.52	24.08	23.46	23.50	23.75	28.15	28.08	26.18	25.28	24.74
9	24.26	24.55	24.53	24.18	23.40	23.47	23.79	27.89	27.08	26.09	25.22	24.73
10	24.31	24.51	24.50	24.15	23.33	23.56	23.84	27.00	26.64	27.01	25.19	24.69
11	24.35	24.48	24.48	24.12	23.18	23.52	23.85	26.35	26.39	29.84	25.18	24.67
12	24.31	24.59	24.45	24.21	23.11	23.41	23.92	25.99	26.14	28.12	25.20	24.74
13	24.28	24.64	24.52	24.14	23.29	23.50	23.90	25.72	26.08	27.28	25.24	24.83
14	24.26	24.68	24.63	24.04	23.41	23.46	23.82	25.82	26.06	26.88	25.27	24.91
15	24.28	24.69	24.65	24.13	23.47	23.53	24.41	28.78	25.98	26.59	25.25	24.88
16	24.34	24.64	24.62	24.24	23.61	23.57	27.44	30.60	25.83	26.42	25.28	24.83
17	24.37	24.72	24.59	24.07	23.69	23.50	28.61	30.53	25.77	26.34	25.27	24.84
18	24.30	24.70	24.55	24.10	23.76	23.66	30.58	28.00	25.66	26.29	25.08	25.02
19	24.24	24.62	24.47	24.11	23.70	23.74	31.37	27.03	25.62	26.25	25.04	25.14
20	24.26	24.78	24.48	24.19	23.68	23.68	29.93	26.56	25.64	26.17	25.00	25.21
21	24.33	24.84	24.49	24.36	23.76	23.60	28.70	26.22	25.66	26.09	24.91	25.52
22	24.35	24.80	24.50	24.34	23.71	23.54	26.97	25.93	26.28	26.03	24.80	25.21
23	24.36	24.76	24.60	24.32	23.68	23.53	26.24	25.69	27.56	25.99	24.73	25.10
24	24.36	24.78	24.55	24.31	23.60	23.48	25.74	25.58	29.49	25.98	24.68	25.09
25	24.38	24.80	24.59	24.28	23.58	23.63	25.44	26.57	30.50	25.88	24.65	25.59
26	24.34	24.83	24.70	24.46	23.56	23.73	25.24	29.83	30.98	25.83	24.73	27.09
27	24.34	24.79	24.65	24.41	23.52	23.67	25.03	30.47	29.80	25.80	24.82	27.89
28	24.38	24.61	24.61	24.29	23.58	23.62	24.86	31.78	28.86	25.80	24.85	28.12
29	24.41	24.55	24.56	24.40	---	23.59	25.20	31.18	27.95	25.73	24.82	26.76
30	24.41	24.57	24.54	24.40	---	23.60	26.44	28.75	27.45	25.64	24.70	26.16
31	24.42	---	24.55	24.27	---	23.55	---	27.83	---	25.52	24.57	---
MEAN	24.28	24.62	24.56	24.24	23.62	23.56	25.48	28.12	27.22	26.44	25.09	25.29
MAX	24.42	24.84	24.70	24.51	24.20	23.74	31.37	31.78	30.98	29.84	25.51	28.12
MIN	23.98	24.35	24.45	24.04	23.11	23.41	23.53	25.58	25.62	25.52	24.57	24.64

CAL YR 1984 MEAN 23.12 MAX 26.93 MIN 20.93
WTR YR 1985 MEAN 25.22 MAX 31.78 MIN 23.11

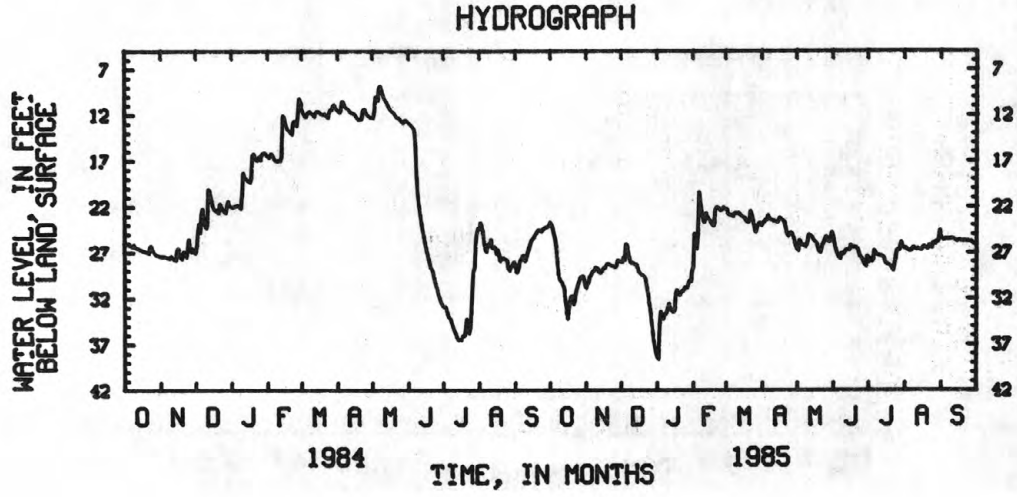


340540081021508. Local number, RIC-309.
LOCATION.--Lat 34°05'40", long 81°02'15", Hydrologic Unit 03050106, north of Columbia off State Road 423 at Lincolnshire subdivision.
Owner: Heater Utilities.
AQUIFER.--Piedmont.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 90 ft, open hole from 90 to 300 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.
REMARKS.--Water-level affected by nearby pumping.
PERIOD OF RECORD.--1972 to June 1975, September 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 4.56 ft below land-surface datum, Mar. 31, 1980; lowest, 44.83 ft below land-surface datum, Dec. 30, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.69	30.89	28.03	38.45	28.52	22.26	23.93	26.69	25.22	28.13	26.53	25.44
2	23.99	30.38	28.03	38.66	24.91	22.26	23.70	26.85	26.00	27.62	26.53	25.62
3	24.33	30.23	27.50	34.84	25.56	22.88	23.57	25.60	26.55	28.01	26.72	25.59
4	24.88	29.58	27.84	33.37	26.62	22.96	23.38	25.90	27.01	28.01	26.82	25.55
5	25.44	29.47	26.02	34.22	25.05	22.91	23.42	26.26	27.37	27.78	26.80	25.53
6	26.25	29.17	26.23	34.26	20.36	23.00	22.91	26.20	27.64	26.72	26.78	25.53
7	28.05	28.98	27.09	33.77	21.17	23.08	23.36	26.20	27.73	27.02	26.73	25.55
8	29.27	28.90	27.65	33.63	22.46	22.77	23.44	26.40	27.03	27.32	26.45	25.55
9	29.85	28.61	28.14	33.50	23.15	22.66	23.42	26.20	27.19	27.34	26.48	25.50
10	30.16	28.71	28.17	33.02	23.75	22.71	23.58	25.82	27.08	27.33	26.62	25.48
11	30.27	28.72	28.09	32.54	23.60	22.69	23.55	25.02	26.90	27.40	26.65	25.51
12	30.56	29.20	28.31	32.95	22.63	22.63	23.57	25.17	26.72	27.42	26.54	25.57
13	30.92	29.21	28.33	33.32	23.11	22.95	23.70	25.21	26.69	27.47	26.69	25.66
14	32.25	29.14	28.29	33.48	23.38	22.96	23.72	25.33	26.73	27.55	26.71	25.74
15	33.53	28.88	28.71	33.43	23.48	23.12	23.45	25.65	26.70	27.97	26.72	25.70
16	34.26	28.69	29.13	33.25	23.68	23.18	23.17	25.85	26.16	28.29	26.54	25.65
17	33.03	28.59	29.28	31.32	24.03	23.22	23.35	25.92	26.44	28.27	26.35	25.66
18	32.25	28.41	29.44	31.04	24.11	23.55	23.50	26.06	26.42	28.35	26.35	25.73
19	31.73	28.21	29.46	31.59	23.99	23.73	23.50	26.53	26.42	28.47	26.56	25.73
20	31.70	28.27	29.57	31.66	22.26	23.70	23.70	26.94	26.44	28.53	26.59	25.72
21	32.67	28.31	29.68	31.48	22.04	23.46	24.31	27.04	26.49	28.74	26.48	25.71
22	32.24	28.41	29.97	31.24	22.08	22.43	24.90	26.56	26.71	29.01	26.14	25.72
23	31.36	28.46	30.68	31.15	22.17	22.89	25.26	26.06	27.14	28.31	26.45	25.77
24	30.82	28.49	31.46	30.98	22.45	23.45	25.08	25.89	27.53	27.71	26.49	25.69
25	30.40	28.60	32.52	30.74	22.31	24.11	24.82	25.50	27.60	26.80	25.96	25.79
26	30.01	28.53	33.24	30.85	22.27	24.81	24.85	25.21	27.85	26.67	25.93	25.77
27	29.65	28.42	34.47	30.84	22.04	24.59	25.02	25.52	28.17	26.78	26.08	25.81
28	29.60	27.83	35.75	30.28	22.29	24.06	25.44	25.88	28.40	26.49	25.74	26.02
29	29.51	27.92	36.72	30.03	---	23.85	25.99	25.82	28.56	25.84	25.85	26.10
30	29.80	27.98	37.42	30.21	---	23.72	26.43	25.23	27.35	26.41	25.49	26.11
31	30.56	---	37.98	28.88	---	24.07	---	24.76	---	26.57	24.53	---
MEAN	29.78	28.84	30.10	32.55	23.34	23.25	24.07	25.91	27.01	27.56	26.36	25.68
MAX	34.26	30.89	37.98	38.66	28.52	24.81	26.43	27.04	28.56	29.01	26.82	26.11
MIN	23.69	27.83	26.02	28.88	20.36	22.26	22.91	24.76	25.22	25.84	24.53	25.44

WTR YR 1985 MEAN 27.07 MAX 38.66 MIN 20.36



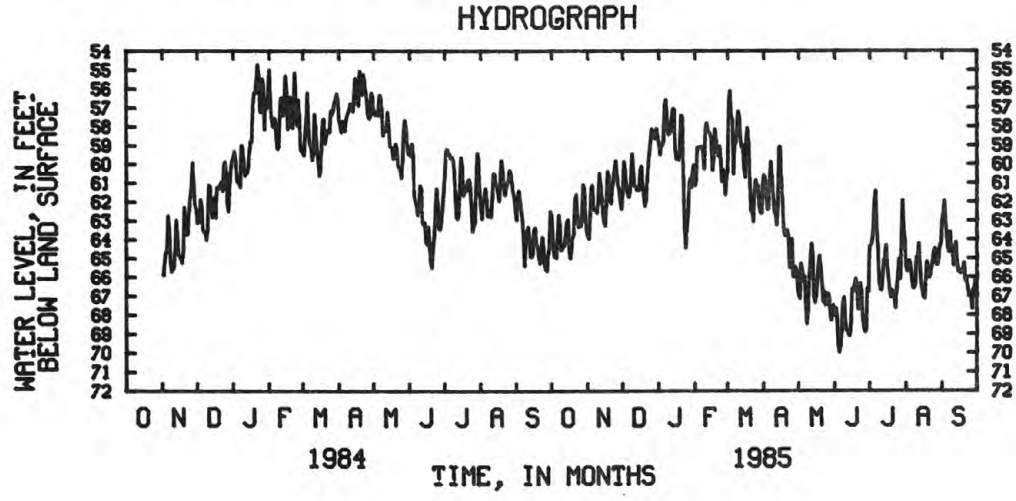
SUMTER COUNTY

335602080204800. Local number, SU-9.
LOCATION.--Lat 33°56'02", long 80°20'48", Hydrologic Unit 03040205, at Sumter municipal well field, Church Street Plant, City Well No. 1A.
Owner: City of Sumter.
AQUIFER.--Sands of Black Creek and Middendorf Formations.
WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 211 ft, 8 in from 211 to 625 ft, depth 625 ft, cased to 625 ft, screened intervals 415-435, 508-528, 550-570, 605-625 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 176 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pad, 0.42 ft above land-surface datum.
REMARKS.--Water-level affected by pumping of nearby wells. Geophysical logs and water-quality data available in District files.
PERIOD OF RECORD.--Monthly values, 1946 to 1969. June 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 40.57 ft below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62.72	63.85	61.60	58.91	61.16	60.35	60.55	66.98	68.08	64.34	65.44	62.94
2	64.15	63.99	59.85	59.52	60.86	56.80	60.73	67.16	67.62	64.34	65.72	62.64
3	64.89	62.84	60.37	58.95	59.08	56.08	61.61	65.26	68.12	64.06	65.14	61.93
4	64.95	61.24	61.15	59.00	59.15	57.51	62.44	65.65	69.63	63.59	65.12	63.06
5	65.01	61.11	61.55	58.73	59.07	57.62	62.37	66.29	70.01	61.96	65.51	63.90
6	63.97	62.45	61.77	56.89	59.09	60.54	60.89	65.95	69.66	61.39	66.13	64.46
7	62.68	62.43	61.51	56.54	59.05	58.93	59.85	67.29	68.86	63.51	66.62	64.70
8	63.14	62.39	61.04	57.67	59.47	58.83	60.71	68.50	67.41	64.31	66.60	63.58
9	64.59	62.60	59.43	58.43	60.27	58.20	61.65	67.86	67.07	66.25	66.39	64.56
10	64.52	62.06	60.49	58.35	58.08	57.17	62.60	66.05	68.34	66.68	64.93	64.45
11	64.31	60.46	61.20	58.31	57.79	57.48	62.62	65.31	68.87	66.75	65.21	65.42
12	64.36	61.09	61.19	57.65	58.29	58.75	63.27	64.20	68.79	66.04	64.20	64.66
13	63.75	61.76	61.40	57.04	58.31	59.13	62.18	64.77	69.07	65.05	65.42	64.13
14	63.06	62.63	61.35	57.06	58.42	58.96	59.07	67.02	69.15	65.09	66.43	65.21
15	62.94	63.13	61.41	59.26	58.66	60.15	59.06	67.38	68.41	64.27	66.68	65.76
16	64.55	63.30	60.36	59.78	60.36	60.73	60.88	66.97	66.62	65.48	67.08	65.60
17	65.04	62.17	60.10	59.35	59.73	58.70	61.91	66.18	66.77	66.07	67.15	65.81
18	64.53	60.36	61.22	59.80	58.11	58.05	63.42	65.38	66.42	66.69	66.15	65.63
19	63.88	60.60	61.67	59.20	58.69	58.88	63.83	64.84	66.08	67.10	65.17	65.78
20	63.73	61.93	62.26	57.38	59.24	60.98	63.75	65.53	66.44	66.69	65.86	65.24
21	61.87	62.10	61.94	57.46	59.60	62.54	63.48	66.36	67.73	66.83	66.05	66.23
22	61.59	61.18	60.88	60.79	59.02	61.95	63.82	67.35	67.72	66.90	65.91	66.07
23	62.63	60.88	59.95	63.37	59.72	63.08	65.53	66.74	66.32	67.66	65.39	66.50
24	63.35	60.26	59.36	64.48	60.95	61.42	65.44	67.52	66.82	66.69	65.12	66.89
25	62.88	59.79	58.78	63.38	60.26	60.81	63.96	67.23	68.17	66.03	64.62	66.78
26	63.31	60.62	58.09	62.68	60.49	61.43	66.02	66.86	68.72	65.02	64.46	67.11
27	62.98	61.15	58.32	61.20	61.65	61.13	66.00	66.95	68.93	66.14	65.37	67.70
28	61.07	61.48	58.61	60.73	60.73	62.30	65.44	67.77	68.83	64.47	65.38	66.64
29	61.27	62.03	58.67	61.25	---	62.58	65.59	68.31	66.58	61.89	64.99	66.55
30	62.87	62.41	58.08	60.35	---	62.65	66.61	67.63	66.80	63.49	64.34	65.98
31	63.59	---	58.55	60.02	---	61.15	---	67.47	---	64.03	64.23	---
MEAN	63.49	61.81	60.39	59.47	59.47	59.83	62.84	66.61	67.93	65.12	65.57	65.20
MAX	65.04	63.99	62.26	64.48	61.65	63.08	66.61	68.50	70.01	67.66	67.15	67.70
MIN	61.07	59.79	58.08	56.54	57.79	56.08	59.06	64.20	66.08	61.39	64.20	61.93

CAL YR 1984 MEAN 60.33 MAX 65.71 MIN 54.68
WTR YR 1985 MEAN 63.16 MAX 70.01 MIN 56.08

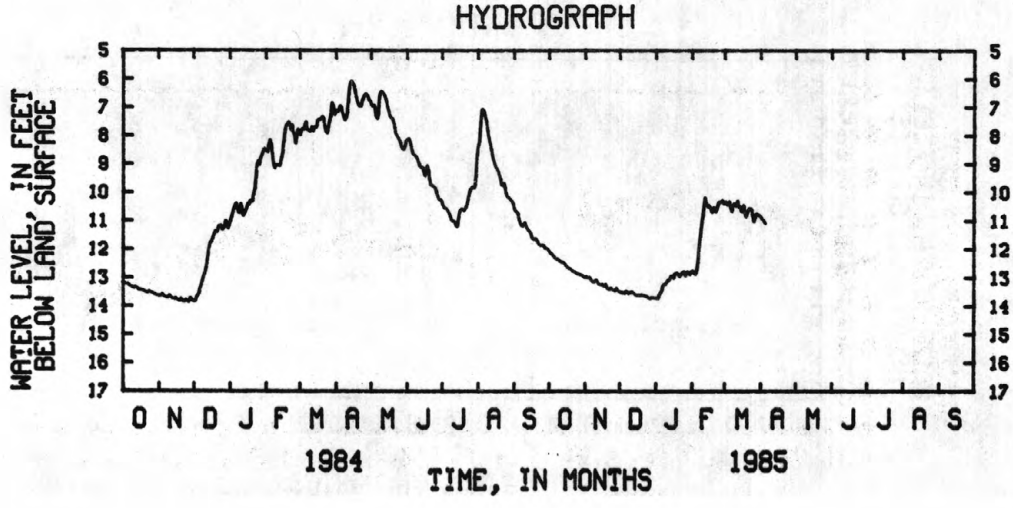


335606080020510. Local number, SU-191.
LOCATION.--Lat 33°56'06", long 80°02'05", Hydrologic Unit 03040205, Church Street Plant #1, 371 ft west of Church Street in Sumter.
Owner: City of Sumter.
AQUIFER.--Black Mingo Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 70 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 177 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.75 ft above land-surface datum.
REMARKS.--Gamma and caliper logged Mar. 24, 1980, depth 56 ft. Pump test available in District files.
PERIOD OF RECORD.--October 1980 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 4.91 ft below land-surface datum, Mar. 20, 1983; lowest, 13.86 ft below land-surface datum, Nov. 26, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.06	12.98	13.50	13.71	12.76	10.35	10.85					
2	12.14	12.95	13.51	13.73	12.76	10.32	10.93					
3	12.15	13.00	13.51	13.71	12.86	10.44	10.97					
4	12.20	12.97	13.55	13.58	12.86	10.37	11.04					
5	12.25	12.99	13.53	13.50	12.73	10.31	11.09					
6	12.31	13.06	13.47	13.45	12.43	10.56	---					
7	12.35	13.13	13.46	13.28	11.89	10.67	---					
8	12.34	13.14	13.55	13.21	11.49	10.43	---					
9	12.37	13.13	13.51	13.22	11.12	10.38	---					
10	12.41	13.08	13.52	13.16	10.84	10.48	---					
11	12.44	13.07	13.48	13.08	10.46	10.43	---					
12	12.46	13.18	13.51	13.07	10.16	10.29	---					
13	12.46	13.22	13.54	13.02	10.41	10.52	---					
14	12.49	13.25	13.59	12.93	10.50	10.47	---					
15	12.54	13.25	13.61	12.97	10.44	10.66	---					
16	12.60	13.22	13.61	13.01	10.50	10.69	---					
17	12.65	13.29	13.61	12.86	10.59	10.44	---					
18	12.67	13.26	13.61	12.83	10.70	10.67	---					
19	12.69	13.22	13.61	12.83	10.53	10.86	---					
20	12.72	13.36	13.59	12.85	10.52	10.75	---					
21	12.76	13.40	13.63	12.95	10.68	10.65	---					
22	12.78	13.40	13.62	12.89	10.58	10.55	---					
23	12.80	13.36	13.65	12.85	10.43	10.59	---					
24	12.83	13.38	13.66	12.80	10.32	10.57	---					
25	12.86	13.42	13.67	12.77	10.34	10.81	---					
26	12.86	13.44	13.72	12.92	10.30	11.03	---					
27	12.88	13.44	13.71	12.88	10.27	10.89	---					
28	12.89	13.36	13.70	12.77	10.39	10.75	---					
29	12.91	13.43	13.69	12.86	---	10.75	---					
30	12.93	13.46	13.70	12.88	---	10.81	---					
31	12.98	---	13.72	12.78	---	10.82	---					
MEAN	12.57	13.23	13.59	13.08	11.07	10.59	---					
MAX	12.98	13.46	13.72	13.73	12.86	11.03	---					
MIN	12.06	12.95	13.46	12.77	10.16	10.29	---					

CAL YR 1984 MEAN 9.96 MAX 13.72 MIN 6.07

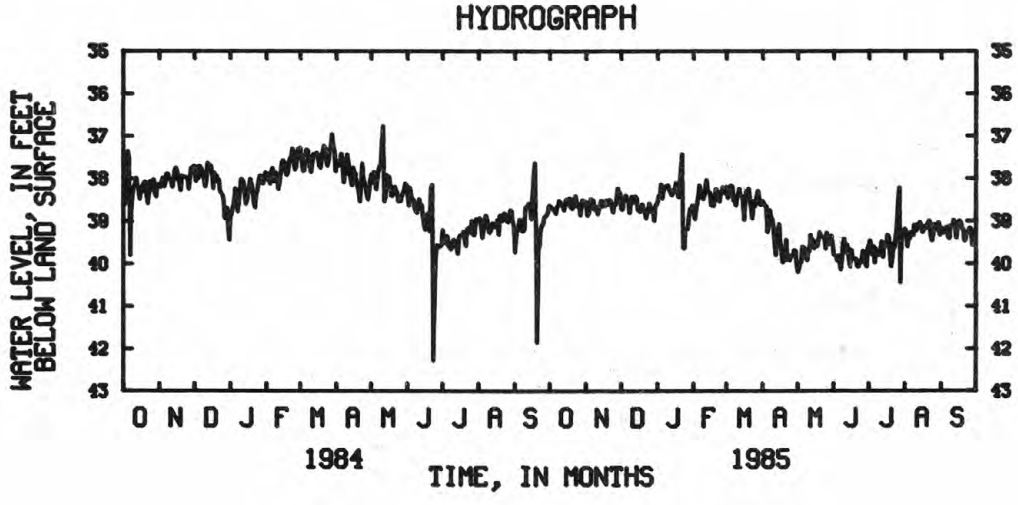


334410079310200. Local number, WL-76.
LOCATION.--Lat 33°44'10", long 79°31'02", Hydrologic Unit 03040205, 15 ft behind Allis-Chalmers store and 86 ft from the water tower in Stuckey.
Owner: Town of Stuckey.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 257 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.
REMARKS.--1978 water-quality data on file in District office. Caliper and gamma logged Oct. 11, 1978, depth 256 ft. Water-level affected by nearby irrigational pumpage.
PERIOD OF RECORD.--October 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 34.55 ft below land-surface datum, Jan. 12, 1982; lowest, 46.19 ft below land-surface datum, Mar. 12, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38.62	38.53	38.73	38.52	38.65	38.18	38.52	40.21	39.80	39.57	39.17	39.16
2	38.66	38.88	38.73	38.39	38.96	38.47	38.60	40.12	39.82	39.45	39.25	39.16
3	38.70	38.83	38.46	38.39	38.72	38.34	38.66	39.97	39.83	39.59	39.61	39.29
4	38.74	38.71	38.43	38.12	38.57	38.18	38.63	39.95	39.94	39.81	39.40	39.21
5	38.74	38.46	38.38	38.48	38.41	38.15	39.27	39.59	39.80	39.58	39.42	39.22
6	38.83	38.49	38.55	38.28	38.14	38.19	39.11	39.61	39.96	39.99	39.26	39.13
7	38.65	38.50	38.50	38.18	38.39	38.53	38.73	39.63	40.15	39.64	39.26	39.40
8	38.63	38.74	38.82	38.19	38.45	38.50	38.92	39.79	39.89	39.81	39.34	39.42
9	38.51	38.65	38.56	38.18	38.49	38.64	38.96	39.93	39.52	39.81	39.08	39.10
10	38.54	38.64	38.41	38.14	38.41	38.42	39.13	39.67	39.41	39.77	39.23	39.11
11	38.65	38.85	38.57	38.28	38.21	38.37	39.48	39.71	39.76	39.72	39.22	39.12
12	38.62	38.69	38.55	38.32	38.02	38.23	39.81	39.31	39.53	39.47	39.07	38.97
13	38.75	38.61	38.40	38.40	38.31	38.42	39.55	39.45	39.64	39.86	39.11	39.08
14	38.57	38.51	38.47	38.36	38.30	38.40	39.24	39.42	39.93	39.57	39.02	39.41
15	38.48	38.66	38.74	38.25	38.37	38.50	39.06	39.65	40.09	39.49	39.15	39.15
16	38.63	38.52	38.77	38.27	38.65	38.98	39.53	39.60	39.66	39.59	39.27	39.01
17	38.48	38.65	38.78	38.08	38.50	38.43	39.71	39.49	39.86	39.31	39.21	38.99
18	38.44	38.50	38.73	38.28	38.65	38.28	39.98	39.59	39.89	39.39	39.12	39.03
19	38.69	38.62	38.59	38.45	38.42	38.33	39.90	39.43	39.91	39.78	39.18	39.19
20	38.72	38.53	38.74	38.27	38.23	38.23	39.93	39.25	39.87	40.08	39.09	39.19
21	38.58	38.48	38.78	37.76	38.27	38.56	39.43	39.38	40.08	39.86	39.04	39.48
22	38.47	38.52	38.94	37.41	38.49	38.70	39.92	39.36	40.09	39.52	38.98	39.44
23	38.39	38.67	38.80	39.64	38.55	38.95	39.80	39.38	39.93	39.64	39.34	39.24
24	38.66	38.80	38.70	39.65	38.37	38.52	39.93	39.37	39.98	39.38	39.47	39.29
25	38.57	38.60	38.57	39.18	38.31	38.66	39.83	39.66	39.90	39.12	39.33	39.23
26	38.60	38.62	38.78	39.19	38.19	38.58	39.79	39.26	39.69	38.49	39.07	39.15
27	38.87	38.48	38.73	39.18	38.31	38.39	39.82	39.56	39.80	38.20	39.17	39.21
28	38.62	38.21	38.70	38.87	38.36	38.28	39.67	39.54	40.00	40.46	39.07	39.59
29	38.49	38.31	39.00	38.70	---	38.51	39.68	39.49	40.08	39.42	39.23	39.45
30	38.64	38.36	38.64	38.74	---	38.63	40.01	39.33	39.65	39.20	39.02	39.29
31	38.65	---	38.60	38.62	---	38.58	---	39.53	---	39.33	39.34	---
MEAN	38.62	38.59	38.65	38.48	38.42	38.46	39.42	39.59	39.85	39.55	39.21	39.22
MAX	38.87	38.88	39.00	39.65	38.96	38.98	40.01	40.21	40.15	40.46	39.61	39.59
MIN	38.39	38.21	38.38	37.41	38.02	38.15	38.52	39.25	39.41	38.20	38.98	38.97

CAL YR 1984 MEAN 38.50 MAX 42.29 MIN 36.75
WTR YR 1985 MEAN 39.01 MAX 40.46 MIN 37.41

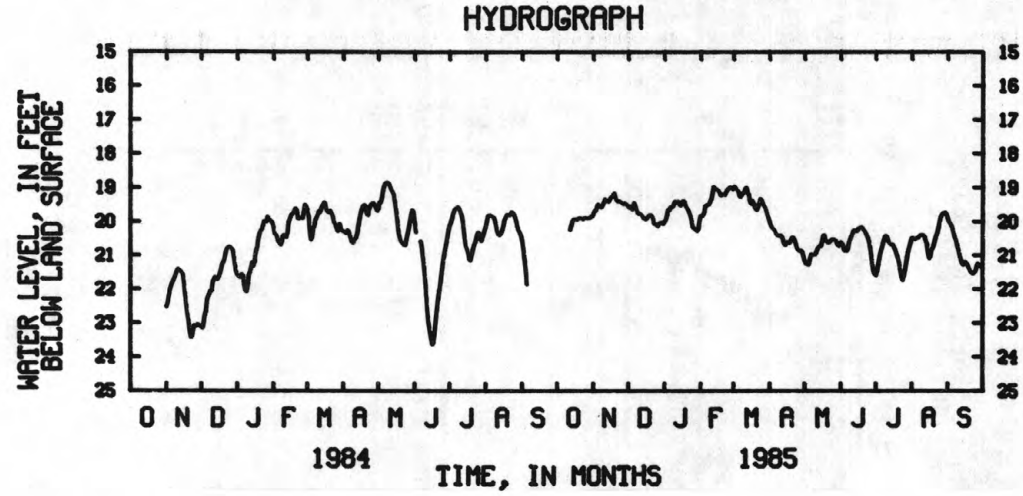


YORK COUNTY

350150081012500. Local number, YK-147.
LOCATION.--Lat 35°01'50", long 81°01'25", Hydrologic Unit 03050101, near Fort Mill on Lake Wylie.
Owner: Tega Cay Development.
AQUIFER.--Rock 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.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.75 ft above land-surface datum.
REMARKS.--Water-level affected by stage from 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, 25.23 ft below land-surface datum, July 27, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.78	19.58	19.99	19.82	19.00	20.02	21.16	20.61	21.61	20.48	19.91
2	---	19.68	19.61	19.94	19.83	18.95	20.13	21.26	20.63	21.48	20.47	20.01
3	---	19.67	19.54	19.82	19.79	19.04	20.20	21.27	20.74	21.29	20.52	20.06
4	---	19.55	19.65	19.64	19.73	19.06	20.23	21.30	20.87	21.10	20.52	20.12
5	---	19.48	19.58	19.67	19.52	19.11	20.26	21.20	20.88	20.92	20.49	20.21
6	---	19.53	19.44	19.57	19.50	19.27	20.32	21.07	20.87	20.79	20.48	20.33
7	---	19.59	19.56	19.58	19.50	19.28	20.40	20.96	20.82	20.65	20.46	20.47
8	---	19.57	19.66	19.56	19.48	19.16	20.43	21.00	20.63	20.54	20.41	20.56
9	---	19.51	19.77	19.47	19.41	19.16	20.42	20.98	20.52	20.43	20.40	20.70
10	---	19.43	19.76	19.39	19.32	19.13	20.44	20.98	20.43	20.41	20.39	20.83
11	---	19.33	19.78	19.44	19.16	19.02	20.41	20.91	20.36	20.49	20.40	20.96
12	20.24	19.39	19.80	19.41	18.96	18.98	20.49	20.82	20.26	20.62	20.44	21.10
13	20.12	19.41	19.84	19.40	19.02	19.16	20.63	20.75	20.26	20.67	20.57	21.24
14	19.99	19.41	19.91	19.52	19.06	19.22	20.71	20.72	20.29	20.69	20.65	21.30
15	19.93	19.35	19.94	19.53	19.05	19.43	20.67	20.74	20.28	20.67	20.92	21.25
16	19.93	19.27	19.92	19.41	19.09	19.49	20.60	20.59	20.20	20.71	21.11	21.19
17	19.93	19.27	19.89	19.38	19.15	19.37	20.63	20.41	20.19	20.80	21.04	21.23
18	19.95	19.20	19.84	19.40	19.24	19.45	20.64	20.39	20.16	20.88	20.83	21.29
19	19.91	19.15	19.81	19.52	19.19	19.57	20.58	20.54	20.16	20.98	20.79	21.38
20	19.89	19.32	19.80	19.60	19.18	19.66	20.48	20.62	20.22	21.08	20.69	21.44
21	19.89	19.40	19.83	19.66	19.22	19.65	20.45	20.63	20.26	21.22	20.55	21.52
22	19.92	19.41	19.91	19.74	19.17	19.55	20.52	20.62	20.33	21.43	20.42	21.55
23	19.94	19.40	20.08	19.82	19.10	19.45	20.62	20.58	20.40	21.64	20.34	21.54
24	19.89	19.41	20.06	19.93	19.03	19.32	20.74	20.53	20.47	21.75	20.19	21.49
25	19.89	19.44	20.10	20.18	19.03	19.37	20.83	20.54	20.59	21.62	19.99	21.45
26	19.90	19.48	20.15	20.22	18.97	19.50	20.88	20.53	20.76	21.45	19.86	21.32
27	19.90	19.48	20.06	20.20	19.00	19.54	20.87	20.54	20.98	21.24	19.79	21.23
28	19.89	19.45	20.04	20.27	19.06	19.60	20.85	20.57	21.30	21.04	19.74	21.32
29	19.88	19.50	20.02	20.28	---	19.70	20.91	20.69	21.50	20.86	19.74	21.34
30	19.84	19.52	20.07	20.20	---	19.81	21.04	20.74	21.58	20.74	19.72	21.38
31	19.85	---	20.06	19.95	---	19.92	---	20.69	---	20.61	19.78	---
MEAN	---	19.45	19.84	19.73	19.27	19.35	20.55	20.78	20.58	20.98	20.39	20.99
MAX	---	19.78	20.15	20.28	19.83	19.92	21.04	21.30	21.58	21.75	21.11	21.55
MIN	---	19.15	19.44	19.38	18.96	18.95	20.02	20.39	20.16	20.41	19.72	19.91



APPENDIX

APPENDIX

Following are two listings of the new versus old terminology for each of the 143 water-quality parameters affected by the terminology change explained on page 5. The first listing orders the changes numerically according to the laboratory parameter code and the second listing orders the changes alphabetically according to the parameter name.

NUMERIC LISTING

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
00623	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
00623	Nitrogen, kjeldahl, dissolved (mg/L as N)
00624	Nitrogen, ammonia plus organic, suspended total (mg/L as N)
00624	Nitrogen, kjeldahl, suspended (mg/L as N)
00625	Nitrogen, ammonia plus organic, total (mg/L as N)
00625	Nitrogen, kjeldahl, total (mg/L as N)
00626	Nitrogen, ammonia plus organic, total in bottom material, dry wt (mg/kg as N)
00626	Nitrogen, kjeldahl, total in bottom material, dry wt (mg/kg as N)
00683	Carbon, organic, suspended total (mg/L as C)
00683	Carbon, organic, suspended (mg/L as C)
00688	Carbon, inorganic, suspended total (mg/L as C)
00688	Carbon, inorganic, suspended (mg/L as C)
00689	Carbon, organic, suspended total (mg/L as C)
00689	Carbon, organic, suspended (mg/L as C)
00694	Carbon, inorganic plus organic, suspended total (mg/L as C)
00694	Carbon, inorganic plus organic, suspended (mg/L as C)
00916	Calcium, total recoverable (mg/L as Ca)
00916	Calcium, total (mg/L as Ca)
00926	Magnesium, suspended recoverable (mg/L as Mg)
00926	Magnesium, suspended (mg/L as Mg)
00927	Magnesium, total recoverable (mg/L as Mg)
00927	Magnesium, total (mg/L as Mg)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01001	Arsenic, suspended total (mg/L as As)
01001	Arsenic, suspended (ug/L as As)
01006	Barium, suspended recoverable (ug/L as Ba)
01006	Barium, suspended (ug/L as Ba)
01007	Barium, total recoverable (ug/L as Ba)
01007	Barium, total (ug/L as Ba)
01008	Barium, recoverable from bottom material (ug/g as Ba)
01008	Barium, total in bottom material (ug/g as Ba)
01011	Beryllium, suspended recoverable (ug/L as Be)
01011	Beryllium, suspended (ug/L as Be)
01012	Beryllium, total recoverable (ug/L as Be)
01012	Beryllium, total (ug/L as Be)
01013	Beryllium, recoverable from bottom material (ug/g as Be)
01013	Beryllium, total in bottom material (ug/g as Be)
01016	Bismuth, suspended total (ug/L as Bi)
01016	Bismuth, suspended (ug/L as Bi)
01021	Boron, suspended recoverable (ug/L as B)
01021	Boron, suspended (ug/L as B)
01022	Boron, total recoverable (ug/L as B)
01022	Boron, total (ug/L as B)
01023	Boron, recoverable from bottom material (ug/g as B)
01023	Boron, total in bottom material (ug/g as B)
01026	Cadmium, suspended recoverable (ug/L as Cd)
01026	Cadmium, suspended (ug/L as Cd)
01027	Cadmium, total recoverable (ug/L as Cd)
01027	Cadmium, total (ug/L as Cd)
01028	Cadmium, recoverable from bottom material (ug/g as Cd)
01028	Cadmium, total in bottom material (ug/g as Cd)
01029	Chromium, recoverable from bottom material (ug/g as Cr)
01029	Chromium, total in bottom material (ug/g as Cr)
01031	Chromium, suspended recoverable (ug/L as Cr)
01031	Chromium, suspended (ug/L as Cr)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01034	Chromium, total recoverable (ug/L as Cr)
01034	Chromium, total (ug/L as Cr)
01036	Cobalt, suspended recoverable (ug/L as Co)
01036	Cobalt, suspended (ug/L as Co)
01037	Cobalt, total recoverable (ug/L as Co)
01037	Cobalt, total (ug/L as Co)
01038	Cobalt, recoverable from bottom material (ug/g as Co)
01038	Cobalt, total in bottom material (ug/g as Co)
01041	Copper, suspended recoverable (ug/L as Cu)
01041	Copper, suspended (ug/L as Cu)
01042	Copper, total recoverable (ug/L as Cu)
01042	Copper, total (ug/L as Cu)
01043	Copper, recoverable from bottom material (ug/g as Cu)
01043	Copper, total in bottom material (ug/g as Cu)
01044	Iron, suspended recoverable (ug/L as Fe)
01044	Iron, suspended (ug/L as Fe)
01045	Iron, total recoverable (ug/L as Fe)
01045	Iron, total (ug/L as Fe)
01050	Lead, suspended recoverable (ug/L as Pb)
01050	Lead, suspended (ug/L as Pb)
01051	Lead, total recoverable (ug/L as Pb)
01051	Lead, total (ug/L as Pb)
01052	Lead, recoverable from bottom material (ug/g as Pb)
01052	Lead, total in bottom material (ug/g as Pb)
01053	Manganese, recoverable from bottom material (ug/g as Mn)
01053	Manganese, total in bottom material (ug/g as Mn)
01054	Manganese, suspended recoverable (ug/L as Mn)
01054	Manganese, suspended (ug/L as Mn)
01055	Manganese, total recoverable (ug/L as Mn)
01055	Manganese, total (ug/L as Mn)
01061	Molybdenum, suspended recoverable (ug/L as Mo)
01061	Molybdenum, suspended (ug/L as Mo)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01062	Molybdenum, total recoverable (ug/L as Mo)
01062	Molybdenum, total (ug/L as Mo)
01063	Molybdenum, recoverable from bottom material (ug/g as Mo)
01063	Molybdenum, total in bottom material (ug/g as Mo)
01066	Nickel, suspended recoverable (ug/L as Ni)
01066	Nickel, suspended (ug/L as Ni)
01067	Nickel, total recoverable (ug/L as Ni)
01067	Nickel, total (ug/L as Ni)
01068	Nickel, recoverable from bottom material (ug/g as Ni)
01068	Nickel, total in bottom material (ug/g as Ni)
01076	Silver, suspended recoverable (ug/L as Ag)
01076	Silver, suspended (ug/L as Ag)
01077	Silver, total recoverable (ug/L as Ag)
01077	Silver, total (ug/L as Ag)
01078	Silver, recoverable from bottom material (ug/g as Ag)
01078	Silver, total in bottom material (ug/g as Ag)
01081	Strontium, suspended recoverable (ug/L as Sr)
01081	Strontium, suspended (ug/L as Sr)
01082	Strontium, total recoverable (ug/L as Sr)
01082	Strontium, total (ug/L as Sr)
01083	Strontium, recoverable from bottom material (ug/g as Sr)
01083	Strontium, total in bottom material (ug/g as Sr)
01086	Vanadium, suspended total (ug/L as V)
01086	Vanadium, suspended (ug/L as V)
01091	Zinc, suspended recoverable (ug/L as Zn)
01091	Zinc, suspended (ug/L as Zn)
01092	Zinc, total recoverable (ug/L as Zn)
01092	Zinc, total (ug/L as Zn)
01093	Zinc, recoverable from bottom material (ug/g as Zn)
01093	Zinc, total in bottom material (ug/g as Zn)
01096	Antimony, suspended total (ug/L as Sb)
01096	Antimony, suspended (ug/L as Sb)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01101	Tin, suspended recoverable (ug/L as Sn)
01101	Tin, suspended (ug/L as Sn)
01102	Tin, total recoverable (ug/L as Sn)
01102	Tin, total (ug/L as Sn)
01105	Aluminum, total recoverable (ug/L as Al)
01105	Aluminum, total (ug/L as Al)
01107	Aluminum, suspended recoverable (ug/L as Al)
01107	Aluminum, suspended (ug/L as Al)
01108	Aluminum, recoverable from bottom material (ug/g as Al)
01108	Aluminum, total in bottom material (ug/g as Al)
01116	Cesium, suspended total (ug/L as Cs)
01116	Cesium, suspended (ug/L as Cs)
01121	Gallium, suspended total (ug/L as Ga)
01121	Gallium, suspended (ug/L as Ga)
01126	Germanium, suspended total (ug/L as Ge)
01126	Germanium, suspended (ug/L as Ge)
01131	Lithium, suspended recoverable (ug/L as Li)
01131	Lithium, suspended (ug/L as Li)
01132	Lithium, total recoverable (ug/L as Li)
01132	Lithium, total (ug/L as Li)
01136	Rubidium, suspended total (ug/L as Rb)
01136	Rubidium, suspended (ug/L as Rb)
01146	Selenium, suspended total (ug/L as Se)
01146	Selenium, suspended (ug/L as Se)
01151	Titanium, suspended total (ug/L as Ti)
01151	Titanium, suspended (ug/L as Ti)
01161	Zirconium, suspended total (ug/L as Zr)
01161	Zirconium, suspended (ug/L as Zr)
01170	Iron, recoverable from bottom material (ug/g as Fe)
01170	Iron, total in bottom material (ug/g as Fe)
01505	Alpha, suspended total (pCi/L)
01505	Alpha, suspended (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
01506	Alpha, suspended total, counting error (pCi/L)
01506	Alpha, suspended, counting error (pCi/L)
01516	Gross alpha radioactivity, suspended total (pCi/L as U natural)
01516	Gross alpha radioactivity, suspended (pCi/L as U natural)
01517	Gross alpha radioactivity, suspended total (pCi/g as U natural)
01517	Gross alpha radioactivity, suspended (pCi/g as U natural)
01518	Gross alpha radioactivity, suspended total (ug/g as U natural)
01518	Gross alpha radioactivity, suspended (ug/g as U natural)
03505	Beta, suspended total (pCi/L)
03505	Beta, suspended (pCi/L)
03506	Beta, suspended total, counting error (pCi/L)
03506	Beta, suspended, counting error (pCi/L)
03516	Gross beta radioactivity, suspended total (pCi/L as Cs-137)
03516	Gross beta radioactivity, suspended (pCi/L as Cs-137)
03517	Gross beta radioactivity, suspended total (pCi/g as Sr/Yt-90)
03517	Gross beta radioactivity, suspended (pCi/g as Sr/Yt-90)
03518	Gross beta radioactivity, suspended total (pCi/g as Cs-137)
03518	Gross Beta radioactivity, suspended (pCi/g as Cs-137)
07010	Tritium, suspended total (pCi/L)
07010	Tritium, suspended (pCi/L)
07011	Tritium, suspended total, counting error (pCi/L)
07011	Tritium, suspended, counting error (pCi/L)
07014	Tritium, suspended total, counting error (tritium units)
07014	Tritium, suspended, counting error (tritium units)
07016	Tritium, suspended total (tritium units)
07016	Tritium, suspended (tritium units)
07052	Calcium 45, suspended total (pCi/L)
07052	Calcium 45, suspended (pCi/L)
07053	Calcium 45, suspended total, counting error (pCi/L)
07053	Calcium 45, suspended, counting error (pCi/L)
07062	Iron 59, suspended total (pCi/L)
07062	Iron 59, suspended (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07063	Iron 59, suspended total, counting error (pCi/L)
07063	Iron 59, suspended, counting error (pCi/L)
07082	Rhodamine Wt, suspended total (ug/L)
07082	Rhodamine Wt, suspended (ug/L)
07102	Selenium 75, suspended total (pCi/L)
07102	Selenium 75, suspended (pCi/L)
07103	Selenium 75, suspended total, counting error (pCi/L)
07103	Selenium 75, suspended, counting error (pCi/L)
07122	Silver 110, suspended total (pCi/L)
07122	Silver 110, suspended (pCi/L)
07123	Silver 110, suspended total, counting error (pCi/L)
07123	Silver 110, suspended, counting error (pCi/L)
07142	Sulfur 35, suspended total (pCi/L)
07142	Sulfur 35, suspended (pCi/L)
07143	Sulfur 35, suspended total, counting error (pCi/L)
07143	Sulfur 35, suspended, counting error (pCi/L)
09505	Radium 226, suspended total (pCi/L)
09505	Radium 226, suspended (pCi/L)
13505	Strontium 90, suspended total (pCi/L)
13505	Strontium 90, suspended (pCi/L)
13506	Strontium 90, suspended total, counting error (pCi/L)
13506	Strontium 90, suspended, counting error (pCi/L)
22705	Uranium, natural, suspended total (ug/L as U natural)
22705	Uranium, natural, suspended (ug/L as U natural)
28404	Cesium 137, suspended total (pCi/L)
28404	Cesium 137, suspended (pCi/L)
28405	Cesium 137, suspended total, counting error (pCi/L)
28405	Cesium 137, suspended, counting error (pCi/L)
28412	Cesium 134, suspended total (pCi/L)
28412	Cesium 134, suspended (pCi/L)
28413	Cesium 134, suspended total, counting error (pCi/L)
28413	Cesium 134, suspended, counting error (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
29633	Scandium 46, suspended total (pCi/L)
29633	Scandium 46, suspended (pCi/L)
29634	Scandium 46, suspended total, counting error (pCi/L)
29634	Scandium 46, suspended, counting error (pCi/L)
39332	Aldrin, suspended total (ug/L)
39332	Aldrin, suspended (ug/L)
39342	Lindane, suspended total (ug/L)
39342	Lindane, suspended (ug/L)
39353	Chlordane, suspended total (ug/L)
39353	Chlordane, suspended (ug/L)
39362	DDD, suspended total (ug/L)
39362	DDD, suspended (ug/L)
39367	DDE, suspended total (ug/L)
39367	DDE, suspended (ug/L)
39372	DDT, suspended total (ug/L)
39372	DDT, suspended (ug/L)
39382	Dieldrin, suspended total (ug/L)
39382	Dieldrin, suspended (ug/L)
39392	Endrin, suspended total (ug/L)
39392	Endrin, suspended (ug/L)
39402	Toxaphene, suspended total (ug/L)
39402	Toxaphene, suspended (ug/L)
39412	Heptachlor, suspended total (ug/L)
39412	Heptachlor, suspended (ug/L)
39422	Heptachlor epoxide, suspended total (ug/L)
39422	Heptachlor epoxide, suspended (ug/L)
39432	Isodrin, suspended total (ug/L)
39432	Isodrin, suspended (ug/L)
39502	Aroclor, suspended total, 1248 PCB series (ug/L)
39502	Aroclor, suspended, 1248 PCB series (ug/L)
39506	Aroclor, suspended total, 1254 PCB series (ug/L)
39506	Aroclor, suspended, 1254 PCB series (ug/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39510	Aroclor, suspended total, 1260 PCB series (ug/L)
39510	Aroclor, suspended, 1260 PCB series (ug/L)
39518	PCB, suspended total (ug/L)
39518	PCB, suspended (ug/L)
39533	Malathion, suspended total (ug/L)
39533	Malathion, suspended (ug/L)
39543	Parathion, suspended total (ug/L)
39543	Parathion, suspended (ug/L)
39573	Diazinon, suspended total (ug/L)
39573	Diazinon, suspended (ug/L)
39603	Methyl parathion, suspended total (ug/L)
39603	Methyl parathion, suspended (ug/L)
39733	2,4-D, suspended total (ug/L)
39733	2,4-D, suspended (ug/L)
39743	2,4,5-T, suspended total (ug/L)
39743	2,4,5-T, suspended (ug/L)
39757	Mirex, suspended total (ug/L)
39757	Mirex, suspended (ug/L)
39763	Silvex, suspended total (ug/L)
39763	Silvex, suspended (ug/L)
70299	Solids, residue at 110 deg. C, suspended total (mg/L)
70299	Solids, residue at 110 deg. C, suspended (mg/L)
71895	Mercury, suspended recoverable (ug/L as Hg)
71895	Mercury, suspended (ug/L as Hg)
71900	Mercury, total recoverable (ug/L as Hg)
71900	Mercury, total (ug/L as Hg)
71921	Mercury, recoverable from bottom material (ug/g as Hg)
71921	Mercury, total in bottom material (ug/g as Hg)
80040	Gross alpha radioactivity, suspended total (ug/L as U natural)
80040	Gross alpha radioactivity, suspended (ug/L as U natural)
80060	Gross beta radioactivity, suspended total (pCi/L as Sr/Yt-90)
80060	Gross beta radioactivity, suspended (pCi/L as Sr/Yt-90)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39332	Aldrin, suspended total (ug/L)
39332	Aldrin, suspended (ug/L)
01505	Alpha, suspended total (pCi/L)
01505	Alpha, suspended (pCi/L)
01506	Alpha, suspended total, counting error (pCi/L)
01506	Alpha, suspended, counting error (pCi/L)
01105	Aluminum, total recoverable (ug/L as Al)
01105	Aluminum, total (ug/L as Al)
01107	Aluminum, suspended recoverable (ug/L as Al)
01107	Aluminum, suspended (ug/L as Al)
01108	Aluminum, recoverable from bottom material (ug/g as Al)
01108	Aluminum, total in bottom material (ug/g as Al)
01096	Antimony, suspended total (ug/L as Sb)
01096	Antimony, suspended (ug/L as Sb)
39502	Aroclor, suspended total, 1248 PCB series (ug/L)
39502	Aroclor, suspended, 1248 PCB series (ug/L)
39506	Aroclor, suspended total, 1254 PCB series (ug/L)
39506	Aroclor, suspended, 1254 PCB series (ug/L)
39510	Aroclor, suspended total, 1260 PCB series (ug/L)
39510	Aroclor, suspended, 1260 PCB series (ug/L)
01001	Arsenic, suspended total (mg/L as As)
01001	Arsenic, suspended (ug/L as As)
01006	Barium, suspended recoverable (ug/L as Ba)
01006	Barium, suspended (ug/L as Ba)
01007	Barium, total recoverable (ug/L as Ba)
01007	Barium, total (ug/L as Ba)
01008	Barium, recoverable from bottom material (ug/g as Ba)
01008	Barium, total in bottom material (ug/g as Ba)
01011	Beryllium, suspended recoverable (ug/L as Be)
01011	Beryllium, suspended (ug/L as Be)
01012	Beryllium, total recoverable (ug/L as Be)
01012	Beryllium, total (ug/L as Be)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
01013	Beryllium, recoverable from bottom material (ug/g as Be)
01013	Beryllium, total in bottom material (ug/g as Be)
03505	Beta, suspended total (pCi/L)
03505	Beta, suspended (pCi/L)
03506	Beta, suspended total, counting error (pCi/L)
03506	Beta, suspended, counting error (pCi/L)
01016	Bismuth, suspended total (ug/L as Bi)
01016	Bismuth, suspended (ug/L as Bi)
01021	Boron, suspended recoverable (ug/L as B)
01021	Boron, suspended (ug/L as B)
01022	Boron, total recoverable (ug/L as B)
01022	Boron, total (ug/L as B)
01023	Boron, recoverable from bottom material (ug/g as B)
01023	Boron, total in bottom material (ug/g as B)
01026	Cadmium, suspended recoverable (ug/L as Cd)
01026	Cadmium, suspended (ug/L as Cd)
01027	Cadmium, total recoverable (ug/L as Cd)
01027	Cadmium, total (ug/L as Cd)
01028	Cadmium, recoverable from bottom material (ug/g as Cd)
01028	Cadmium, total in bottom material (ug/g as Cd)
00916	Calcium, total recoverable (mg/L as Ca)
00916	Calcium, total (mg/L as Ca)
07052	Calcium 45, suspended total (pCi/L)
07052	Calcium 45, suspended (pCi/L)
07053	Calcium 45, suspended total, counting error (pCi/L)
07053	Calcium 45, suspended, counting error (pCi/L)
00683	Carbon, organic, suspended total (mg/L as C)
00683	Carbon, organic, suspended (mg/L as C)
00688	Carbon, inorganic, suspended total (mg/L as C)
00688	Carbon, inorganic, suspended (mg/L as C)
00689	Carbon, organic, suspended total (mg/L as C)
00689	Carbon, organic, suspended (mg/L as C)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
00694	Carbon, inorganic plus organic, suspended total (mg/L as C)
00694	Carbon, inorganic plus organic, suspended (mg/L as C)
01116	Cesium, suspended total (ug/L as Cs)
01116	Cesium, suspended (ug/L as Cs)
28404	Cesium 137, suspended total (pCi/L)
28404	Cesium 137, suspended (pCi/L)
28405	Cesium 137, suspended total, counting error (pCi/L)
28405	Cesium 137, suspended, counting error (pCi/L)
28412	Cesium 134, suspended total (pCi/L)
28412	Cesium 134, suspended (pCi/L)
28413	Cesium 134, suspended total, counting error (pCi/L)
28413	Cesium 134, suspended, counting error (pCi/L)
39353	Chlordane, suspended total (ug/L)
39353	Chlordane, suspended (ug/L)
01029	Chromium, recoverable from bottom material (ug/g as Cr)
01029	Chromium, total in bottom material (ug/g as Cr)
01031	Chromium, suspended recoverable (ug/L as Cr)
01031	Chromium, suspended (ug/L as Cr)
01034	Chromium, total recoverable (ug/L as Cr)
01034	Chromium, total (ug/L as Cr)
01036	Cobalt, suspended recoverable (ug/L as Co)
01036	Cobalt, suspended (ug/L as Co)
01037	Cobalt, total recoverable (ug/L as Co)
01037	Cobalt, total (ug/L as Co)
01038	Cobalt, recoverable from bottom material (ug/g as Co)
01038	Cobalt, total in bottom material (ug/g as Co)
01041	Copper, suspended recoverable (ug/L as Cu)
01041	Copper, suspended (ug/L as Cu)
01042	Copper, Total recoverable (ug/L as Cu)
01042	Copper, total (ug/L as Cu)
01043	Copper, recoverable from bottom material (ug/g as Cu)
01043	Copper, total in bottom material (ug/g as Cu)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39362	DDD, suspended total (ug/L)
39362	DDD, suspended (ug/L)
39367	DDE, suspended total (ug/L)
39367	DDE, suspended (ug/L)
39372	DDT, suspended total (ug/L)
39372	DDT, suspended (ug/L)
39573	Diazinon, suspended total (ug/L)
39573	Diazinon, suspended (ug/L)
39382	Dieldrin, suspended total (ug/L)
39382	Dieldrin, suspended (ug/L)
39392	Endrin, suspended total (ug/L)
39392	Endrin, suspended (ug/L)
01121	Gallium, suspended total (ug/L as Ga)
01121	Gallium, suspended (ug/L as Ga)
01126	Germanium, suspended total (ug/L as Ge)
01126	Germanium, suspended (ug/L as Ge)
01516	Gross alpha radioactivity, suspended total (pCi/L as U natural)
01516	Gross alpha radioactivity, suspended (pCi/L as U natural)
01517	Gross alpha radioactivity, suspended total (pCi/g as U natural)
01517	Gross alpha radioactivity, suspended (pCi/g as U natural)
01518	Gross alpha radioactivity, suspended total (ug/g as U natural)
01518	Gross alpha radioactivity, suspended (ug/g as U natural)
80040	Gross alpha radioactivity, suspended total (ug/L as U natural)
80040	Gross alpha radioactivity, suspended (ug/L as U natural)
80060	Gross beta radioactivity, suspended total (pCi/L as Sr/Yt-90)
80060	Gross beta radioactivity, suspended (pCi/L as Sr/Yt-90)
03516	Gross beta radioactivity, suspended total (pCi/L as Cs-137)
03516	Gross beta radioactivity, suspended (pCi/L as Cs-137)
03517	Gross beta radioactivity, suspended total (pCi/g as Sr/Yt-90)
03517	Gross beta radioactivity, suspended (pCi/g as Sr/Yt-90)
03518	Gross beta radioactivity, suspended total (pCi/g as Cs-137)
03518	Gross Beta radioactivity, suspended (pCi/g as Cs-137)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39412	Heptachlor, suspended total (ug/L)
39412	Heptachlor, suspended (ug/L)
39422	Heptachlor epoxide, suspended total (ug/L)
39422	Heptachlor epoxide, suspended (ug/L)
01044	Iron, suspended recoverable (ug/L as Fe)
01044	Iron, suspended (ug/L as Fe)
01045	Iron, total recoverable (ug/L as Fe)
01045	Iron, total (ug/L as Fe)
01170	Iron, recoverable from bottom material (ug/g as Fe)
01170	Iron, total in bottom material (ug/g as Fe)
07062	Iron 59, suspended total (pCi/L)
07062	Iron 59, suspended (pCi/L)
07063	Iron 59, suspended total, counting error (pCi/L)
07063	Iron 59, suspended, counting error (pCi/L)
39432	Isodrin, suspended total (ug/L)
39432	Isodrin, suspended (ug/L)
01050	Lead, suspended recoverable (ug/L as Pb)
01050	Lead, suspended (ug/L as Pb)
01051	Lead, total recoverable (ug/L as Pb)
01051	Lead, total (ug/L as Pb)
01052	Lead, recoverable from bottom material (ug/g as Pb)
01052	Lead, total in bottom material (ug/g as Pb)
39342	Lindane, suspended total (ug/L)
39342	Lindane, suspended (ug/L)
01131	Lithium, suspended recoverable (ug/L as Li)
01131	Lithium, suspended (ug/L as Li)
01132	Lithium, total recoverable (ug/L as Li)
01132	Lithium, total (ug/L as Li)
00926	Magnesium, suspended recoverable (mg/L as Mg)
00926	Magnesium, suspended (mg/L as Mg)
00927	Magnesium, total recoverable (mg/L as Mg)
00927	Magnesium, total (mg/L as Mg)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39533	Malathion, suspended total (ug/L)
39533	Malathion, suspended (ug/L)
01053	Manganese, recoverable from bottom material (ug/g as Mn)
01053	Manganese, total in bottom material (ug/g as Mn)
01054	Manganese, suspended recoverable (ug/L as Mn)
01054	Manganese, suspended (ug/L as Mn)
01055	Manganese, total recoverable (ug/L as Mn)
01055	Manganese, total (ug/L as Mn)
71895	Mercury, suspended recoverable (ug/L as Hg)
71895	Mercury, suspended (ug/L as Hg)
71900	Mercury, total recoverable (ug/L as Hg)
71900	Mercury, total (ug/L as Hg)
71921	Mercury, recoverable from bottom material (ug/g as Hg)
71921	Mercury, total in bottom material (ug/g as Hg)
39603	Methyl parathion, suspended total (ug/L)
39603	Methyl parathion, suspended (ug/L)
39757	Mirex, suspended total (ug/L)
39757	Mirex, suspended (ug/L)
01061	Molybdenum, suspended recoverable (ug/L as Mo)
01061	Molybdenum, suspended (ug/L as Mo)
01062	Molybdenum, total recoverable (ug/L as Mo)
01062	Molybdenum, total (ug/L as Mo)
01063	Molybdenum, recoverable from bottom material (ug/g as Mo)
01063	Molybdenum, total in bottom material (ug/g as Mo)
01066	Nickel, suspended recoverable (ug/L as Ni)
01066	Nickel, suspended (ug/L as Ni)
01067	Nickel, total recoverable (ug/L as Ni)
01067	Nickel, total (ug/L as Ni)
01068	Nickel, recoverable from bottom material (ug/g as Ni)
01068	Nickel, total in bottom material (ug/g as Ni)
00623	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
00623	Nitrogen, kjeldahl, dissolved (mg/L as N)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
00624	Nitrogen, ammonia plus organic, suspended total (mg/L as N)
00624	Nitrogen, kjeldahl, suspended (mg/L as N)
00625	Nitrogen, ammonia plus organic, total (mg/L as N)
00625	Nitrogen, kjeldahl, total (mg/L as N)
00626	Nitrogen, ammonia plus organic, total in bottom material, dry wt (mg/kg as N)
00626	Nitrogen, kjeldahl, total in bottom material, dry wt (mg/kg as N)
39543	Parathion, suspended total (ug/L)
39543	Parathion, suspended (ug/L)
39518	PCB, suspended total (ug/L)
39518	PCB, suspended (ug/L)
09505	Radium 226, suspended total (pCi/L)
09505	Radium 226, suspended (pCi/L)
07082	Rhodamine Wt, suspended total (ug/L)
07082	Rhodamine Wt, suspended (ug/L)
01136	Rubidium, suspended total (ug/L as Rb)
01136	Rubidium, suspended (ug/L as Rb)
29633	Scandium 46, suspended total (pCi/L)
29633	Scandium 46, suspended (pCi/L)
29634	Scandium 46, suspended total, counting error (pCi/L)
29634	Scandium 46, suspended, counting error (pCi/L)
01146	Selenium, suspended total (ug/L as Se)
01146	Selenium, suspended (ug/L as Se)
07102	Selenium 75, suspended total (pCi/L)
07102	Selenium 75, suspended (pCi/L)
07103	Selenium 75, suspended total, counting error (pCi/L)
07103	Selenium 75, suspended, counting error (pCi/L)
01076	Silver, suspended recoverable (ug/L as Ag)
01076	Silver, suspended (ug/L as Ag)
01077	Silver, total recoverable (ug/L as Ag)
01077	Silver, total (ug/L as Ag)
01078	Silver, recoverable from bottom material (ug/g as Ag)
01078	Silver, total in bottom material (ug/g as Ag)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07122	Silver 110, suspended total (pCi/L)
07122	Silver 110, suspended (pCi/L)
07123	Silver 110, suspended total, counting error (pCi/L)
07123	Silver 110, suspended, counting error (pCi/L)
39763	Silvex, suspended total (ug/L)
39763	Silvex, suspended (ug/L)
70299	Solids, residue at 110 deg. C, suspended total (mg/L)
70299	Solids, residue at 110 deg. C, suspended (mg/L)
01081	Strontium, suspended recoverable (ug/L as Sr)
01081	Strontium, suspended (ug/L as Sr)
01082	Strontium, total recoverable (ug/L as Sr)
01082	Strontium, total (ug/L as Sr)
01083	Strontium, recoverable from bottom material (ug/g as Sr)
01083	Strontium, total in bottom material (ug/g as Sr)
13505	Strontium 90, suspended total (pCi/L)
13505	Strontium 90, suspended (pCi/L)
13506	Strontium 90, suspended total, counting error (pCi/L)
13506	Strontium 90, suspended, counting error (pCi/L)
07142	Sulfur 35, suspended total (pCi/L)
07142	Sulfur 35, suspended (pCi/L)
07143	Sulfur 35, suspended total, counting error (pCi/L)
07143	Sulfur 35, suspended, counting error (pCi/L)
01101	Tin, suspended recoverable (ug/L as Sn)
01101	Tin, suspended (ug/L as Sn)
01102	Tin, total recoverable (ug/L as Sn)
01102	Tin, total (ug/L as Sn)
01151	Titanium, suspended total (ug/L as Ti)
01151	Titanium, suspended (ug/L as Ti)
39402	Toxaphene, suspended total (ug/L)
39402	Toxaphene, suspended (ug/L)
07010	Tritium, suspended total (pCi/L)
07010	Tritium, suspended (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07011	Tritium, suspended total, counting error (pCi/L)
07011	Tritium, suspended, counting error (pCi/L)
07014	Tritium, suspended total, counting error (tritium units)
07014	Tritium, suspended, counting error (tritium units)
07016	Tritium, suspended total (tritium units)
07016	Tritium, suspended (tritium units)
22705	Uranium, natural, suspended total (ug/L as U natural)
22705	Uranium, natural, suspended (ug/L as U natural)
01086	Vanadium, suspended total (ug/L as V)
01086	Vanadium, suspended (ug/L as V)
01091	Zinc, suspended recoverable (ug/L as Zn)
01091	Zinc, suspended (ug/L as Zn)
01092	Zinc, total recoverable (ug/L as Zn)
01092	Zinc, total (ug/L as Zn)
01093	Zinc, recoverable from bottom material (ug/g as Zn)
01093	Zinc, total in bottom material (ug/g as Zn)
01161	Zirconium, suspended total (ug/L as Zr)
01161	Zirconium, suspended (ug/L as Zr)
39733	2,4-D, suspended total (ug/L)
39733	2,4-D, suspended (ug/L)
39743	2,4,5-T, suspended total (ug/L)
39743	2,4,5-T, suspended (ug/L)

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CALENDAR FOR WATER YEAR 1985

1984

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30	31					

1985

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
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24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
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24	25	26	27	28	29	30
31						

APRIL

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	1	2	3	4	5	6
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28	29	30				

MAY

S	M	T	W	T	F	S
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19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

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						1
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23	24	25	26	27	28	29
30						

JULY

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	1	2	3	4	5	6
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21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
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29	30					

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